

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075602.D
 Acq On : 07 Dec 2022 12:09
 Operator : JC\MD
 Sample : VN1207WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 14:28:19 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	193255	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	306596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	51584	49.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.460%		
35) Dibromofluoromethane	8.171	113	65749	54.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.180%		
50) Toluene-d8	10.571	98	140516	51.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.853	95	109811	54.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	32038	21.680	ug/l	98
3) Chloromethane	2.371	50	37098	20.176	ug/l	99
4) Vinyl Chloride	2.524	62	47682	20.576	ug/l	94
5) Bromomethane	2.918	94	41758	20.491	ug/l	95
6) Chloroethane	3.095	64	37304	21.245	ug/l	97
7) Trichlorofluoromethane	3.489	101	66821	20.184	ug/l	97
8) Diethyl Ether	3.971	74	24238	20.889	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	38207	20.905	ug/l	92
10) Methyl Iodide	4.595	142	63857	21.563	ug/l	96
11) Tert butyl alcohol	5.542	59	39775	91.337	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37595	21.007	ug/l	90
13) Acrolein	4.189	56	37441	98.693	ug/l	100
14) Allyl chloride	5.024	41	48735	21.053	ug/l	97
15) Acrylonitrile	5.730	53	94742	94.828	ug/l	96
16) Acetone	4.442	43	76662	79.228	ug/l	92
17) Carbon Disulfide	4.712	76	94027	20.217	ug/l	98
18) Methyl Acetate	5.036	43	51184	20.211	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	128616	20.287	ug/l	99
20) Methylene Chloride	5.283	84	42696	21.019	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	40742	19.976	ug/l	97
22) Diisopropyl ether	6.683	45	111000	21.012	ug/l	99
23) Vinyl Acetate	6.612	43	380495	90.536	ug/l	99
24) 1,1-Dichloroethane	6.577	63	71588	21.112	ug/l	96
25) 2-Butanone	7.494	43	118902	88.017	ug/l	93
26) 2,2-Dichloropropane	7.500	77	57281	18.177	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	48811	21.165	ug/l	93
28) Bromochloromethane	7.824	49	30162	21.914	ug/l	83
29) Tetrahydrofuran	7.841	42	76624	93.249	ug/l	98
30) Chloroform	7.971	83	78007	20.033	ug/l	97
31) Cyclohexane	8.265	56	66185	20.081	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	71960	20.353	ug/l	95
36) 1,1-Dichloropropene	8.377	75	56510	21.515	ug/l	97
37) Ethyl Acetate	7.565	43	49807	21.060	ug/l	99
38) Carbon Tetrachloride	8.365	117	64508	22.358	ug/l	99
39) Methylcyclohexane	9.606	83	71394	21.719	ug/l	97
40) Benzene	8.612	78	172674	21.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	24595	20.341	ug/l	97
42) 1,2-Dichloroethane	8.671	62	57861	21.484	ug/l	97
43) Isopropyl Acetate	8.694	43	81121	21.369	ug/l	98
44) Trichloroethene	9.359	130	48069	21.846	ug/l	94
45) 1,2-Dichloropropane	9.624	63	41607	21.711	ug/l	100
46) Dibromomethane	9.712	93	31108	21.461	ug/l #	87
47) Bromodichloromethane	9.894	83	60803	21.661	ug/l	97
48) Methyl methacrylate	9.683	41	37672	21.462	ug/l	94
49) 1,4-Dioxane	9.700	88	19941	400.076	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	251488	104.014	ug/l	97
52) Toluene	10.630	92	115424	22.273	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	60616	21.510	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	67390	22.018	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	45637	21.622	ug/l	95
56) Ethyl methacrylate	10.877	69	64813	22.738	ug/l	97
57) 1,3-Dichloropropane	11.165	76	73002	21.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	97686	95.025	ug/l	96
59) 2-Hexanone	11.200	43	185786	102.330	ug/l	97
60) Dibromochloromethane	11.359	129	51723	23.874	ug/l	99
61) 1,2-Dibromoethane	11.471	107	46269	21.121	ug/l	99
64) Tetrachloroethene	11.106	164	43530	20.344	ug/l	93
65) Chlorobenzene	11.894	112	125275	21.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	48504	22.460	ug/l	97
67) Ethyl Benzene	11.965	91	219862	22.271	ug/l	96
68) m/p-Xylenes	12.071	106	180391	44.998	ug/l	97
69) o-Xylene	12.400	106	88198	22.143	ug/l	98
70) Styrene	12.412	104	141873	22.579	ug/l	98
71) Bromoform	12.582	173	38000	23.119	ug/l #	98
73) Isopropylbenzene	12.700	105	228628	21.464	ug/l	98
74) N-amyl acetate	12.500	43	71285	21.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	67281	20.718	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	59292m	21.509	ug/l	
77) Bromobenzene	12.982	156	55806	21.221	ug/l	83
78) n-propylbenzene	13.041	91	254534	21.412	ug/l	98
79) 2-Chlorotoluene	13.129	91	157192	21.947	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	197426	22.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17631	18.924	ug/l	97
82) 4-Chlorotoluene	13.129	91	157192	21.947	ug/l	97
83) tert-Butylbenzene	13.441	119	175555	21.757	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	200064	22.538	ug/l	99
85) sec-Butylbenzene	13.618	105	246413	22.507	ug/l	100
86) p-Isopropyltoluene	13.735	119	210305	22.831	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	108299	21.736	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	107661	21.272	ug/l	99
89) n-Butylbenzene	14.059	91	166610	21.416	ug/l	98
90) Hexachloroethane	14.335	117	34177	21.508	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	106607	21.951	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12244	19.904	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	54124	21.746	ug/l	98
94) Hexachlorobutadiene	15.500	225	29758	22.954	ug/l	96
95) Naphthalene	15.647	128	162694	20.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53978	22.066	ug/l	97

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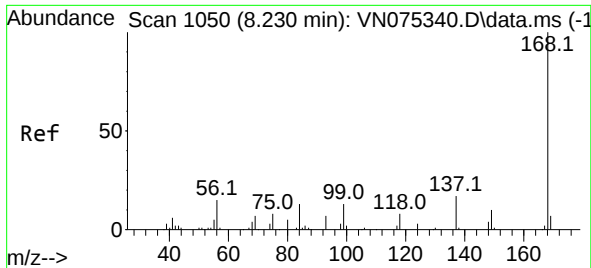
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

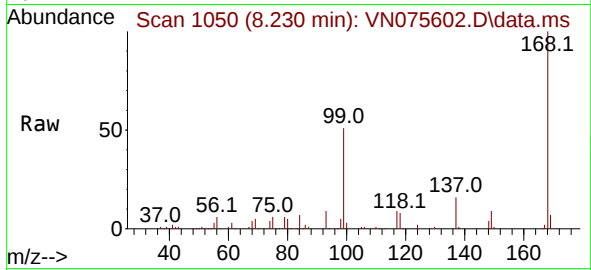
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075602.D
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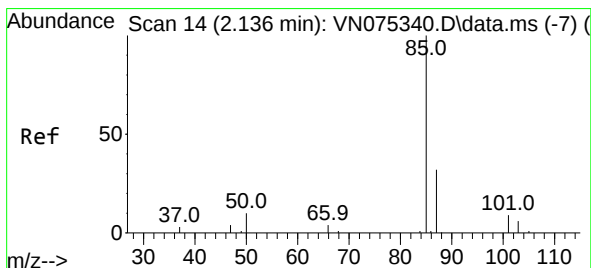
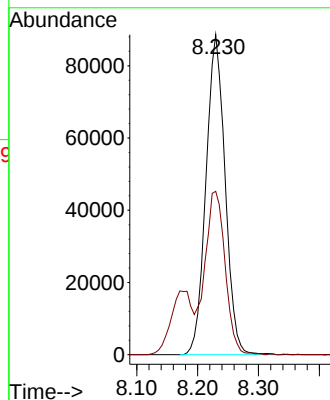
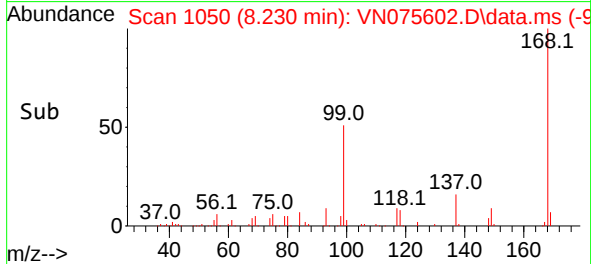
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 19325
Ion Ratio Lower Upper
168 100
99 51.1 51.6 77.4

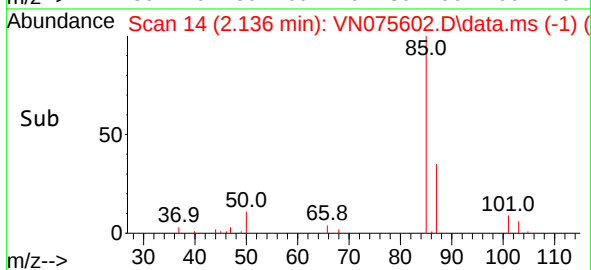
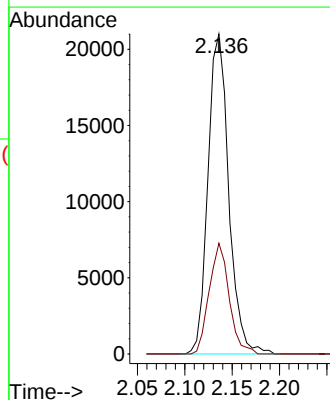
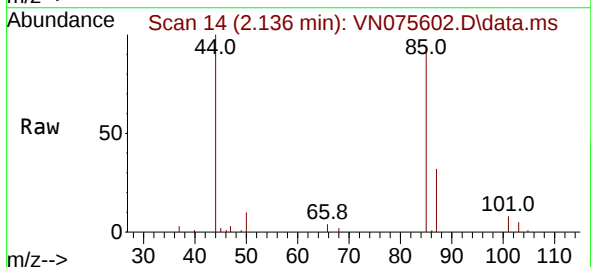
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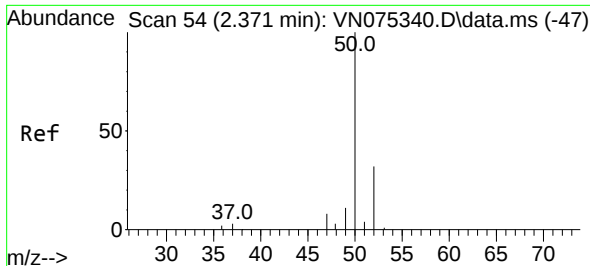
Reviewed By :John Carlone 12/08/2022
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#2
Dichlorodifluoromethane
Concen: 21.680 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 85 Resp: 32038
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.0





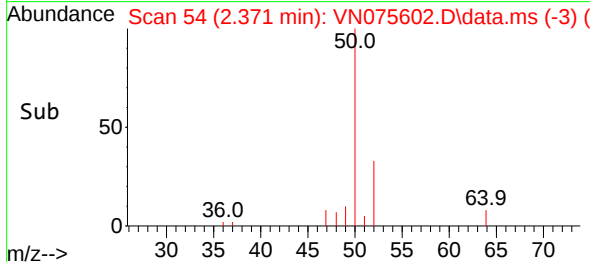
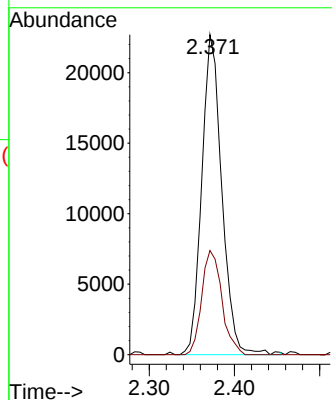
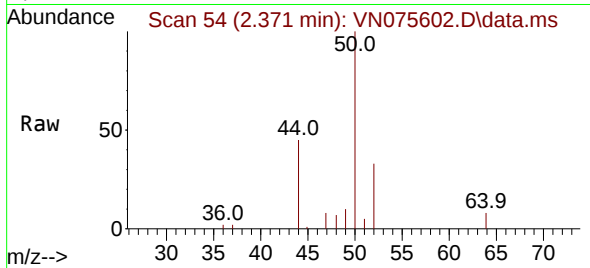
#3
Chloromethane
Concen: 20.176 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

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VN1207WBSD01

Tgt Ion: 50 Resp: 37098
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6

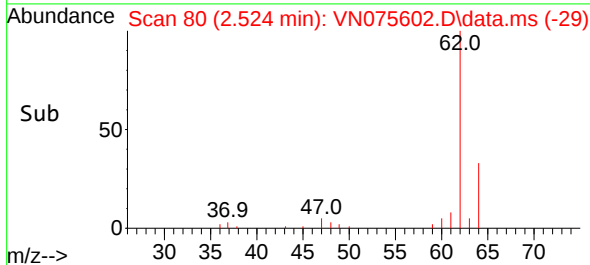
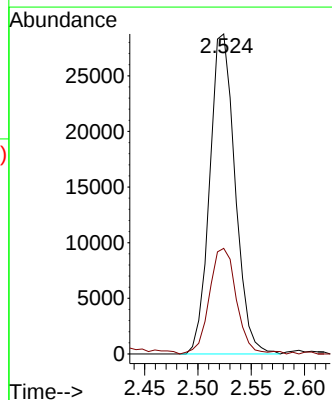
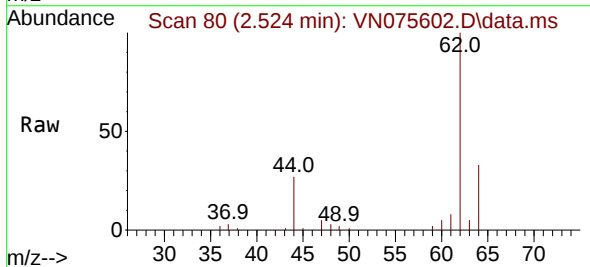
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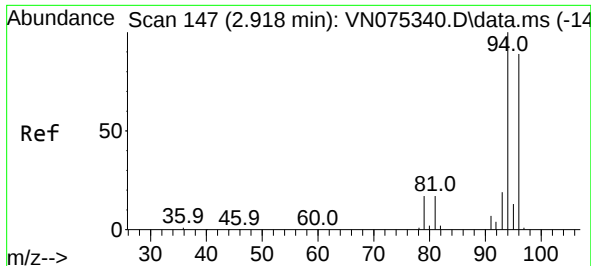
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#4
Vinyl Chloride
Concen: 20.576 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

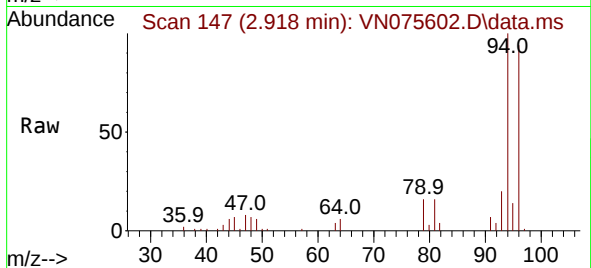
Tgt Ion: 62 Resp: 47682
Ion Ratio Lower Upper
62 100
64 33.0 24.0 36.0





#5
Bromomethane
Concen: 20.491 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

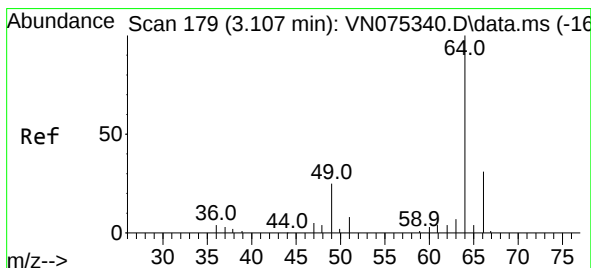
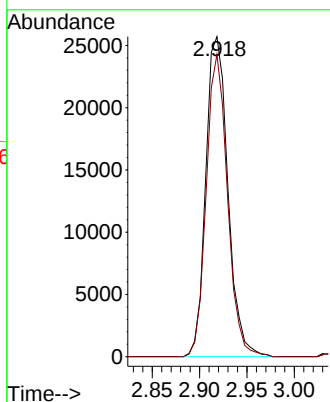
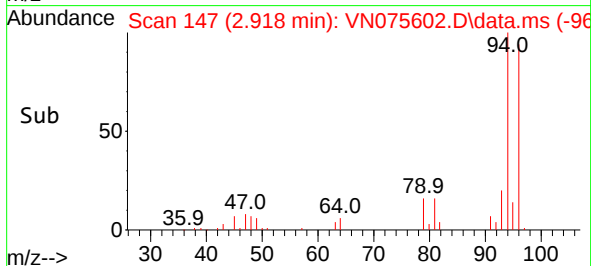
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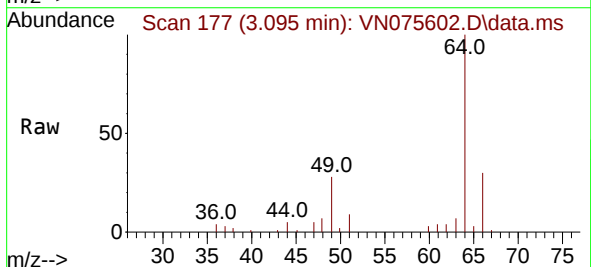
Tgt Ion: 94 Resp: 41758
Ion Ratio Lower Upper
94 100
96 94.5 71.8 107.6

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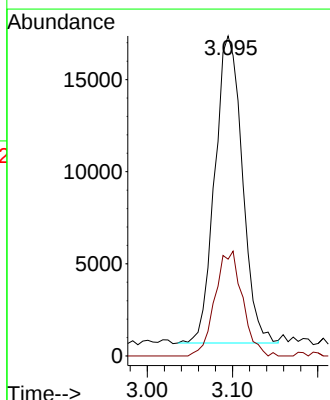
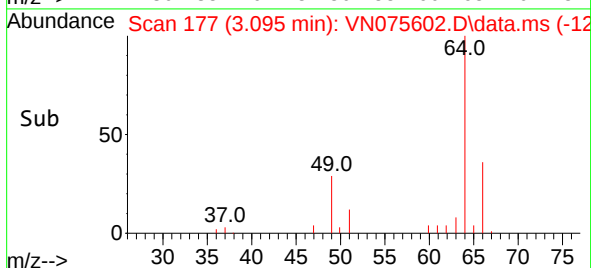
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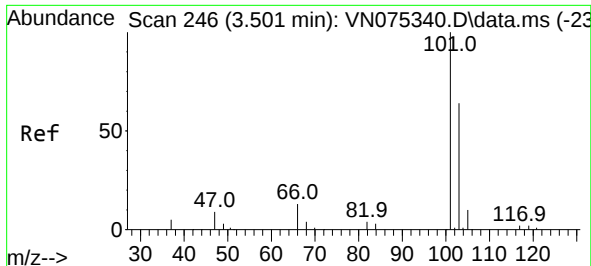


#6
Chloroethane
Concen: 21.245 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



Tgt Ion: 64 Resp: 37304
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.8





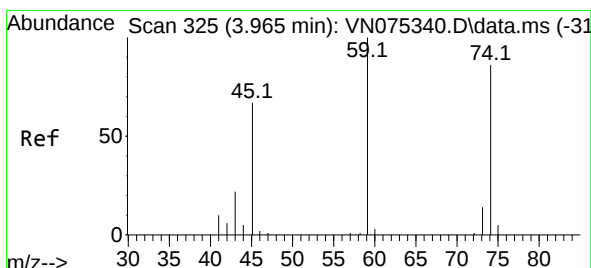
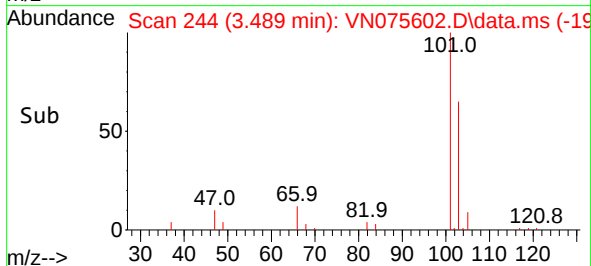
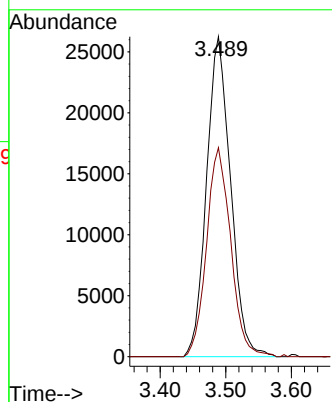
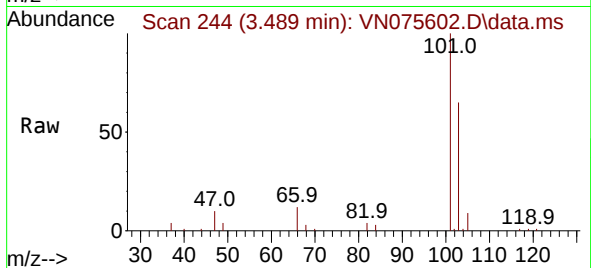
#7
Trichlorofluoromethane
Concen: 20.184 ug/l
RT: 3.489 min Scan# 246
Delta R.T. -0.012 min
Lab File: VN075602.D
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Instrument :
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Tgt Ion:101 Resp: 6682
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

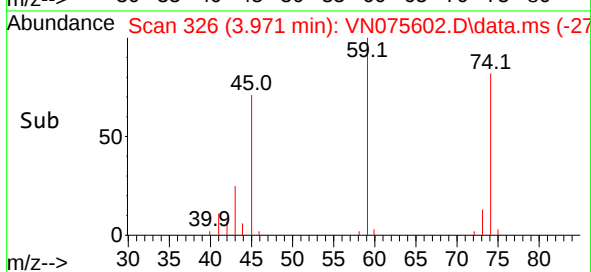
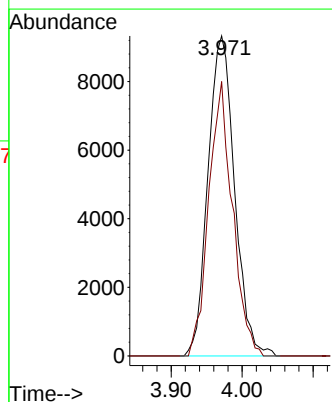
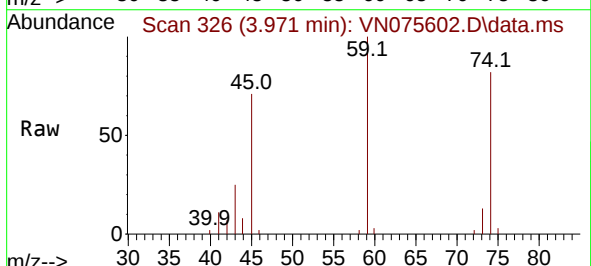
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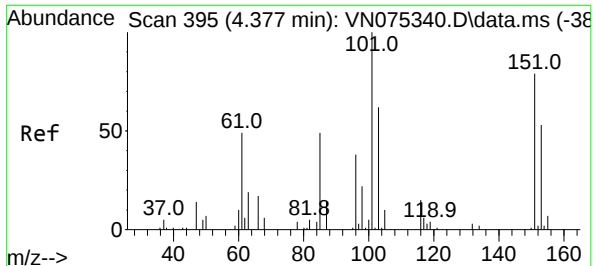
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#8
Diethyl Ether
Concen: 20.889 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075602.D
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Tgt Ion: 74 Resp: 24238
Ion Ratio Lower Upper
74 100
45 76.9 39.3 117.9





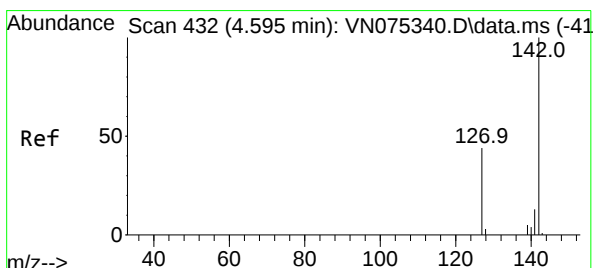
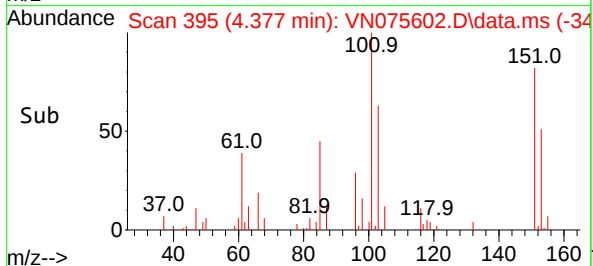
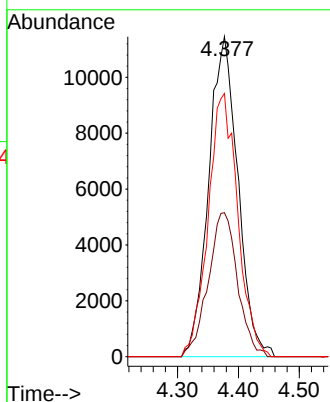
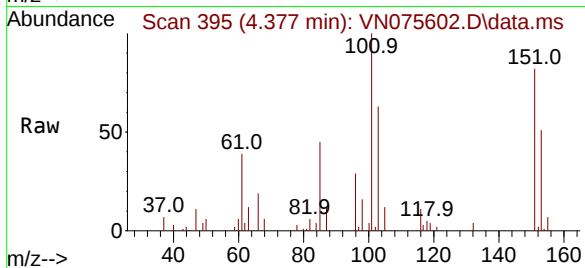
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.905 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075602.D
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Tgt Ion:101 Resp: 3820
Ion Ratio Lower Upper
101 100
85 45.3 37.6 56.4
151 83.1 58.3 87.5

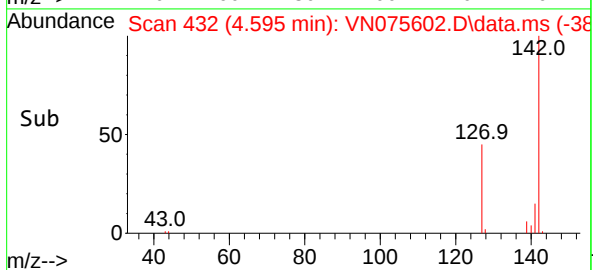
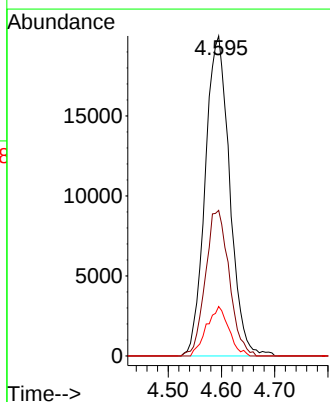
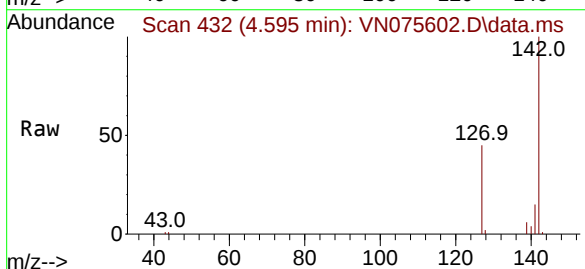
Manual Integrations
APPROVED

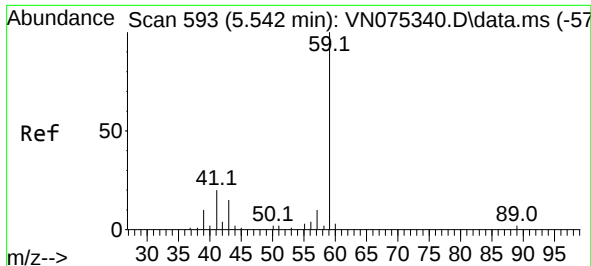
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#10
Methyl Iodide
Concen: 21.563 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

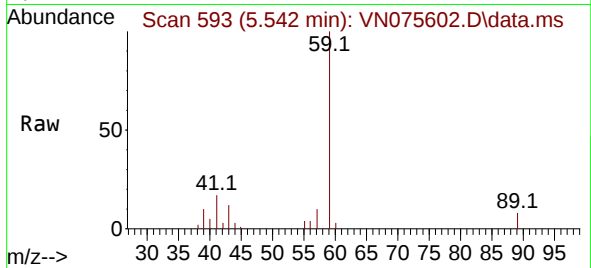
Tgt Ion:142 Resp: 63857
Ion Ratio Lower Upper
142 100
127 44.3 38.0 57.0
141 14.1 12.2 18.4





#11
Tert butyl alcohol
Concen: 91.337 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

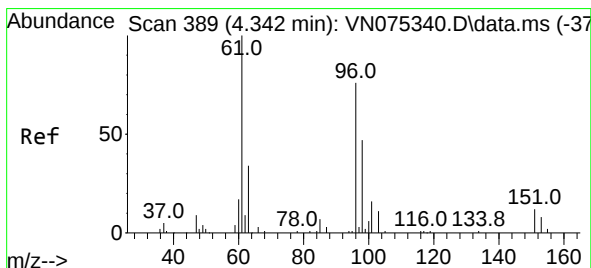
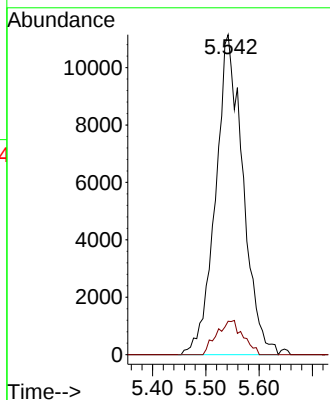
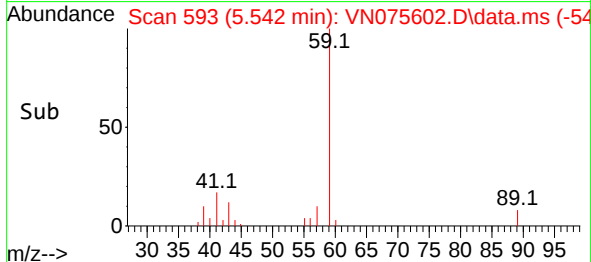
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



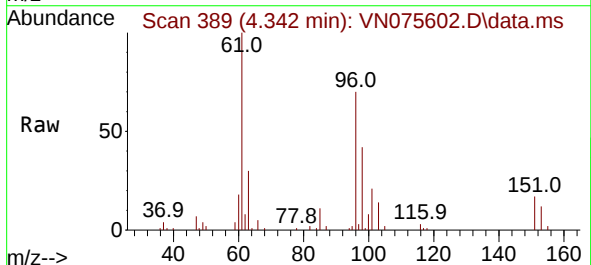
Tgt Ion: 59 Resp: 39775
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
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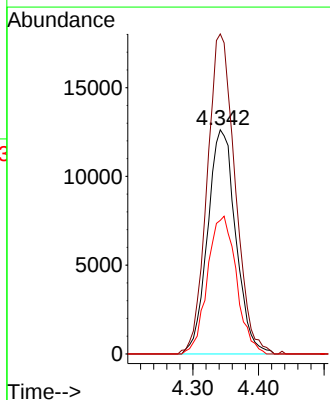
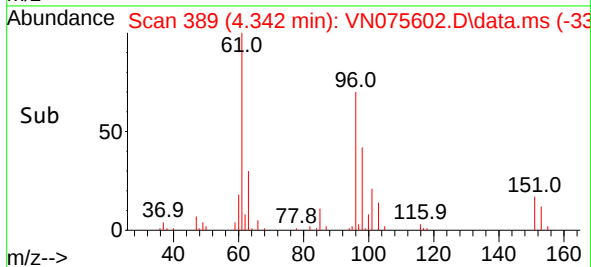
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#12
1,1-Dichloroethene
Concen: 21.007 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



Tgt Ion: 96 Resp: 37595
Ion Ratio Lower Upper
96 100
61 142.7 126.2 189.4
98 59.6 51.5 77.3





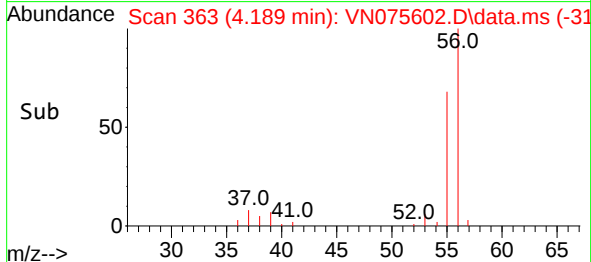
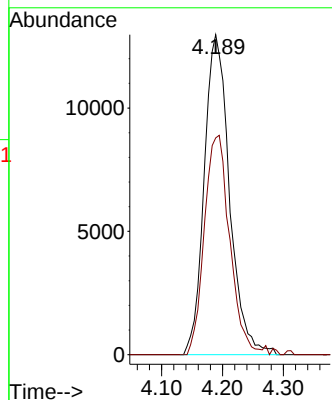
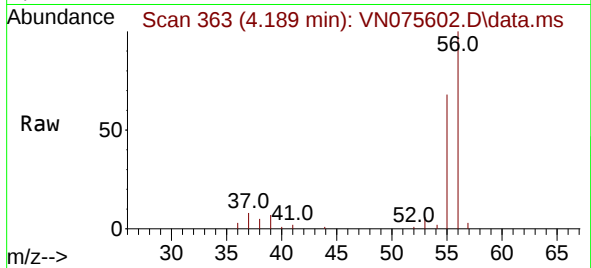
#13
Acrolein
Concen: 98.693 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 56 Resp: 3744
Ion Ratio Lower Upper
56 100
55 69.1 55.2 82.8

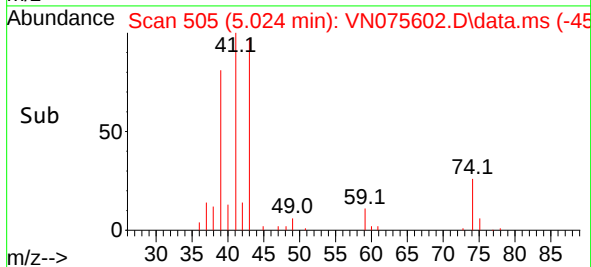
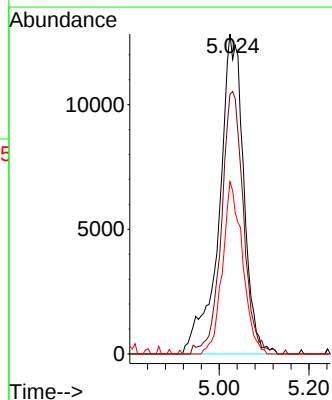
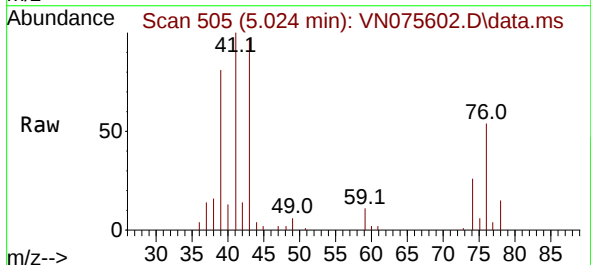
Manual Integrations
APPROVED

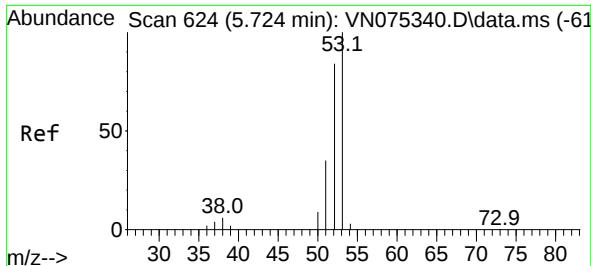
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#14
Allyl chloride
Concen: 21.053 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.012 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

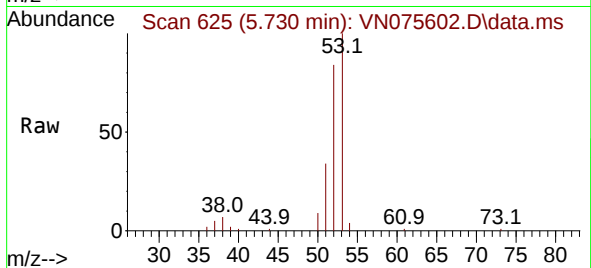
Tgt Ion: 41 Resp: 48735
Ion Ratio Lower Upper
41 100
39 73.8 61.0 91.4
76 44.0 33.4 50.0





#15
Acrylonitrile
Concen: 94.828 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

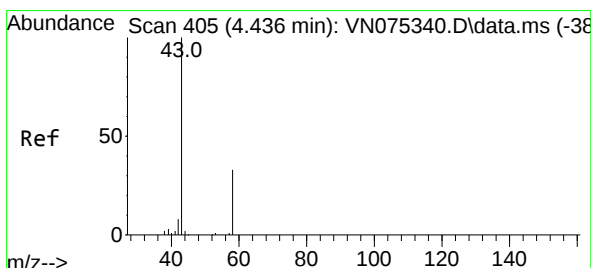
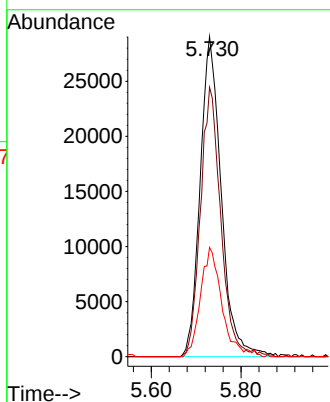
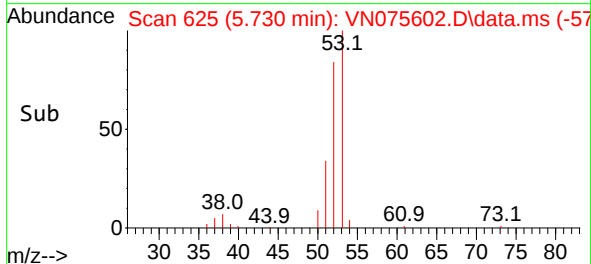
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 53 Resp: 9474
Ion Ratio Lower Upper
53 100
52 80.3 66.4 99.6
51 33.8 29.6 44.4

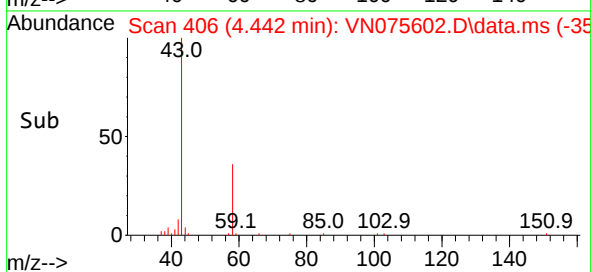
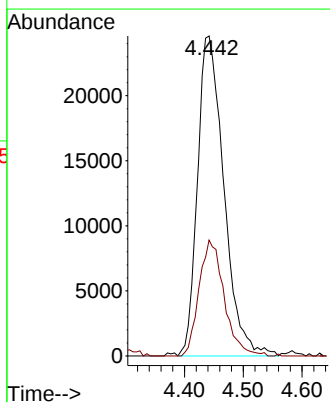
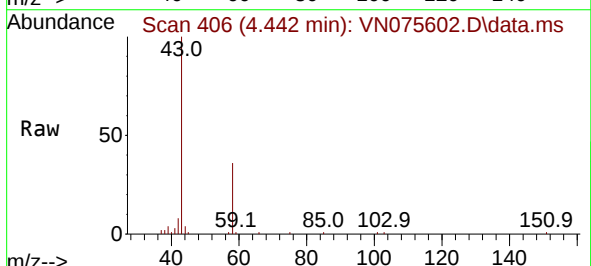
Manual Integrations
APPROVED

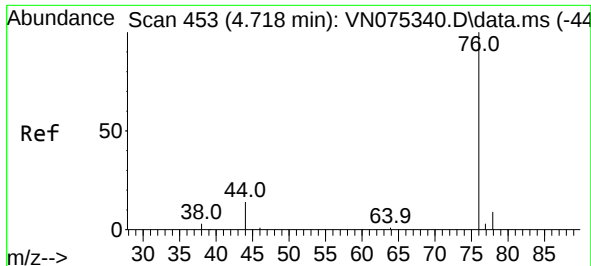
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#16
Acetone
Concen: 79.228 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 43 Resp: 76662
Ion Ratio Lower Upper
43 100
58 36.2 25.5 38.3





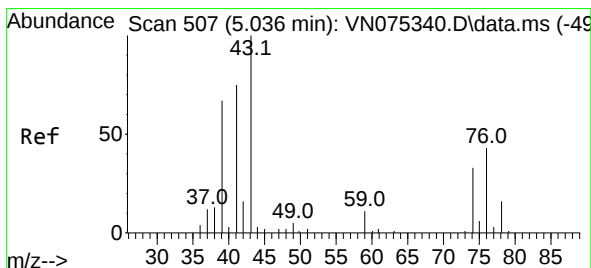
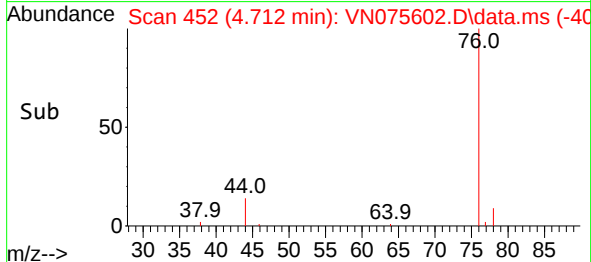
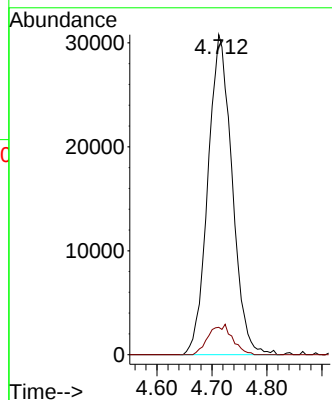
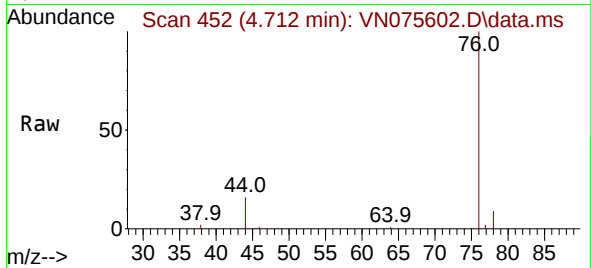
#17
Carbon Disulfide
Concen: 20.217 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 76 Resp: 9402
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

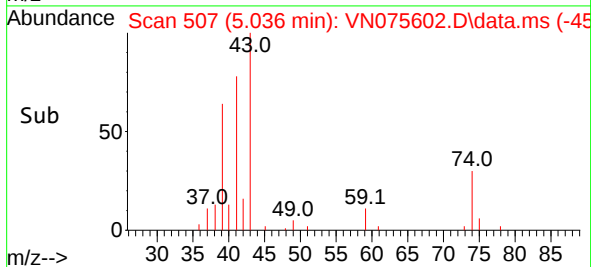
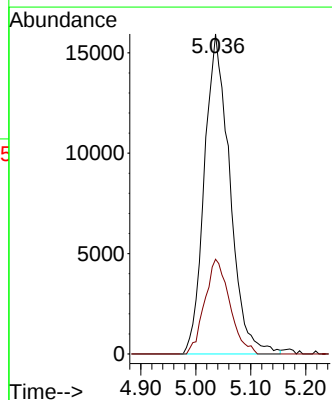
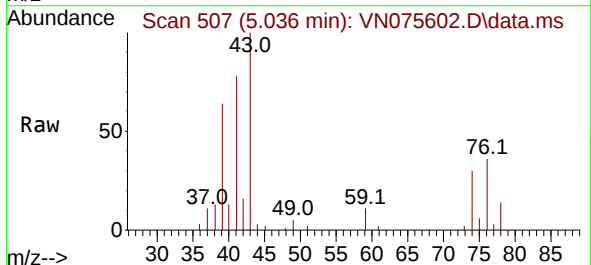
Manual Integrations
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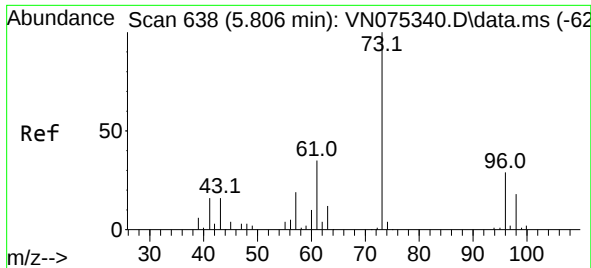
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 20.211 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 43 Resp: 51184
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





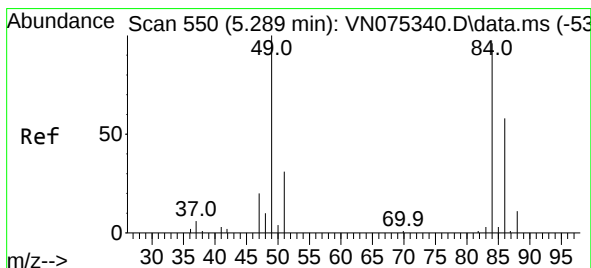
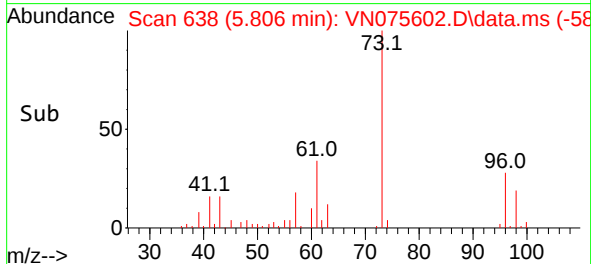
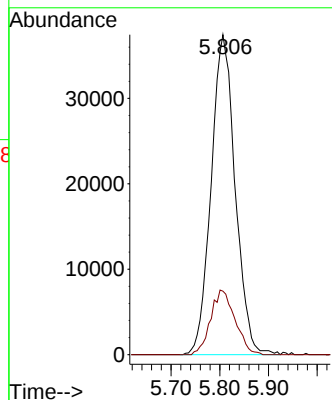
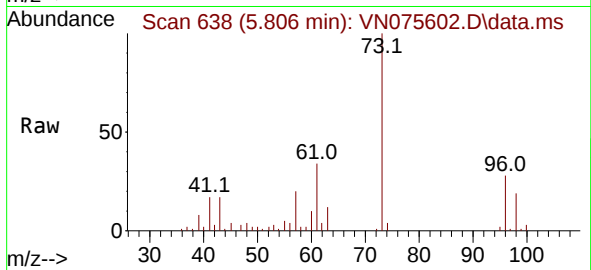
#19
Methyl tert-butyl Ether
Concen: 20.287 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 73 Resp: 128610
Ion Ratio Lower Upper
73 100
57 19.8 16.3 24.5

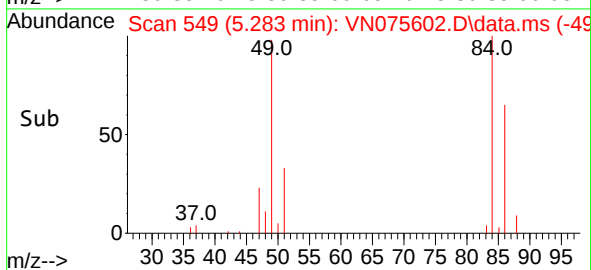
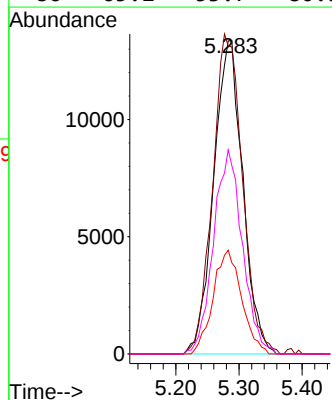
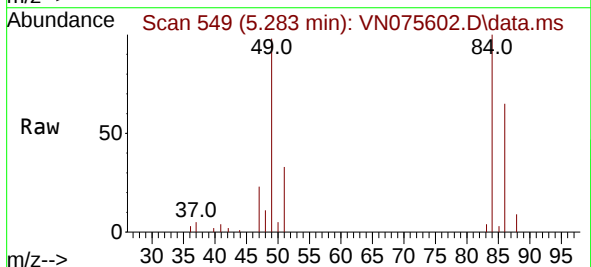
Manual Integrations
APPROVED

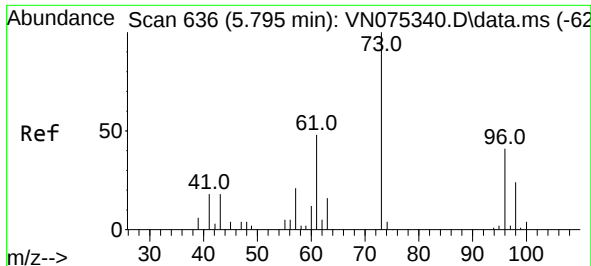
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#20
Methylene Chloride
Concen: 21.019 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 84 Resp: 42696
Ion Ratio Lower Upper
84 100
49 98.3 94.9 142.3
51 33.2 26.8 40.2
86 65.2 53.7 80.5





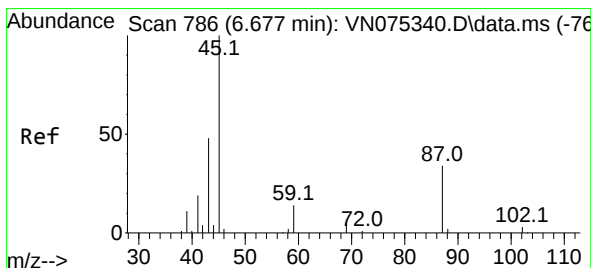
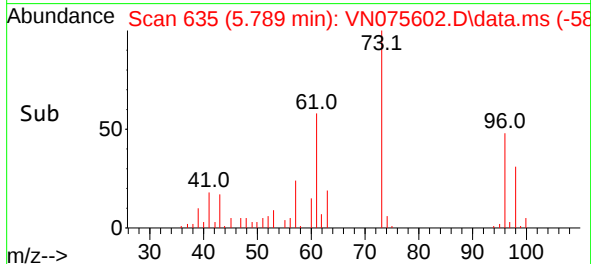
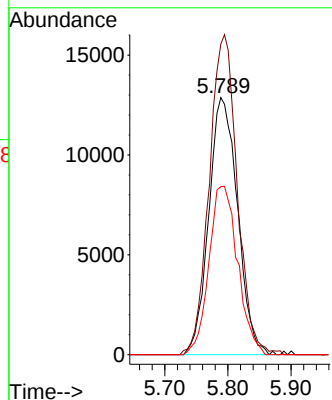
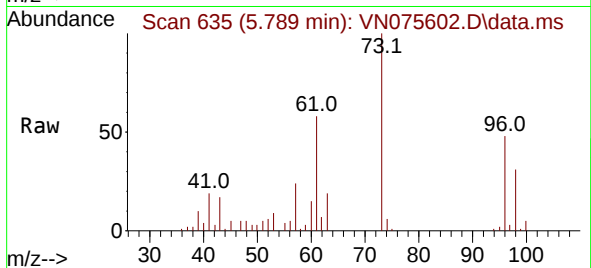
#21
trans-1,2-Dichloroethene
Concen: 19.976 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 96 Resp: 4074
Ion Ratio Lower Upper
96 100
61 120.9 99.9 149.9
98 65.3 51.5 77.3

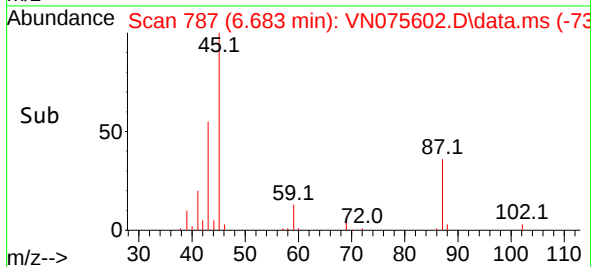
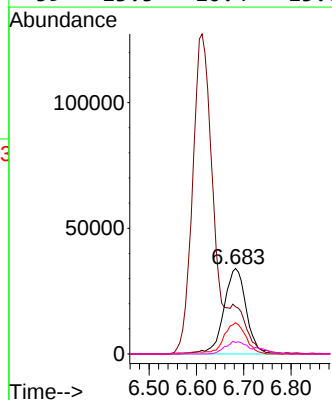
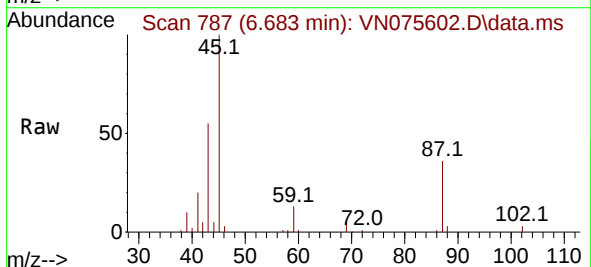
Manual Integrations
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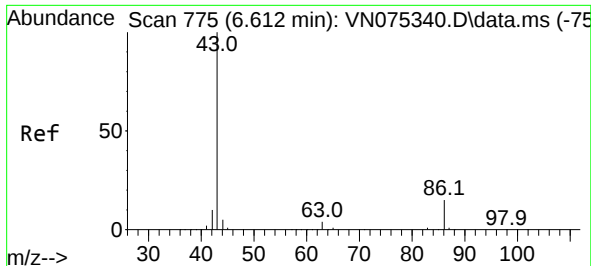
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#22
Diisopropyl ether
Concen: 21.012 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 45 Resp: 111000
Ion Ratio Lower Upper
45 100
43 54.1 42.8 64.2
87 36.5 28.4 42.6
59 13.5 10.4 15.6





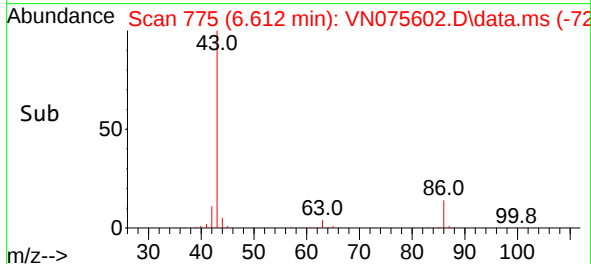
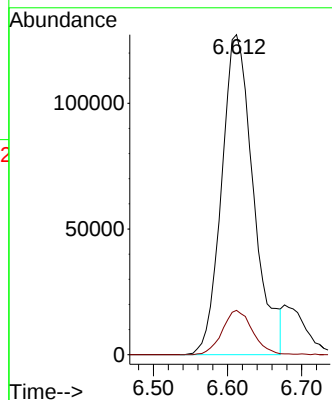
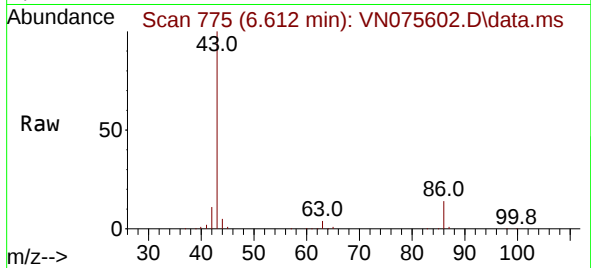
#23
 Vinyl Acetate
 Concen: 90.536 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075602.D
 Acq: 07 Dec 2022 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Tgt Ion: 43 Resp: 38049
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.7 16.1

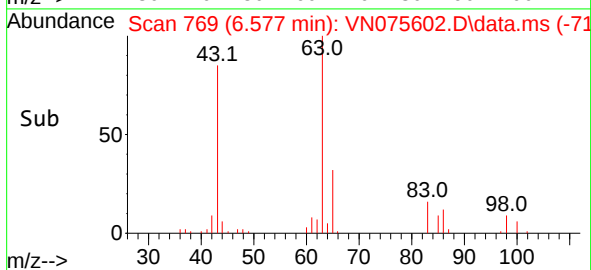
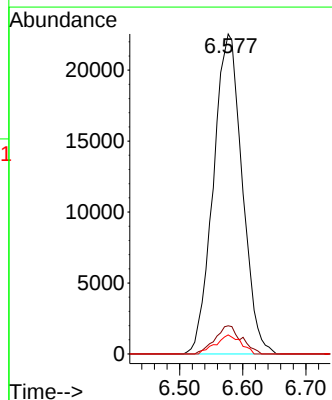
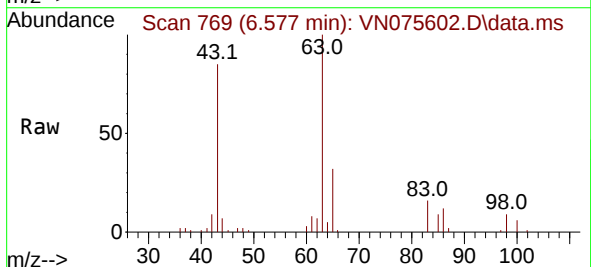
Manual Integrations
 APPROVED

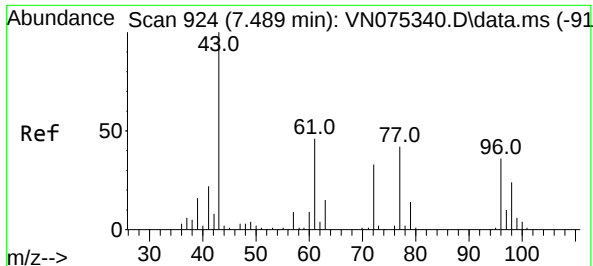
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022



#24
 1,1-Dichloroethane
 Concen: 21.112 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075602.D
 Acq: 07 Dec 2022 12:09

Tgt Ion: 63 Resp: 71588
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.8
 100 6.0 2.4 7.2





#25

2-Butanone

Concen: 88.017 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 43 Resp: 11890

Ion Ratio Lower Upper

43 100

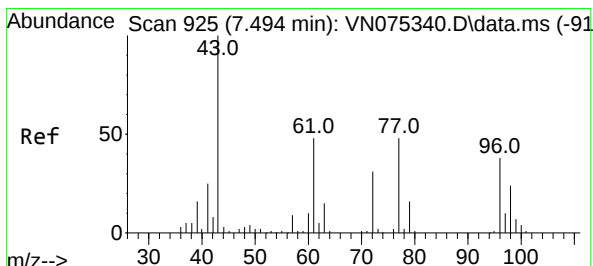
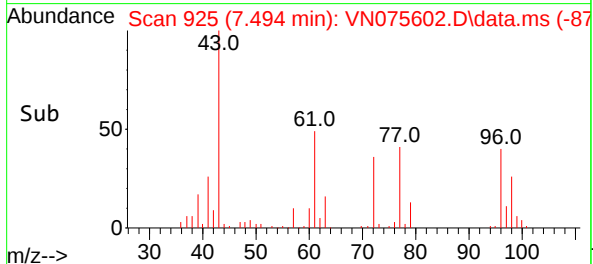
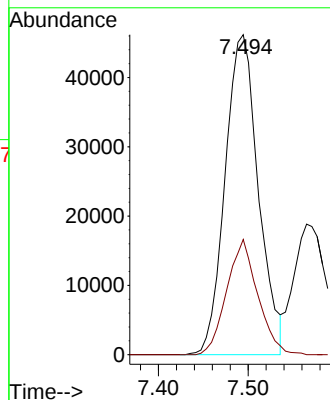
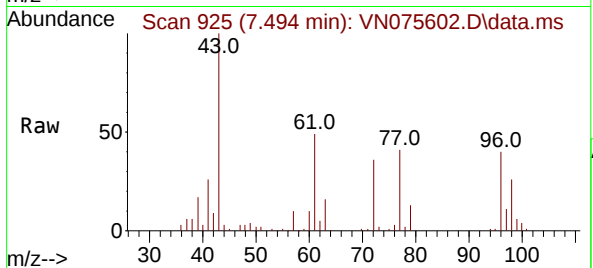
72 36.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#26

2,2-Dichloropropane

Concen: 18.177 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075602.D

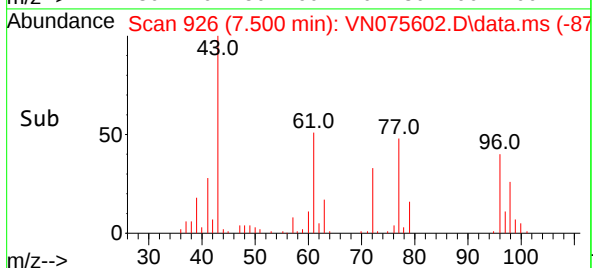
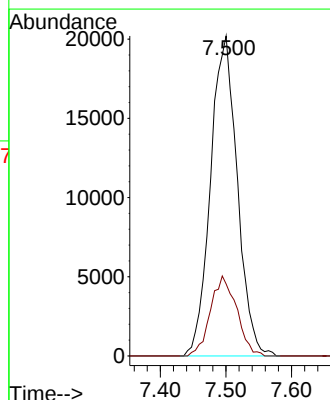
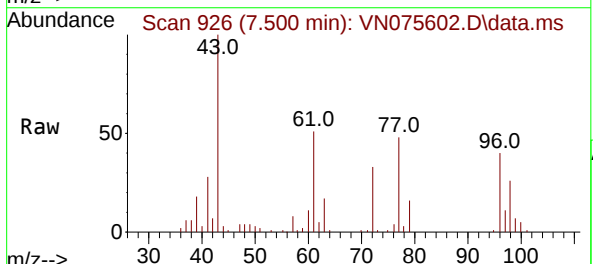
Acq: 07 Dec 2022 12:09

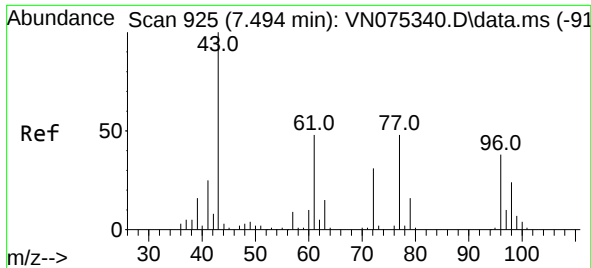
Tgt Ion: 77 Resp: 57281

Ion Ratio Lower Upper

77 100

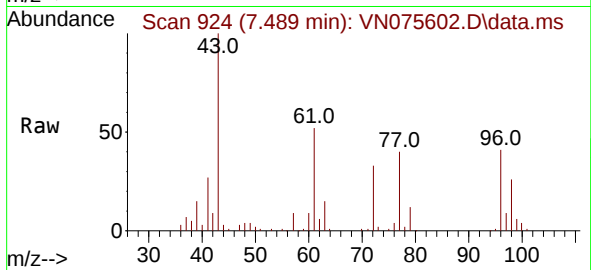
97 24.5 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 21.165 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

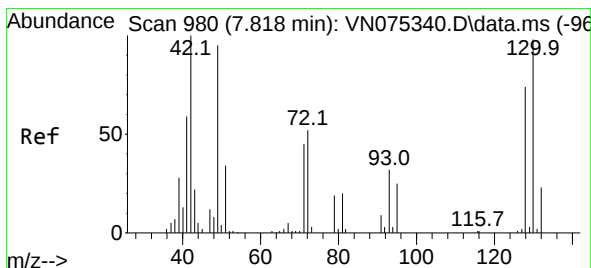
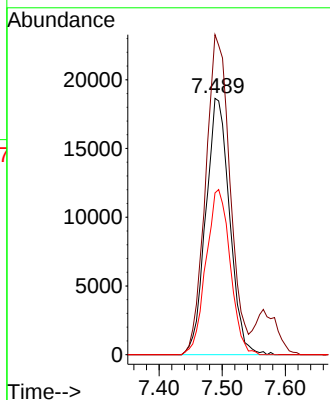
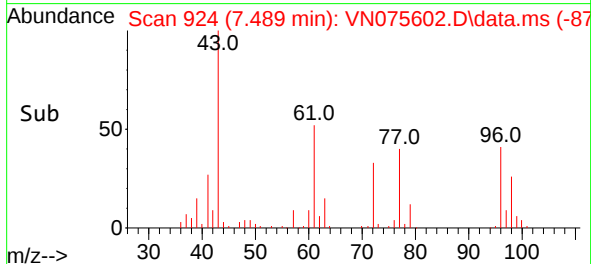
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 96 Resp: 4881
Ion Ratio Lower Upper
96 100
61 127.8 0.0 278.8
98 65.5 0.0 128.4

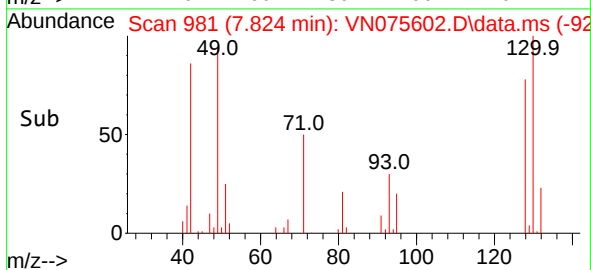
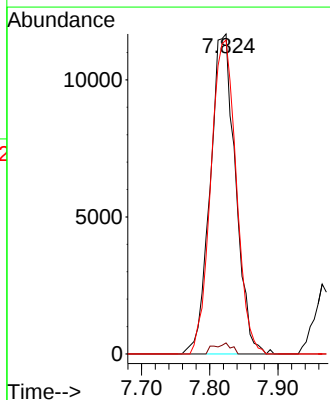
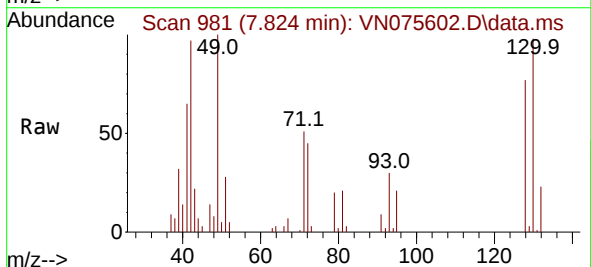
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#28
Bromochloromethane
Concen: 21.914 ug/l
RT: 7.824 min Scan# 981
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 49 Resp: 30162
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 98.5 66.2 99.4





#29

Tetrahydrofuran

Concen: 93.249 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

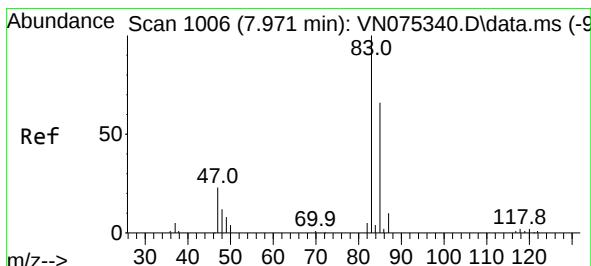
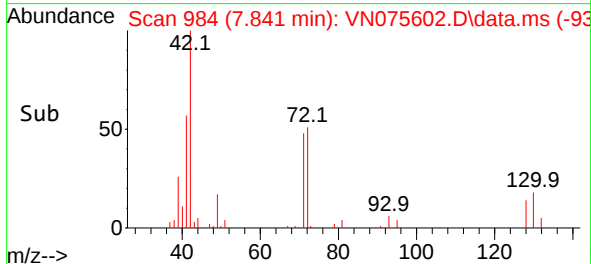
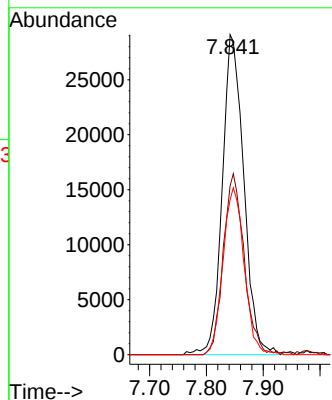
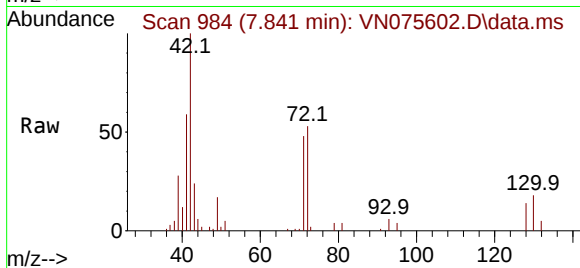
Tgt Ion:	42	Resp:	76624
Ion Ratio	Lower	Upper	
42	100		
72	54.9	43.0	64.6
71	51.5	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#30

Chloroform

Concen: 20.033 ug/l

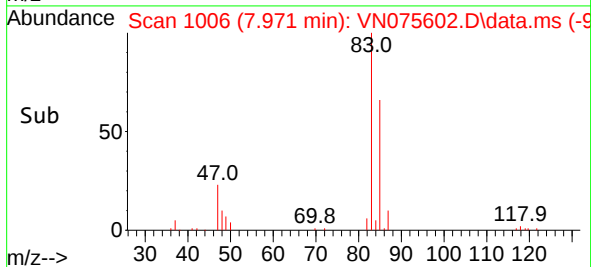
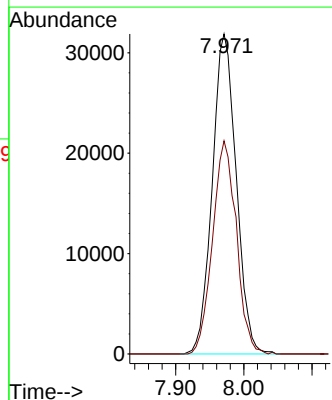
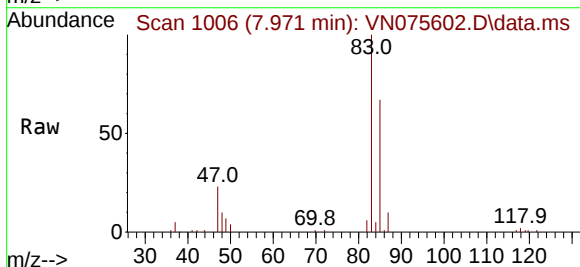
RT: 7.971 min Scan# 1006

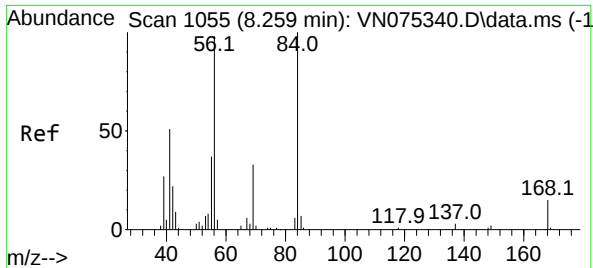
Delta R.T. -0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

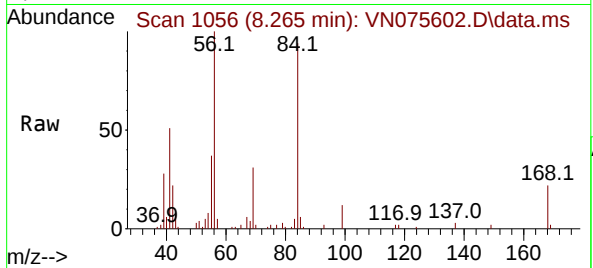
Tgt Ion:	83	Resp:	78007
Ion Ratio	Lower	Upper	
83	100		
85	66.6	51.4	77.0





#31
Cyclohexane
Concen: 20.081 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

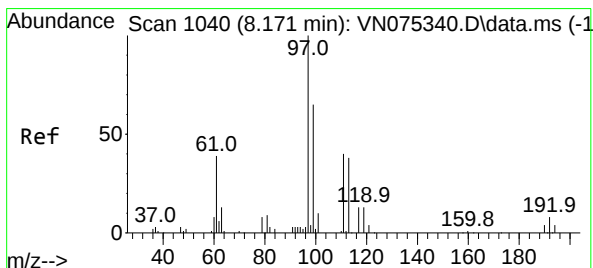
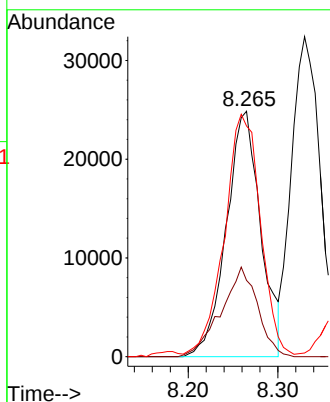
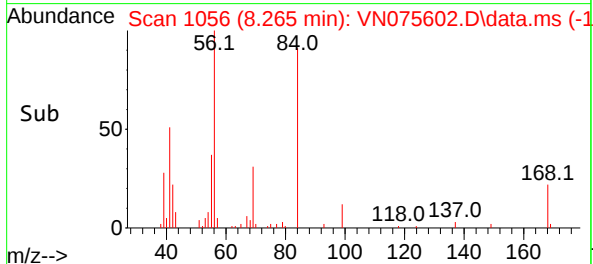
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



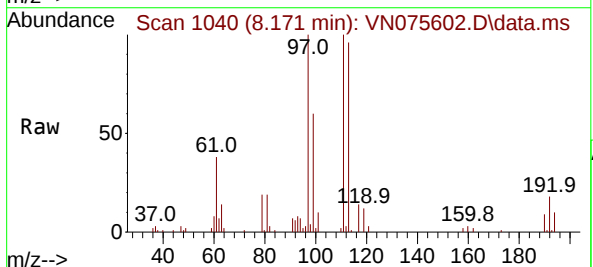
Tgt Ion: 56 Resp: 6618
Ion Ratio Lower Upper
56 100
69 31.1 25.2 37.8
84 92.7 77.8 116.8

Manual Integrations
APPROVED

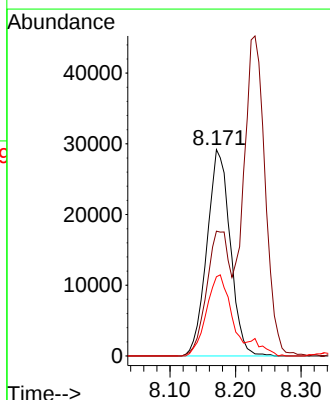
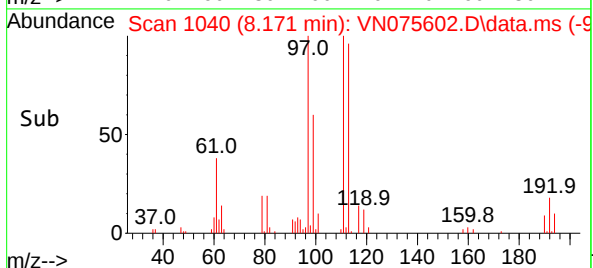
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#32
1,1,1-Trichloroethane
Concen: 20.353 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



Tgt Ion: 97 Resp: 71960
Ion Ratio Lower Upper
97 100
99 59.8 50.2 75.2
61 42.1 37.0 55.6





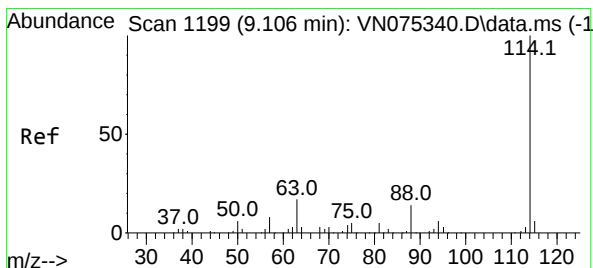
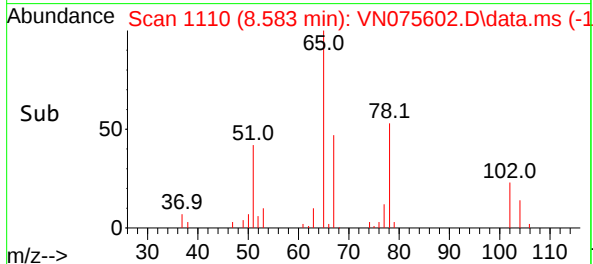
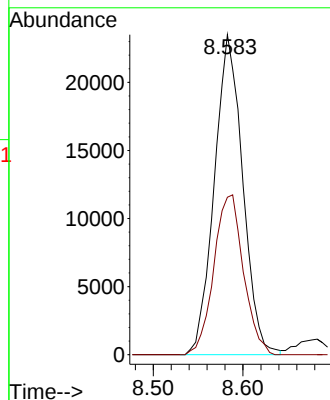
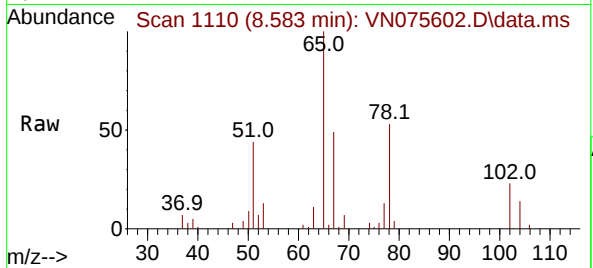
#33
1,2-Dichloroethane-d4
Concen: 49.726 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 65 Resp: 51584
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0

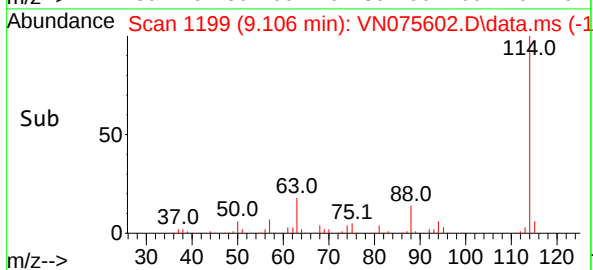
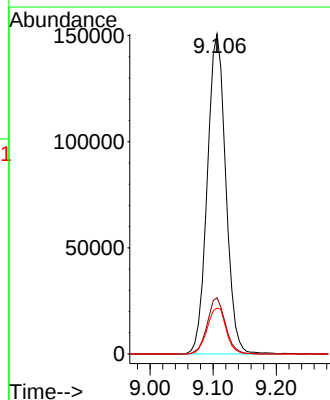
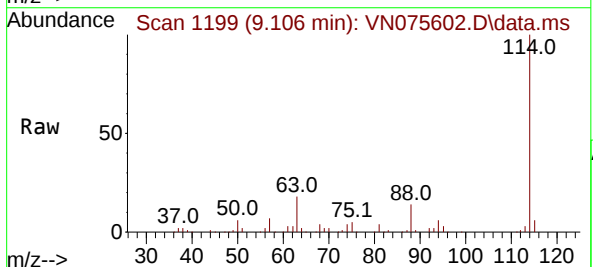
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:114 Resp: 306596
Ion Ratio Lower Upper
114 100
63 17.5 0.0 39.6
88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.590 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 113 Resp: 65749

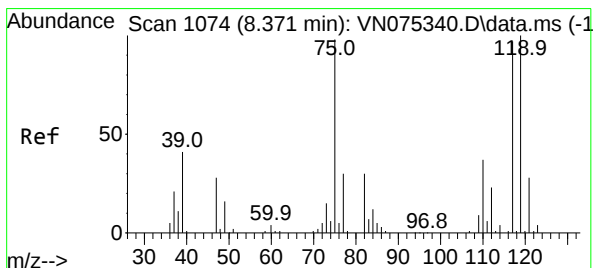
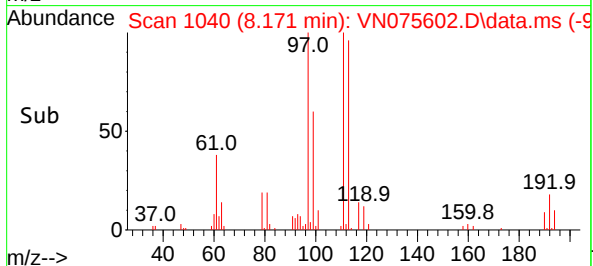
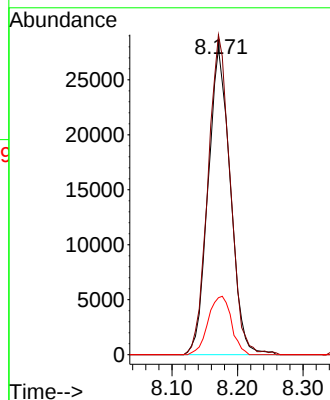
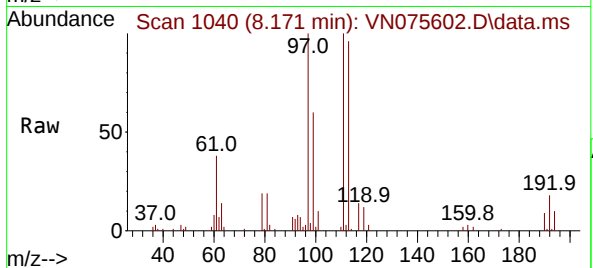
Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.5	120.7
192	19.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#36

1,1-Dichloropropene

Concen: 21.515 ug/l

RT: 8.377 min Scan# 1075

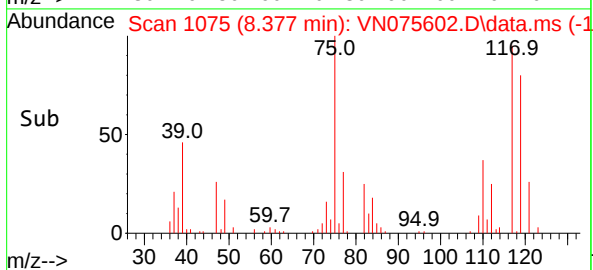
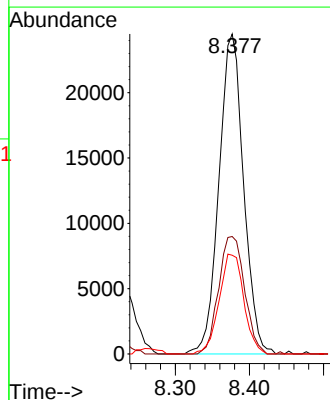
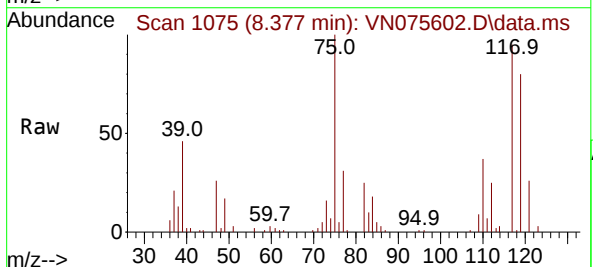
Delta R.T. 0.006 min

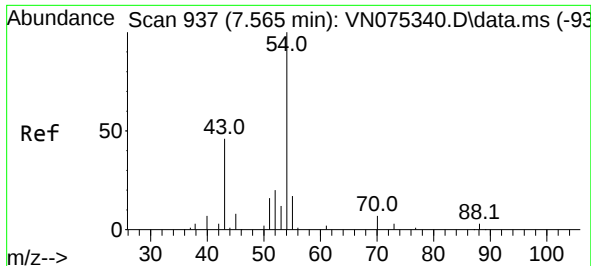
Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Tgt Ion: 75 Resp: 56510

Ion	Ratio	Lower	Upper
75	100		
110	38.6	17.8	53.3
77	31.2	24.6	37.0





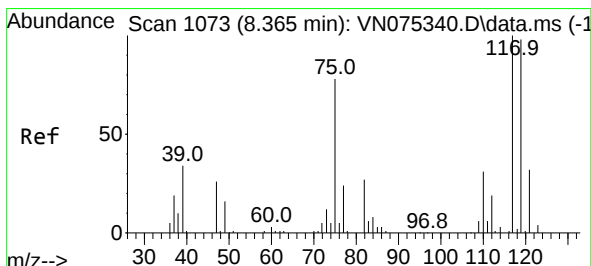
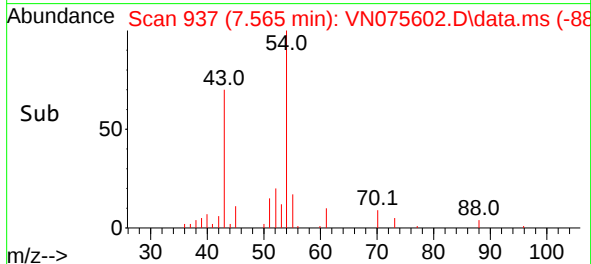
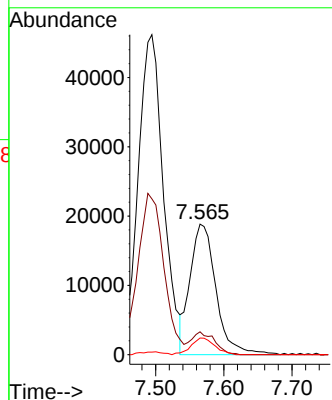
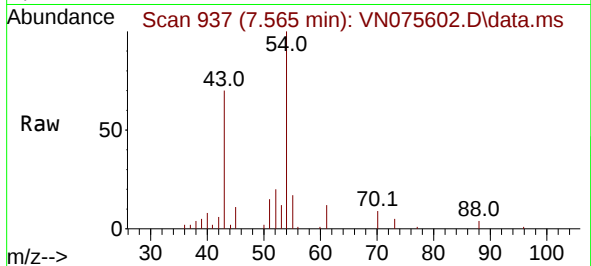
#37
Ethyl Acetate
Concen: 21.060 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
61 15.8 12.2 18.4
70 11.6 9.4 14.2

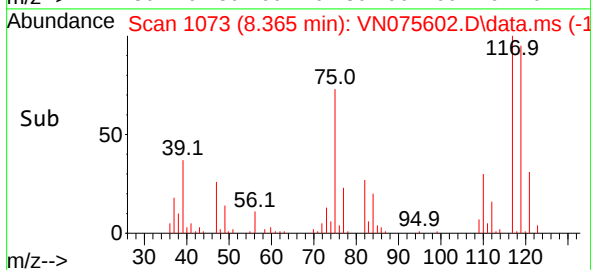
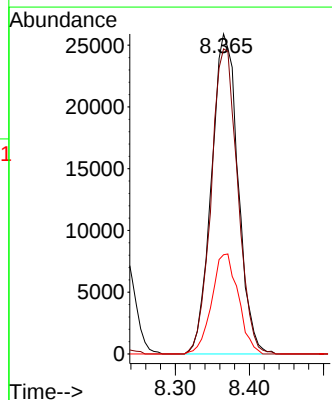
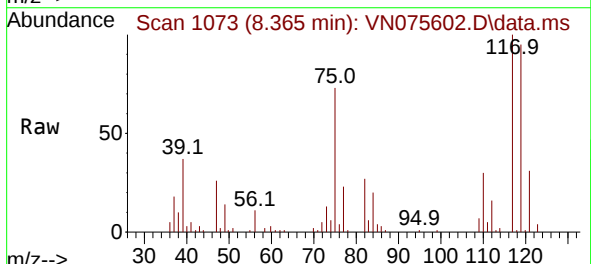
Manual Integrations
APPROVED

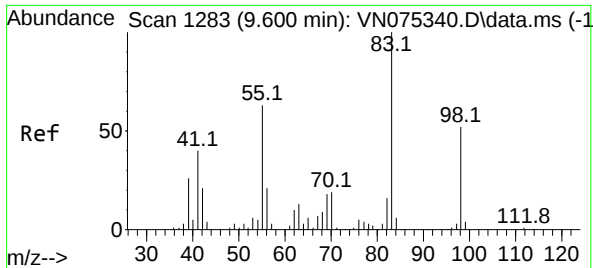
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#38
Carbon Tetrachloride
Concen: 22.358 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:117 Resp: 64508
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1
121 31.0 23.9 35.9





#39

Methylcyclohexane

Concen: 21.719 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 83 Resp: 71394

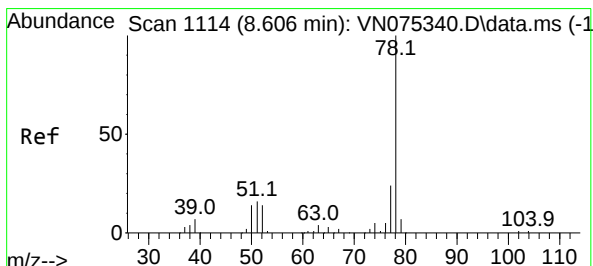
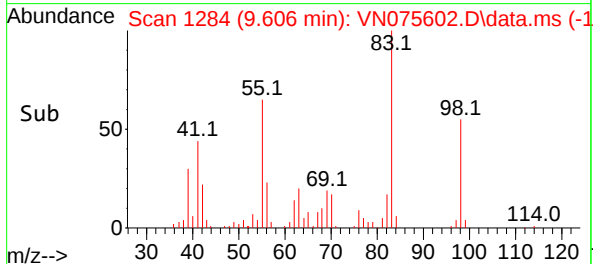
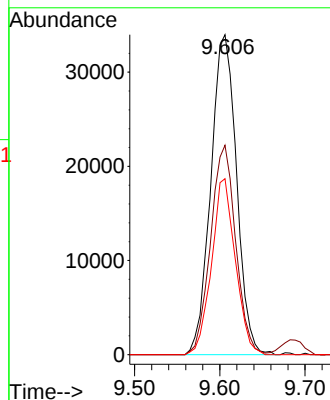
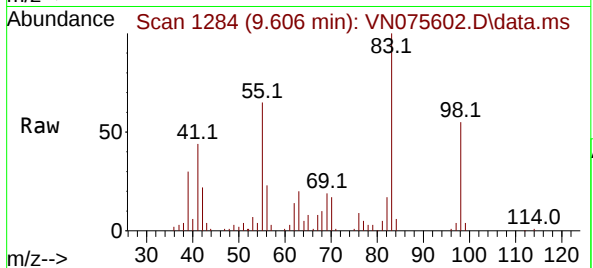
Ion	Ratio	Lower	Upper
83	100		
55	65.4	53.6	80.4
98	55.0	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#40

Benzene

Concen: 21.472 ug/l

RT: 8.612 min Scan# 1115

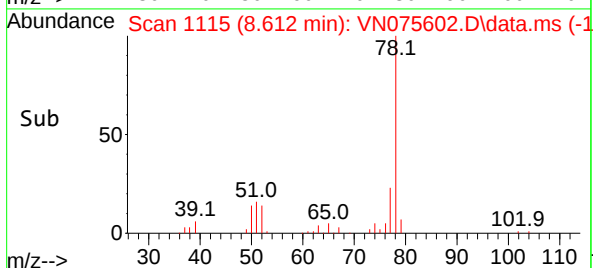
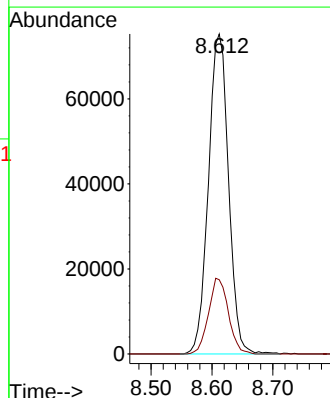
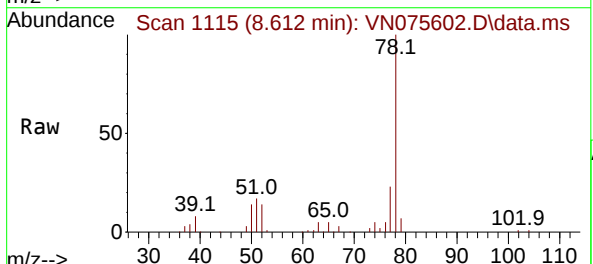
Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Tgt Ion: 78 Resp: 172674

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 20.341 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

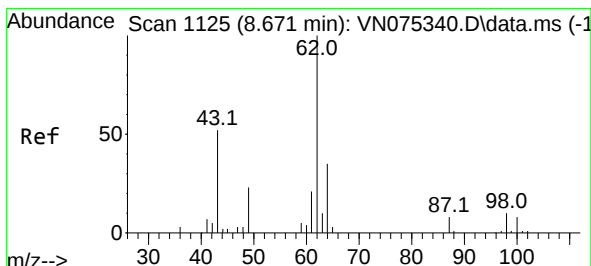
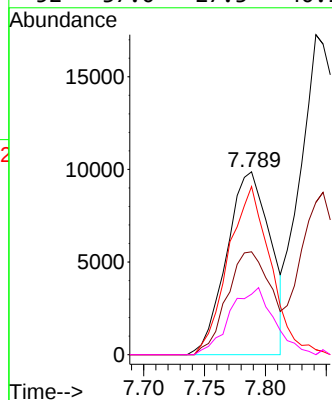
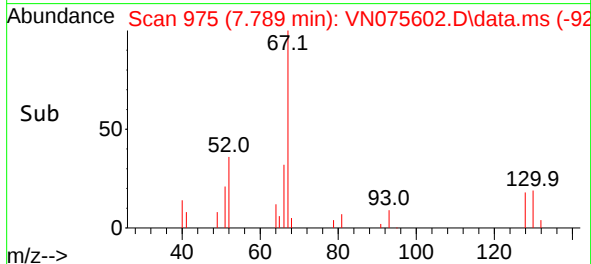
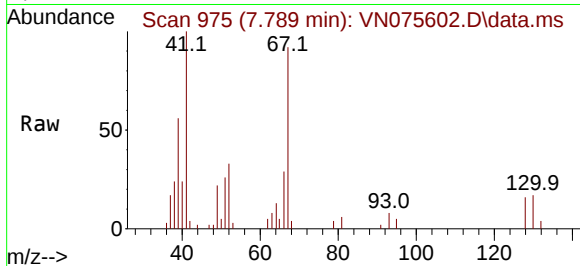
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 41 Resp: 2459

Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.4	66.6
67	89.7	69.8	104.6
52	37.0	27.3	40.9

Manual Integrations
APPROVED

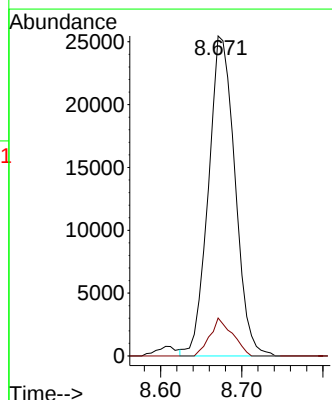
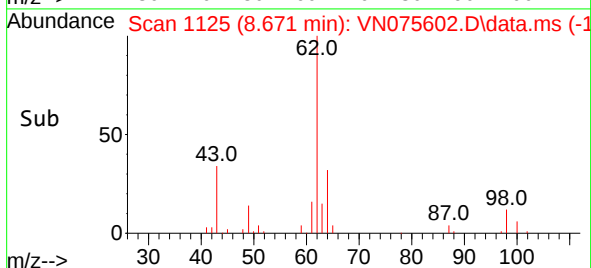
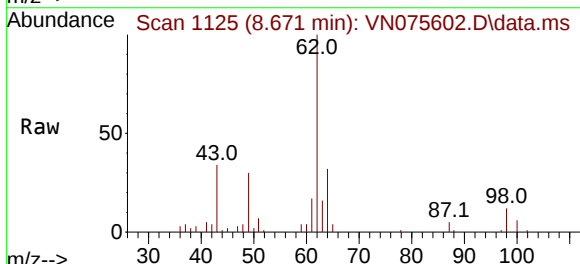
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

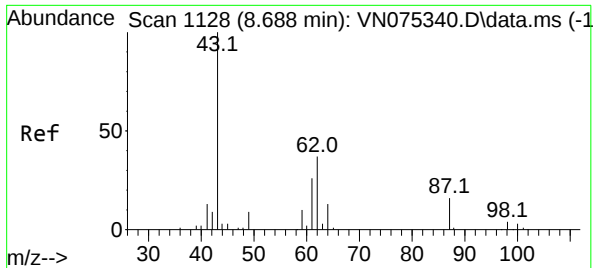


#42
1,2-Dichloroethane
Concen: 21.484 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 62 Resp: 57861

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 21.369 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

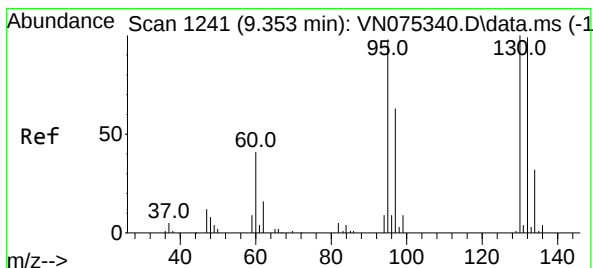
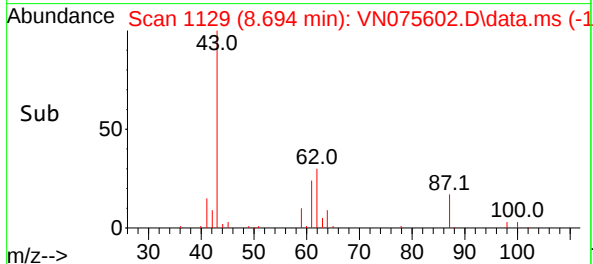
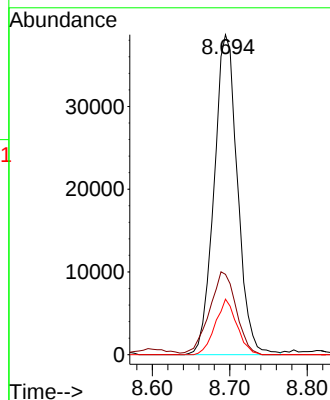
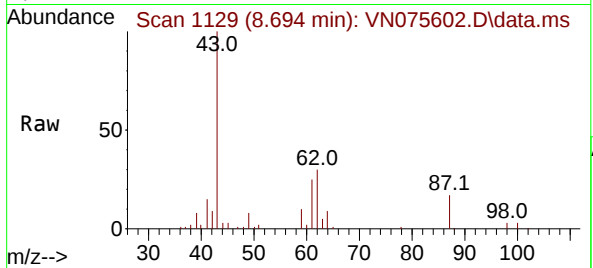
Tgt Ion: 43	Resp: 8112
Ion Ratio	Lower Upper
43 100	
61 29.6	22.4 33.6
87 16.0	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#44

Trichloroethene

Concen: 21.846 ug/l

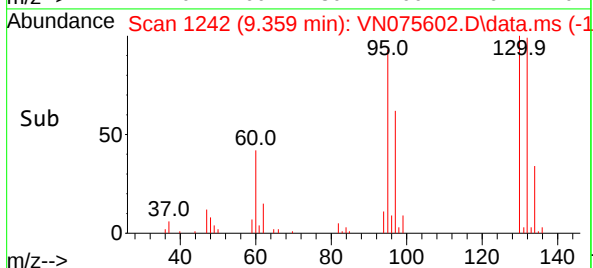
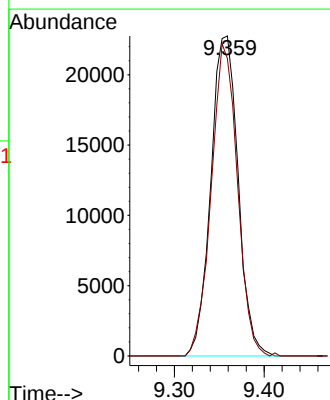
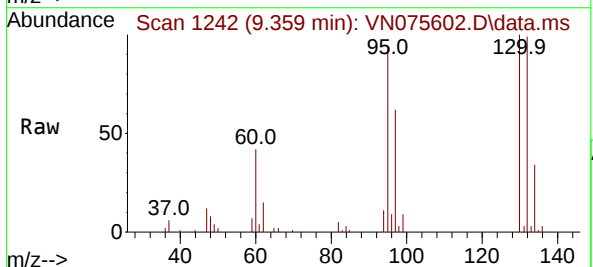
RT: 9.359 min Scan# 1242

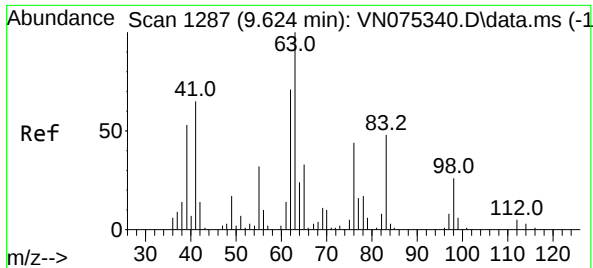
Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Tgt Ion:130	Resp: 48069
Ion Ratio	Lower Upper
130 100	
95 92.9	0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.711 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 63 Resp: 4160

Ion Ratio Lower Upper

63 100

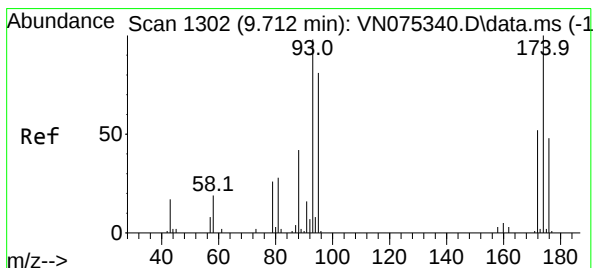
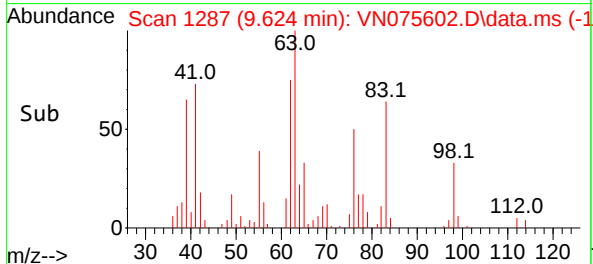
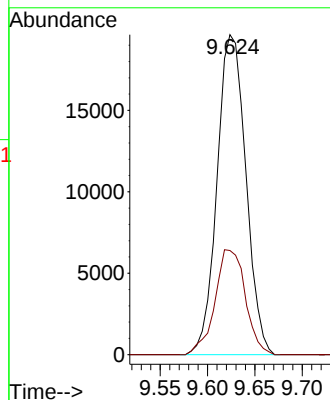
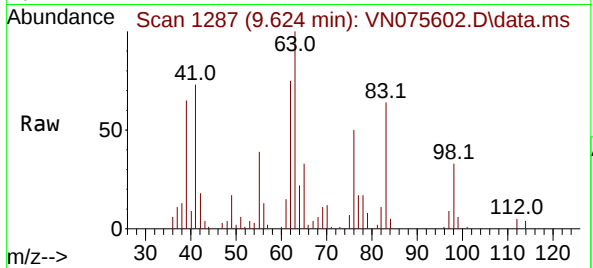
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#46

Dibromomethane

Concen: 21.461 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

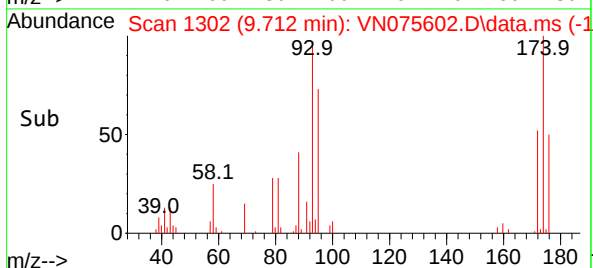
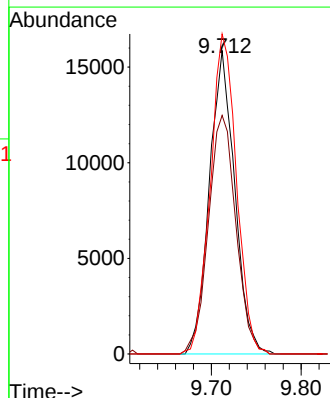
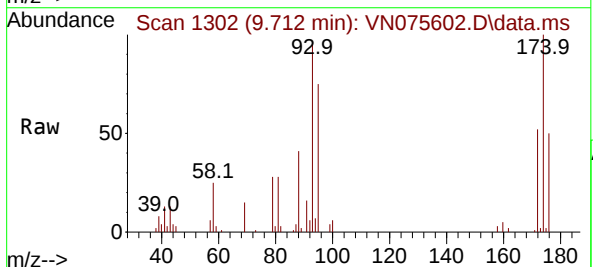
Tgt Ion: 93 Resp: 31108

Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 108.9 70.3 105.5





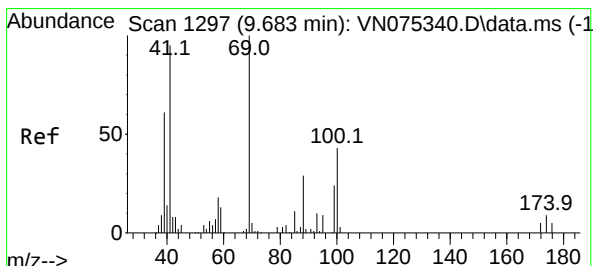
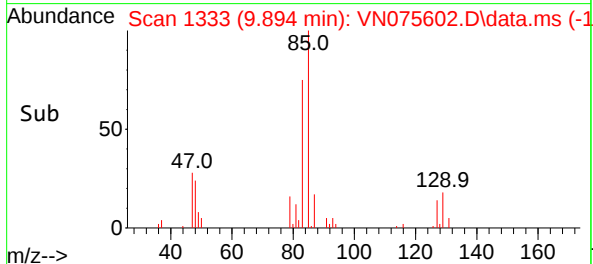
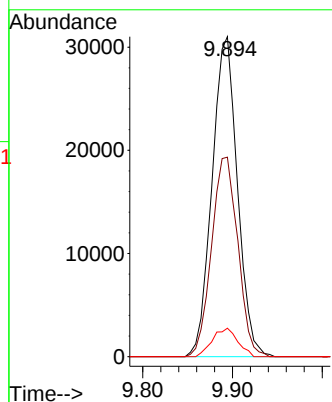
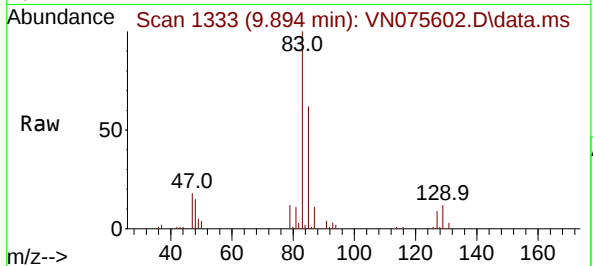
#47
Bromodichloromethane
Concen: 21.661 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 83 Resp: 6080
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 8.9 6.6 10.0

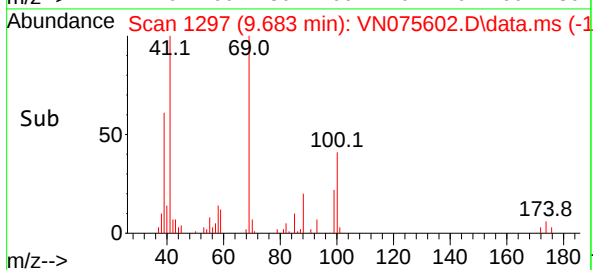
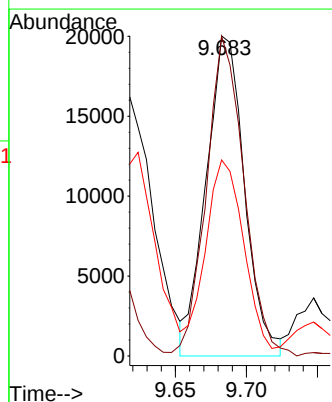
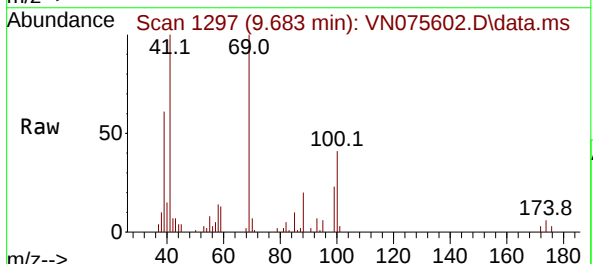
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#48
Methyl methacrylate
Concen: 21.462 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 41 Resp: 37672
Ion Ratio Lower Upper
41 100
69 97.5 80.2 120.2
39 61.9 56.2 84.2





#49

1,4-Dioxane

Concen: 400.076 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 88 Resp: 1994

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

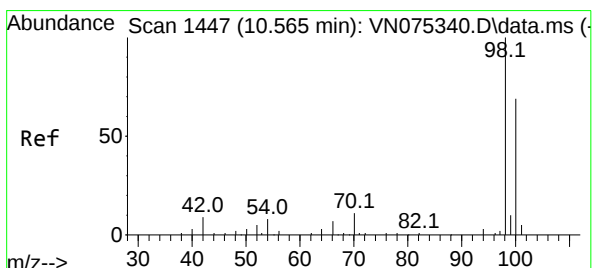
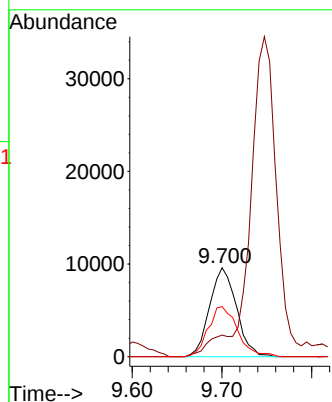
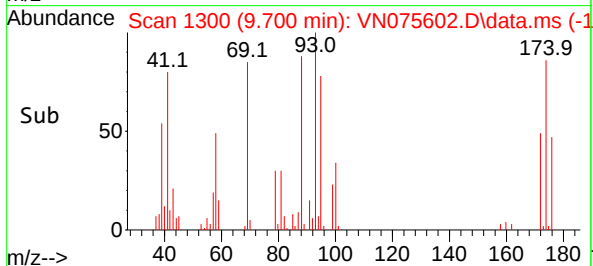
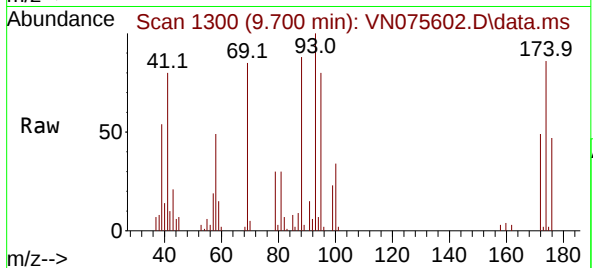
58 61.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 51.800 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075602.D

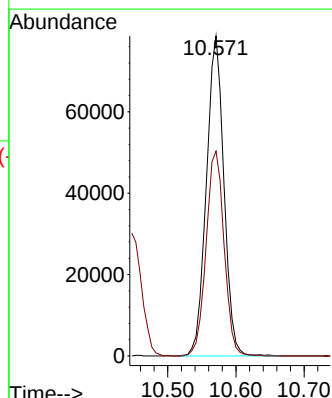
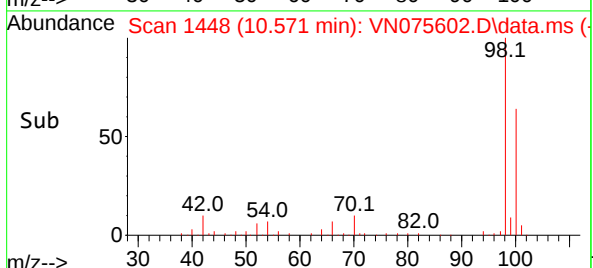
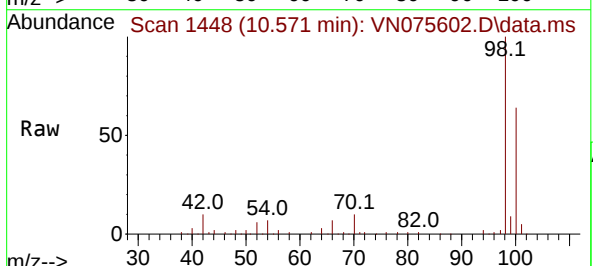
Acq: 07 Dec 2022 12:09

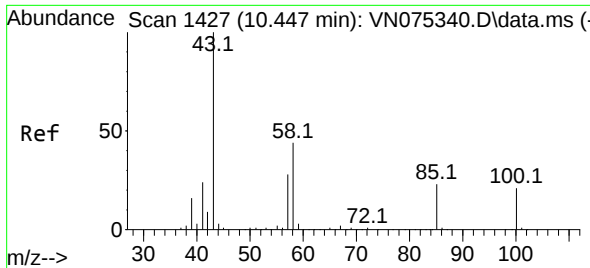
Tgt Ion: 98 Resp: 140516

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6





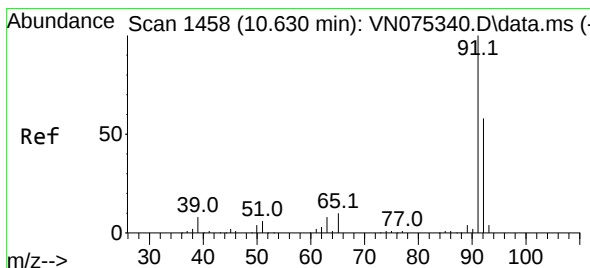
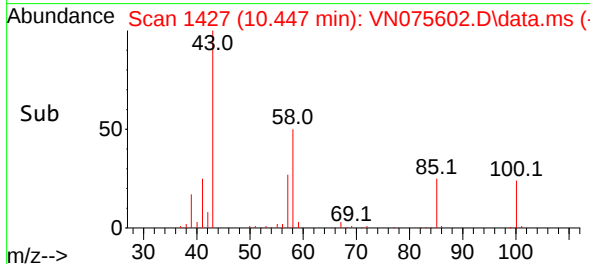
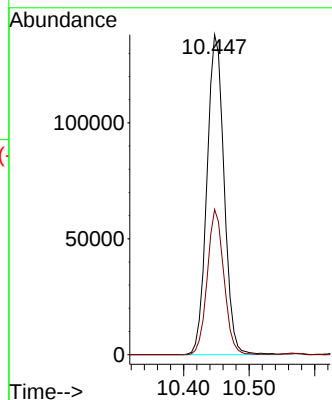
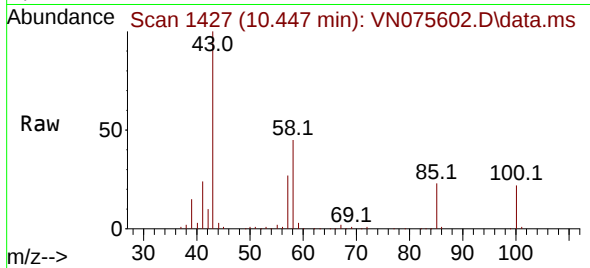
#51
4-Methyl-2-Pentanone
Concen: 104.014 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 43 Resp: 251488
Ion Ratio Lower Upper
43 100
58 44.0 33.6 50.4

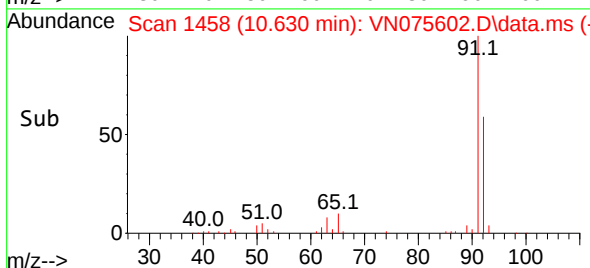
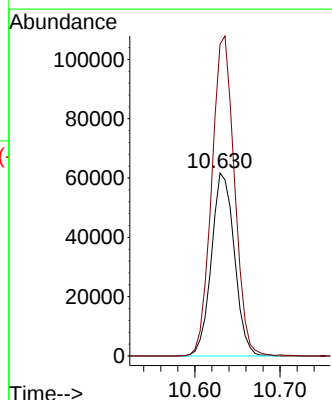
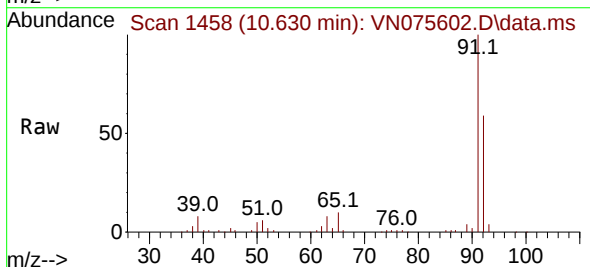
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 22.273 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 92 Resp: 115424
Ion Ratio Lower Upper
92 100
91 173.8 135.4 203.2





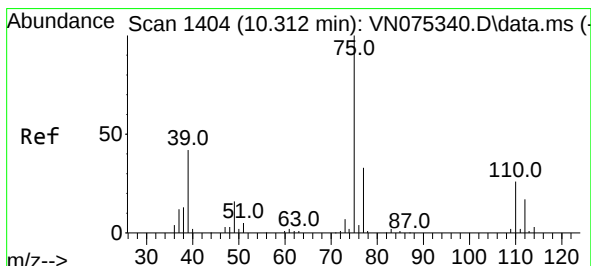
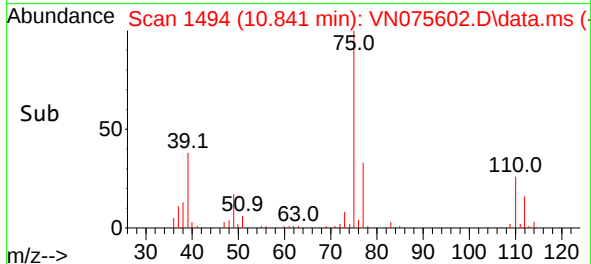
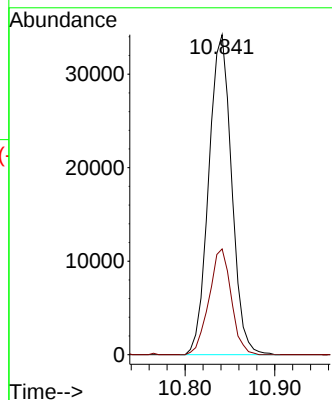
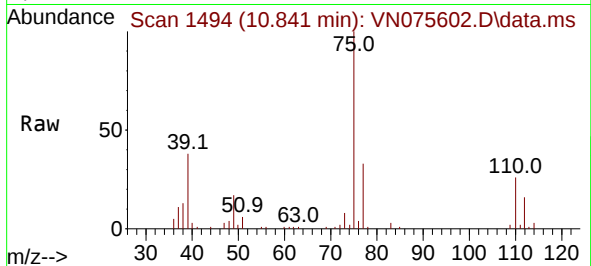
#53
t-1,3-Dichloropropene
Concen: 21.510 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 75 Resp: 60610
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

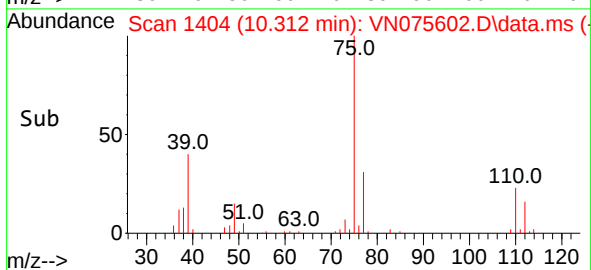
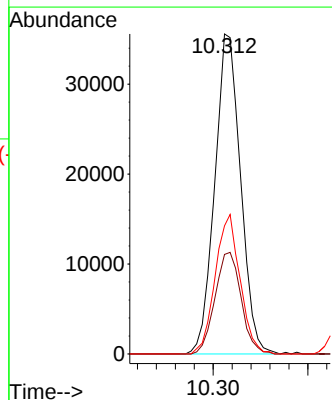
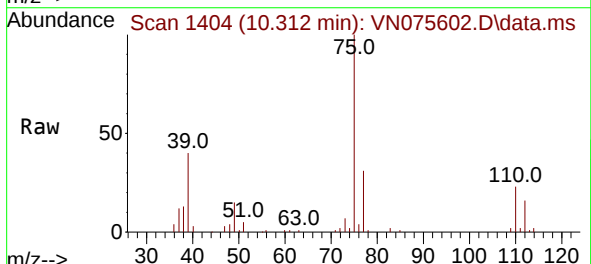
Manual Integrations
APPROVED

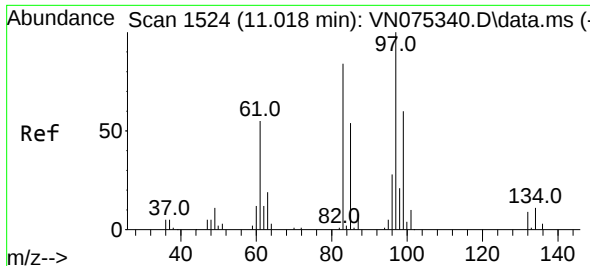
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#54
cis-1,3-Dichloropropene
Concen: 22.018 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

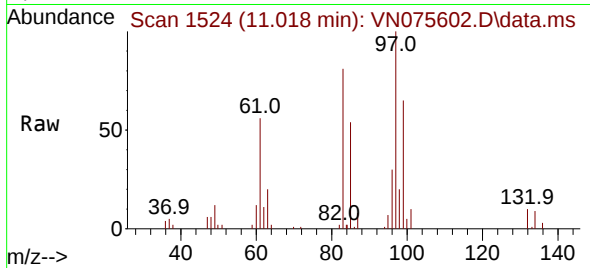
Tgt Ion: 75 Resp: 67390
Ion Ratio Lower Upper
75 100
77 31.1 23.7 35.5
39 40.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.622 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

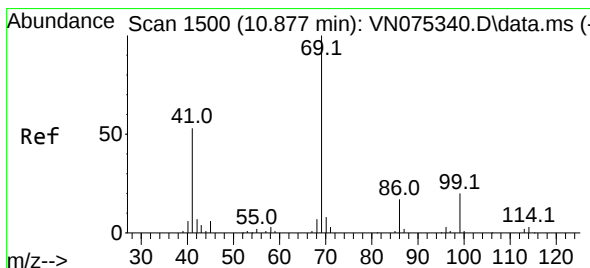
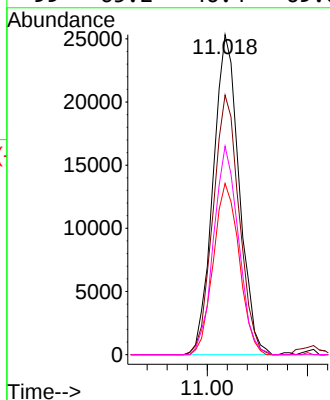
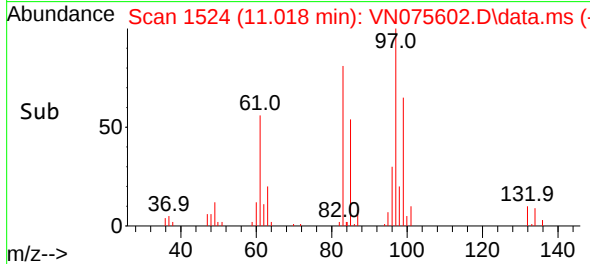


Tgt Ion: 97 Resp: 4563

Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.9	98.9
85	53.5	40.4	60.6
99	65.2	46.4	69.6

Manual Integrations
APPROVED

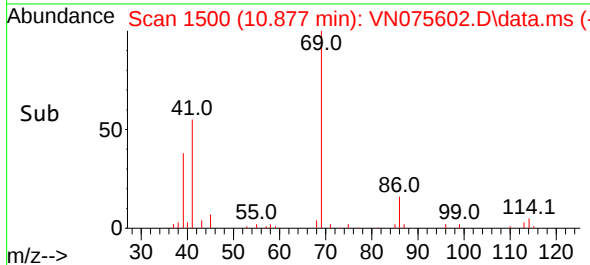
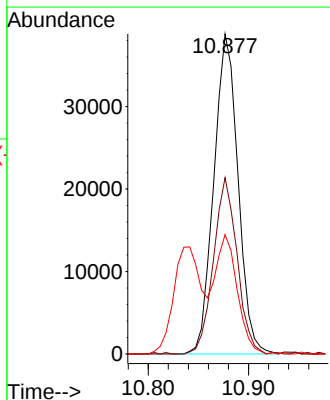
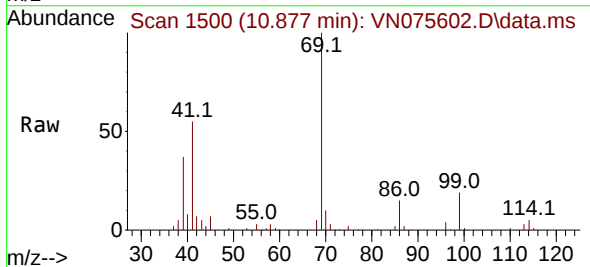
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

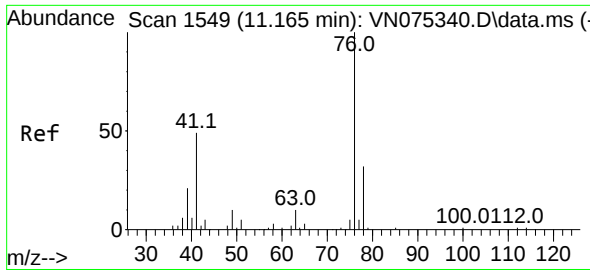


#56
Ethyl methacrylate
Concen: 22.738 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 69 Resp: 64813

Ion	Ratio	Lower	Upper
69	100		
41	53.9	45.6	68.4
39	34.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.212 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 76 Resp: 73002

Ion Ratio Lower Upper

76 100

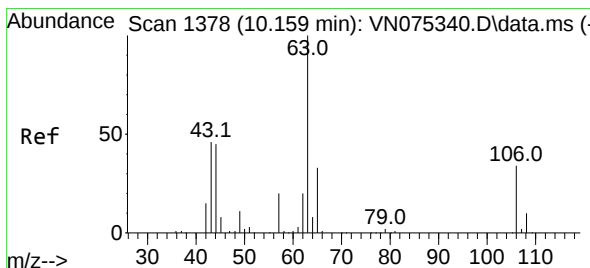
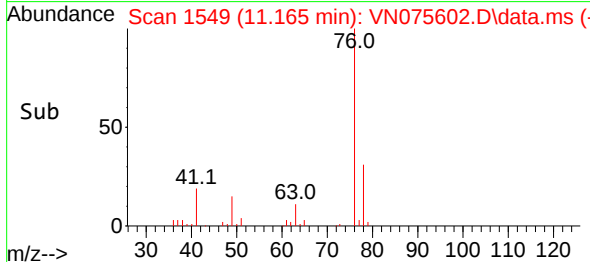
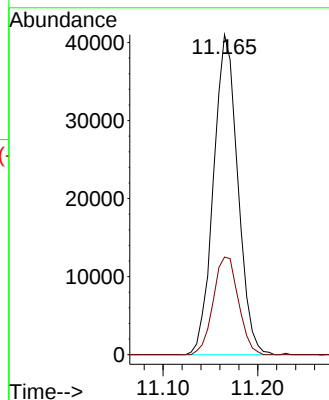
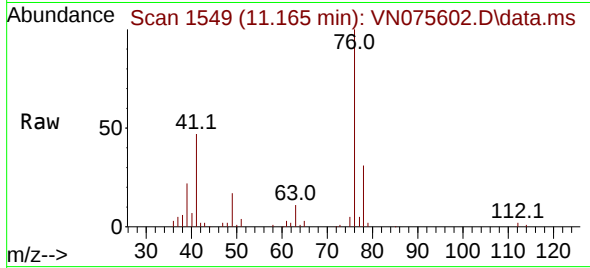
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.025 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075602.D

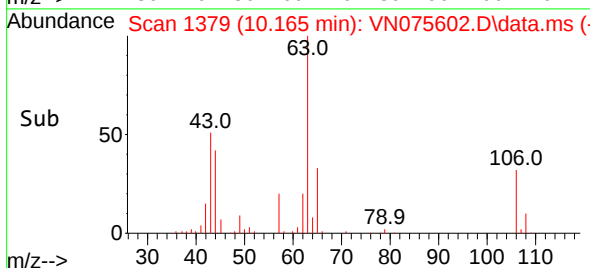
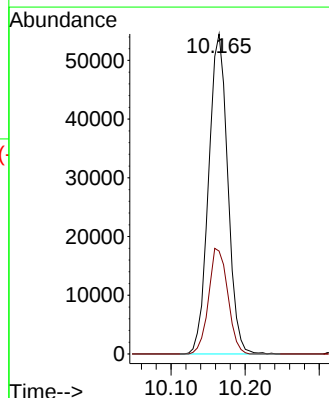
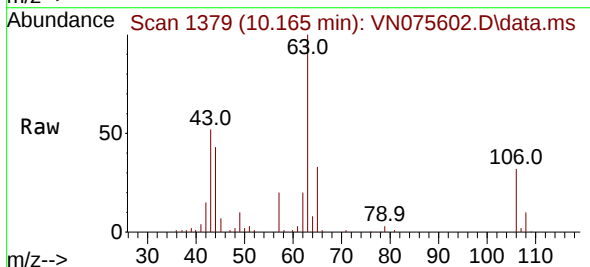
Acq: 07 Dec 2022 12:09

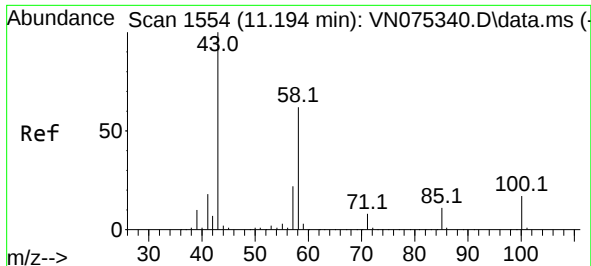
Tgt Ion: 63 Resp: 97686

Ion Ratio Lower Upper

63 100

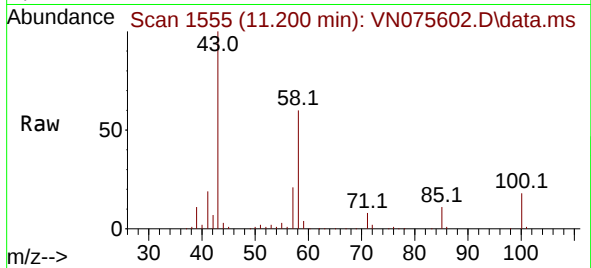
106 33.1 24.8 37.2





#59
2-Hexanone
Concen: 102.330 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

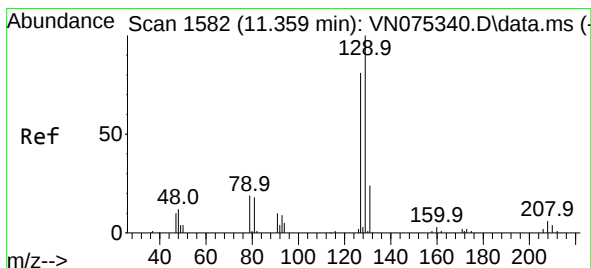
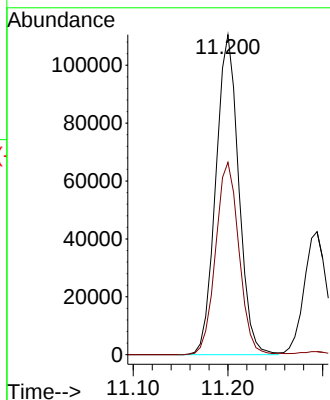
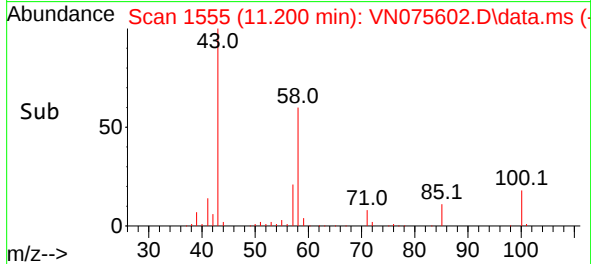
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 43 Resp: 185780
Ion Ratio Lower Upper
43 100
58 61.4 29.6 88.8

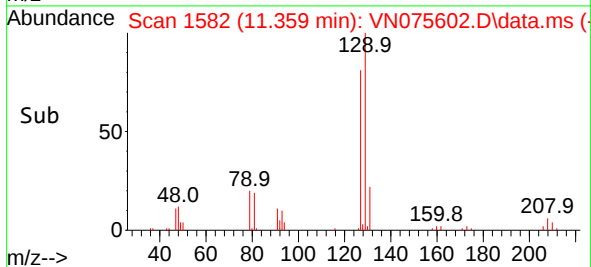
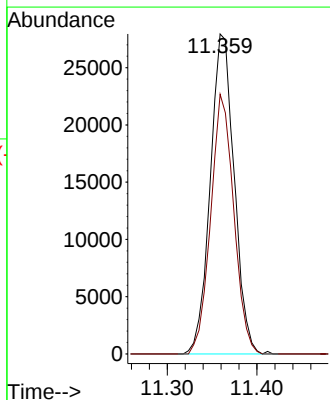
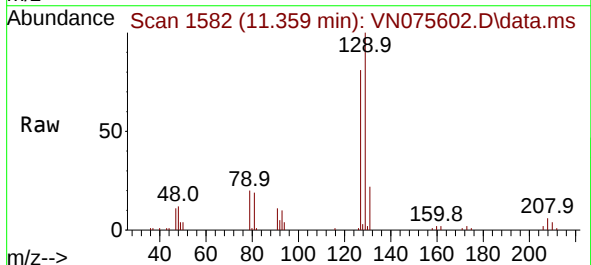
Manual Integrations
APPROVED

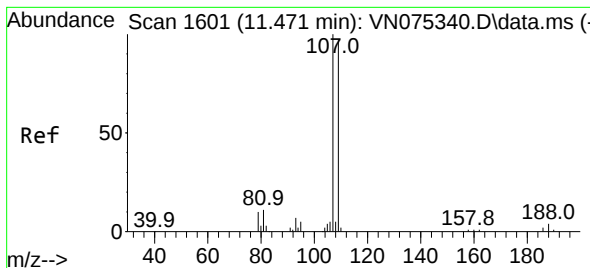
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#60
Dibromochloromethane
Concen: 23.874 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:129 Resp: 51723
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





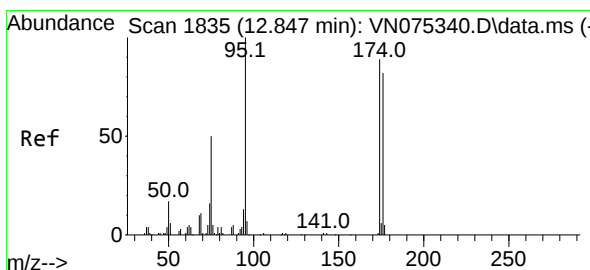
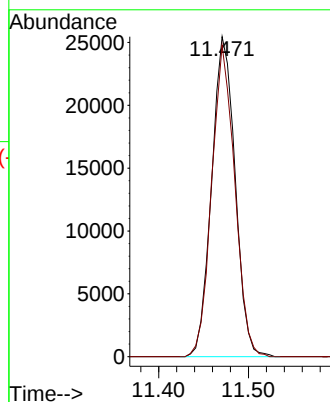
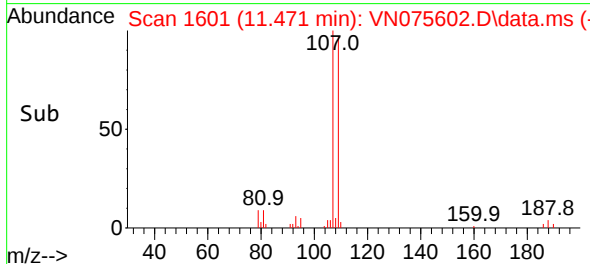
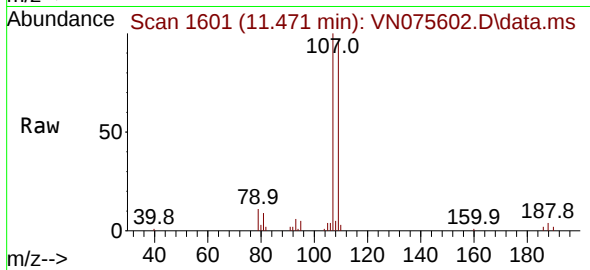
#61
1,2-Dibromoethane
Concen: 21.121 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:107 Resp: 46269
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4

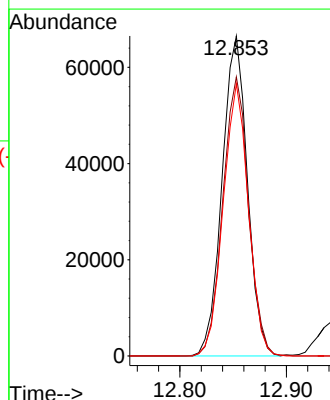
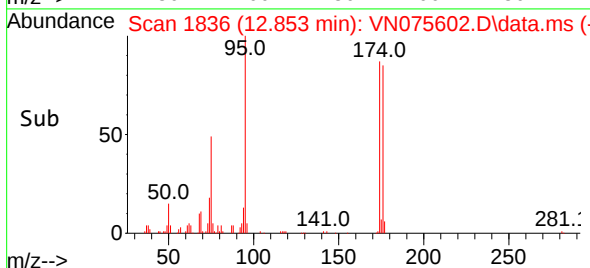
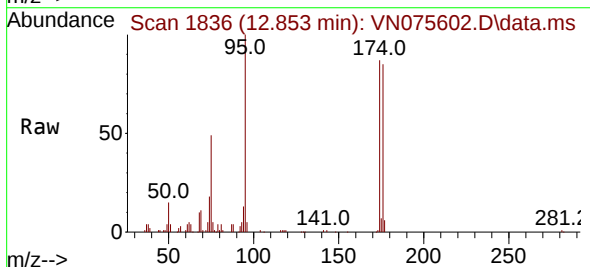
Manual Integrations
APPROVED

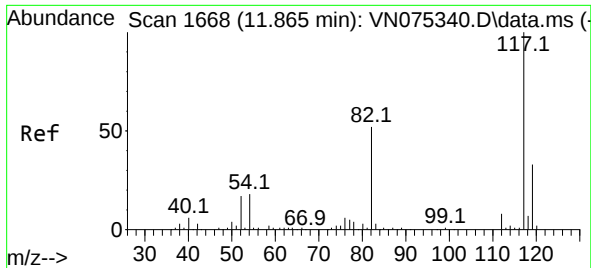
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#62
4-Bromofluorobenzene
Concen: 54.844 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

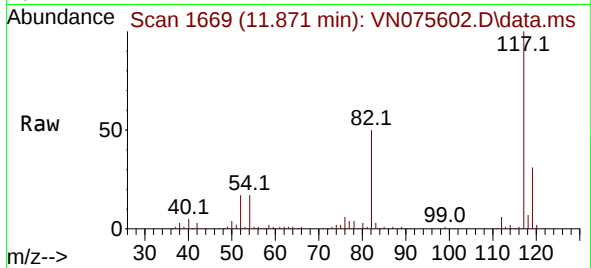
Tgt Ion: 95 Resp: 109811
Ion Ratio Lower Upper
95 100
174 88.2 0.0 147.4
176 84.5 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

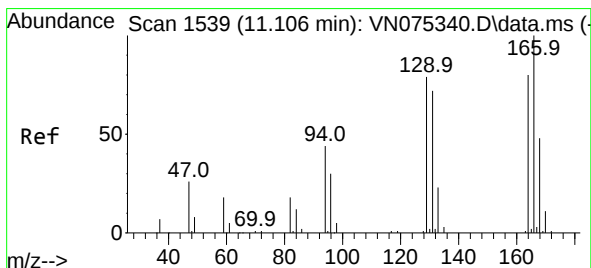
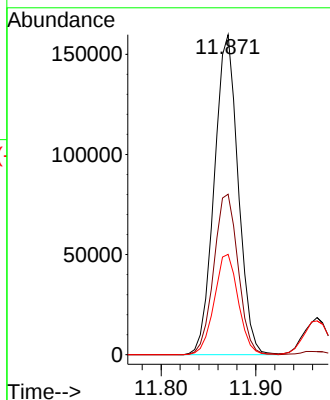
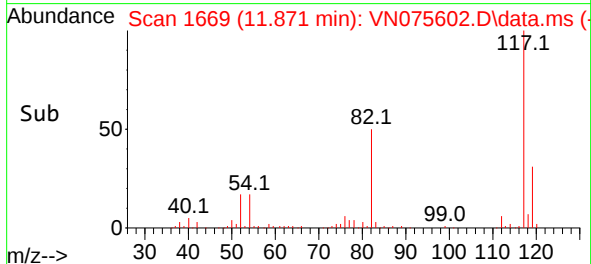
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



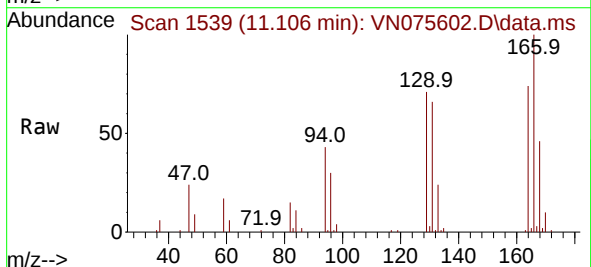
Tgt Ion:117 Resp: 28019
Ion Ratio Lower Upper
117 100
82 50.2 43.1 64.7
119 31.4 25.5 38.3

Manual Integrations
APPROVED

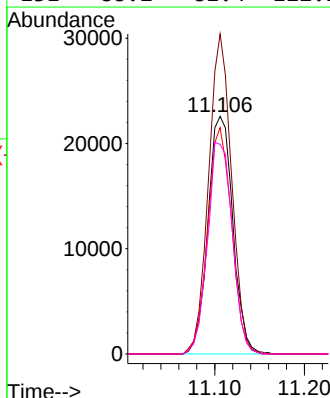
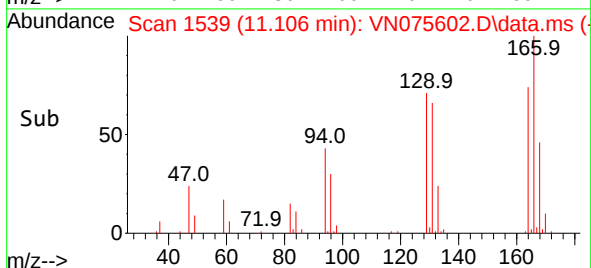
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

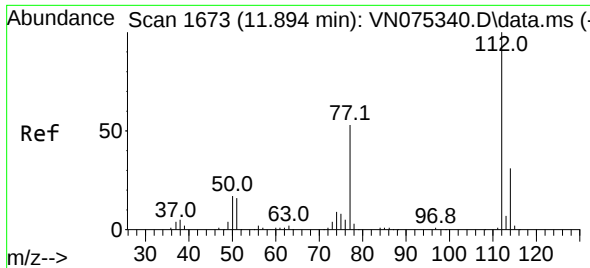


#64
Tetrachloroethene
Concen: 20.344 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



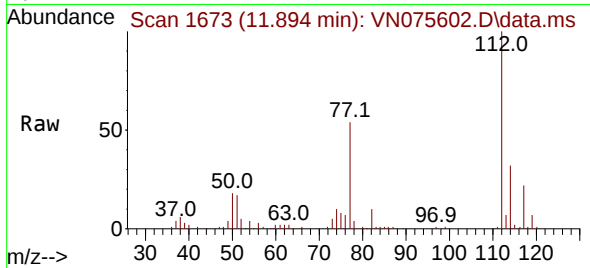
Tgt Ion:164 Resp: 43530
Ion Ratio Lower Upper
164 100
166 134.7 106.5 159.7
129 95.3 81.9 122.9
131 88.2 81.4 122.2





#65
Chlorobenzene
Concen: 21.650 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

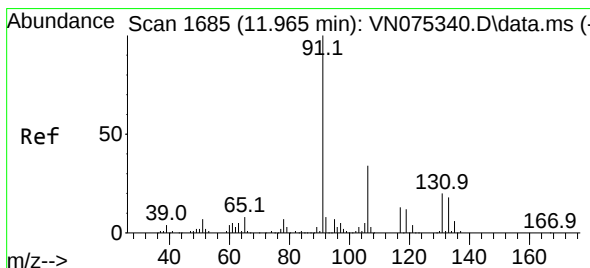
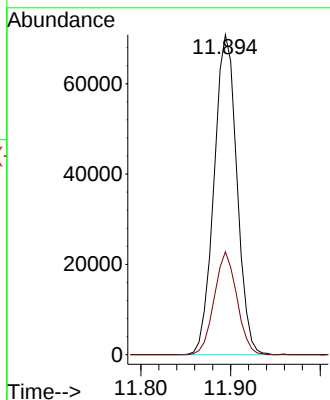
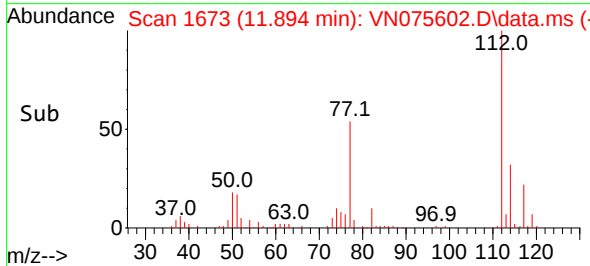
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion:112 Resp: 12527
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

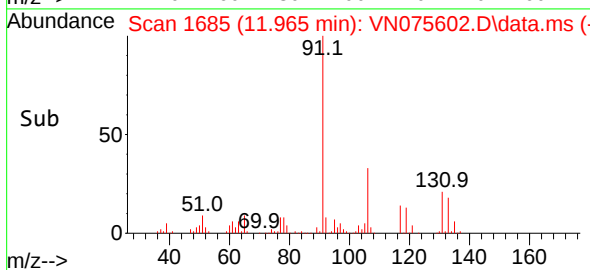
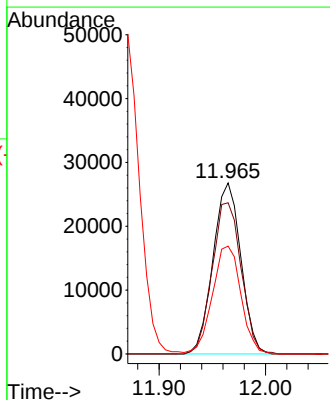
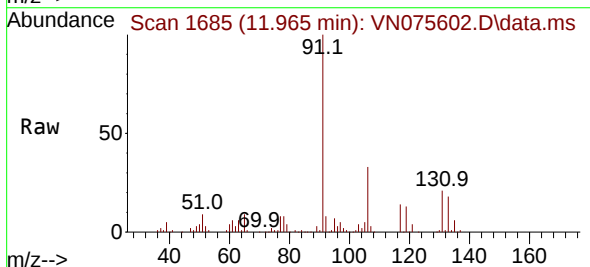
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.460 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:131 Resp: 48504
Ion Ratio Lower Upper
131 100
133 92.5 47.8 143.4
119 64.7 33.0 99.0





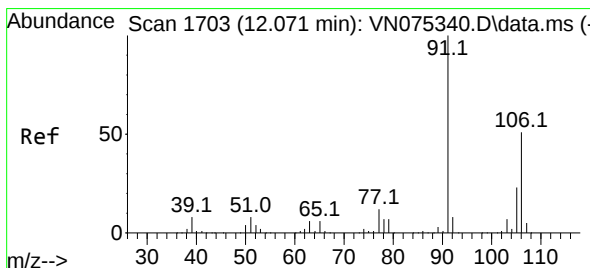
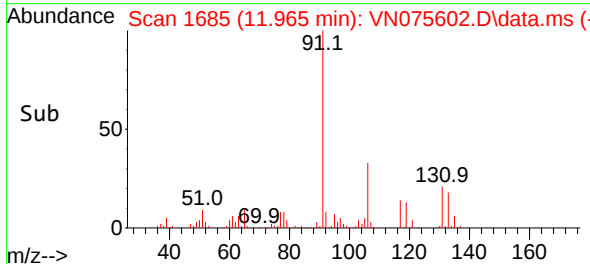
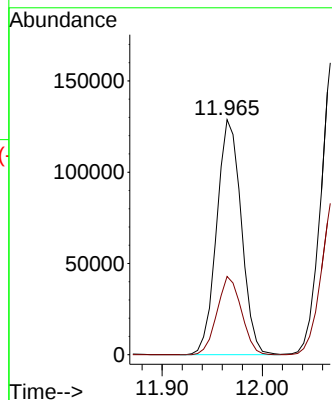
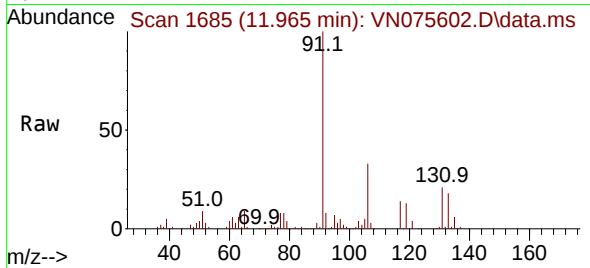
#67
Ethyl Benzene
Concen: 22.271 ug/l
RT: 11.965 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 91 Resp: 219862
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

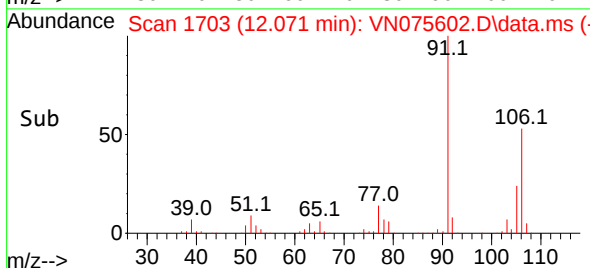
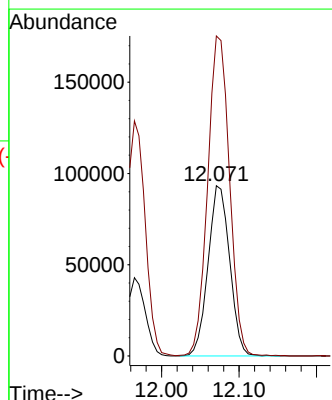
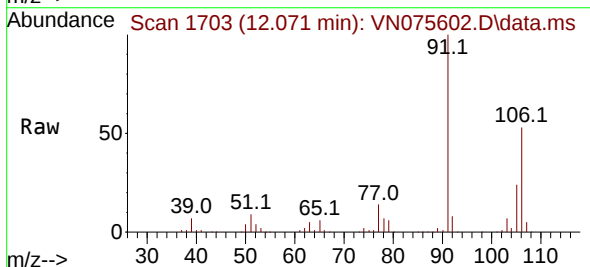
Manual Integrations
APPROVED

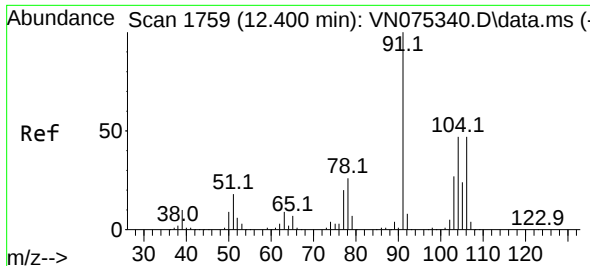
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#68
m/p-Xylenes
Concen: 44.998 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:106 Resp: 180391
Ion Ratio Lower Upper
106 100
91 190.5 156.0 234.0





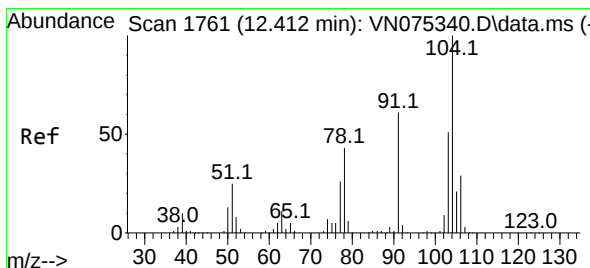
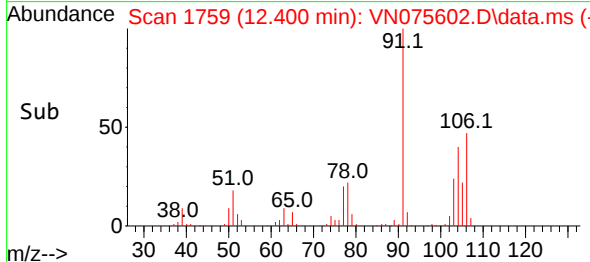
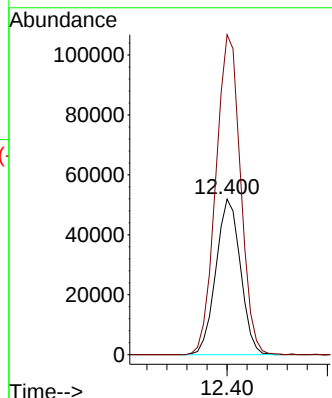
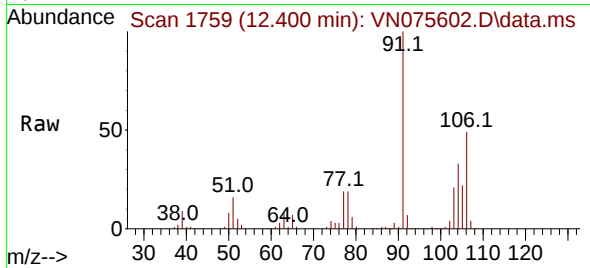
#69
o-Xylene
Concen: 22.143 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:106 Resp: 88198
Ion Ratio Lower Upper
106 100
91 207.3 105.2 315.5

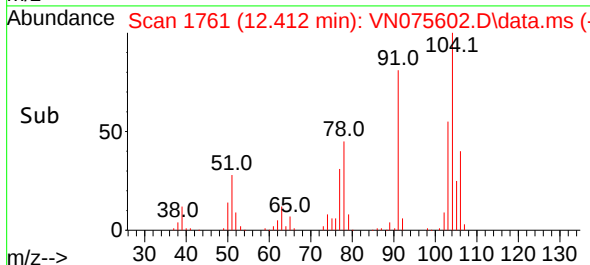
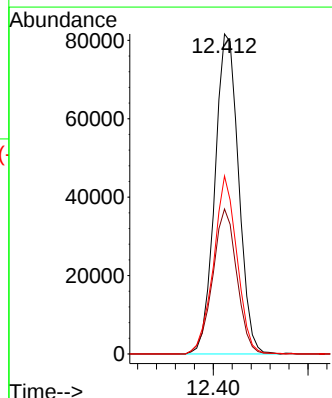
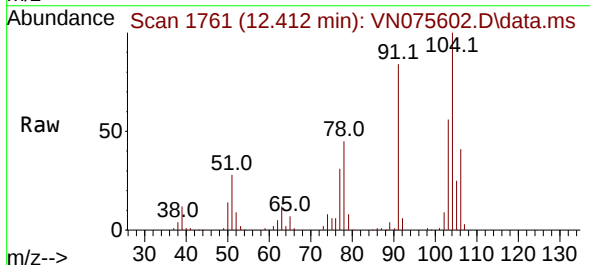
Manual Integrations
APPROVED

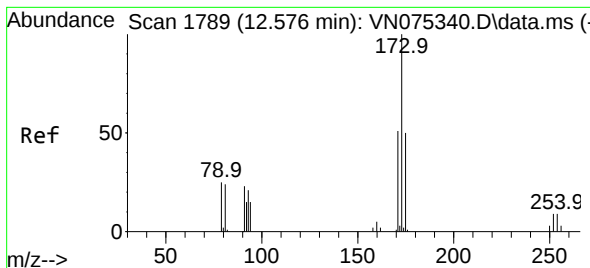
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#70
Styrene
Concen: 22.579 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:104 Resp: 141873
Ion Ratio Lower Upper
104 100
78 46.2 38.1 57.1
103 54.9 44.6 66.8





#71

Bromoform

Concen: 23.119 ug/l

RT: 12.582 min Scan# 1789

Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

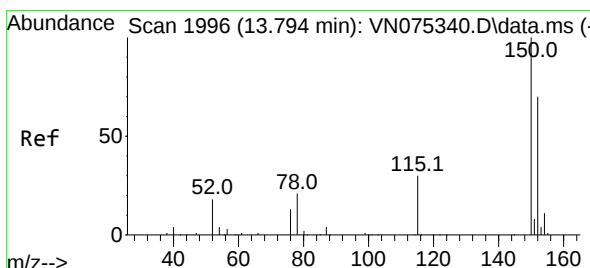
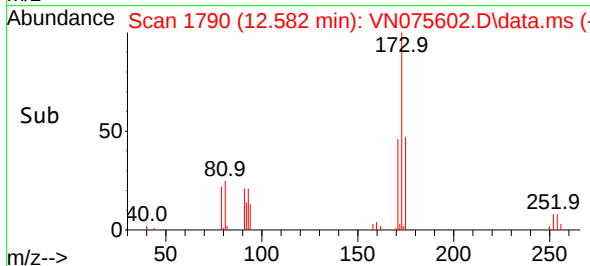
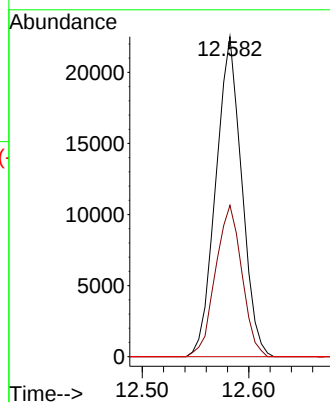
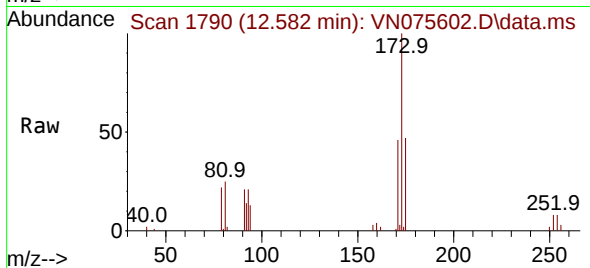
Tgt Ion:173 Resp: 38000
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

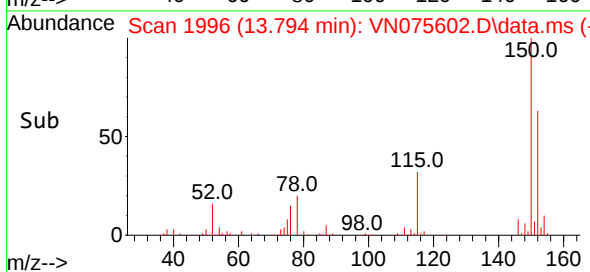
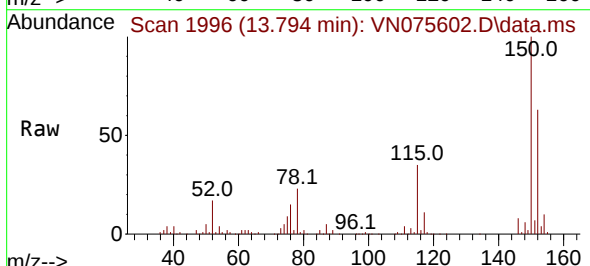
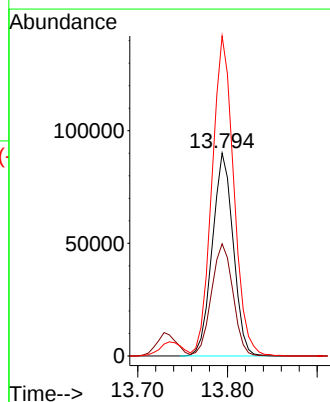
RT: 13.794 min Scan# 1996

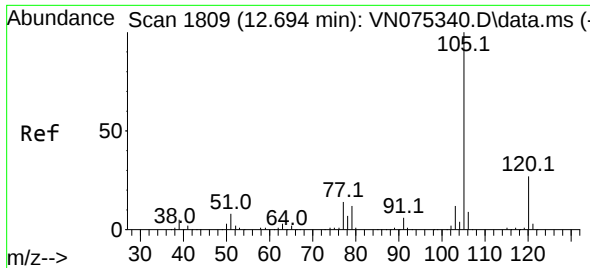
Delta R.T. 0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Tgt Ion:152 Resp: 145796
 Ion Ratio Lower Upper
 152 100
 115 56.9 30.2 90.6
 150 164.2 0.0 348.4





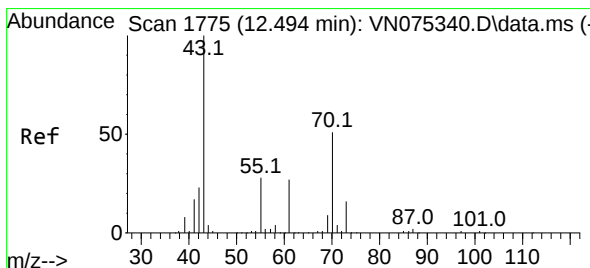
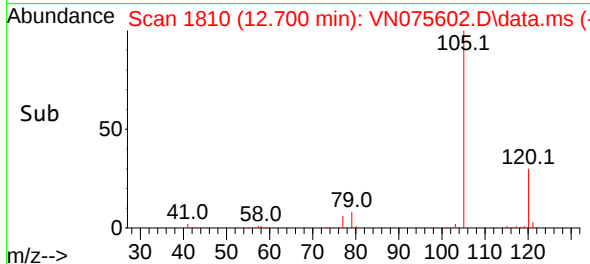
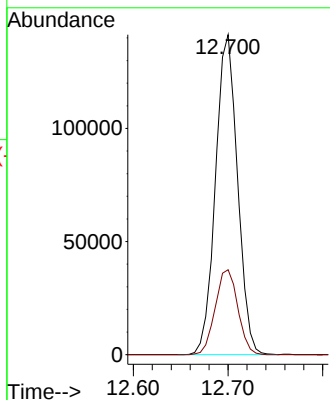
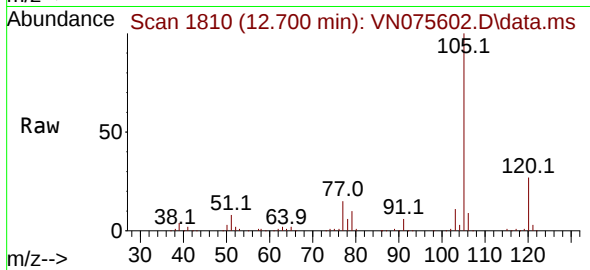
#73
Isopropylbenzene
Concen: 21.464 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:105 Resp: 228628
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

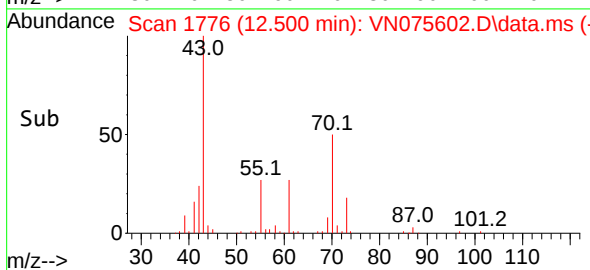
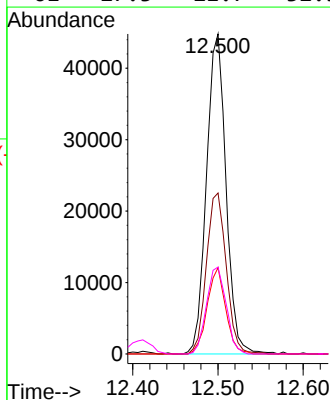
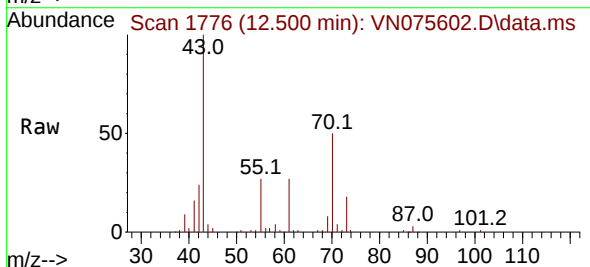
Manual Integrations
APPROVED

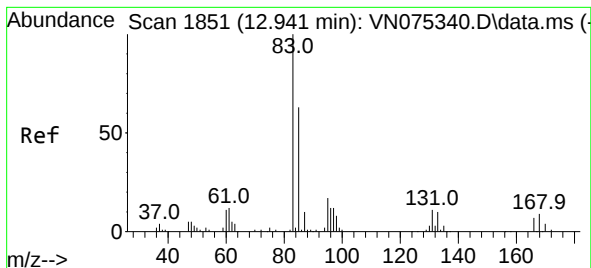
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#74
N-ethyl acetate
Concen: 21.768 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 43 Resp: 71285
Ion Ratio Lower Upper
43 100
70 51.2 39.8 59.8
55 25.6 19.9 29.9
61 27.3 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.718 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

Tgt Ion: 83 Resp: 6728

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.3

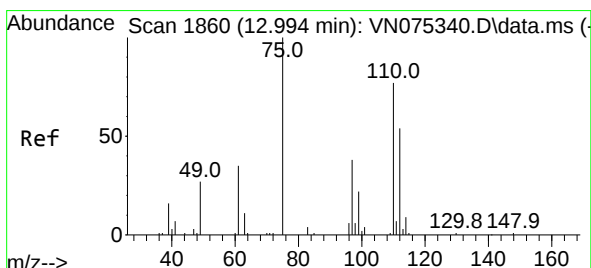
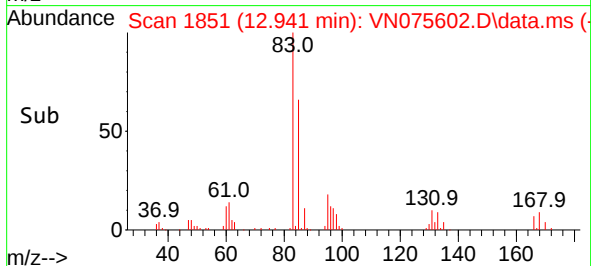
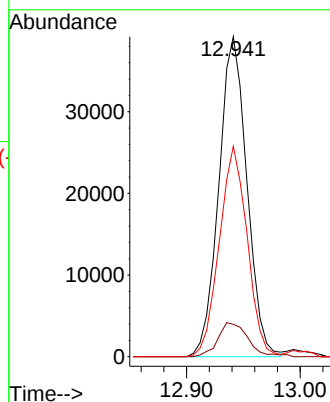
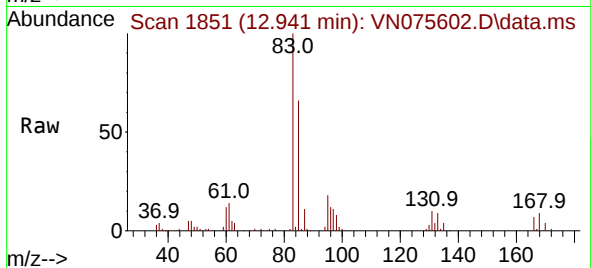
85 65.2 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#76

1,2,3-Trichloropropane

Concen: 21.509 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN075602.D

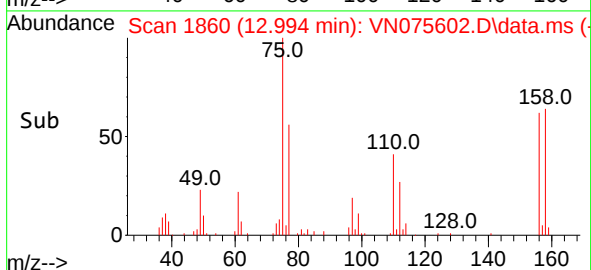
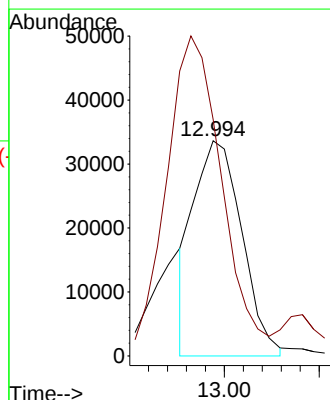
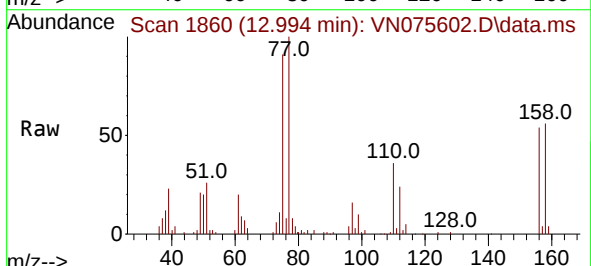
Acq: 07 Dec 2022 12:09

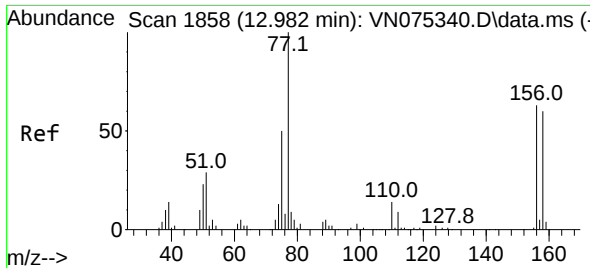
Tgt Ion: 75 Resp: 59292

Ion Ratio Lower Upper

75 100

77 171.9 75.6 226.8





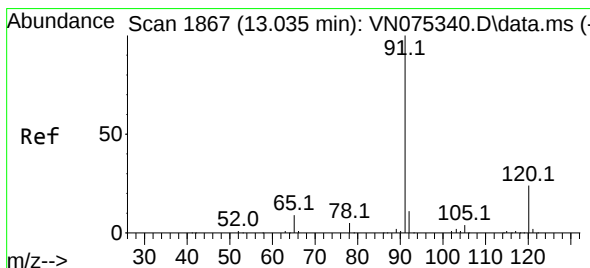
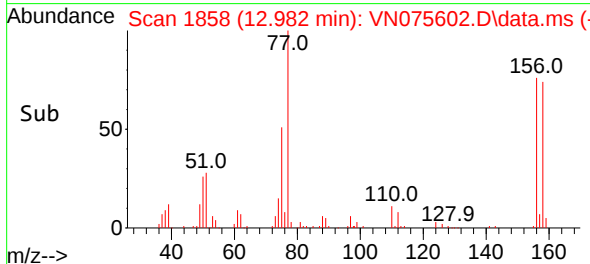
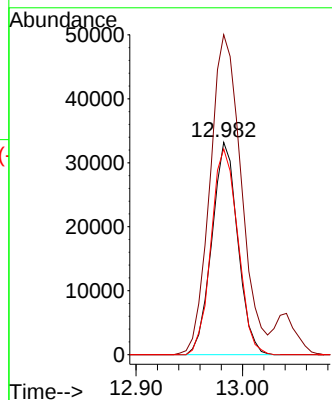
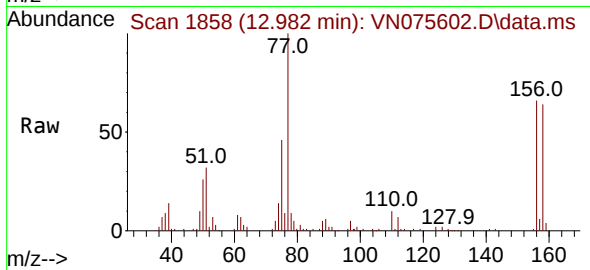
#77
Bromobenzene
Concen: 21.221 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:156 Resp: 55800
Ion Ratio Lower Upper
156 100
77 182.6 108.5 325.5
158 100.5 47.7 143.1

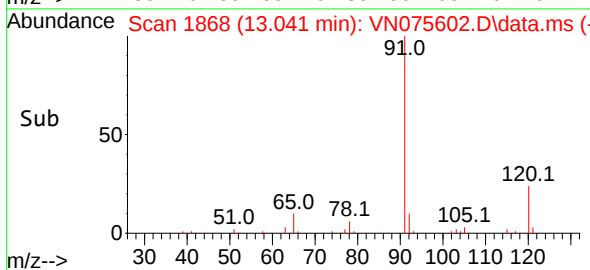
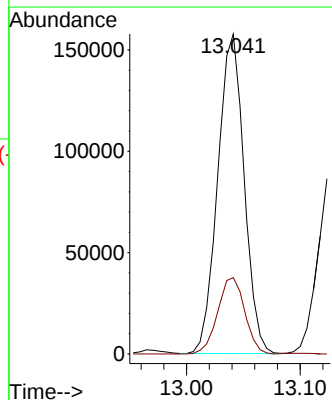
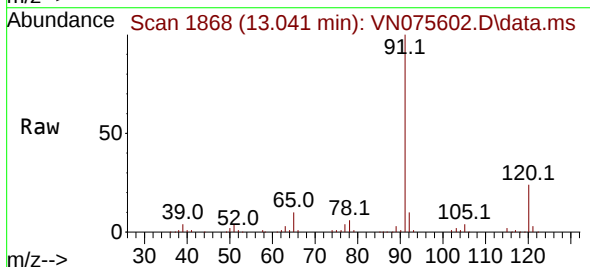
Manual Integrations
APPROVED

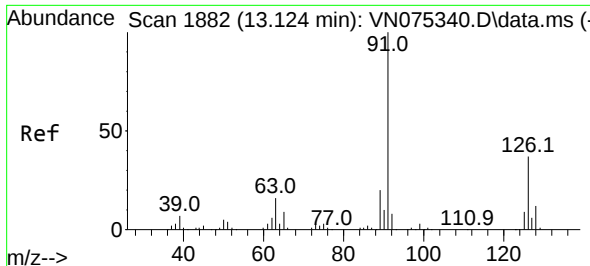
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#78
n-propylbenzene
Concen: 21.412 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 91 Resp: 254534
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5





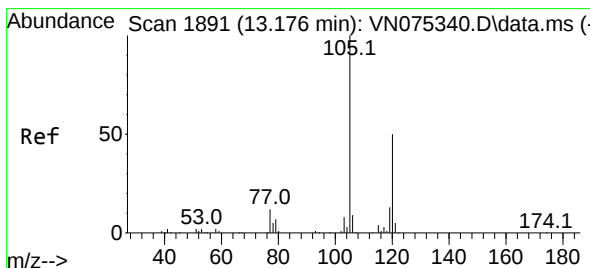
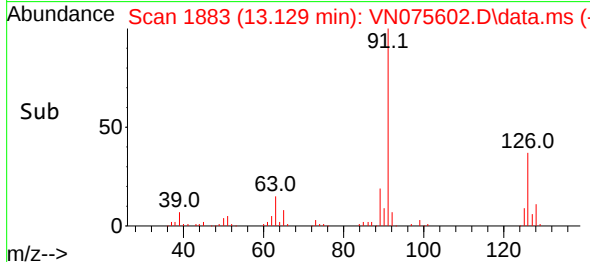
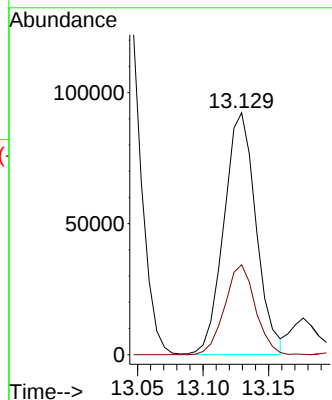
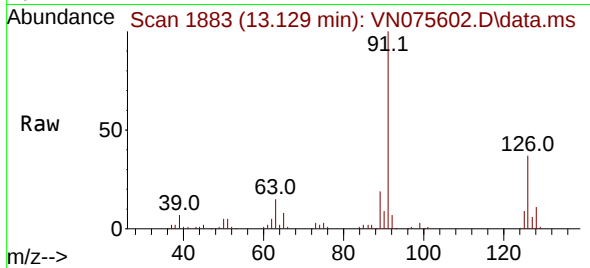
#79
2-Chlorotoluene
Concen: 21.947 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 91 Resp: 157192
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

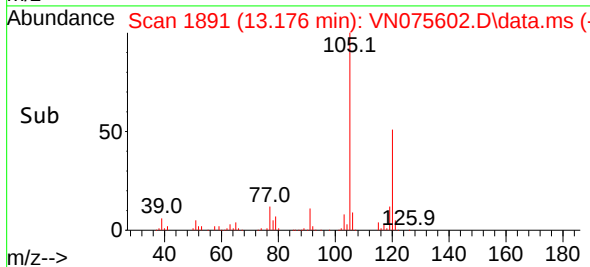
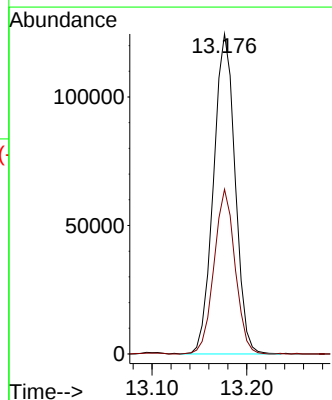
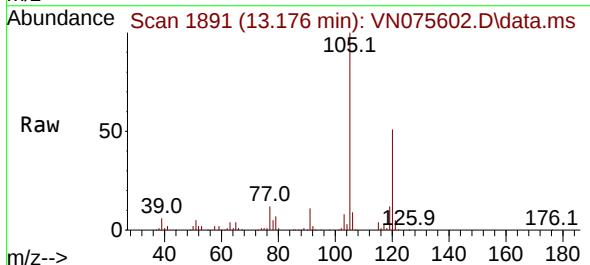
Manual Integrations
APPROVED

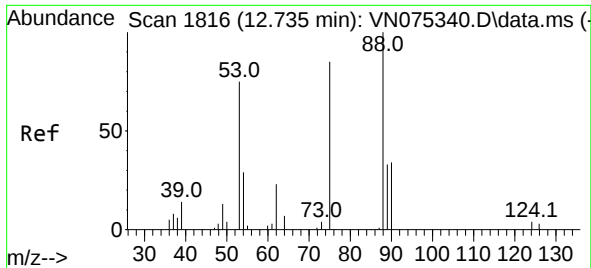
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.309 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

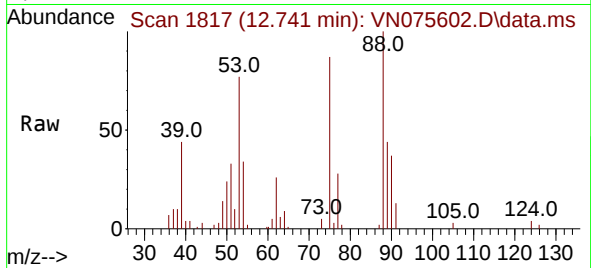
Tgt Ion:105 Resp: 197426
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.924 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

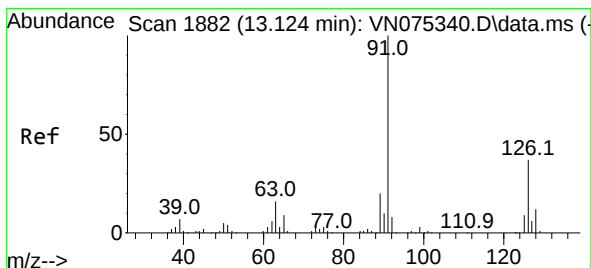
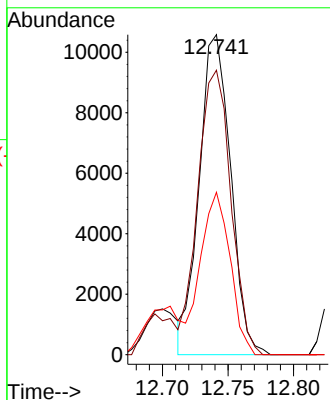
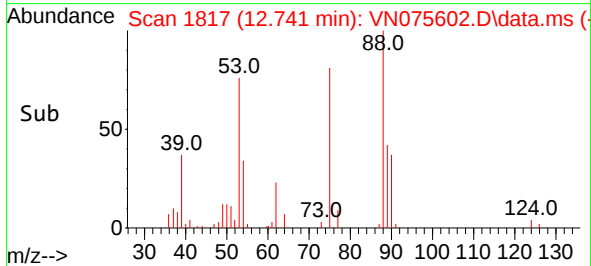
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



Tgt Ion: 75 Resp: 1763
Ion Ratio Lower Upper
75 100
53 93.7 78.5 117.7
89 47.3 37.7 56.5

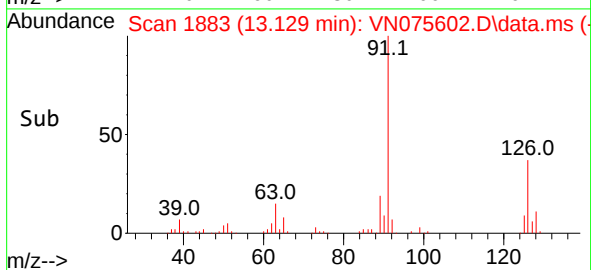
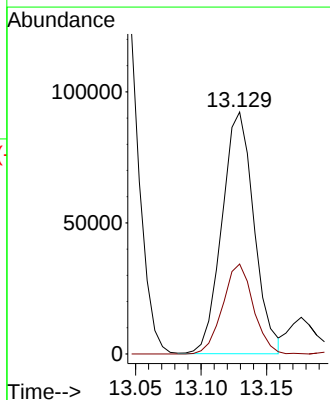
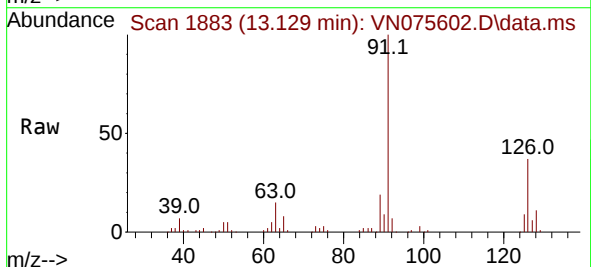
Manual Integrations
APPROVED

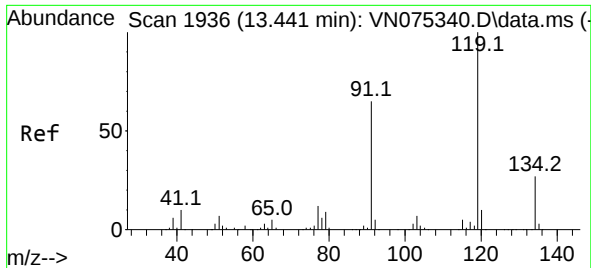
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#82
4-Chlorotoluene
Concen: 21.947 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

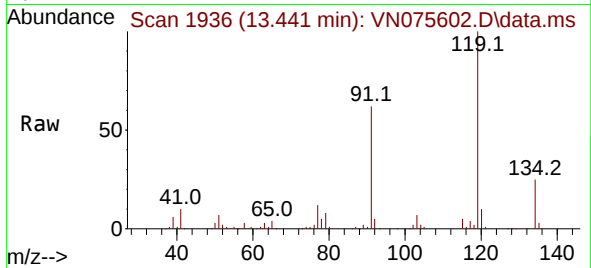
Tgt Ion: 91 Resp: 157192
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 21.757 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

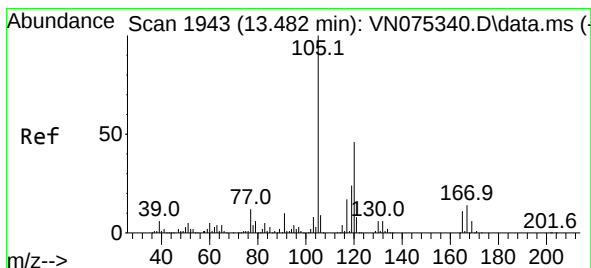
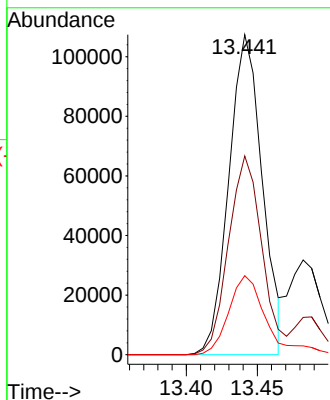
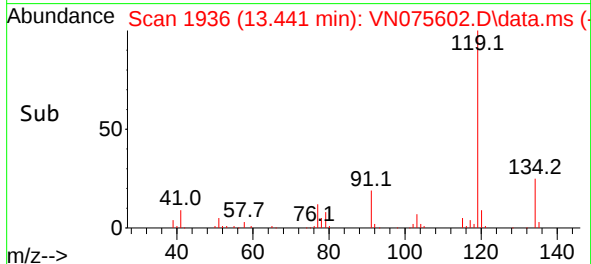
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



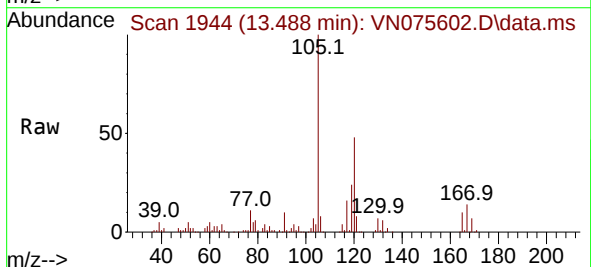
Tgt Ion:119 Resp: 17555
Ion Ratio Lower Upper
119 100
91 62.5 32.8 98.4
134 27.7 12.3 36.9

Manual Integrations
APPROVED

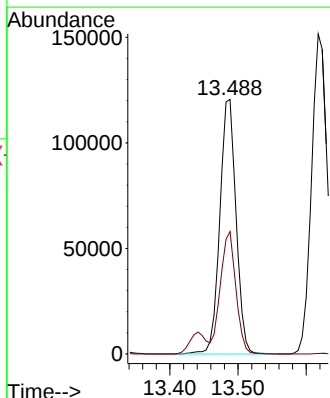
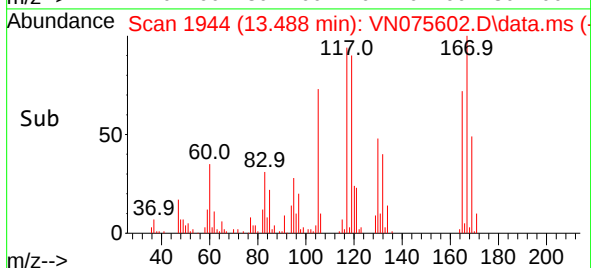
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

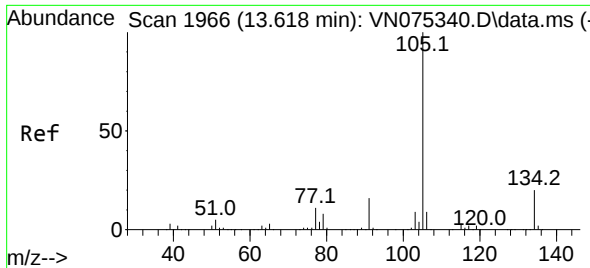


#84
1,2,4-Trimethylbenzene
Concen: 22.538 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



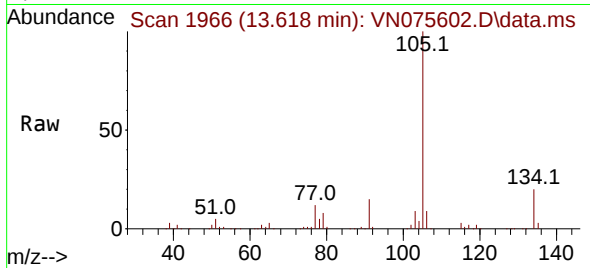
Tgt Ion:105 Resp: 200064
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 22.507 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075602.D
 Acq: 07 Dec 2022 12:09

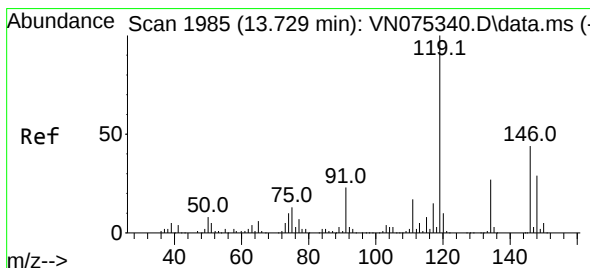
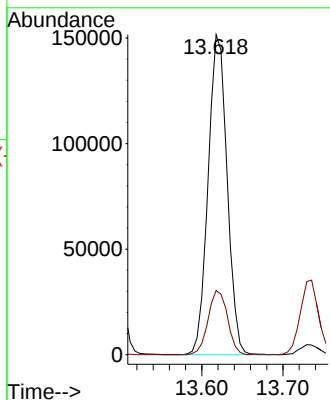
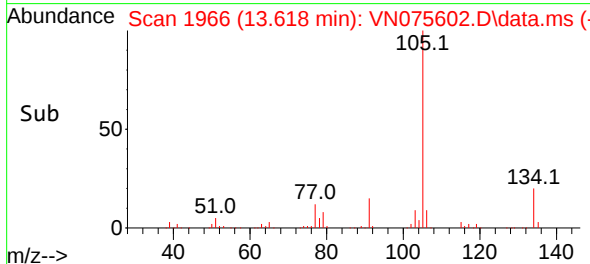
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01



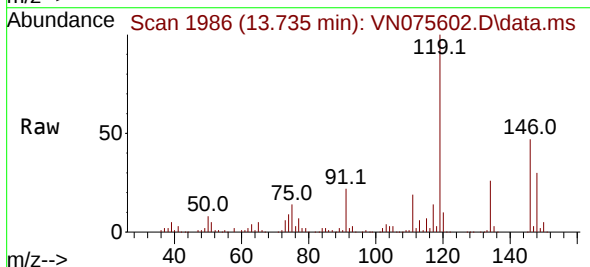
Tgt Ion:105 Resp: 24641
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

Manual Integrations
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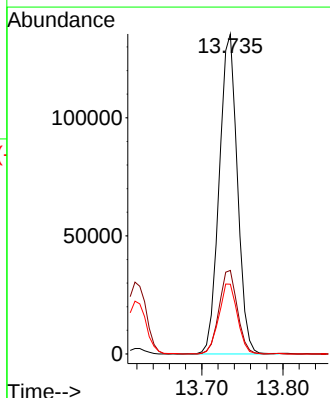
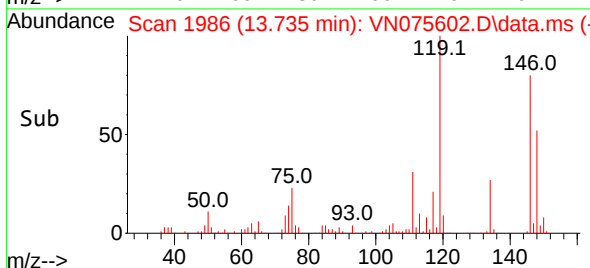
Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

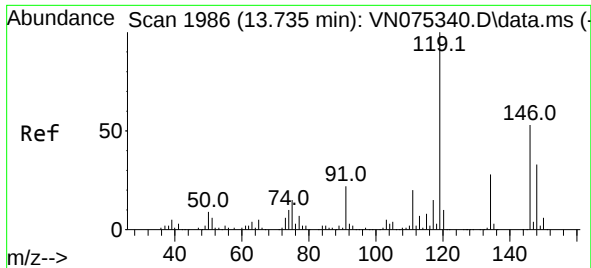


#86
 p-Isopropyltoluene
 Concen: 22.831 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075602.D
 Acq: 07 Dec 2022 12:09



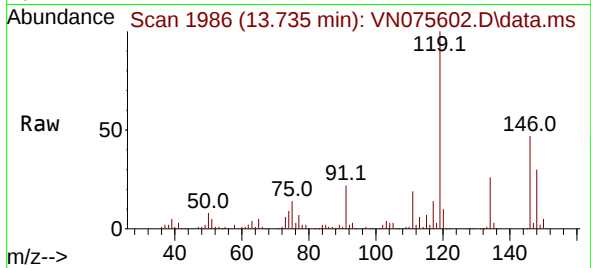
Tgt Ion:119 Resp: 210305
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 21.736 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

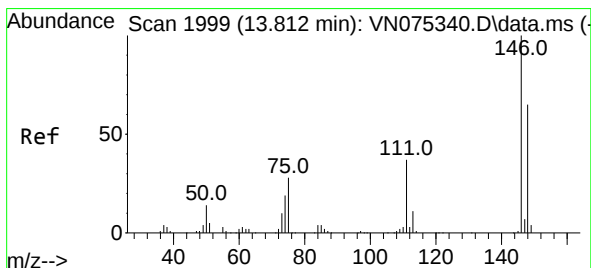
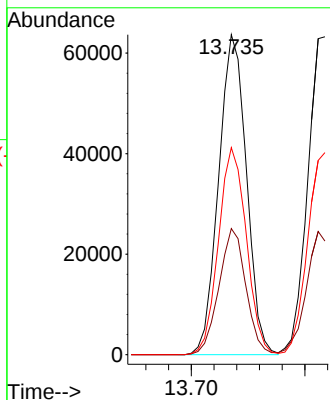
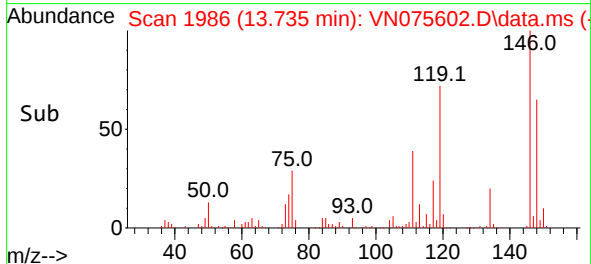
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



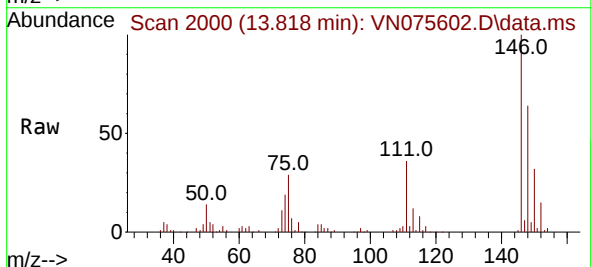
Tgt Ion:146 Resp: 108299
Ion Ratio Lower Upper
146 100
111 38.3 20.8 62.5
148 64.9 31.1 93.5

Manual Integrations
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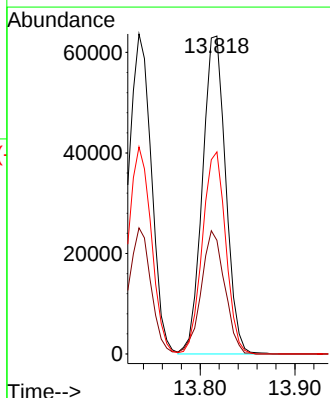
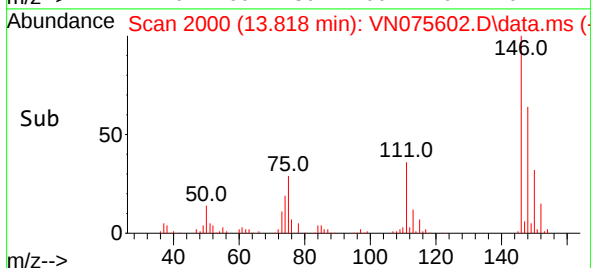
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

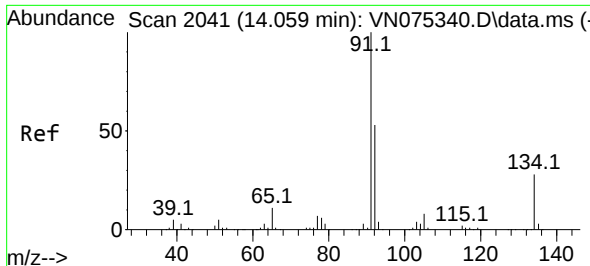


#88
1,4-Dichlorobenzene
Concen: 21.272 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



Tgt Ion:146 Resp: 107661
Ion Ratio Lower Upper
146 100
111 39.1 20.1 60.3
148 63.9 31.9 95.7





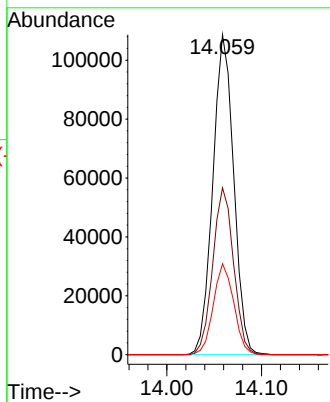
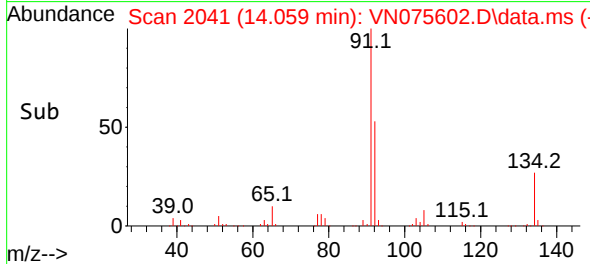
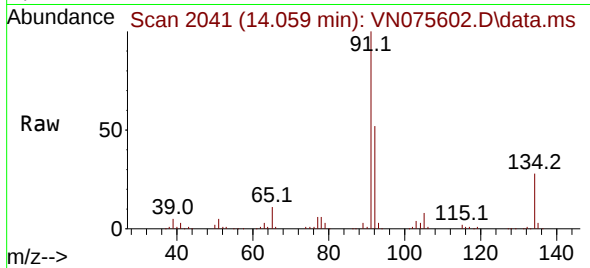
#89
n-Butylbenzene
Concen: 21.416 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion: 91 Resp: 166610
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.4
134 27.8 13.0 39.0

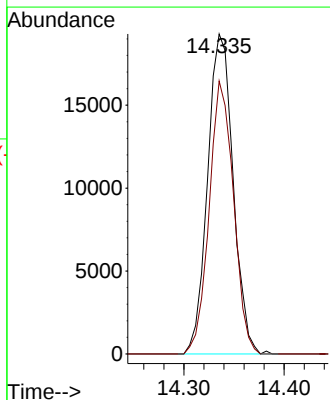
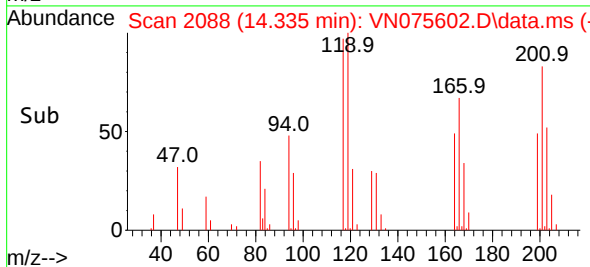
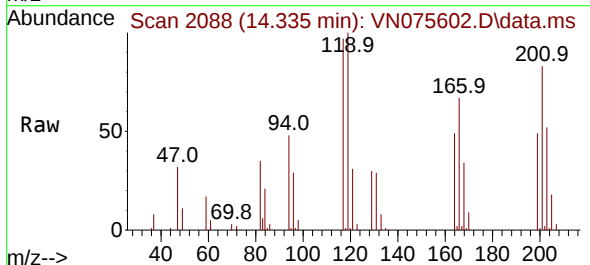
Manual Integrations
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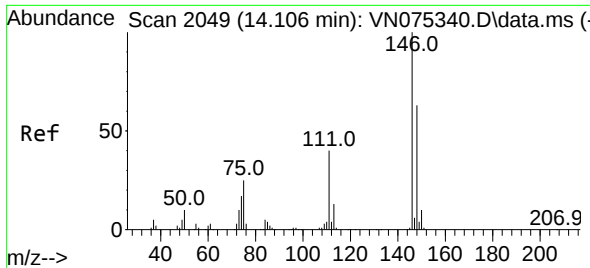
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#90
Hexachloroethane
Concen: 21.508 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion:117 Resp: 34177
Ion Ratio Lower Upper
117 100
201 81.2 31.5 94.5





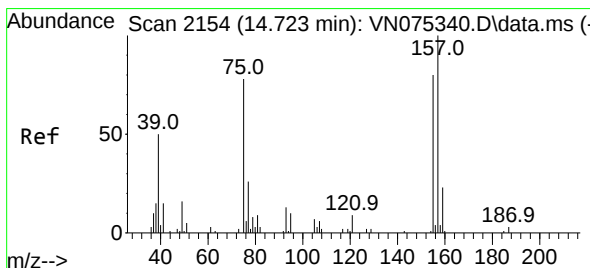
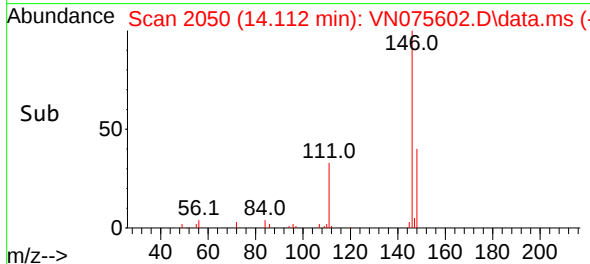
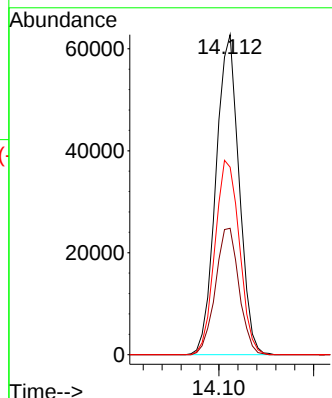
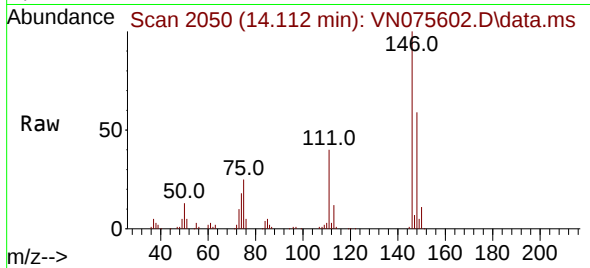
#91
1,2-Dichlorobenzene
Concen: 21.951 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01

Tgt Ion:146 Resp: 10660
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 64.1 31.4 94.2

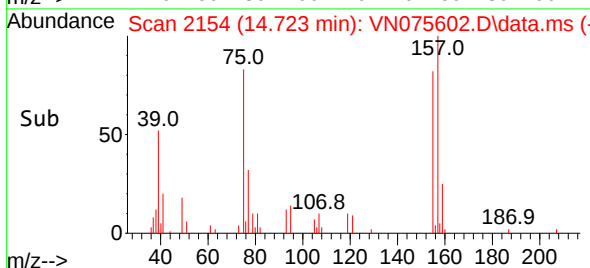
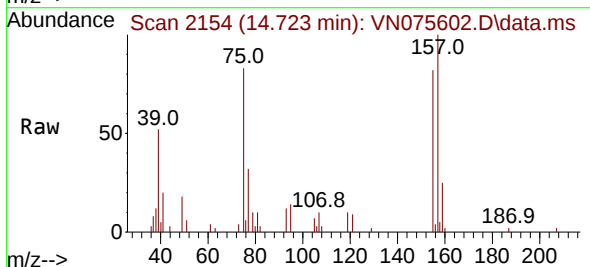
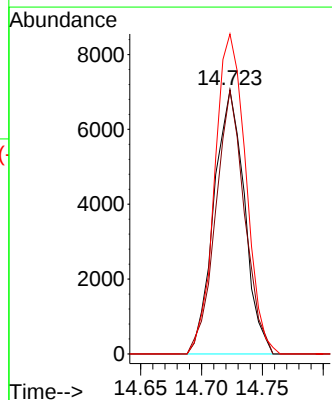
Manual Integrations
APPROVED

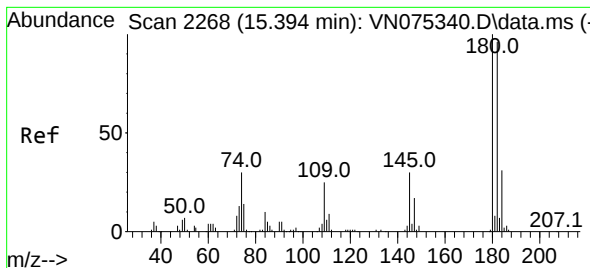
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.904 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

Tgt Ion: 75 Resp: 12244
Ion Ratio Lower Upper
75 100
155 95.3 42.1 126.3
157 123.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 21.746 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBSD01

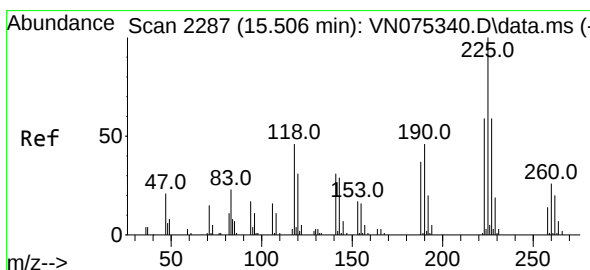
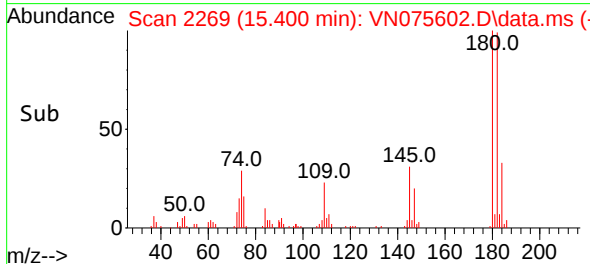
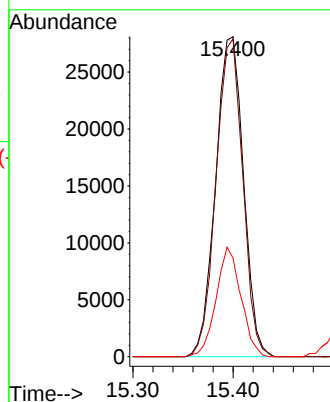
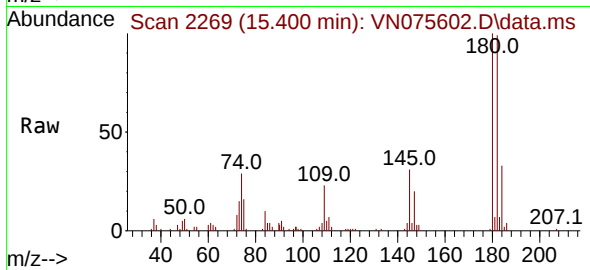
Tgt Ion:180	Resp:	54124
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.8 143.4
145	30.5	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#94

Hexachlorobutadiene

Concen: 22.954 ug/l

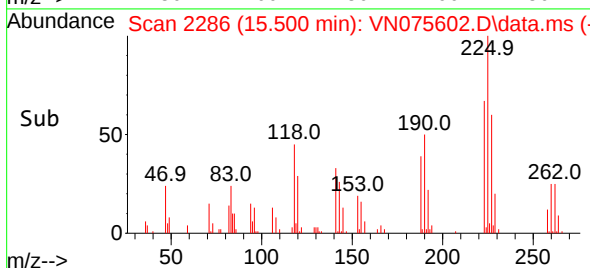
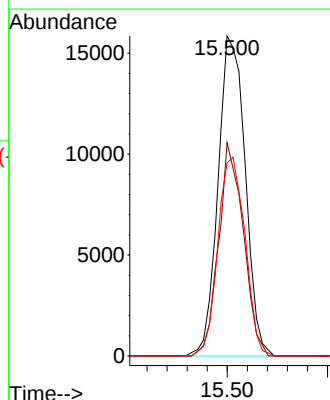
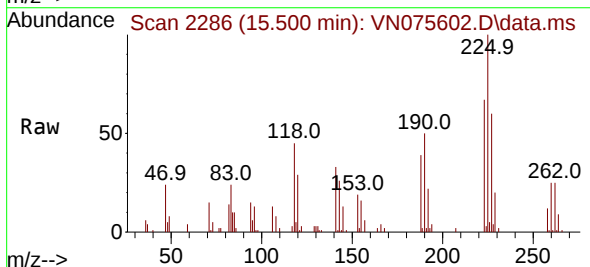
RT: 15.500 min Scan# 2286

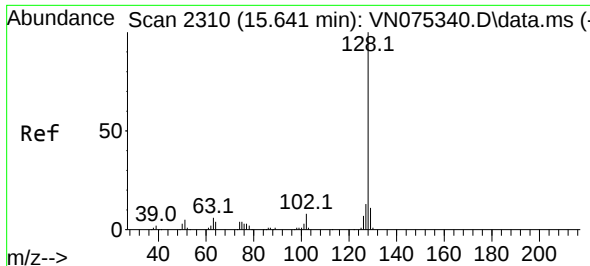
Delta R.T. -0.006 min

Lab File: VN075602.D

Acq: 07 Dec 2022 12:09

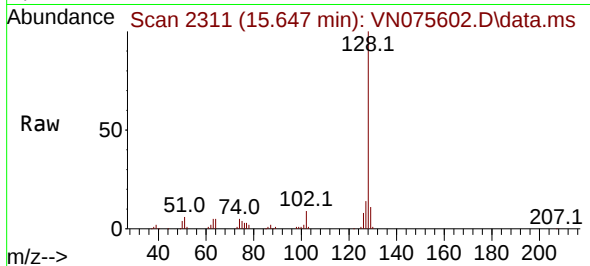
Tgt Ion:225	Resp:	29758
Ion Ratio	Lower	Upper
225	100	
223	60.9	32.3 96.9
227	62.2	32.0 96.2





#95
Naphthalene
Concen: 20.778 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09

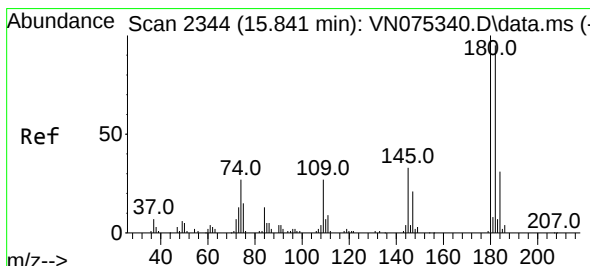
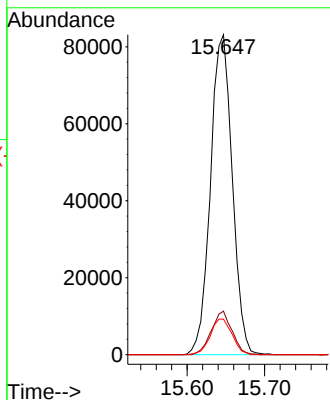
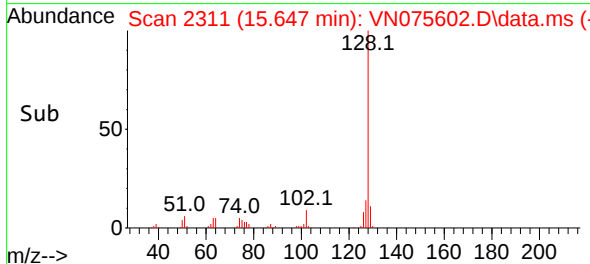
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBSD01



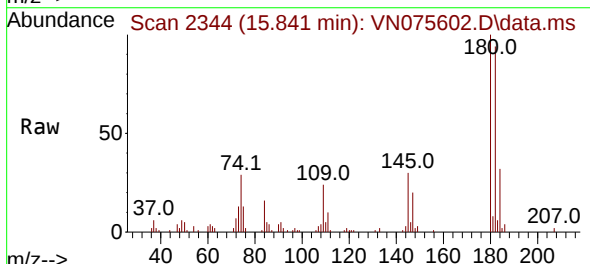
Tgt Ion:128 Resp: 162694
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.066 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075602.D
Acq: 07 Dec 2022 12:09



Tgt Ion:180 Resp: 53978
Ion Ratio Lower Upper
180 100
182 92.1 47.3 141.8
145 31.8 17.6 52.9

