

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024995.D
 Acq On : 15 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV224

Quant Time: Mar 16 03:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	174620	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65828	4.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	49639	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	109252	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.902	46	77304	46.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.342	84	114273	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.027	65	47115	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.043	84	237388	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.066	67	67194	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.310	98	215928	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.619	79	23329	5.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	83469	53.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39831	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	66582	5.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	76717	4.972	ug/L	99
3) Chloromethane	1.240	50	68474	4.706	ug/L	99
5) Vinyl chloride	1.307	62	75768	4.935	ug/L	97
6) Bromomethane	1.519	94	47146	4.752	ug/L	100
8) Chloroethane	1.580	64	43552	4.678	ug/L	97
9) Trichlorofluoromethane	1.751	101	101534	4.863	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	55962	4.943	ug/L	100
12) 1,1-Dichloroethene	2.114	96	53241	4.786	ug/L	98
13) Acetone	2.191	43	42826	38.434	ug/L	96
14) Carbon disulfide	2.288	76	198705	4.992	ug/L	100
15) Methyl Acetate	2.439	43	14708	4.818	ug/L	92
16) Methylene chloride	2.503	84	65866	4.886	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	123210	5.085	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	66726	4.984	ug/L	99
19) 1,1-Dichloroethane	3.185	63	112276	4.928	ug/L	98
21) 2-Butanone	3.982	43	86418	49.138	ug/L	81
22) cis-1,2-Dichloroethene	3.905	96	69050	5.109	ug/L	99
23) Bromochloromethane	4.243	128	26236	4.924	ug/L	97
25) Chloroform	4.368	83	113918	4.802	ug/L	94

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

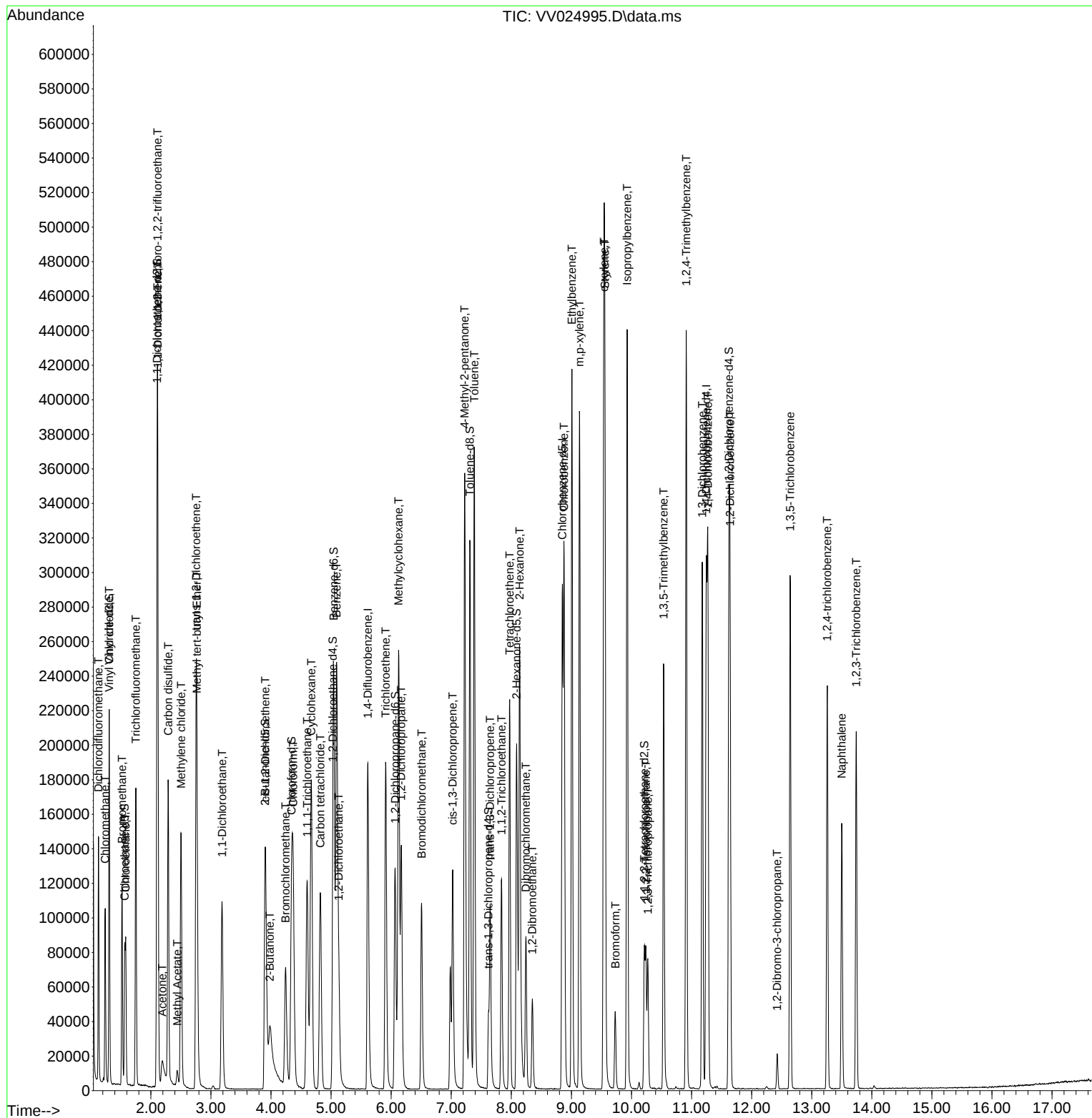
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27) 1,2-Dichloroethane	5.127	62	58323	4.944	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	102019	5.133	ug/L	100
30) Cyclohexane	4.670	56	102492	5.300	ug/L	99
31) Carbon tetrachloride	4.821	117	88575	5.194	ug/L	99
33) Benzene	5.092	78	261676	5.162	ug/L	100
34) Trichloroethene	5.908	95	69575	5.155	ug/L	98
35) Methylcyclohexane	6.124	83	114784	5.372	ug/L	99
37) 1,2-Dichloropropane	6.169	63	60323	5.178	ug/L #	94
38) Bromodichloromethane	6.506	83	75301	5.111	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84915	5.250	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	254091	53.006	ug/L	97
42) Toluene	7.384	91	278653	5.252	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	67087	5.271	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39471	5.073	ug/L	98
47) Tetrachloroethene	7.972	164	49569	5.220	ug/L	95
48) 2-Hexanone	8.136	43	170967	50.307	ug/L	96
49) Dibromochloromethane	8.243	129	45398	5.212	ug/L	96
50) 1,2-Dibromoethane	8.349	107	36855	5.176	ug/L	99
51) Chlorobenzene	8.879	112	171568	5.164	ug/L	99
52) Ethylbenzene	9.008	91	296102	5.276	ug/L	98
53) m,p-xylene	9.133	106	113615	5.257	ug/L	98
54) o-xylene	9.542	106	108840	5.266	ug/L	97
55) Styrene	9.558	104	178763	5.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38952	5.106	ug/L	93
59) Bromoform	9.731	173	19844	5.015	ug/L	99
60) Isopropylbenzene	9.927	105	292169	5.274	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31537	5.104	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	133074	5.293	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	240952	5.412	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122589	5.101	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	121799	5.028	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	110456	5.187	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	5369	5.069	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	87040	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	68277	5.162	ug/L	99
71) Naphthalene	13.500	128	120825	5.501	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58853	5.251	ug/L	100

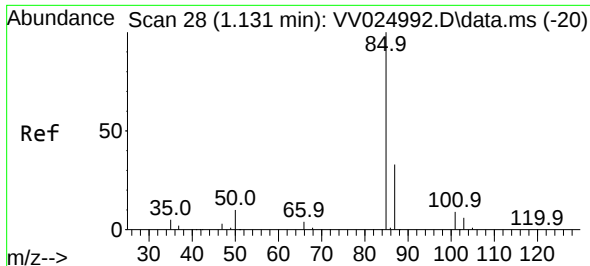
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Data File : VV024995.D
Acq On : 15 Mar 2022 13:51
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV224

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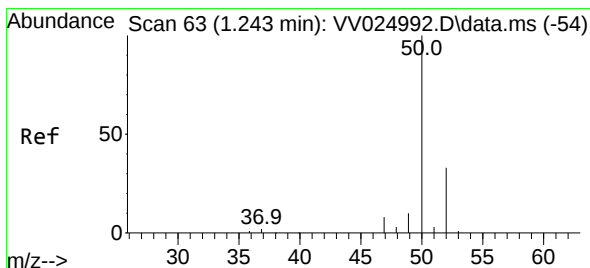
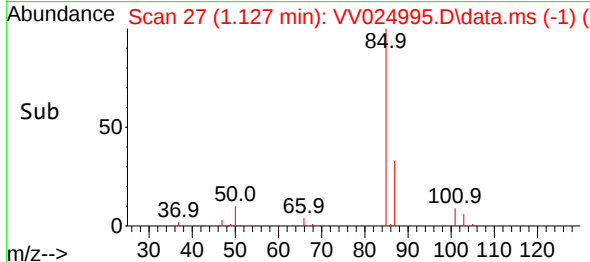
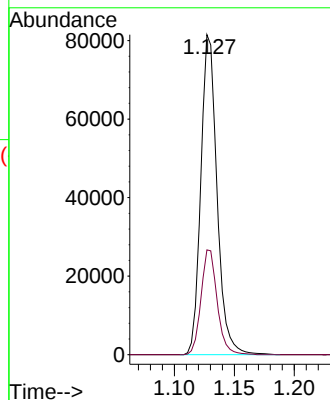
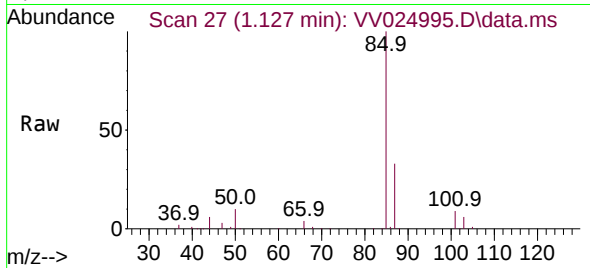




#2
 Dichlorodifluoromethane
 Concen: 4.972 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

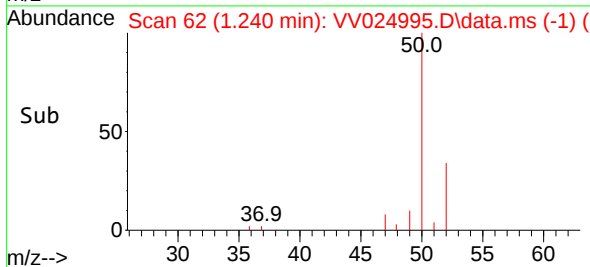
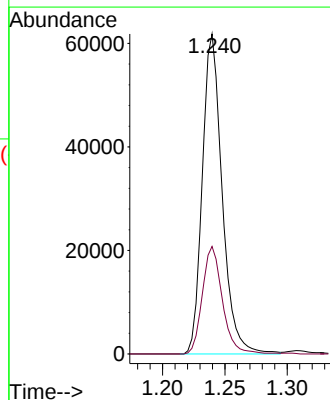
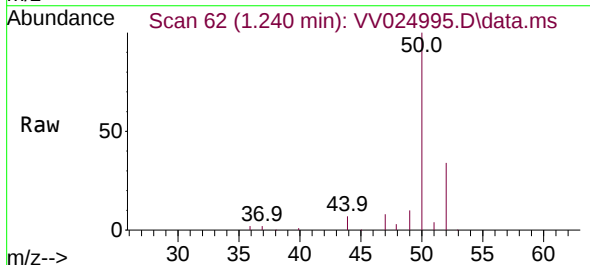
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV224

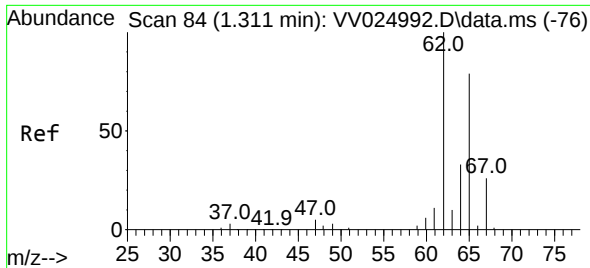
Tgt Ion: 85 Resp: 76717
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.7 40.1



#3
 Chloromethane
 Concen: 4.706 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

Tgt Ion: 50 Resp: 68474
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.2

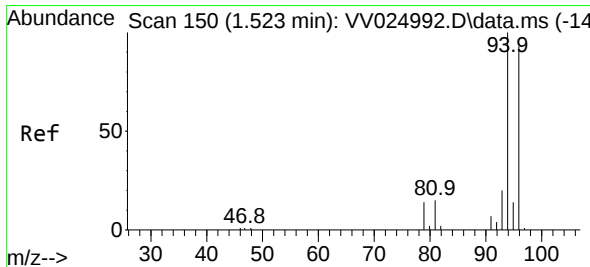
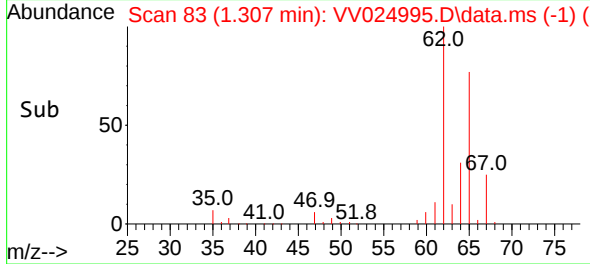
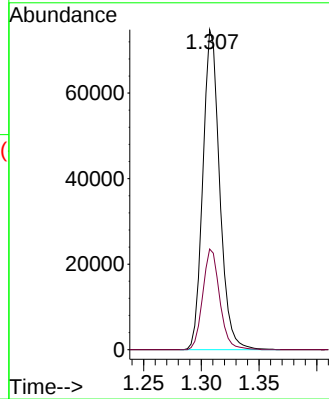
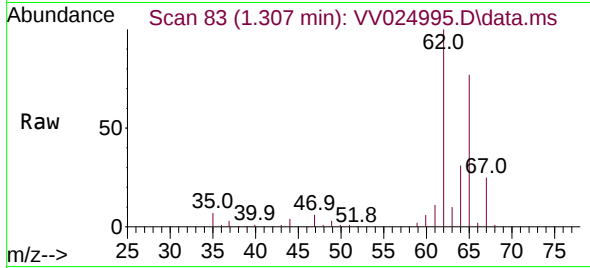




#5
 Vinyl chloride
 Concen: 4.935 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

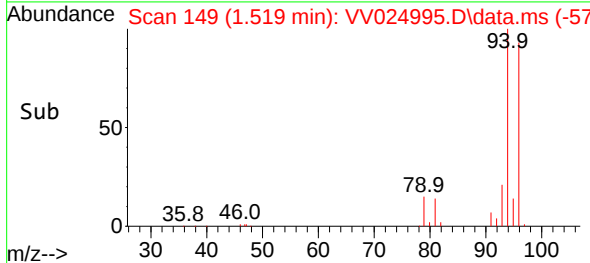
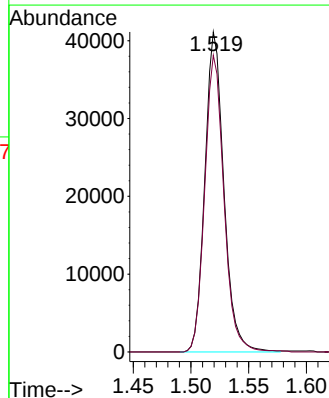
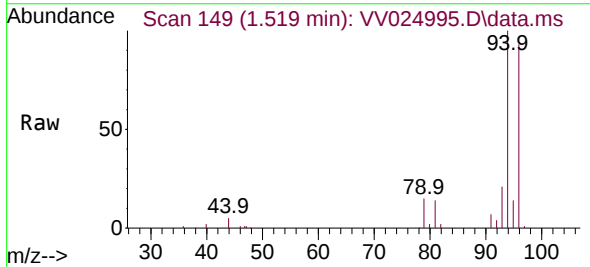
Instrument :
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 ClientSampleId :
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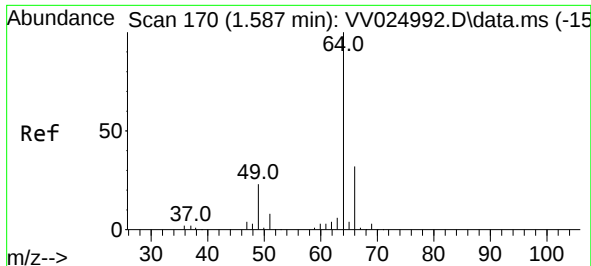
Tgt Ion: 62 Resp: 75768
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.4 43.4



#6
 Bromomethane
 Concen: 4.752 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

Tgt Ion: 94 Resp: 47146
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

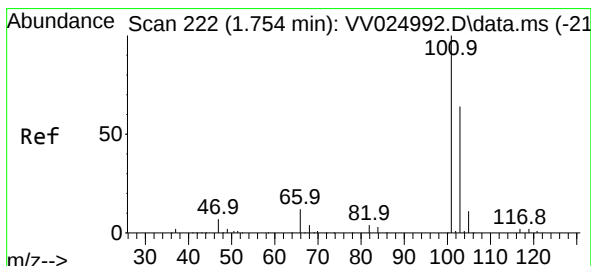
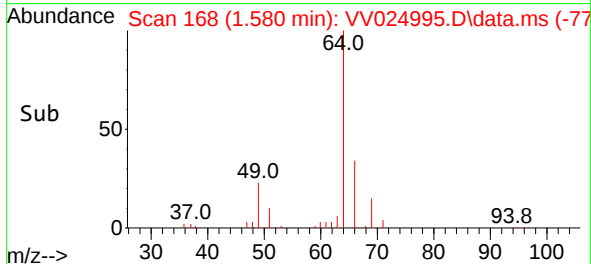
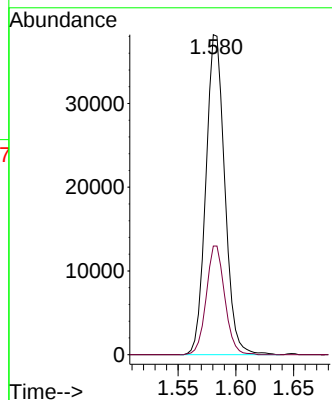
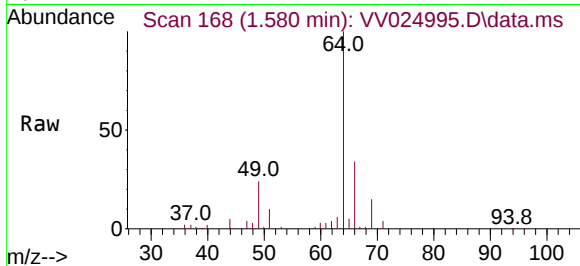




#8
Chloroethane
Concen: 4.678 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

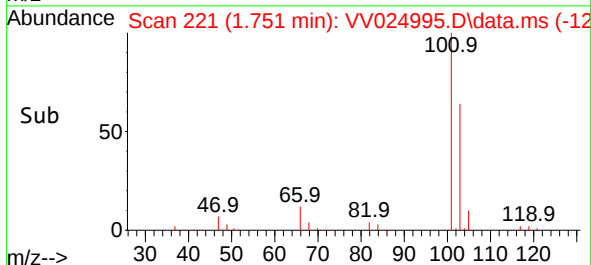
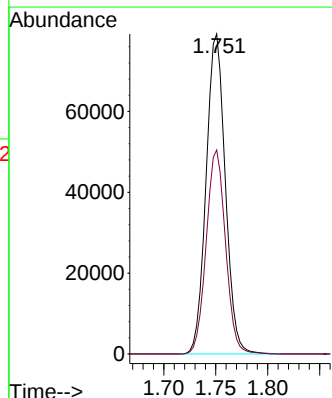
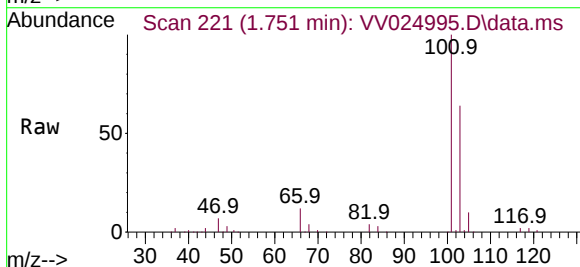
Instrument :
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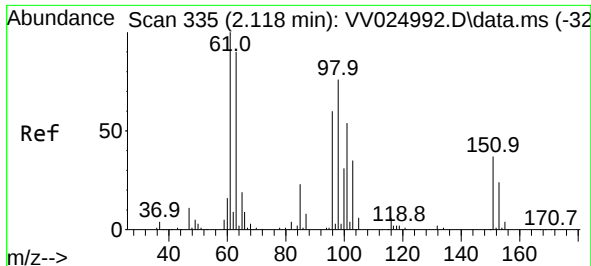
Tgt Ion: 64 Resp: 43552
Ion Ratio Lower Upper
64 100
66 34.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.863 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion:101 Resp: 101534
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

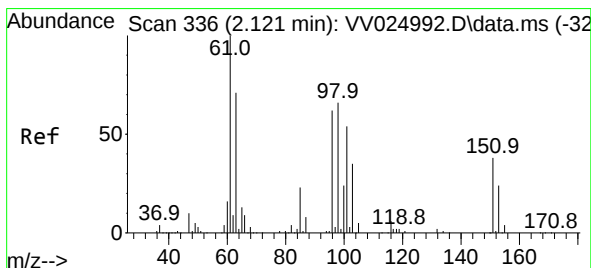
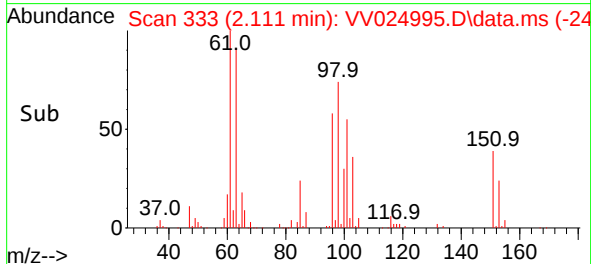
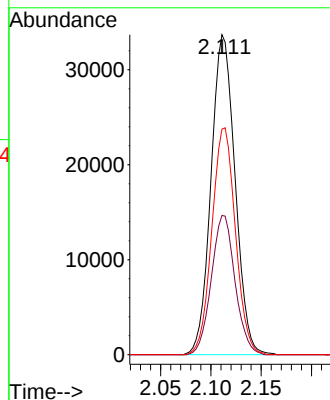
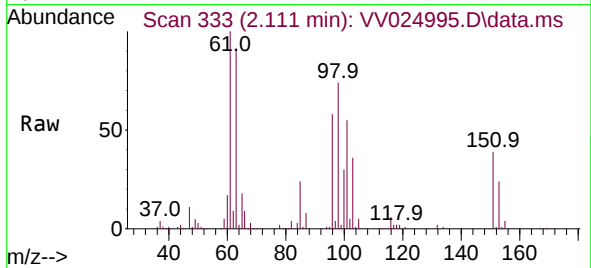




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.943 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

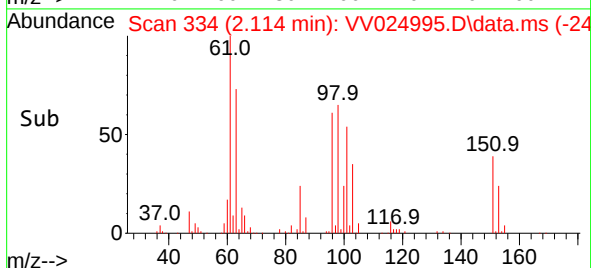
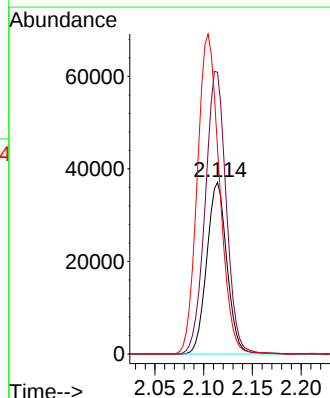
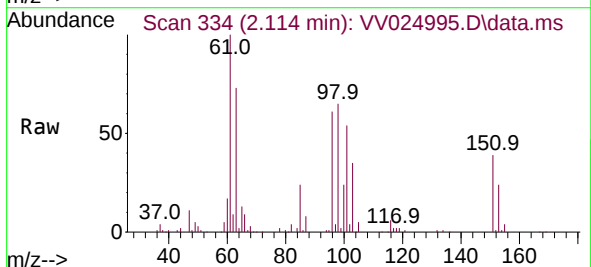
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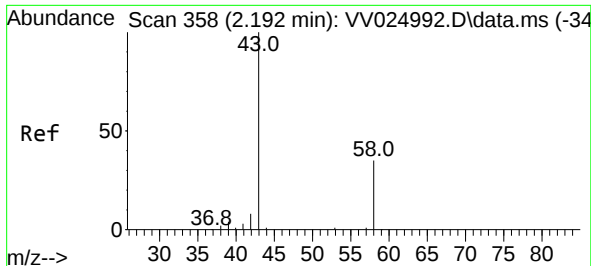
Tgt Ion:101 Resp: 55962
Ion Ratio Lower Upper
101 100
85 42.9 34.8 52.2
151 69.6 55.6 83.4



#12
1,1-Dichloroethene
Concen: 4.786 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 96 Resp: 53241
Ion Ratio Lower Upper
96 100
61 164.2 113.0 209.9
63 120.2 82.1 152.5





#13

Acetone

Concen: 38.434 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

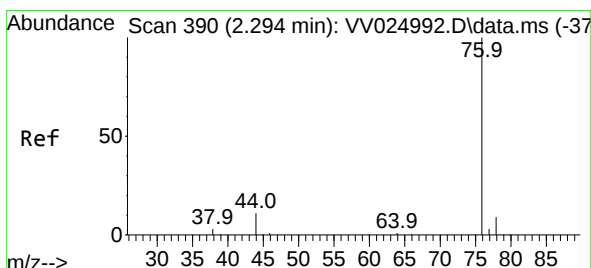
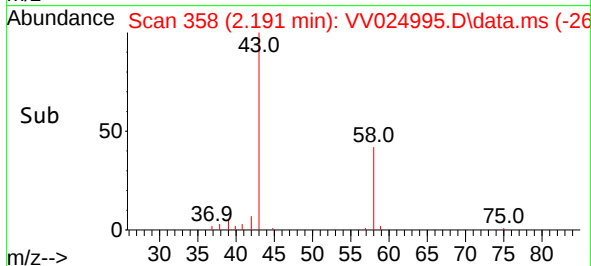
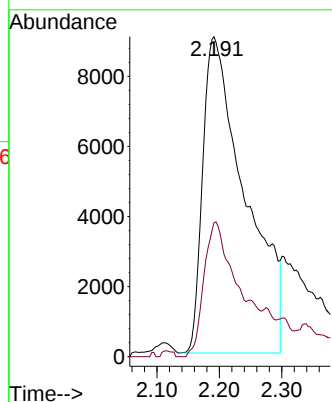
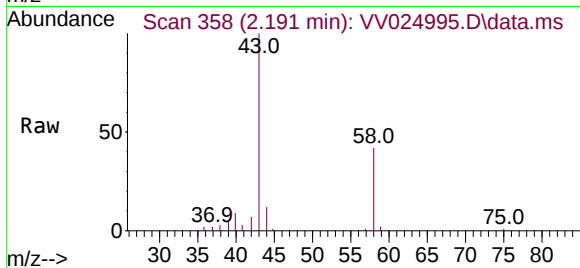
VICV224

Tgt Ion: 43 Resp: 42826

Ion Ratio Lower Upper

43 100

58 29.4 0.0 54.2



#14

Carbon disulfide

Concen: 4.992 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.007 min

Lab File: VV024995.D

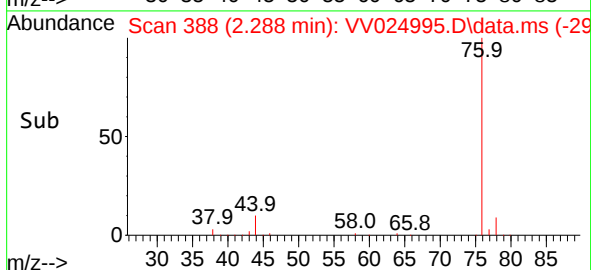
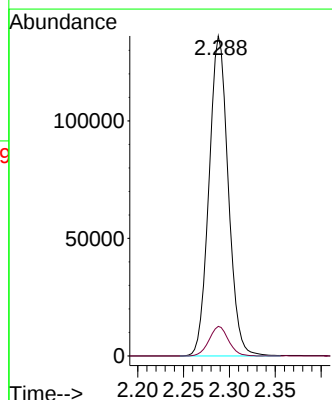
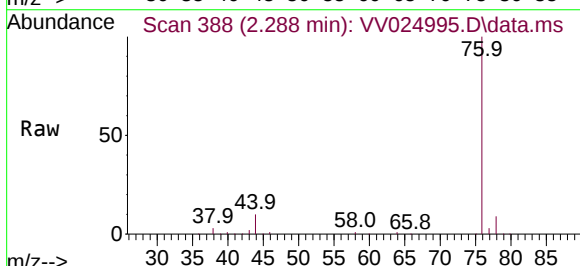
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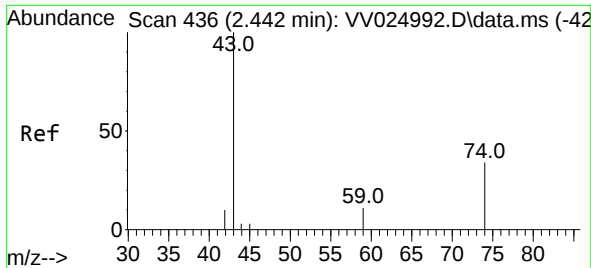
Tgt Ion: 76 Resp: 198705

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

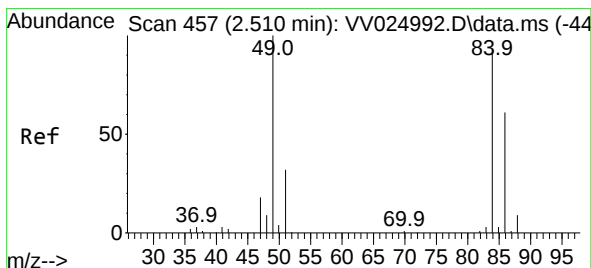
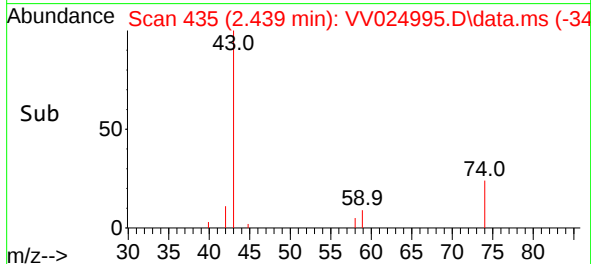
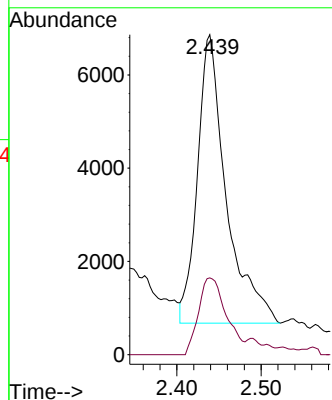
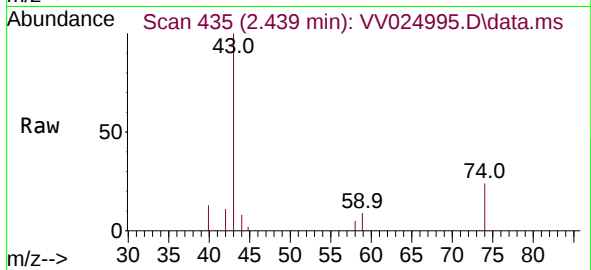




#15
Methyl Acetate
Concen: 4.818 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

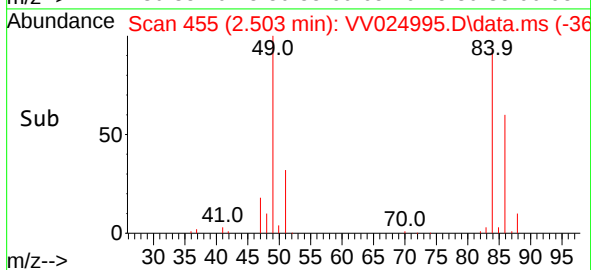
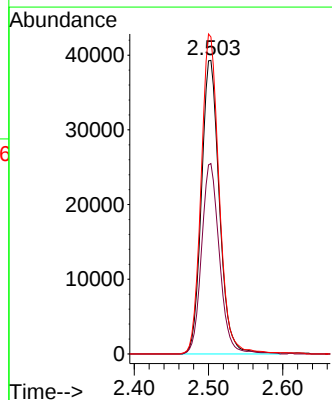
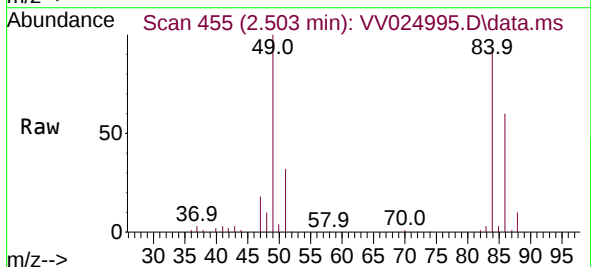
Instrument :
MSVOA_V
ClientSampleId :
VICV224

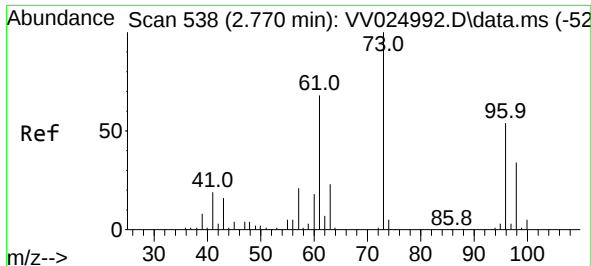
Tgt Ion: 43 Resp: 14708
Ion Ratio Lower Upper
43 100
74 25.9 24.2 36.4



#16
Methylene chloride
Concen: 4.886 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 84 Resp: 65866
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 107.9 75.0 139.2

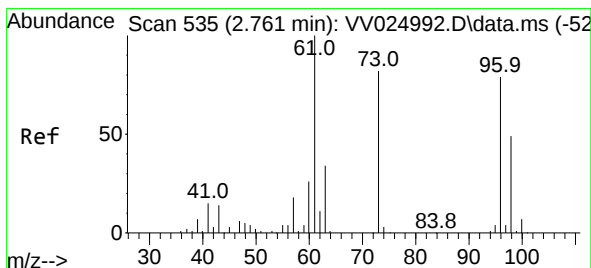
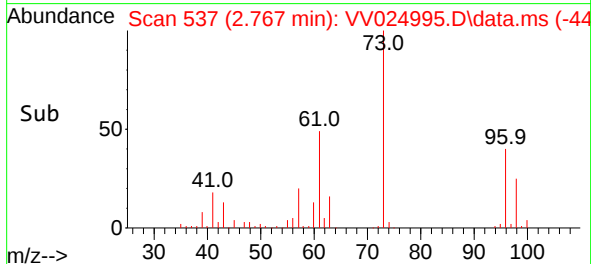
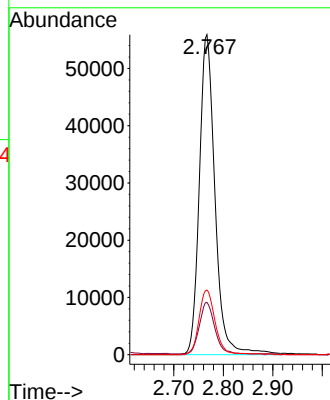
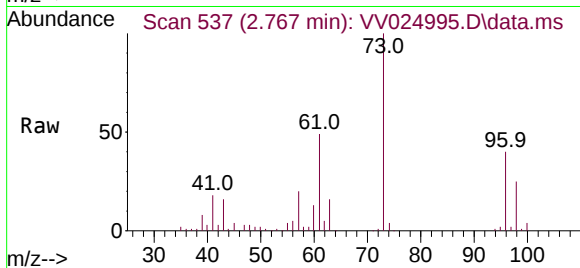




#17
Methyl tert-butyl Ether
Concen: 5.085 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

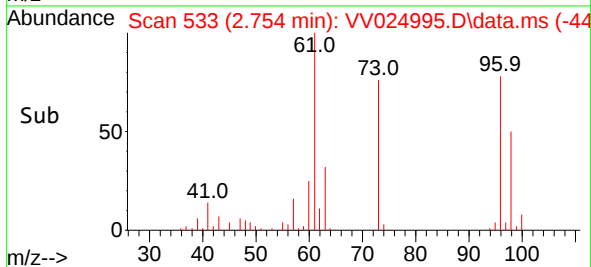
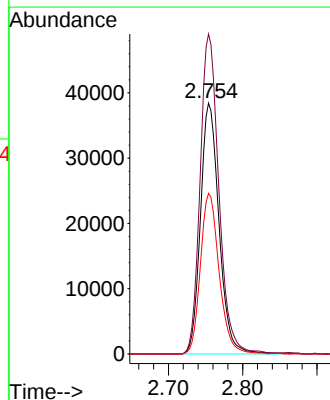
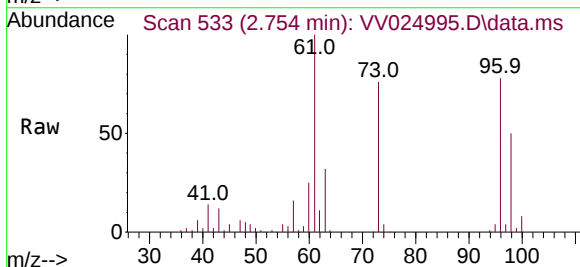
Instrument :
MSVOA_V
ClientSampleId :
VICV224

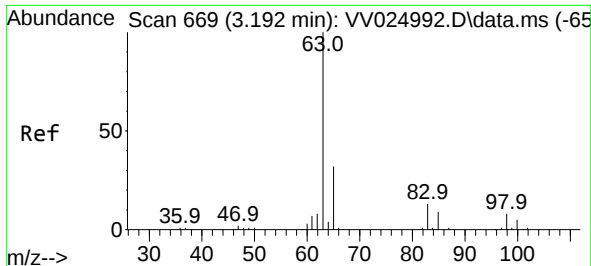
Tgt Ion: 73 Resp: 123210
Ion Ratio Lower Upper
73 100
43 15.7 13.2 19.8
57 20.5 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.984 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 96 Resp: 66726
Ion Ratio Lower Upper
96 100
61 127.6 89.2 165.6
98 64.0 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.928 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

VICV224

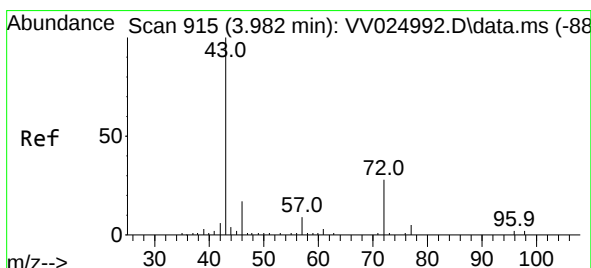
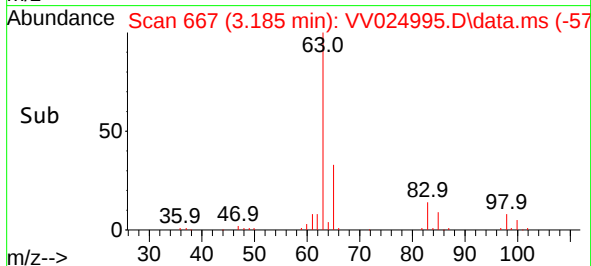
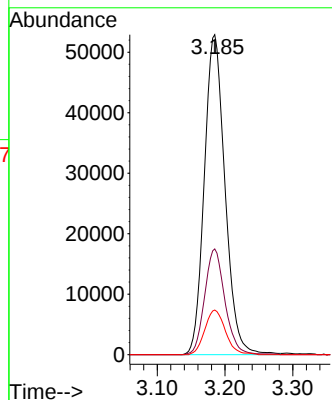
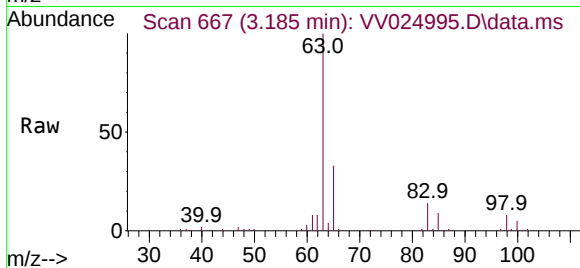
Tgt Ion: 63 Resp: 112276

Ion Ratio Lower Upper

63 100

65 33.1 22.2 41.2

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 49.138 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.000 min

Lab File: VV024995.D

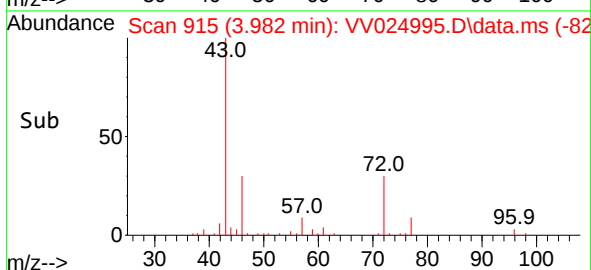
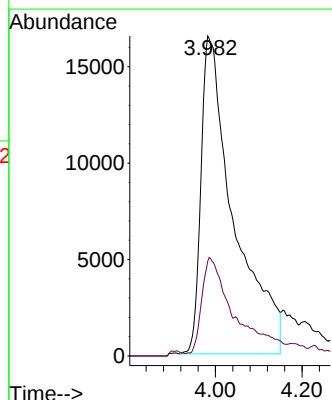
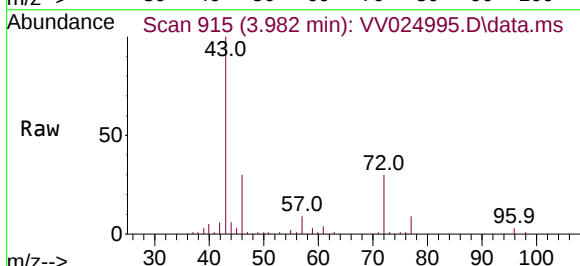
Acq: 15 Mar 2022 13:51

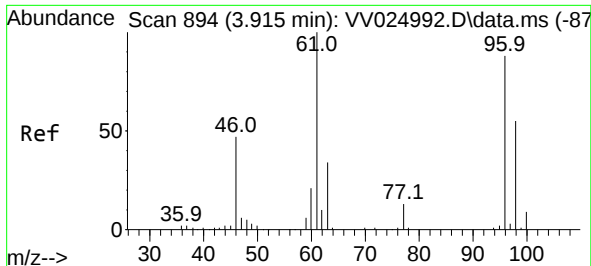
Tgt Ion: 43 Resp: 86418

Ion Ratio Lower Upper

43 100

72 29.8 10.4 31.2

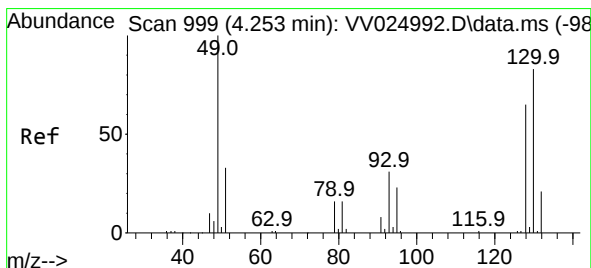
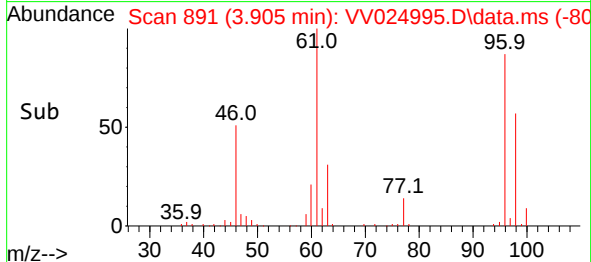
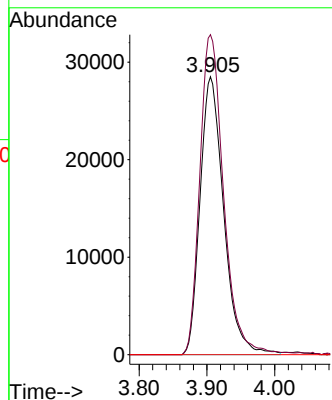
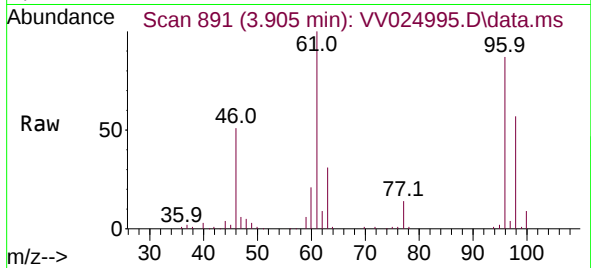




#22
cis-1,2-Dichloroethene
Concen: 5.109 ug/L
RT: 3.905 min Scan# 894
Delta R.T. -0.010 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

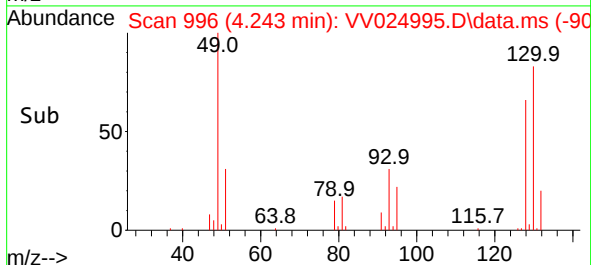
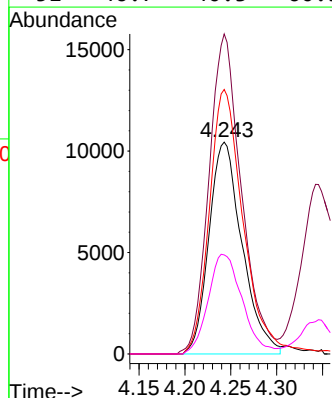
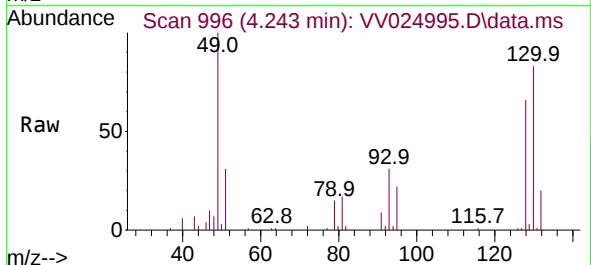
Instrument :
MSVOA_V
ClientSampleId :
VICV224

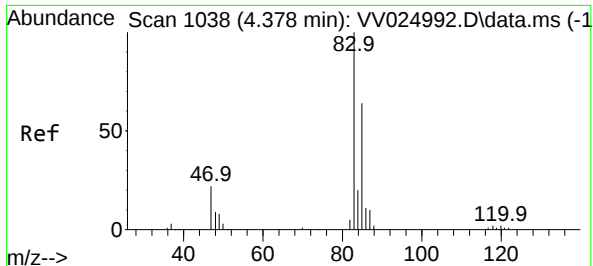
Tgt Ion: 96 Resp: 69050
Ion Ratio Lower Upper
96 100
61 115.1 79.7 147.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.924 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.010 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 128 Resp: 26236
Ion Ratio Lower Upper
128 100
49 151.1 107.5 199.7
130 124.9 89.4 166.0
51 46.7 40.3 60.5

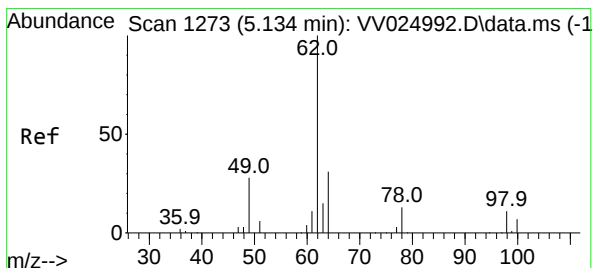
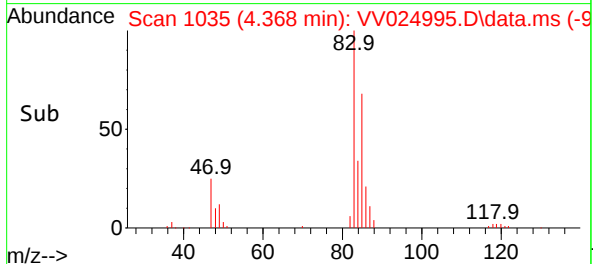
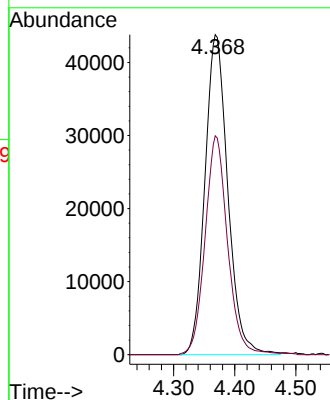
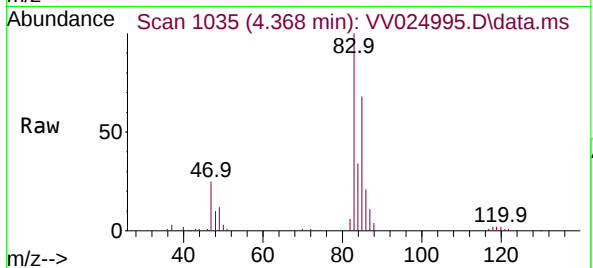




#25
Chloroform
Concen: 4.802 ug/L
RT: 4.368 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

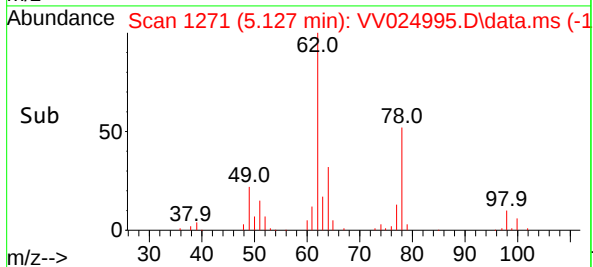
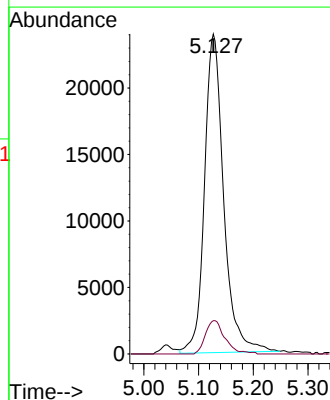
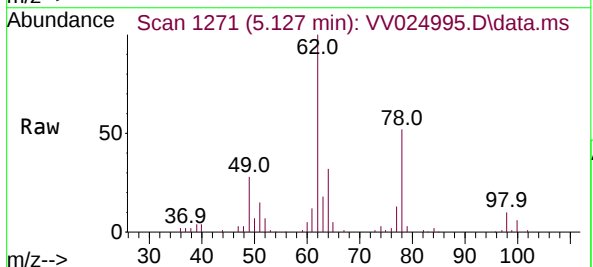
Instrument :
MSVOA_V
ClientSampleId :
VICV224

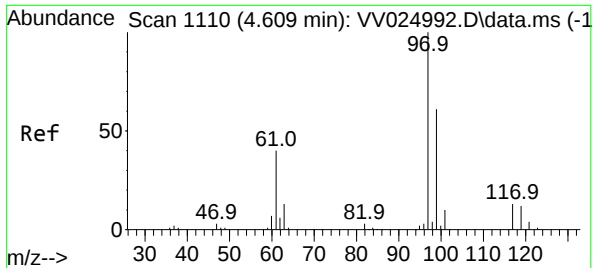
Tgt Ion: 83 Resp: 113918
Ion Ratio Lower Upper
83 100
85 68.4 44.5 82.7



#27
1,2-Dichloroethane
Concen: 4.944 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 62 Resp: 58323
Ion Ratio Lower Upper
62 100
98 10.4 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.133 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.007 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

VICV224

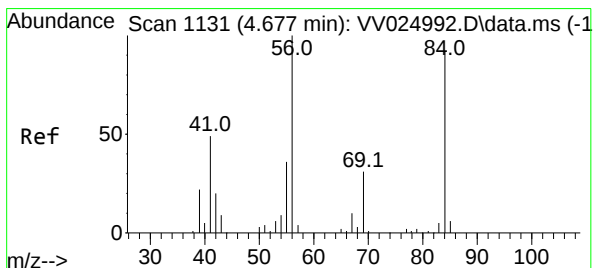
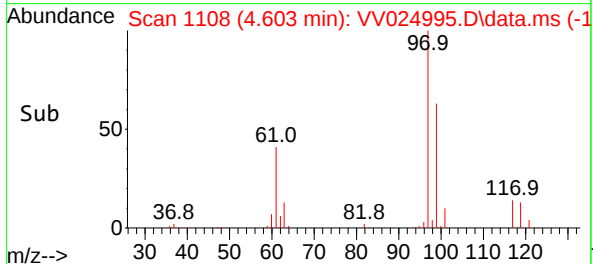
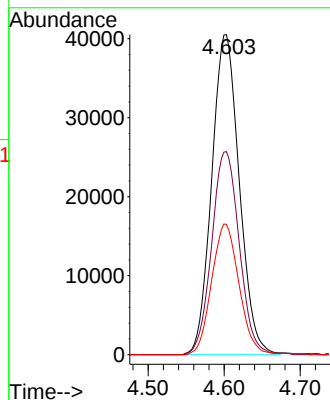
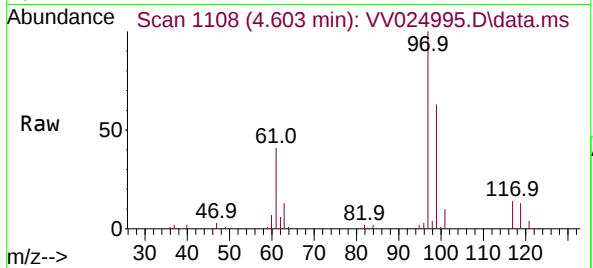
Tgt Ion: 97 Resp: 102019

Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

61 40.6 32.4 48.6



#30

Cyclohexane

Concen: 5.300 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.007 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

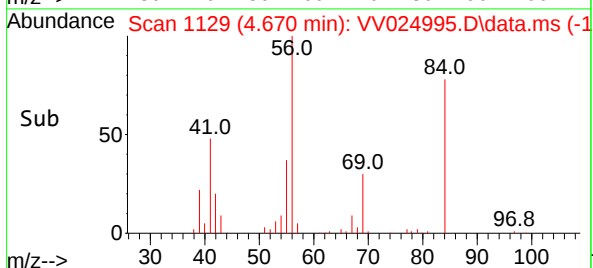
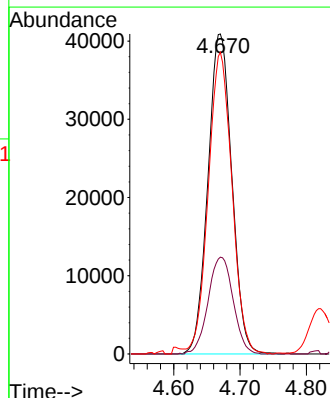
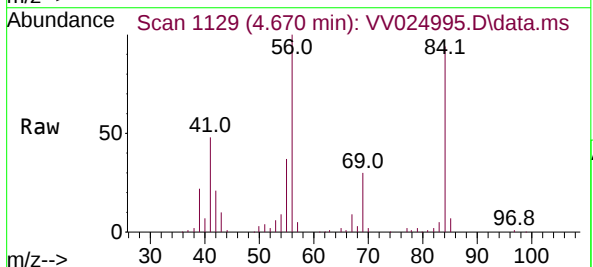
Tgt Ion: 56 Resp: 102492

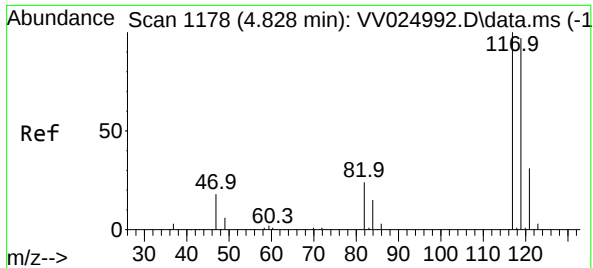
Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

84 93.3 75.9 113.9

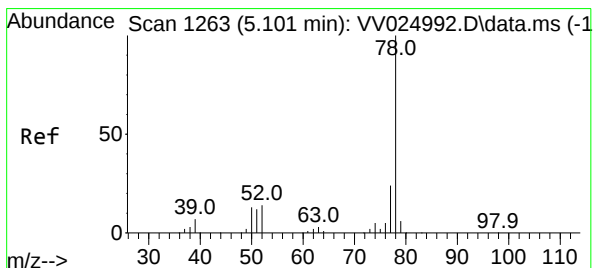
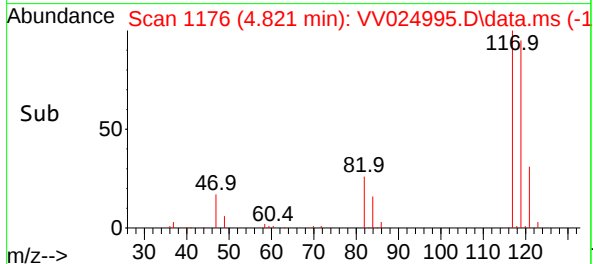
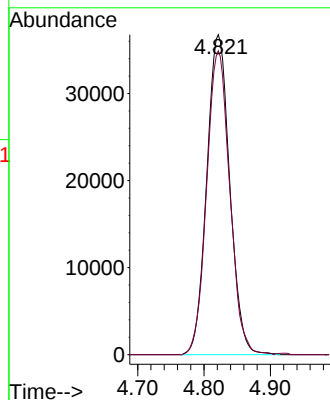
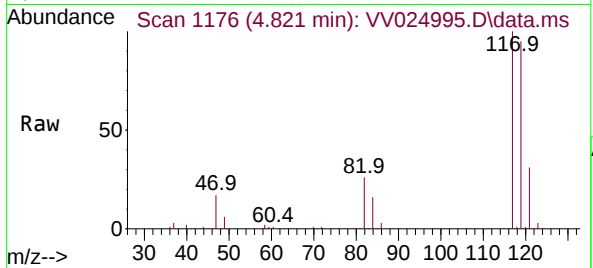




#31
Carbon tetrachloride
Concen: 5.194 ug/L
RT: 4.821 min Scan# 1178
Delta R.T. -0.007 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

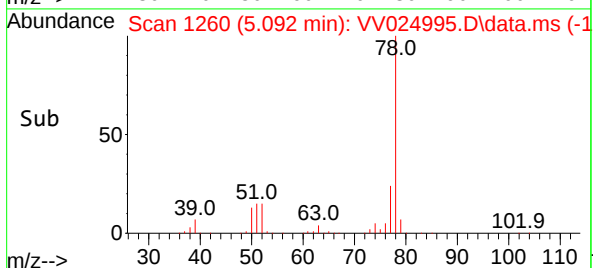
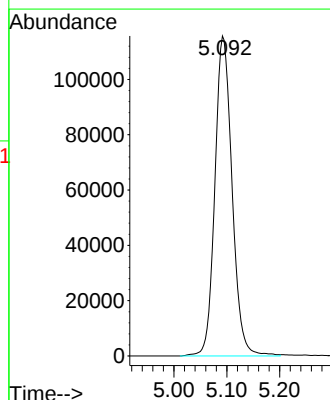
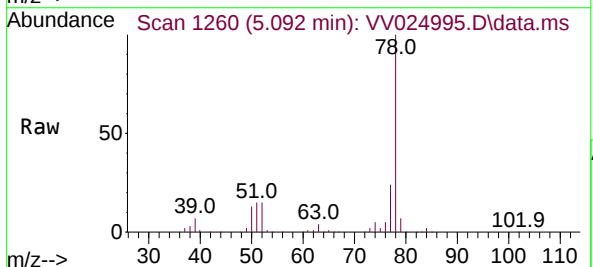
Instrument :
MSVOA_V
ClientSampleId :
VICV224

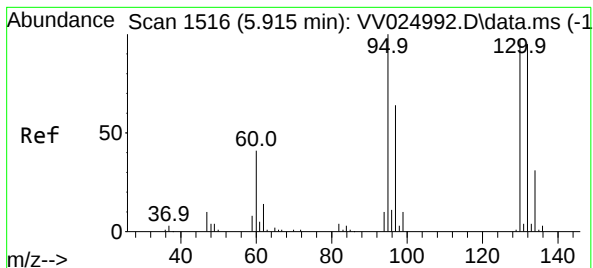
Tgt Ion:117 Resp: 88575
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2



#33
Benzene
Concen: 5.162 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 78 Resp: 261676





#34

Trichloroethene

Concen: 5.155 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.007 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

VICV224

Tgt Ion: 95 Resp: 69575

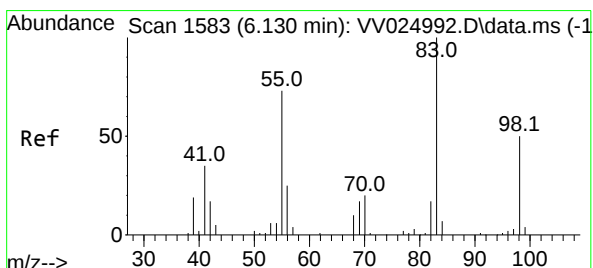
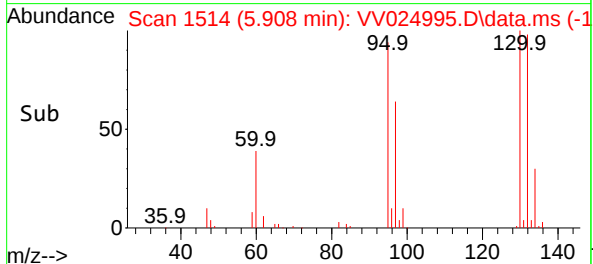
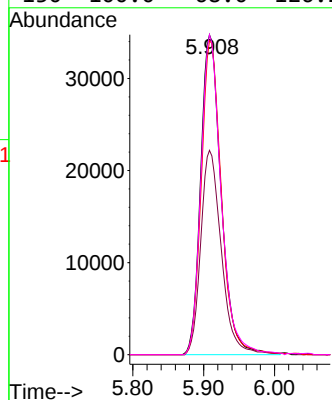
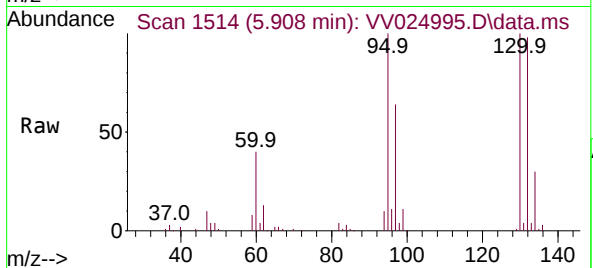
Ion Ratio Lower Upper

95 100

97 63.8 44.5 82.7

132 98.1 66.5 123.5

130 100.0 68.0 126.2



#35

Methylcyclohexane

Concen: 5.372 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

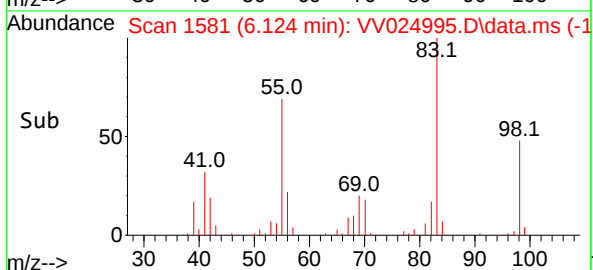
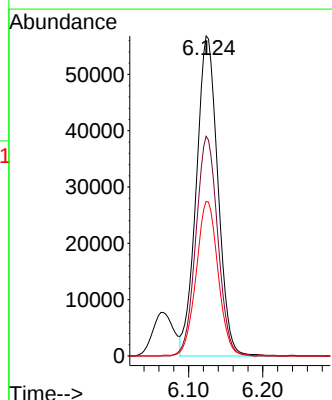
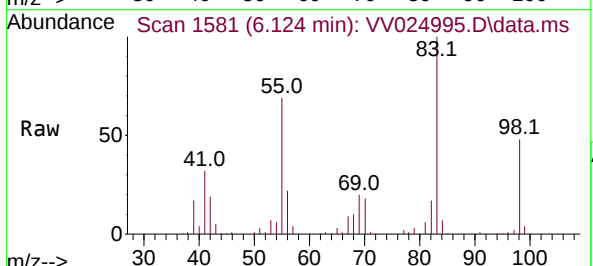
Tgt Ion: 83 Resp: 114784

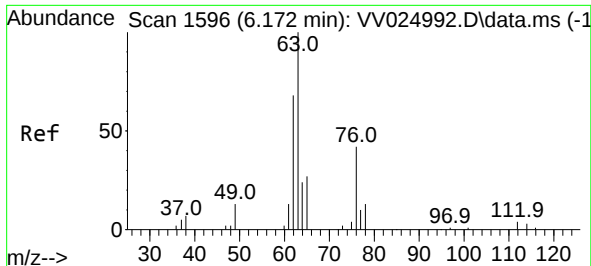
Ion Ratio Lower Upper

83 100

55 69.1 55.4 83.0

98 49.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.178 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

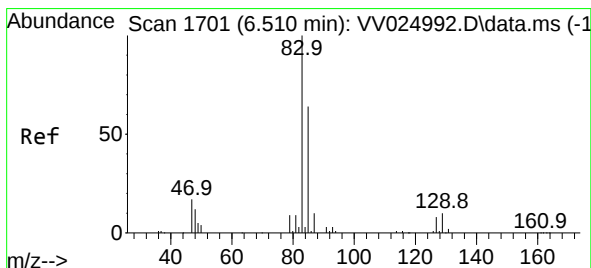
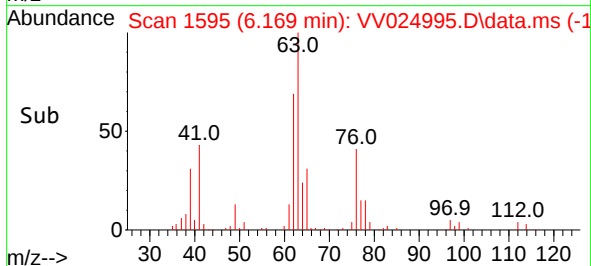
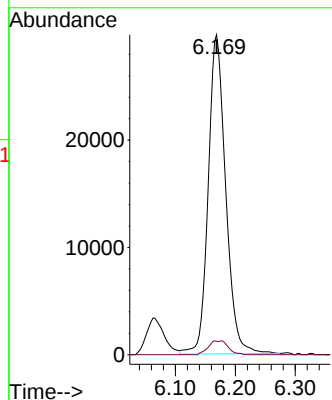
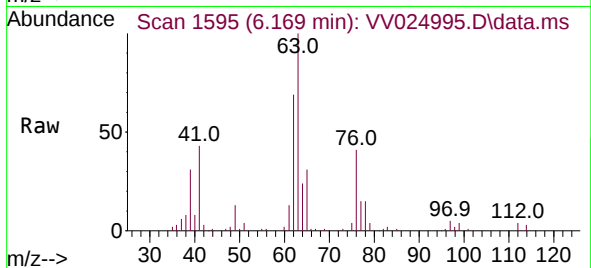
VICV224

Tgt Ion: 63 Resp: 60323

Ion Ratio Lower Upper

63 100

112 2.7 3.8 5.6#



#38

Bromodichloromethane

Concen: 5.111 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

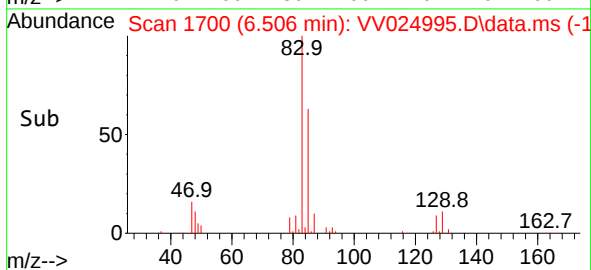
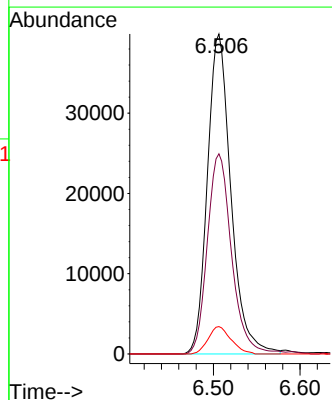
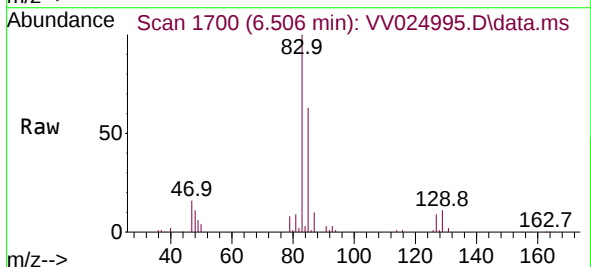
Tgt Ion: 83 Resp: 75301

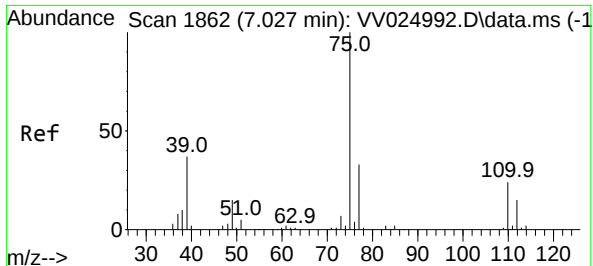
Ion Ratio Lower Upper

83 100

85 62.6 44.8 83.2

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.250 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

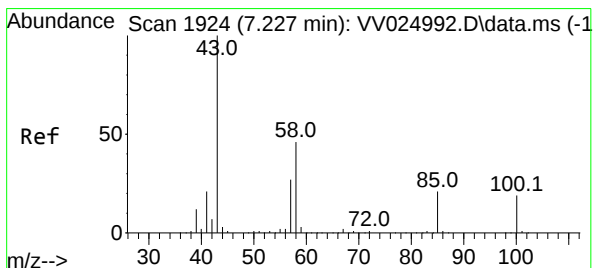
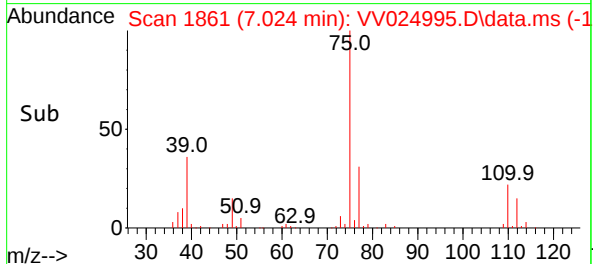
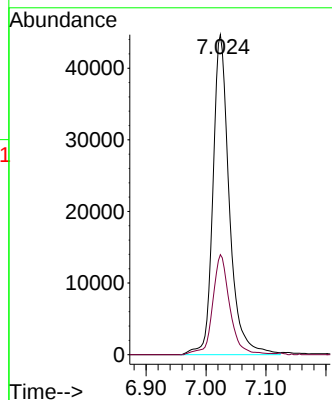
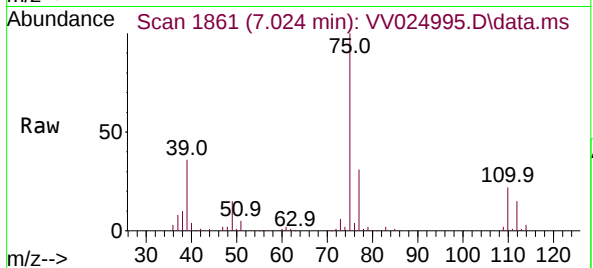
VICV224

Tgt Ion: 75 Resp: 84915

Ion Ratio Lower Upper

75 100

77 31.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 53.006 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

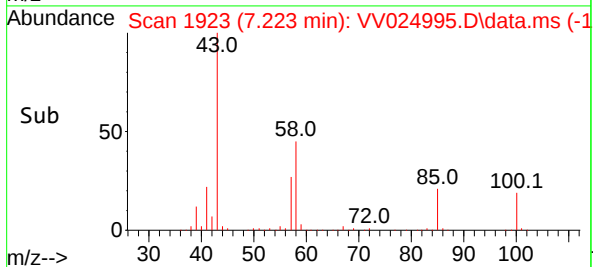
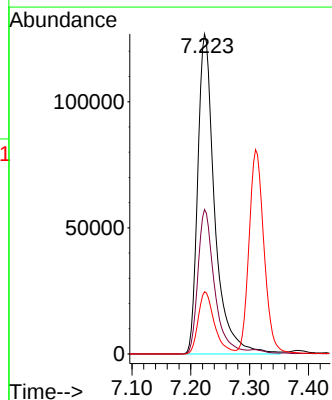
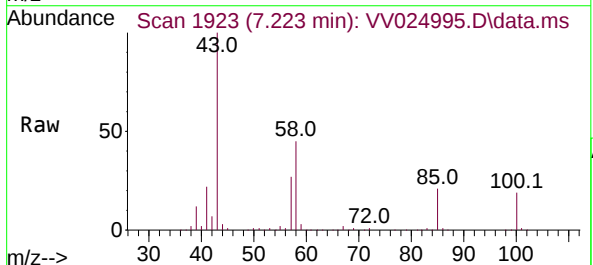
Tgt Ion: 43 Resp: 254091

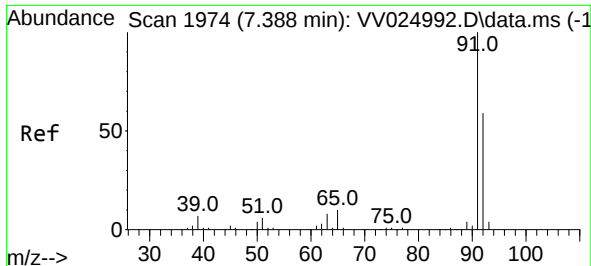
Ion Ratio Lower Upper

43 100

58 44.2 36.6 55.0

100 18.6 13.8 20.8





#42

Toluene

Concen: 5.252 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

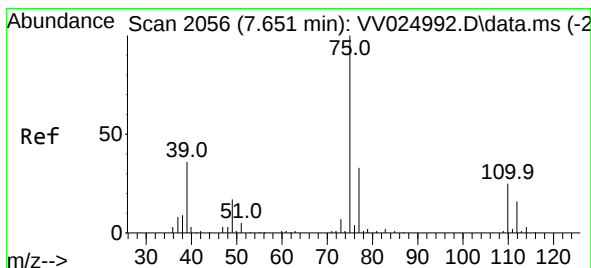
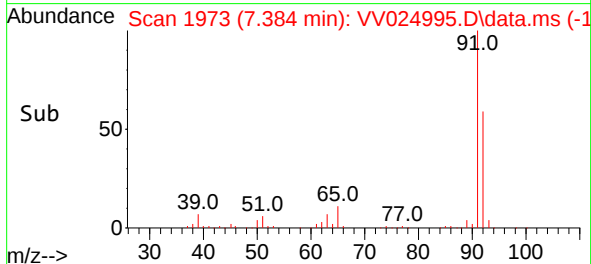
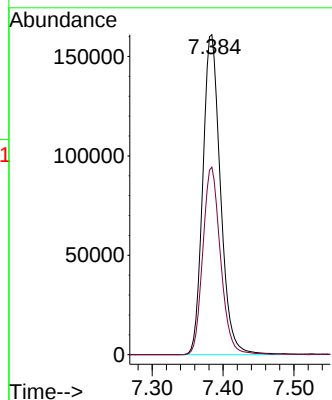
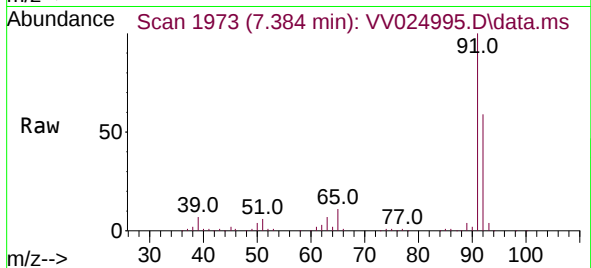
VICV224

Tgt Ion: 91 Resp: 278653

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.271 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024995.D

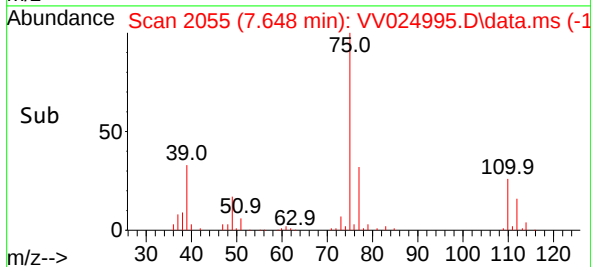
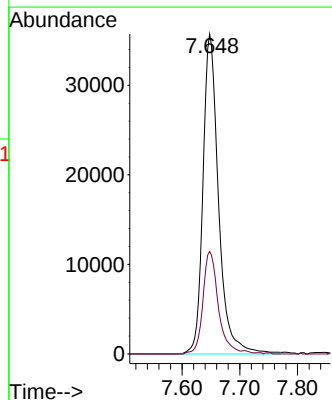
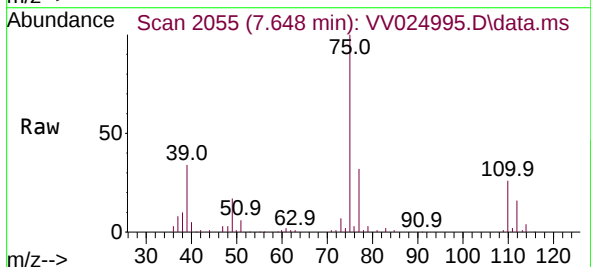
Acq: 15 Mar 2022 13:51

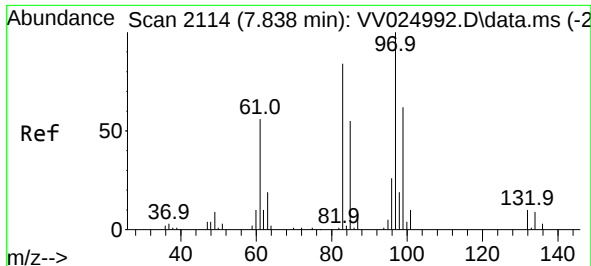
Tgt Ion: 75 Resp: 67087

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.073 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

VICV224

Tgt Ion: 97 Resp: 39471

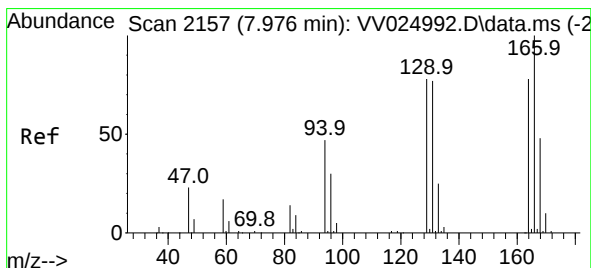
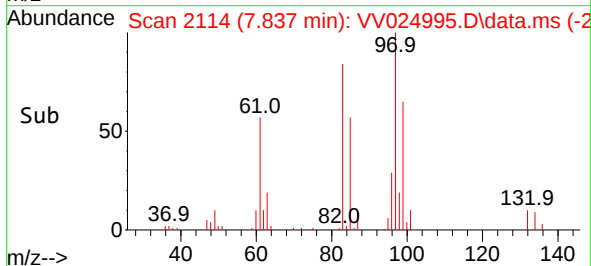
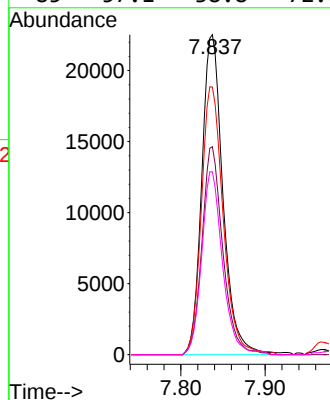
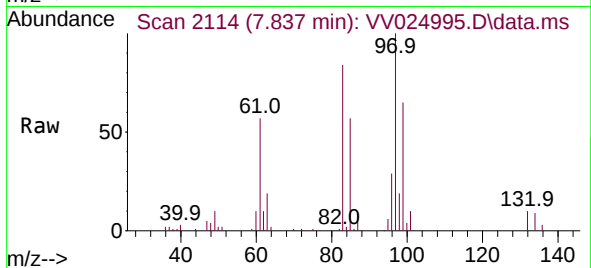
Ion Ratio Lower Upper

97 100

99 65.0 43.7 81.1

83 83.6 58.9 109.3

85 57.1 38.8 72.0



#47

Tetrachloroethene

Concen: 5.220 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Tgt Ion:164 Resp: 49569

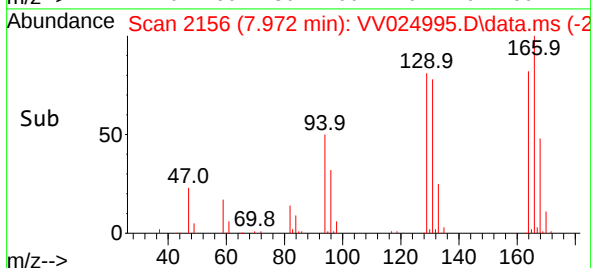
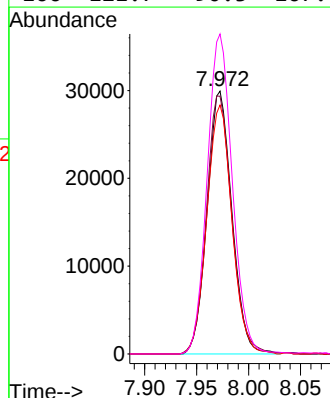
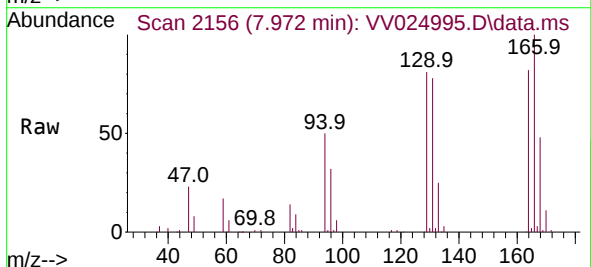
Ion Ratio Lower Upper

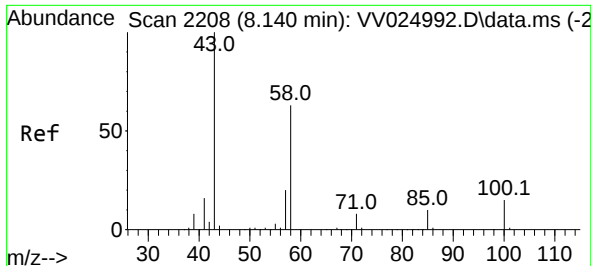
164 100

129 98.0 70.3 130.7

131 94.7 69.4 129.0

166 121.7 90.3 167.7



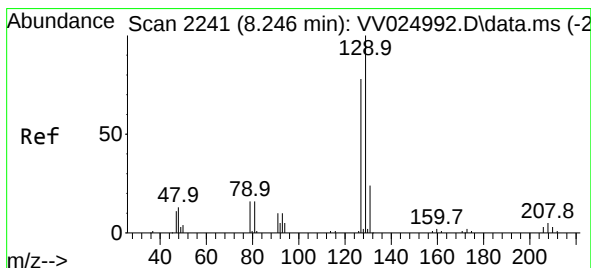
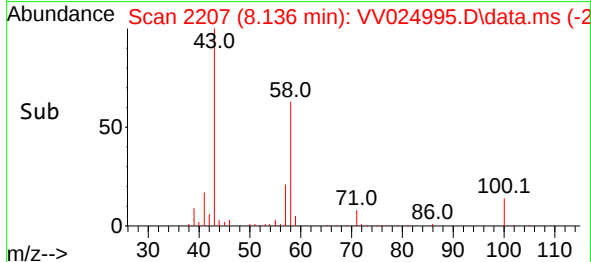
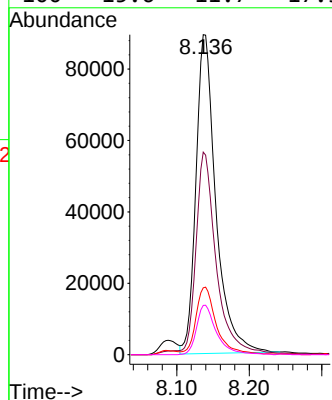
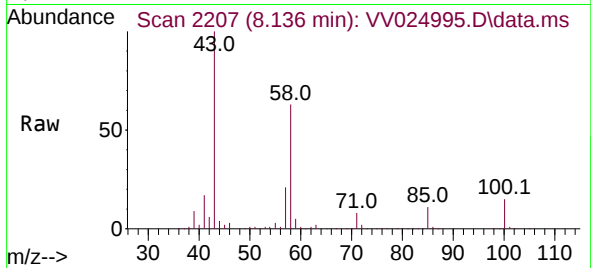


#48
2-Hexanone
Concen: 50.307 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :
VICV224

Tgt Ion: 43 Resp: 170967

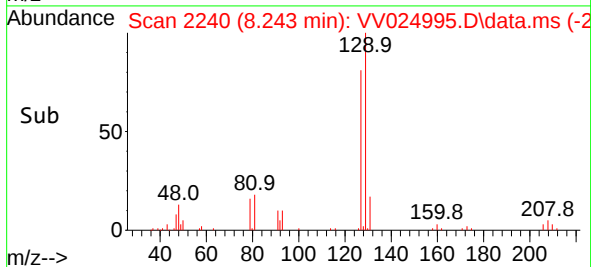
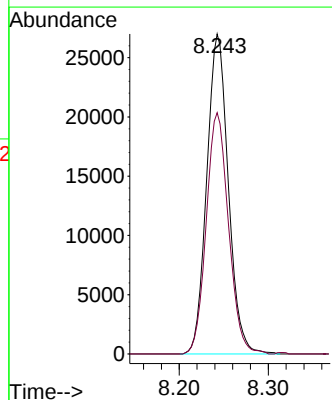
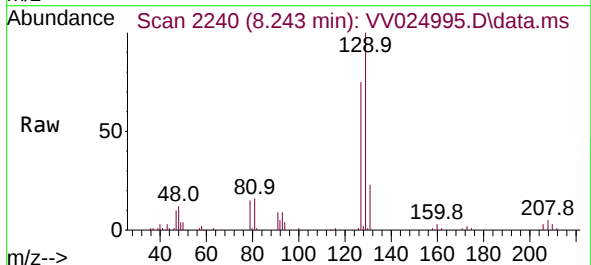
Ion	Ratio	Lower	Upper
43	100		
58	65.8	49.2	73.8
57	21.2	16.0	24.0
100	15.6	11.7	17.5

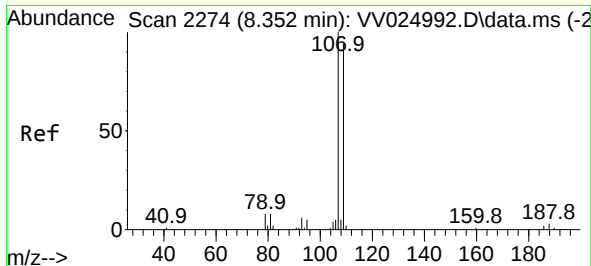


#49
Dibromochloromethane
Concen: 5.212 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 129 Resp: 45398

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.176 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

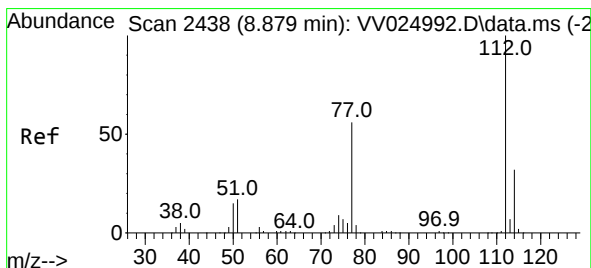
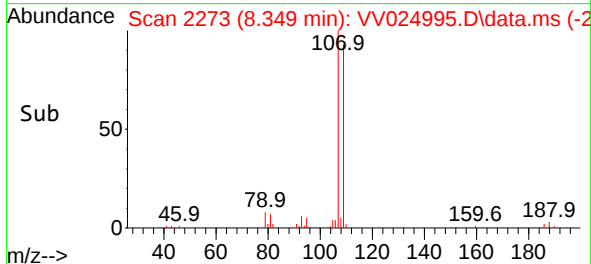
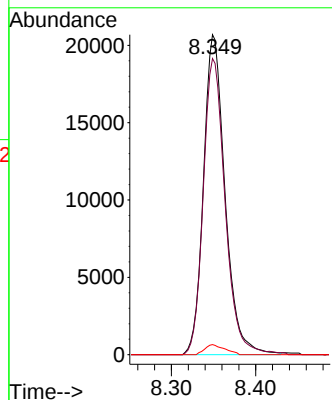
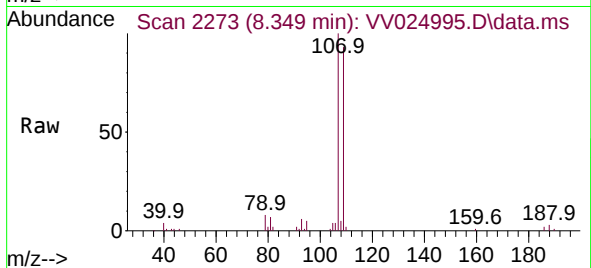
Instrument :

MSVOA_V

ClientSampleId :

VICV224

Tgt Ion:	107	Resp:	36855
Ion	Ratio	Lower	Upper
107	100		
109	92.5	65.5	121.6
188	3.1	2.4	3.6



#51

Chlorobenzene

Concen: 5.164 ug/L

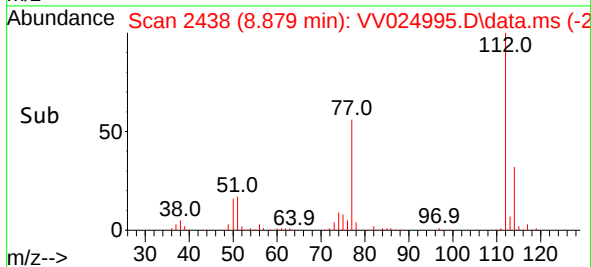
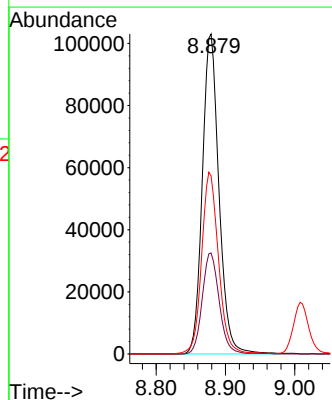
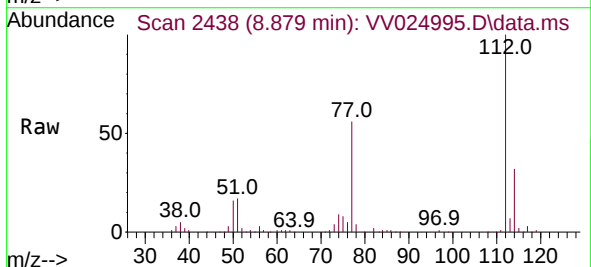
RT: 8.879 min Scan# 2438

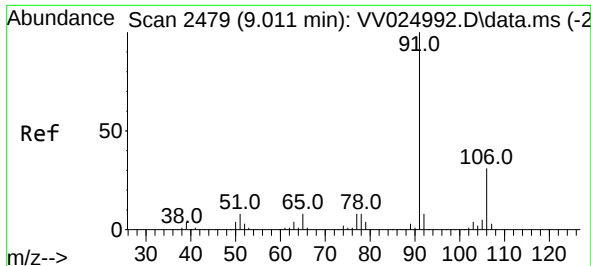
Delta R.T. -0.000 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Tgt Ion:	112	Resp:	171568
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	55.6	45.3	67.9





#52

Ethylbenzene

Concen: 5.276 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

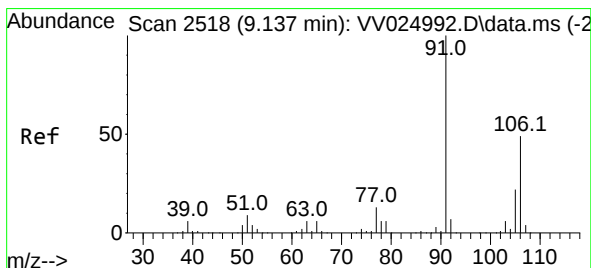
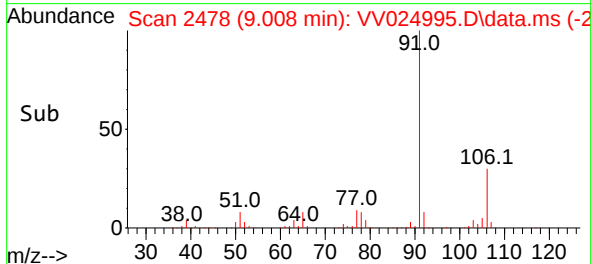
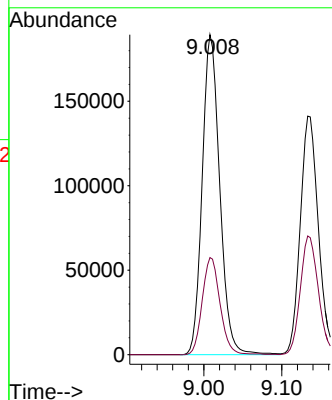
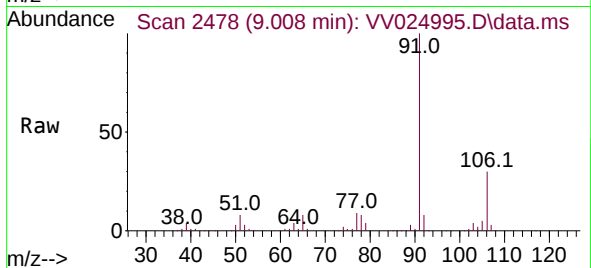
VICV224

Tgt Ion: 91 Resp: 296102

Ion Ratio Lower Upper

91 100

106 30.4 21.9 40.7



#53

m,p-xylene

Concen: 5.257 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV024995.D

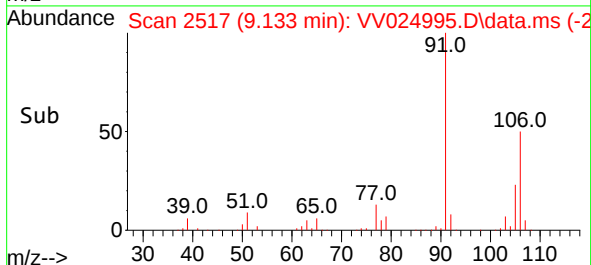
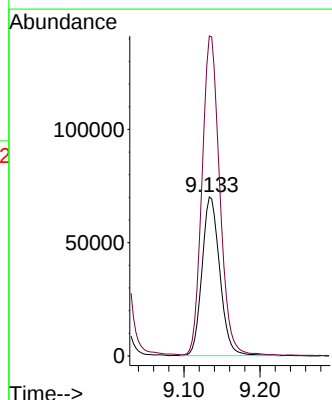
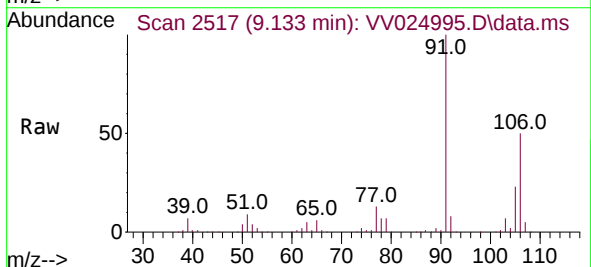
Acq: 15 Mar 2022 13:51

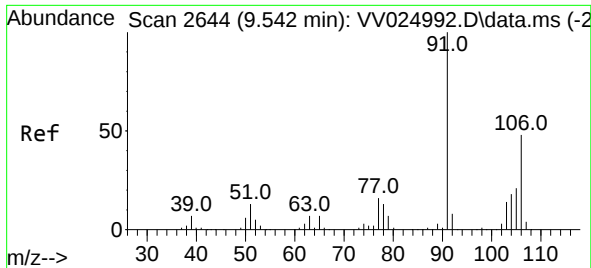
Tgt Ion: 106 Resp: 113615

Ion Ratio Lower Upper

106 100

91 201.1 143.4 266.4

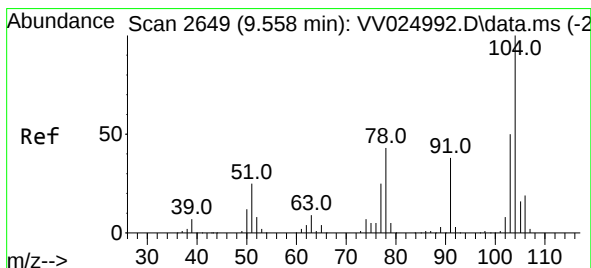
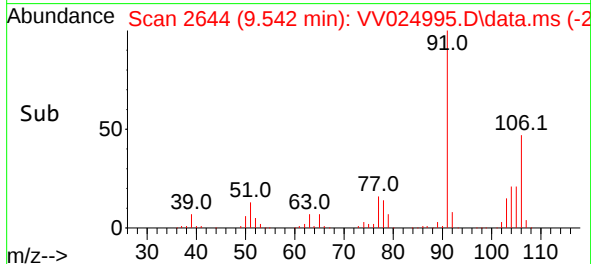
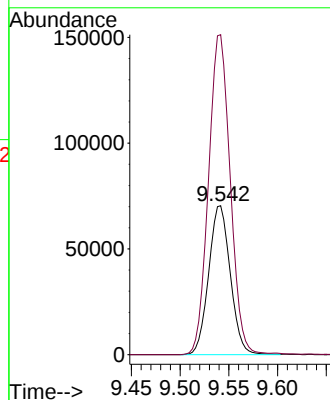
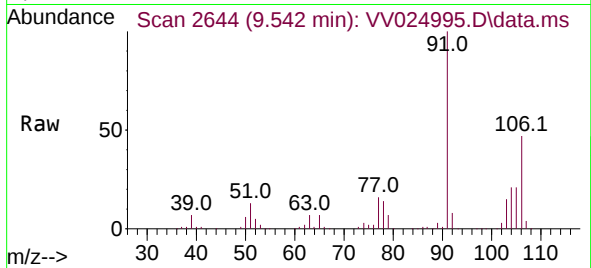




#54
o-xylene
Concen: 5.266 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

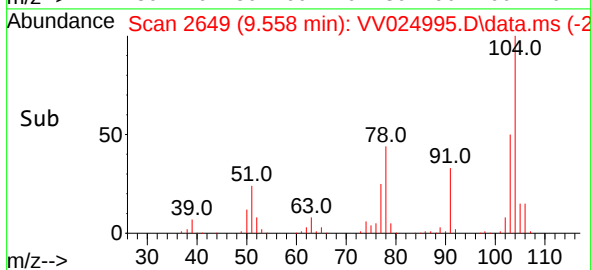
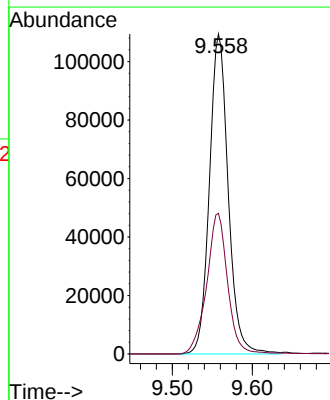
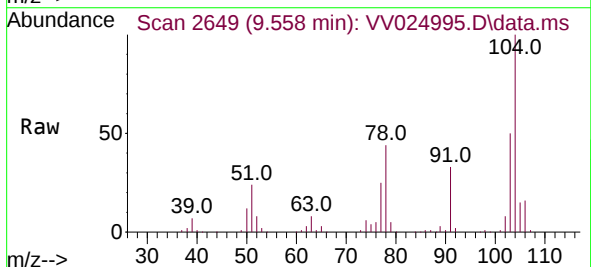
Instrument :
MSVOA_V
ClientSampleId :
VICV224

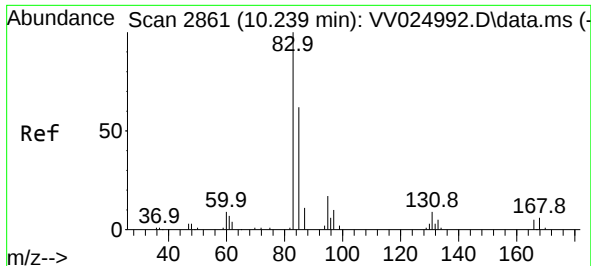
Tgt Ion:106 Resp: 108840
Ion Ratio Lower Upper
106 100
91 214.7 146.7 272.5



#55
Styrene
Concen: 5.311 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion:104 Resp: 178763
Ion Ratio Lower Upper
104 100
78 44.0 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.106 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

VICV224

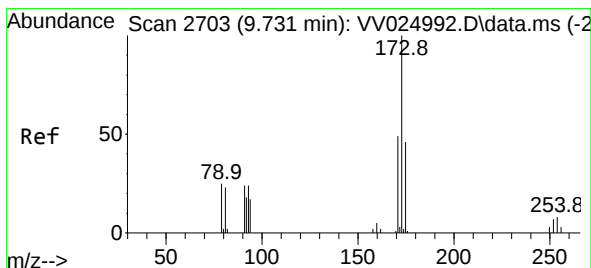
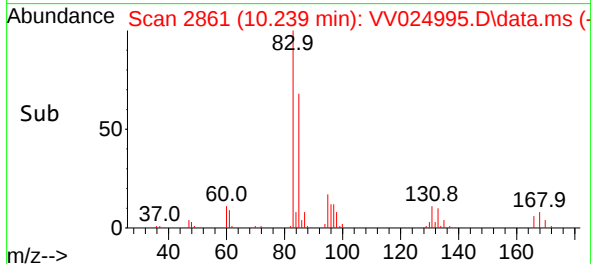
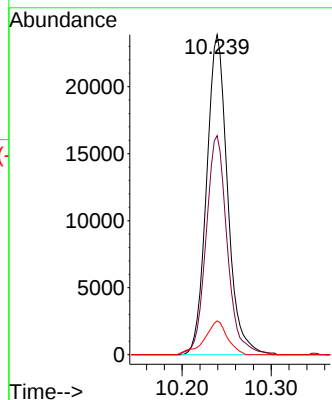
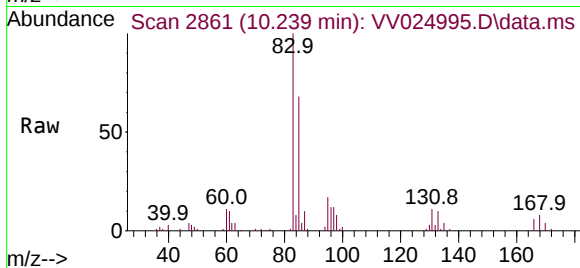
Tgt Ion: 83 Resp: 38952

Ion Ratio Lower Upper

83 100

85 68.4 43.9 81.5

131 10.5 7.5 11.3



#59

Bromoform

Concen: 5.015 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

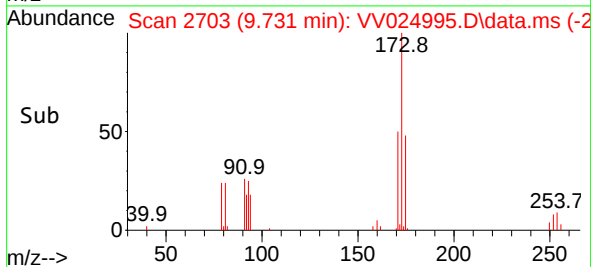
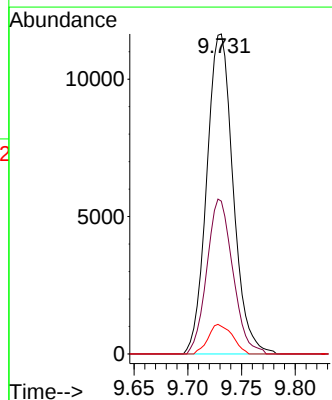
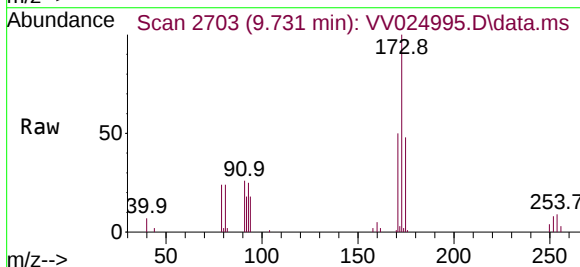
Tgt Ion: 173 Resp: 19844

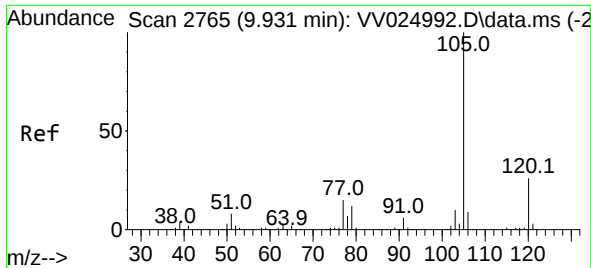
Ion Ratio Lower Upper

173 100

175 47.7 37.8 56.8

254 8.5 5.8 8.6

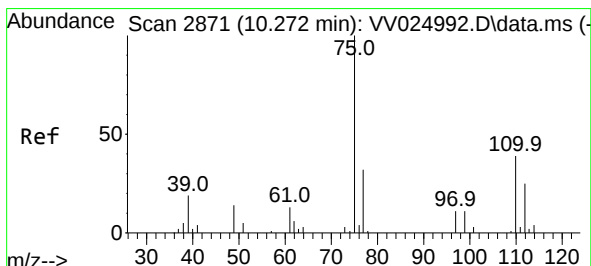
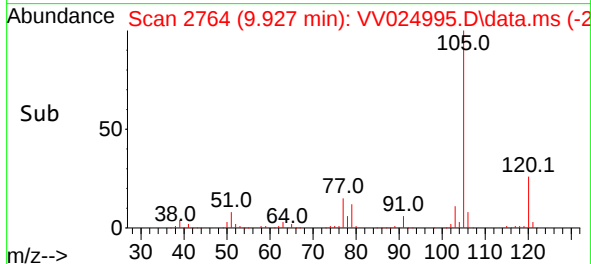
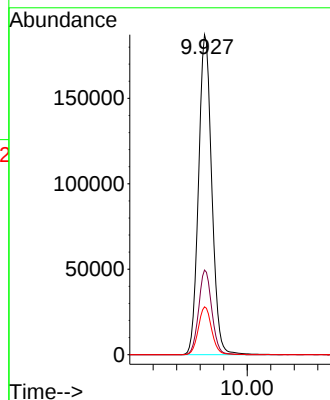
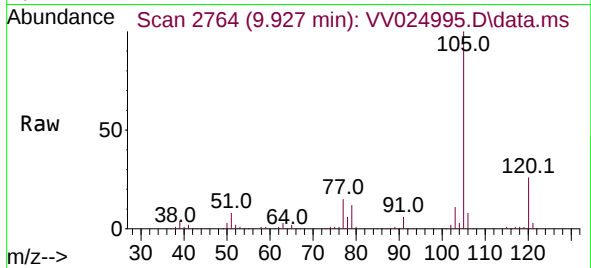




#60
Isopropylbenzene
Concen: 5.274 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

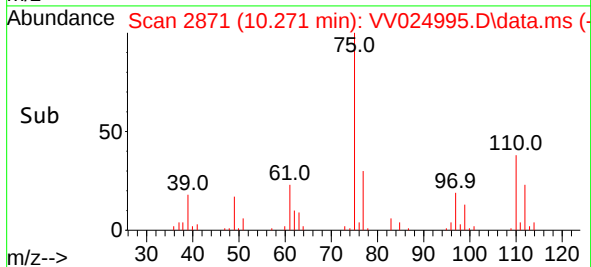
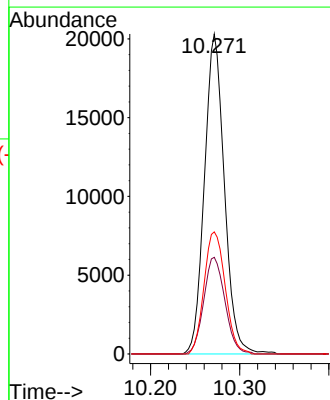
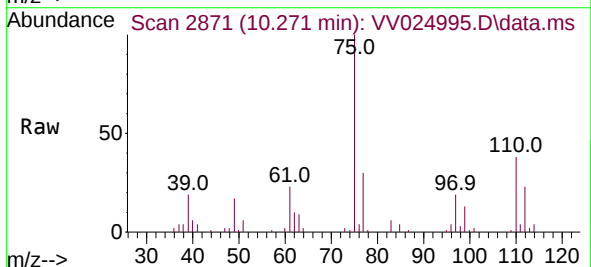
Instrument :
MSVOA_V
ClientSampleId :
VICV224

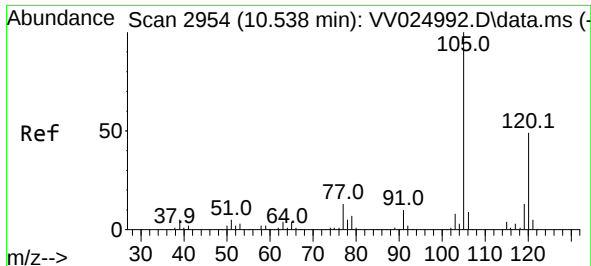
Tgt Ion:105 Resp: 292169
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.104 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 75 Resp: 31537
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 40.5 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.293 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024995.D

Acq: 15 Mar 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

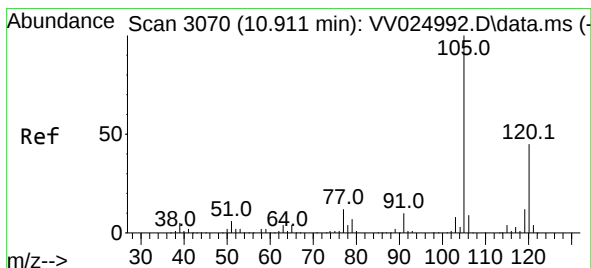
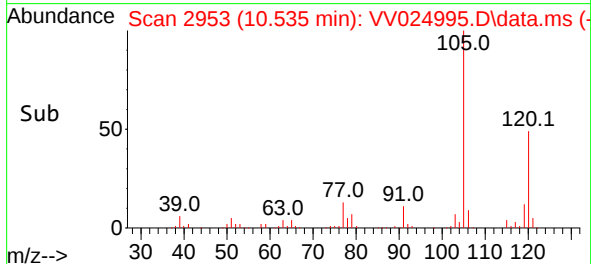
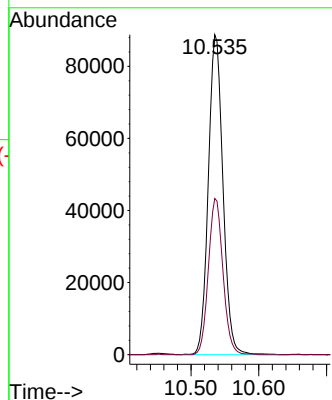
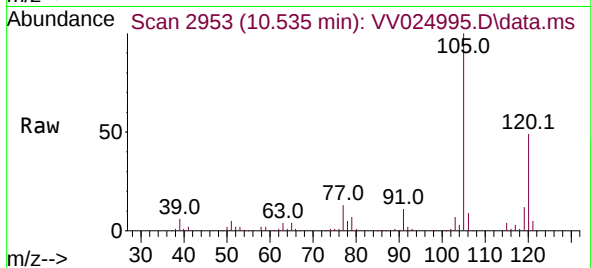
VICV224

Tgt Ion:105 Resp: 133074

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.412 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024995.D

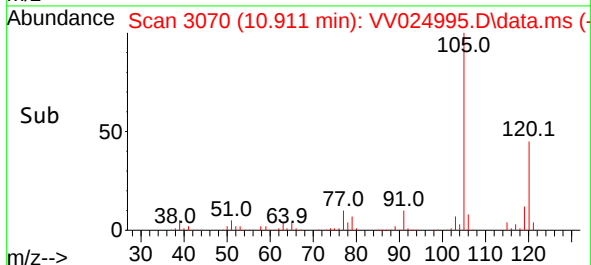
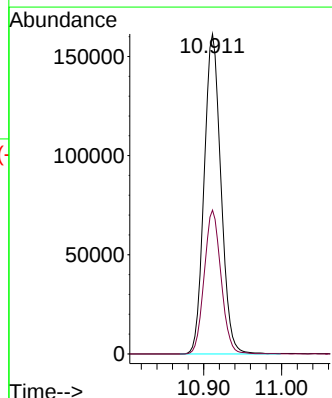
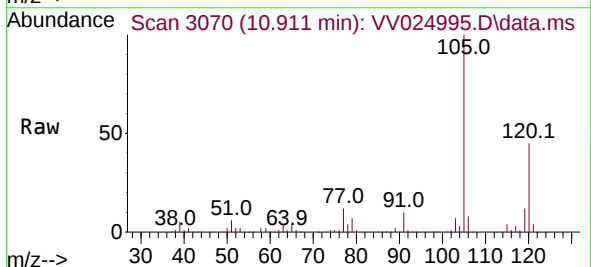
Acq: 15 Mar 2022 13:51

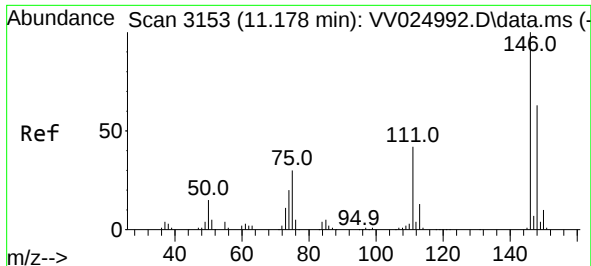
Tgt Ion:105 Resp: 240952

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

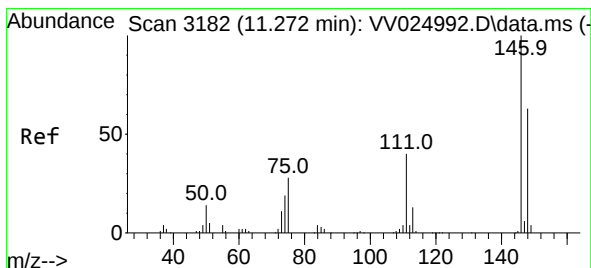
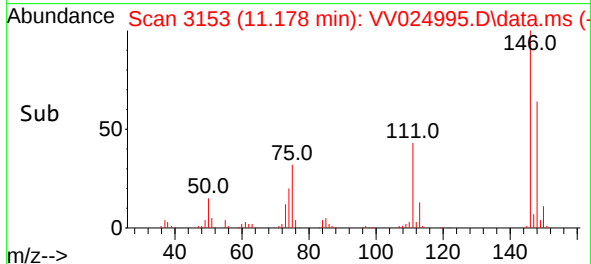
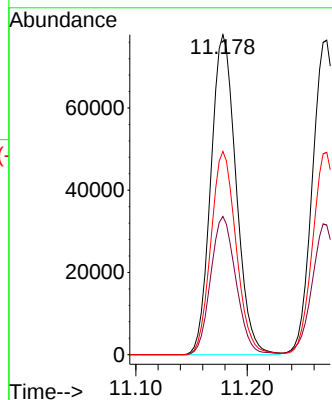
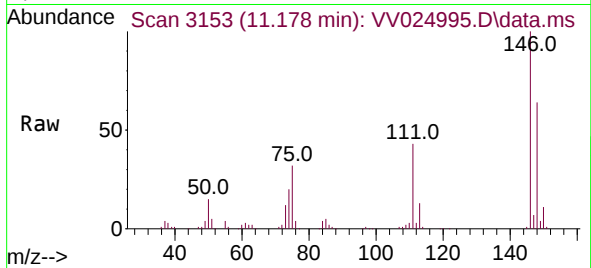




#64
1,3-Dichlorobenzene
Concen: 5.101 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

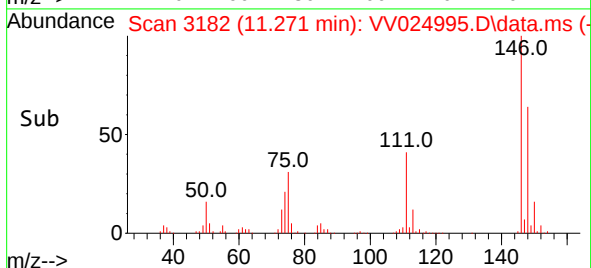
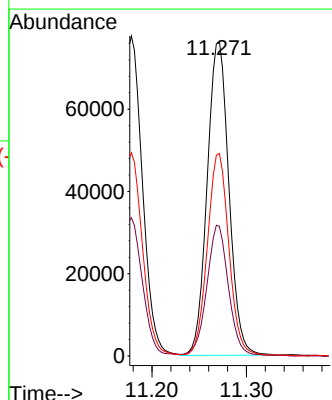
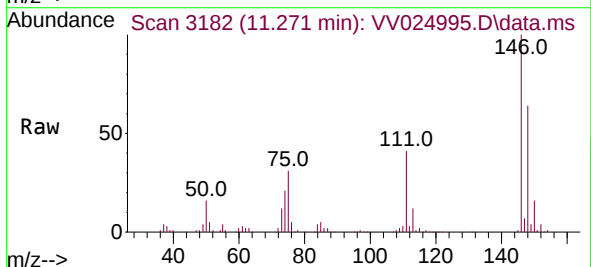
Instrument :
MSVOA_V
ClientSampleId :
VICV224

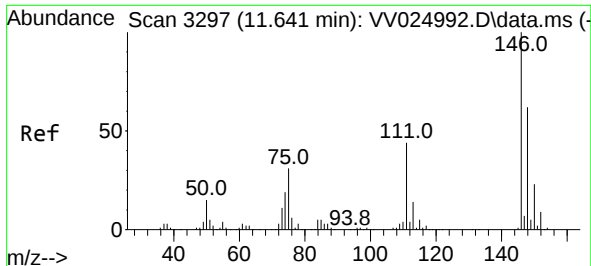
Tgt Ion:146 Resp: 122589
Ion Ratio Lower Upper
146 100
111 43.2 29.2 54.2
148 63.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion:146 Resp: 121799
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 64.3 43.8 81.4

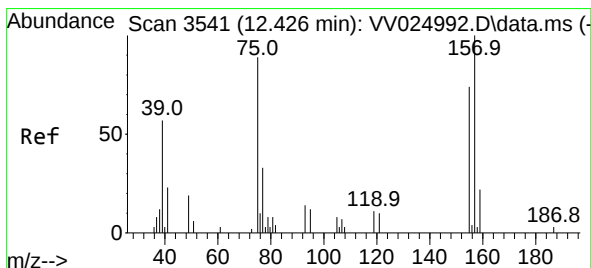
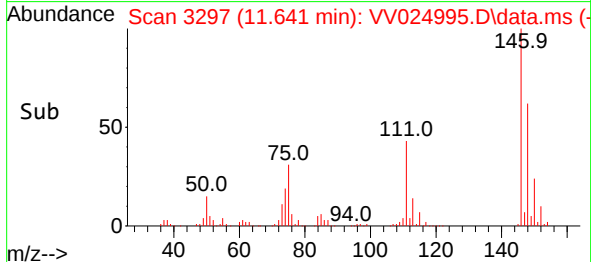
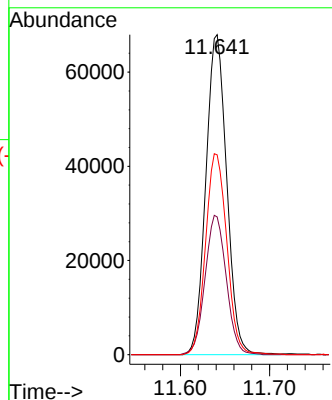
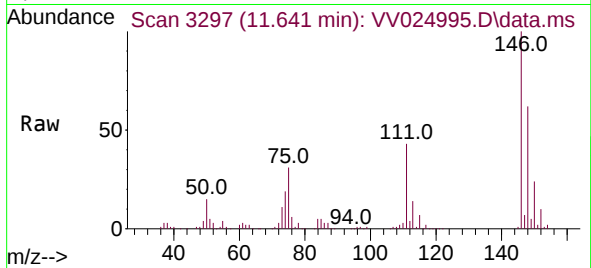




#67
1,2-Dichlorobenzene
Concen: 5.187 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

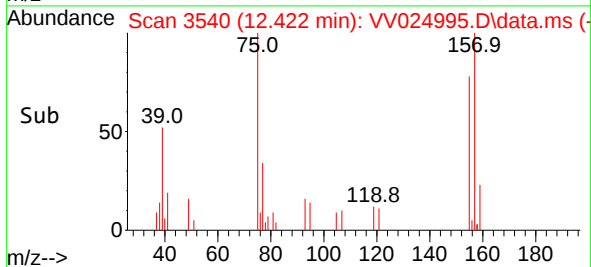
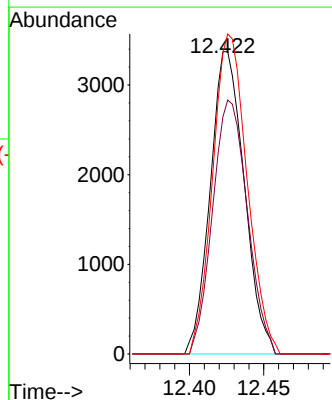
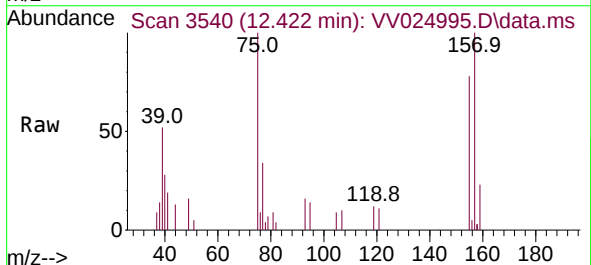
Instrument :
MSVOA_V
ClientSampleId :
VICV224

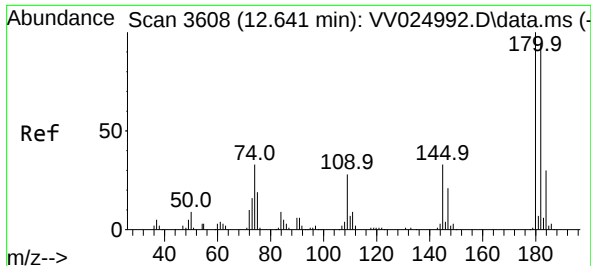
Tgt Ion:146 Resp: 110456
Ion Ratio Lower Upper
146 100
111 43.1 35.5 53.3
148 62.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.069 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion: 75 Resp: 5369
Ion Ratio Lower Upper
75 100
155 78.5 65.9 98.9
157 99.6 89.7 134.5

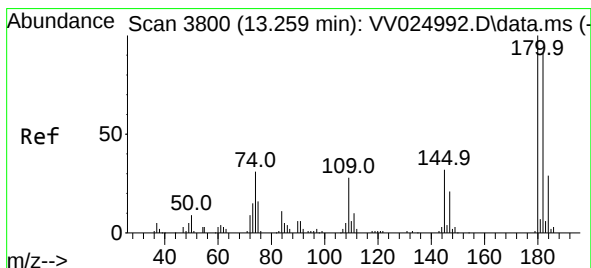
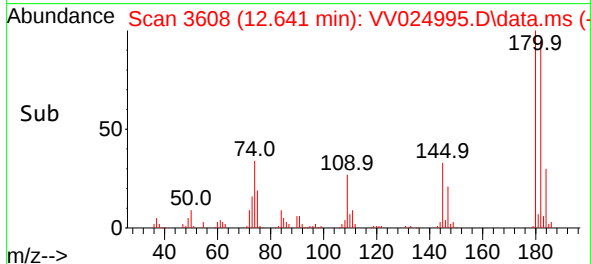
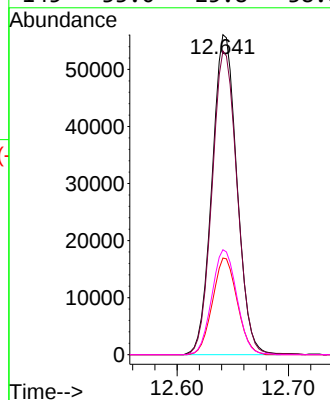
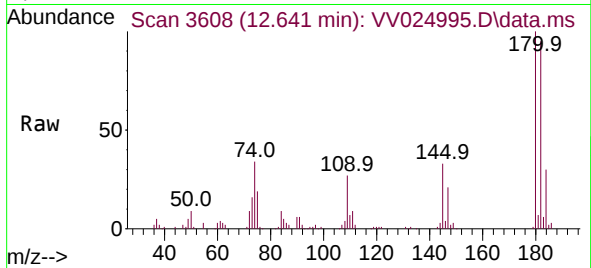




#69
 1,3,5-Trichlorobenzene
 Concen: 5.127 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

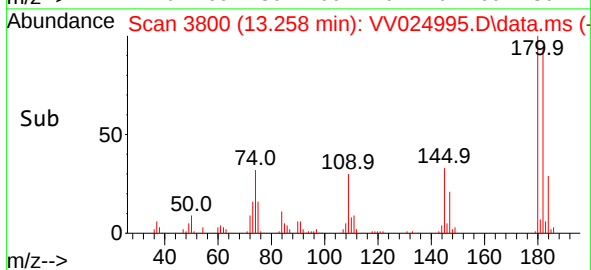
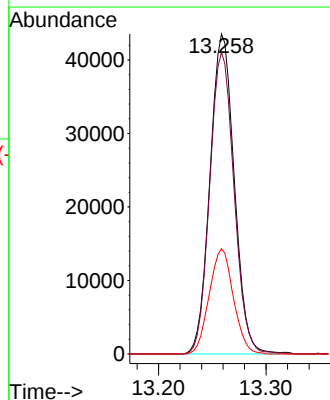
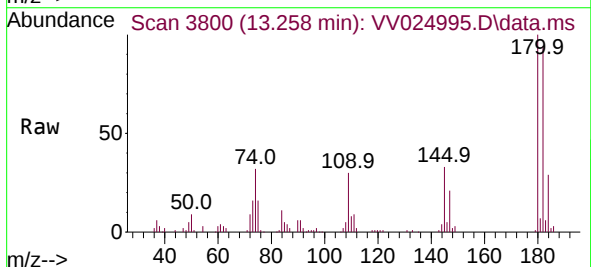
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV224

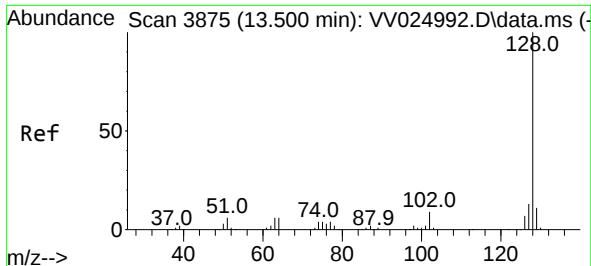
Tgt Ion:180	Resp:	87040
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.4 113.0
184	30.0	24.2 36.4
145	33.0	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.162 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024995.D
 Acq: 15 Mar 2022 13:51

Tgt Ion:180	Resp:	68277
Ion Ratio	Lower	Upper
180	100	
182	94.3	74.6 112.0
145	32.7	26.1 39.1

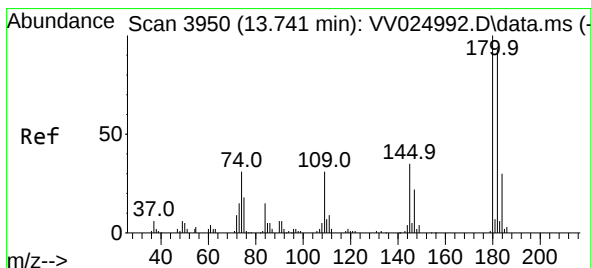
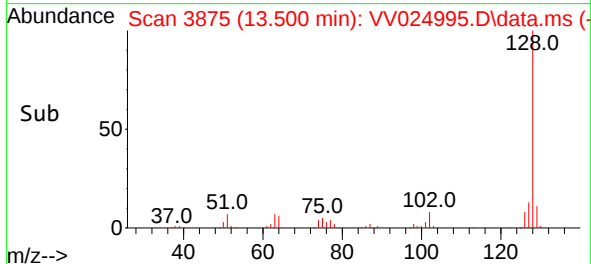
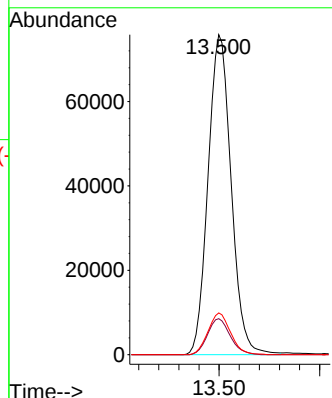
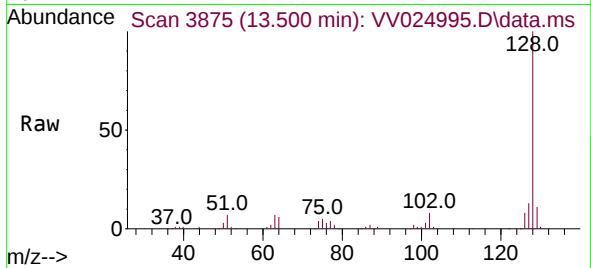




#71
Naphthalene
Concen: 5.501 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :
VICV224

Tgt Ion:128 Resp: 120825
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.251 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024995.D
Acq: 15 Mar 2022 13:51

Tgt Ion:180 Resp: 58853
Ion Ratio Lower Upper
180 100
182 93.5 74.8 112.2
145 34.1 27.6 41.4

