

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075518.D
 Acq On : 01 Dec 2022 16:42
 Operator : JC\MD
 Sample : VN1201MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 04:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	145180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	236264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	38912	49.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.171	113	47992	51.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.420%		
50) Toluene-d8	10.565	98	102907	49.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.853	95	77853	50.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	18677	16.824	ug/l	92
3) Chloromethane	2.371	50	22170	16.050	ug/l	95
4) Vinyl Chloride	2.530	62	27324	15.695	ug/l	98
5) Bromomethane	2.936	94	28500	18.617	ug/l	91
6) Chloroethane	3.112	64	22544	17.090	ug/l	96
7) Trichlorofluoromethane	3.495	101	41607	16.730	ug/l	96
8) Diethyl Ether	3.971	74	17688	20.292	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	24980	18.194	ug/l	90
10) Methyl Iodide	4.601	142	42536	19.119	ug/l	95
11) Tert butyl alcohol	5.536	59	28487	87.078	ug/l	99
12) 1,1-Dichloroethene	4.354	96	23002	17.109	ug/l #	80
13) Acrolein	4.189	56	25317	88.833	ug/l	98
14) Allyl chloride	5.030	41	32208	18.520	ug/l	95
15) Acrylonitrile	5.730	53	75727	100.894	ug/l	96
16) Acetone	4.442	43	63942	87.965	ug/l	99
17) Carbon Disulfide	4.718	76	49706	14.226	ug/l	98
18) Methyl Acetate	5.036	43	39964	21.059	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	96460	20.253	ug/l	97
20) Methylene Chloride	5.283	84	30309	19.789	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	25645	16.738	ug/l	99
22) Diisopropyl ether	6.683	45	77795	19.603	ug/l	98
23) Vinyl Acetate	6.612	43	307717	97.465	ug/l	96
24) 1,1-Dichloroethane	6.577	63	47961	18.828	ug/l	97
25) 2-Butanone	7.495	43	93246	91.882	ug/l	100
26) 2,2-Dichloropropane	7.495	77	42230	17.838	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	33623	19.407	ug/l	92
28) Bromochloromethane	7.818	49	19879	19.226	ug/l #	79
29) Tetrahydrofuran	7.847	42	58132	94.172	ug/l	95
30) Chloroform	7.965	83	56340	19.260	ug/l	98
31) Cyclohexane	8.265	56	39132	15.805	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	47832	18.009	ug/l	96
36) 1,1-Dichloropropene	8.371	75	35150	17.366	ug/l	96
37) Ethyl Acetate	7.571	43	37318	20.476	ug/l	99
38) Carbon Tetrachloride	8.365	117	40285	18.118	ug/l	99
39) Methylcyclohexane	9.600	83	44149	17.429	ug/l	94
40) Benzene	8.606	78	119170	19.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19655	21.095	ug/l	97
42) 1,2-Dichloroethane	8.671	62	41831	20.155	ug/l	94
43) Isopropyl Acetate	8.694	43	60410	20.651	ug/l	98
44) Trichloroethene	9.353	130	31748	18.723	ug/l	95
45) 1,2-Dichloropropane	9.624	63	29260	19.814	ug/l	97
46) Dibromomethane	9.712	93	23407	20.955	ug/l	91
47) Bromodichloromethane	9.888	83	43174	19.959	ug/l #	93
48) Methyl methacrylate	9.683	41	26438	19.545	ug/l	95
49) 1,4-Dioxane	9.694	88	14974	389.854	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	187665	100.722	ug/l	96
52) Toluene	10.630	92	78998	19.782	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	43485	20.025	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	48444	20.540	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33446	20.564	ug/l	94
56) Ethyl methacrylate	10.871	69	46994	21.395	ug/l	95
57) 1,3-Dichloropropane	11.165	76	55097	20.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	79990	100.974	ug/l	94
59) 2-Hexanone	11.200	43	139303	99.568	ug/l	98
60) Dibromochloromethane	11.359	129	36726	21.998	ug/l	100
61) 1,2-Dibromoethane	11.471	107	34308	20.323	ug/l	98
64) Tetrachloroethene	11.106	164	28876	17.458	ug/l	94
65) Chlorobenzene	11.894	112	88923	19.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	34176	20.471	ug/l	99
67) Ethyl Benzene	11.965	91	148616	19.474	ug/l	99
68) m/p-Xylenes	12.071	106	121699	39.270	ug/l	98
69) o-Xylene	12.400	106	59835	19.433	ug/l	97
70) Styrene	12.412	104	96133	19.791	ug/l	99
71) Bromoform	12.582	173	26960	21.218	ug/l #	99
73) Isopropylbenzene	12.700	105	149998	19.281	ug/l	97
74) N-amyl acetate	12.494	43	49000	20.487	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	50037	21.096	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42910m	21.313	ug/l	
77) Bromobenzene	12.982	156	39620	20.629	ug/l	84
78) n-propylbenzene	13.041	91	169788	19.556	ug/l	100
79) 2-Chlorotoluene	13.129	91	105801	20.225	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	131140	20.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14085	20.699	ug/l	96
82) 4-Chlorotoluene	13.129	91	105801	20.225	ug/l	97
83) tert-Butylbenzene	13.441	119	116263	19.729	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	130212	20.084	ug/l	98
85) sec-Butylbenzene	13.618	105	152919	19.124	ug/l	99
86) p-Isopropyltoluene	13.729	119	131318	19.519	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73741	20.264	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72551	19.627	ug/l	98
89) n-Butylbenzene	14.059	91	103117	18.148	ug/l	99
90) Hexachloroethane	14.335	117	23124	19.924	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	75617	21.318	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8949	19.918	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	37116	20.418	ug/l	96
94) Hexachlorobutadiene	15.506	225	17944	18.951	ug/l	98
95) Naphthalene	15.641	128	116472	20.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35996	20.148	ug/l	97

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ClientSampleId :
VN1201MBSD01

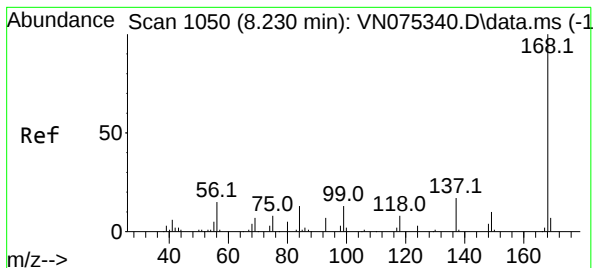
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VN075518.D

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Instrument :

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Tgt Ion:168 Resp: 145180

Ion Ratio Lower Upper

168 100

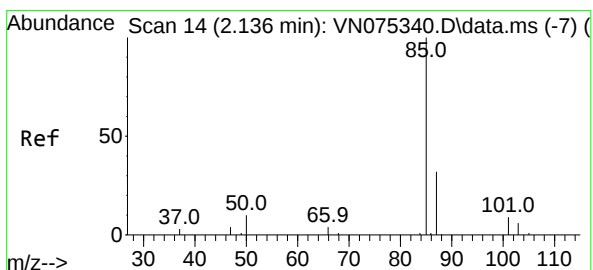
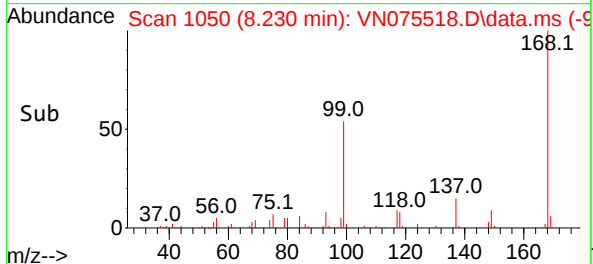
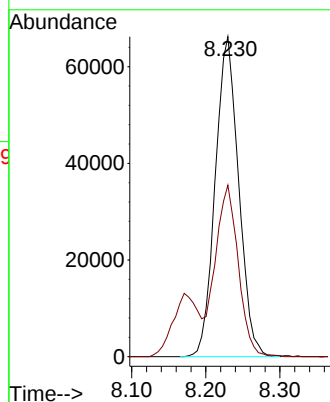
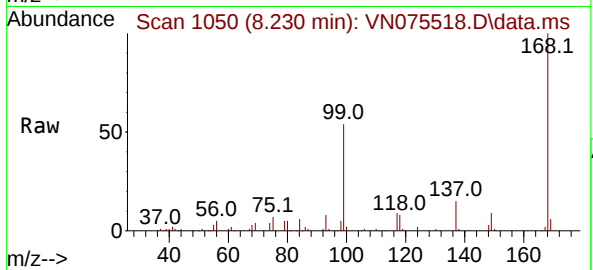
99 53.2 51.6 77.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.824 ug/l

RT: 2.136 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN075518.D

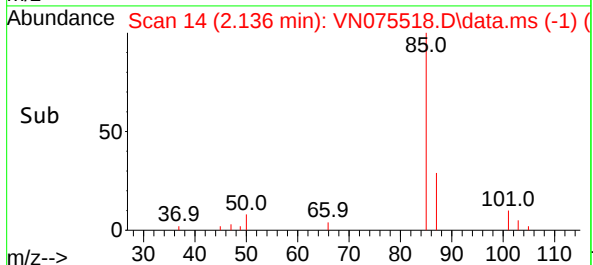
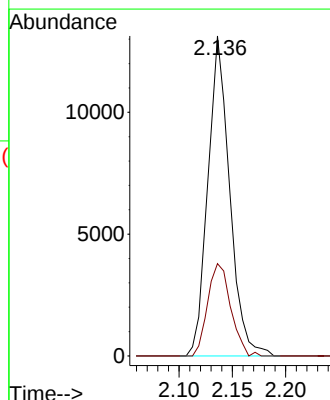
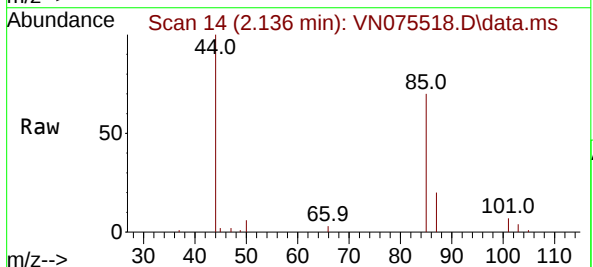
Acq: 01 Dec 2022 16:42

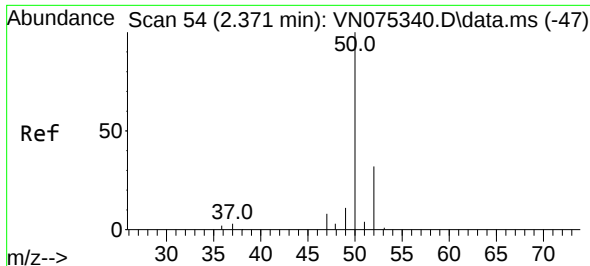
Tgt Ion: 85 Resp: 18677

Ion Ratio Lower Upper

85 100

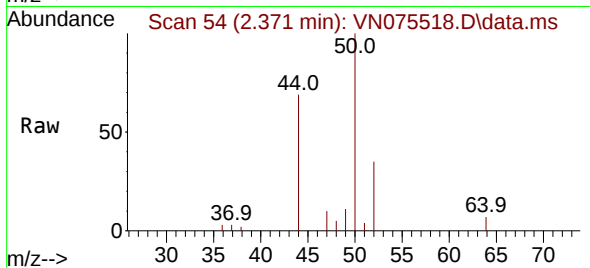
87 28.9 16.7 50.0





#3
Chloromethane
Concen: 16.050 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

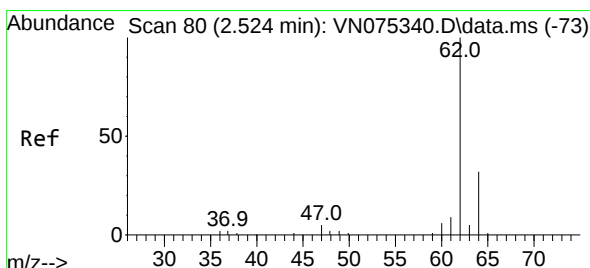
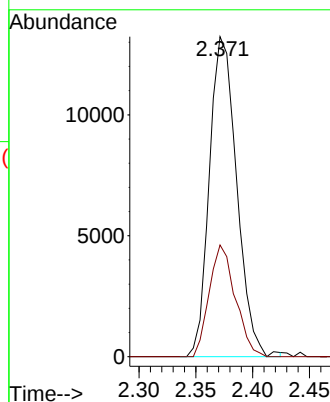
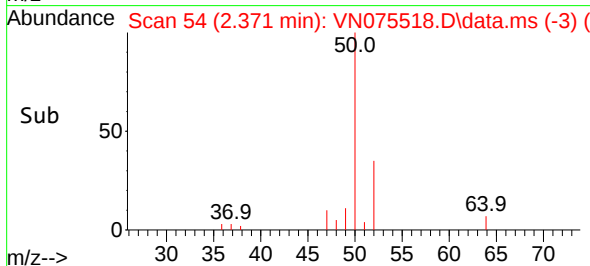
Instrument :
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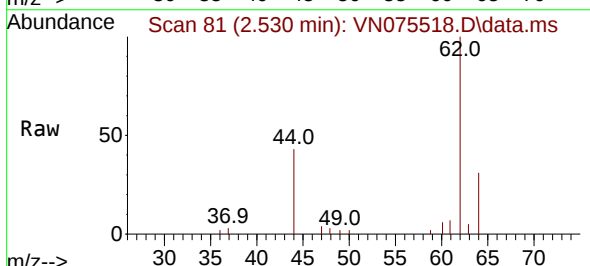
Tgt Ion: 50 Resp: 22170
Ion Ratio Lower Upper
50 100
52 34.9 25.8 38.6

Manual Integrations
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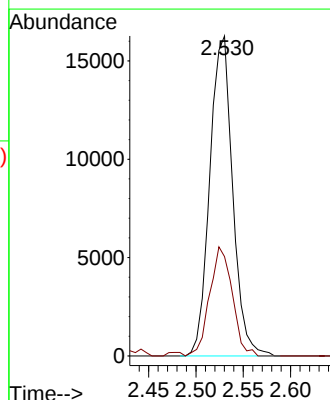
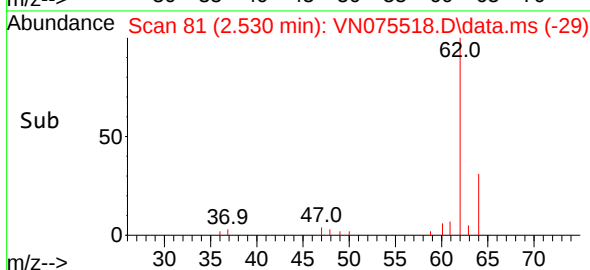
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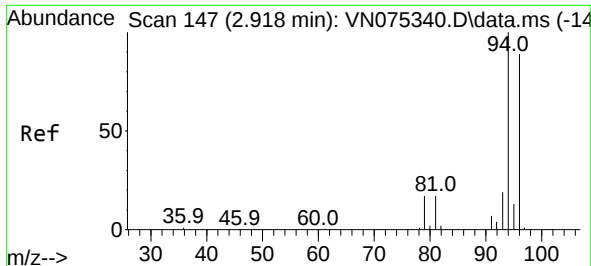


#4
Vinyl Chloride
Concen: 15.695 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion: 62 Resp: 27324
Ion Ratio Lower Upper
62 100
64 31.0 24.0 36.0





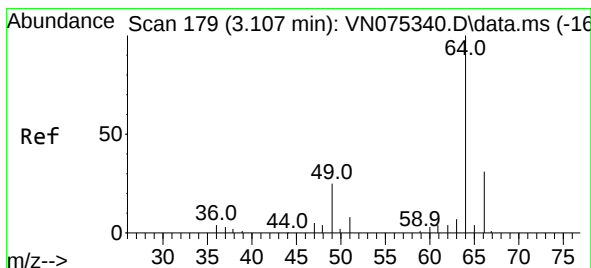
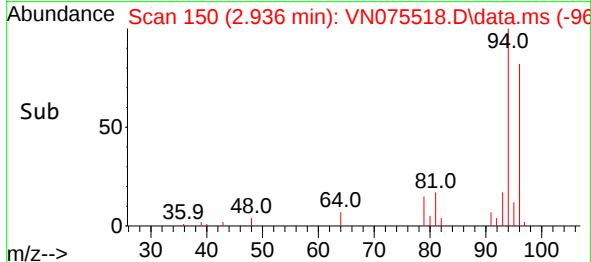
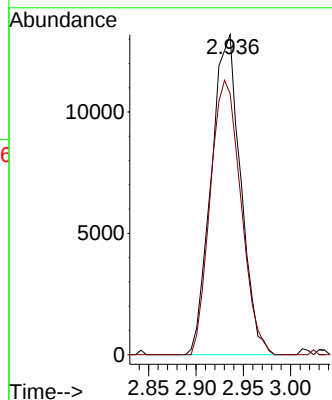
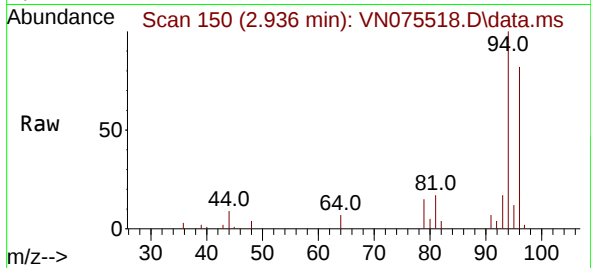
#5
Bromomethane
Concen: 18.617 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075518.D
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Tgt Ion: 94 Resp: 28500
Ion Ratio Lower Upper
94 100
96 81.6 71.8 107.6

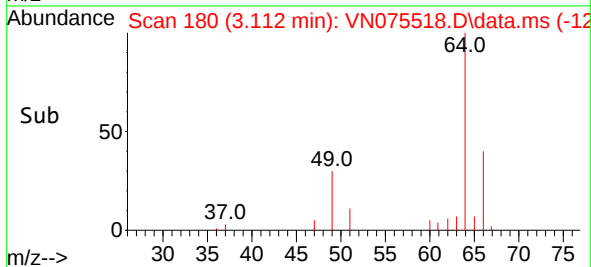
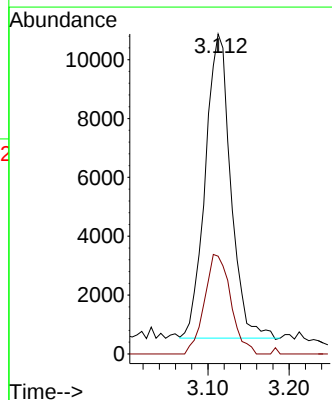
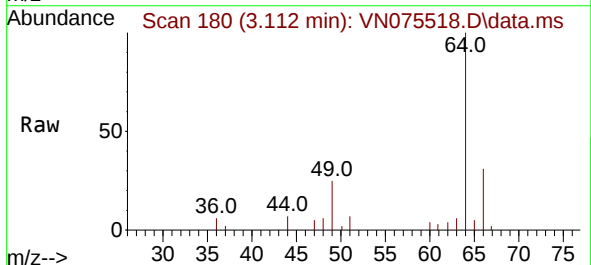
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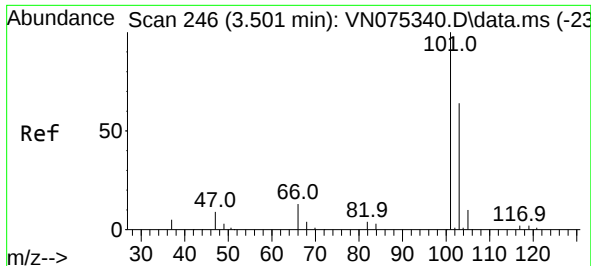
Reviewed By :John Carlone 12/02/2022
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#6
Chloroethane
Concen: 17.090 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 64 Resp: 22544
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8





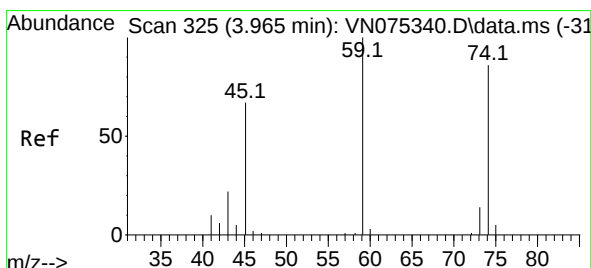
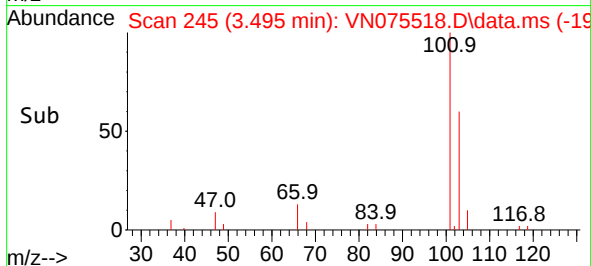
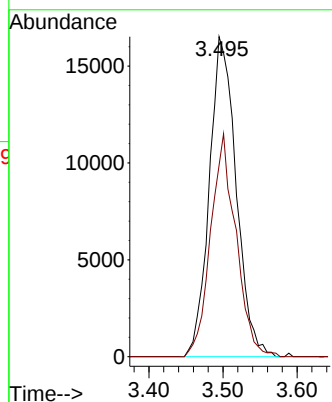
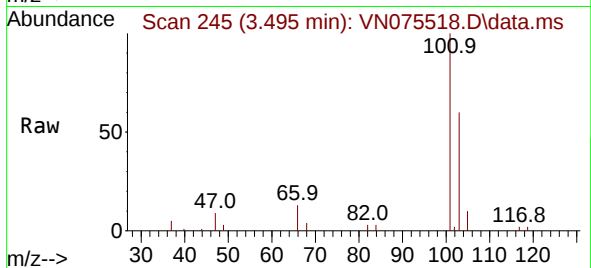
#7
Trichlorofluoromethane
Concen: 16.730 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
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Tgt Ion:101 Resp: 4160
Ion Ratio Lower Upper
101 100
103 59.8 50.5 75.7

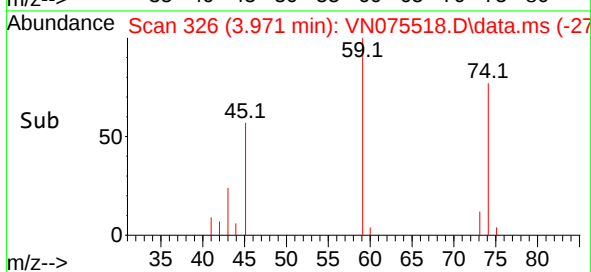
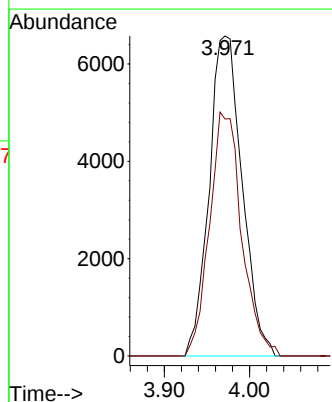
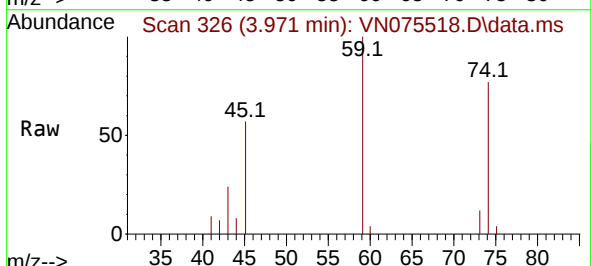
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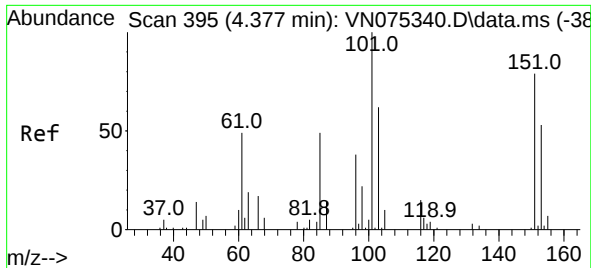
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#8
Diethyl Ether
Concen: 20.292 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

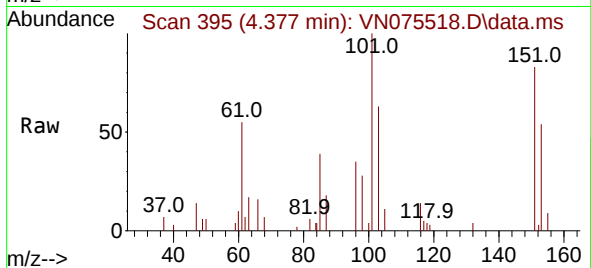
Tgt Ion: 74 Resp: 17688
Ion Ratio Lower Upper
74 100
45 74.1 39.3 117.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.194 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. 0.000 min
 Lab File: VN075518.D
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 ClientSampleId :
 VN1201MBSD01

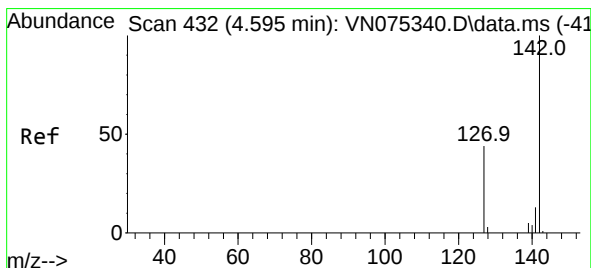
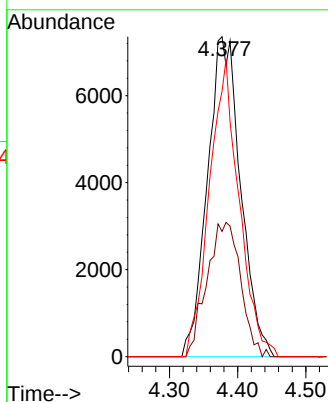


Tgt Ion:101 Resp: 24980

Ion	Ratio	Lower	Upper
101	100		
85	42.4	37.6	56.4
151	83.1	58.3	87.5

Manual Integrations
 APPROVED

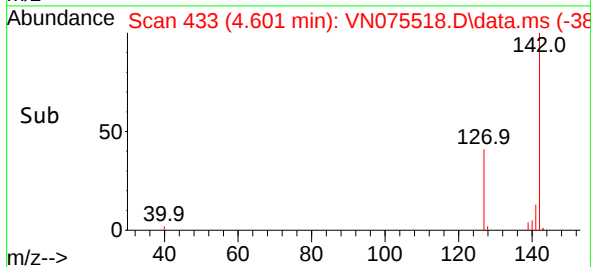
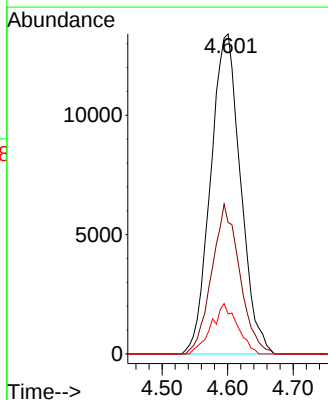
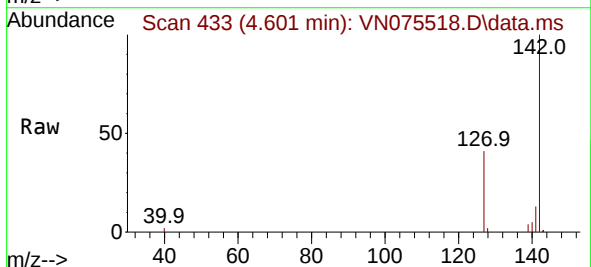
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

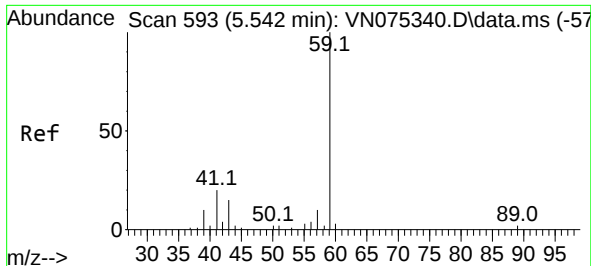


#10
 Methyl Iodide
 Concen: 19.119 ug/l
 RT: 4.601 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Tgt Ion:142 Resp: 42536

Ion	Ratio	Lower	Upper
142	100		
127	43.8	38.0	57.0
141	13.8	12.2	18.4





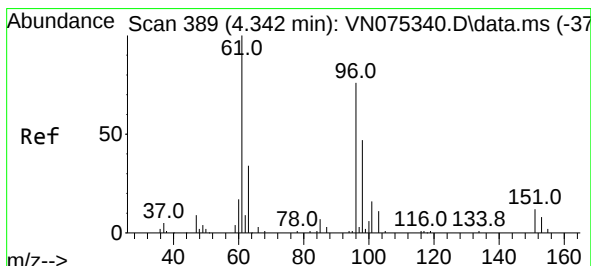
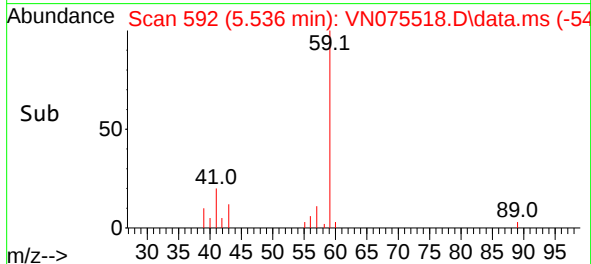
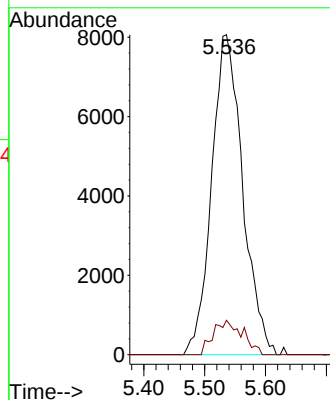
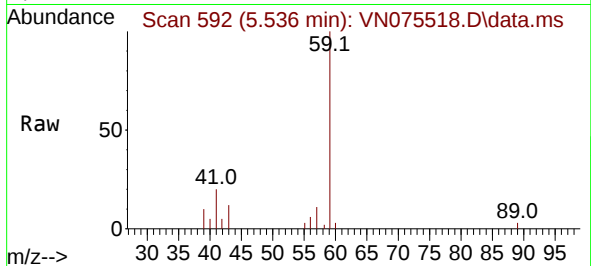
#11
Tert butyl alcohol
Concen: 87.078 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBS01

Tgt Ion: 59 Resp: 2848
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

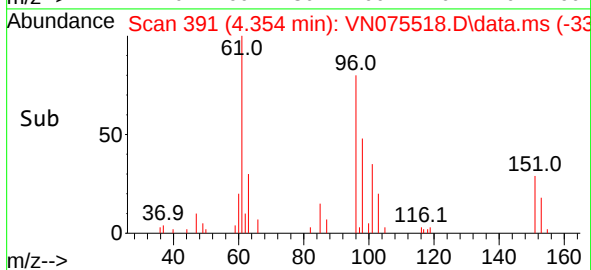
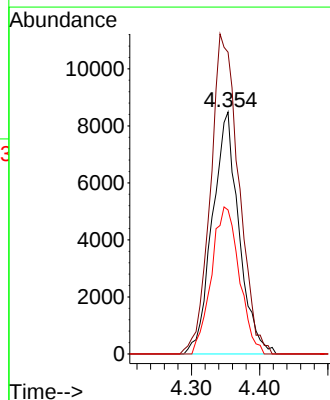
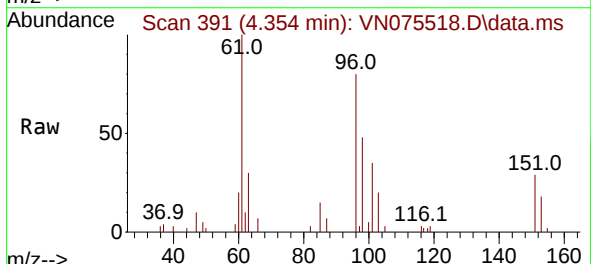
Manual Integrations
APPROVED

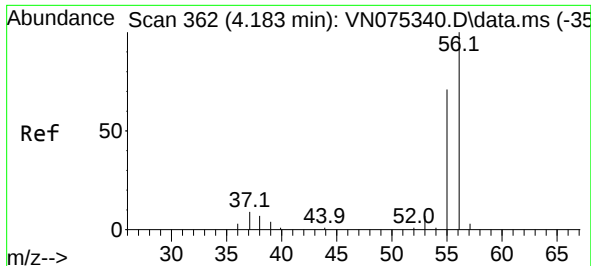
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#12
1,1-Dichloroethene
Concen: 17.109 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 96 Resp: 23002
Ion Ratio Lower Upper
96 100
61 124.7 126.2 189.4#
98 59.5 51.5 77.3





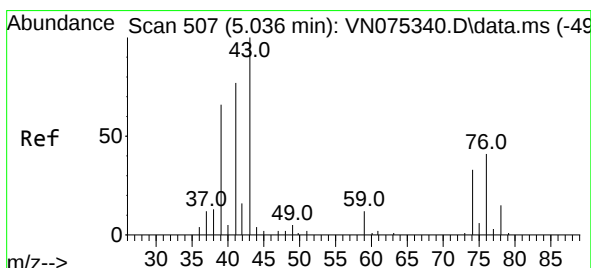
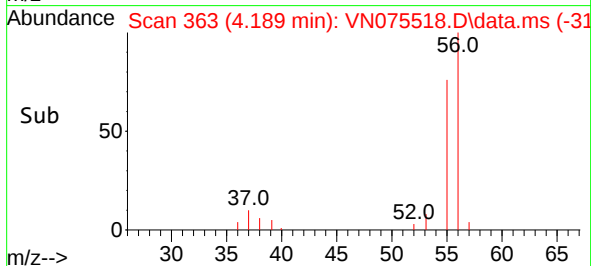
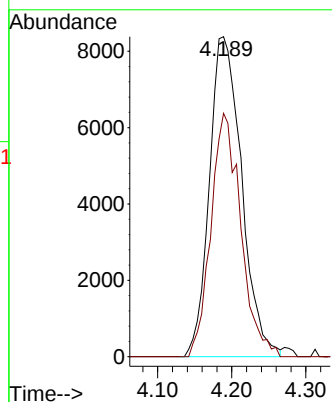
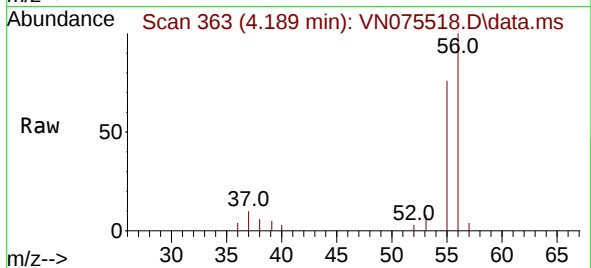
#13
Acrolein
Concen: 88.833 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 56 Resp: 2531
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8

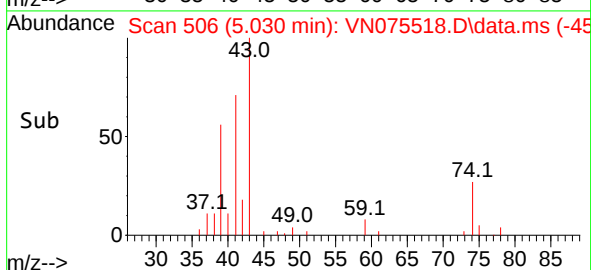
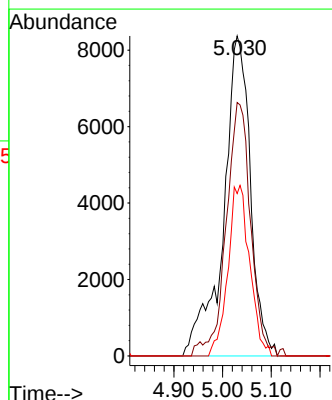
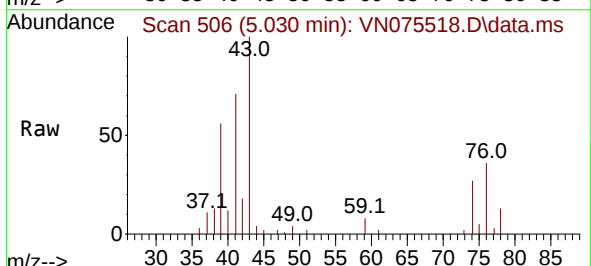
Manual Integrations
APPROVED

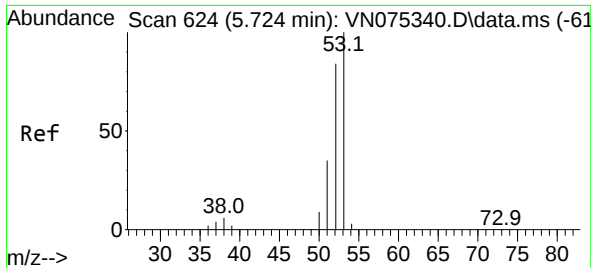
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#14
Allyl chloride
Concen: 18.520 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

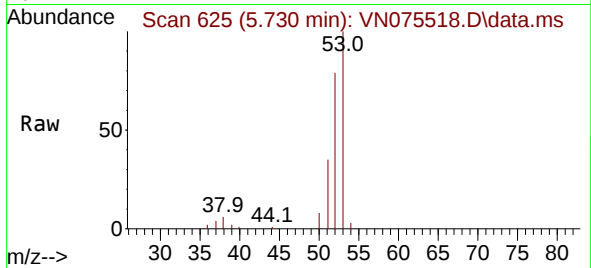
Tgt Ion: 41 Resp: 32208
Ion Ratio Lower Upper
41 100
39 70.5 61.0 91.4
76 43.0 33.4 50.0





#15
Acrylonitrile
Concen: 100.894 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

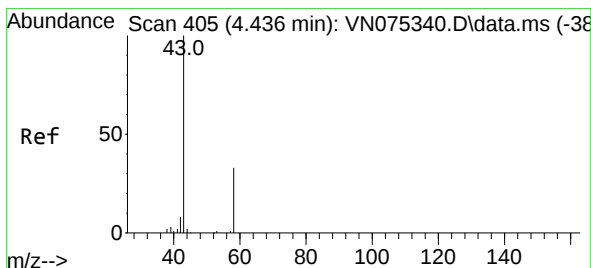
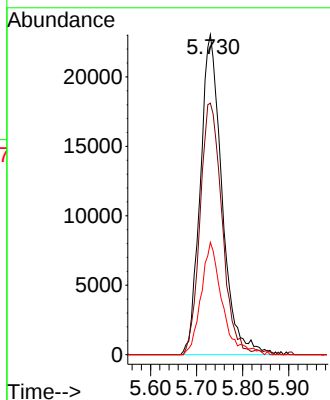
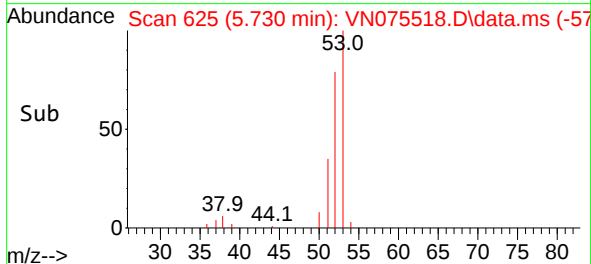
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion: 53 Resp: 7572
Ion Ratio Lower Upper
53 100
52 79.2 66.4 99.6
51 34.0 29.6 44.4

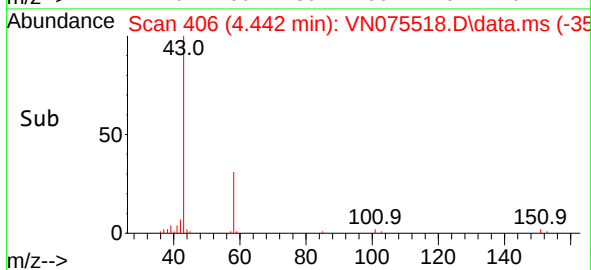
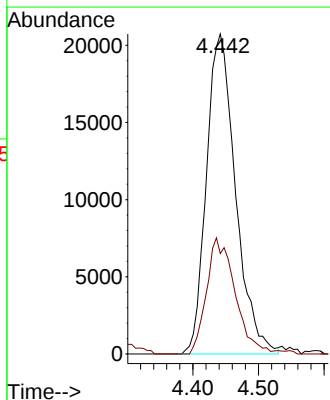
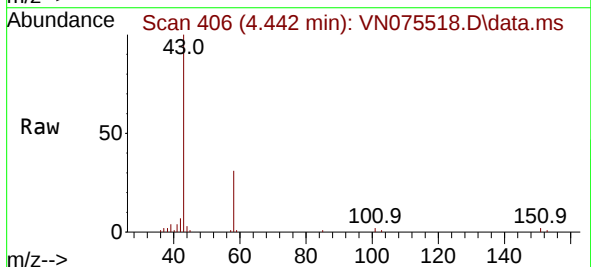
Manual Integrations
APPROVED

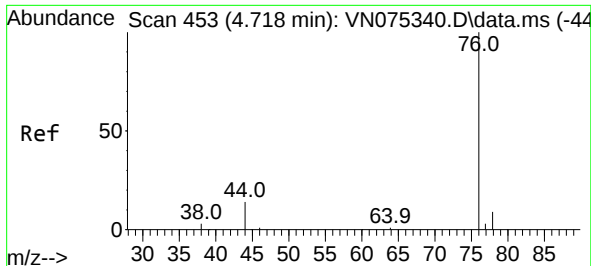
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#16
Acetone
Concen: 87.965 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 43 Resp: 63942
Ion Ratio Lower Upper
43 100
58 31.4 25.5 38.3





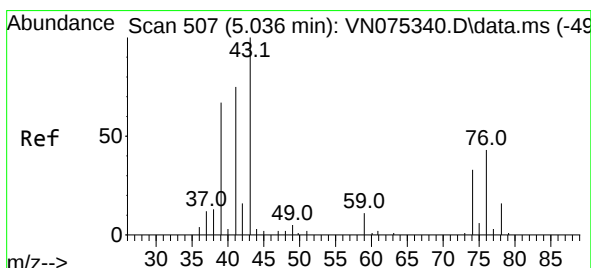
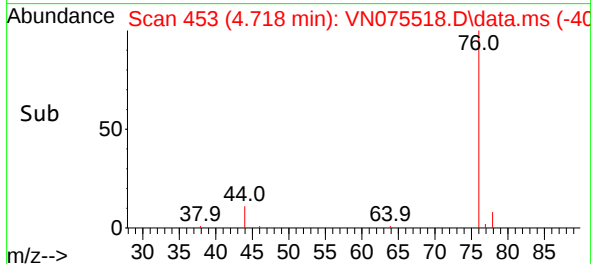
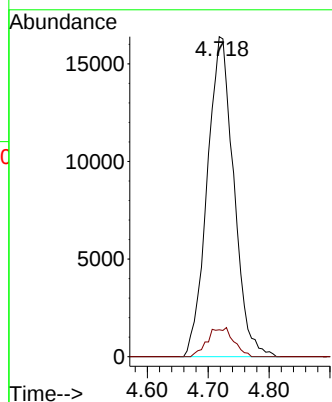
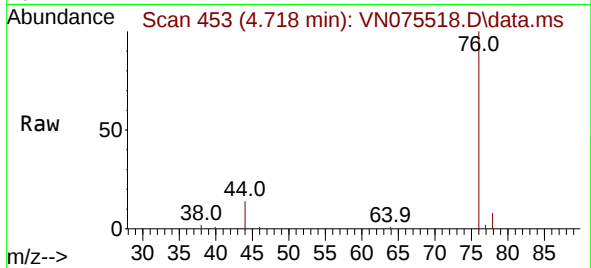
#17
Carbon Disulfide
Concen: 14.226 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 76 Resp: 49700
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

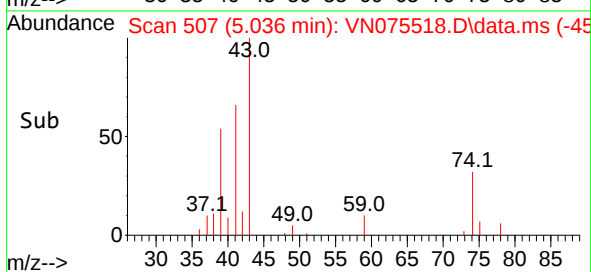
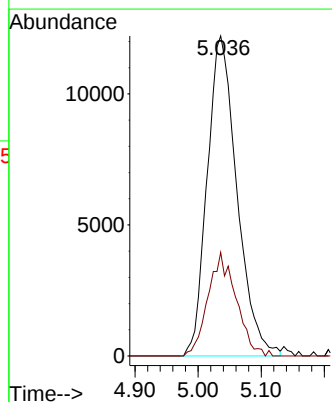
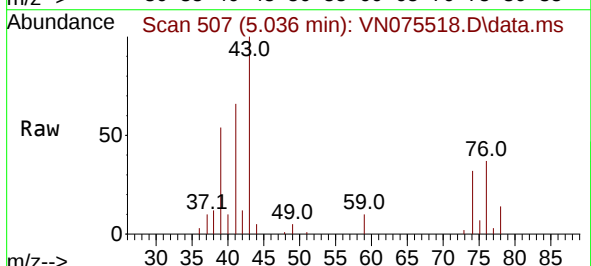
Manual Integrations
APPROVED

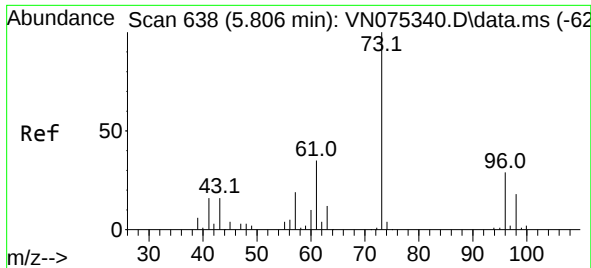
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#18
Methyl Acetate
Concen: 21.059 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 43 Resp: 39964
Ion Ratio Lower Upper
43 100
74 30.7 22.0 33.0





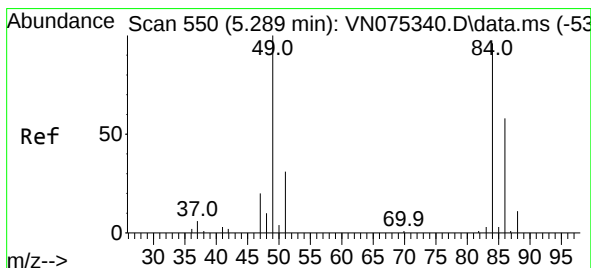
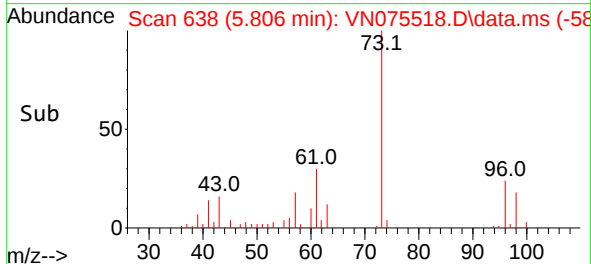
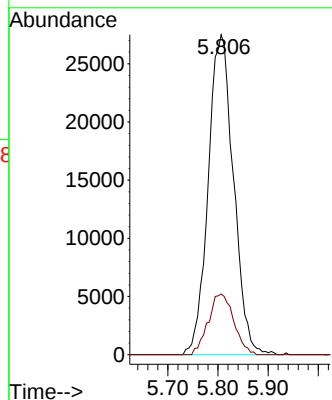
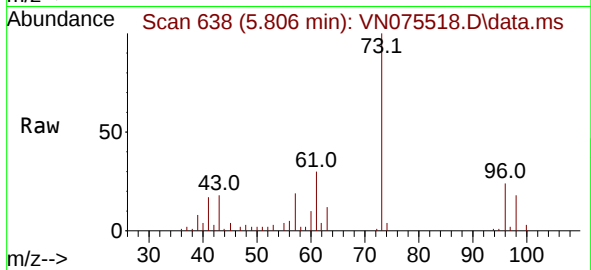
#19
Methyl tert-butyl Ether
Concen: 20.253 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 73 Resp: 96460
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

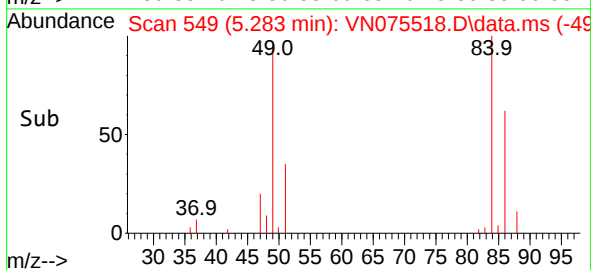
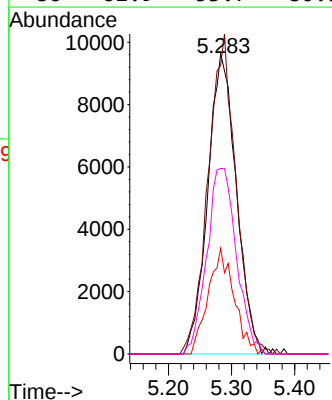
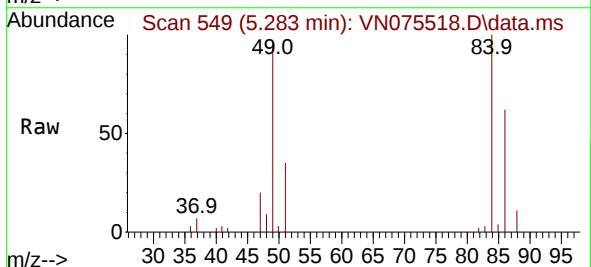
Manual Integrations
APPROVED

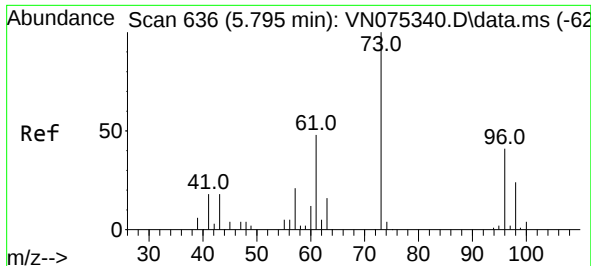
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#20
Methylene Chloride
Concen: 19.789 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 84 Resp: 30309
Ion Ratio Lower Upper
84 100
49 96.2 94.9 142.3
51 35.2 26.8 40.2
86 61.9 53.7 80.5





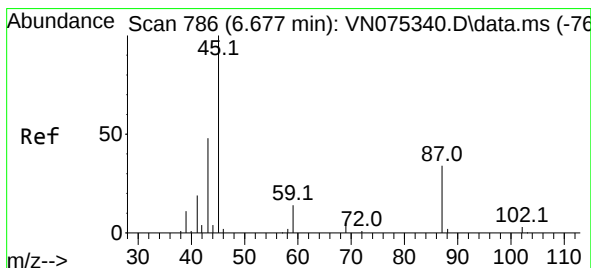
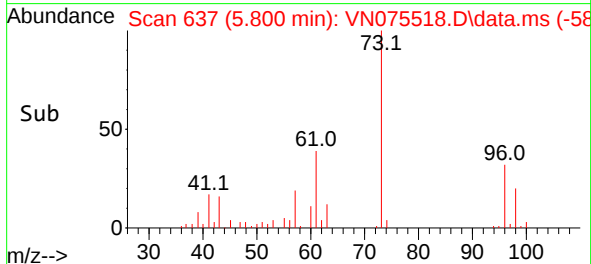
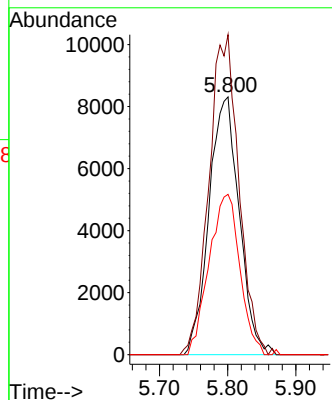
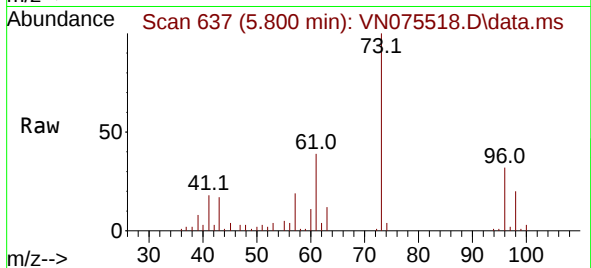
#21
trans-1,2-Dichloroethene
Concen: 16.738 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 96 Resp: 2564
Ion Ratio Lower Upper
96 100
61 124.1 99.9 149.9
98 62.2 51.5 77.3

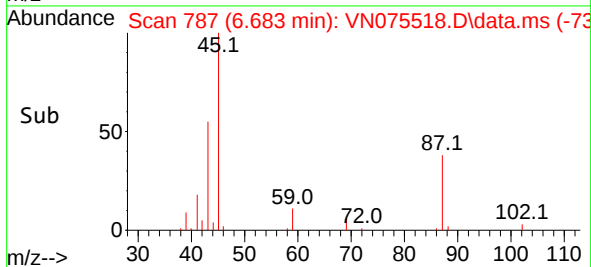
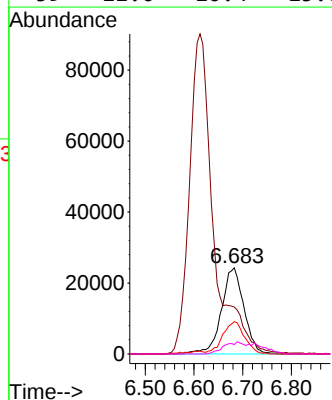
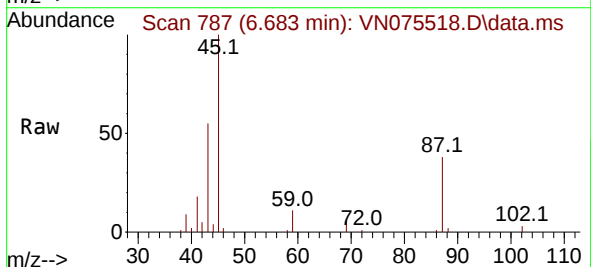
Manual Integrations
APPROVED

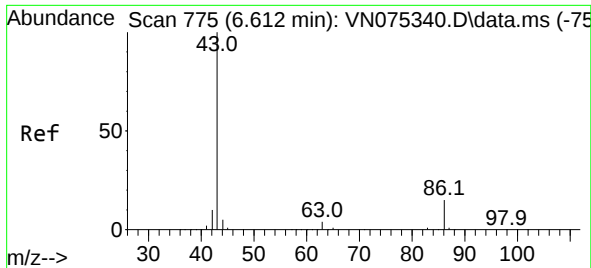
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#22
Diisopropyl ether
Concen: 19.603 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 45 Resp: 77795
Ion Ratio Lower Upper
45 100
43 52.7 42.8 64.2
87 37.6 28.4 42.6
59 11.0 10.4 15.6





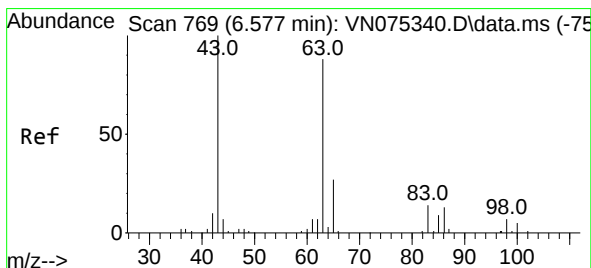
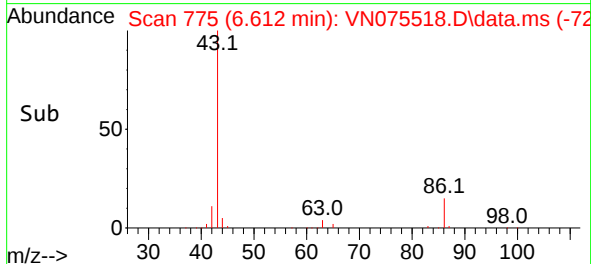
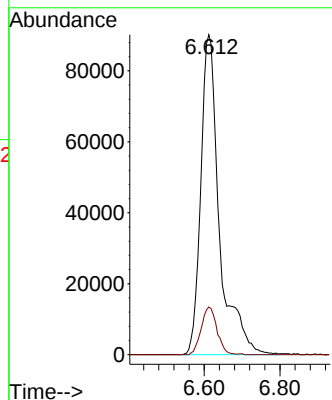
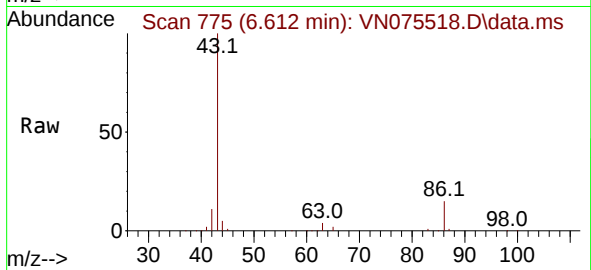
#23
 Vinyl Acetate
 Concen: 97.465 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBSD01

Tgt Ion: 43 Resp: 30771
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.7 16.1

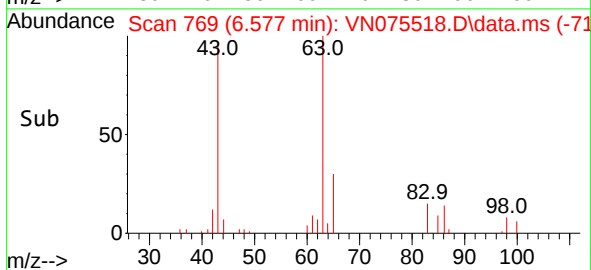
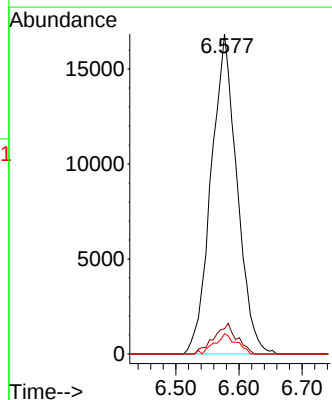
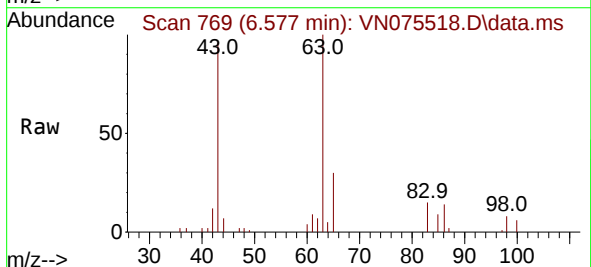
Manual Integrations
 APPROVED

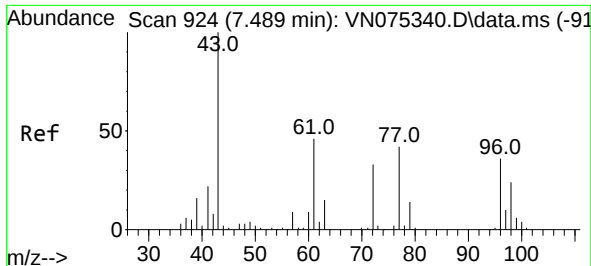
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#24
 1,1-Dichloroethane
 Concen: 18.828 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Tgt Ion: 63 Resp: 47961
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 6.3 2.4 7.2





#25

2-Butanone

Concen: 91.882 ug/l

RT: 7.495 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion: 43 Resp: 93240

Ion Ratio Lower Upper

43 100

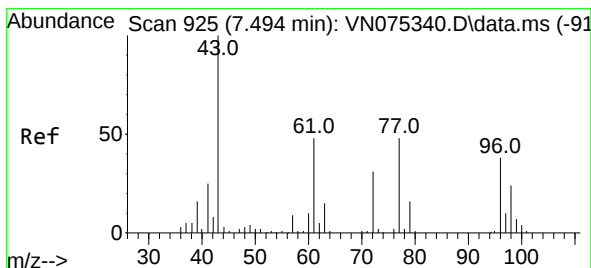
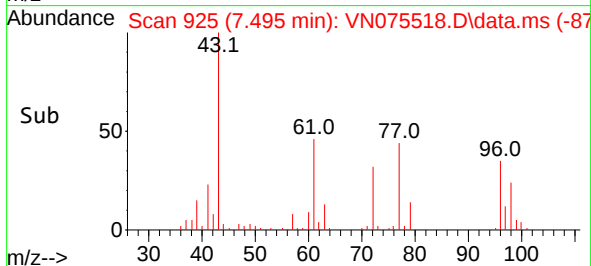
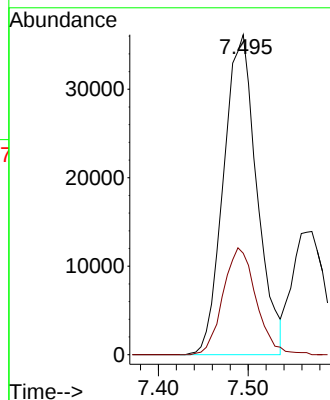
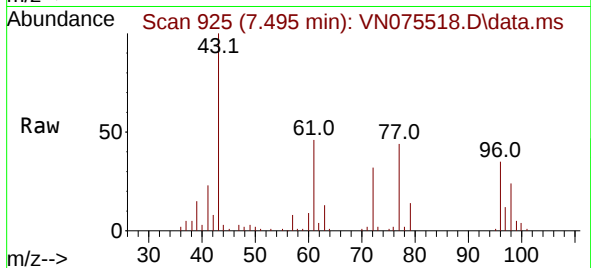
72 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#26

2,2-Dichloropropane

Concen: 17.838 ug/l

RT: 7.495 min Scan# 925

Delta R.T. 0.001 min

Lab File: VN075518.D

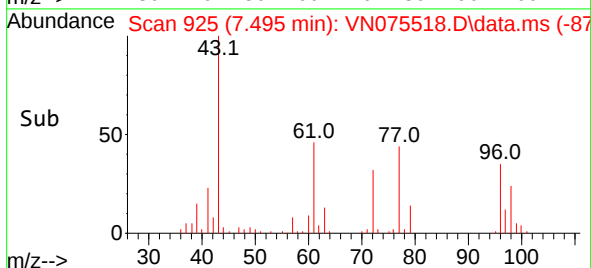
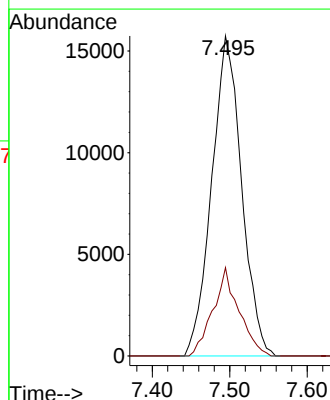
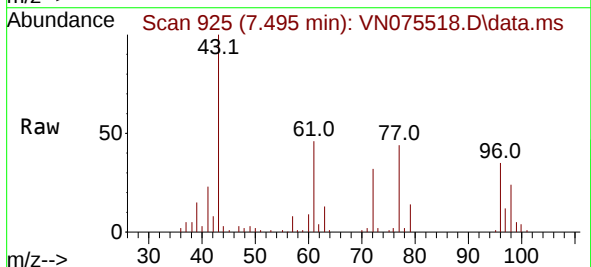
Acq: 01 Dec 2022 16:42

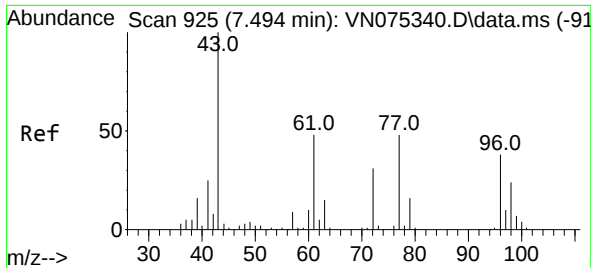
Tgt Ion: 77 Resp: 42230

Ion Ratio Lower Upper

77 100

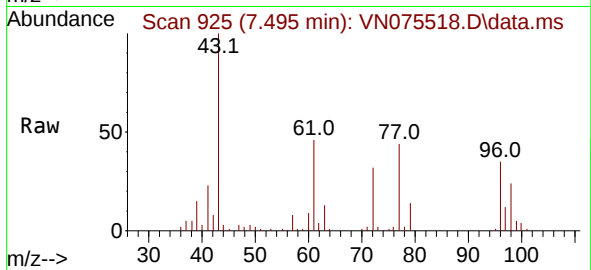
97 24.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.407 ug/l
 RT: 7.495 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

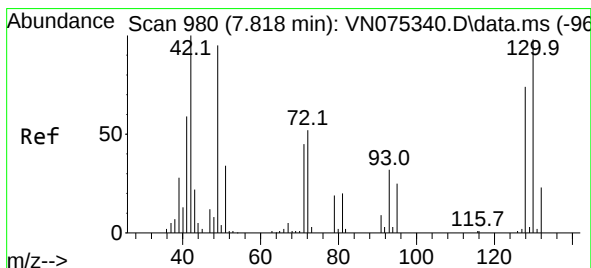
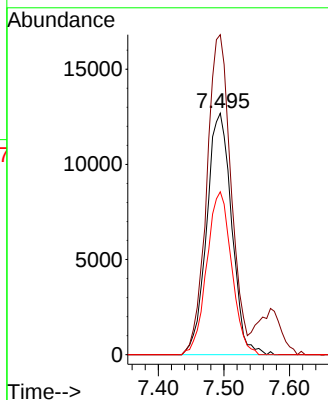
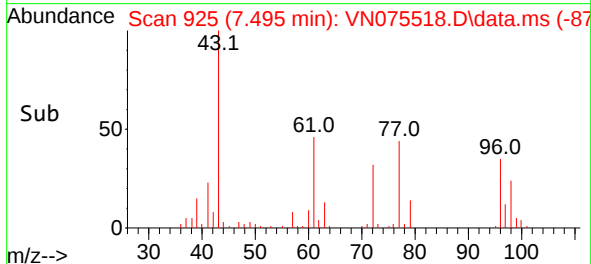
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBSD01



Tgt Ion: 96 Resp: 3362
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 278.8
 98 67.2 0.0 128.4

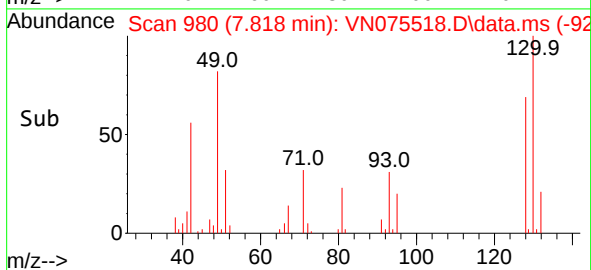
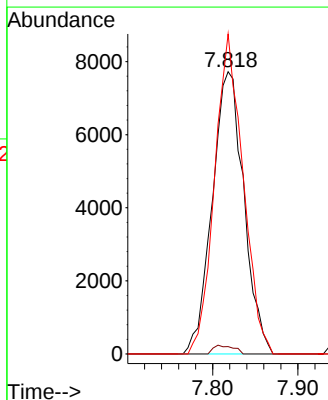
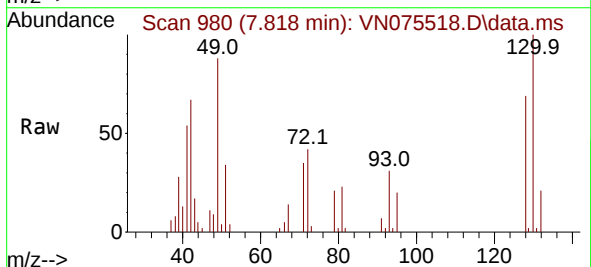
Manual Integrations
 APPROVED

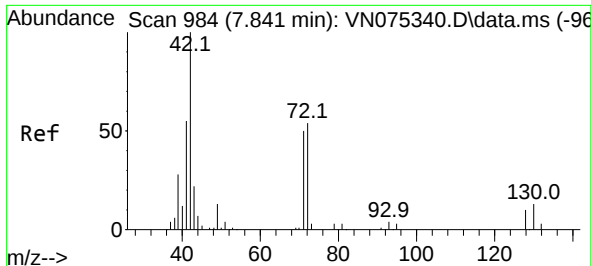
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#28
 Bromochloromethane
 Concen: 19.226 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Tgt Ion: 49 Resp: 19879
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 102.3 66.2 99.4#





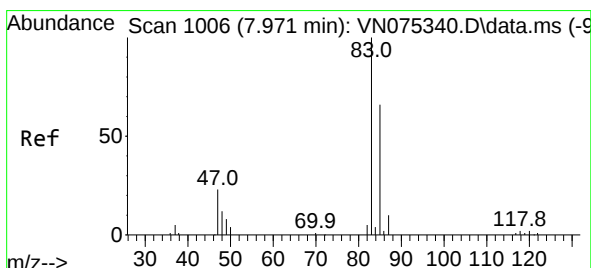
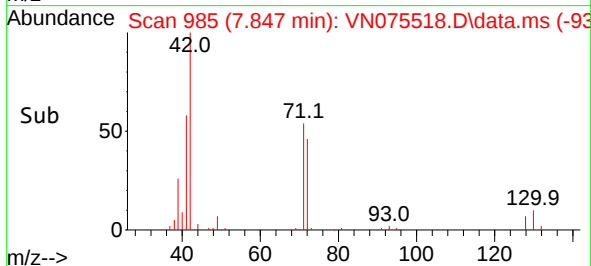
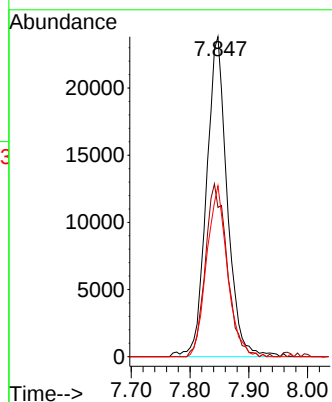
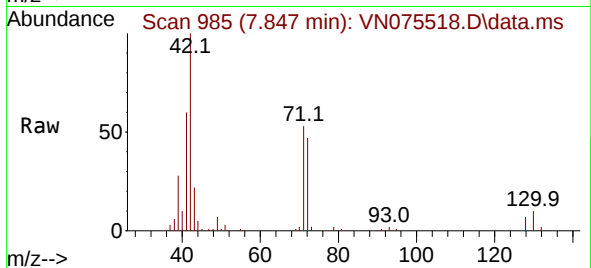
#29
Tetrahydrofuran
Concen: 94.172 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 42 Resp: 5813
Ion Ratio Lower Upper
42 100
72 56.9 43.0 64.6
71 53.7 39.9 59.9

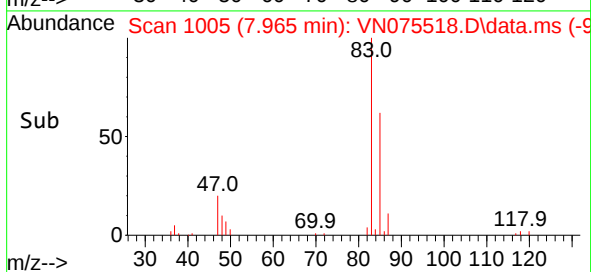
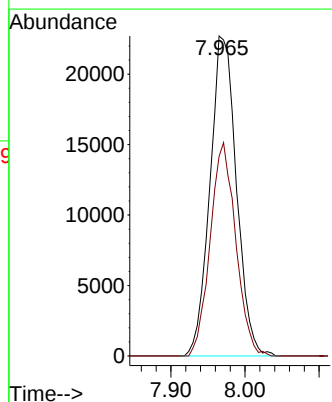
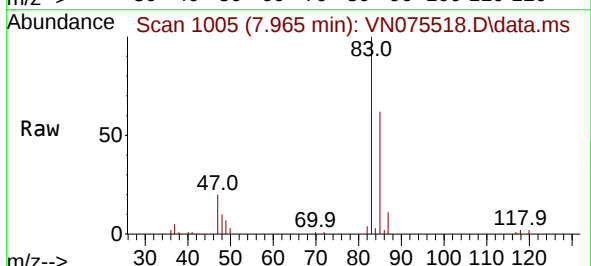
Manual Integrations
APPROVED

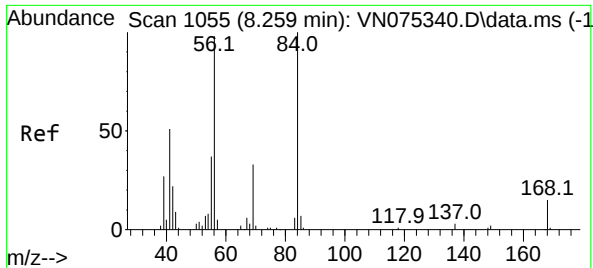
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#30
Chloroform
Concen: 19.260 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

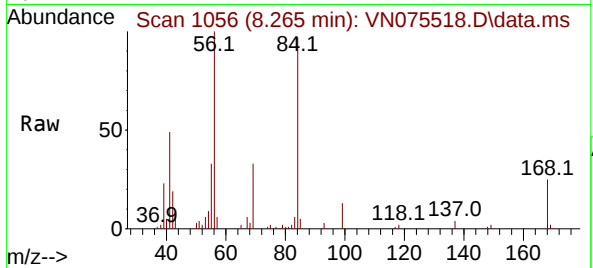
Tgt Ion: 83 Resp: 56340
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0





#31
Cyclohexane
Concen: 15.805 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

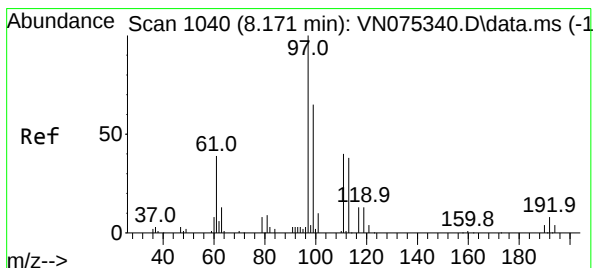
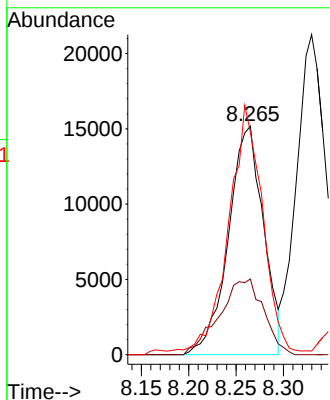
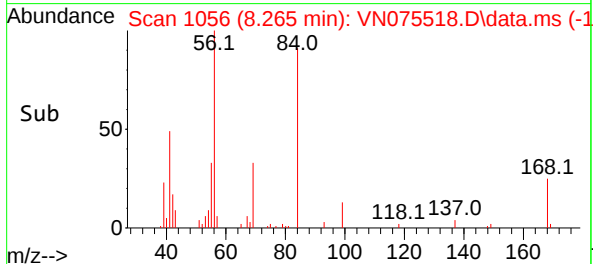
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 33.1 25.2 37.8
84 95.0 77.8 116.8

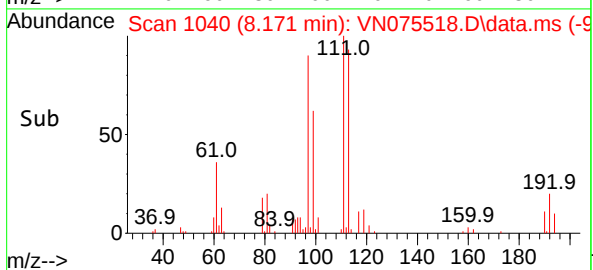
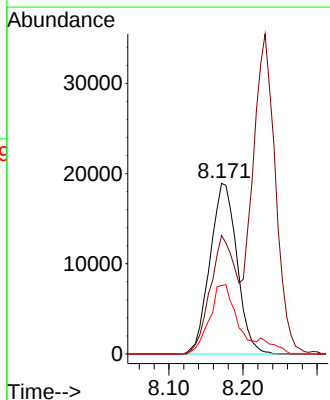
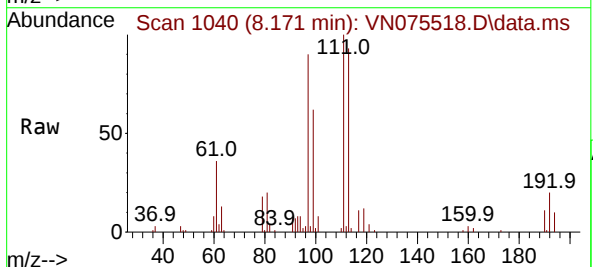
Manual Integrations
APPROVED

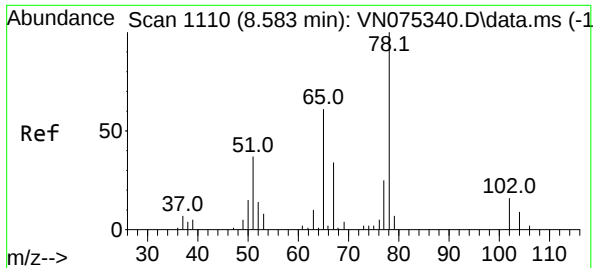
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#32
1,1,1-Trichloroethane
Concen: 18.009 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 97 Resp: 47832
Ion Ratio Lower Upper
97 100
99 64.6 50.2 75.2
61 41.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.932 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBS01

Tgt Ion: 65 Resp: 3891

Ion Ratio Lower Upper

65 100

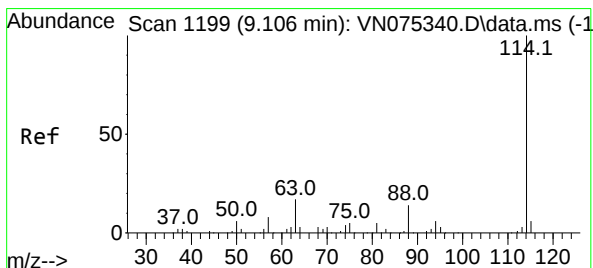
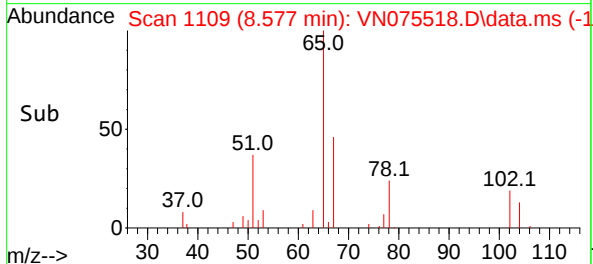
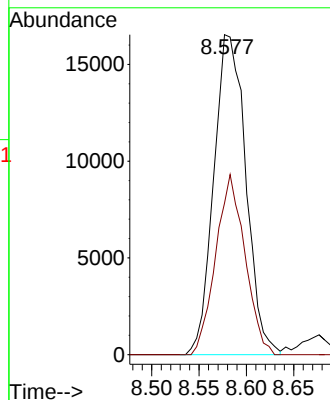
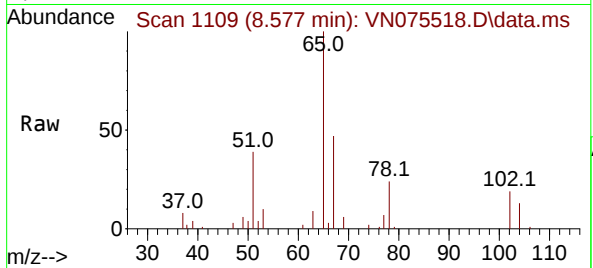
67 51.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

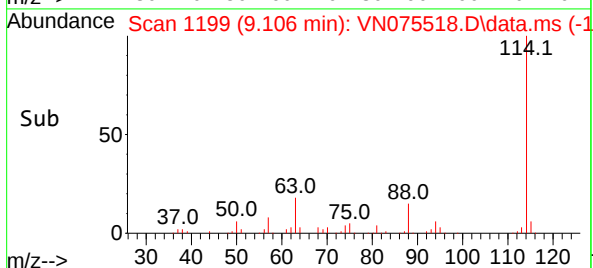
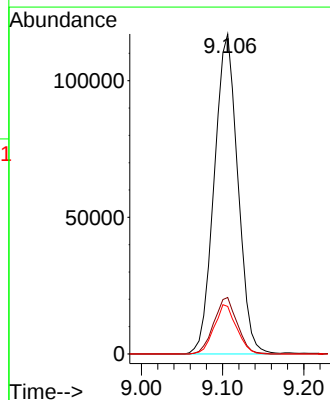
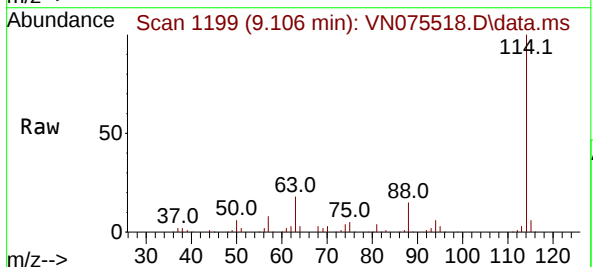
Tgt Ion:114 Resp: 236264

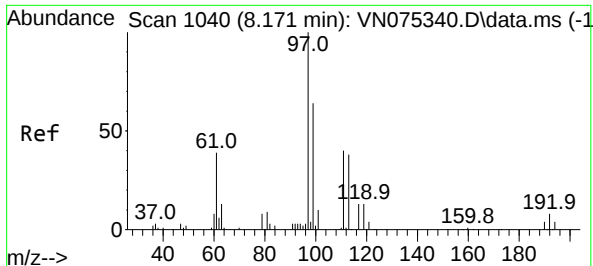
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.709 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion: 113 Resp: 47992

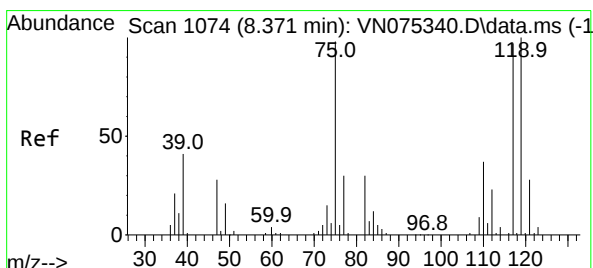
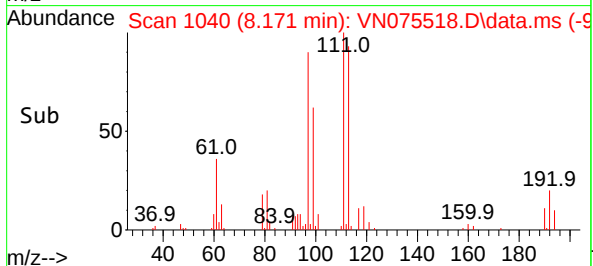
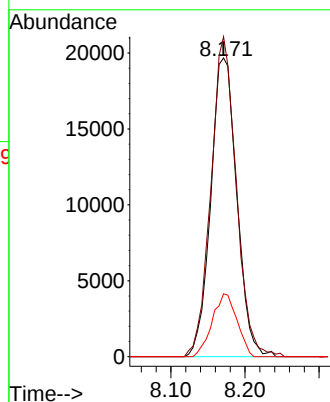
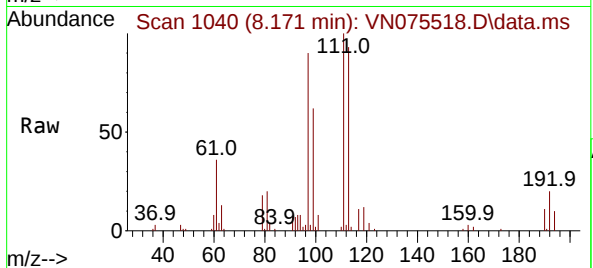
Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.5	120.7
192	20.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#36

1,1-Dichloropropene

Concen: 17.366 ug/l

RT: 8.371 min Scan# 1074

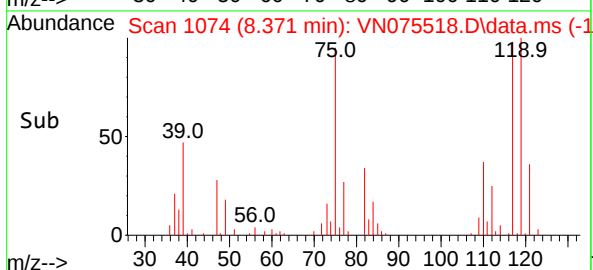
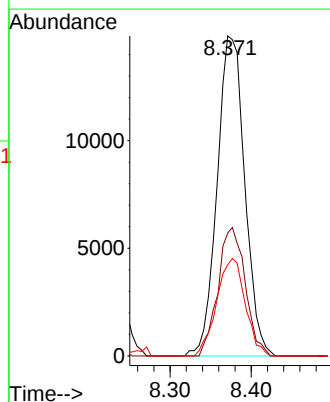
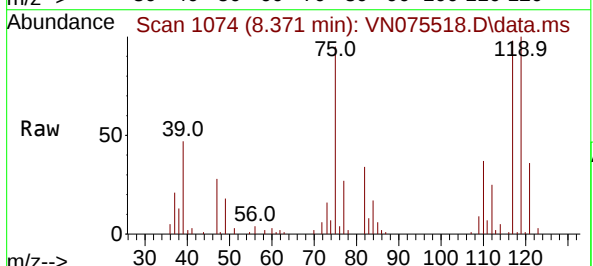
Delta R.T. -0.000 min

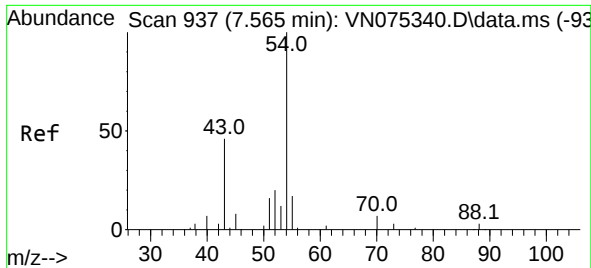
Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Tgt Ion: 75 Resp: 35150

Ion	Ratio	Lower	Upper
75	100		
110	39.6	17.8	53.3
77	31.4	24.6	37.0





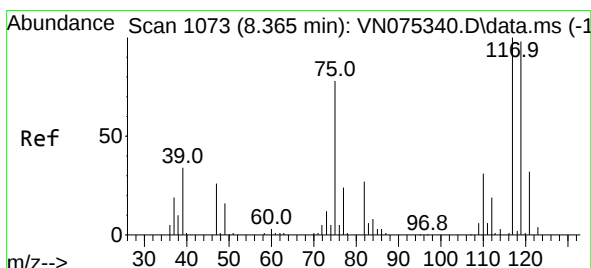
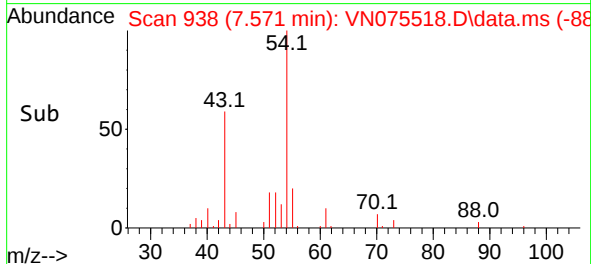
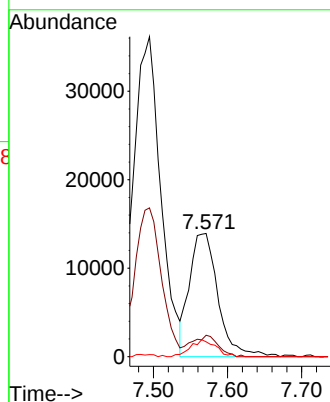
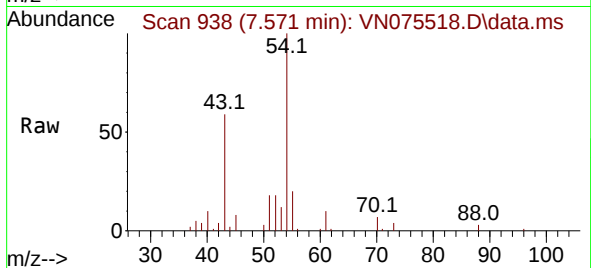
#37
Ethyl Acetate
Concen: 20.476 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 43 Resp: 37318
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.4
70 12.1 9.4 14.2

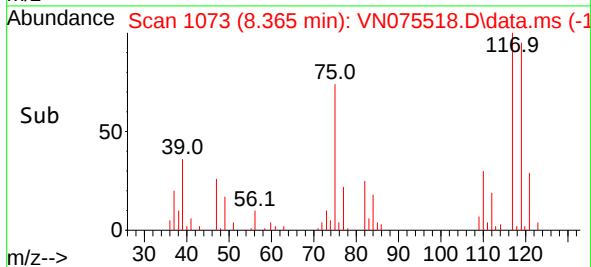
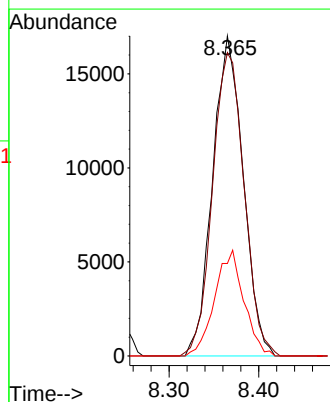
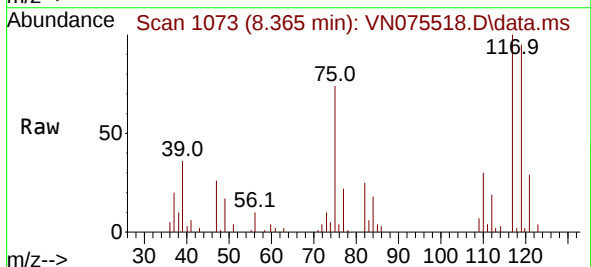
Manual Integrations
APPROVED

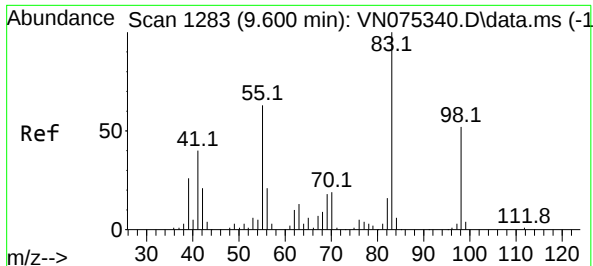
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#38
Carbon Tetrachloride
Concen: 18.118 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion:117 Resp: 40285
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 28.9 23.9 35.9





#39

Methylcyclohexane

Concen: 17.429 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion: 83 Resp: 44149

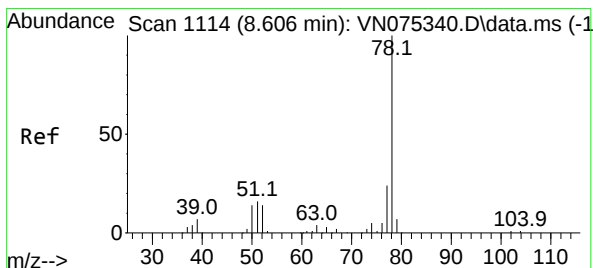
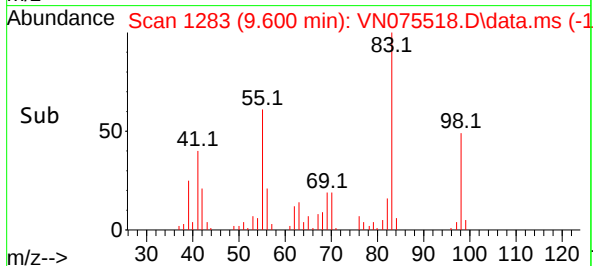
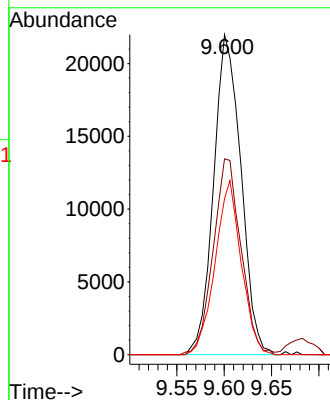
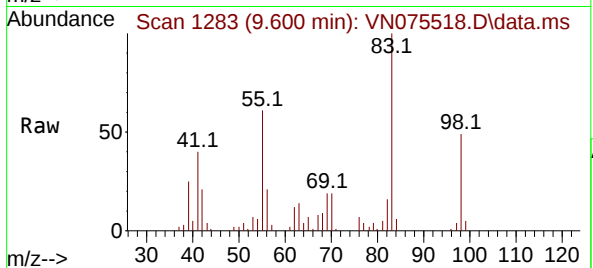
Ion	Ratio	Lower	Upper
83	100		
55	61.2	53.6	80.4
98	48.7	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 19.230 ug/l

RT: 8.606 min Scan# 1114

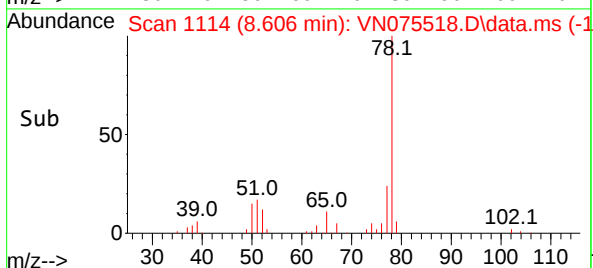
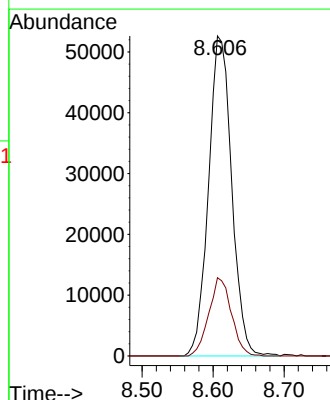
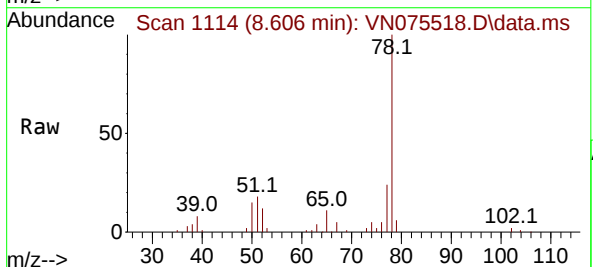
Delta R.T. 0.000 min

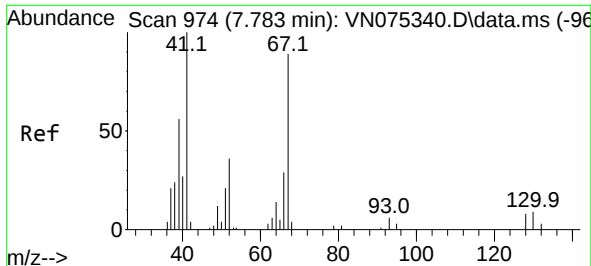
Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Tgt Ion: 78 Resp: 119170

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





#41
Methacrylonitrile
Concen: 21.095 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

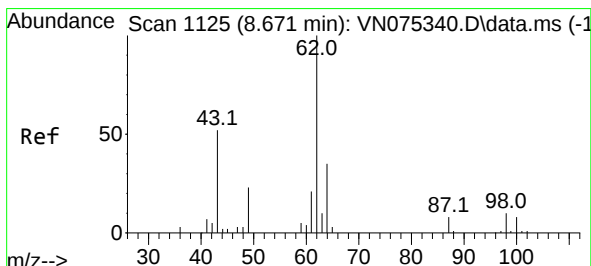
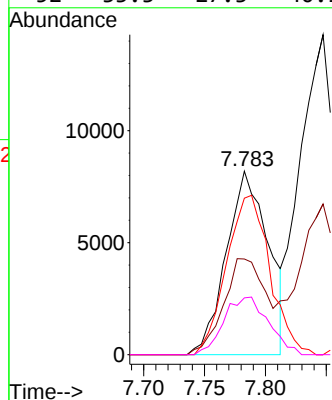
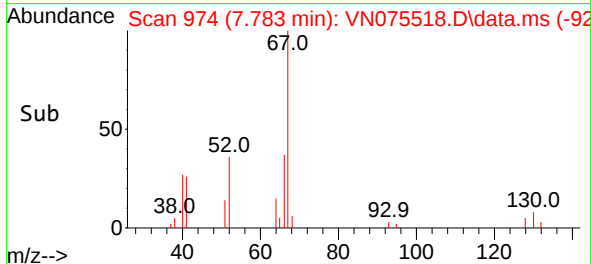
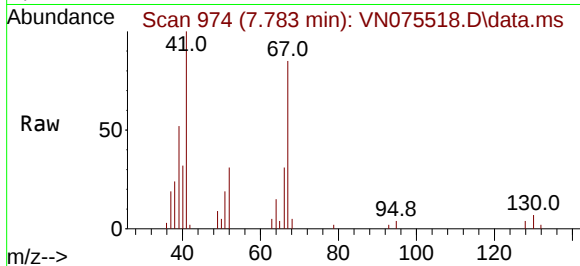
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 41 Resp: 1965

Ion	Ratio	Lower	Upper
41	100		
39	51.6	44.4	66.6
67	89.7	69.8	104.6
52	33.3	27.3	40.9

Manual Integrations
APPROVED

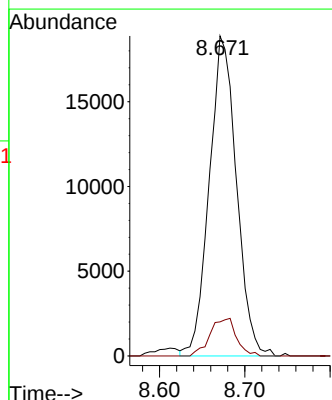
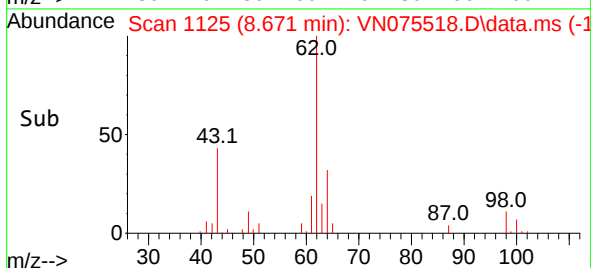
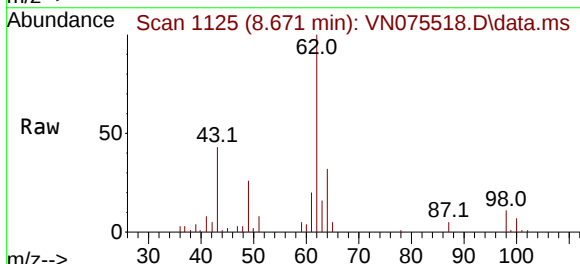
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

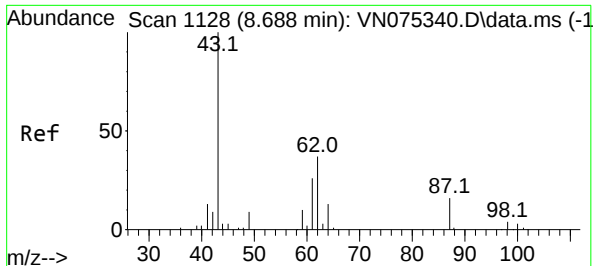


#42
1,2-Dichloroethane
Concen: 20.155 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 62 Resp: 41831

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.651 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

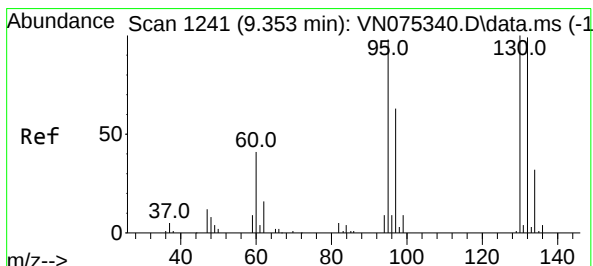
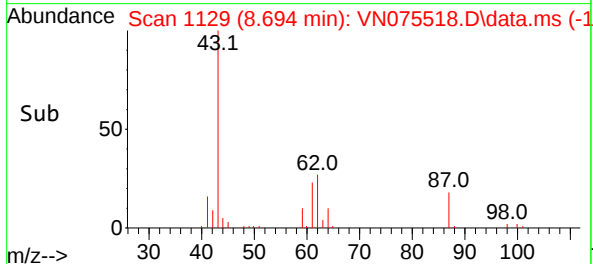
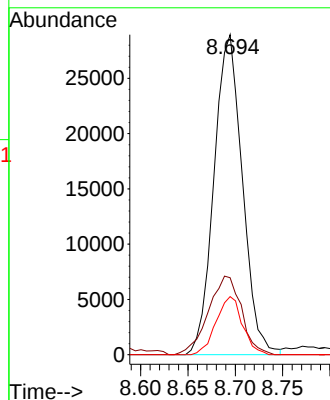
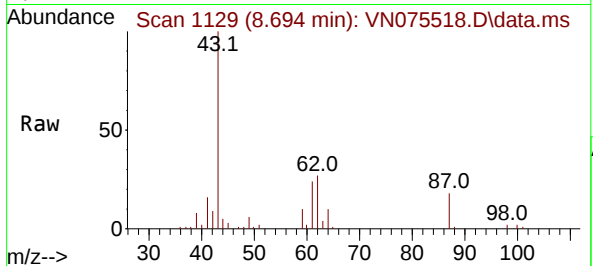
Tgt Ion: 43	Resp: 60410
Ion Ratio	Lower Upper
43	100
61	28.5 22.4 33.6
87	16.8 12.5 18.7

Manual Integrations

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Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#44

Trichloroethene

Concen: 18.723 ug/l

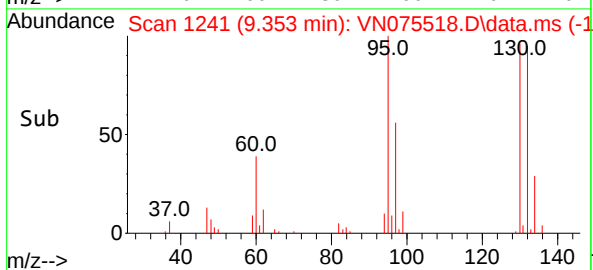
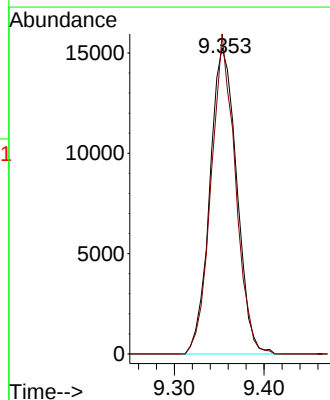
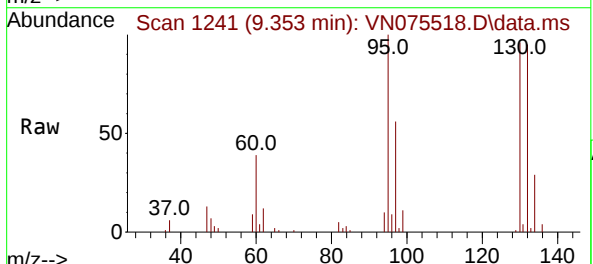
RT: 9.353 min Scan# 1241

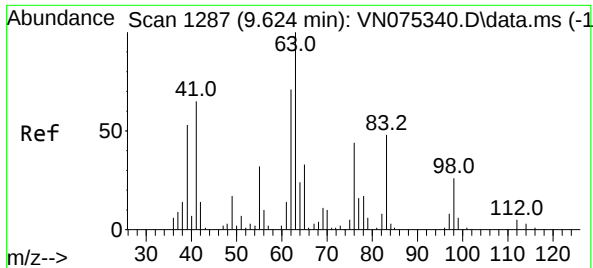
Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Tgt Ion:130	Resp: 31748
Ion Ratio	Lower Upper
130	100
95	104.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.814 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBS01

Tgt Ion: 63 Resp: 29260

Ion Ratio Lower Upper

63 100

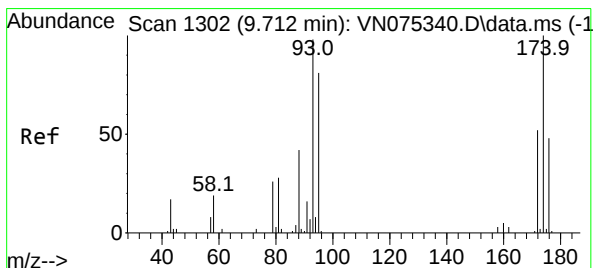
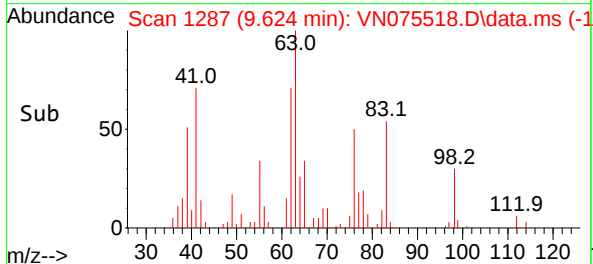
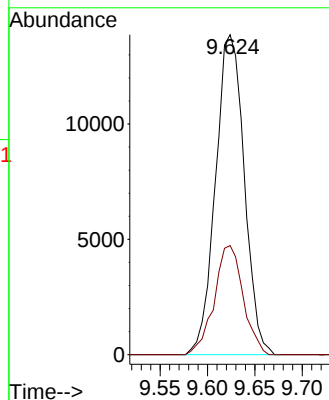
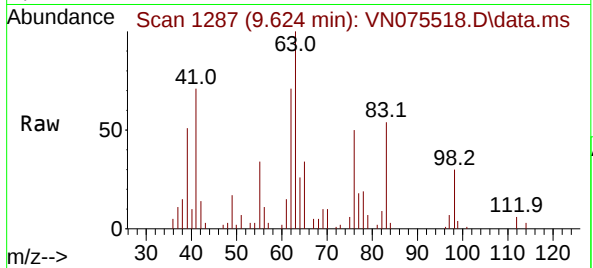
65 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#46

Dibromomethane

Concen: 20.955 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

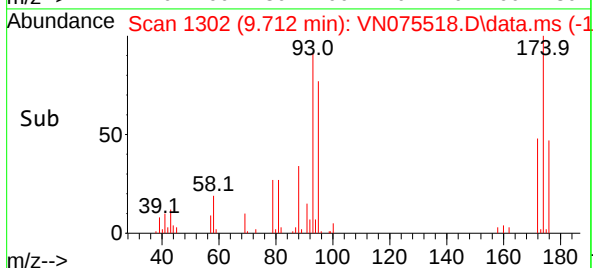
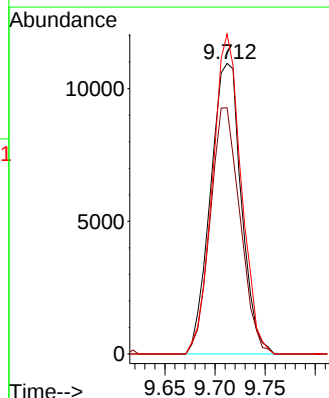
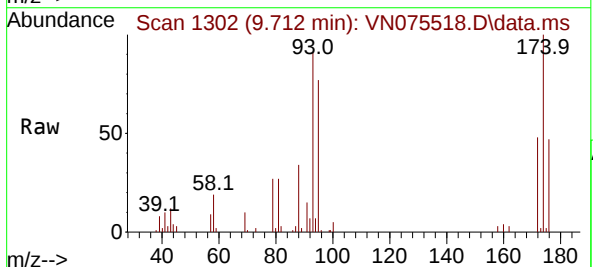
Tgt Ion: 93 Resp: 23407

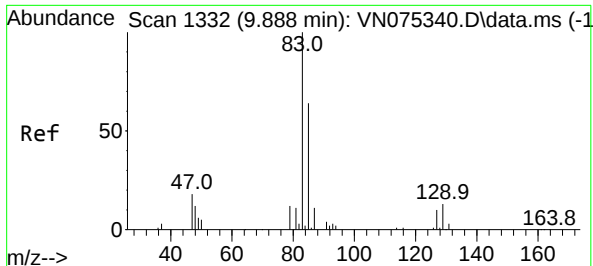
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 102.6 70.3 105.5





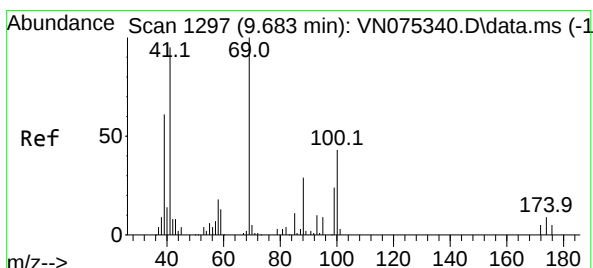
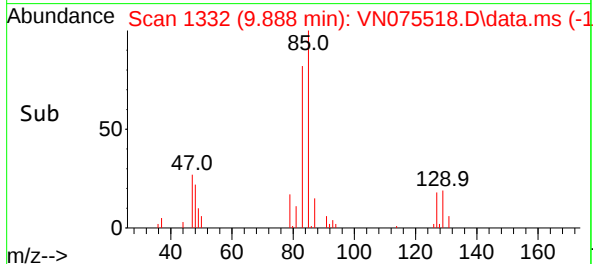
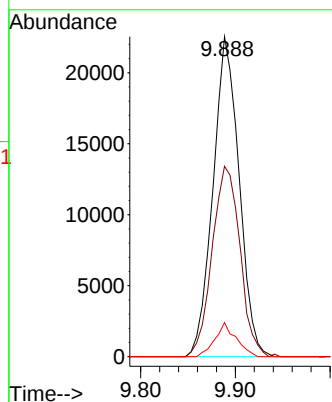
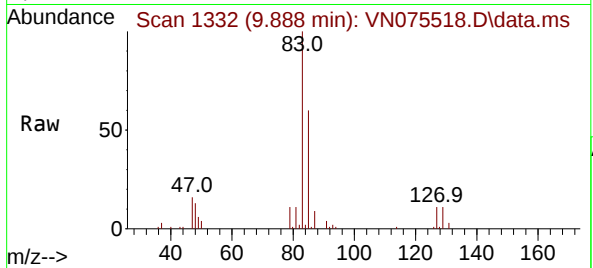
#47
Bromodichloromethane
Concen: 19.959 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 83 Resp: 43174
Ion Ratio Lower Upper
83 100
85 59.5 52.1 78.1
127 10.7 6.6 10.0

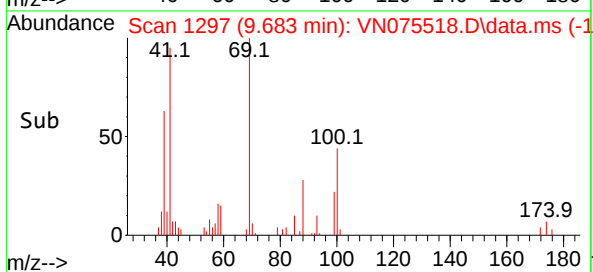
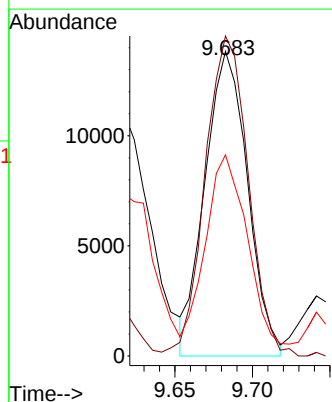
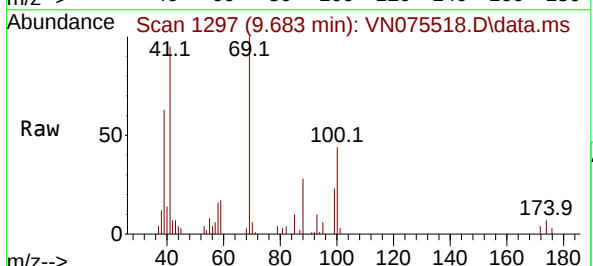
Manual Integrations
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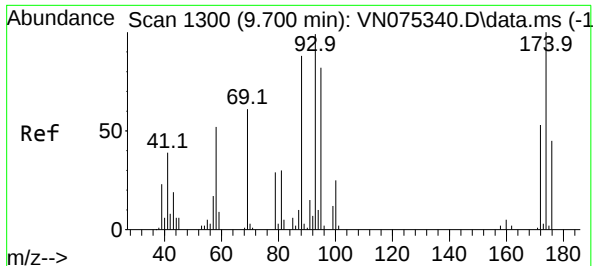
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#48
Methyl methacrylate
Concen: 19.545 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion: 41 Resp: 26438
Ion Ratio Lower Upper
41 100
69 106.1 80.2 120.2
39 67.3 56.2 84.2





#49

1,4-Dioxane

Concen: 389.854 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion: 88 Resp: 14974

Ion Ratio Lower Upper

88 100

43 21.4 17.5 26.3

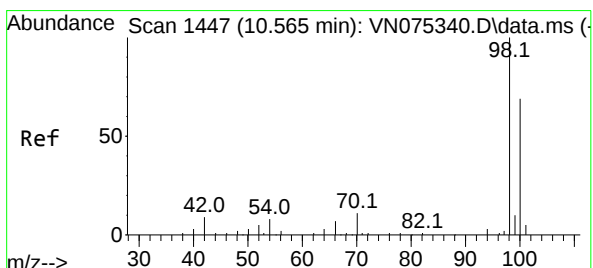
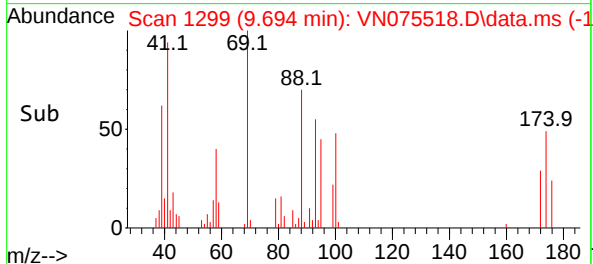
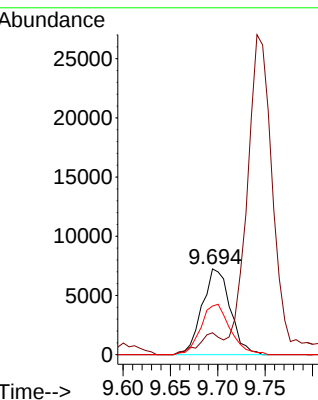
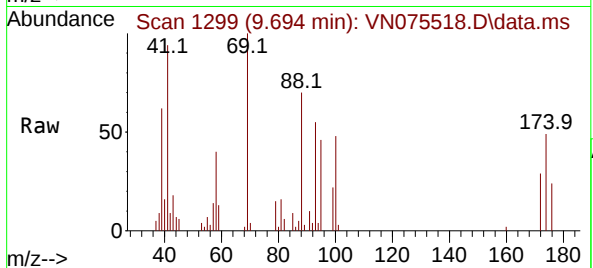
58 61.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#50

Toluene-d8

Concen: 49.229 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075518.D

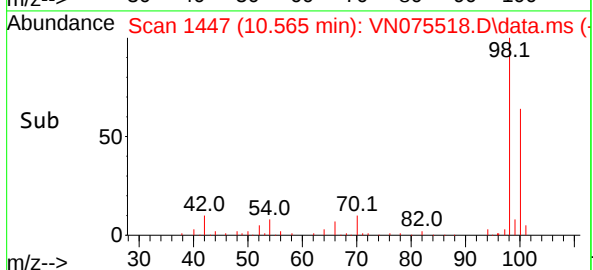
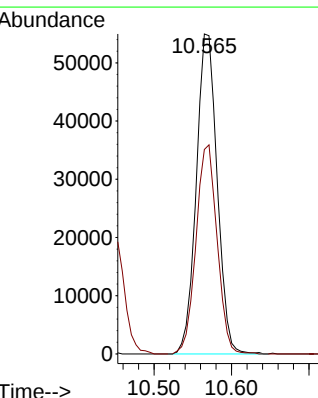
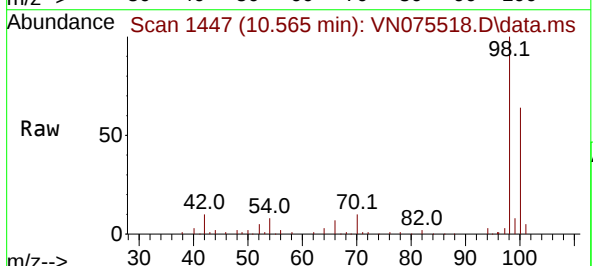
Acq: 01 Dec 2022 16:42

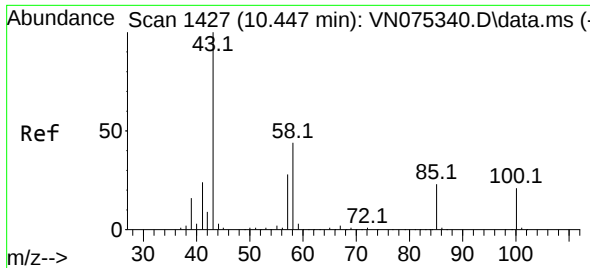
Tgt Ion: 98 Resp: 102907

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6





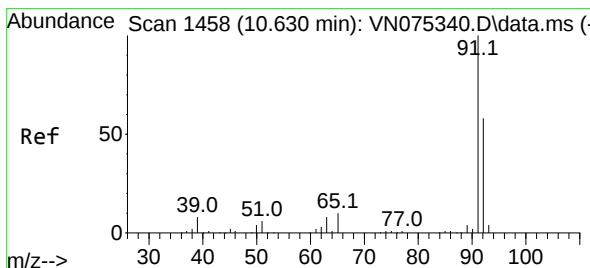
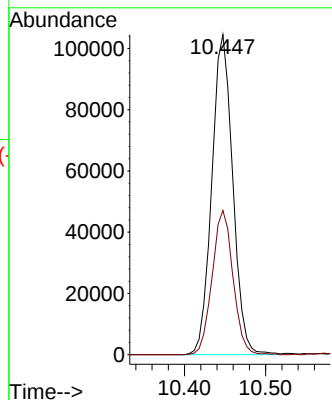
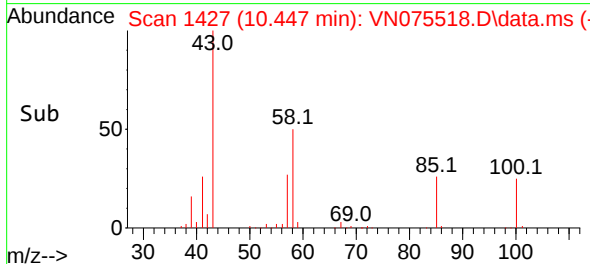
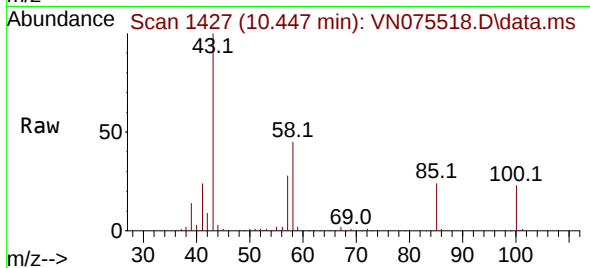
#51
4-Methyl-2-Pentanone
Concen: 100.722 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 43 Resp: 18766
Ion Ratio Lower Upper
43 100
58 44.8 33.6 50.4

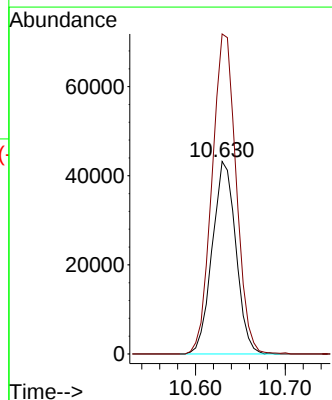
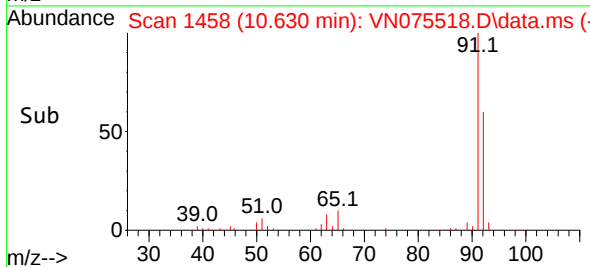
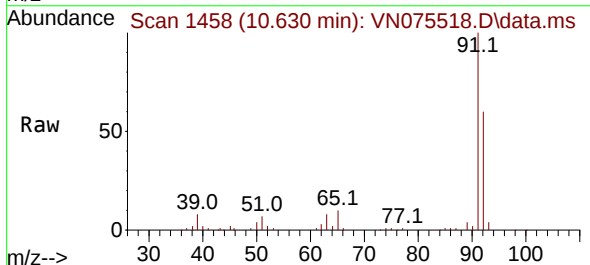
Manual Integrations
APPROVED

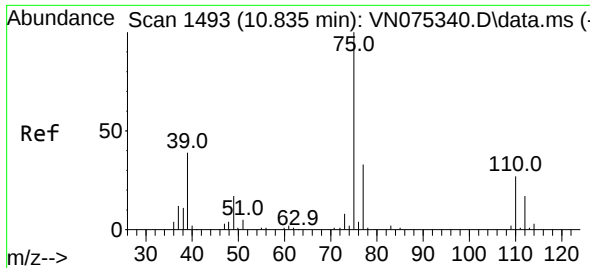
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#52
Toluene
Concen: 19.782 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

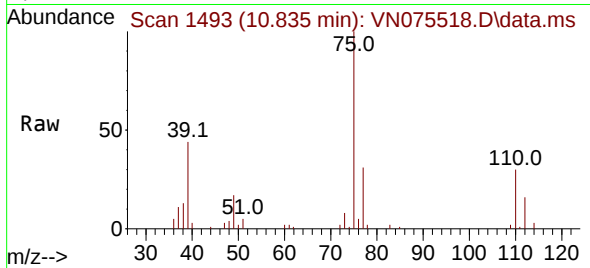
Tgt Ion: 92 Resp: 78998
Ion Ratio Lower Upper
92 100
91 169.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 20.025 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

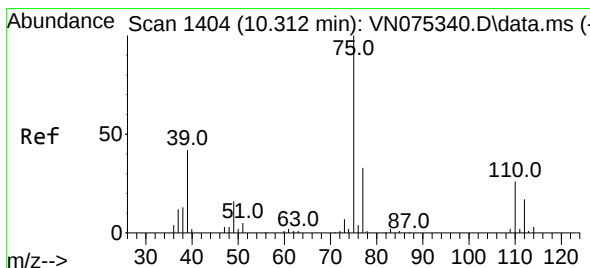
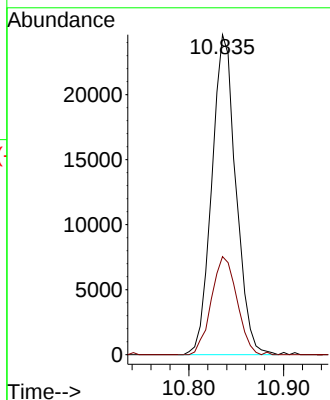
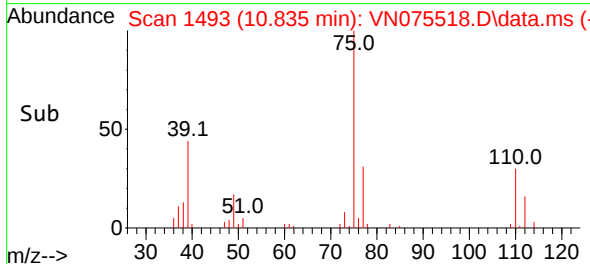
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBS01



Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

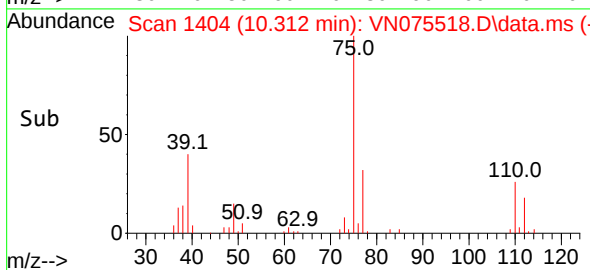
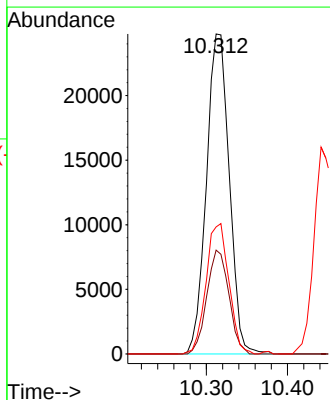
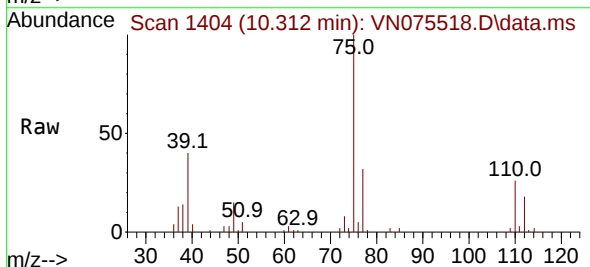
Manual Integrations
APPROVED

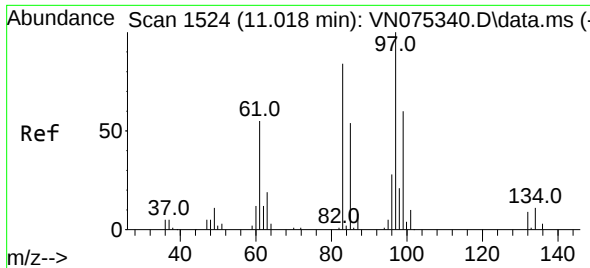
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#54
cis-1,3-Dichloropropene
Concen: 20.540 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

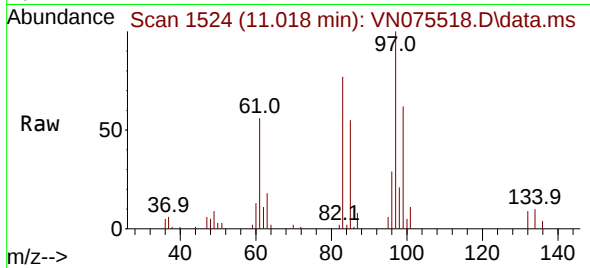
Tgt Ion: 75 Resp: 48444
Ion Ratio Lower Upper
75 100
77 32.4 23.7 35.5
39 39.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.564 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

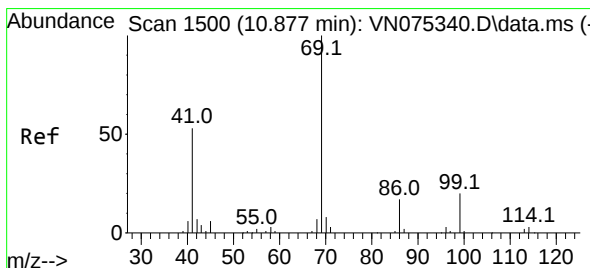
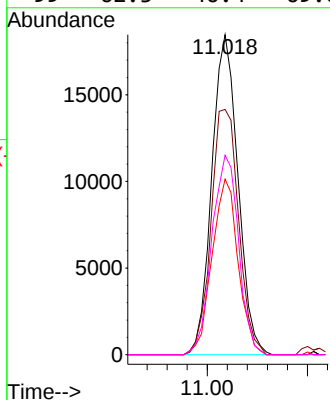
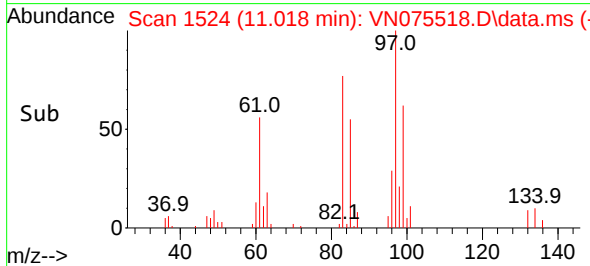


Tgt Ion: 97 Resp: 3344

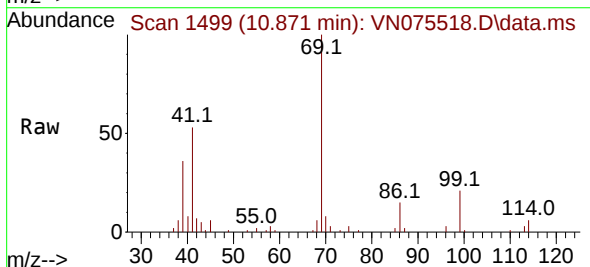
Ion	Ratio	Lower	Upper
97	100		
83	76.7	65.9	98.9
85	54.9	40.4	60.6
99	62.3	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

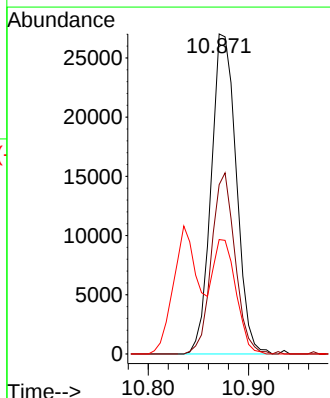
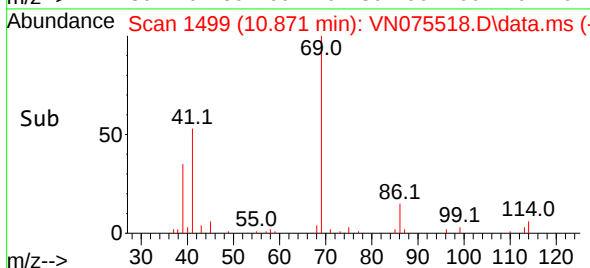


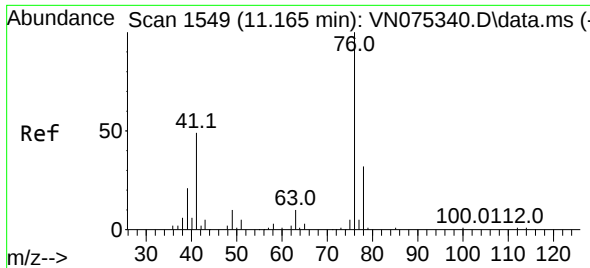
#56
Ethyl methacrylate
Concen: 21.395 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion: 69 Resp: 46994

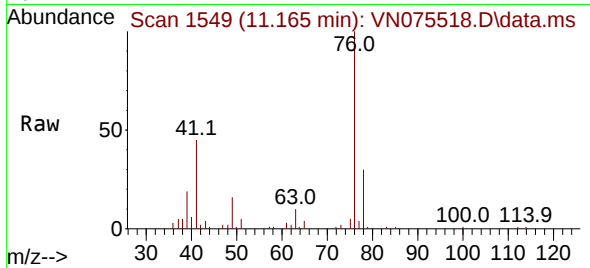
Ion	Ratio	Lower	Upper
69	100		
41	53.4	45.6	68.4
39	32.5	28.5	42.7





#57
1,3-Dichloropropane
Concen: 20.775 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

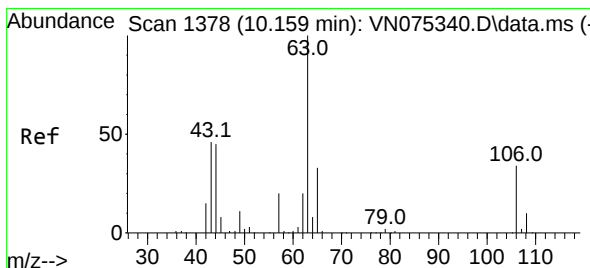
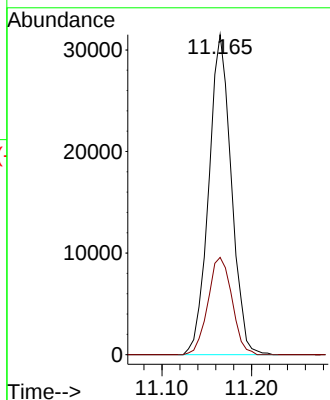
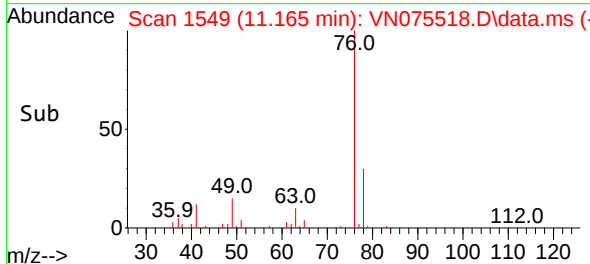
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion: 76 Resp: 5509
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

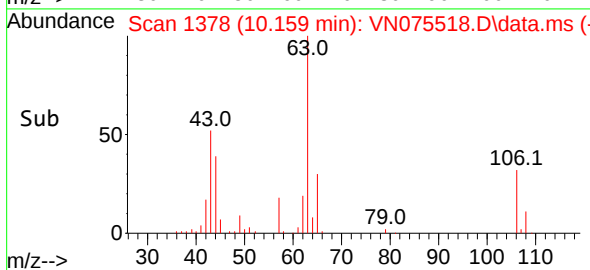
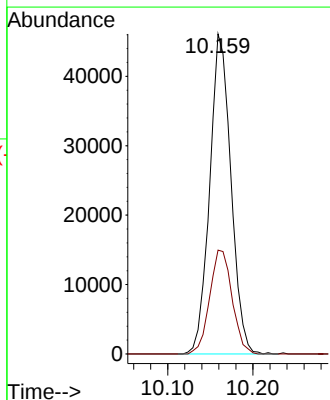
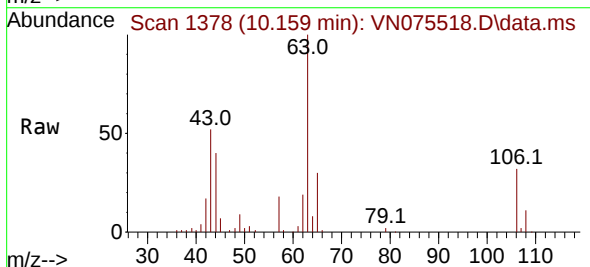
Manual Integrations
APPROVED

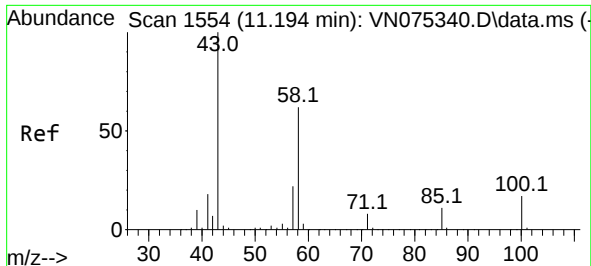
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#58
2-Chloroethyl Vinyl ether
Concen: 100.974 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

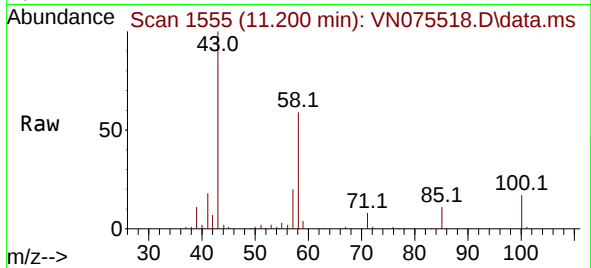
Tgt Ion: 63 Resp: 79990
Ion Ratio Lower Upper
63 100
106 34.2 24.8 37.2





#59
2-Hexanone
Concen: 99.568 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

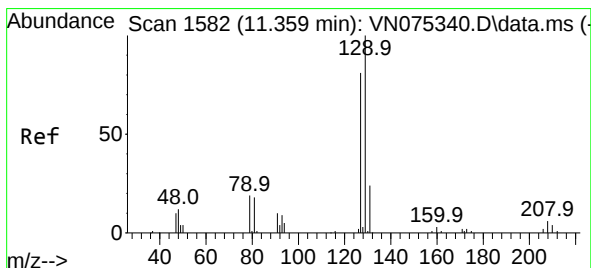
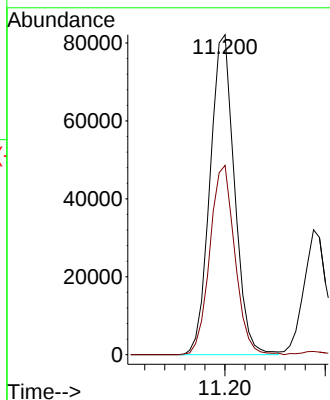
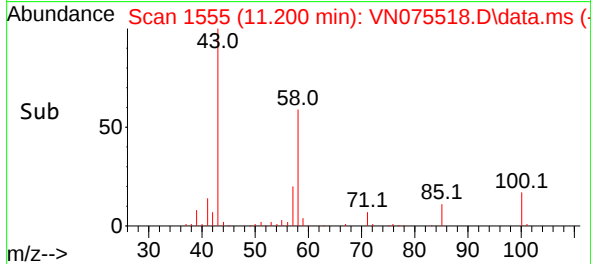
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion: 43 Resp: 13930
Ion Ratio Lower Upper
43 100
58 60.3 29.6 88.8

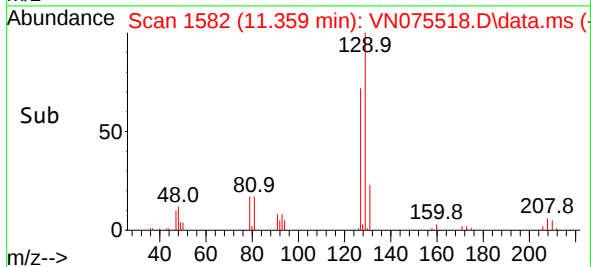
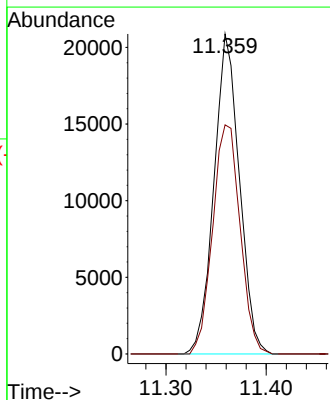
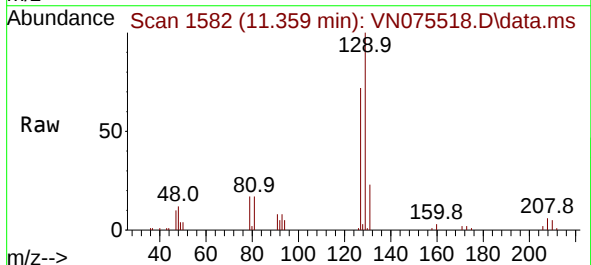
Manual Integrations
APPROVED

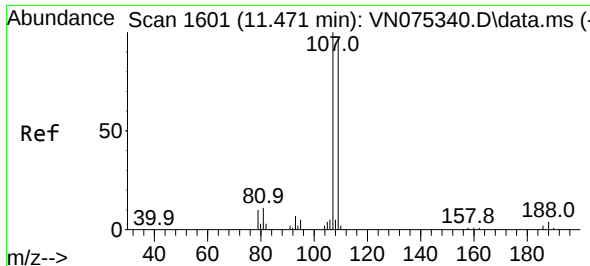
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#60
Dibromochloromethane
Concen: 21.998 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

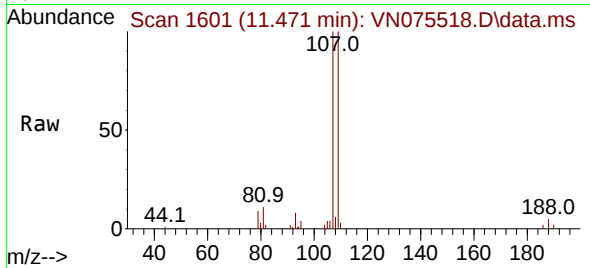
Tgt Ion:129 Resp: 36726
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.323 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

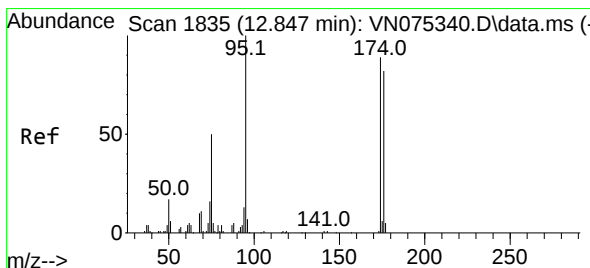
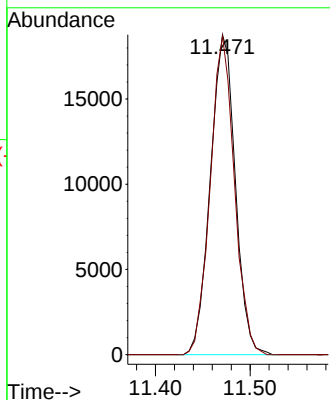
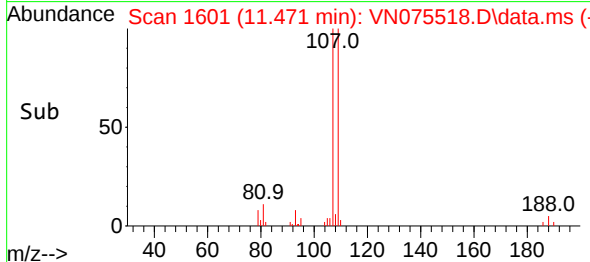
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



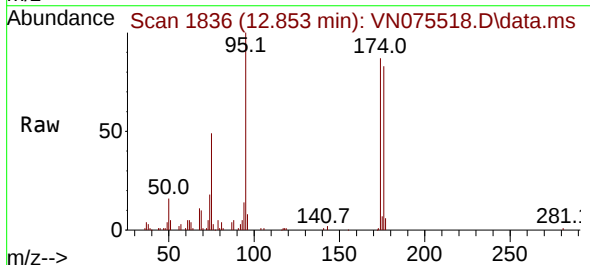
Tgt Ion:107 Resp: 34308
Ion Ratio Lower Upper
107 100
109 96.8 75.6 113.4

Manual Integrations
APPROVED

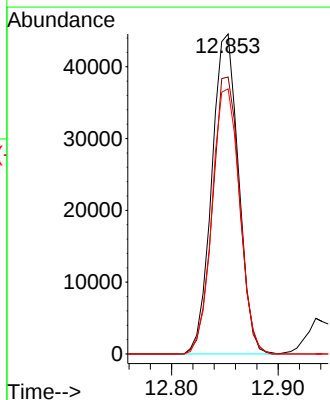
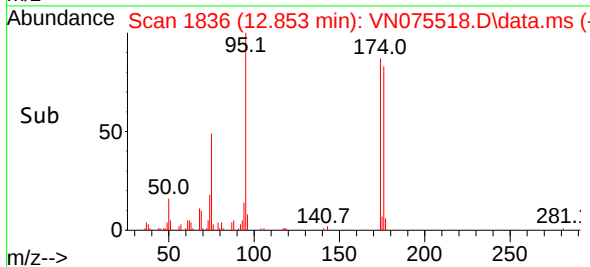
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

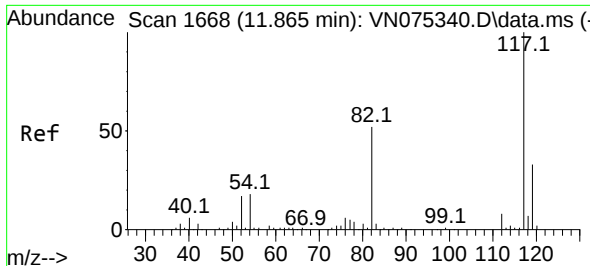


#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



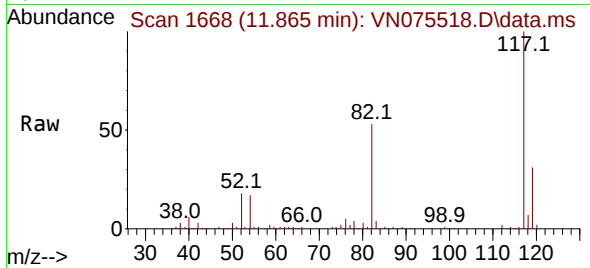
Tgt Ion: 95 Resp: 77853
Ion Ratio Lower Upper
95 100
174 87.0 0.0 147.4
176 85.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

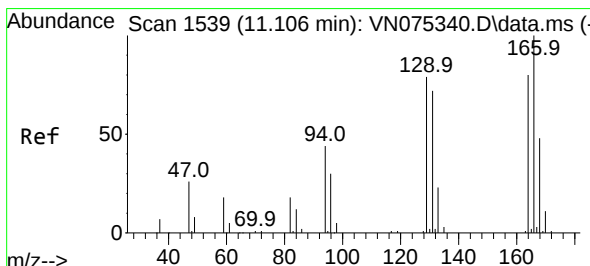
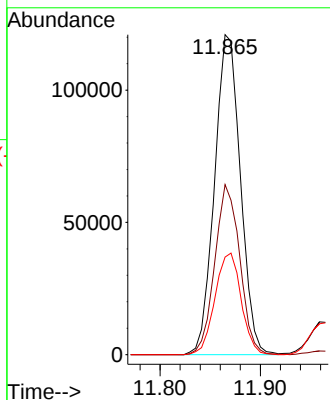
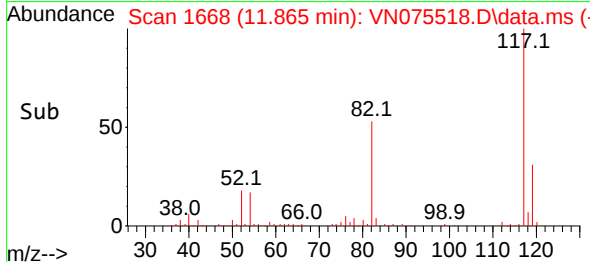
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion:117 Resp: 216598
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 30.5 25.5 38.3

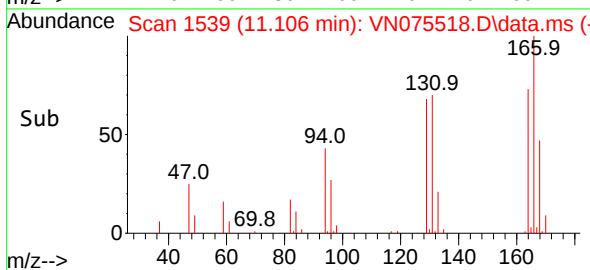
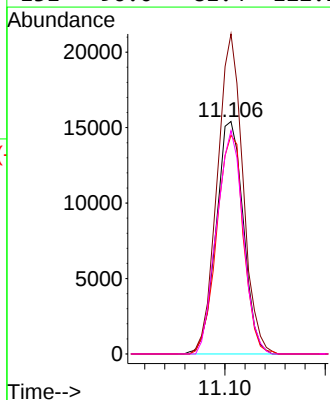
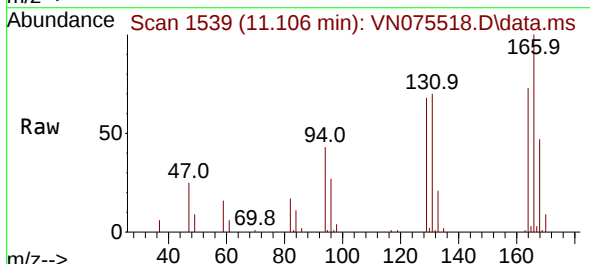
Manual Integrations
APPROVED

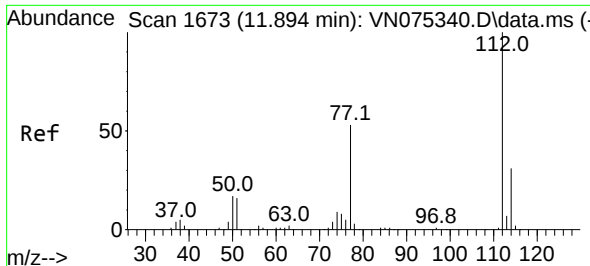
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#64
Tetrachloroethene
Concen: 17.458 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

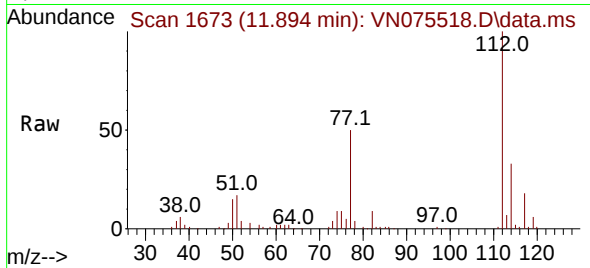
Tgt Ion:164 Resp: 28876
Ion Ratio Lower Upper
164 100
166 137.6 106.5 159.7
129 94.0 81.9 122.9
131 96.0 81.4 122.2





#65
Chlorobenzene
Concen: 19.879 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

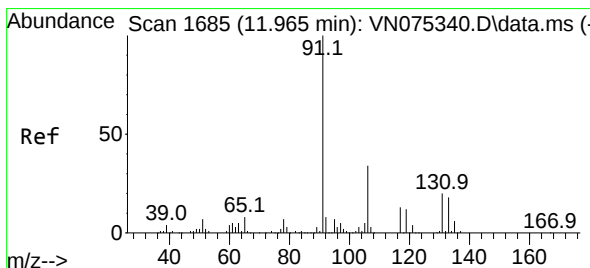
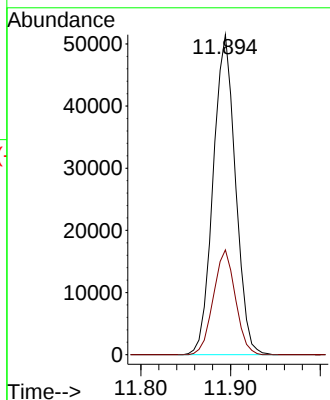
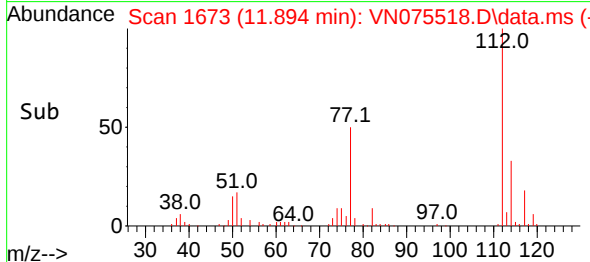
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



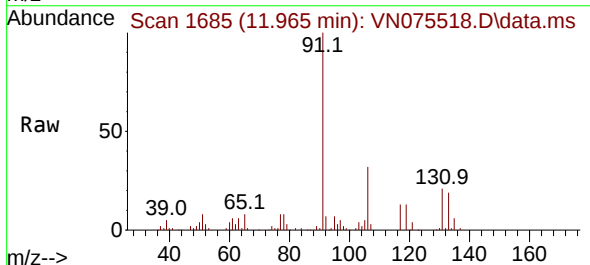
Tgt Ion:112 Resp: 8892
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

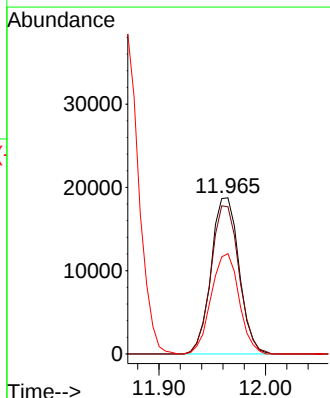
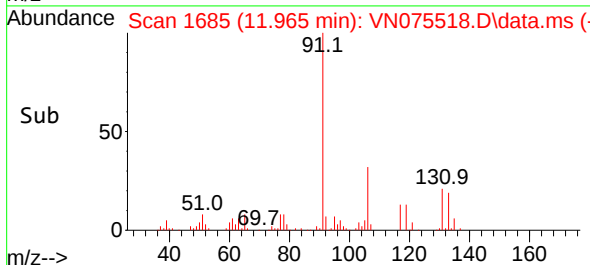
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

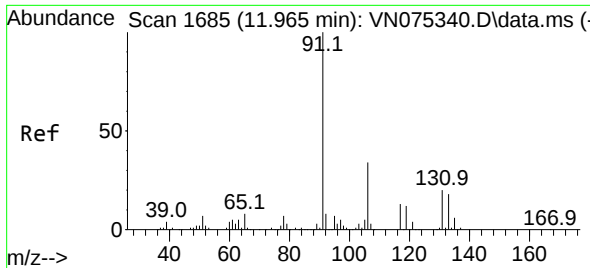


#66
1,1,1,2-Tetrachloroethane
Concen: 20.471 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion:131 Resp: 34176
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.1 33.0 99.0





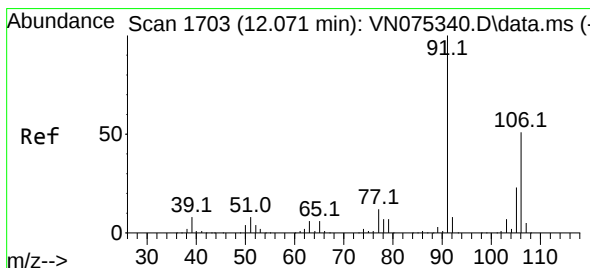
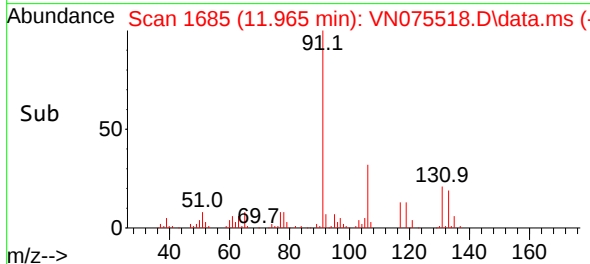
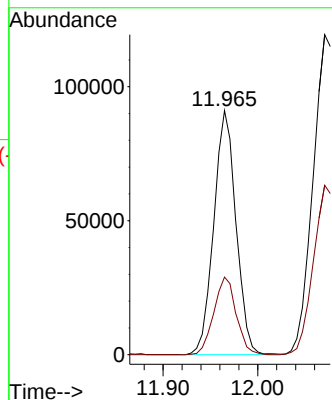
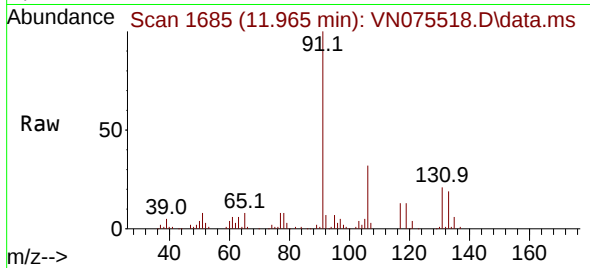
#67
Ethyl Benzene
Concen: 19.474 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 91 Resp: 148610
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

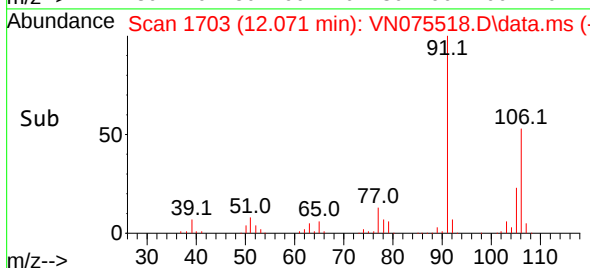
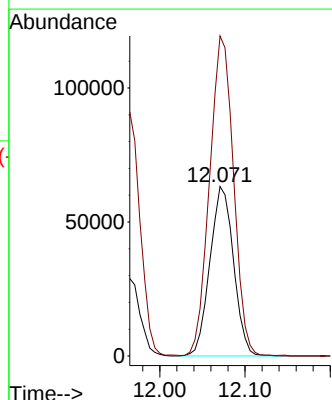
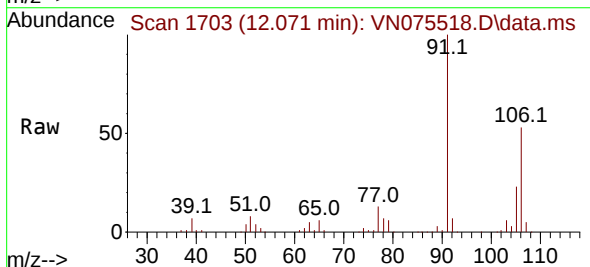
Manual Integrations
APPROVED

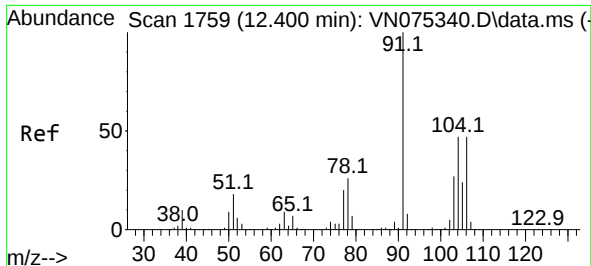
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#68
m/p-Xylenes
Concen: 39.270 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion:106 Resp: 121699
Ion Ratio Lower Upper
106 100
91 192.0 156.0 234.0





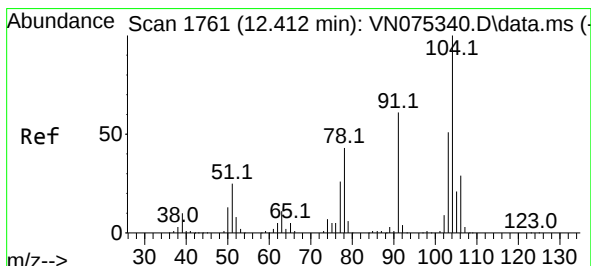
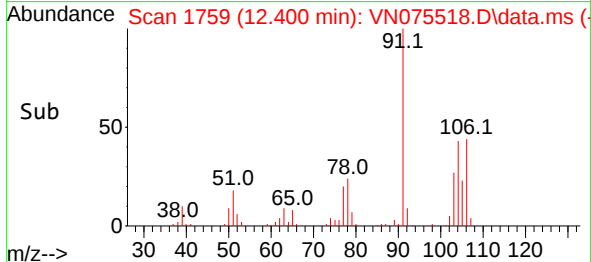
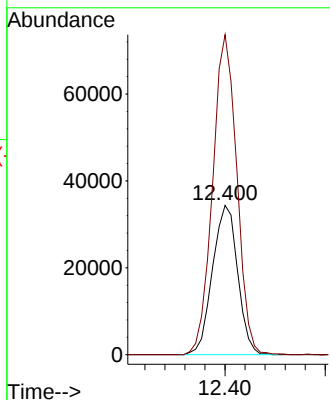
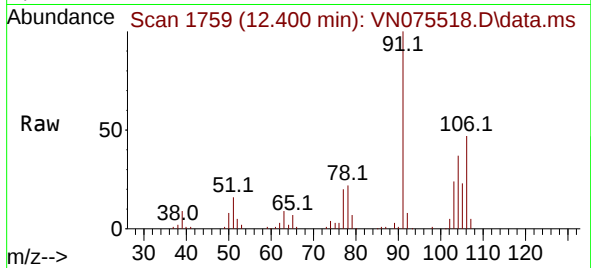
#69
o-Xylene
Concen: 19.433 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBS01

Tgt Ion:106 Resp: 5983
Ion Ratio Lower Upper
106 100
91 206.3 105.2 315.5

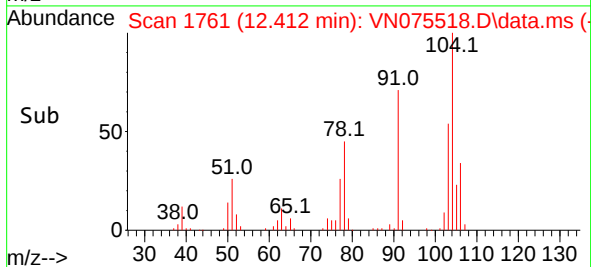
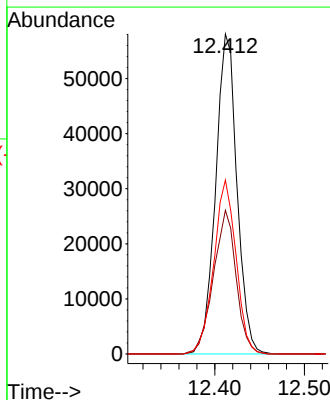
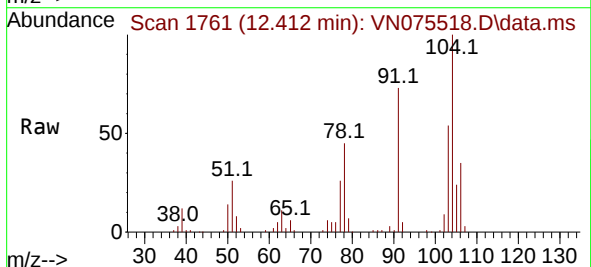
Manual Integrations
APPROVED

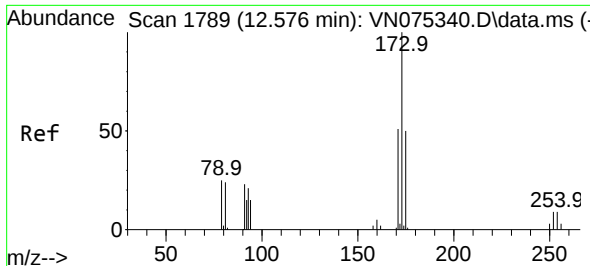
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#70
Styrene
Concen: 19.791 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

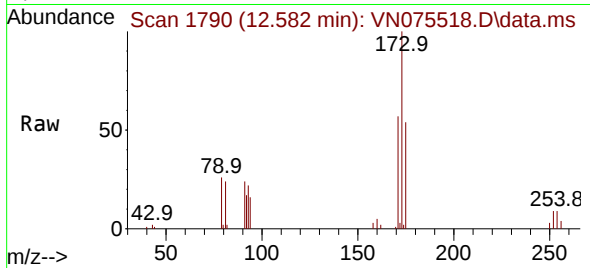
Tgt Ion:104 Resp: 96133
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 56.6 44.6 66.8





#71
Bromoform
Concen: 21.218 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

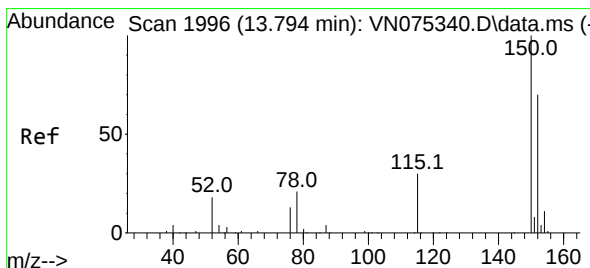
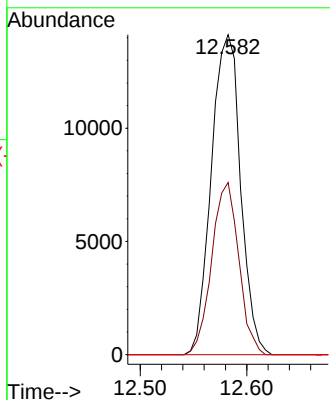
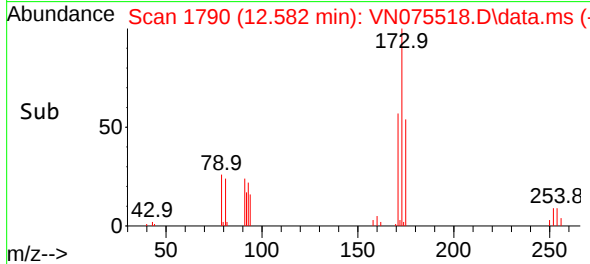
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



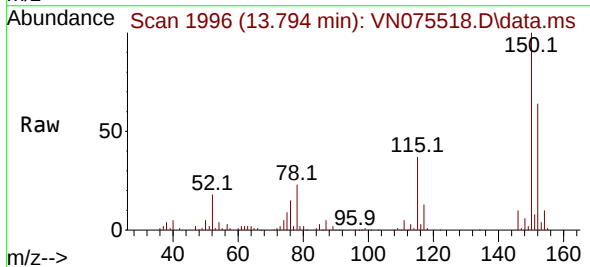
Tgt Ion:173 Resp: 26960
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

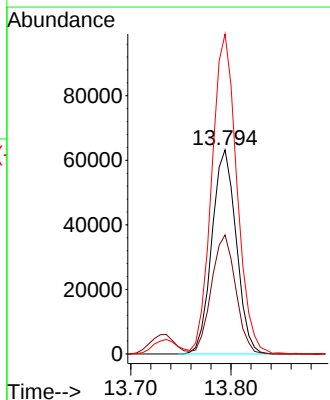
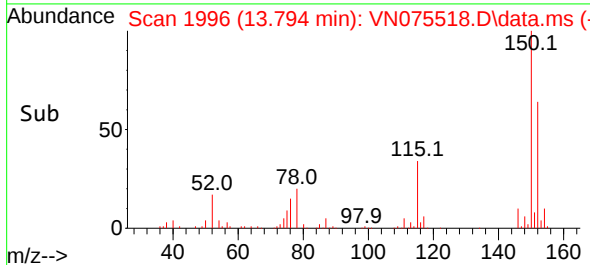
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

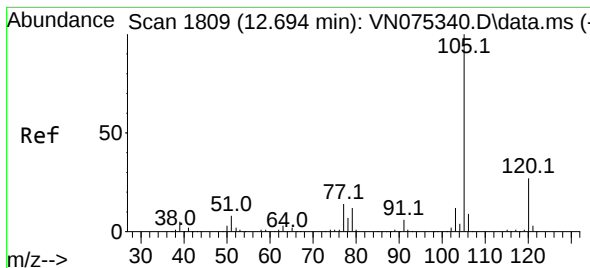


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion:152 Resp: 106484
Ion Ratio Lower Upper
152 100
115 58.3 30.2 90.6
150 161.9 0.0 348.4





#73

Isopropylbenzene

Concen: 19.281 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBS01

Tgt Ion:105 Resp: 149998

Ion Ratio Lower Upper

105 100

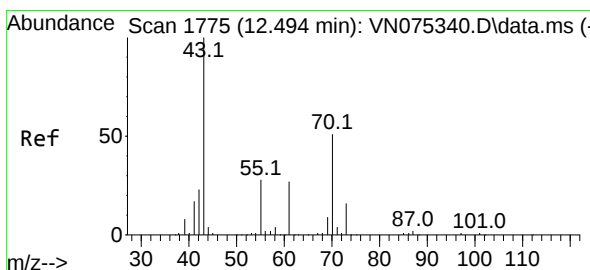
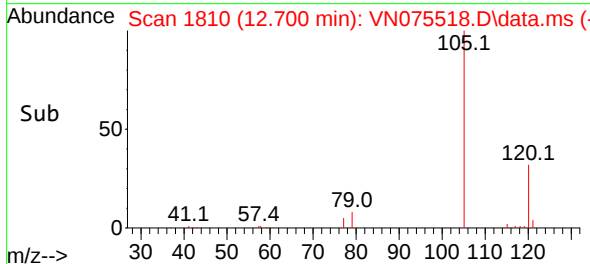
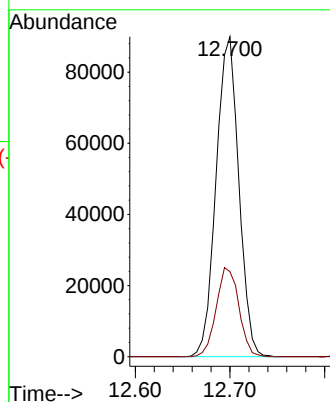
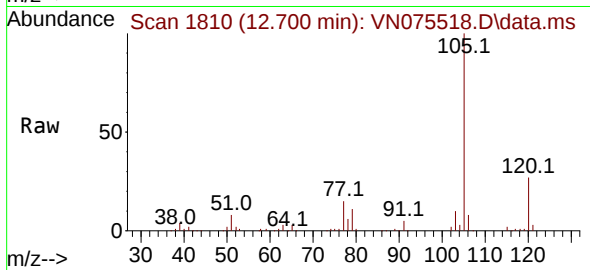
120 27.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#74

N-ethyl acetate

Concen: 20.487 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Tgt Ion: 43 Resp: 49000

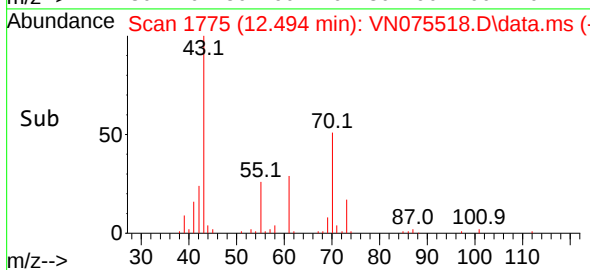
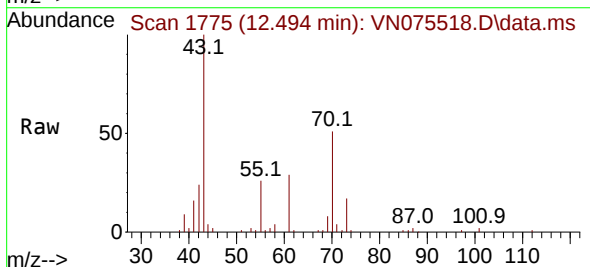
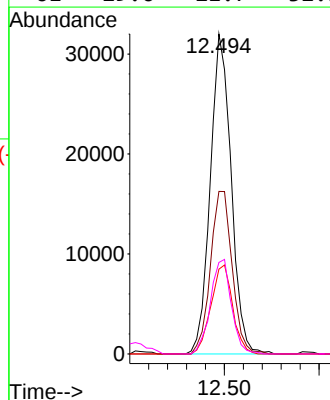
Ion Ratio Lower Upper

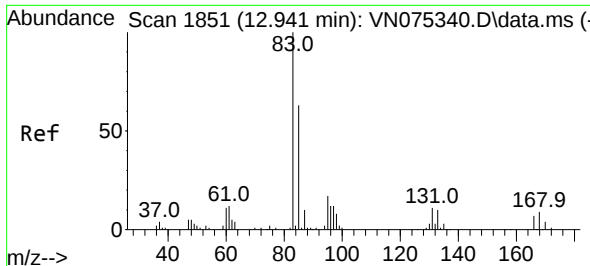
43 100

70 52.9 39.8 59.8

55 28.8 19.9 29.9

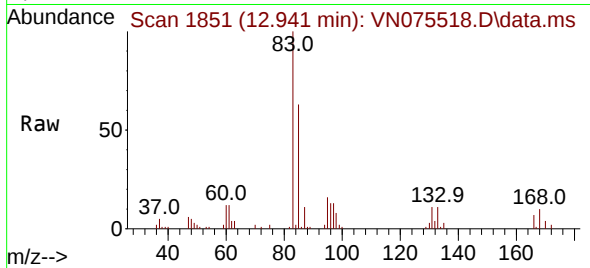
61 29.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.096 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

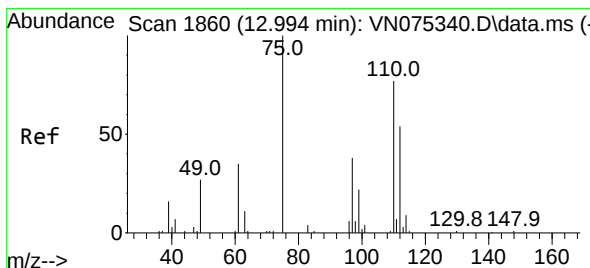
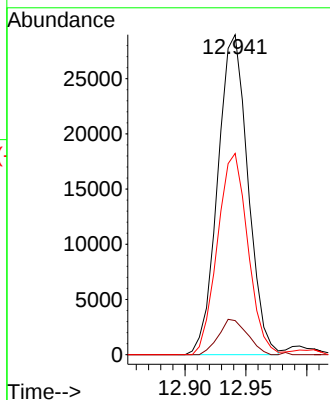
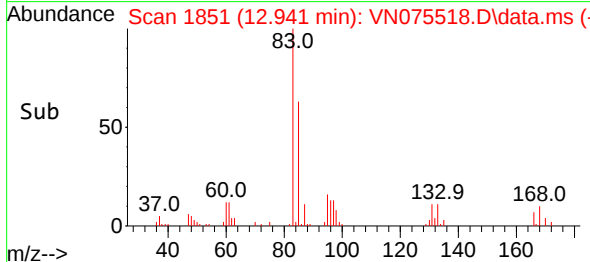
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



Tgt Ion: 83 Resp: 5003
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.2 31.6 94.7

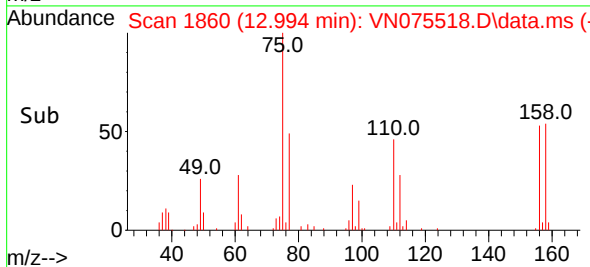
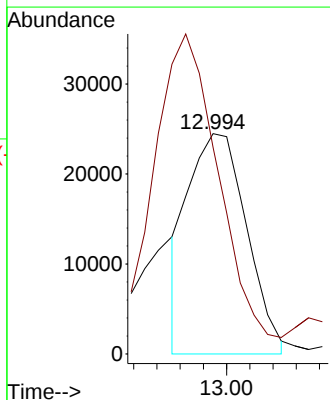
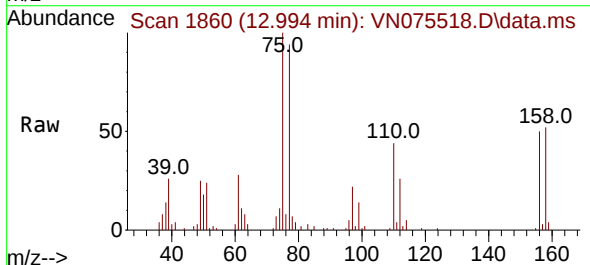
Manual Integrations
APPROVED

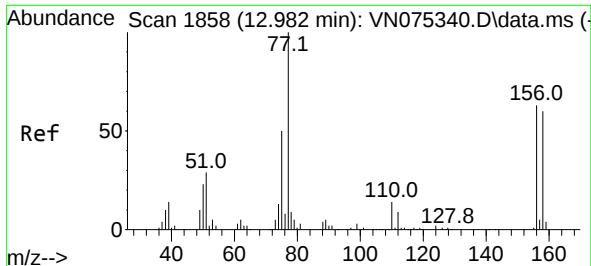
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#76
1,2,3-Trichloropropane
Concen: 21.313 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

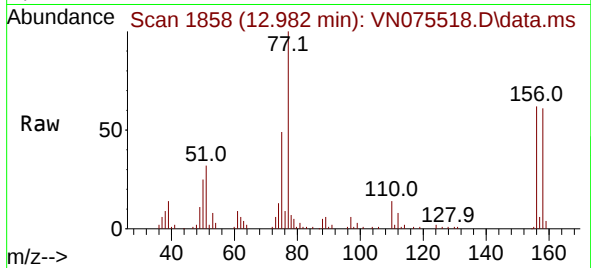
Tgt Ion: 75 Resp: 42910
Ion Ratio Lower Upper
75 100
77 166.5 75.6 226.8





#77
Bromobenzene
Concen: 20.629 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

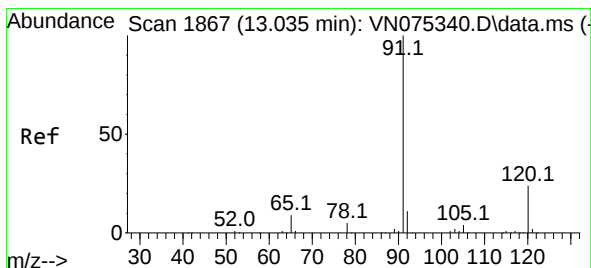
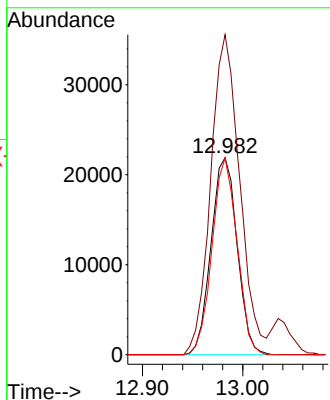
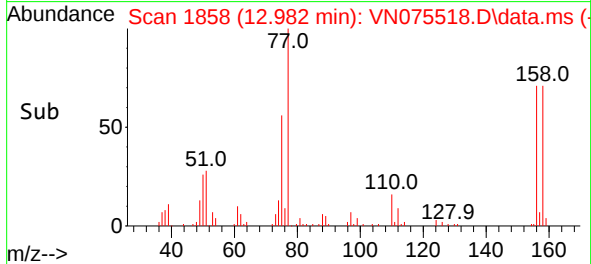
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



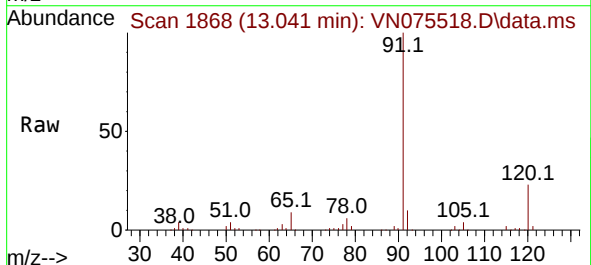
Tgt Ion:156 Resp: 39620
Ion Ratio Lower Upper
156 100
77 180.4 108.5 325.5
158 95.7 47.7 143.1

Manual Integrations
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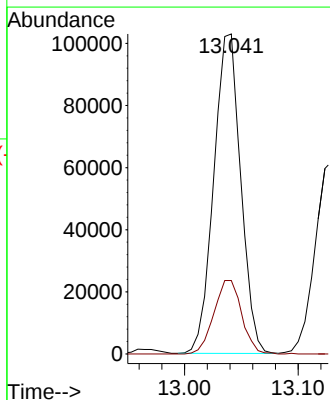
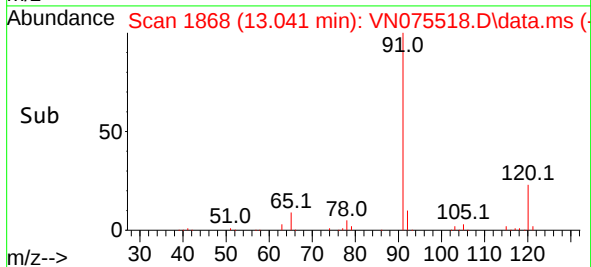
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

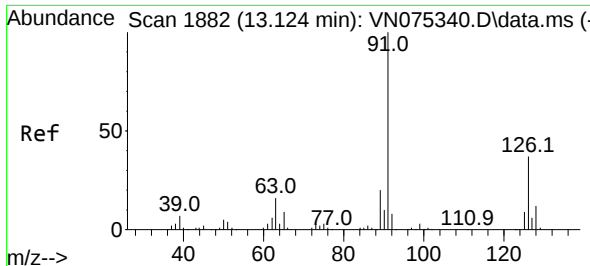


#78
n-propylbenzene
Concen: 19.556 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion: 91 Resp: 169788
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





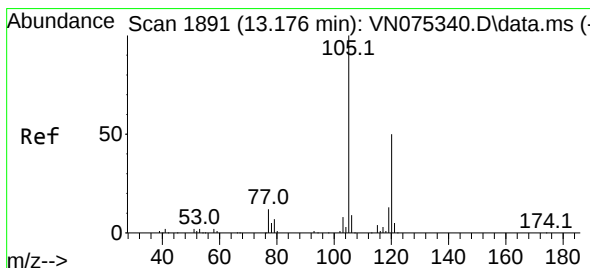
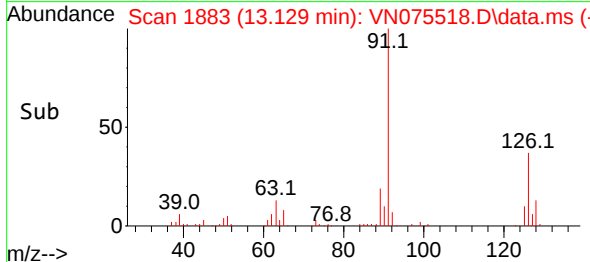
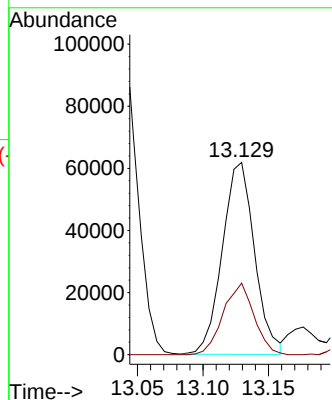
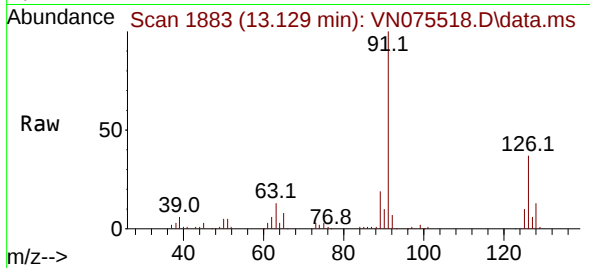
#79
2-Chlorotoluene
Concen: 20.225 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 91 Resp: 10580
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7

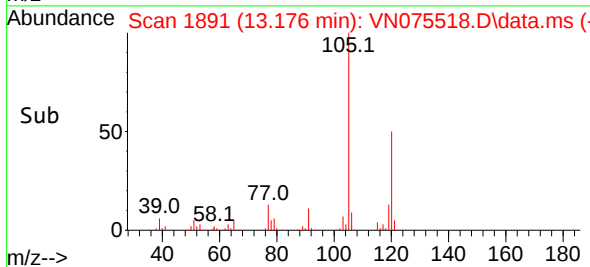
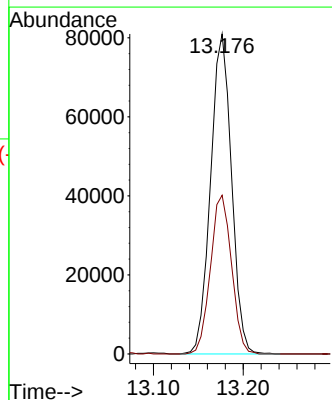
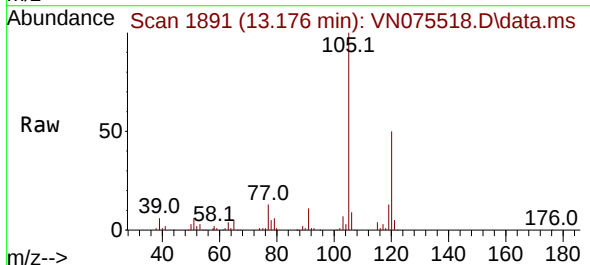
Manual Integrations
APPROVED

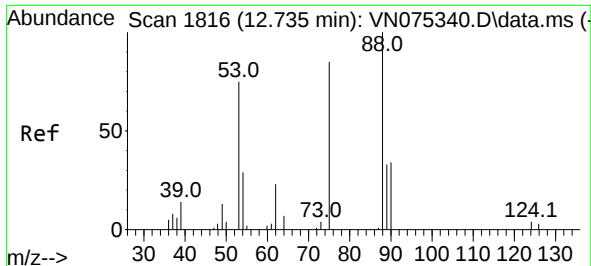
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.289 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Tgt Ion:105 Resp: 131140
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





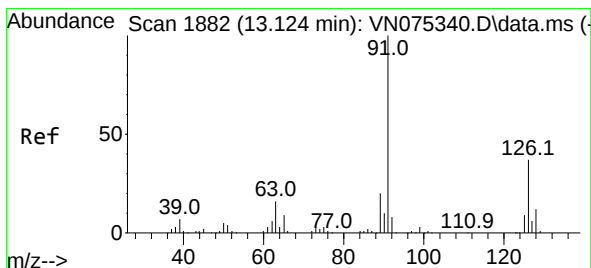
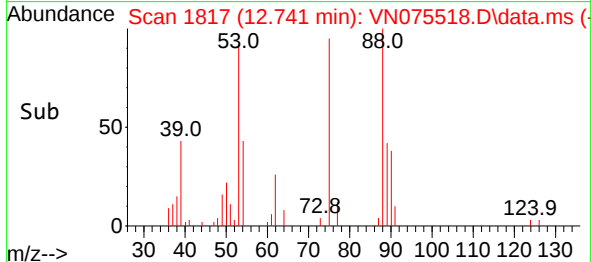
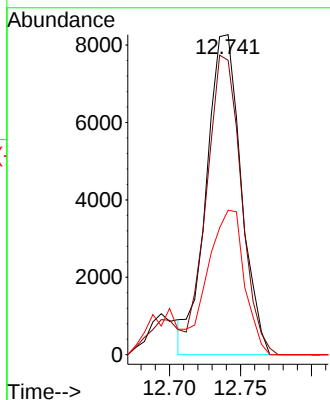
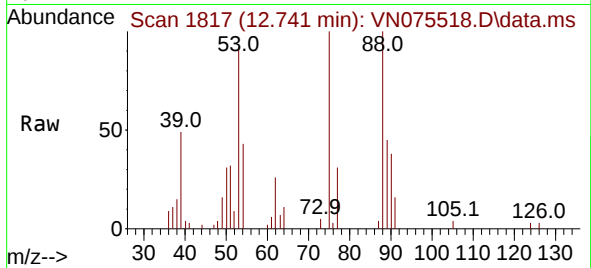
#81
trans-1,4-Dichloro-2-butene
Concen: 20.699 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion: 75 Resp: 14085
Ion Ratio Lower Upper
75 100
53 92.2 78.5 117.7
89 47.1 37.7 56.5

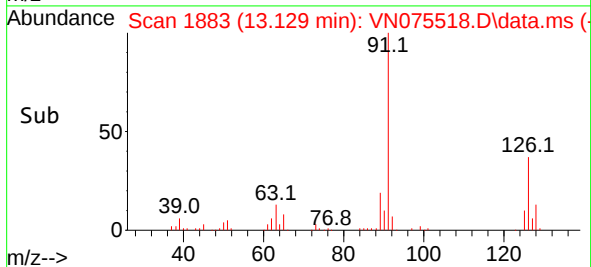
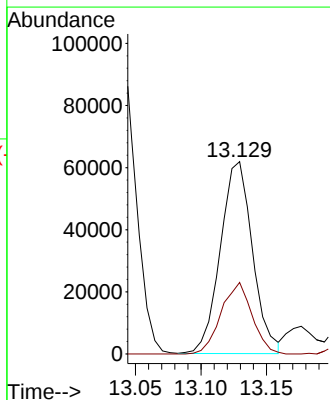
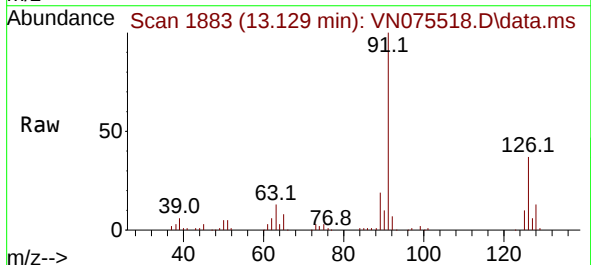
Manual Integrations
APPROVED

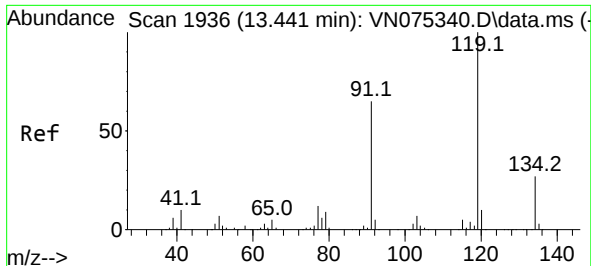
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#82
4-Chlorotoluene
Concen: 20.225 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

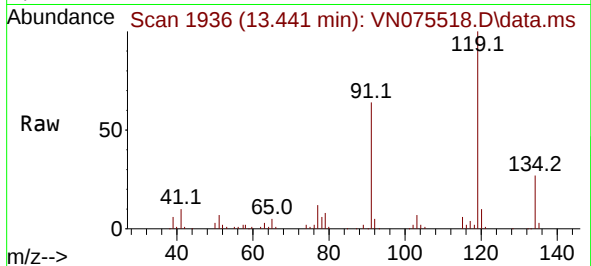
Tgt Ion: 91 Resp: 105801
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.729 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

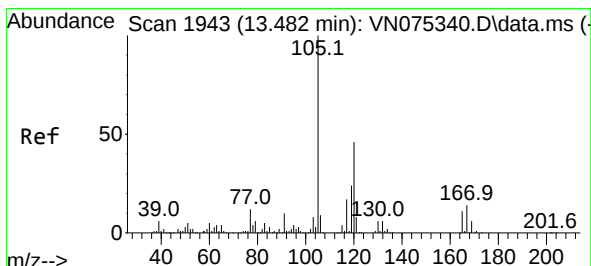
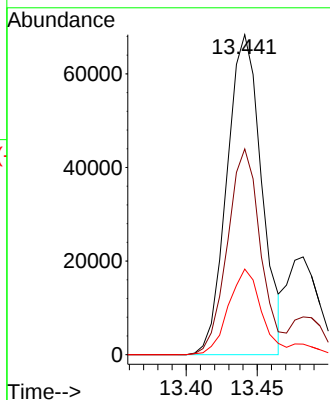
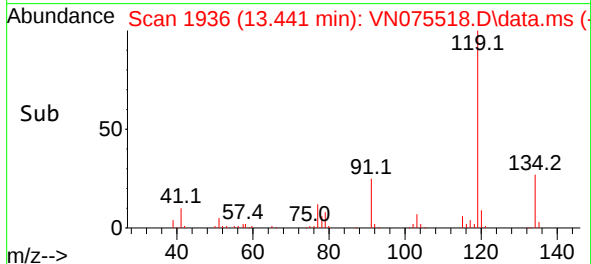
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



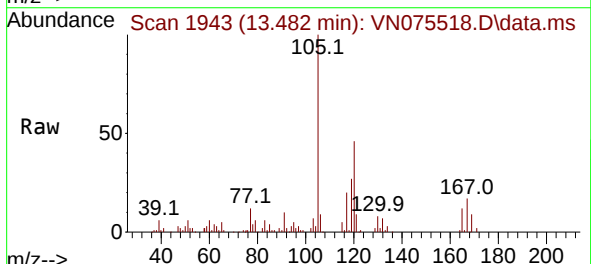
Tgt Ion:119 Resp: 11626
Ion Ratio Lower Upper
119 100
91 62.3 32.8 98.4
134 25.4 12.3 36.9

Manual Integrations
APPROVED

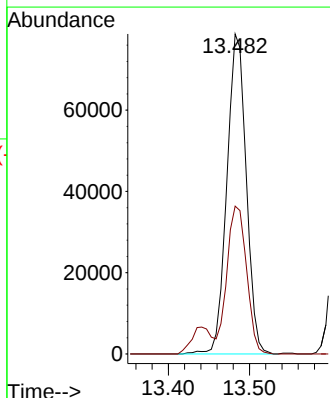
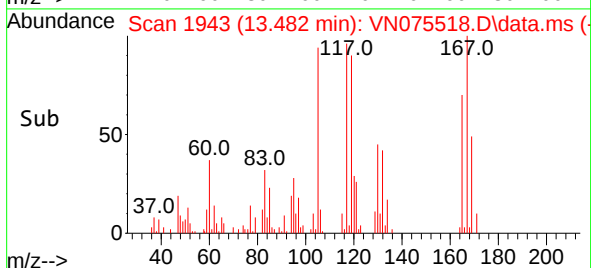
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

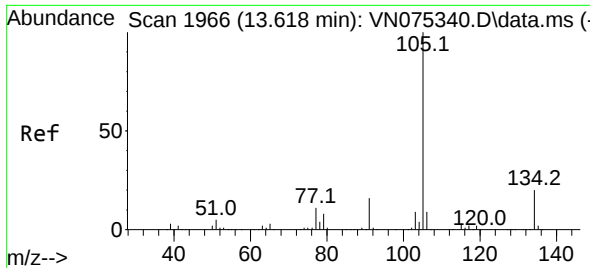


#84
1,2,4-Trimethylbenzene
Concen: 20.084 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion:105 Resp: 130212
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





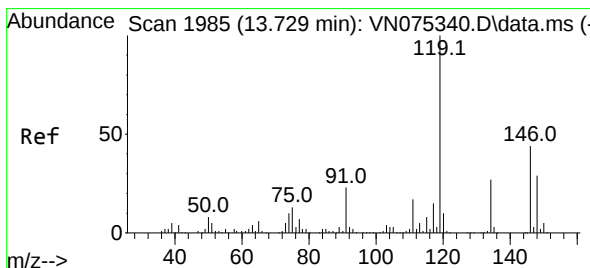
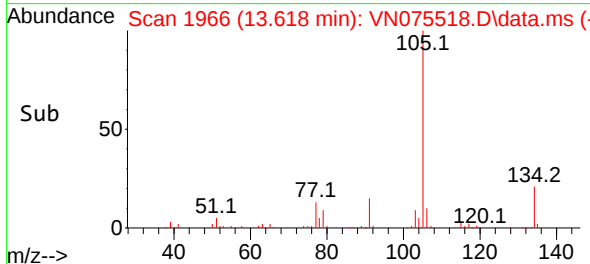
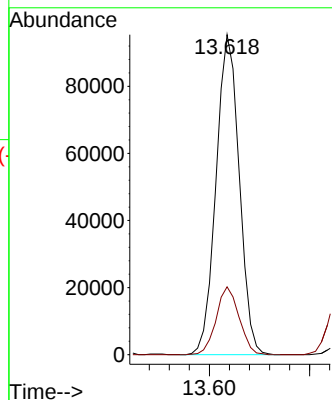
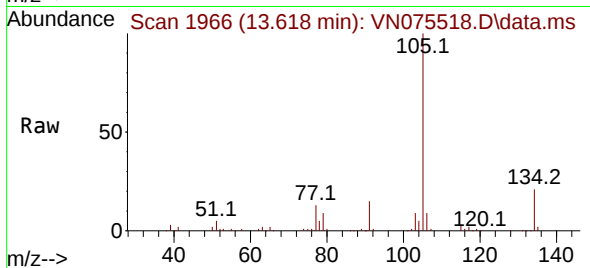
#85
 sec-Butylbenzene
 Concen: 19.124 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBSD01

Tgt Ion:105 Resp: 152919
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

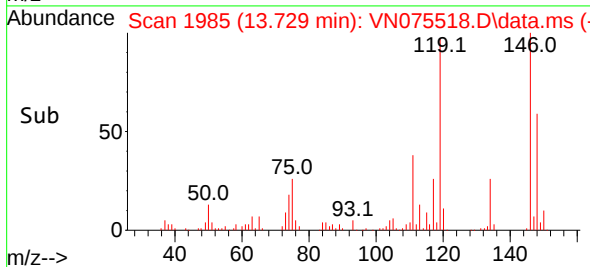
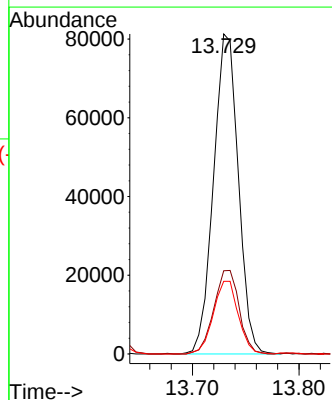
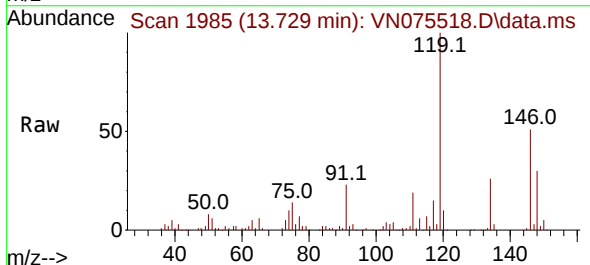
Manual Integrations
 APPROVED

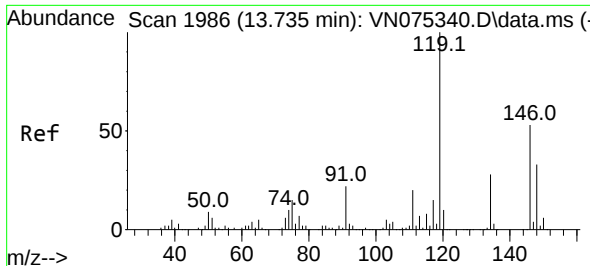
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#86
 p-Isopropyltoluene
 Concen: 19.519 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075518.D
 Acq: 01 Dec 2022 16:42

Tgt Ion:119 Resp: 131318
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.264 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion:146 Resp: 7374

Ion Ratio Lower Upper

146 100

111 37.0 20.8 62.5

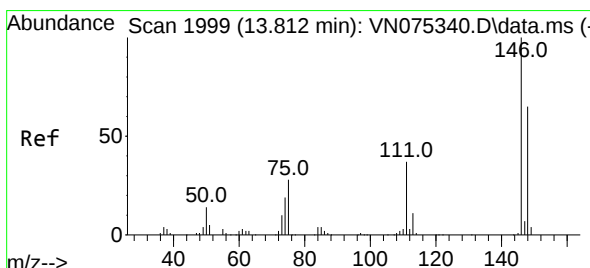
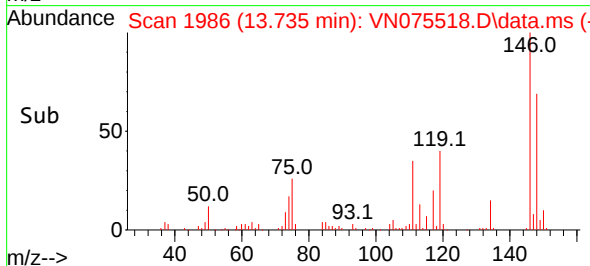
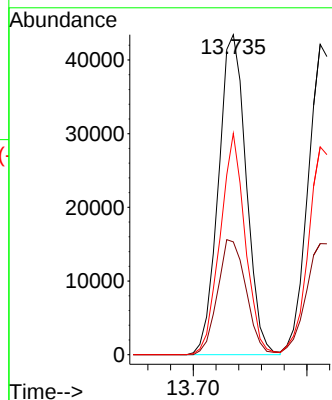
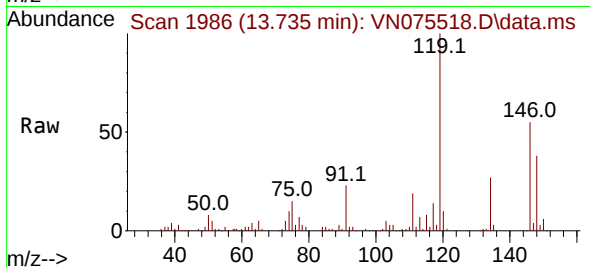
148 62.5 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#88

1,4-Dichlorobenzene

Concen: 19.627 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

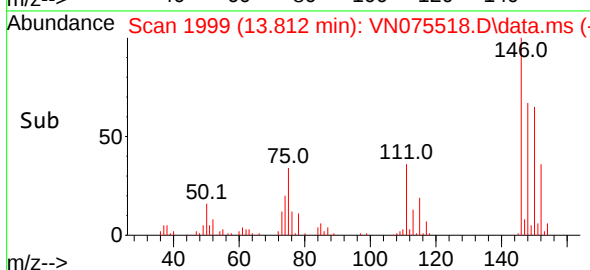
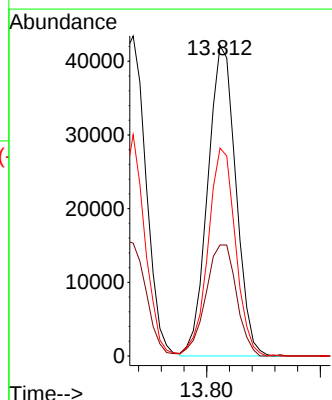
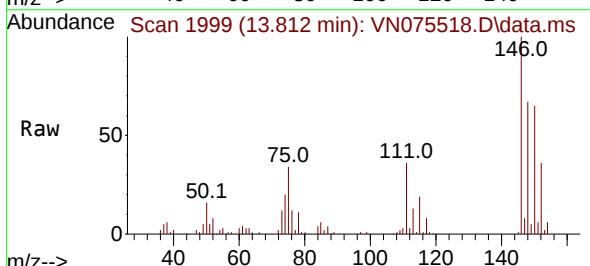
Tgt Ion:146 Resp: 72551

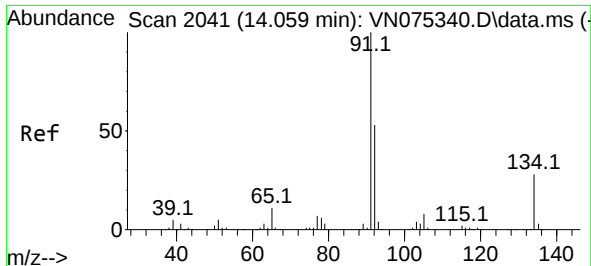
Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.3

148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 18.148 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBSD01

Tgt Ion: 91 Resp: 10311

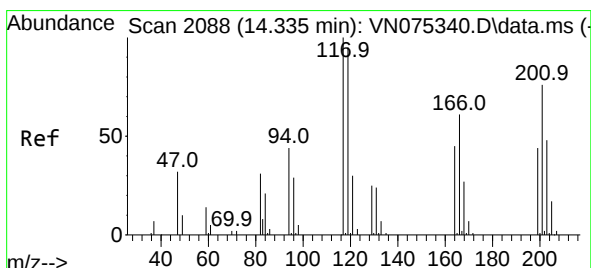
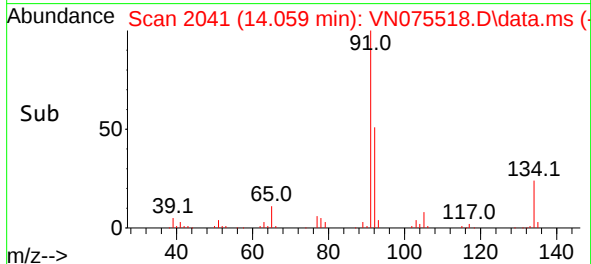
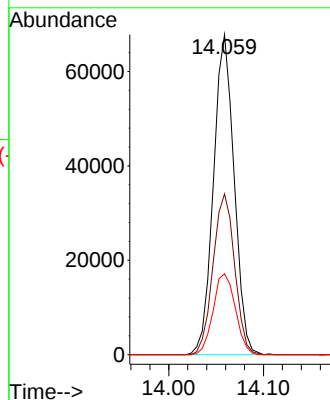
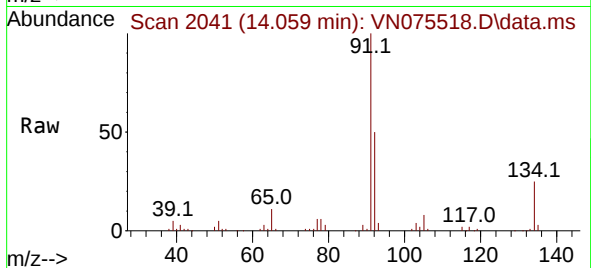
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.4
134	27.2	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#90

Hexachloroethane

Concen: 19.924 ug/l

RT: 14.335 min Scan# 2088

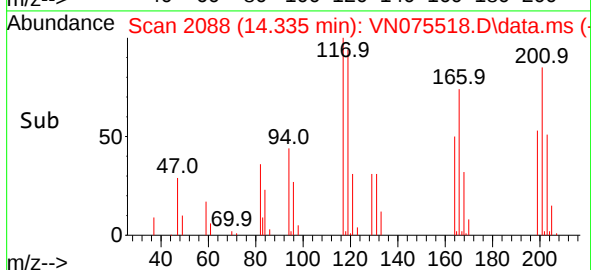
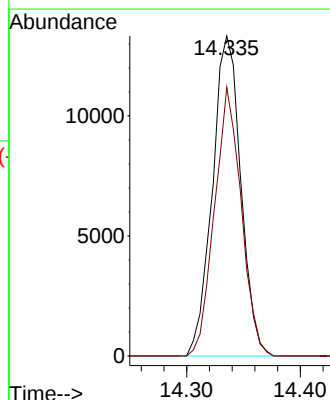
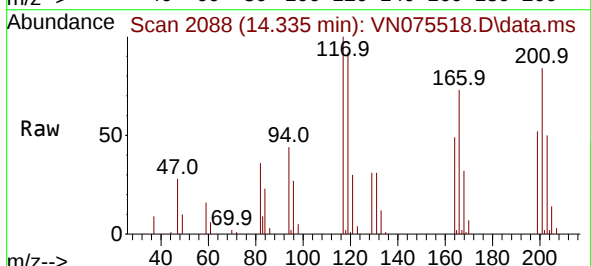
Delta R.T. 0.000 min

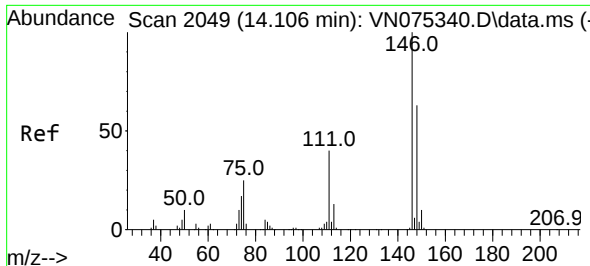
Lab File: VN075518.D

Acq: 01 Dec 2022 16:42

Tgt Ion:117 Resp: 23124

Ion	Ratio	Lower	Upper
117	100		
201	79.2	31.5	94.5





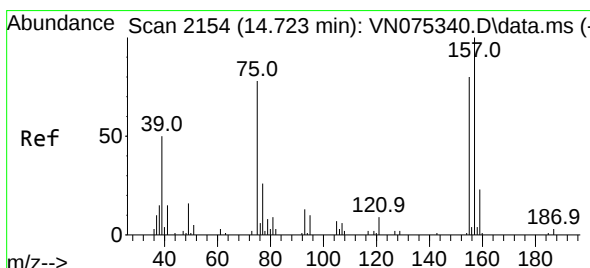
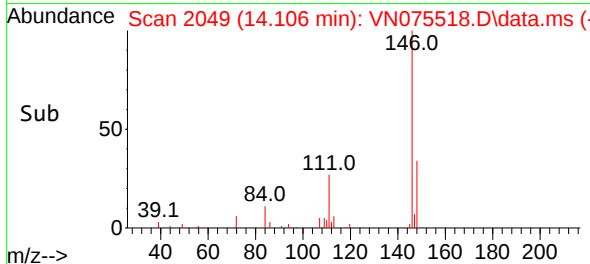
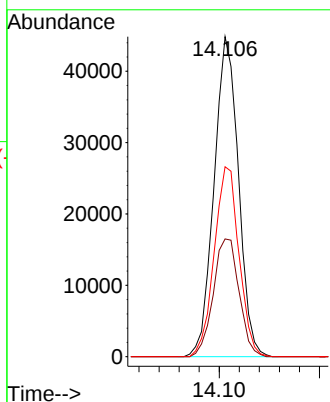
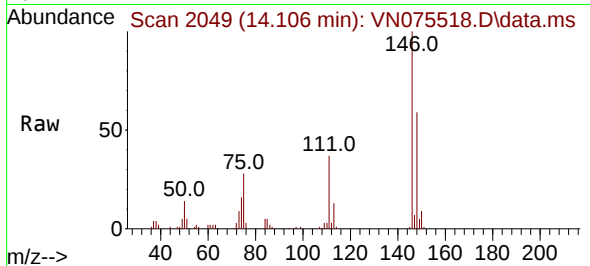
#91
1,2-Dichlorobenzene
Concen: 21.318 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01

Tgt Ion:146 Resp: 7561
Ion Ratio Lower Upper
146 100
111 39.0 21.3 63.9
148 60.4 31.4 94.2

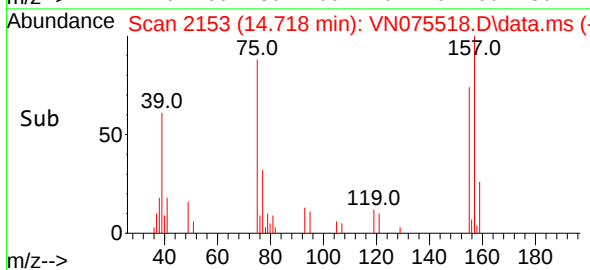
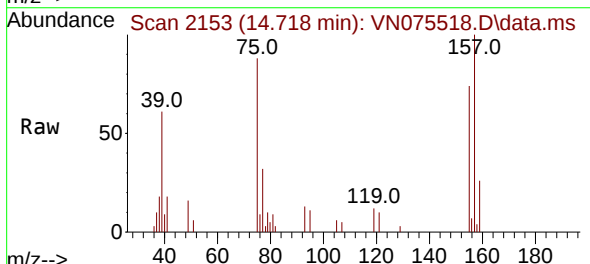
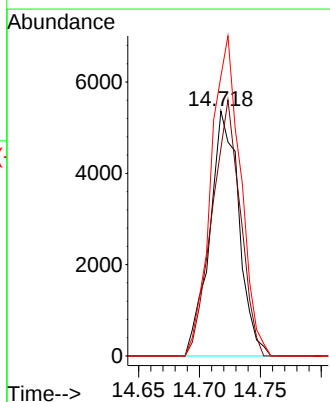
Manual Integrations
APPROVED

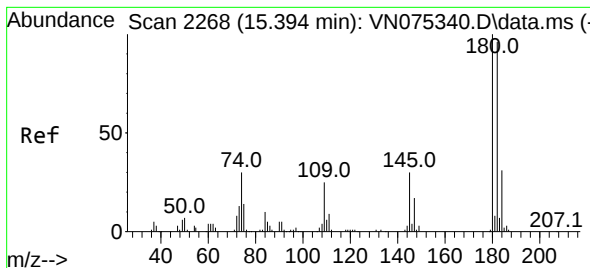
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.918 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. -0.005 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

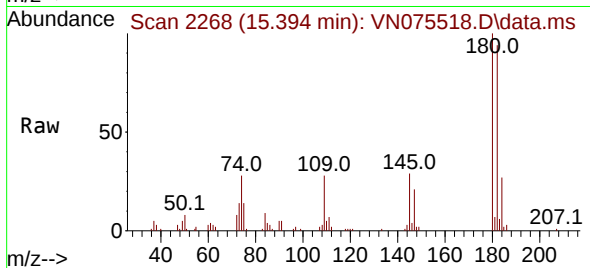
Tgt Ion: 75 Resp: 8949
Ion Ratio Lower Upper
75 100
155 101.5 42.1 126.3
157 132.0 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 20.418 ug/l
RT: 15.394 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

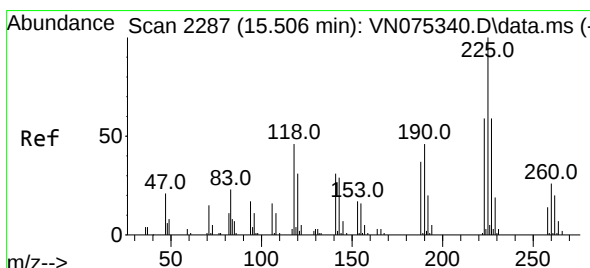
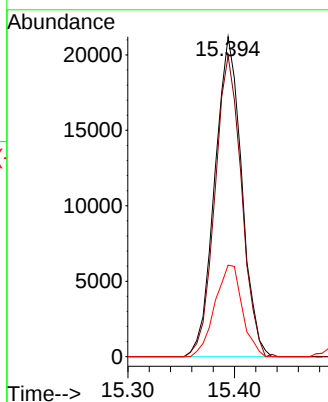
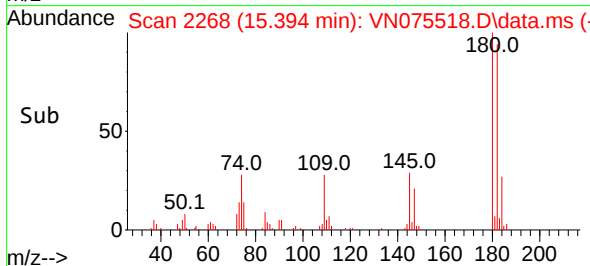
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



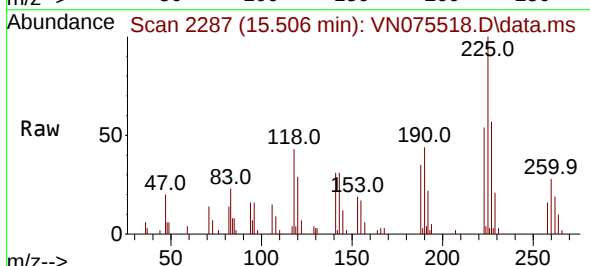
Tgt Ion:180 Resp: 37110
Ion Ratio Lower Upper
180 100
182 92.9 47.8 143.4
145 29.1 16.8 50.3

Manual Integrations
APPROVED

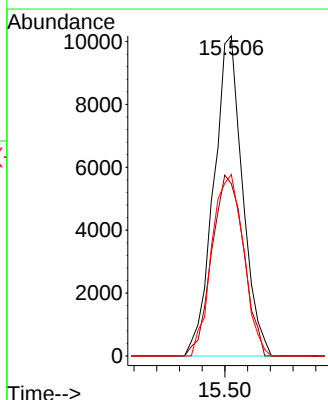
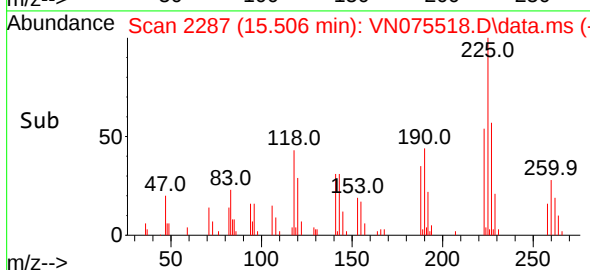
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

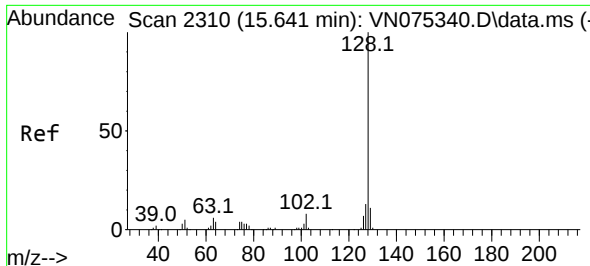


#94
Hexachlorobutadiene
Concen: 18.951 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



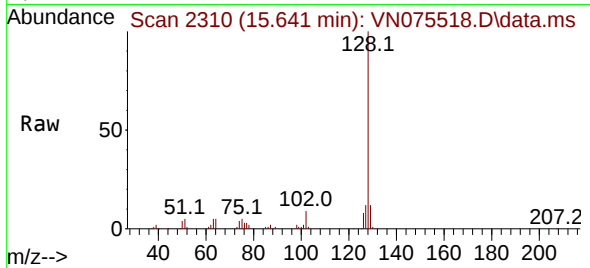
Tgt Ion:225 Resp: 17944
Ion Ratio Lower Upper
225 100
223 62.3 32.3 96.9
227 62.5 32.0 96.2





#95
Naphthalene
Concen: 20.367 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42

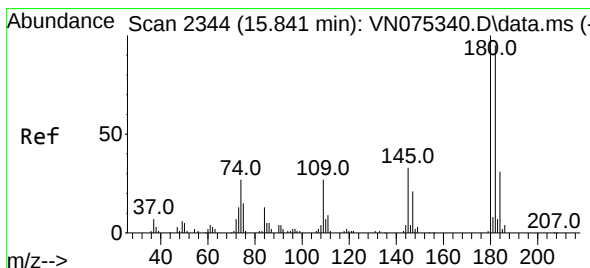
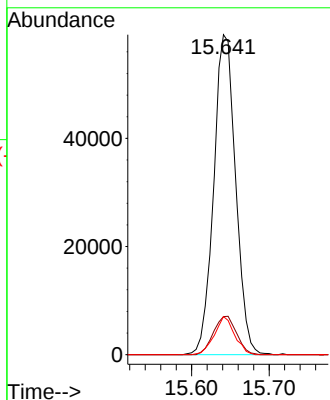
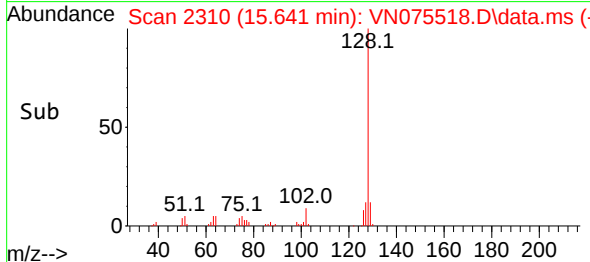
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBSD01



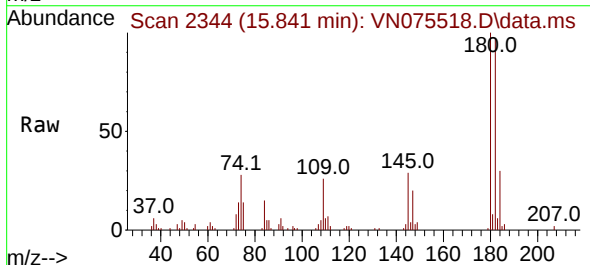
Tgt Ion:128 Resp: 116472
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.148 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075518.D
Acq: 01 Dec 2022 16:42



Tgt Ion:180 Resp: 35996
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.8
145 33.3 17.6 52.9

