

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075230.D
 Acq On : 10 Nov 2022 12:57
 Operator : JC\MD
 Sample : VN1110WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Quant Time: Nov 11 04:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	115397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71114	45.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.480%		
35) Dibromofluoromethane	8.171	113	59504	49.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.571	98	220507	46.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.980%		
62) 4-Bromofluorobenzene	12.847	95	79208	48.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23198	15.453	ug/l	97
3) Chloromethane	2.371	50	24226	15.193	ug/l	98
4) Vinyl Chloride	2.524	62	33131	14.565	ug/l	98
5) Bromomethane	2.942	94	27082	13.039	ug/l	95
6) Chloroethane	3.118	64	25193	15.445	ug/l	99
7) Trichlorofluoromethane	3.506	101	42758	18.401	ug/l	100
8) Diethyl Ether	3.971	74	14604	17.230	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	24444	19.048	ug/l	98
10) Methyl Iodide	4.600	142	32985	17.265	ug/l	99
11) Tert butyl alcohol	5.536	59	29843	82.304	ug/l	98
12) 1,1-Dichloroethene	4.347	96	21523	17.595	ug/l	99
13) Acrolein	4.189	56	17891	60.324	ug/l	96
14) Allyl chloride	5.036	41	29911m	16.742	ug/l	
15) Acrylonitrile	5.730	53	69408	90.616	ug/l	98
16) Acetone	4.436	43	64434	97.871	ug/l	99
17) Carbon Disulfide	4.724	76	43608	14.176	ug/l	100
18) Methyl Acetate	5.042	43	42264	19.653	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	82011	18.039	ug/l	95
20) Methylene Chloride	5.283	84	26357	17.956	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	23082	17.234	ug/l	88
22) Diisopropyl ether	6.683	45	68992	17.499	ug/l	97
23) Vinyl Acetate	6.612	43	272257m	82.695	ug/l	
24) 1,1-Dichloroethane	6.577	63	45532	18.260	ug/l	97
25) 2-Butanone	7.494	43	91970	88.814	ug/l	98
26) 2,2-Dichloropropane	7.494	77	41520	18.100	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	29927	18.711	ug/l	96
28) Bromochloromethane	7.818	49	19020	18.095	ug/l	95
29) Tetrahydrofuran	7.847	42	58835	87.925	ug/l	99
30) Chloroform	7.971	83	50363	18.603	ug/l	100
31) Cyclohexane	8.259	56	38712	16.740	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	46195	18.790	ug/l	95
36) 1,1-Dichloropropene	8.377	75	34420	18.380	ug/l	98
37) Ethyl Acetate	7.565	43	36493	17.769	ug/l	99
38) Carbon Tetrachloride	8.365	117	39953	19.394	ug/l	96
39) Methylcyclohexane	9.606	83	43605	17.637	ug/l	97
40) Benzene	8.612	78	107359	18.723	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16951	17.227	ug/l	92
42) 1,2-Dichloroethane	8.677	62	38743	18.571	ug/l	98
43) Isopropyl Acetate	8.694	43	56463	17.724	ug/l	97
44) Trichloroethene	9.353	130	28763	19.994	ug/l	96
45) 1,2-Dichloropropane	9.624	63	26703	19.568	ug/l	94
46) Dibromomethane	9.712	93	20293	19.088	ug/l	99
47) Bromodichloromethane	9.894	83	38889	18.889	ug/l	98
48) Methyl methacrylate	9.682	41	25139	17.203	ug/l	97
49) 1,4-Dioxane	9.700	88	15009	392.222	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	185761	90.362	ug/l	99
52) Toluene	10.629	92	70919	18.502	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	39897	18.360	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	42626	18.494	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	29345	19.308	ug/l	95
56) Ethyl methacrylate	10.876	69	40844	17.618	ug/l	98
57) 1,3-Dichloropropane	11.165	76	48251	19.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	63383	70.720	ug/l	99
59) 2-Hexanone	11.194	43	142370	91.249	ug/l	100
60) Dibromochloromethane	11.359	129	30765	19.186	ug/l	99
61) 1,2-Dibromoethane	11.471	107	29676	19.053	ug/l	99
64) Tetrachloroethene	11.106	164	28403	24.857	ug/l	94
65) Chlorobenzene	11.894	112	77737	19.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	29453	19.957	ug/l	98
67) Ethyl Benzene	11.965	91	137800	19.252	ug/l	98
68) m/p-Xylenes	12.070	106	107935	37.582	ug/l	96
69) o-Xylene	12.400	106	54461	19.175	ug/l	98
70) Styrene	12.412	104	85573	18.896	ug/l	100
71) Bromoform	12.576	173	20389	18.453	ug/l #	99
73) Isopropylbenzene	12.694	105	139485	18.855	ug/l	98
74) N-amyl acetate	12.494	43	46604	17.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	44052	18.225	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	38197m	19.523	ug/l	
77) Bromobenzene	12.982	156	31472	19.321	ug/l	96
78) n-propylbenzene	13.035	91	159000	19.143	ug/l	100
79) 2-Chlorotoluene	13.123	91	98496	19.406	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	121591	19.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	12801	16.795	ug/l	97
82) 4-Chlorotoluene	13.123	91	98496	19.406	ug/l	99
83) tert-Butylbenzene	13.441	119	106347	19.262	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	120834	19.220	ug/l	100
85) sec-Butylbenzene	13.617	105	149902	19.408	ug/l	99
86) p-Isopropyltoluene	13.729	119	124533	19.523	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62583	19.623	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63246	20.037	ug/l	99
89) n-Butylbenzene	14.059	91	103214	20.094	ug/l	100
90) Hexachloroethane	14.335	117	21245	18.165	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	64803	20.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8868	17.771	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	28992	21.249	ug/l	98
94) Hexachlorobutadiene	15.500	225	14636	22.004	ug/l	97
95) Naphthalene	15.641	128	103139	19.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	28101	20.729	ug/l	99

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

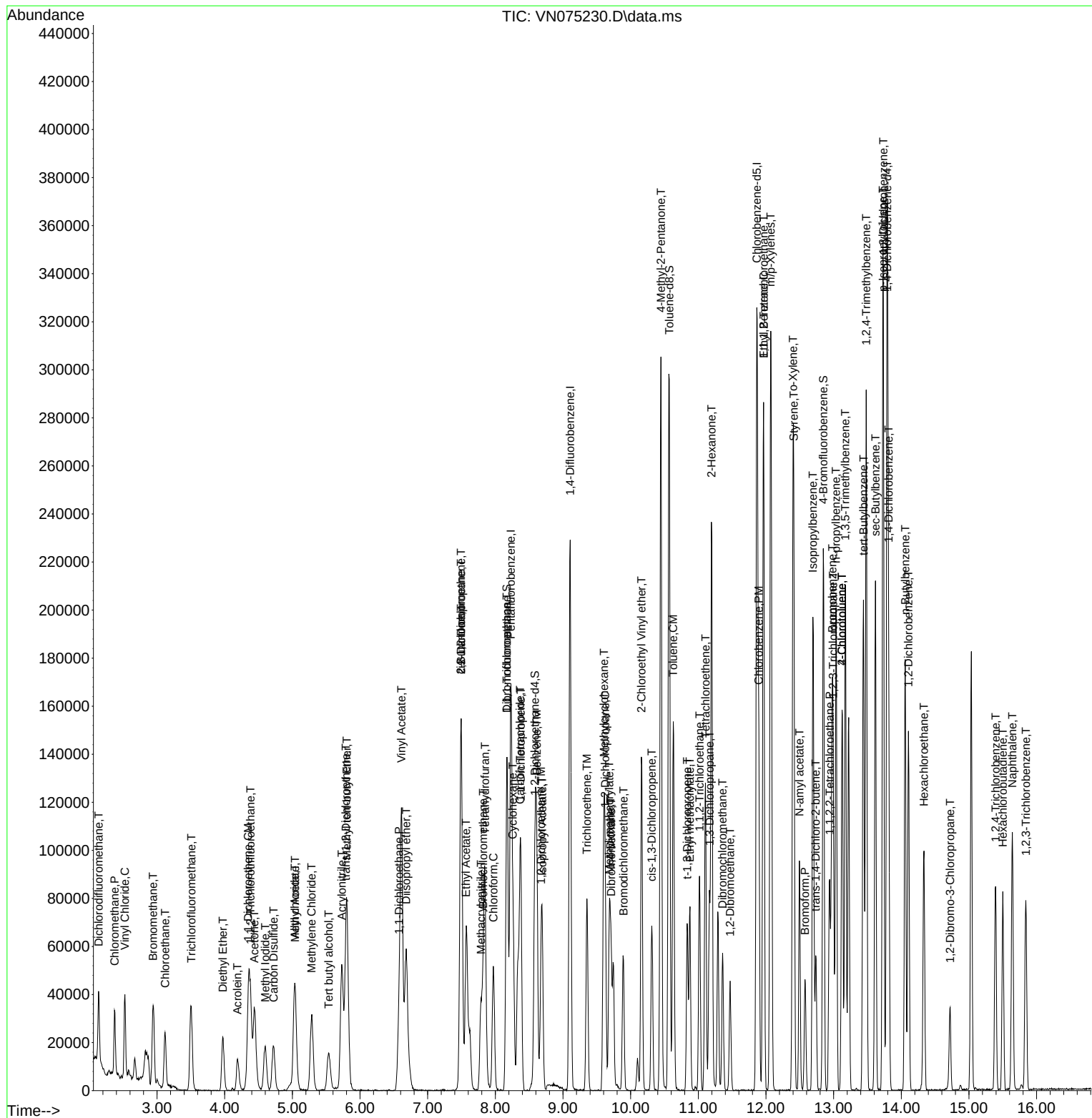
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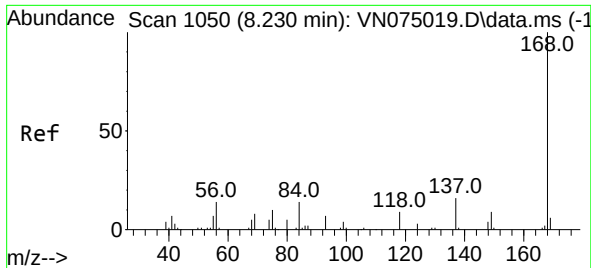
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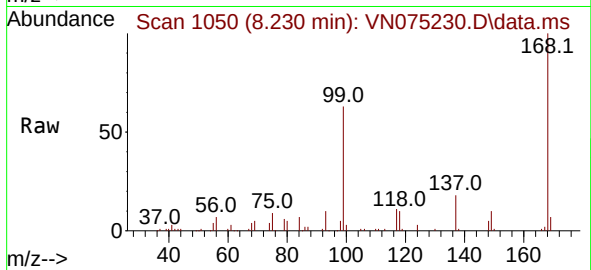
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075230.D
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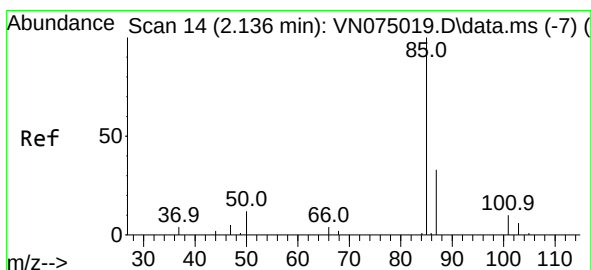
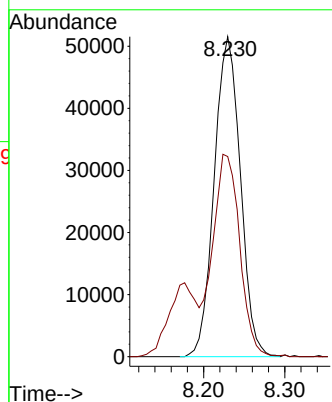
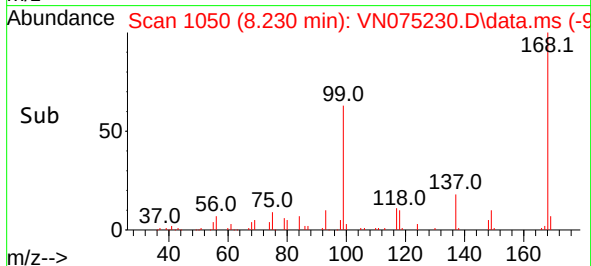
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:168 Resp: 11539
Ion Ratio Lower Upper
168 100
99 62.2 51.6 77.4

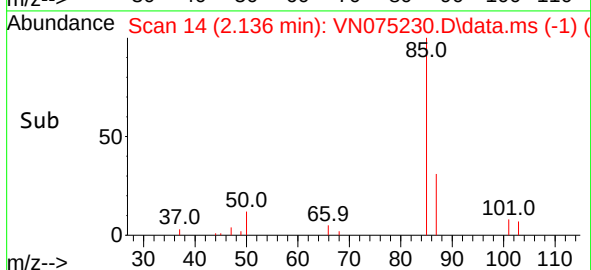
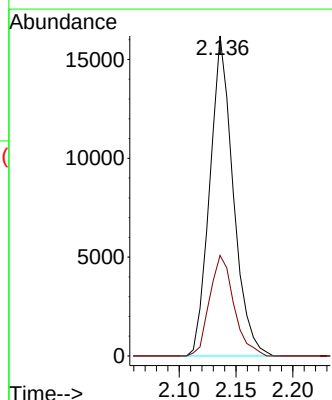
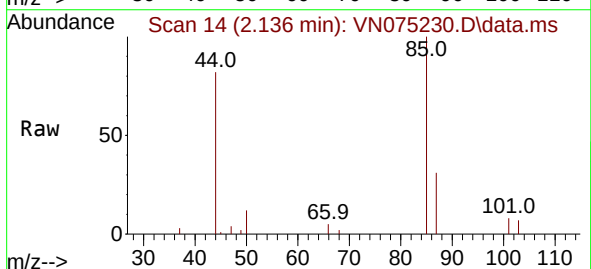
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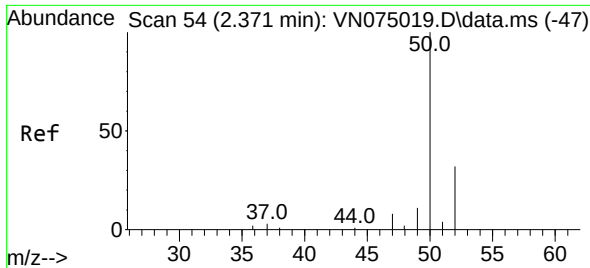
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 15.453 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

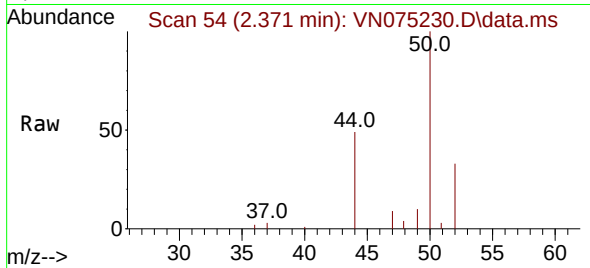
Tgt Ion: 85 Resp: 23198
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0





#3
Chloromethane
Concen: 15.193 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

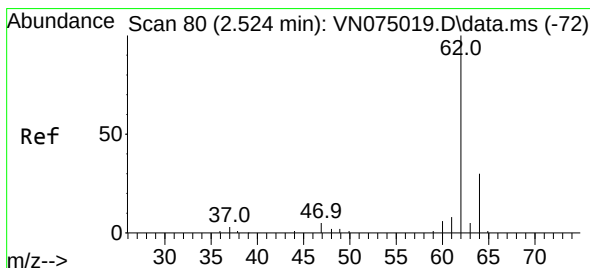
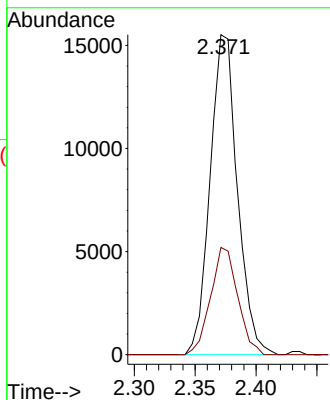
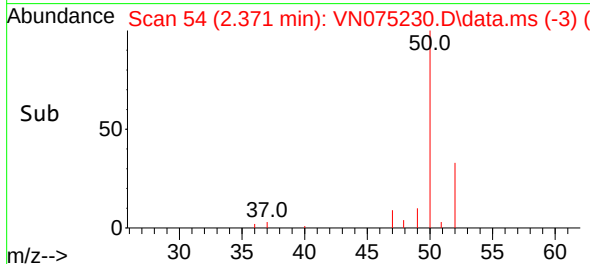
Instrument :
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Tgt Ion: 50 Resp: 24220
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

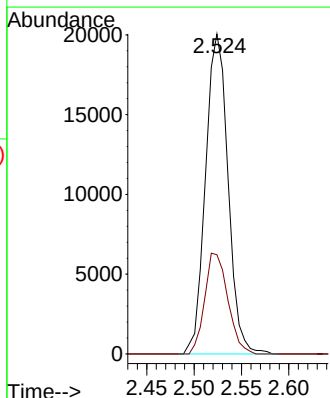
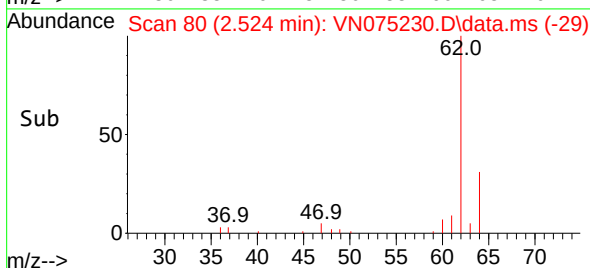
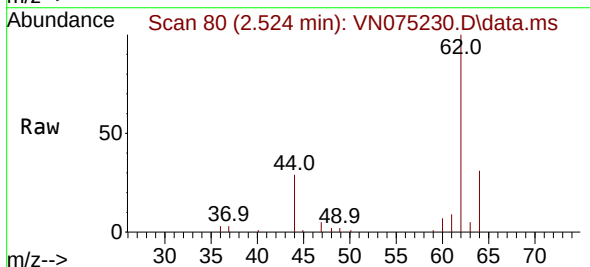
Manual Integrations
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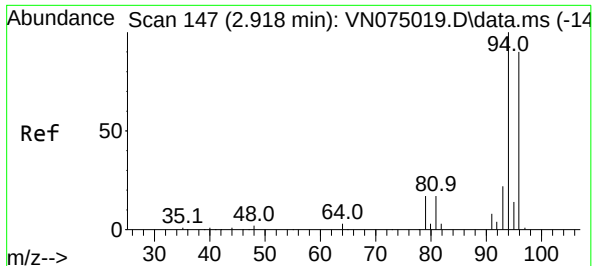
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Vinyl Chloride
Concen: 14.565 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075230.D
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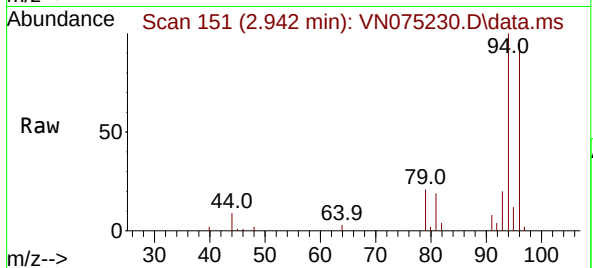
Tgt Ion: 62 Resp: 33131
Ion Ratio Lower Upper
62 100
64 31.0 24.0 36.0





#5
Bromomethane
Concen: 13.039 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

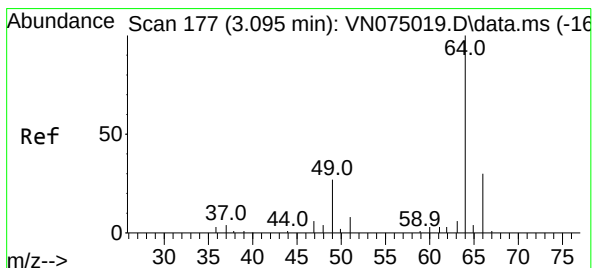
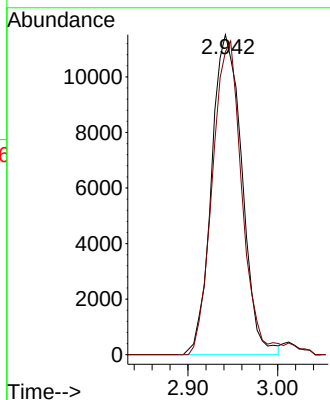
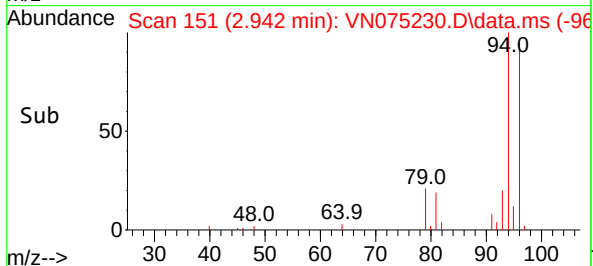
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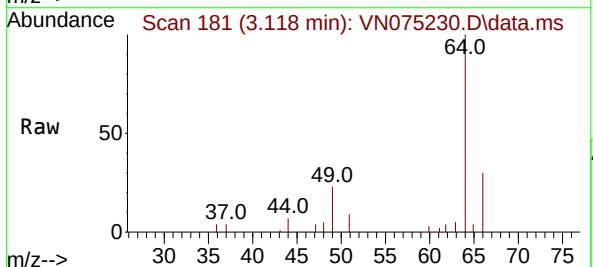
Tgt Ion: 94 Resp: 2708
Ion Ratio Lower Upper
94 100
96 94.6 71.8 107.6

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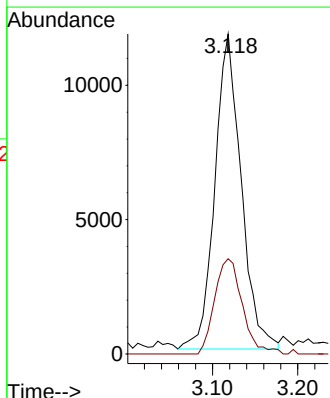
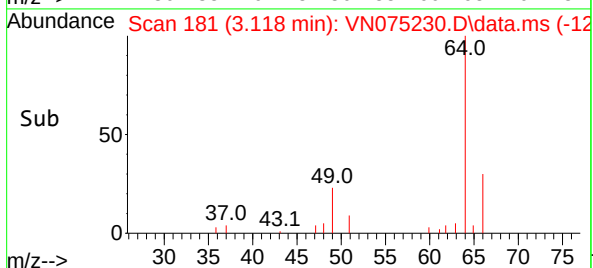
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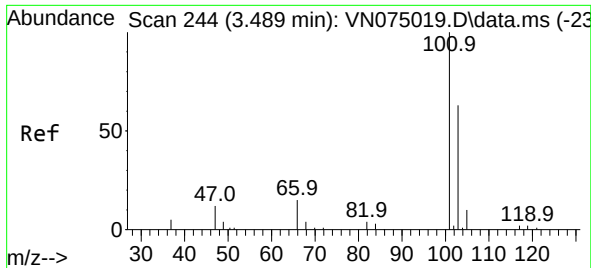


#6
Chloroethane
Concen: 15.445 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075230.D
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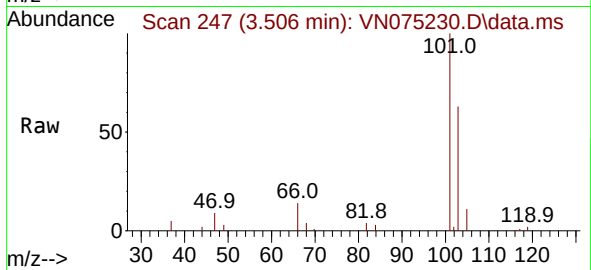
Tgt Ion: 64 Resp: 25193
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.8





#7
Trichlorofluoromethane
Concen: 18.401 ug/l
RT: 3.506 min Scan# 247
Delta R.T. 0.017 min
Lab File: VN075230.D
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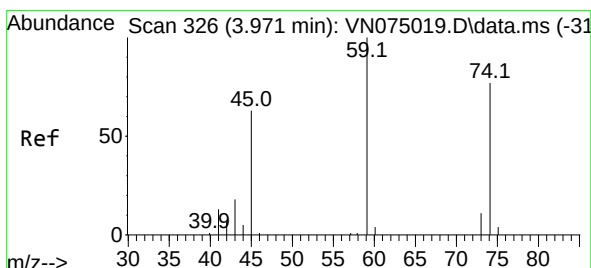
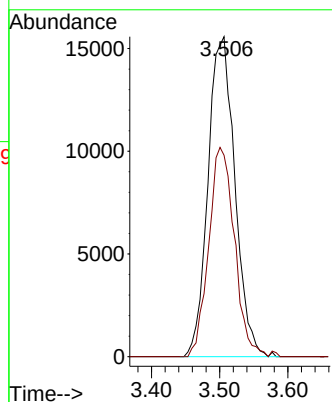
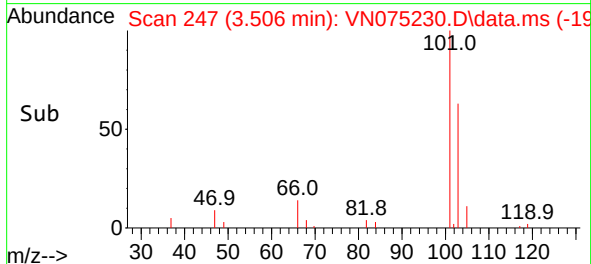
Instrument :
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Tgt Ion:101 Resp: 42758
Ion Ratio Lower Upper
101 100
103 62.9 50.5 75.7

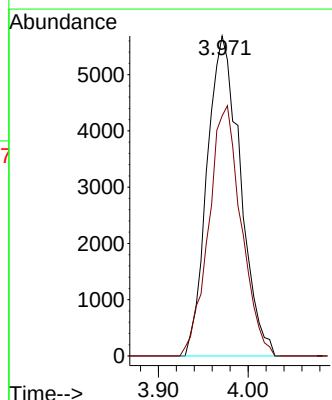
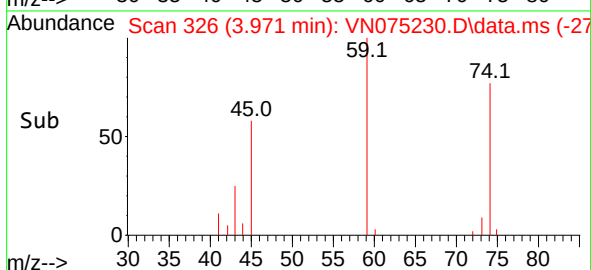
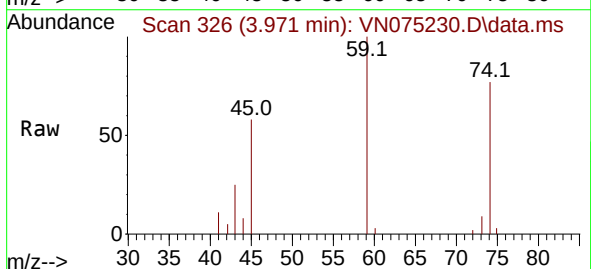
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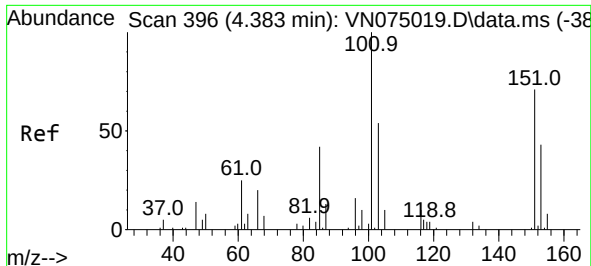
Reviewed By :John Carlone 11/11/2022
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#8
Diethyl Ether
Concen: 17.230 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 74 Resp: 14604
Ion Ratio Lower Upper
74 100
45 76.5 39.3 117.9





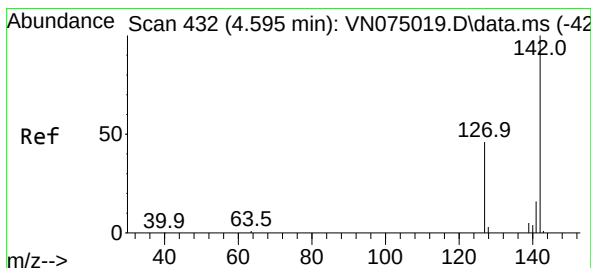
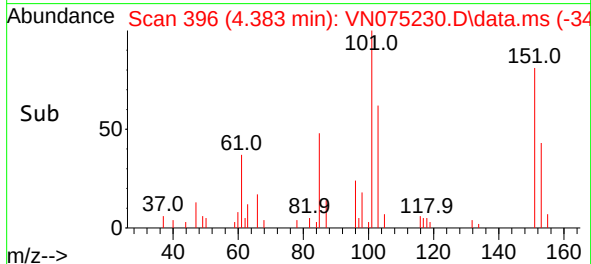
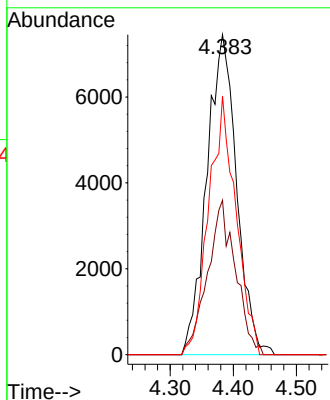
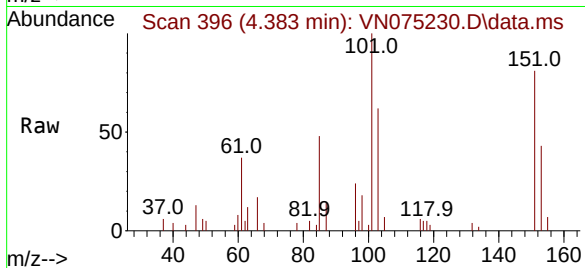
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.048 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:101 Resp: 2444
Ion Ratio Lower Upper
101 100
85 45.4 37.6 56.4
151 73.8 58.3 87.5

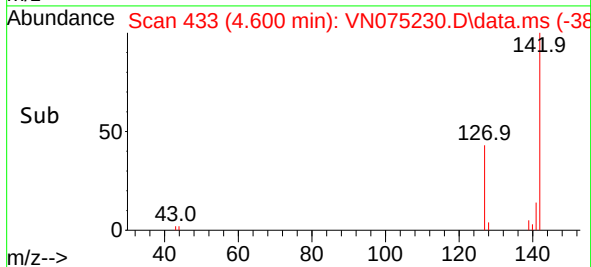
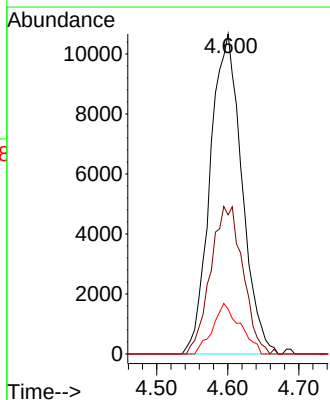
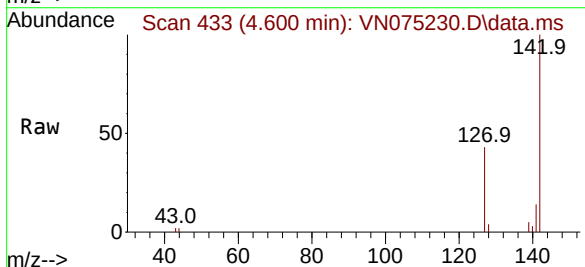
Manual Integrations
APPROVED

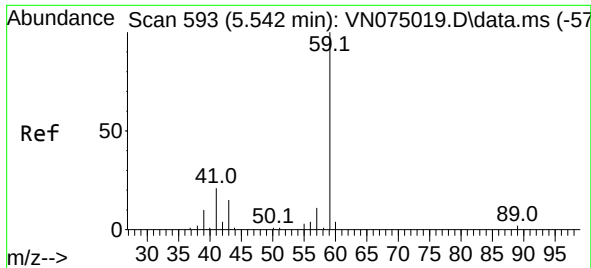
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
Methyl Iodide
Concen: 17.265 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion:142 Resp: 32985
Ion Ratio Lower Upper
142 100
127 47.3 38.0 57.0
141 13.7 12.2 18.4





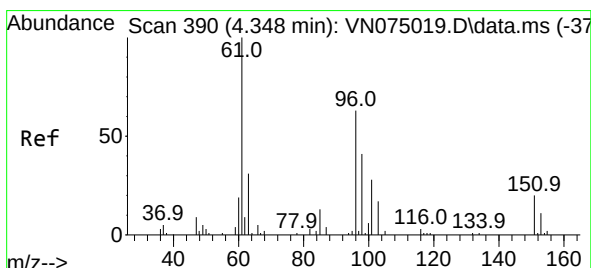
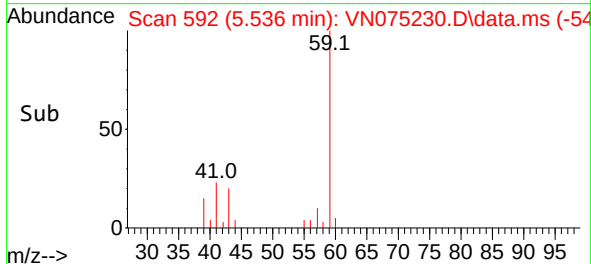
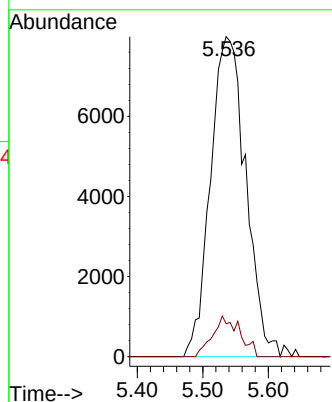
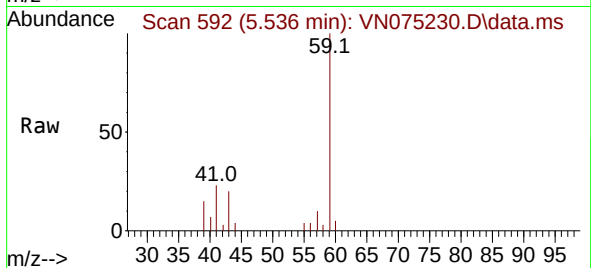
#11
Tert butyl alcohol
Concen: 82.304 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 59 Resp: 2984
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

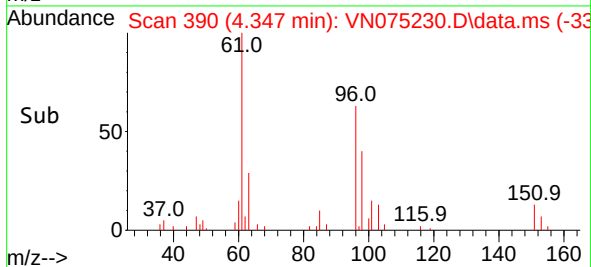
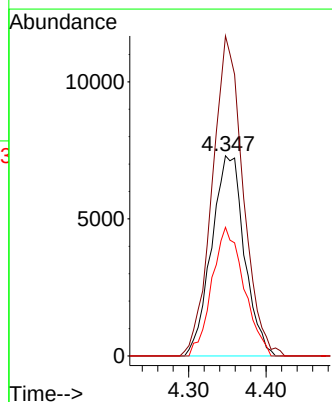
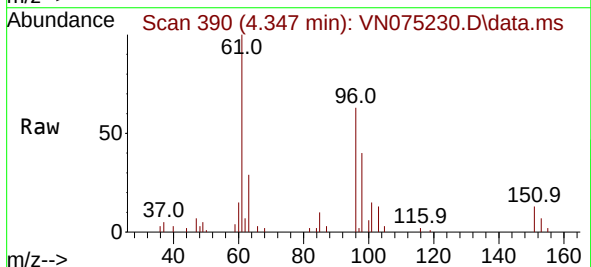
Manual Integrations
APPROVED

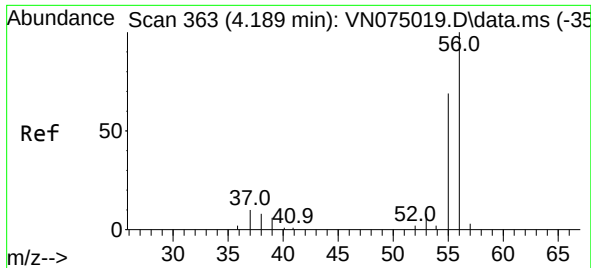
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

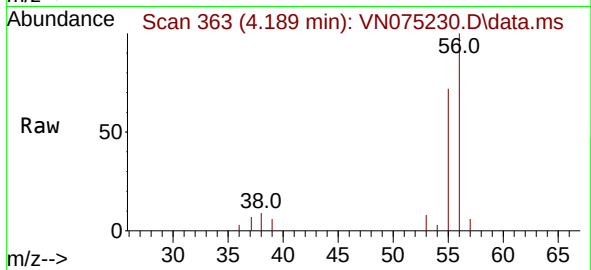
Tgt Ion: 96 Resp: 21523
Ion Ratio Lower Upper
96 100
61 159.8 126.2 189.4
98 64.2 51.5 77.3





#13
Acrolein
Concen: 60.324 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

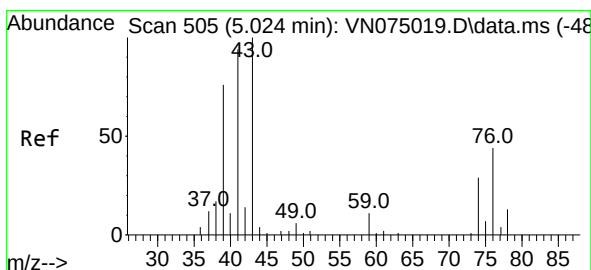
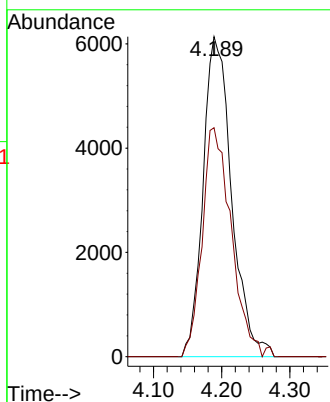
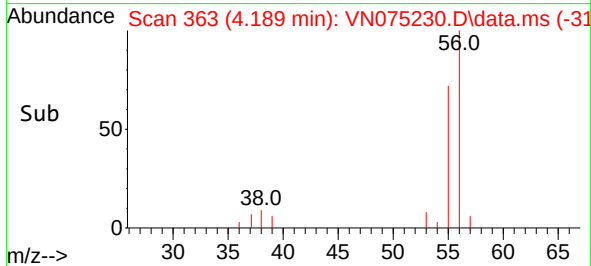
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



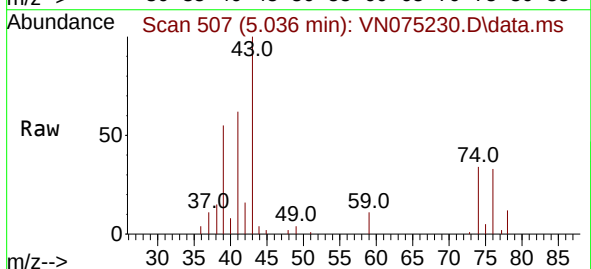
Tgt Ion: 56 Resp: 1789
Ion Ratio Lower Upper
56 100
55 72.4 55.2 82.8

Manual Integrations
APPROVED

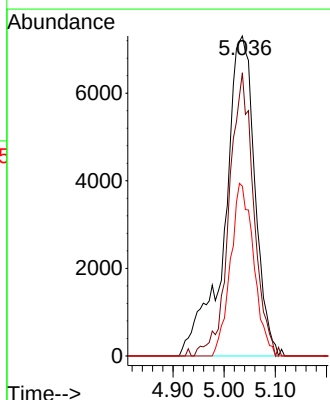
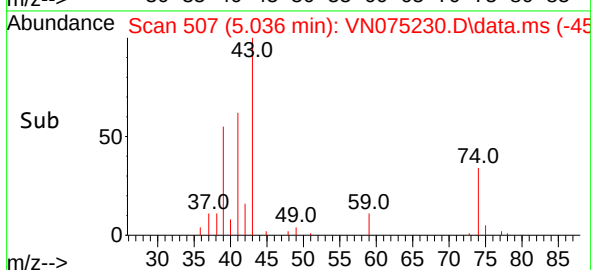
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

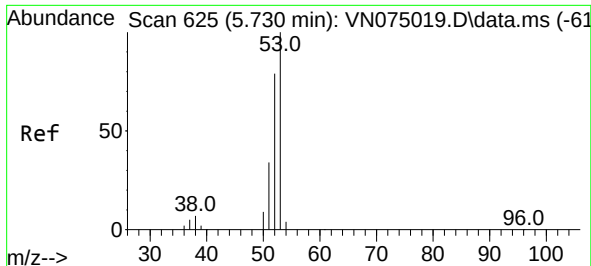


#14
Allyl chloride
Concen: 16.742 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



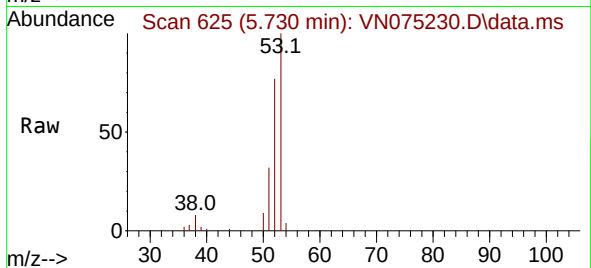
Tgt Ion: 41 Resp: 29911
Ion Ratio Lower Upper
41 100
39 71.7 61.0 91.4
76 41.4 33.4 50.0





#15
Acrylonitrile
Concen: 90.616 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

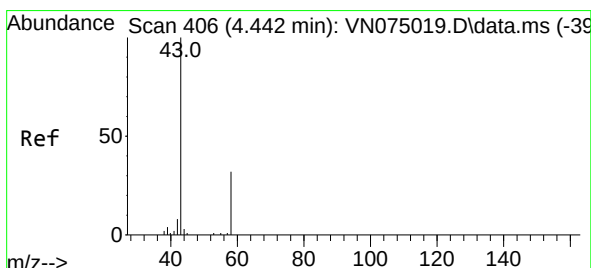
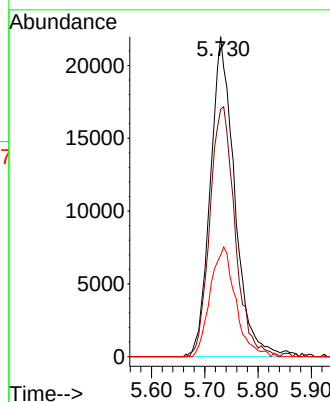
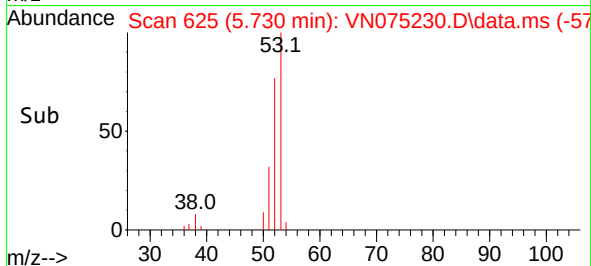
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 53 Resp: 69408
Ion Ratio Lower Upper
53 100
52 81.0 66.4 99.6
51 36.0 29.6 44.4

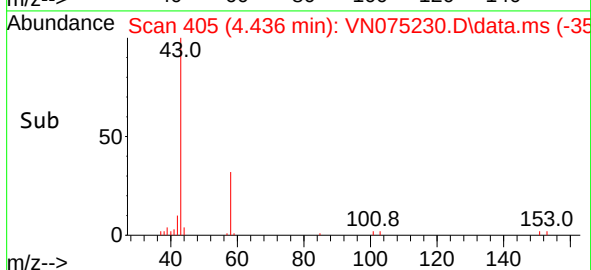
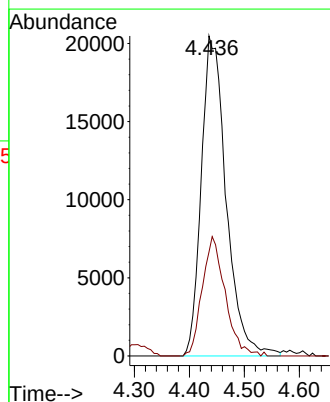
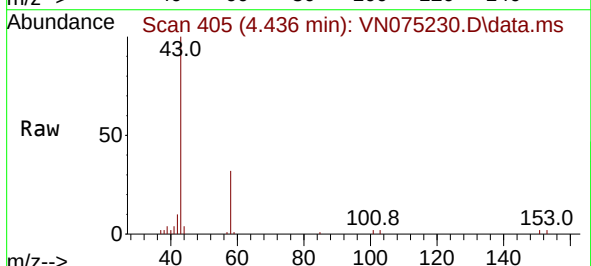
Manual Integrations
APPROVED

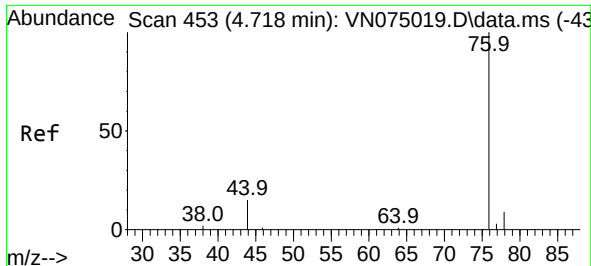
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Acetone
Concen: 97.871 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 43 Resp: 64434
Ion Ratio Lower Upper
43 100
58 32.5 25.5 38.3





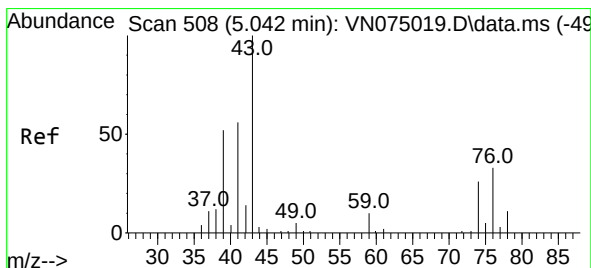
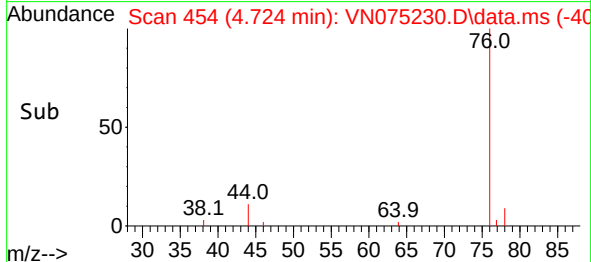
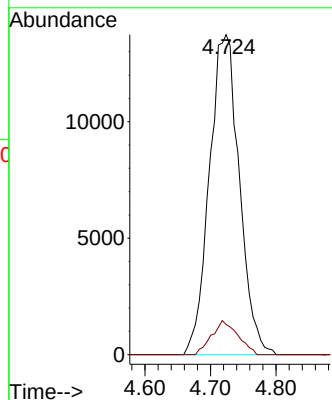
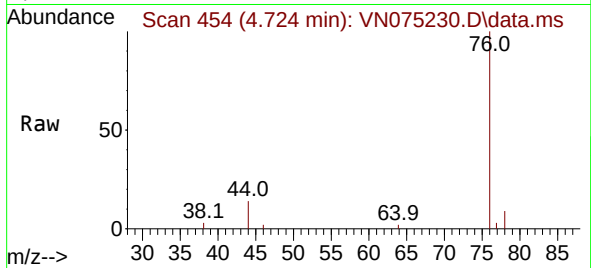
#17
Carbon Disulfide
Concen: 14.176 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 76 Resp: 43608
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

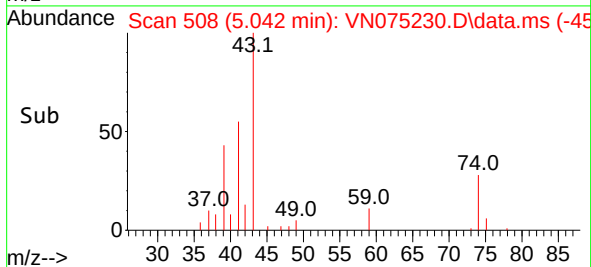
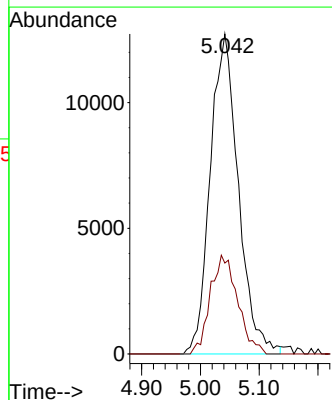
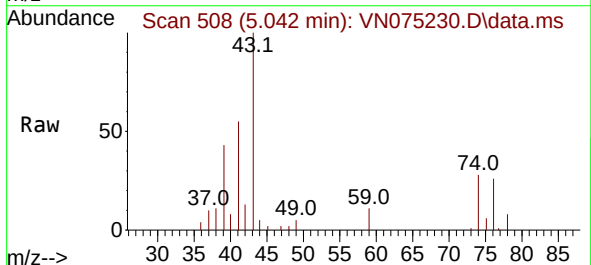
Manual Integrations
APPROVED

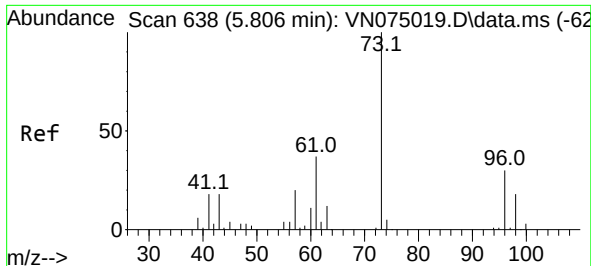
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#18
Methyl Acetate
Concen: 19.653 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 43 Resp: 42264
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





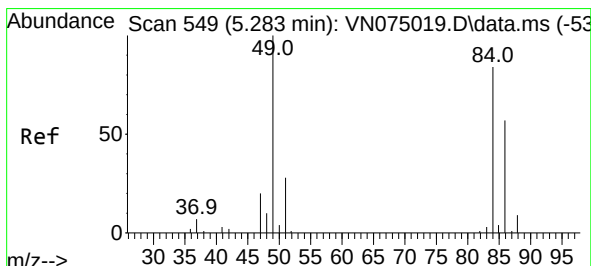
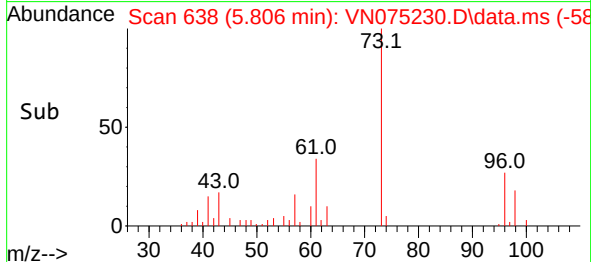
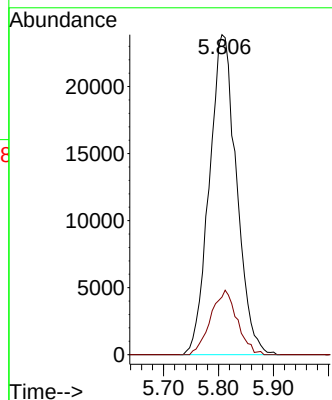
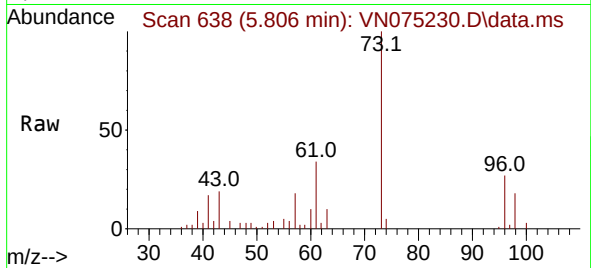
#19
Methyl tert-butyl Ether
Concen: 18.039 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 73 Resp: 8201
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5

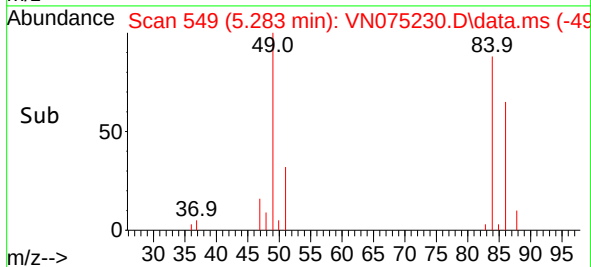
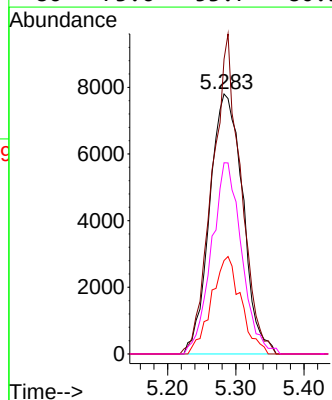
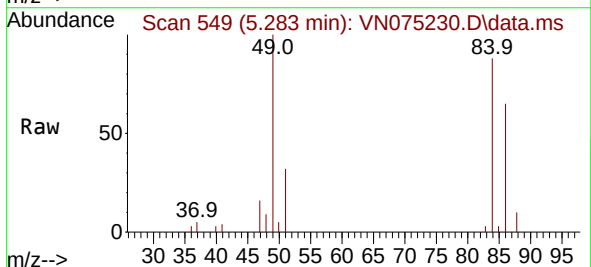
Manual Integrations
APPROVED

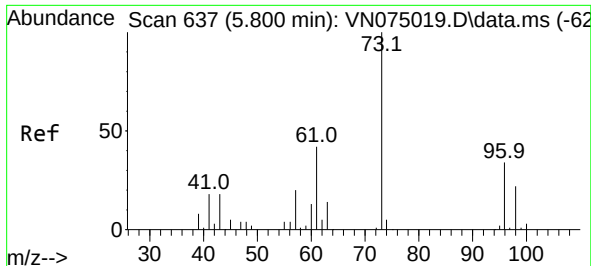
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 17.956 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 84 Resp: 26357
Ion Ratio Lower Upper
84 100
49 113.4 94.9 142.3
51 35.9 26.8 40.2
86 73.6 53.7 80.5





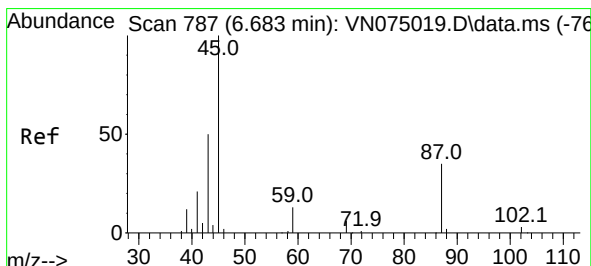
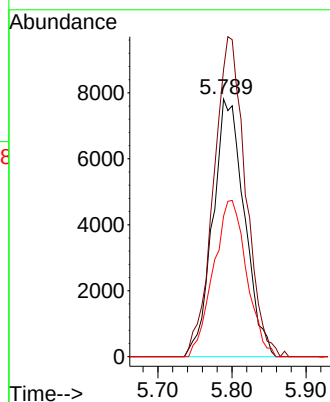
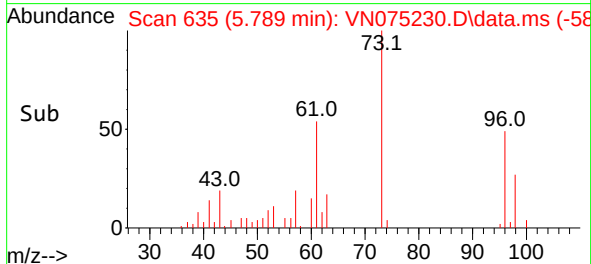
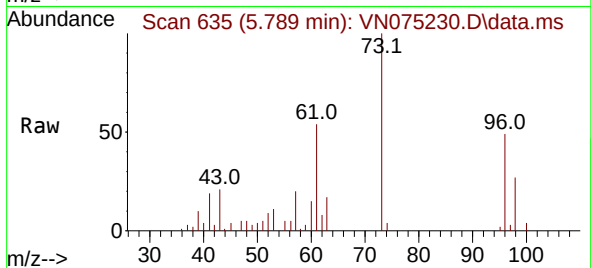
#21
trans-1,2-Dichloroethene
Concen: 17.234 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 96 Resp: 2308
Ion Ratio Lower Upper
96 100
61 111.5 99.9 149.9
98 54.5 51.5 77.3

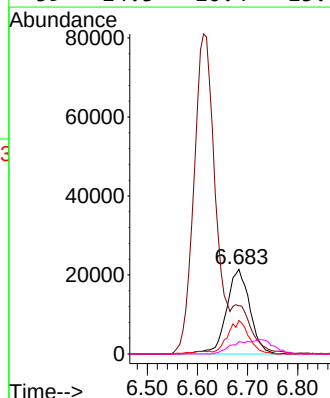
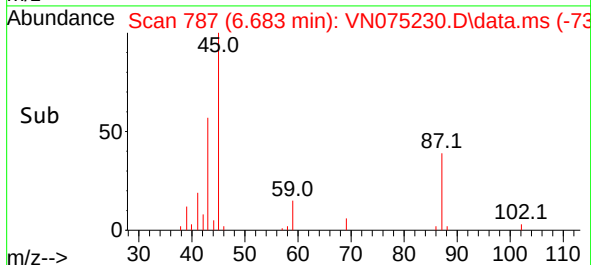
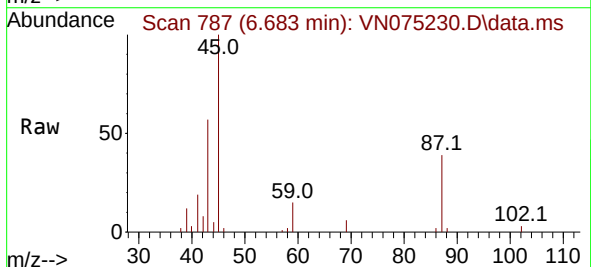
Manual Integrations
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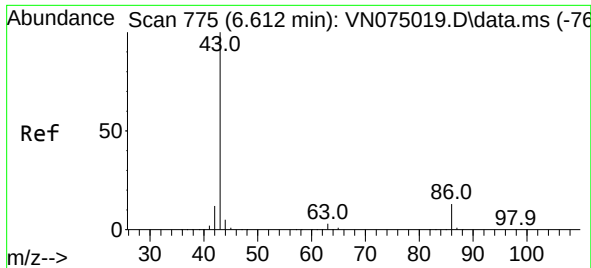
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
Diisopropyl ether
Concen: 17.499 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

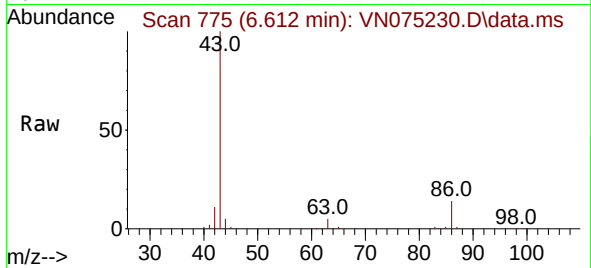
Tgt Ion: 45 Resp: 68992
Ion Ratio Lower Upper
45 100
43 53.7 42.8 64.2
87 39.5 28.4 42.6
59 14.5 10.4 15.6





#23
 Vinyl Acetate
 Concen: 82.695 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

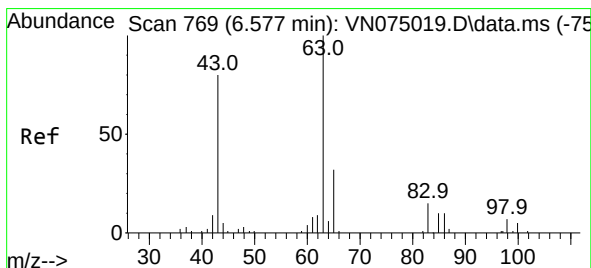
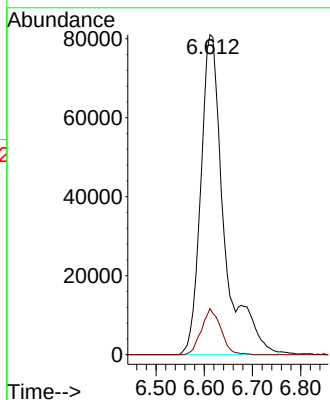
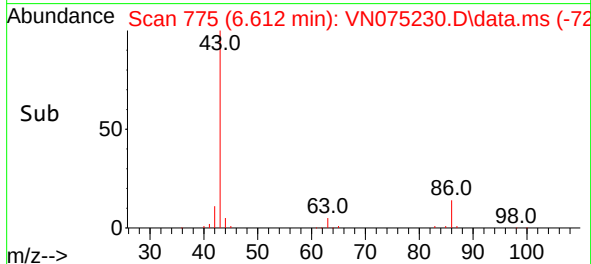
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01



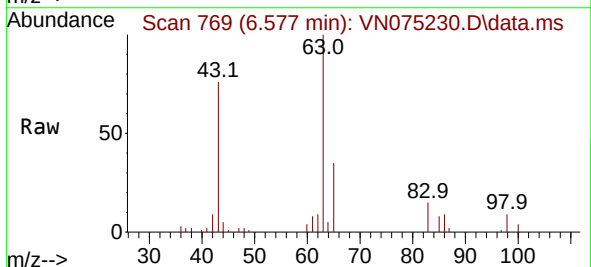
Tgt Ion: 43 Resp: 27225
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.7 16.1

Manual Integrations
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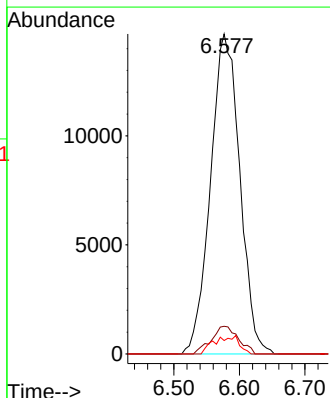
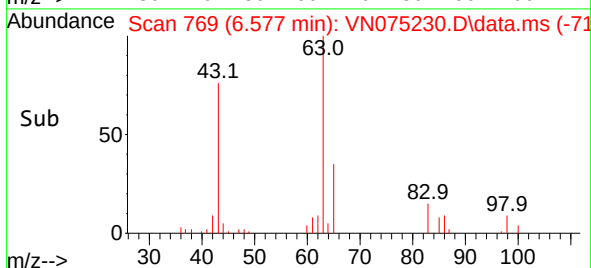
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

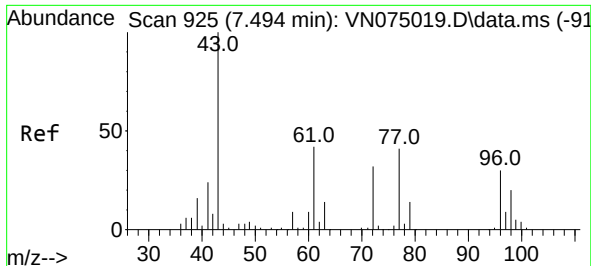


#24
 1,1-Dichloroethane
 Concen: 18.260 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57



Tgt Ion: 63 Resp: 45532
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 88.814 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 43 Resp: 91970

Ion Ratio Lower Upper

43 100

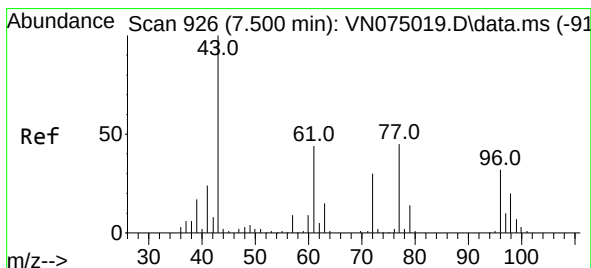
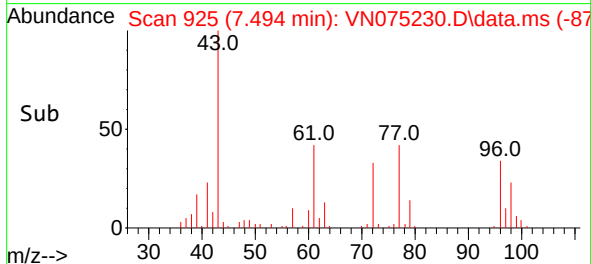
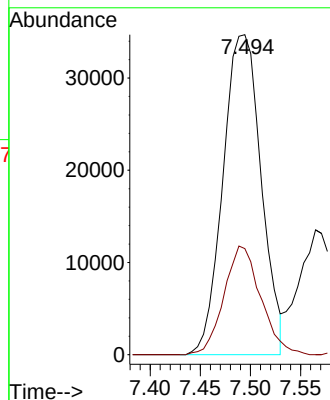
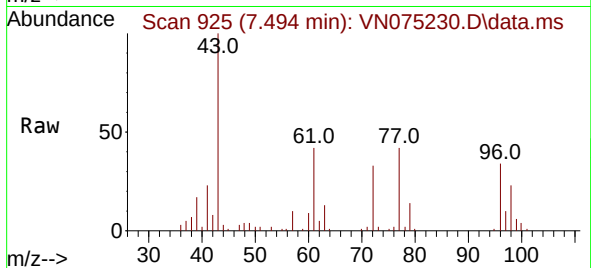
72 33.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#26

2,2-Dichloropropane

Concen: 18.100 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075230.D

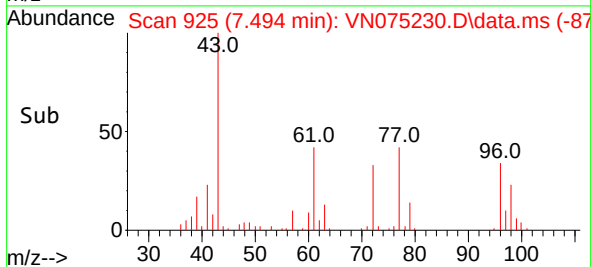
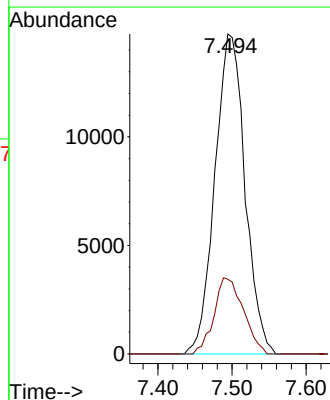
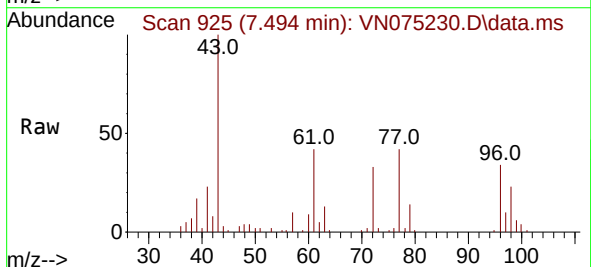
Acq: 10 Nov 2022 12:57

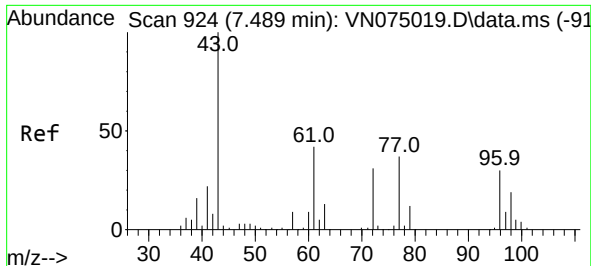
Tgt Ion: 77 Resp: 41520

Ion Ratio Lower Upper

77 100

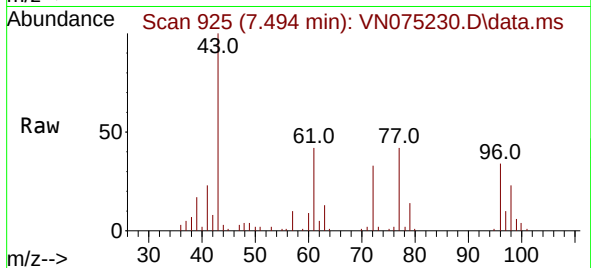
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.711 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

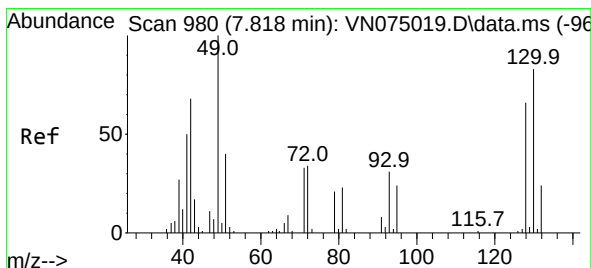
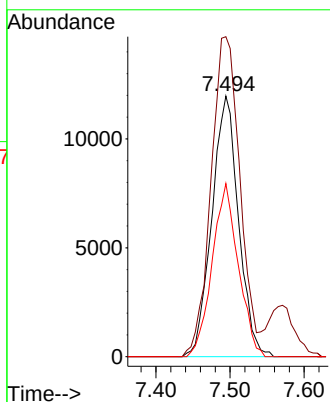
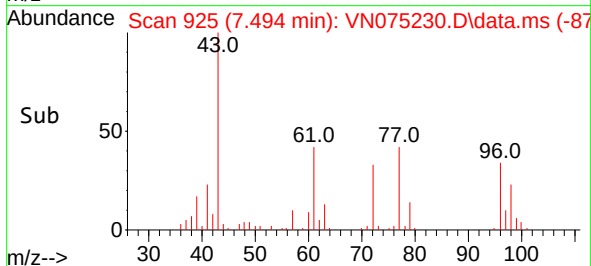
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01



Tgt Ion: 96 Resp: 2992
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 278.8
 98 65.0 0.0 128.4

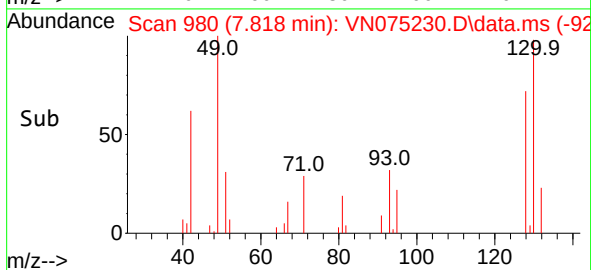
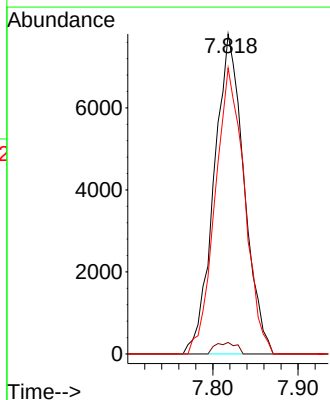
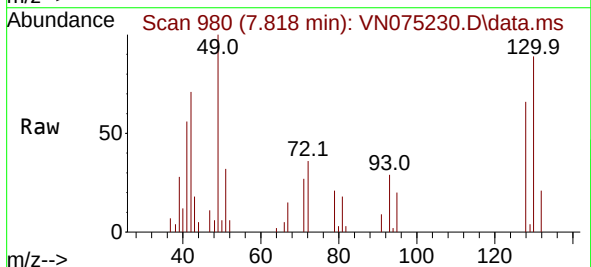
Manual Integrations
 APPROVED

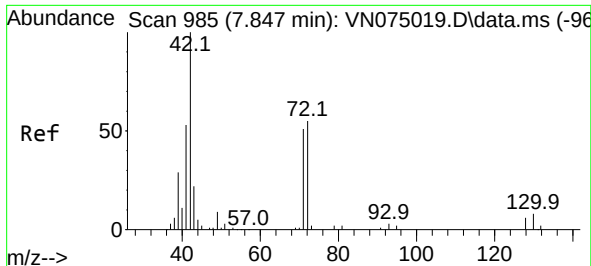
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#28
 Bromochloromethane
 Concen: 18.095 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

Tgt Ion: 49 Resp: 19020
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 87.9 66.2 99.4





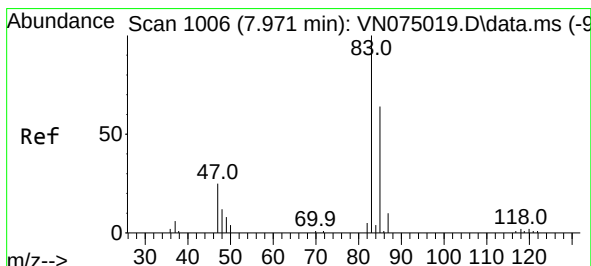
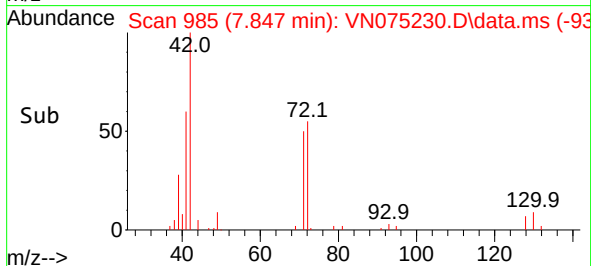
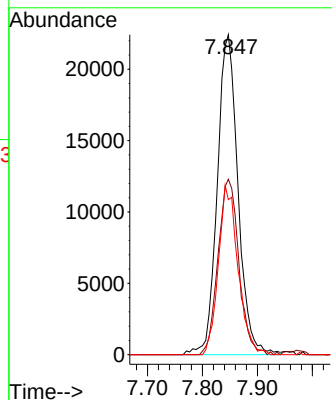
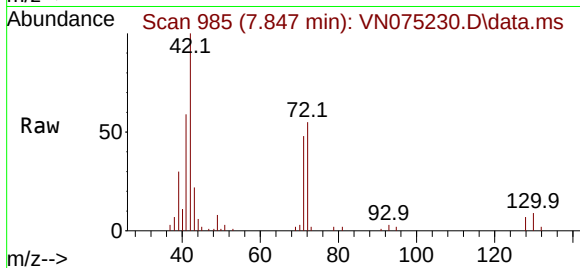
#29
Tetrahydrofuran
Concen: 87.925 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 42 Resp: 5883
Ion Ratio Lower Upper
42 100
72 54.8 43.0 64.6
71 50.0 39.9 59.9

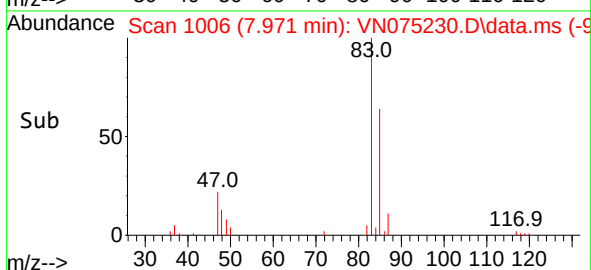
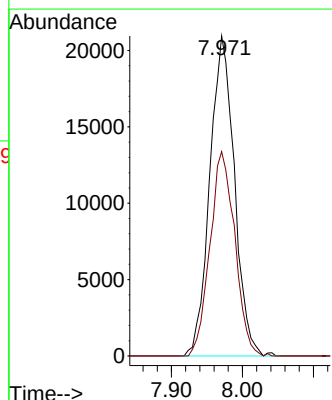
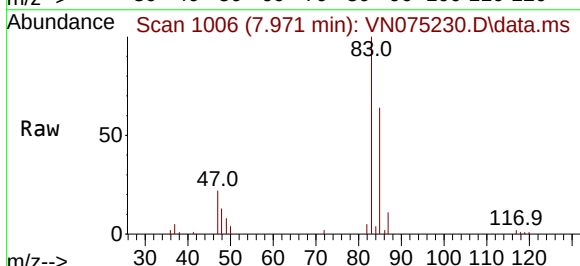
Manual Integrations
APPROVED

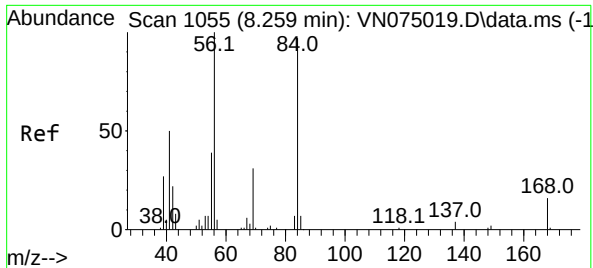
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#30
Chloroform
Concen: 18.603 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

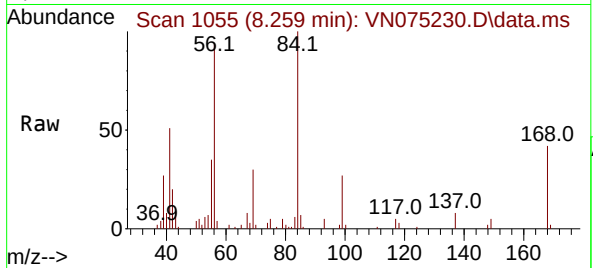
Tgt Ion: 83 Resp: 50363
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0





#31
Cyclohexane
Concen: 16.740 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

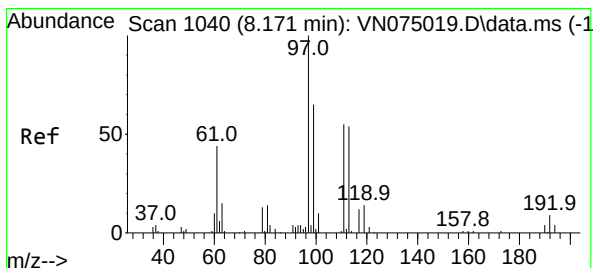
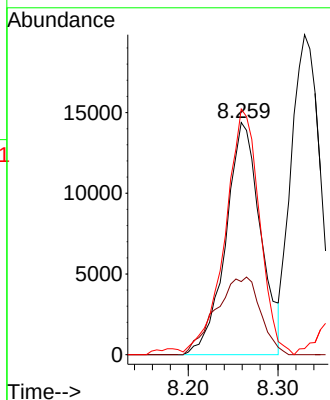
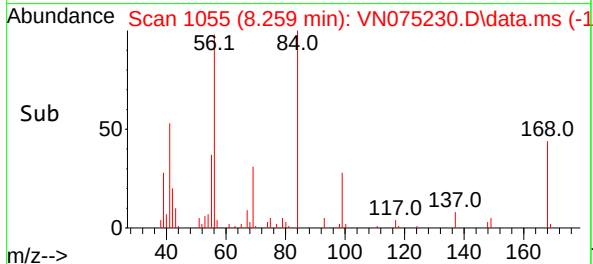
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



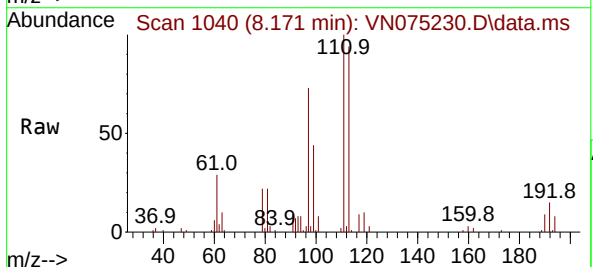
Tgt Ion: 56 Resp: 3871
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 103.6 77.8 116.8

Manual Integrations
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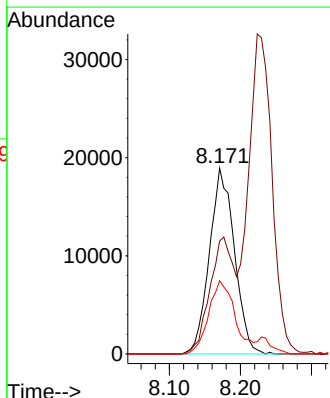
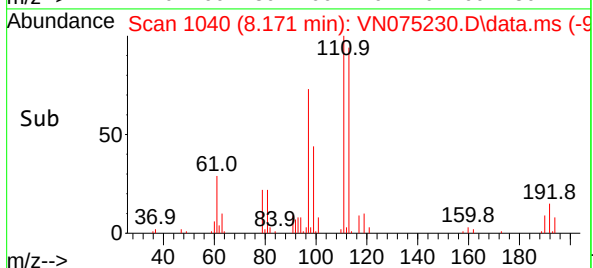
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

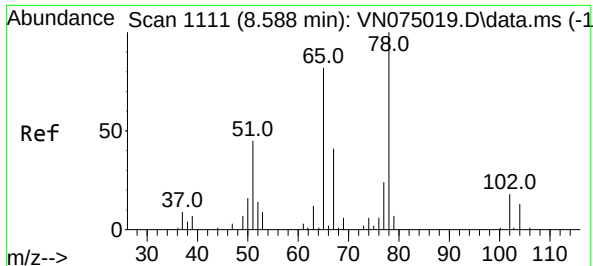


#32
1,1,1-Trichloroethane
Concen: 18.790 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 97 Resp: 46195
Ion Ratio Lower Upper
97 100
99 60.5 50.2 75.2
61 41.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.737 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

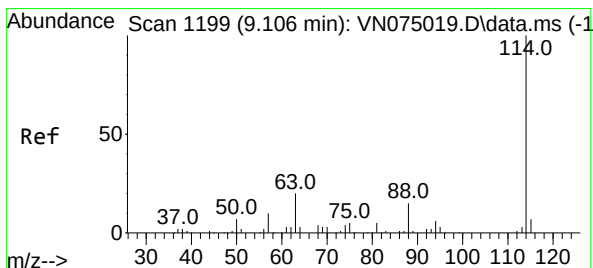
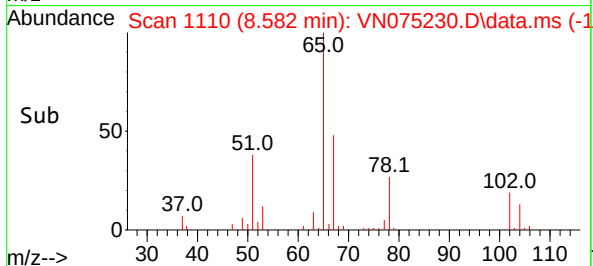
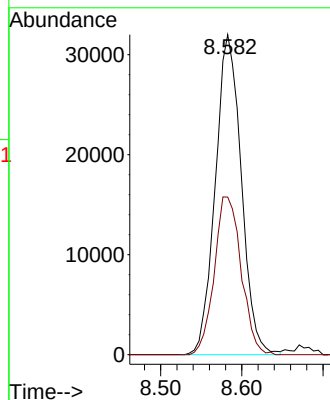
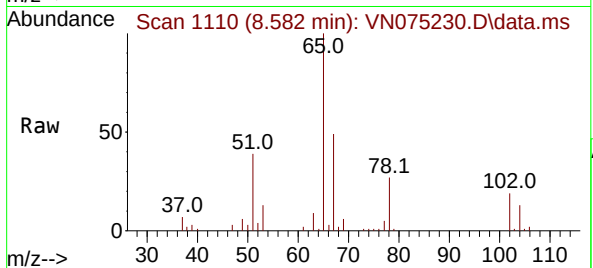
Tgt Ion: 65 Resp: 71114
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

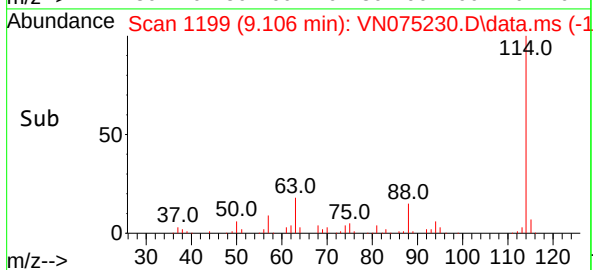
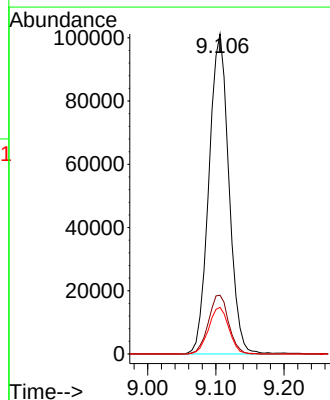
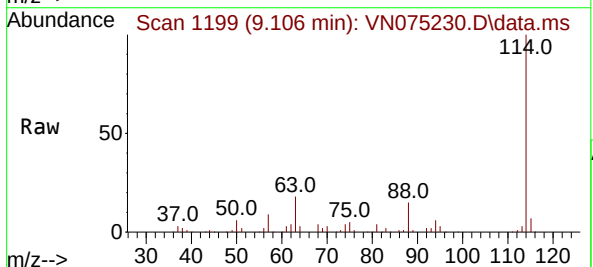
RT: 9.106 min Scan# 1199

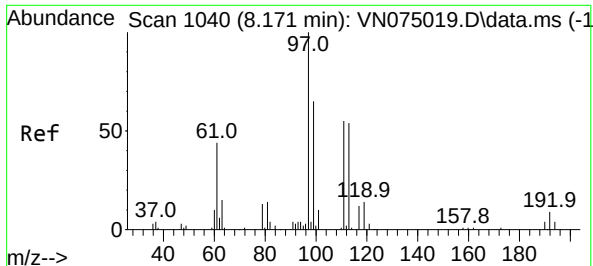
Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Tgt Ion:114 Resp: 206054
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.191 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

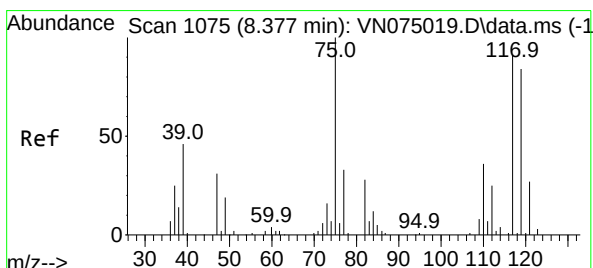
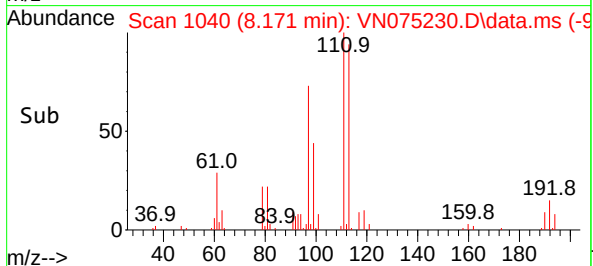
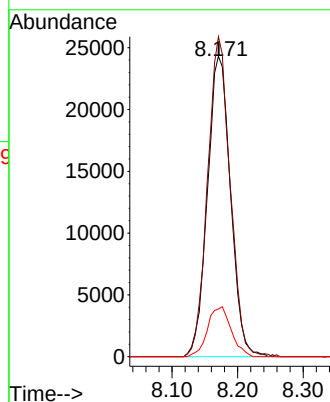
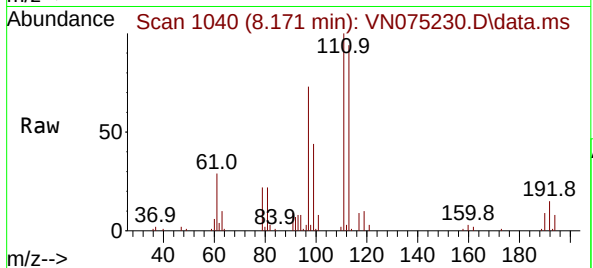
Tgt Ion:	113	Resp:	59504
Ion Ratio	Lower	Upper	
113	100		
111	104.0	80.5	120.7
192	17.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#36

1,1-Dichloropropene

Concen: 18.380 ug/l

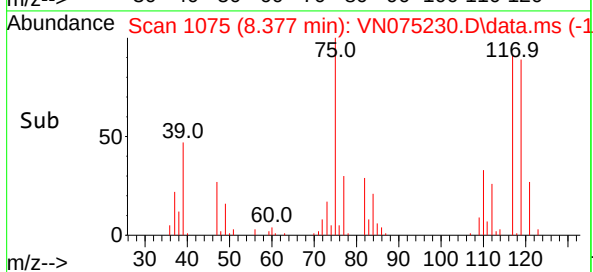
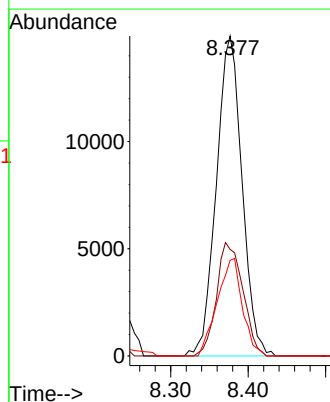
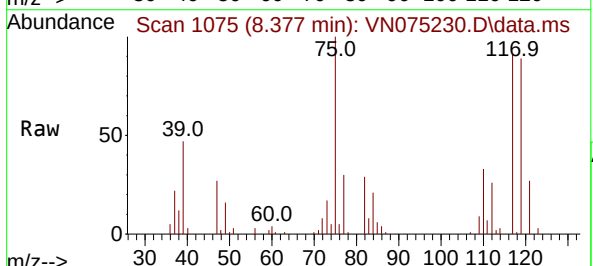
RT: 8.377 min Scan# 1075

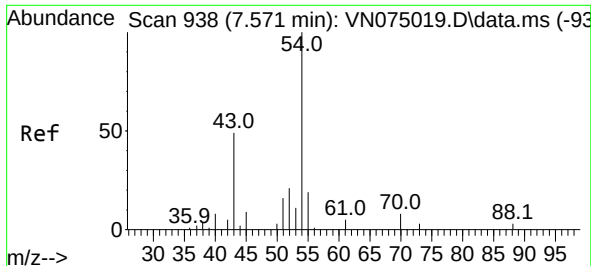
Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Tgt Ion:	75	Resp:	34420
Ion Ratio	Lower	Upper	
75	100		
110	36.3	17.8	53.3
77	29.8	24.6	37.0





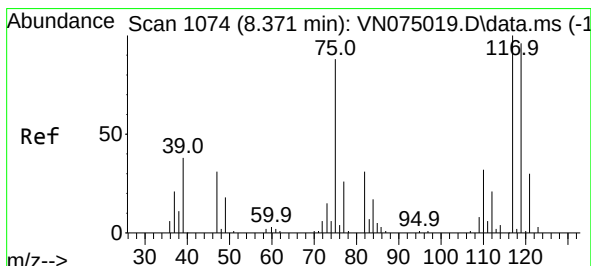
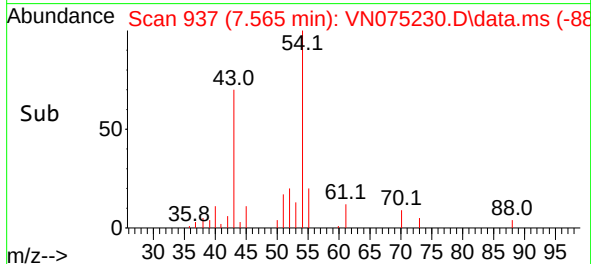
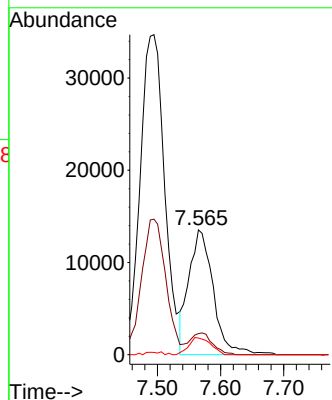
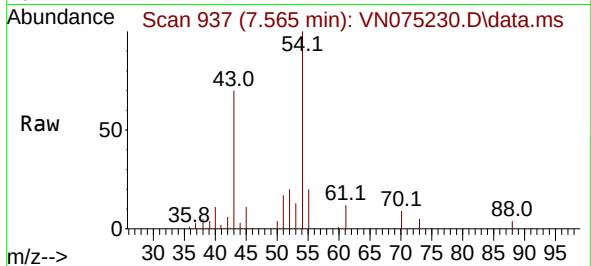
#37
Ethyl Acetate
Concen: 17.769 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.4
70 12.2 9.4 14.2

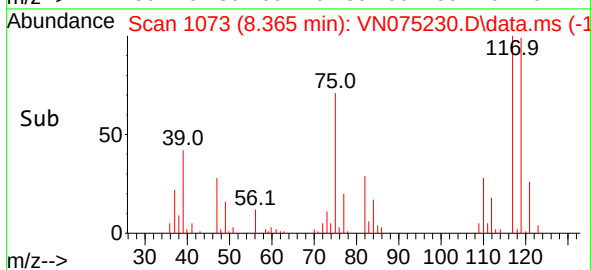
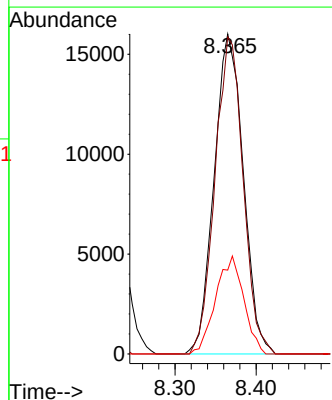
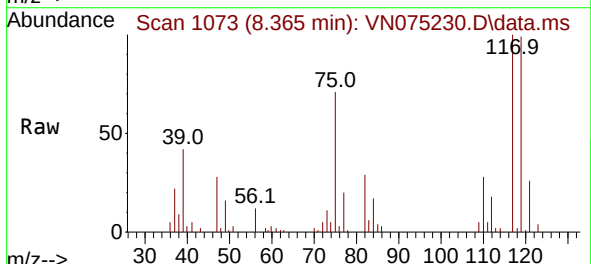
Manual Integrations
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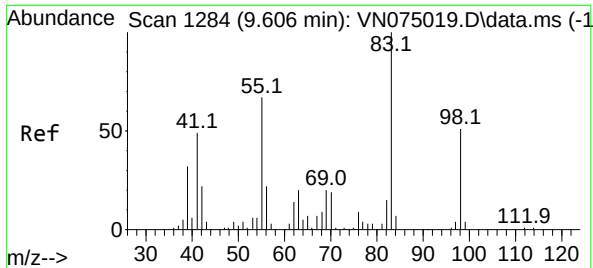
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#38
Carbon Tetrachloride
Concen: 19.394 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion:117 Resp: 39953
Ion Ratio Lower Upper
117 100
119 99.1 76.7 115.1
121 26.2 23.9 35.9





#39

Methylcyclohexane

Concen: 17.637 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 83 Resp: 4360

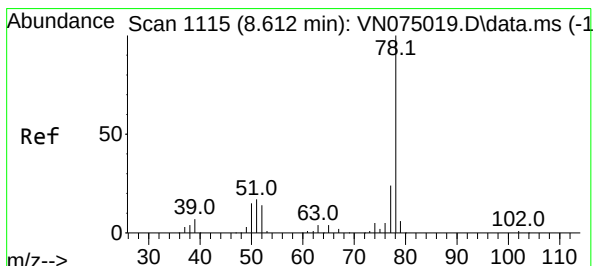
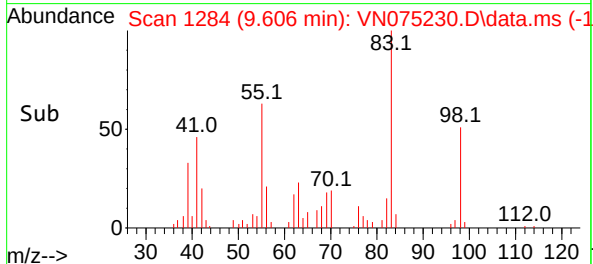
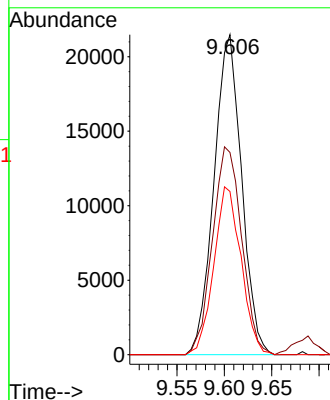
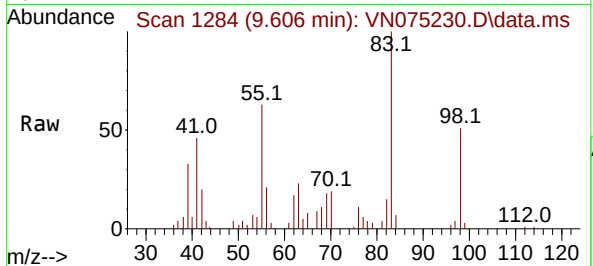
Ion	Ratio	Lower	Upper
83	100		
55	63.2	53.6	80.4
98	51.0	41.1	61.7

Manual Integrations

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Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Benzene

Concen: 18.723 ug/l

RT: 8.612 min Scan# 1115

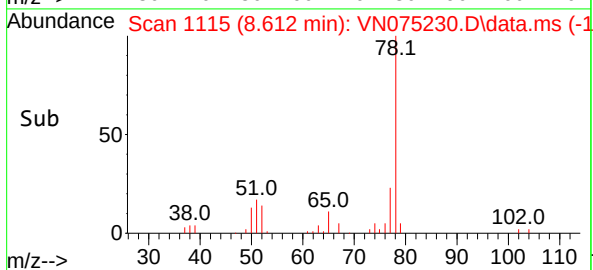
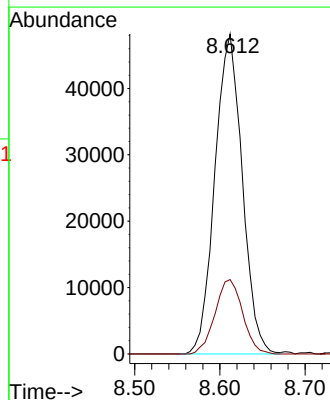
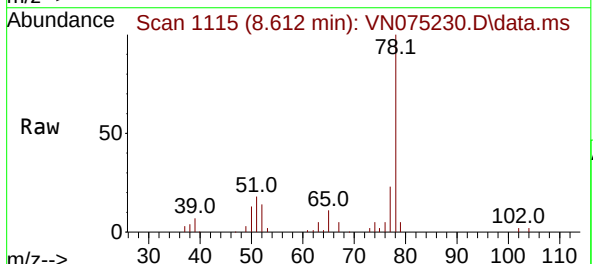
Delta R.T. -0.000 min

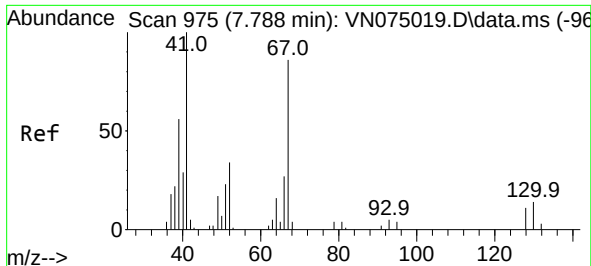
Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Tgt Ion: 78 Resp: 107359

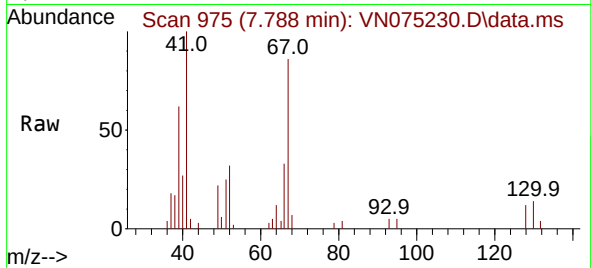
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 17.227 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

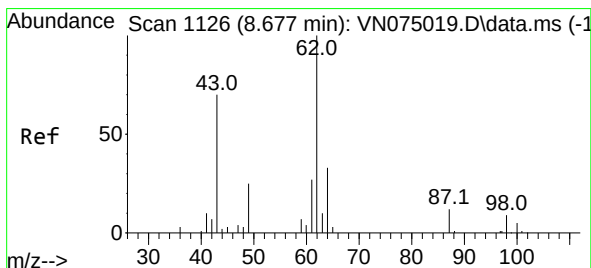
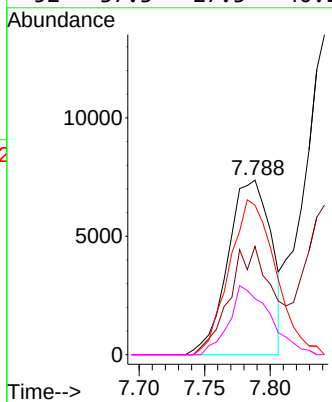
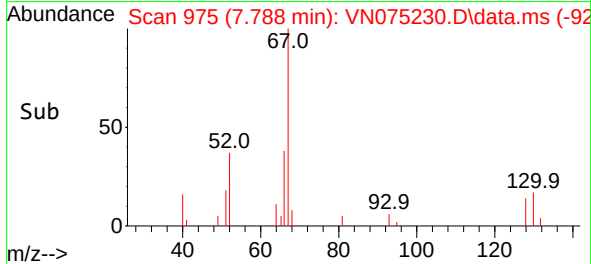
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



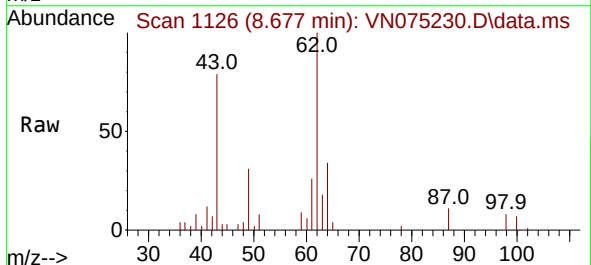
Tgt Ion: 41 Resp: 1695
Ion Ratio Lower Upper
41 100
39 62.0 44.4 66.6
67 94.8 69.8 104.6
52 37.3 27.3 40.9

Manual Integrations
APPROVED

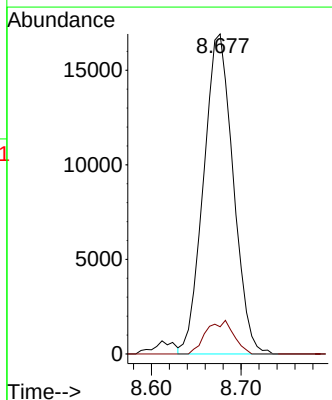
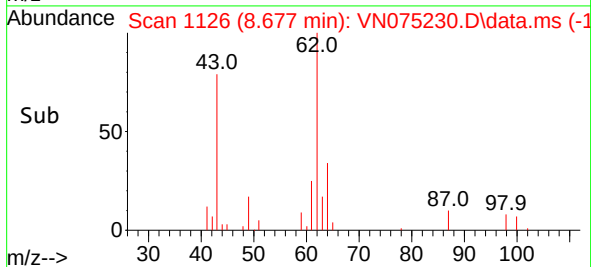
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

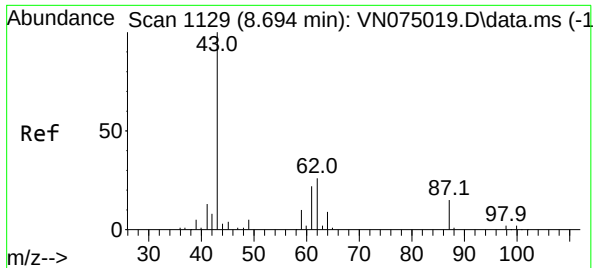


#42
1,2-Dichloroethane
Concen: 18.571 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 62 Resp: 38743
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 17.724 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

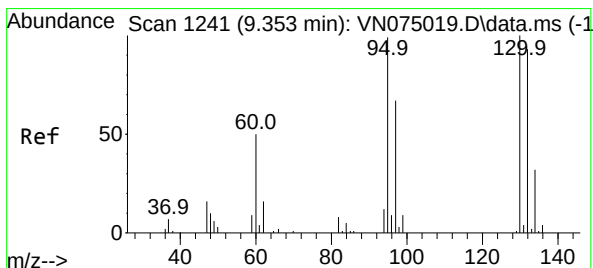
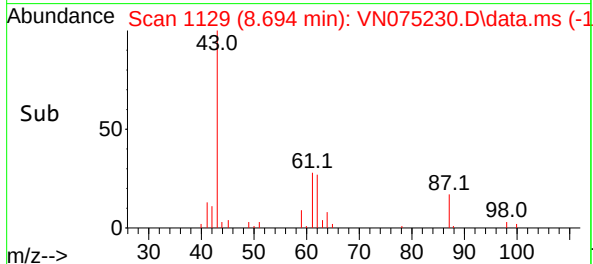
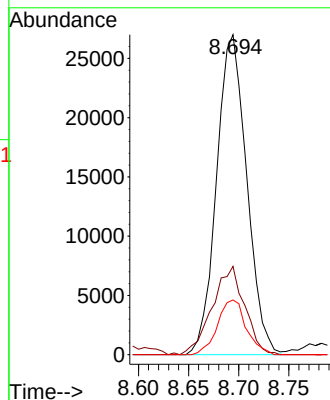
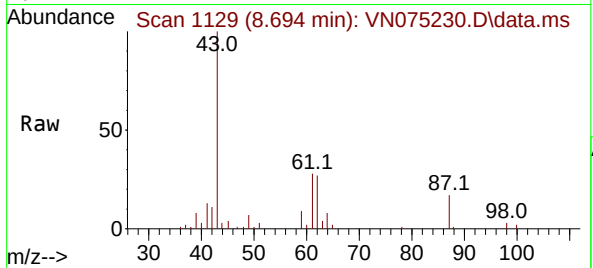
Tgt Ion: 43	Resp: 5646
Ion Ratio	Lower Upper
43	100
61	29.6 22.4 33.6
87	16.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#44

Trichloroethene

Concen: 19.994 ug/l

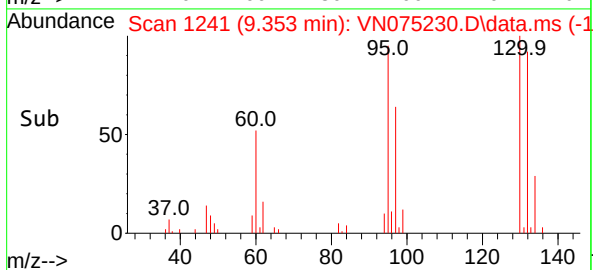
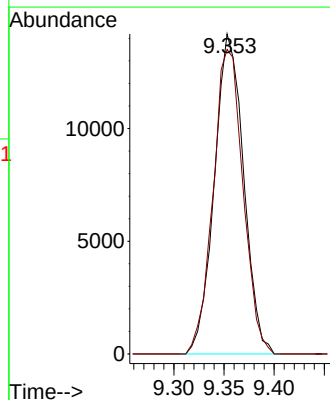
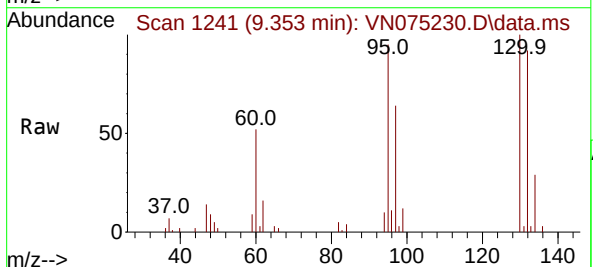
RT: 9.353 min Scan# 1241

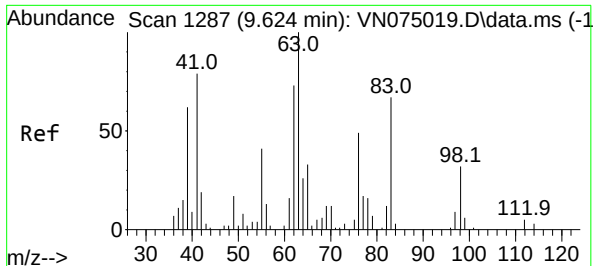
Delta R.T. 0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Tgt Ion:130	Resp: 28763
Ion Ratio	Lower Upper
130	100
95	95.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.568 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 63 Resp: 2670

Ion Ratio Lower Upper

63 100

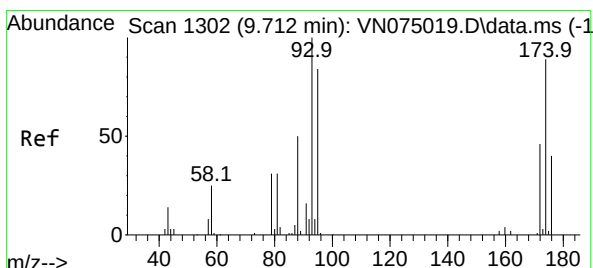
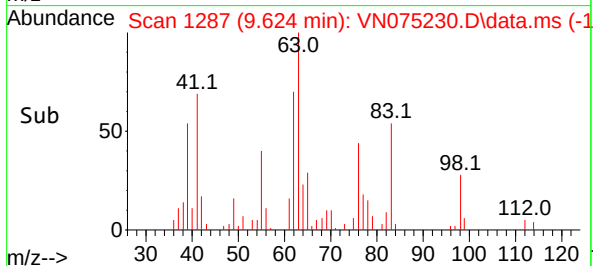
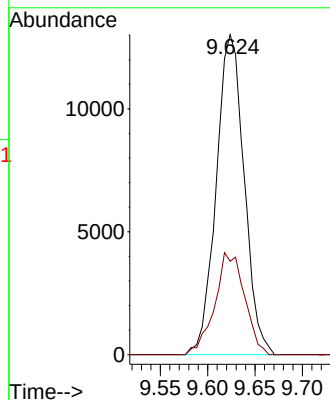
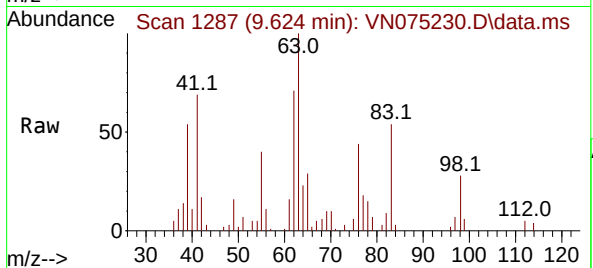
65 29.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Dibromomethane

Concen: 19.088 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

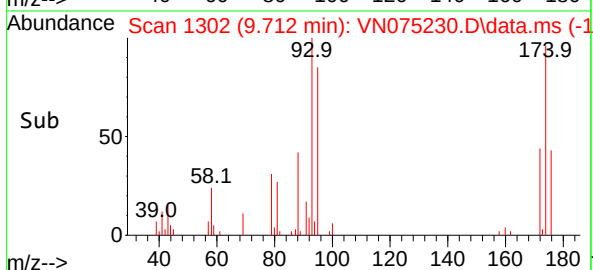
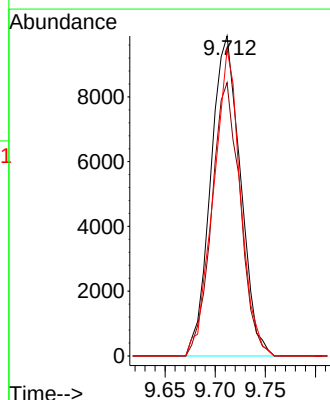
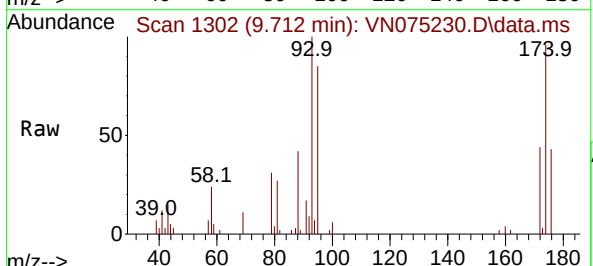
Tgt Ion: 93 Resp: 20293

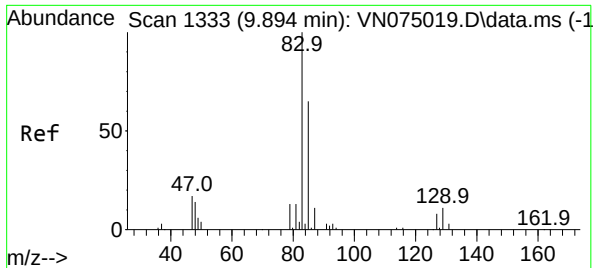
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 87.5 70.3 105.5





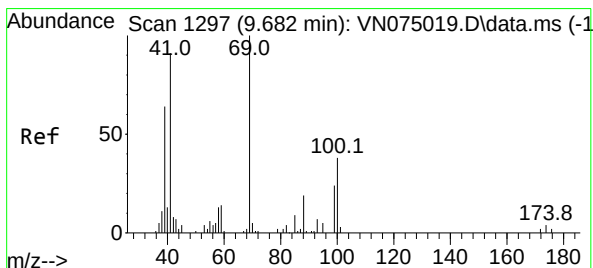
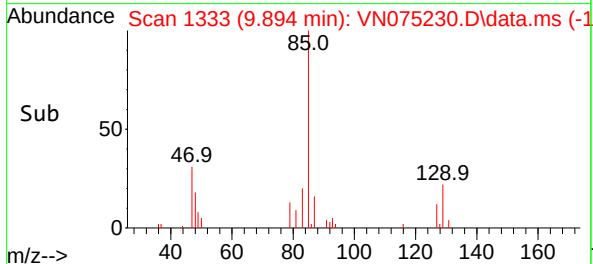
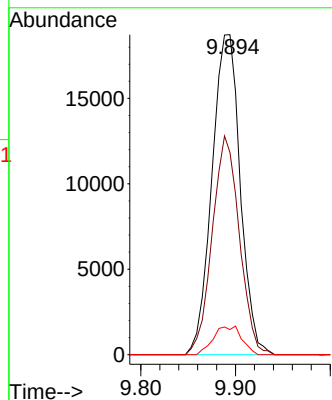
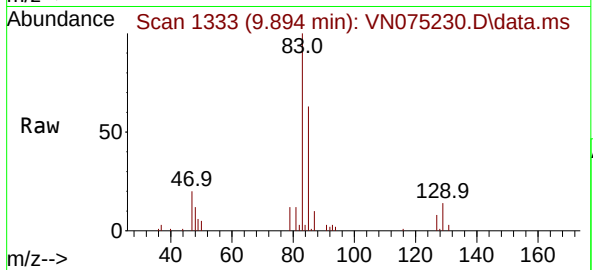
#47
Bromodichloromethane
Concen: 18.889 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 83 Resp: 38889
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1
127 7.8 6.6 10.0

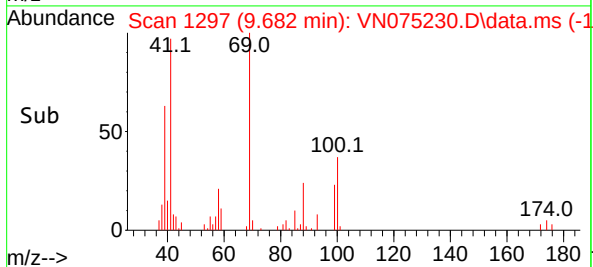
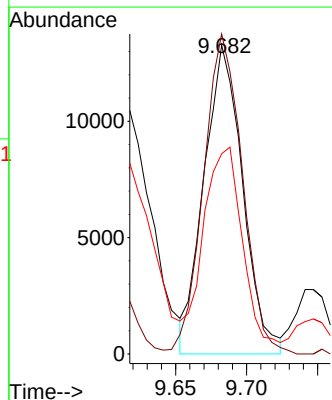
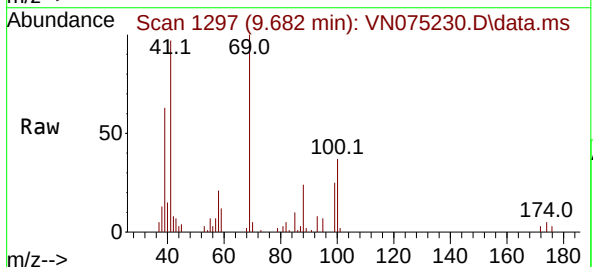
Manual Integrations
APPROVED

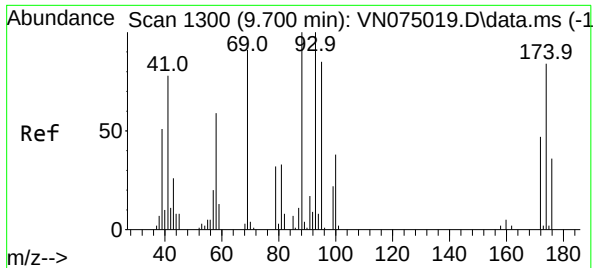
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
Methyl methacrylate
Concen: 17.203 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

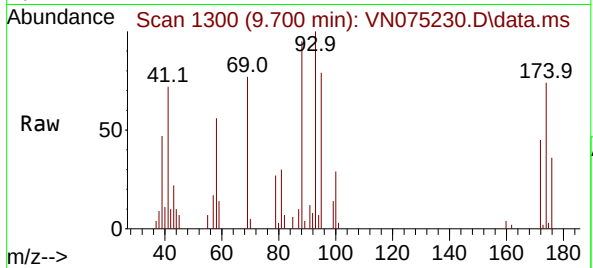
Tgt Ion: 41 Resp: 25139
Ion Ratio Lower Upper
41 100
69 104.2 80.2 120.2
39 69.3 56.2 84.2





#49
1,4-Dioxane
Concen: 392.222 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

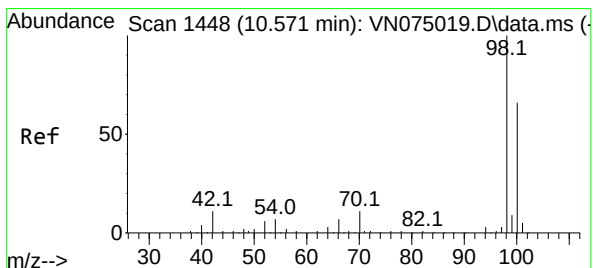
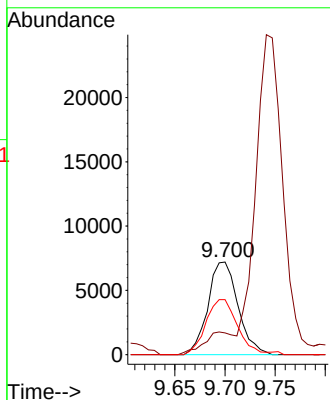
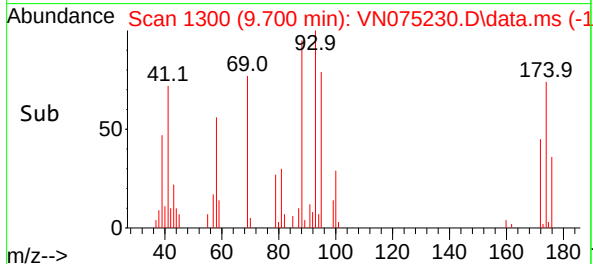
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 88 Resp: 15009
Ion Ratio Lower Upper
88 100
43 22.2 17.5 26.3
58 63.1 49.8 74.8

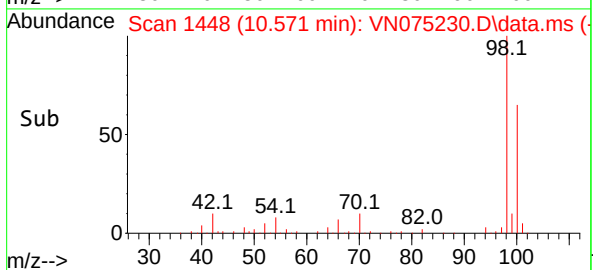
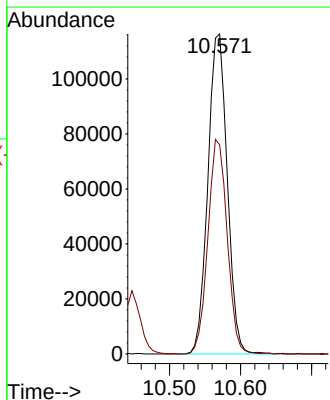
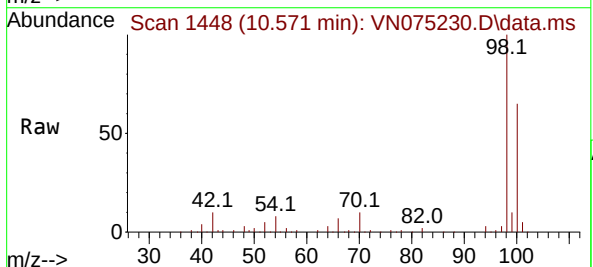
Manual Integrations
APPROVED

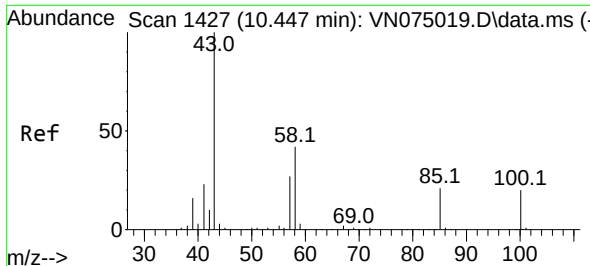
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#50
Toluene-d8
Concen: 46.986 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 98 Resp: 220507
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6





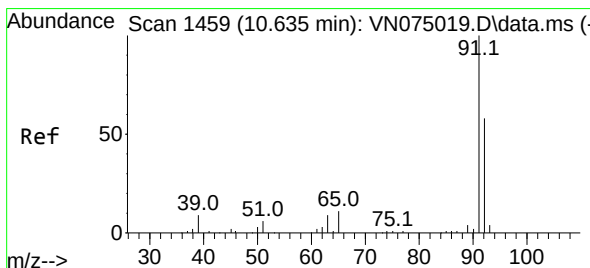
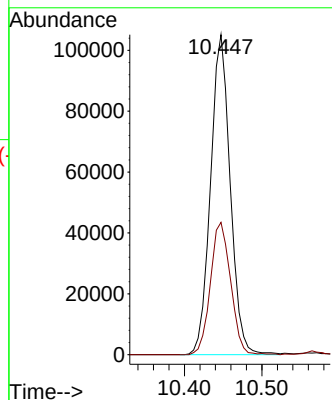
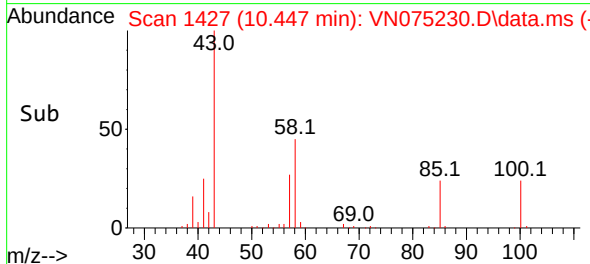
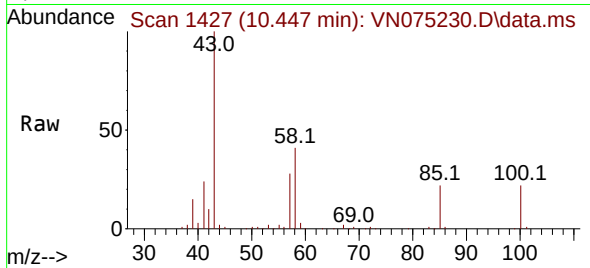
#51
4-Methyl-2-Pentanone
Concen: 90.362 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 43 Resp: 18576
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

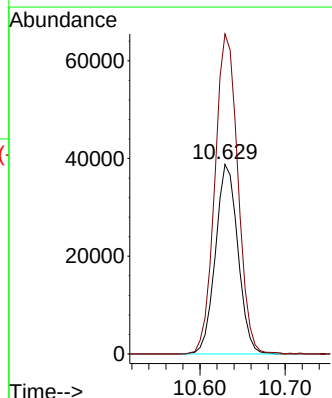
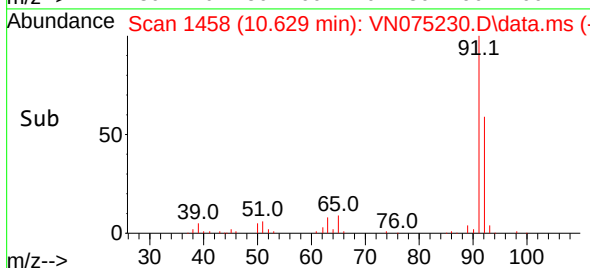
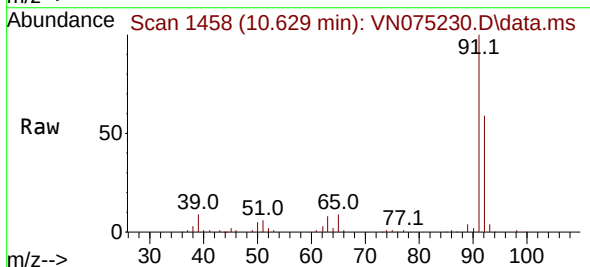
Manual Integrations
APPROVED

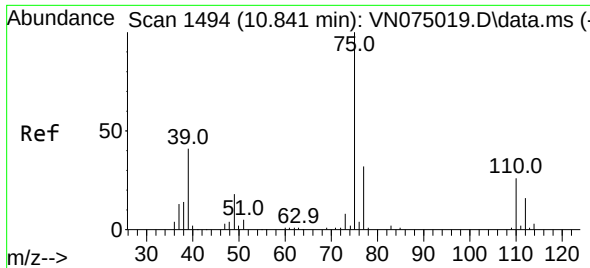
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Toluene
Concen: 18.502 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

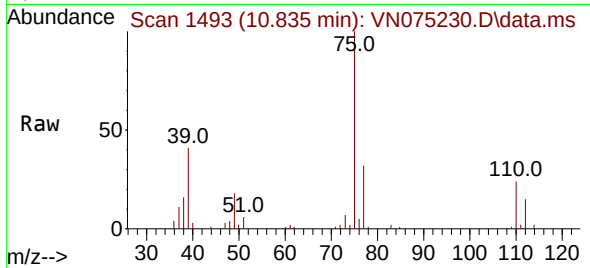
Tgt Ion: 92 Resp: 70919
Ion Ratio Lower Upper
92 100
91 173.4 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 18.360 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

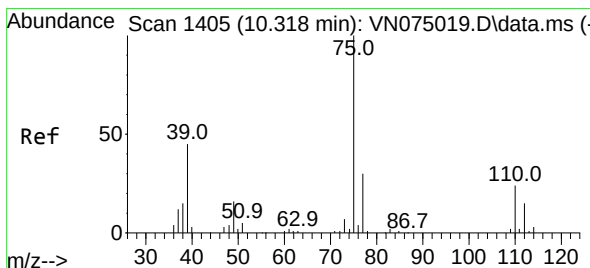
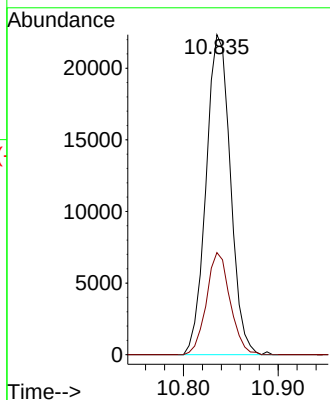
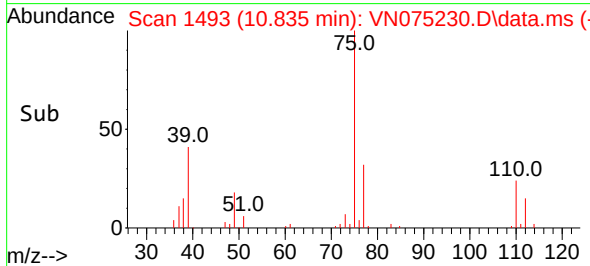
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01



Tgt Ion: 75 Resp: 3989
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2

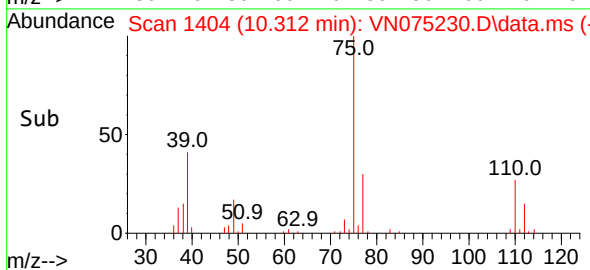
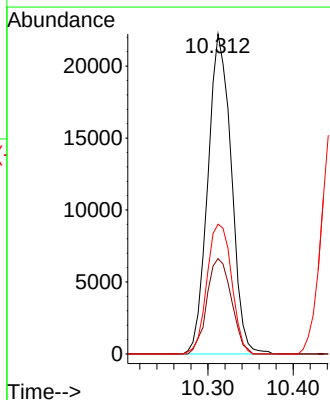
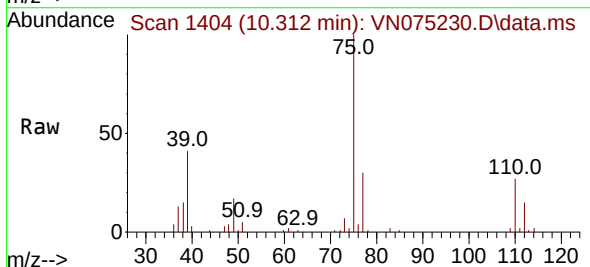
Manual Integrations
 APPROVED

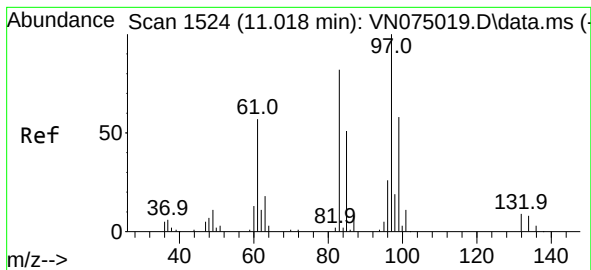
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.494 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

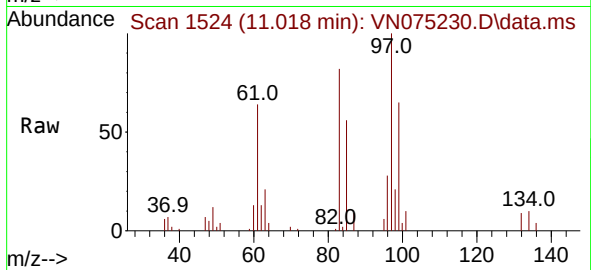
Tgt Ion: 75 Resp: 42626
 Ion Ratio Lower Upper
 75 100
 77 29.8 23.7 35.5
 39 40.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.308 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

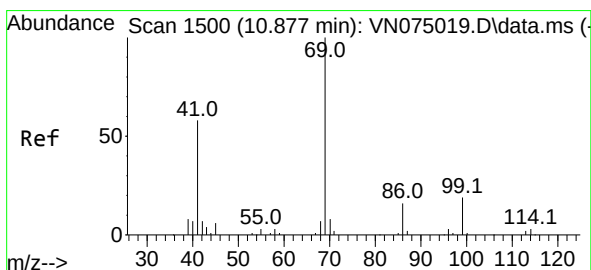
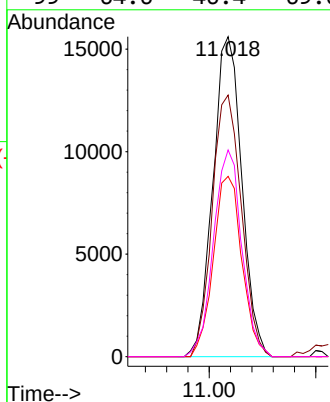
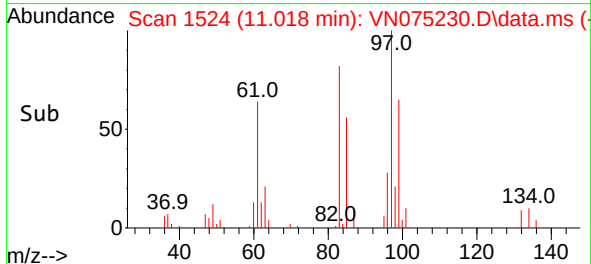


Tgt Ion: 97 Resp: 2934

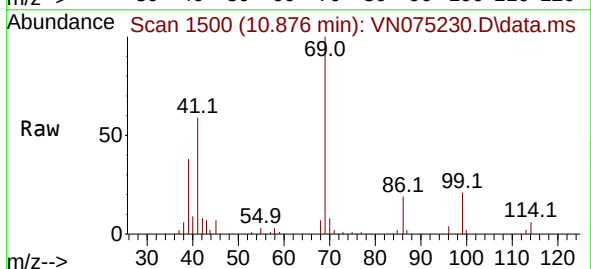
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.9	98.9
85	56.3	40.4	60.6
99	64.6	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

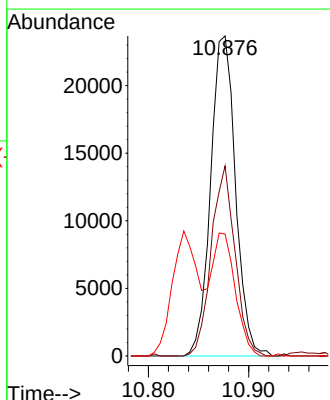
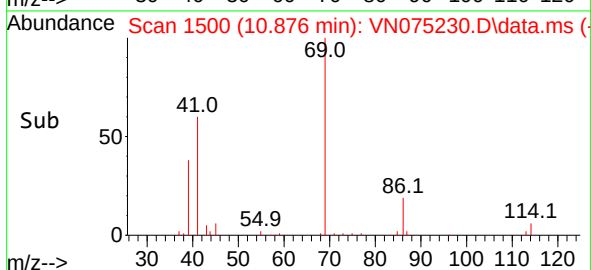


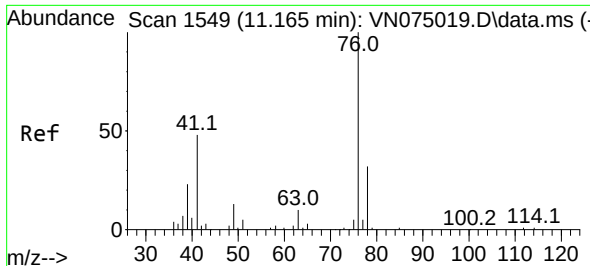
#56
Ethyl methacrylate
Concen: 17.618 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 69 Resp: 40844

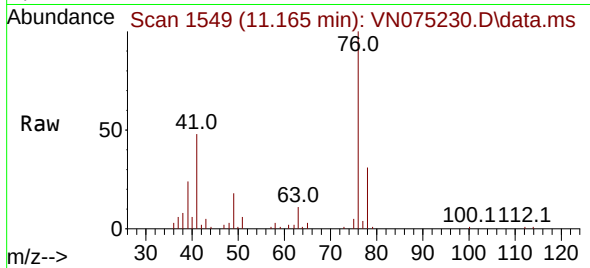
Ion	Ratio	Lower	Upper
69	100		
41	56.8	45.6	68.4
39	38.4	28.5	42.7





#57
1,3-Dichloropropane
Concen: 19.064 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

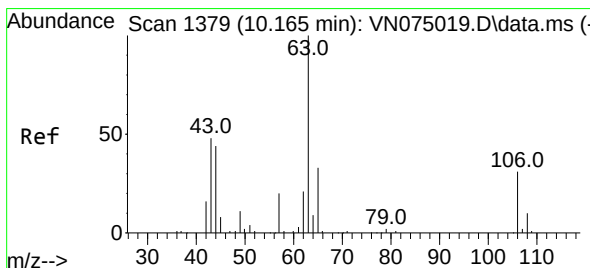
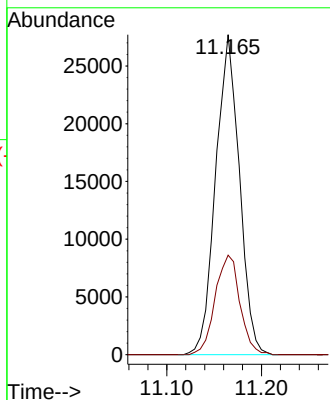
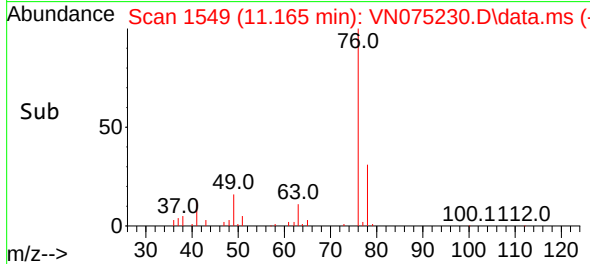
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 76 Resp: 4825
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6

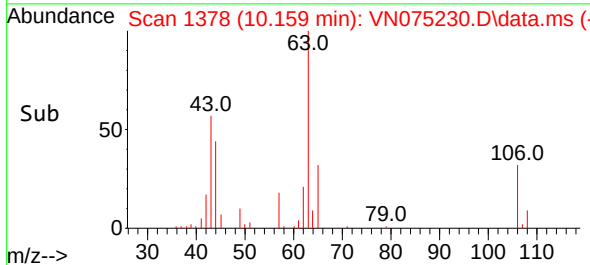
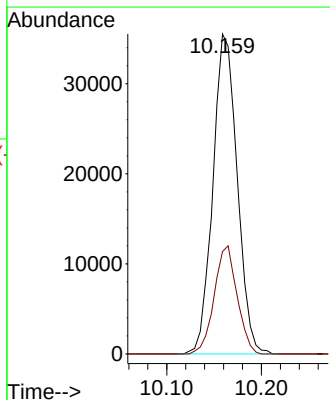
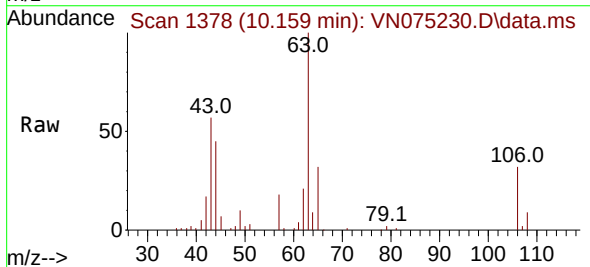
Manual Integrations
APPROVED

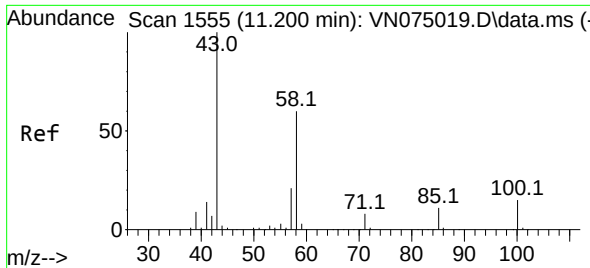
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#58
2-Chloroethyl Vinyl ether
Concen: 70.720 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion: 63 Resp: 63383
Ion Ratio Lower Upper
63 100
106 31.8 24.8 37.2





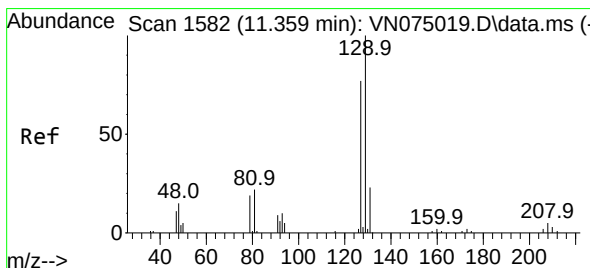
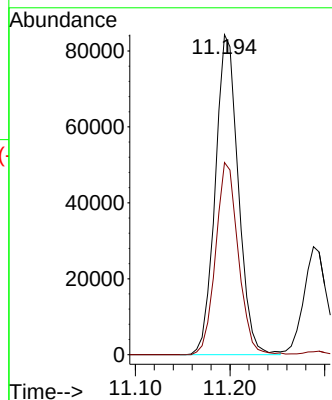
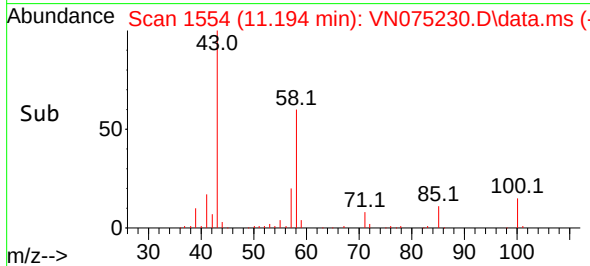
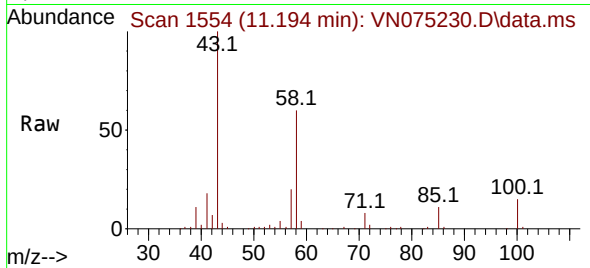
#59
2-Hexanone
Concen: 91.249 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 43 Resp: 142370
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.8

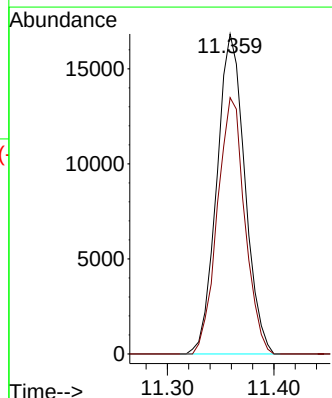
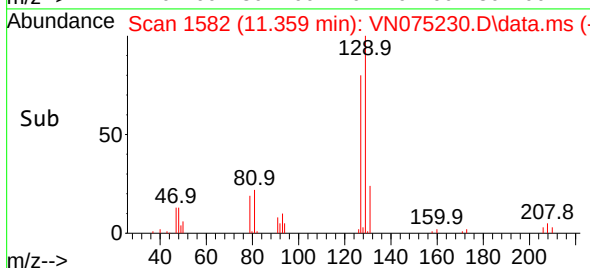
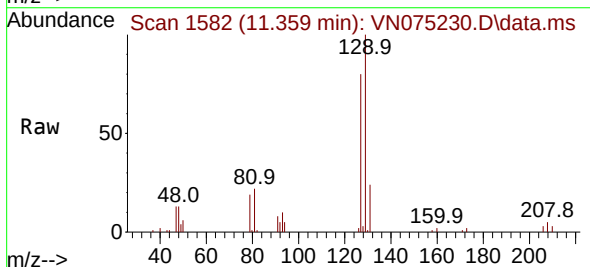
Manual Integrations
APPROVED

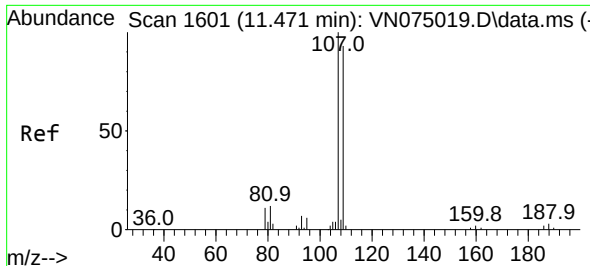
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
Dibromochloromethane
Concen: 19.186 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

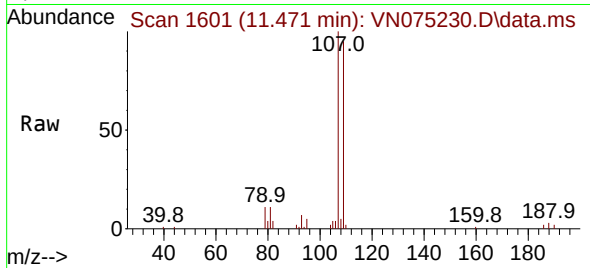
Tgt Ion:129 Resp: 30765
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.053 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

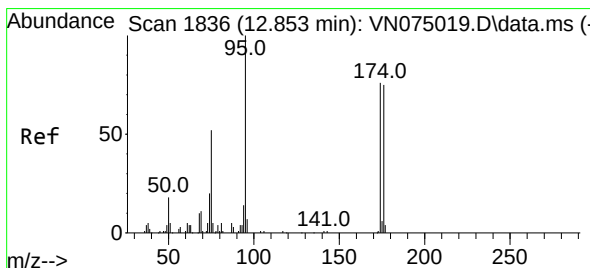
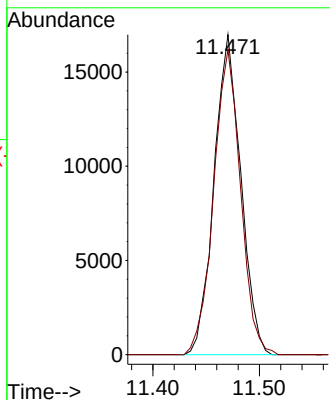
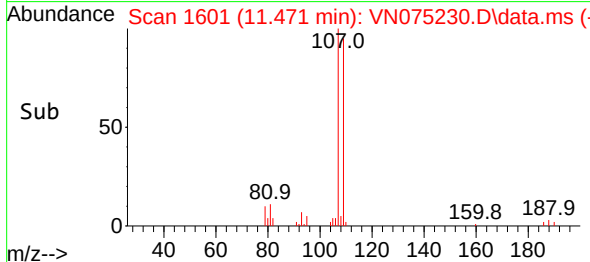
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



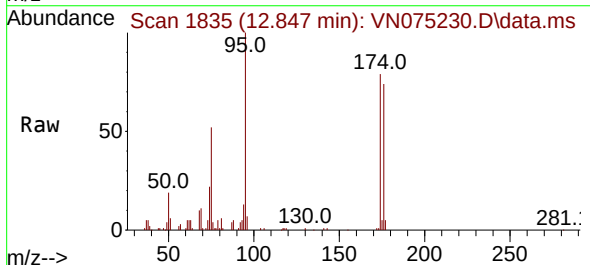
Tgt Ion:107 Resp: 29670
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
APPROVED

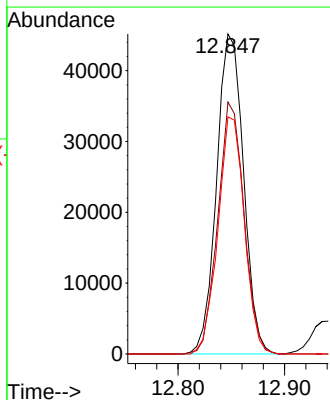
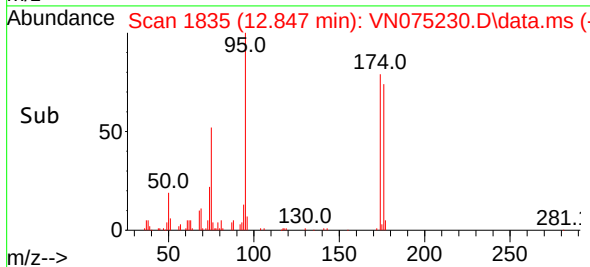
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

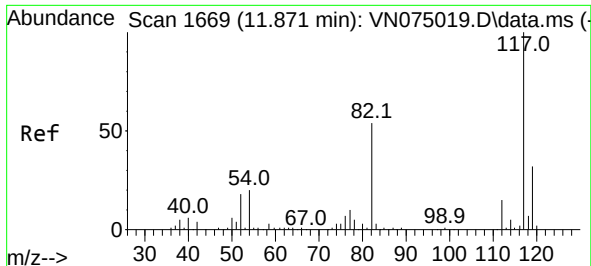


#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 95 Resp: 79208
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 72.6 0.0 142.2





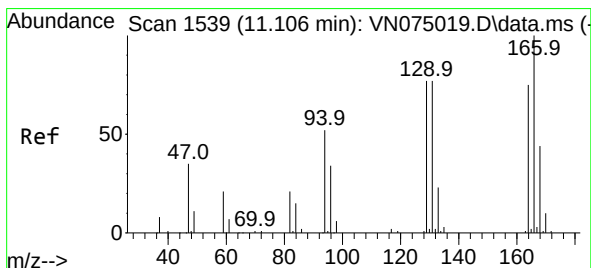
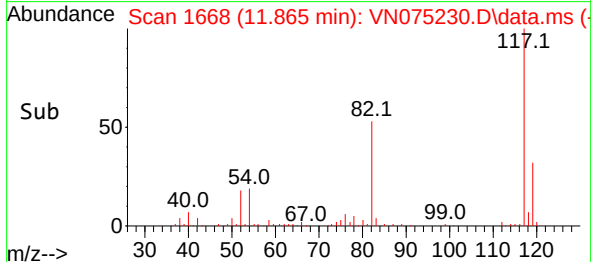
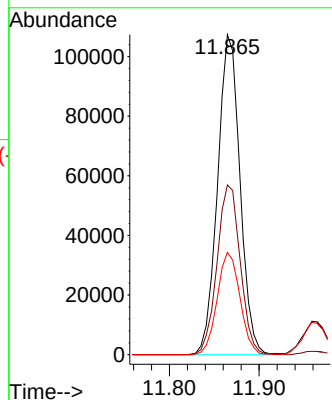
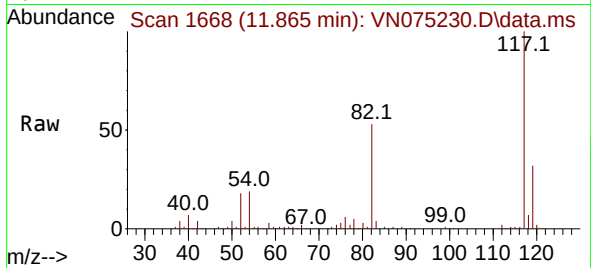
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:117 Resp: 18638
Ion Ratio Lower Upper
117 100
82 53.0 43.1 64.7
119 32.0 25.5 38.3

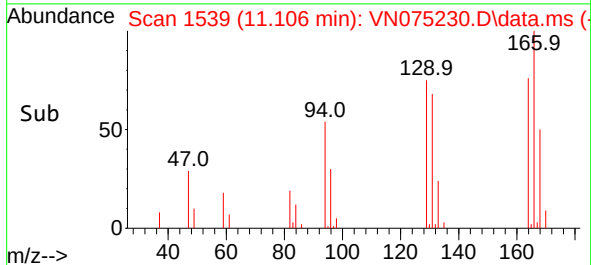
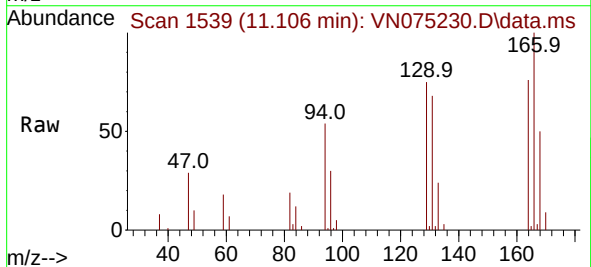
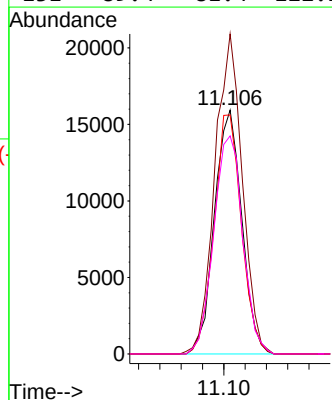
Manual Integrations
APPROVED

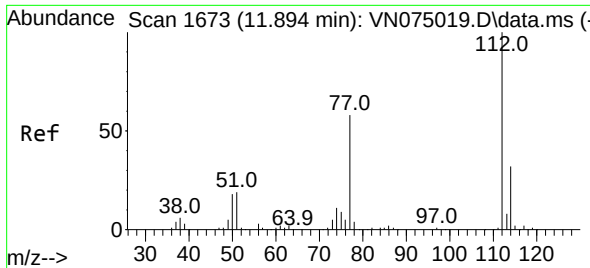
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Tetrachloroethene
Concen: 24.857 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Tgt Ion:164 Resp: 28403
Ion Ratio Lower Upper
164 100
166 131.3 106.5 159.7
129 98.0 81.9 122.9
131 89.4 81.4 122.2





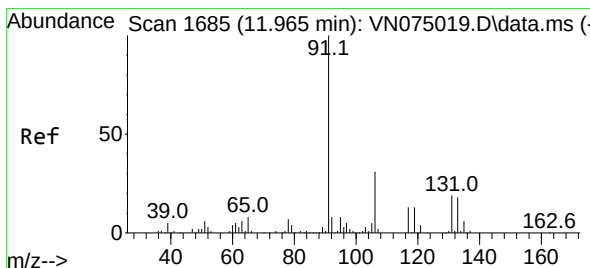
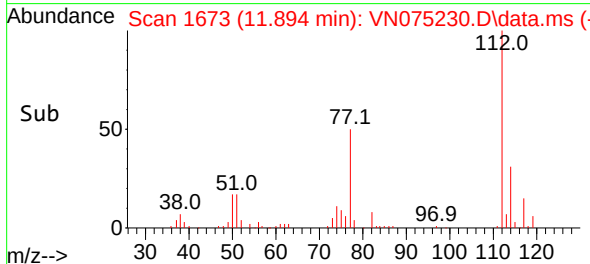
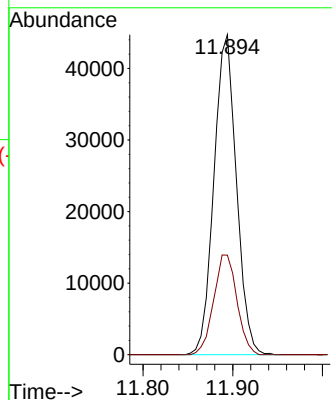
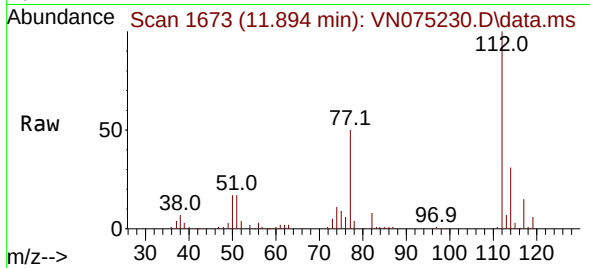
#65
Chlorobenzene
Concen: 19.540 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:112 Resp: 7773
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

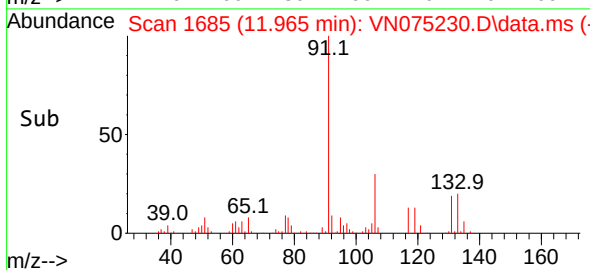
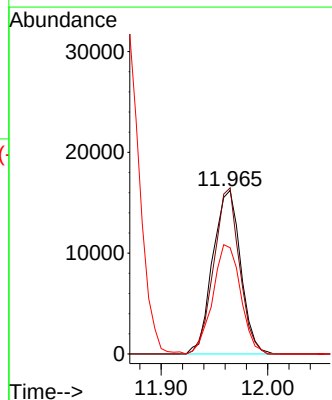
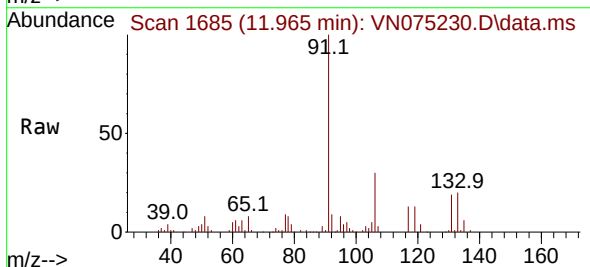
Manual Integrations
APPROVED

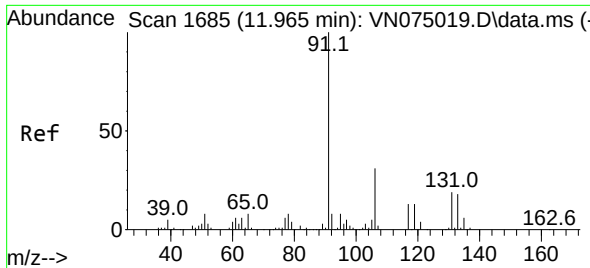
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

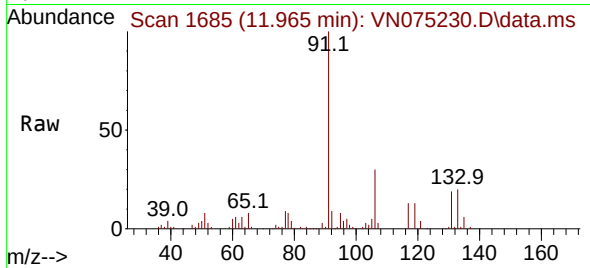
Tgt Ion:131 Resp: 29453
Ion Ratio Lower Upper
131 100
133 93.4 47.8 143.4
119 66.8 33.0 99.0





#67
Ethyl Benzene
Concen: 19.252 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

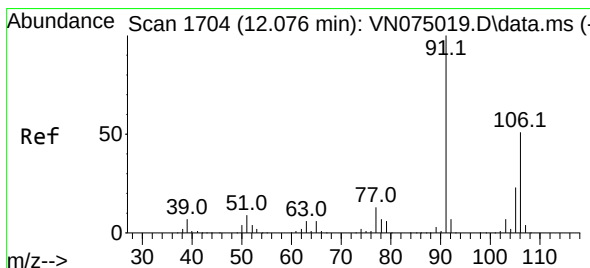
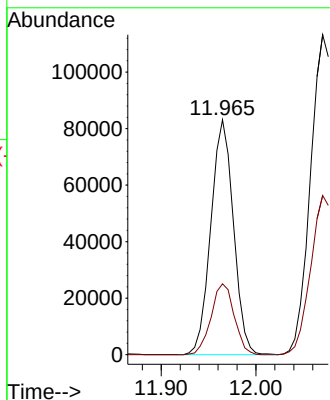
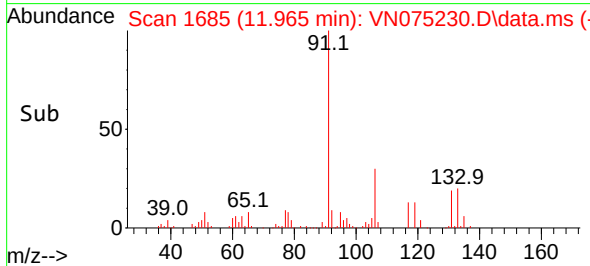
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



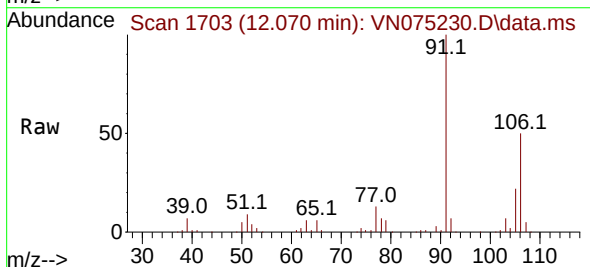
Tgt Ion: 91 Resp: 137800
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Manual Integrations
APPROVED

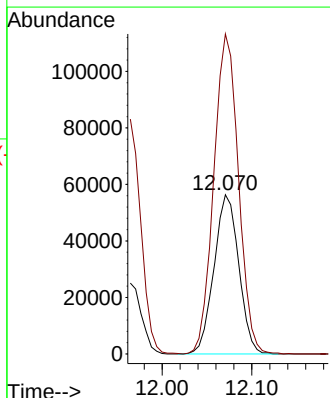
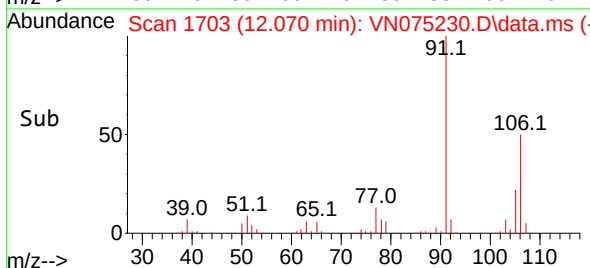
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

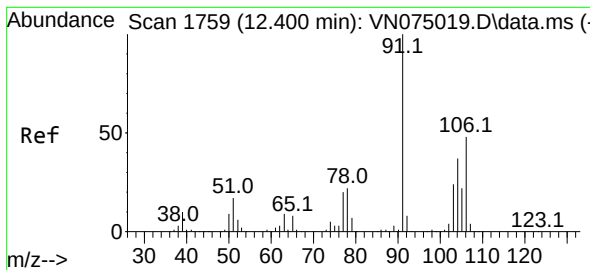


#68
m/p-Xylenes
Concen: 37.582 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion:106 Resp: 107935
Ion Ratio Lower Upper
106 100
91 200.6 156.0 234.0





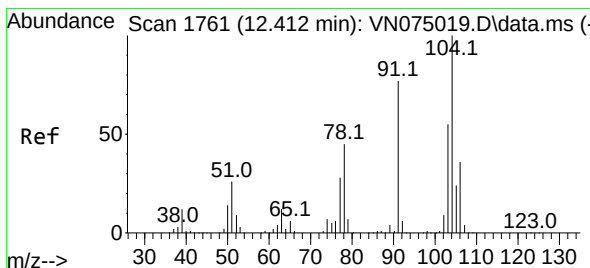
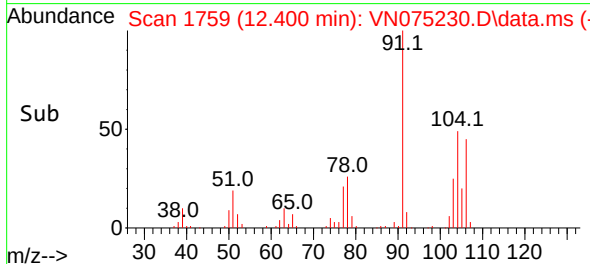
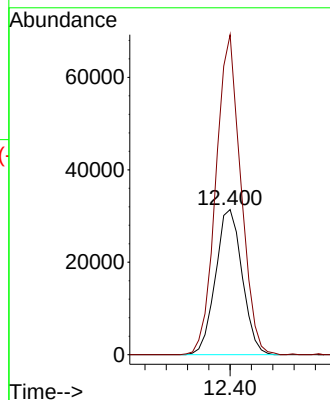
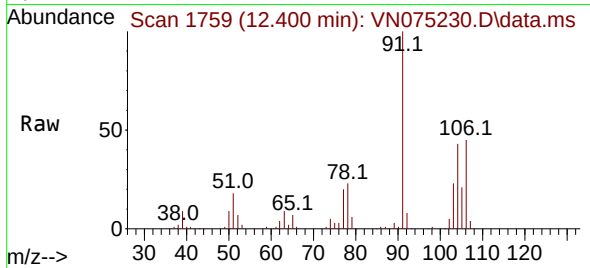
#69
o-Xylene
Concen: 19.175 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:106 Resp: 5446
Ion Ratio Lower Upper
106 100
91 206.7 105.2 315.5

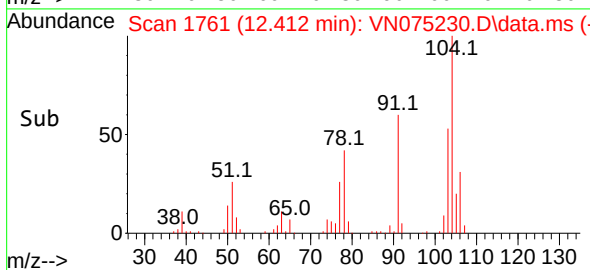
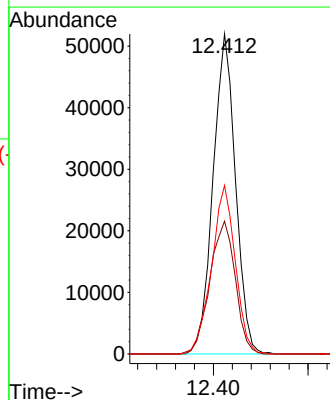
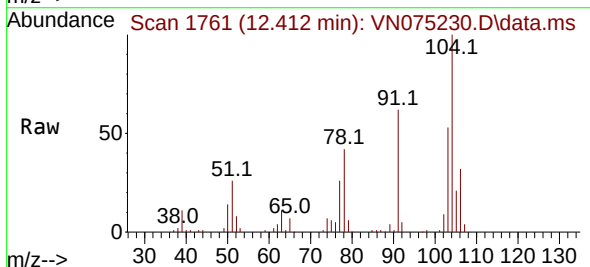
Manual Integrations
APPROVED

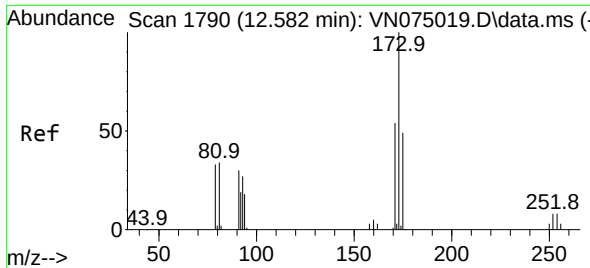
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Styrene
Concen: 18.896 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

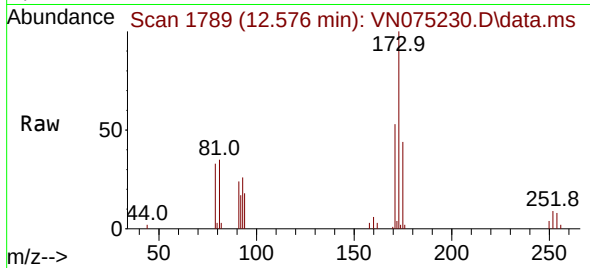
Tgt Ion:104 Resp: 85573
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 55.6 44.6 66.8





#71
Bromoform
Concen: 18.453 ug/l
RT: 12.576 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

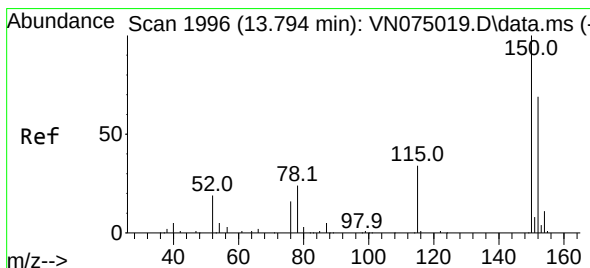
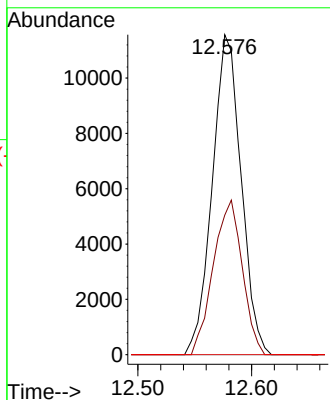
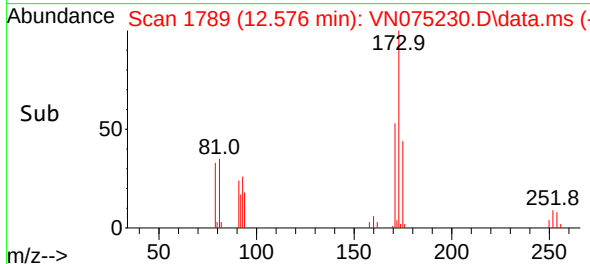
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



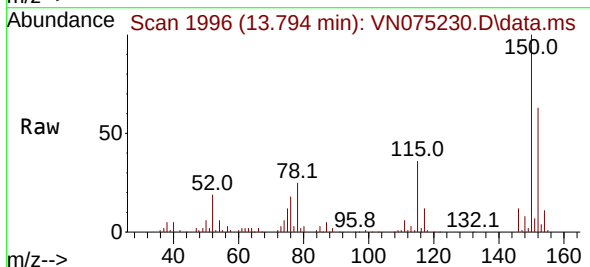
Tgt Ion:173 Resp: 20389
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

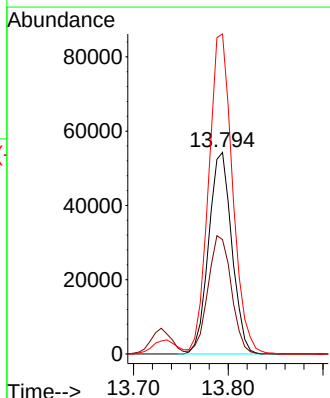
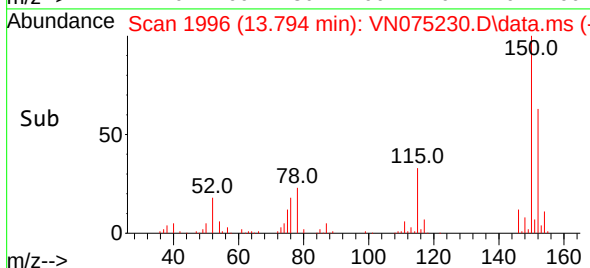
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

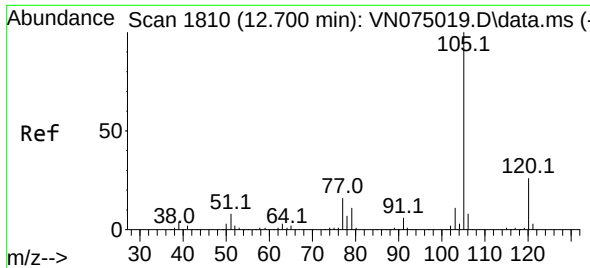


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



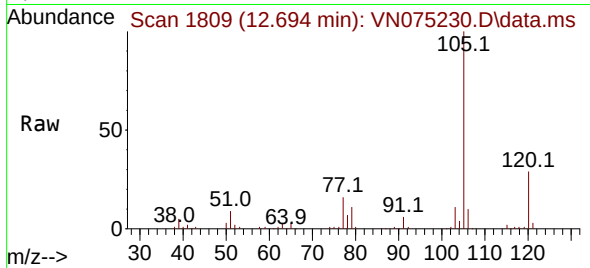
Tgt Ion:152 Resp: 92148
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 164.3 0.0 348.4





#73
Isopropylbenzene
Concen: 18.855 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

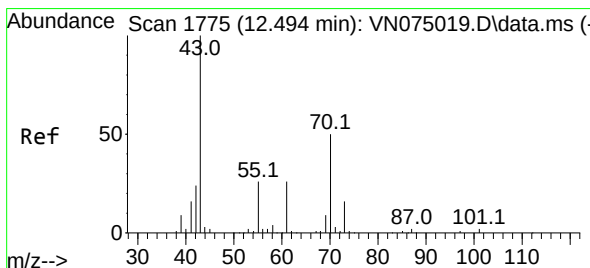
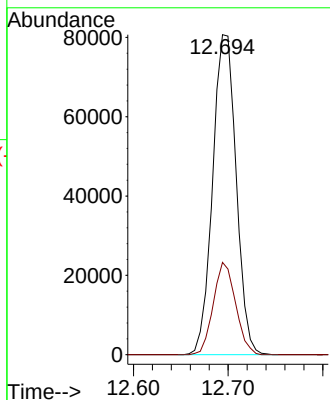
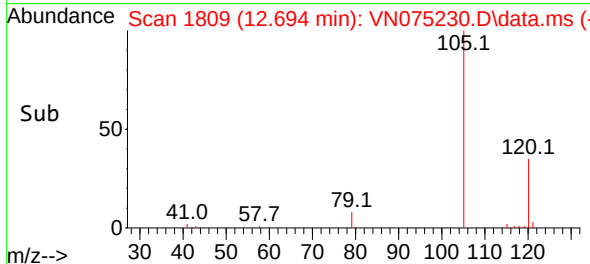
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



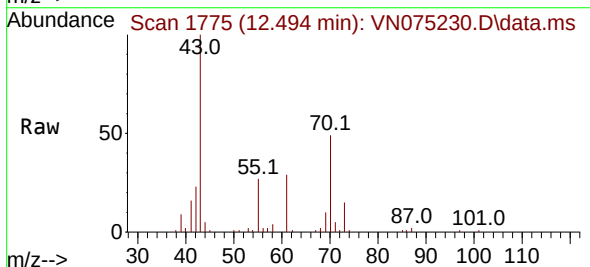
Tgt Ion:105 Resp: 13948
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

Manual Integrations
APPROVED

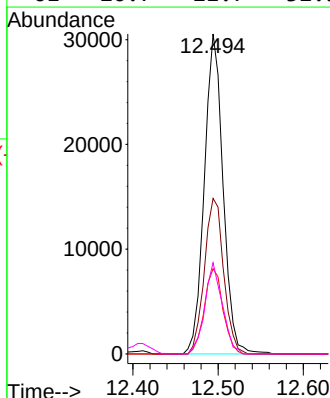
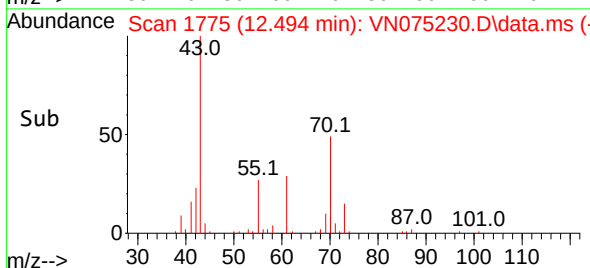
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

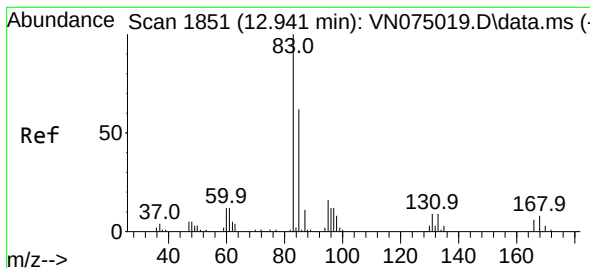


#74
N-ethyl acetate
Concen: 17.033 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 43 Resp: 46604
Ion Ratio Lower Upper
43 100
70 50.0 39.8 59.8
55 26.6 19.9 29.9
61 26.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.225 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

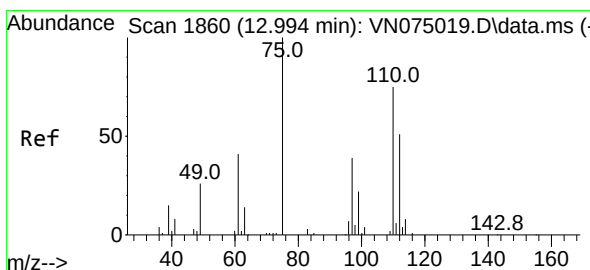
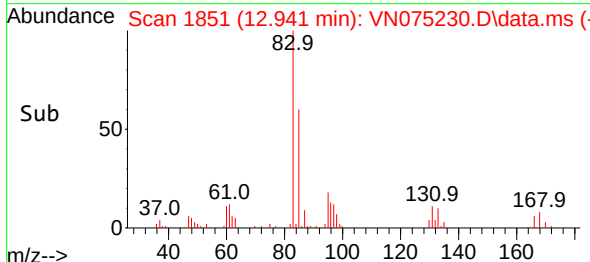
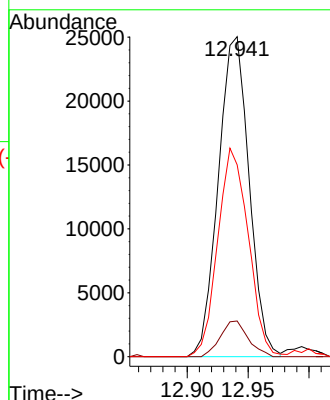
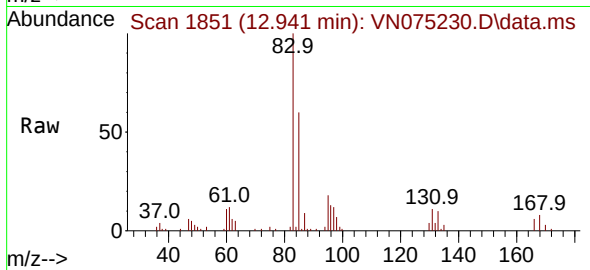
Tgt Ion: 83	Resp: 4405
Ion Ratio	Lower Upper
83 100	
131 10.1	5.1 15.3
85 64.8	31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#76

1,2,3-Trichloropropane

Concen: 19.523 ug/l m

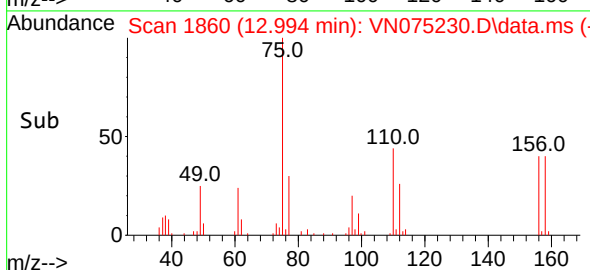
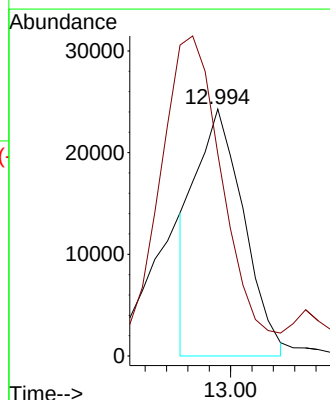
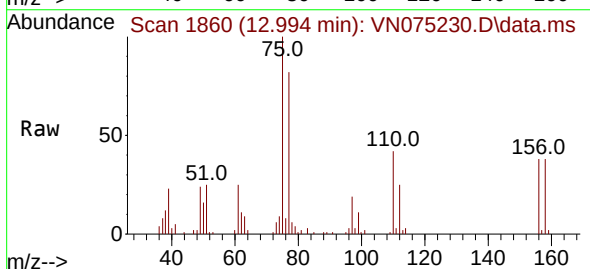
RT: 12.994 min Scan# 1860

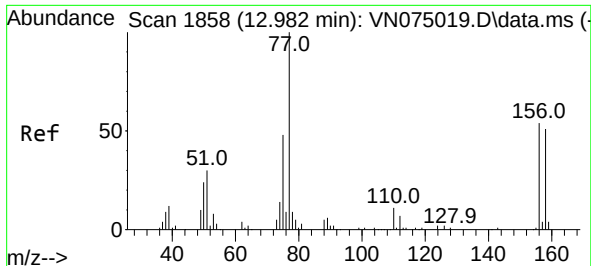
Delta R.T. -0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

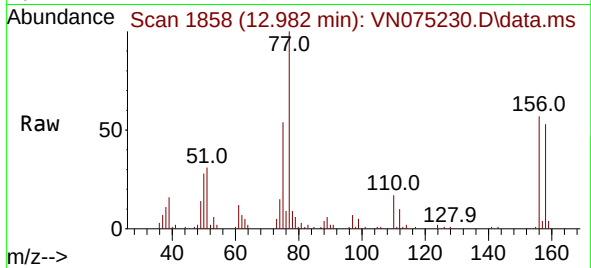
Tgt Ion: 75	Resp: 38197
Ion Ratio	Lower Upper
75 100	
77 171.8	75.6 226.8





#77
Bromobenzene
Concen: 19.321 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

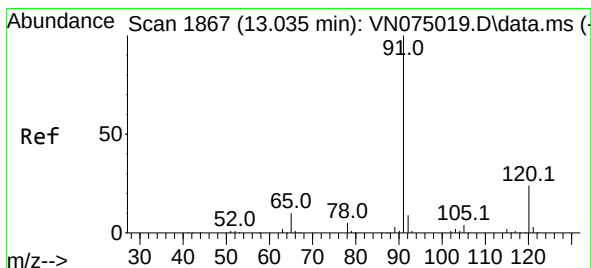
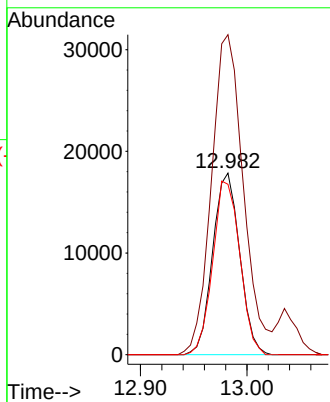
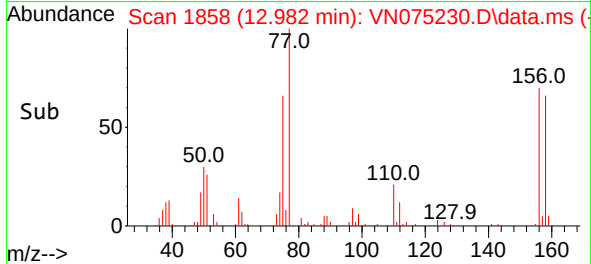
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



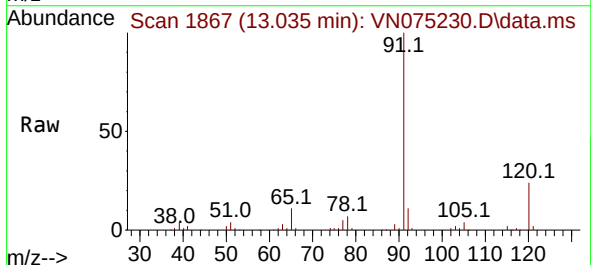
Tgt Ion:156 Resp: 31472
Ion Ratio Lower Upper
156 100
77 208.5 108.5 325.5
158 95.8 47.7 143.1

Manual Integrations
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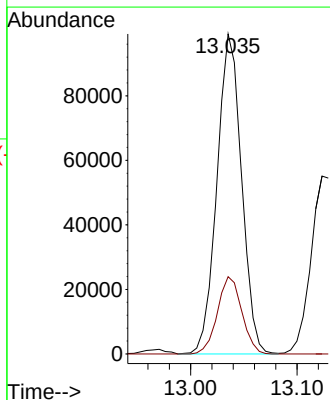
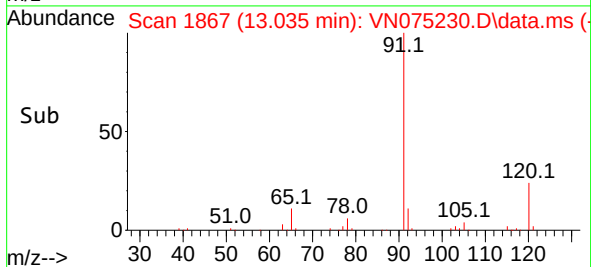
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

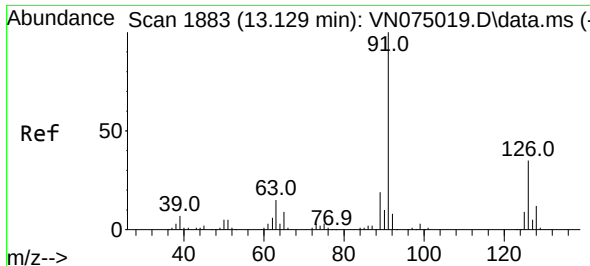


#78
n-propylbenzene
Concen: 19.143 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion: 91 Resp: 159000
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





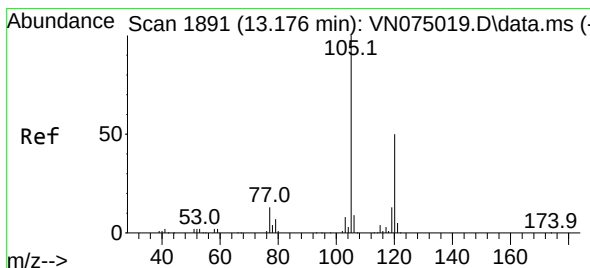
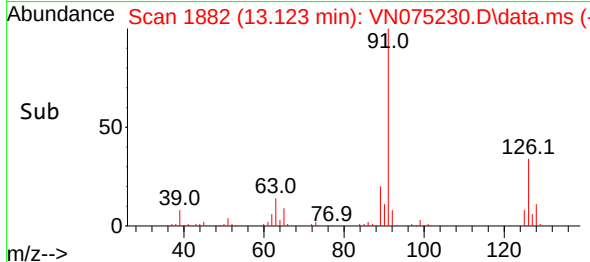
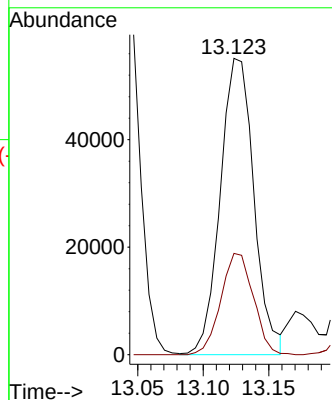
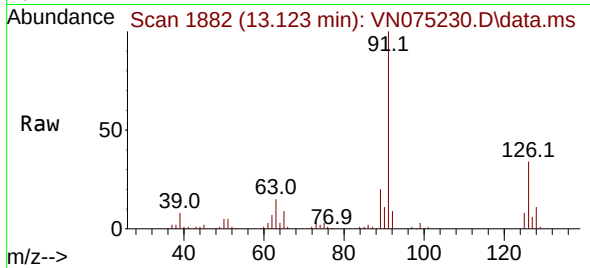
#79
2-Chlorotoluene
Concen: 19.406 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 91 Resp: 98490
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7

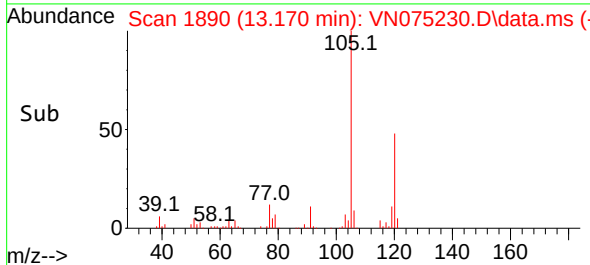
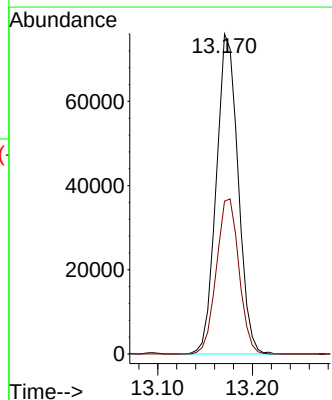
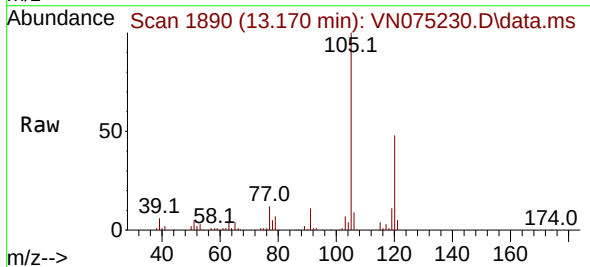
Manual Integrations
APPROVED

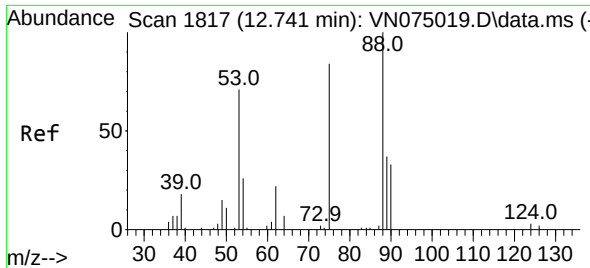
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.569 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

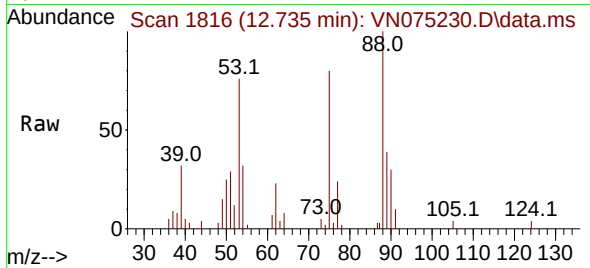
Tgt Ion:105 Resp: 121591
Ion Ratio Lower Upper
105 100
120 50.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.795 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

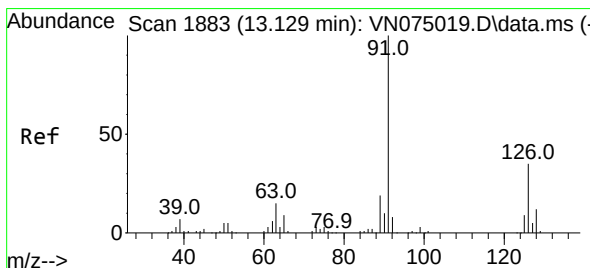
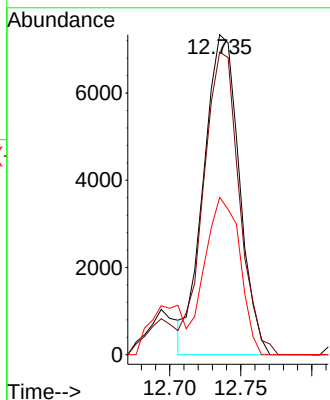
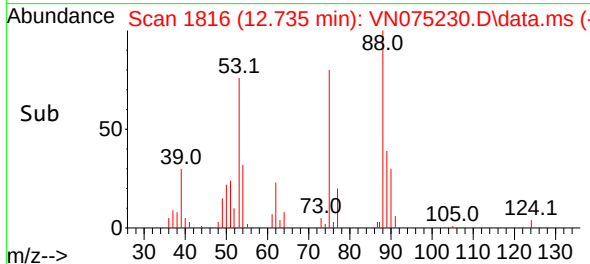
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 75 Resp: 1280
Ion Ratio Lower Upper
75 100
53 94.7 78.5 117.7
89 48.2 37.7 56.5

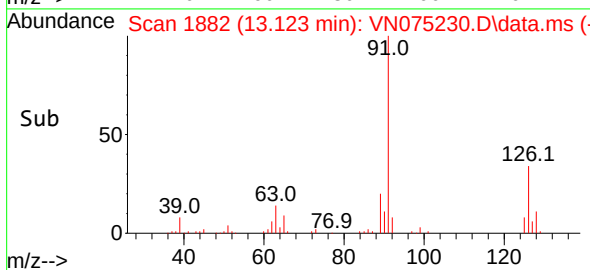
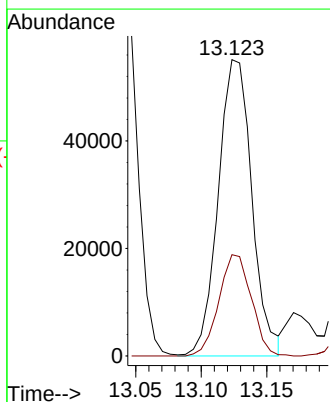
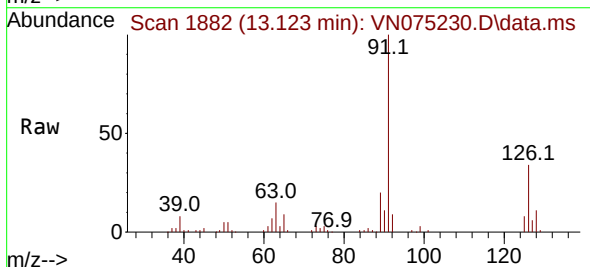
Manual Integrations
APPROVED

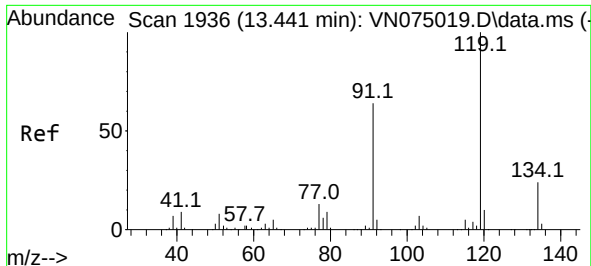
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#82
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

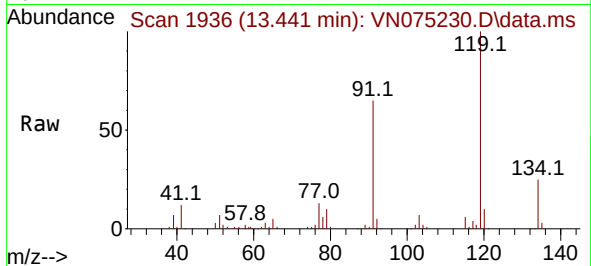
Tgt Ion: 91 Resp: 98496
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.262 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

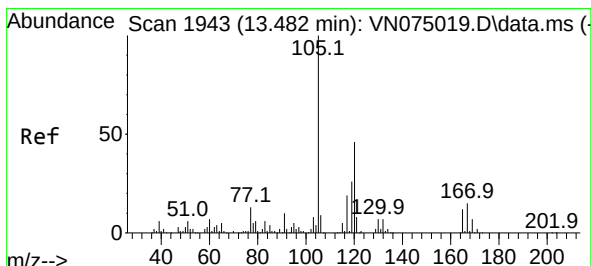
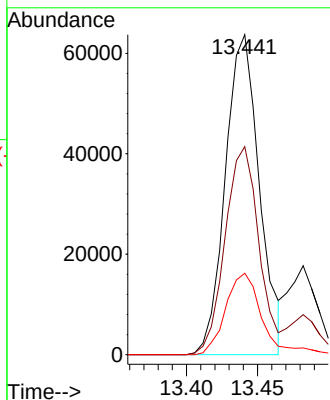
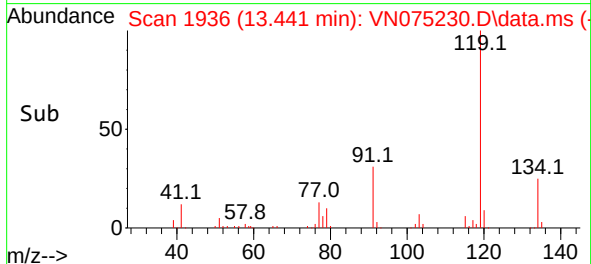
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



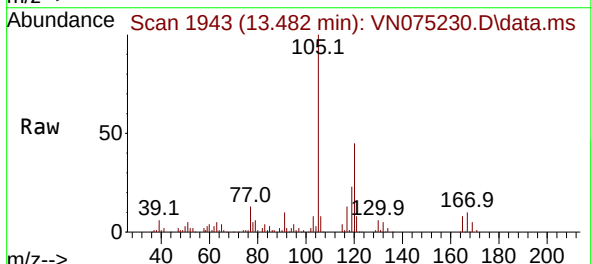
Tgt Ion:119 Resp: 10634
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.4
134 27.2 12.3 36.9

Manual Integrations
APPROVED

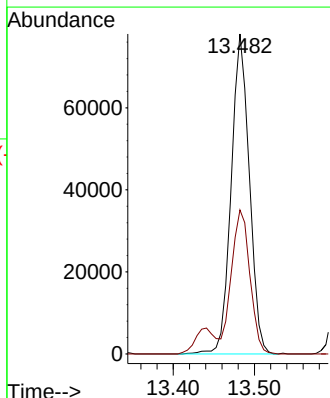
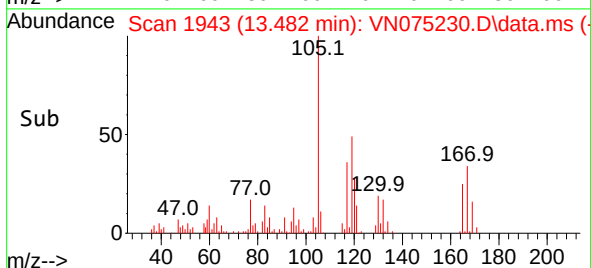
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

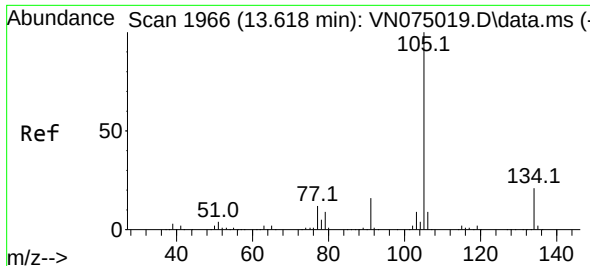


#84
1,2,4-Trimethylbenzene
Concen: 19.220 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion:105 Resp: 120834
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





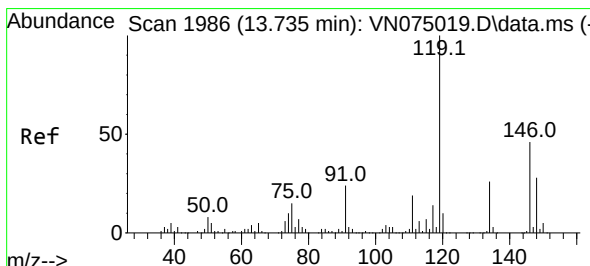
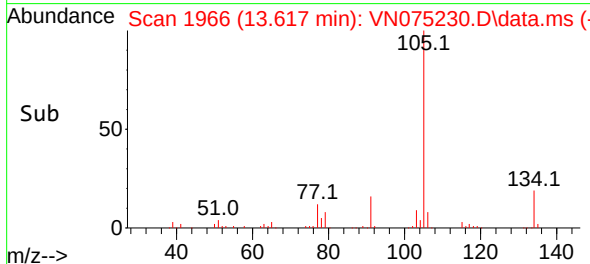
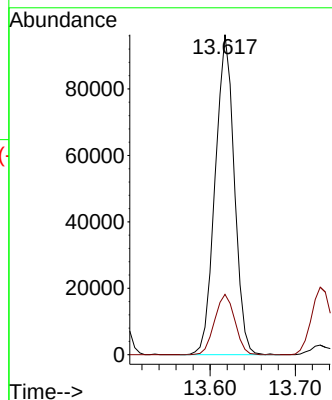
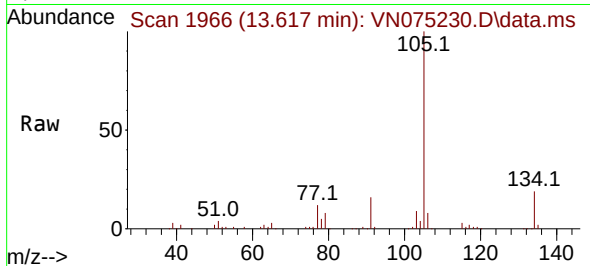
#85
 sec-Butylbenzene
 Concen: 19.408 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tgt Ion:105 Resp: 149902
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

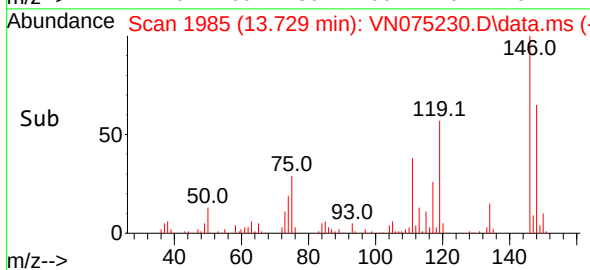
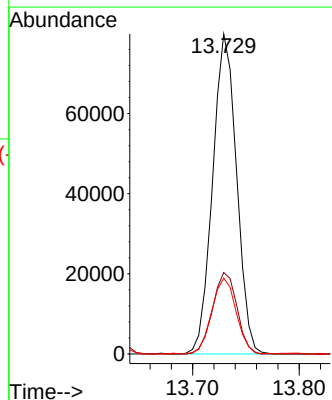
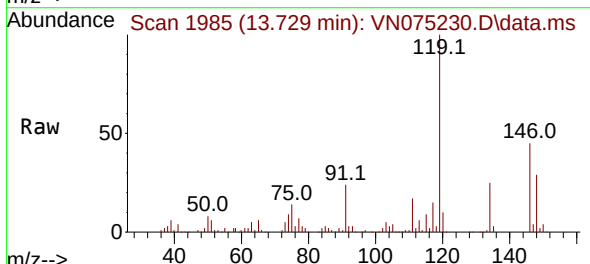
Manual Integrations
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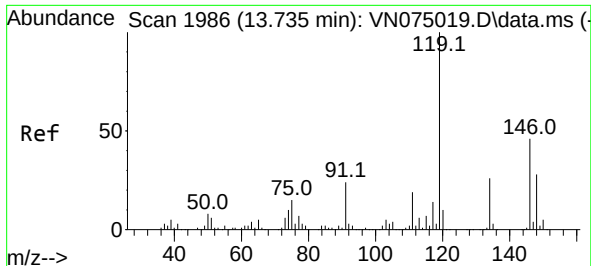
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#86
 p-Isopropyltoluene
 Concen: 19.523 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075230.D
 Acq: 10 Nov 2022 12:57

Tgt Ion:119 Resp: 124533
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.623 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion:146 Resp: 6258

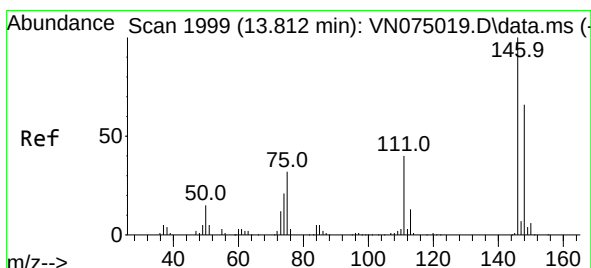
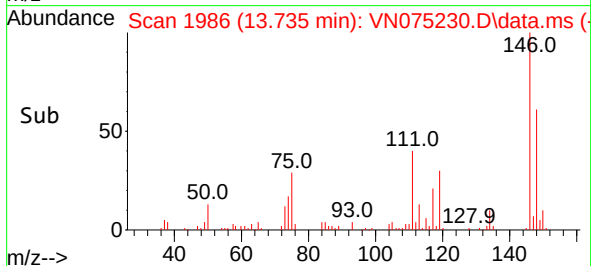
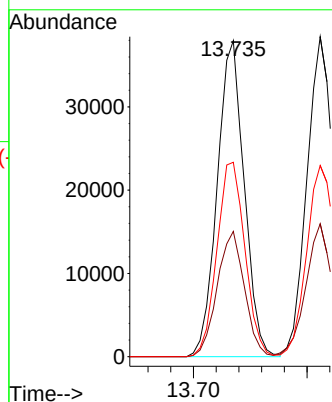
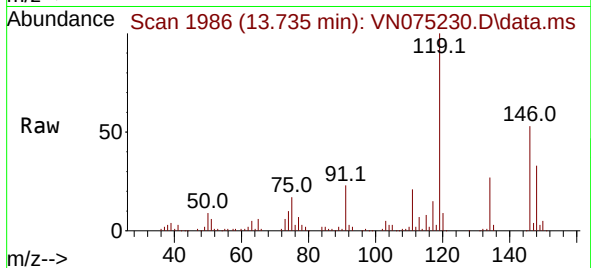
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.8	62.5
148	63.8	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#88

1,4-Dichlorobenzene

Concen: 20.037 ug/l

RT: 13.812 min Scan# 1999

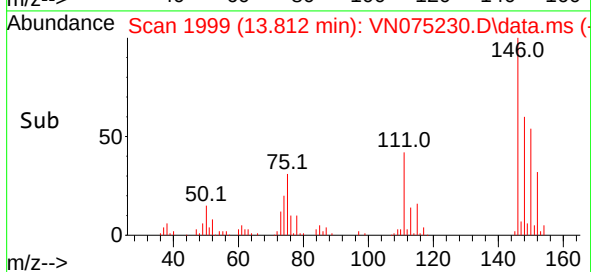
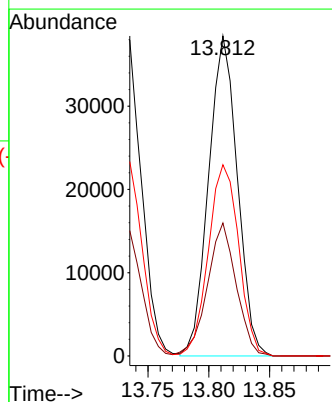
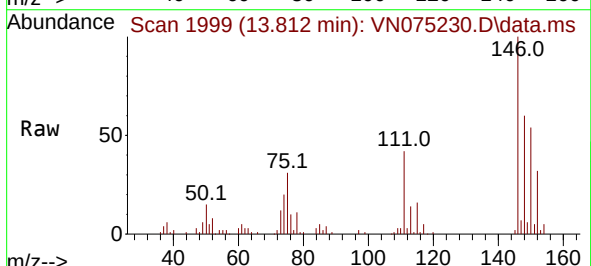
Delta R.T. -0.000 min

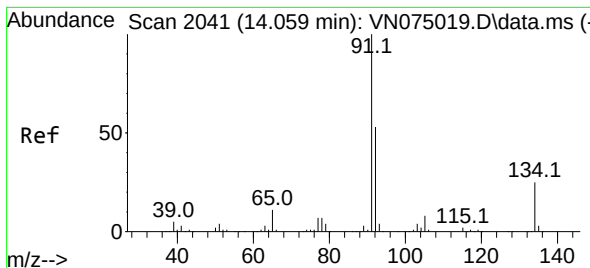
Lab File: VN075230.D

Acq: 10 Nov 2022 12:57

Tgt Ion:146 Resp: 63246

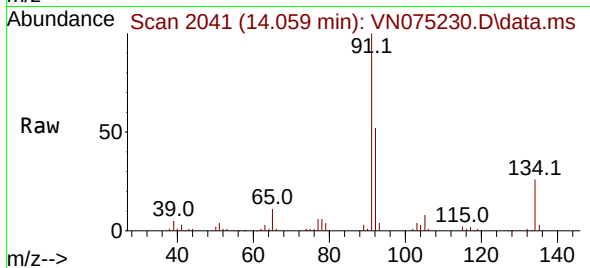
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.3
148	63.1	31.9	95.7





#89
n-Butylbenzene
Concen: 20.094 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

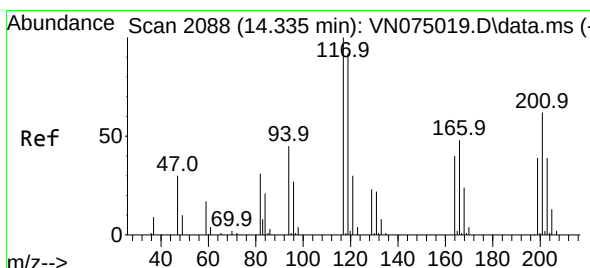
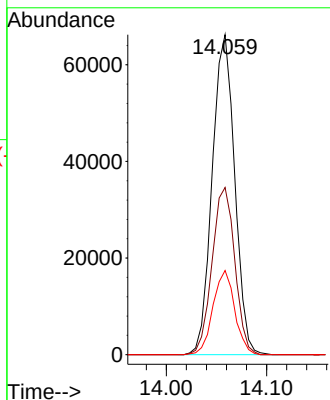
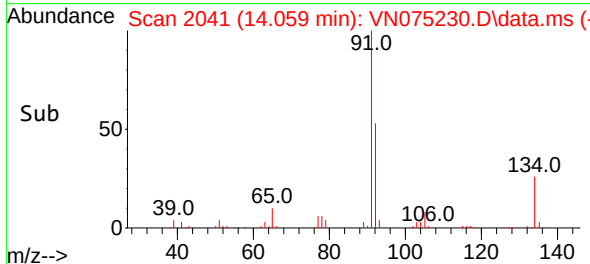
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 91 Resp: 103214
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 25.4 13.0 39.0

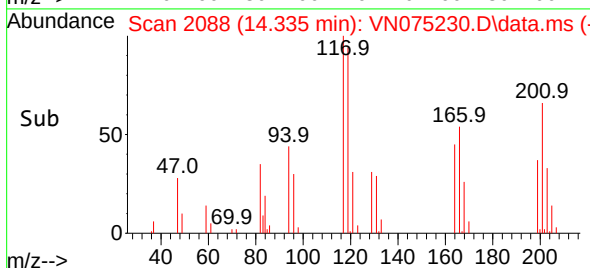
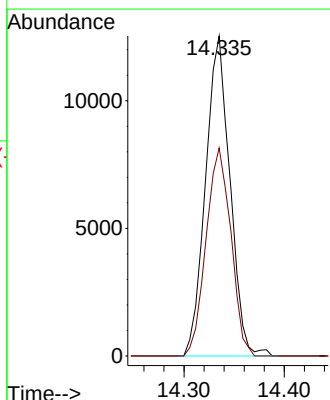
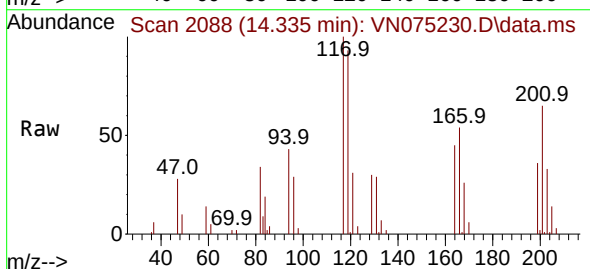
Manual Integrations
APPROVED

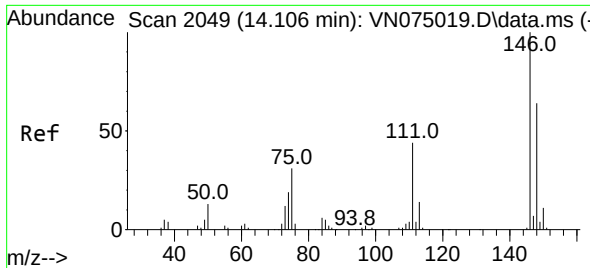
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachloroethane
Concen: 18.165 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

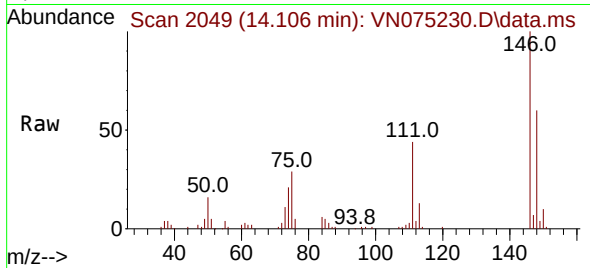
Tgt Ion:117 Resp: 21245
Ion Ratio Lower Upper
117 100
201 65.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.438 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

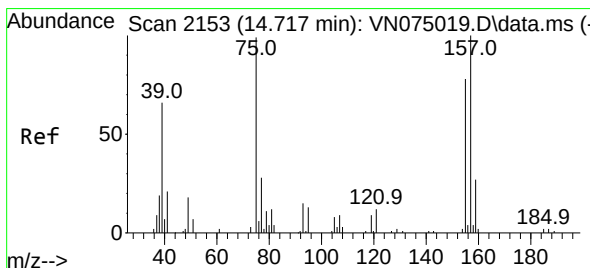
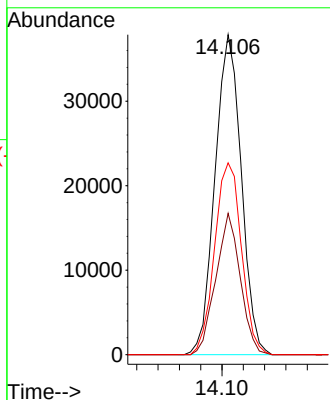
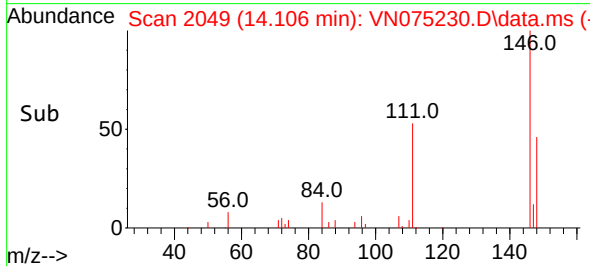
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



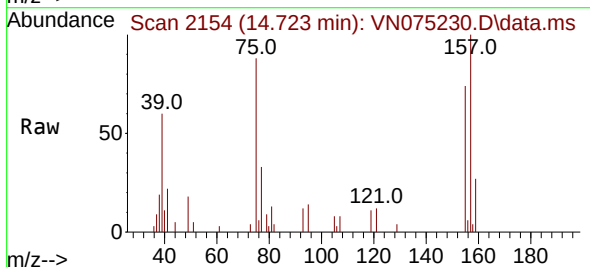
Tgt Ion:146 Resp: 6480
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.9
148 61.3 31.4 94.2

Manual Integrations
APPROVED

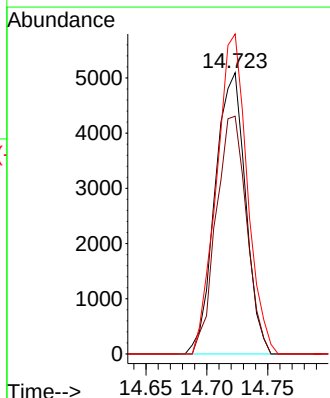
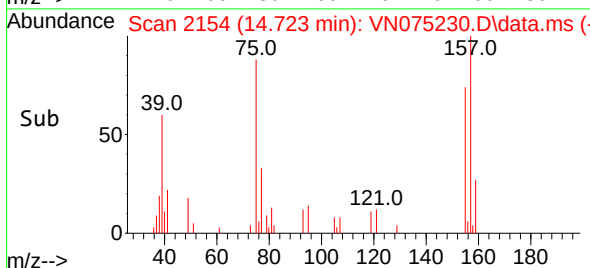
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

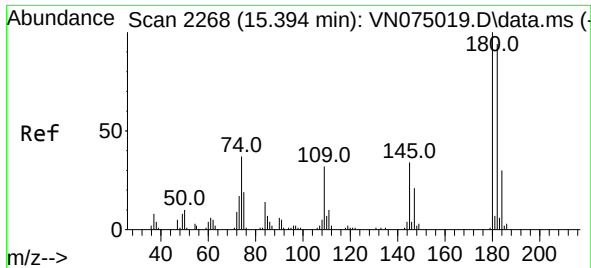


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.771 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



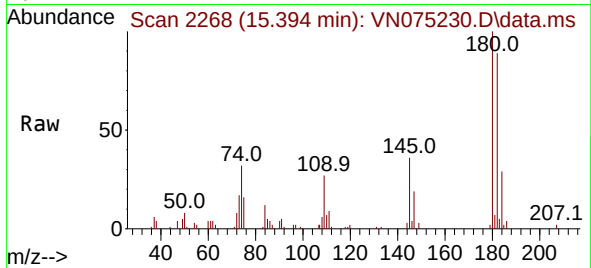
Tgt Ion: 75 Resp: 8868
Ion Ratio Lower Upper
75 100
155 84.7 42.1 126.3
157 114.7 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 21.249 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

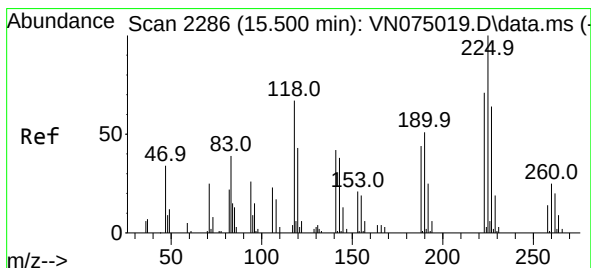
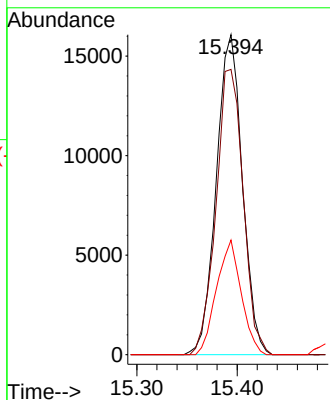
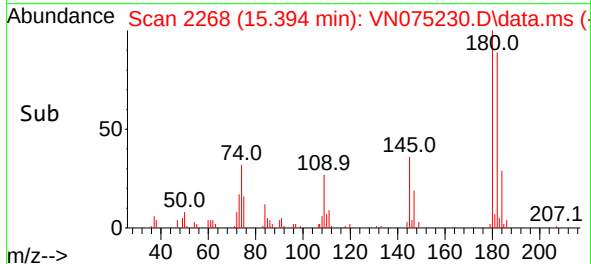
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



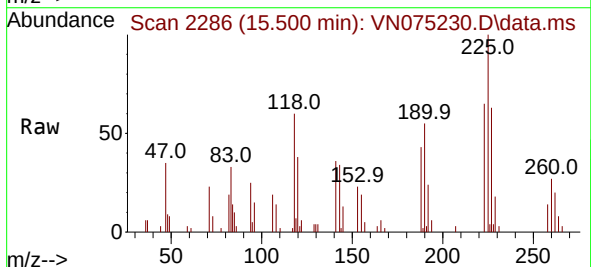
Tgt Ion:180 Resp: 28992
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.4
145 33.9 16.8 50.3

Manual Integrations
APPROVED

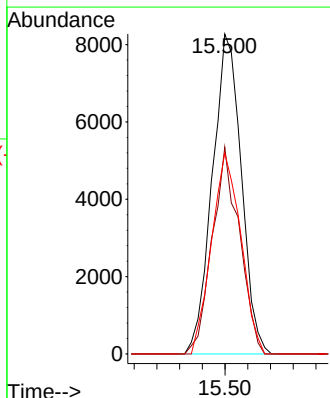
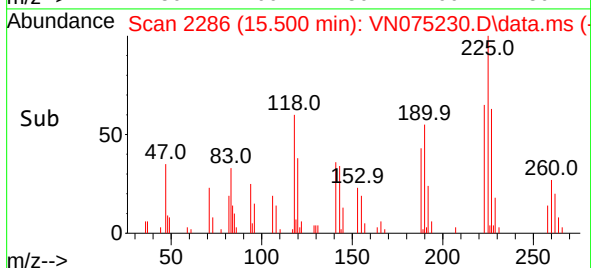
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

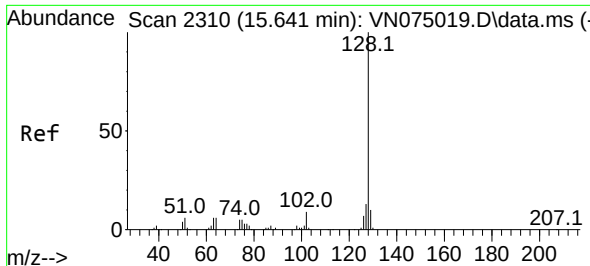


#94
Hexachlorobutadiene
Concen: 22.004 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



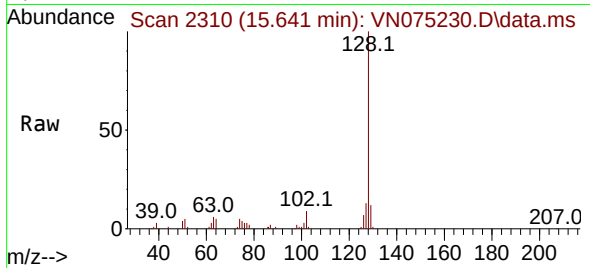
Tgt Ion:225 Resp: 14636
Ion Ratio Lower Upper
225 100
223 60.8 32.3 96.9
227 63.5 32.0 96.2





#95
Naphthalene
Concen: 19.657 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57

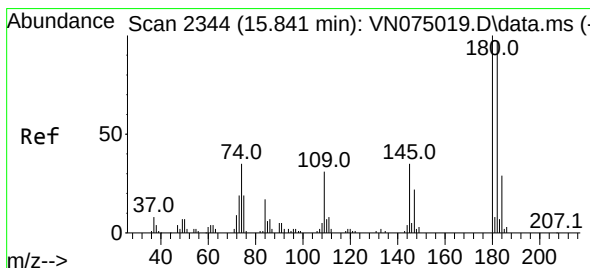
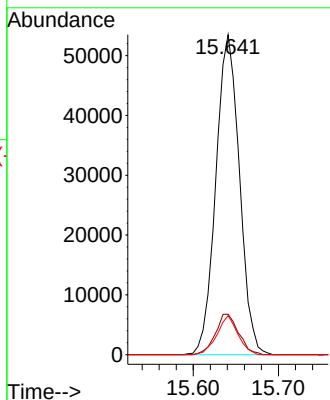
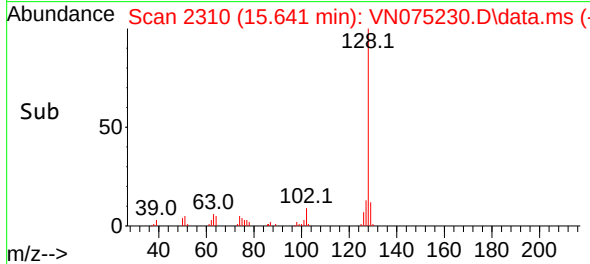
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



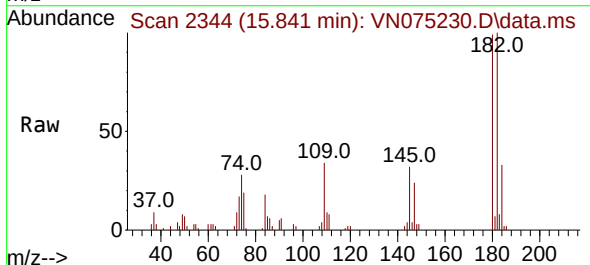
Tgt Ion:128 Resp: 103139
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.729 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075230.D
Acq: 10 Nov 2022 12:57



Tgt Ion:180 Resp: 28101
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 34.6 17.6 52.9

