

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW025998.D
 Acq On : 06 Jun 2022 13:34
 Operator : SY/MD
 Sample : N3171-04MSDME
 Misc : 4.12g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMSD

Quant Time: Jun 07 02:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	383414	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	390435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219066	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154121	31.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.300%
7) Chloroethane-d5	1.571	69	121938	28.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.120%#
11) 1,1-Dichloroethene-d2	2.095	63	303464	35.065	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.120%
21) 2-Butanone-d5	3.921	46	131265	61.891	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.890%
24) Chloroform-d	4.346	84	288420	41.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.460%
26) 1,2-Dichloroethane-d4	5.030	65	169719	40.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.260%
32) Benzene-d6	5.043	84	569131	41.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.620%
36) 1,2-Dichloropropane-d6	6.066	67	176359	42.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.380%
41) Toluene-d8	7.313	98	525424	41.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	82689	44.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.620%
47) 2-Hexanone-d5	8.111	63	134116	87.504	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.500%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	250017	44.846	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.700%
66) 1,2-Dichlorobenzene-d4	11.625	152	206412	42.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	158477	39.978	ug/L	99
3) Chloromethane	1.243	50	193107	40.279	ug/L	99
5) Vinyl chloride	1.314	62	197562	40.533	ug/L	98
6) Bromomethane	1.523	94	107341	36.242	ug/L	97
8) Chloroethane	1.587	64	121263	33.313	ug/L	97
9) Trichlorofluoromethane	1.748	101	307760	44.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	157058	42.677	ug/L	96
12) 1,1-Dichloroethene	2.105	96	147628	40.785	ug/L	94
13) Acetone	2.195	43	110606	76.422	ug/L	93
14) Carbon disulfide	2.278	76	434651	48.548	ug/L	100
15) Methyl Acetate	2.439	43	145147	46.810	ug/L	97
16) Methylene chloride	2.500	84	169120	48.237	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	152636	49.082	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	483965	53.510	ug/L	98
19) 1,1-Dichloroethane	3.182	63	290064	49.938	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	170077	50.667	ug/L	97
22) 2-Butanone	4.002	43	154440	80.016	ug/L	95
23) Bromochloromethane	4.243	128	88177	49.733	ug/L	97
25) Chloroform	4.371	83	301238	48.941	ug/L	98

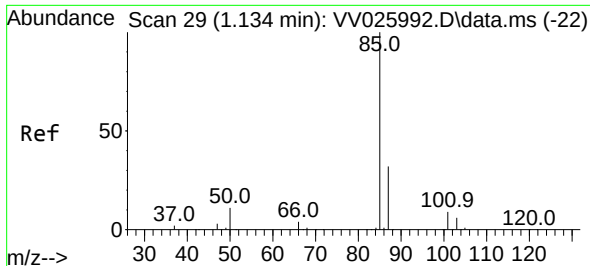
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	219674	47.206	ug/L	96
29) Cyclohexane	4.667	56	242007	51.199	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	256832	48.436	ug/L	98
31) Carbon tetrachloride	4.821	117	215661	48.444	ug/L	100
33) Benzene	5.095	78	660330	50.229	ug/L	100
34) Trichloroethene	5.911	95	167781	48.794	ug/L	98
35) Methylcyclohexane	6.127	83	262175	50.909	ug/L	100
37) 1,2-Dichloropropane	6.172	63	169541	51.338	ug/L	99
38) Bromodichloromethane	6.509	83	223534	50.054	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	254698	54.083	ug/L	98
40) 4-Methyl-2-pentanone	7.239	43	196698	50.954	ug/L	97
42) Toluene	7.384	91	710134	50.353	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	245013	54.078	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	172308	51.350	ug/L	96
46) Tetrachloroethene	7.972	164	124523	49.094	ug/L	97
48) 2-Hexanone	8.162	43	321268	106.962	ug/L	98
49) Dibromochloromethane	8.246	129	177075	53.500	ug/L	100
50) 1,2-Dibromoethane	8.352	107	175582	51.455	ug/L	97
51) Chlorobenzene	8.882	112	458041	50.719	ug/L	99
52) Ethylbenzene	9.014	91	765814	52.633	ug/L	99
53) m,p-Xylene	9.140	106	300837	53.306	ug/L	98
54) o-Xylene	9.545	106	292708	52.799	ug/L	99
55) Styrene	9.564	104	528241	54.685	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	262468	52.425	ug/L	99
59) Bromoform	9.738	173	115374	54.596	ug/L	99
60) Isopropylbenzene	9.934	105	781845	53.282	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	210941	48.648	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	410276	54.244	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	640522	54.581	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	363429	52.324	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	369913	50.819	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	366261	50.980	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	45777	45.728	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	253361	52.829	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	218702	53.553	ug/L	98
71) Naphthalene	13.500	128	666892	55.140	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	223186	53.629	ug/L	100

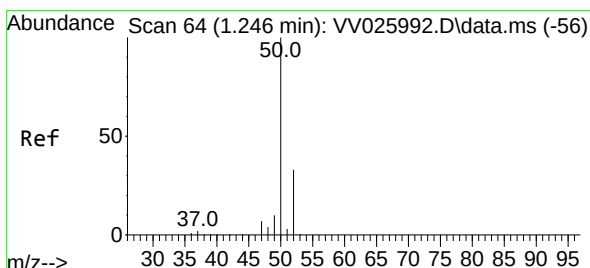
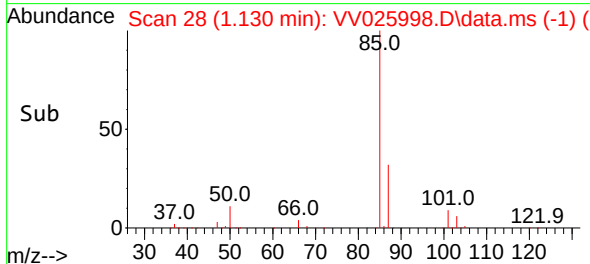
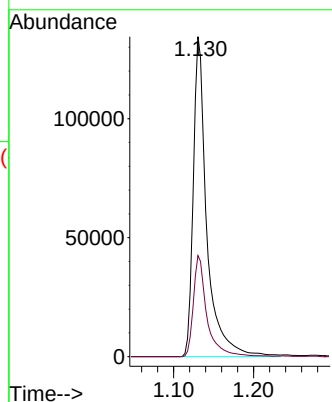
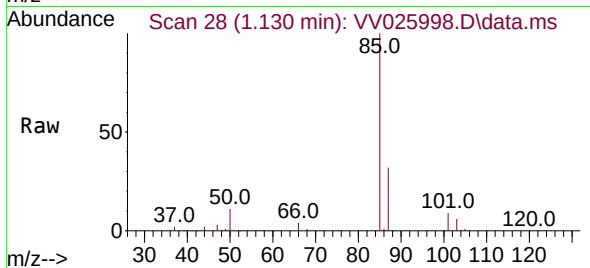
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 39.978 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

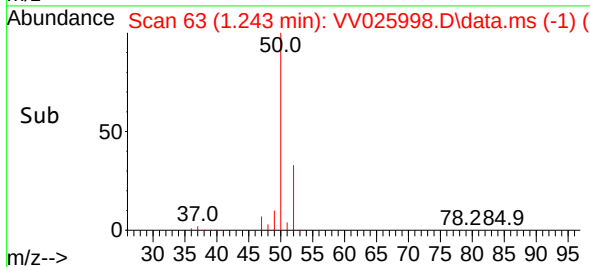
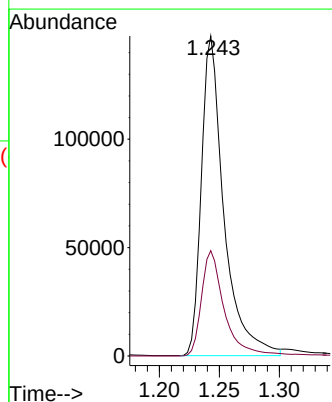
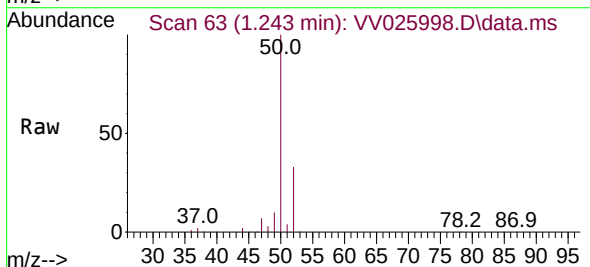
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMSD

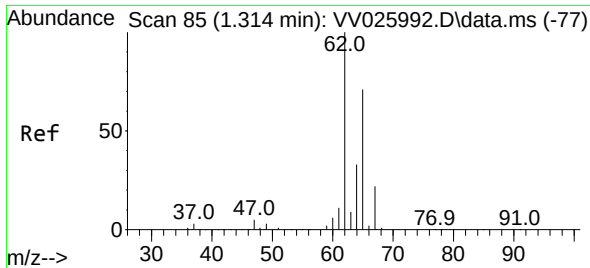
Tgt Ion: 85 Resp: 158477
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 40.279 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.003 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

Tgt Ion: 50 Resp: 193107
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

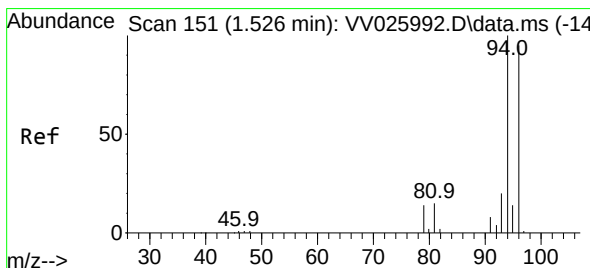
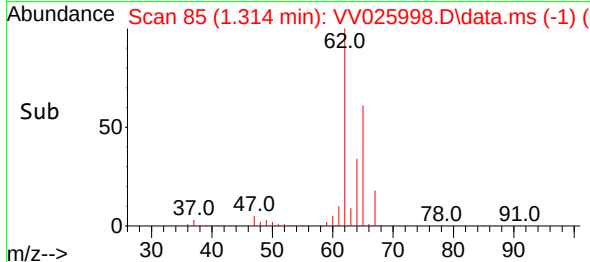
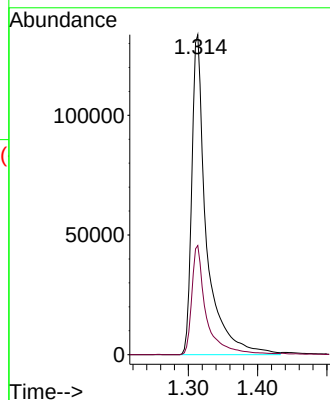
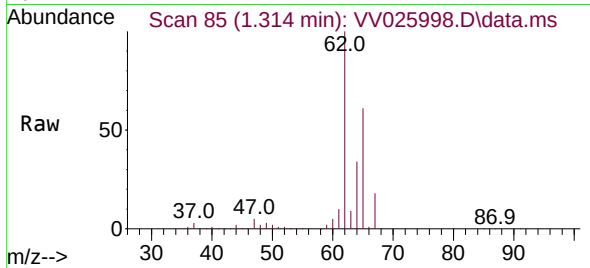




#5
 Vinyl chloride
 Concen: 40.533 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

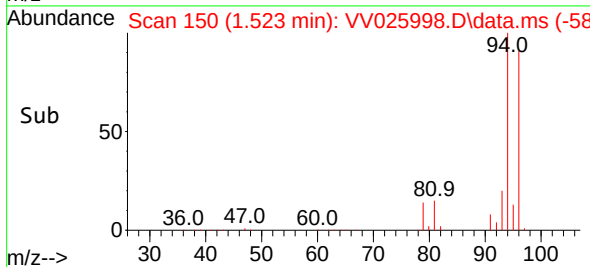
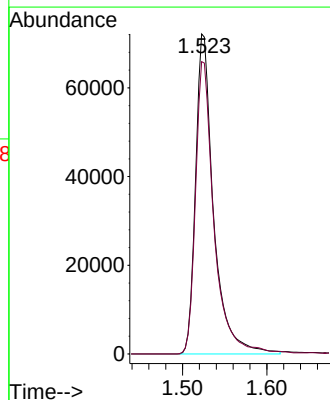
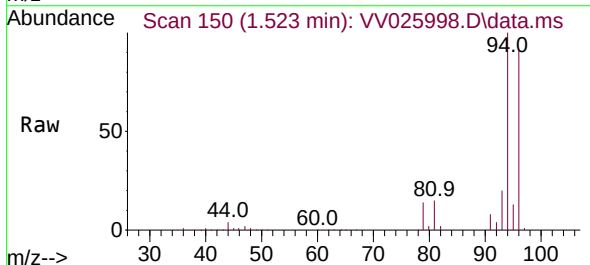
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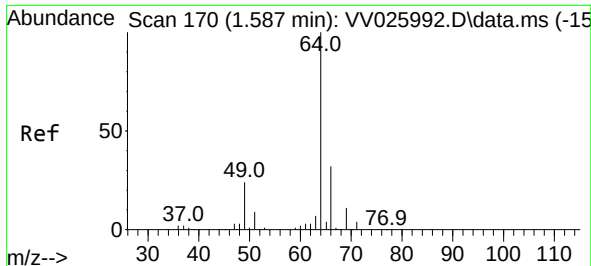
Tgt Ion: 62 Resp: 197562
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.0



#6
 Bromomethane
 Concen: 36.242 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

Tgt Ion: 94 Resp: 107341
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.9 122.3

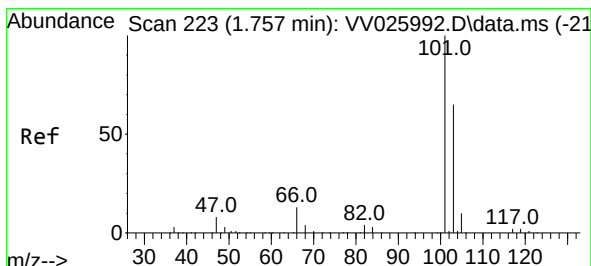
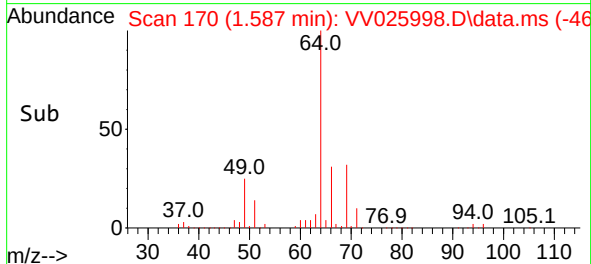
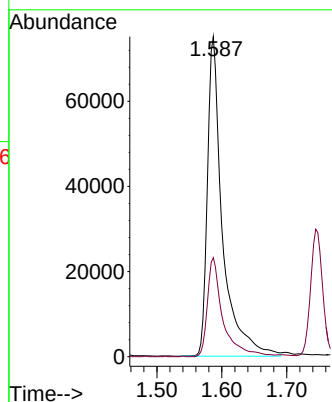
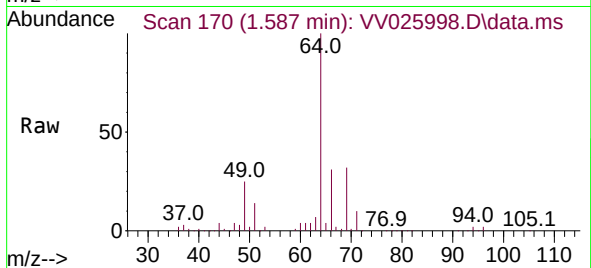




#8
Chloroethane
Concen: 33.313 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

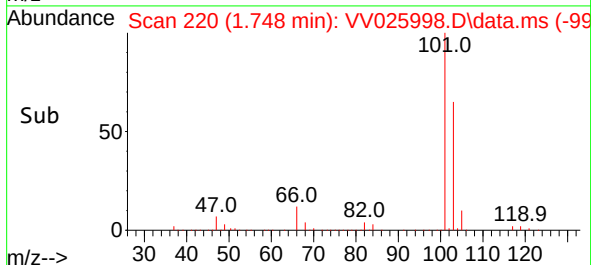
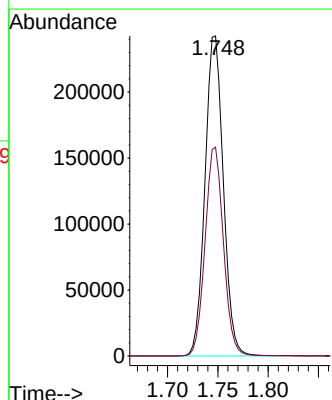
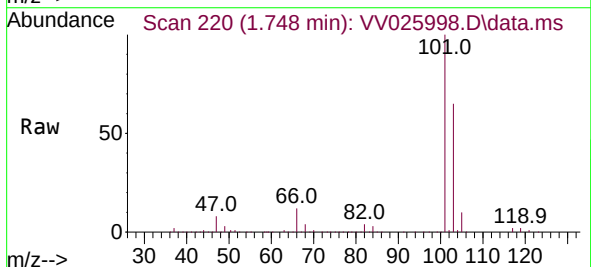
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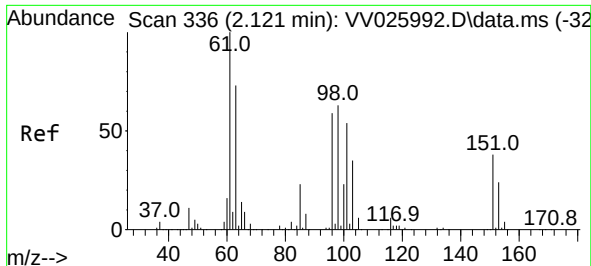
Tgt Ion: 64 Resp: 121263
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 44.431 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.010 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion:101 Resp: 307760
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

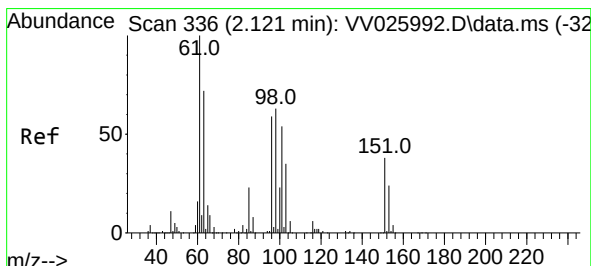
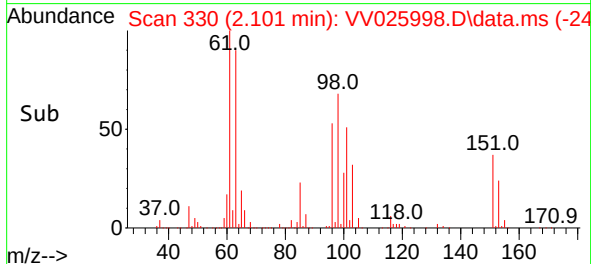
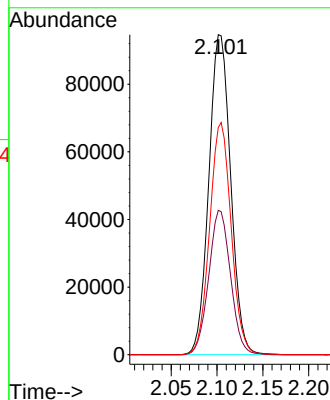
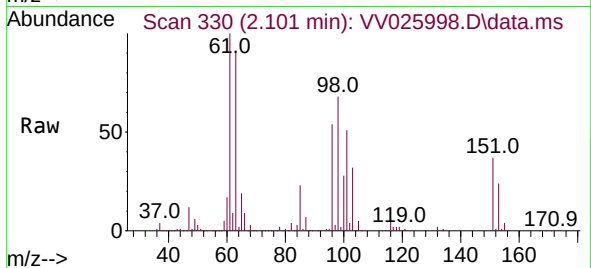




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.677 ug/L
 RT: 2.101 min Scan# 311
 Delta R.T. -0.019 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

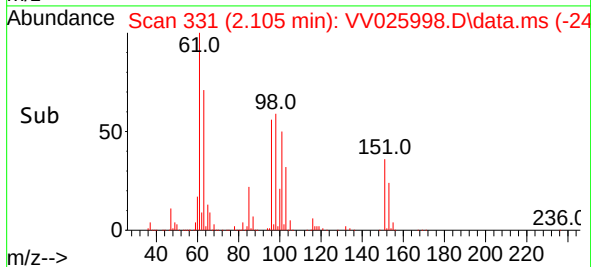
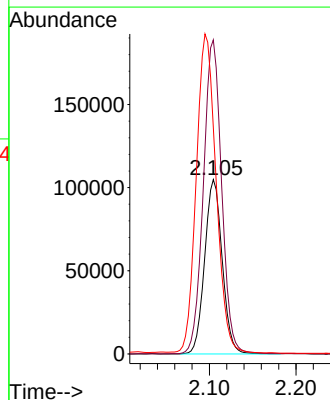
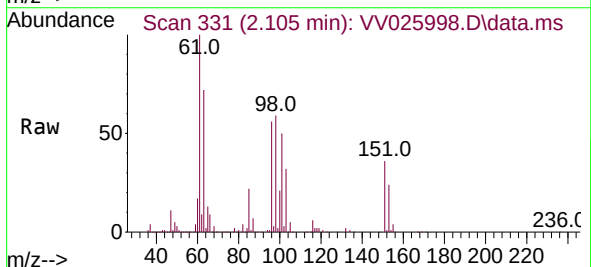
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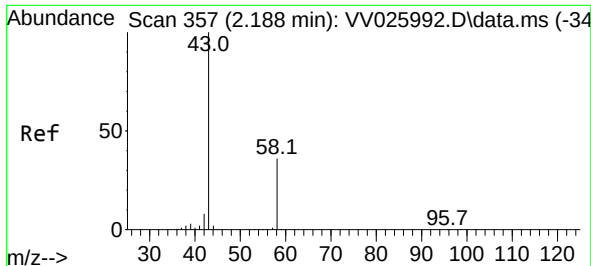
Tgt Ion:101 Resp: 157058
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.6 51.8
 151 71.5 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 40.785 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.016 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

Tgt Ion: 96 Resp: 147628
 Ion Ratio Lower Upper
 96 100
 61 180.0 124.6 231.4
 63 129.9 101.6 188.6





#13

Acetone

Concen: 76.422 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

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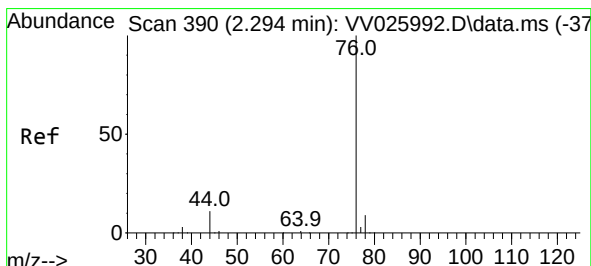
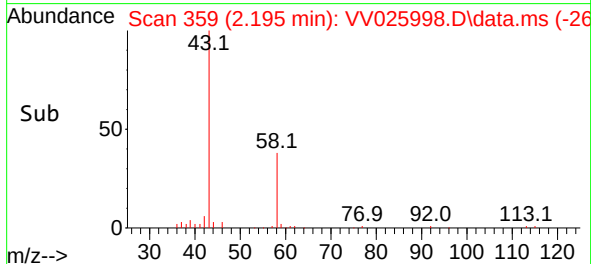
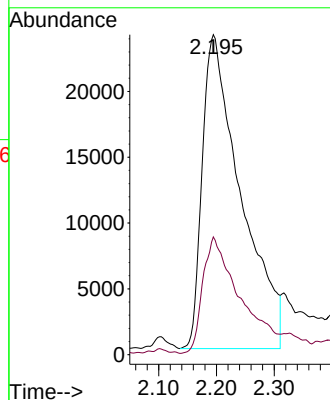
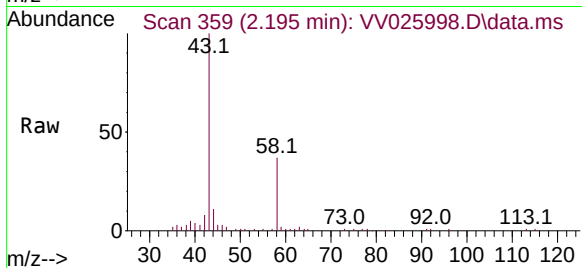
DBTY9MEMSD

Tgt Ion: 43 Resp: 110606

Ion Ratio Lower Upper

43 100

58 36.2 0.0 65.0



#14

Carbon disulfide

Concen: 48.548 ug/L

RT: 2.278 min Scan# 385

Delta R.T. -0.016 min

Lab File: VV025998.D

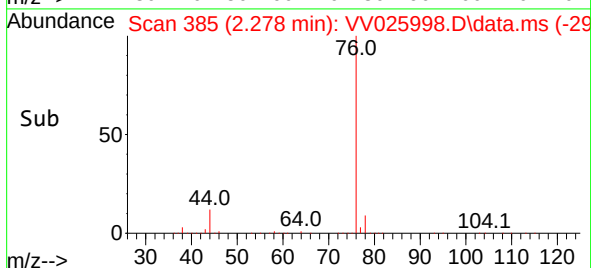
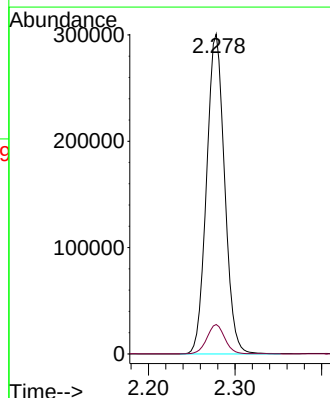
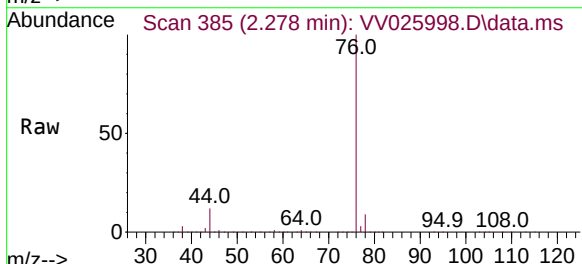
Acq: 06 Jun 2022 13:34

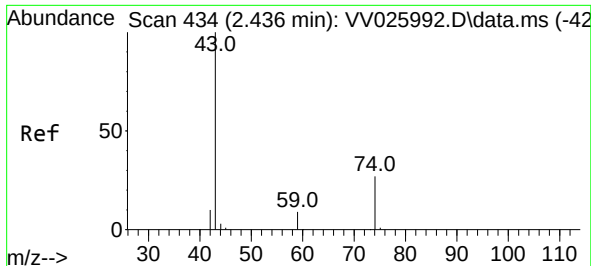
Tgt Ion: 76 Resp: 434651

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

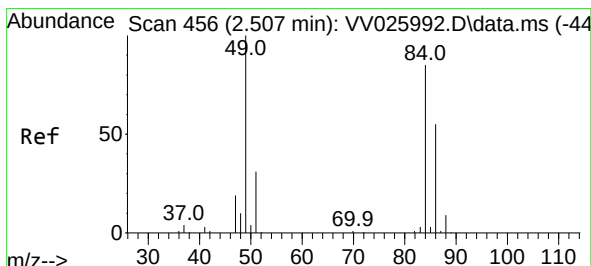
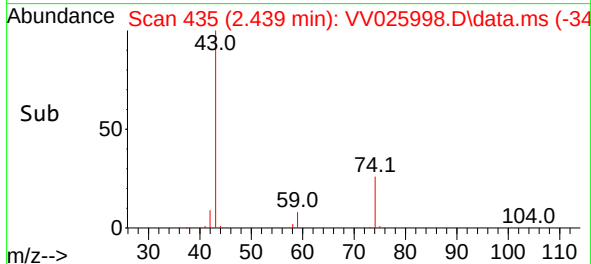
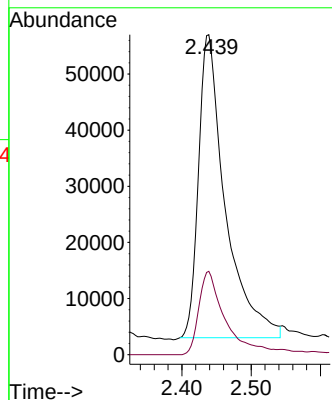
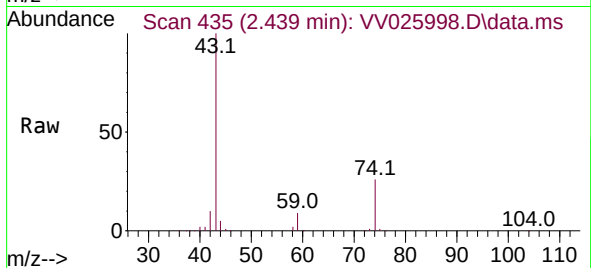




#15
Methyl Acetate
Concen: 46.810 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

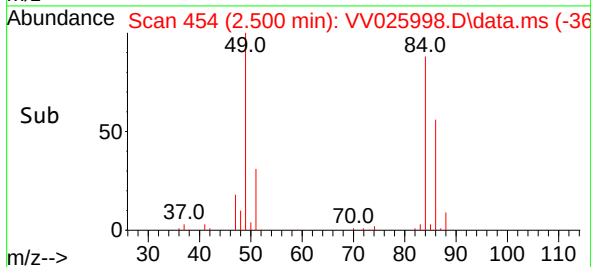
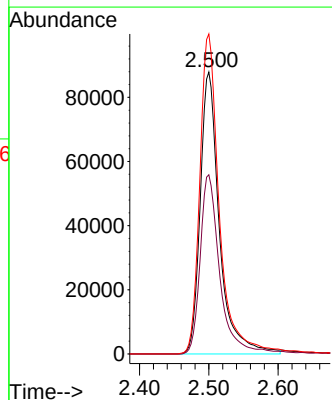
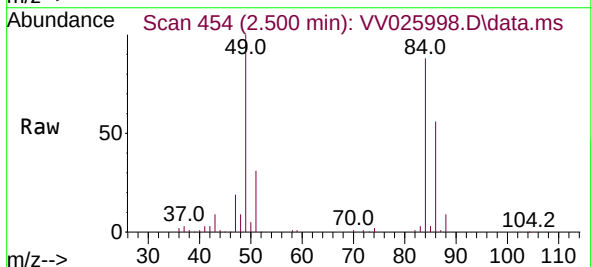
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

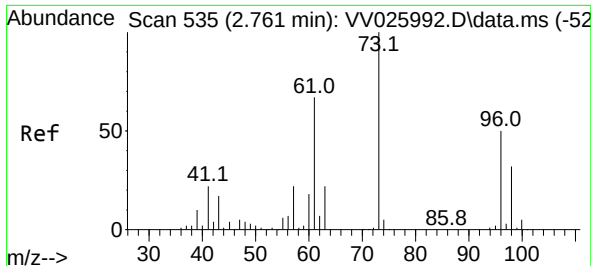
Tgt Ion: 43 Resp: 145147
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1



#16
Methylene chloride
Concen: 48.237 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.007 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 84 Resp: 169120
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.0
49 113.5 82.7 153.5

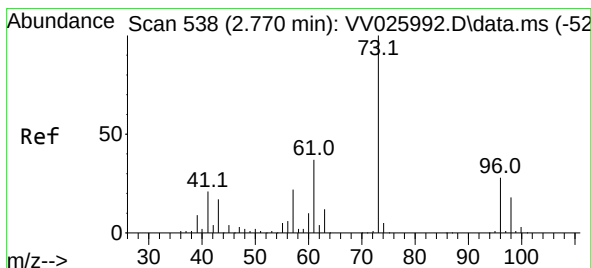
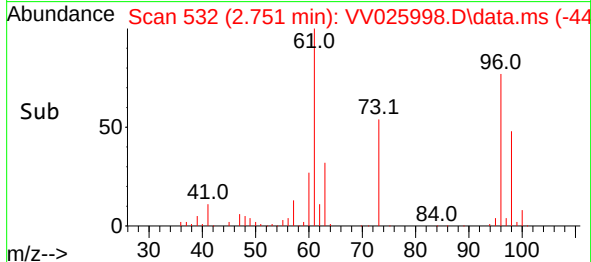
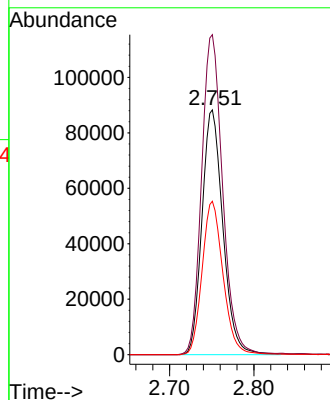
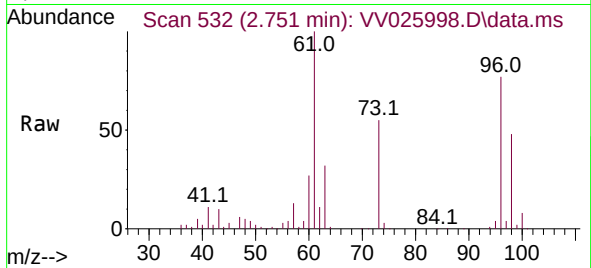




#17
trans-1,2-Dichloroethene
Concen: 49.082 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.010 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

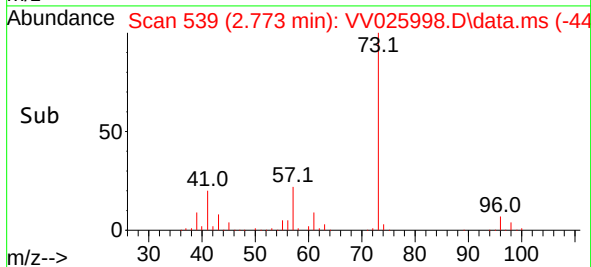
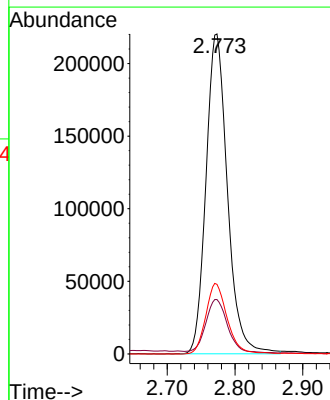
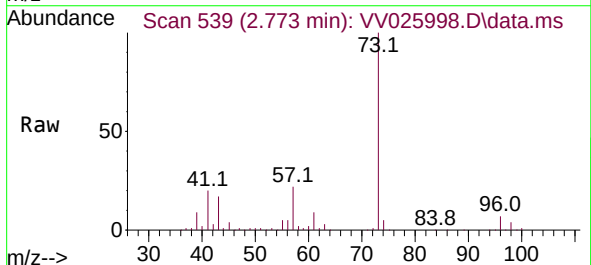
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

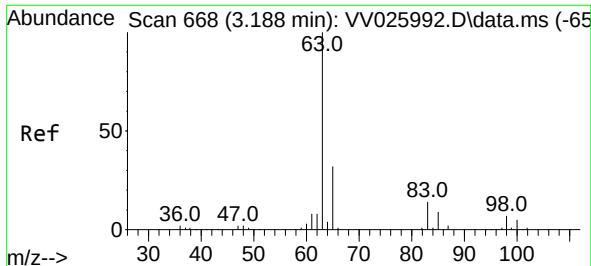
Tgt Ion: 96 Resp: 152636
Ion Ratio Lower Upper
96 100
61 130.7 92.7 172.1
98 62.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 53.510 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 73 Resp: 483965
Ion Ratio Lower Upper
73 100
43 16.7 14.6 22.0
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 49.938 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

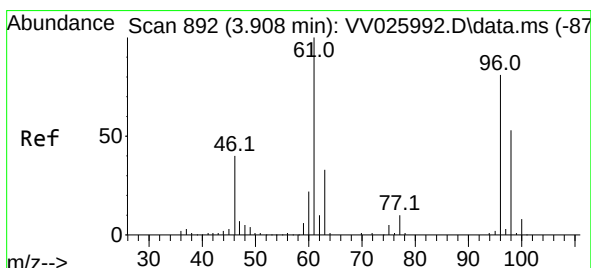
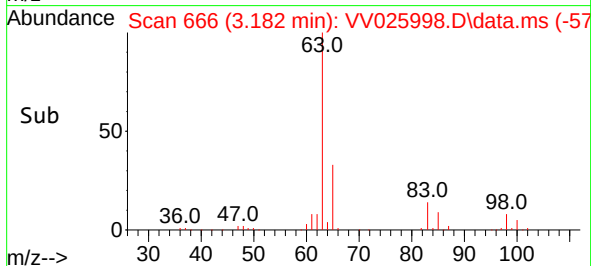
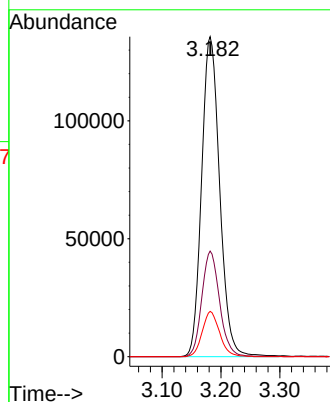
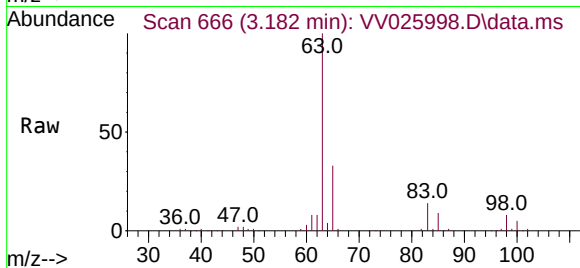
Tgt Ion: 63 Resp: 290064

Ion Ratio Lower Upper

63 100

65 33.0 22.0 40.8

83 14.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 50.667 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

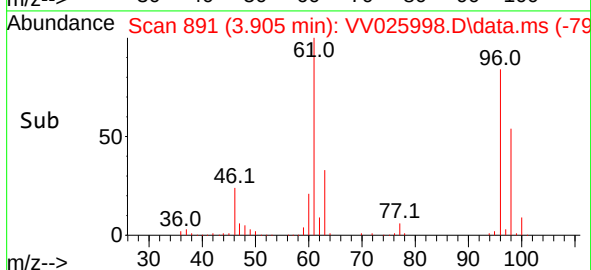
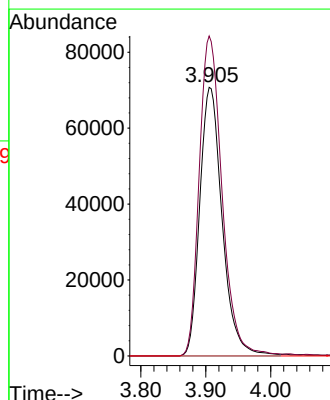
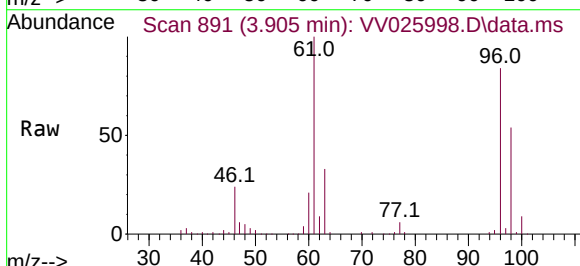
Tgt Ion: 96 Resp: 170077

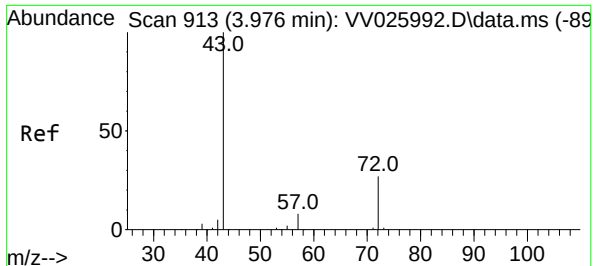
Ion Ratio Lower Upper

96 100

61 119.1 86.0 159.6

68 0.0 0.0 0.0

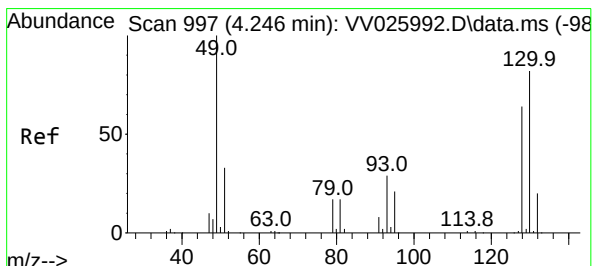
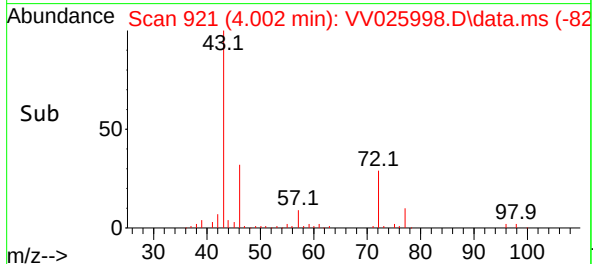
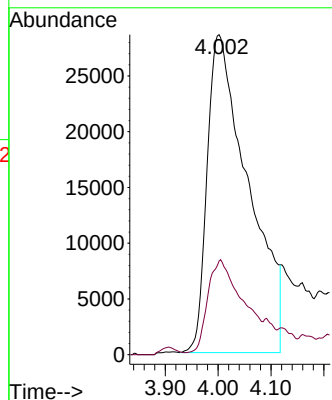
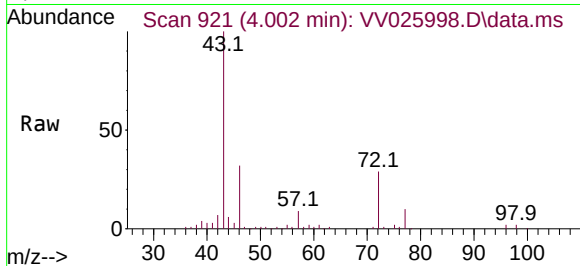




#22
2-Butanone
Concen: 80.016 ug/L
RT: 4.002 min Scan# 913
Delta R.T. 0.026 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

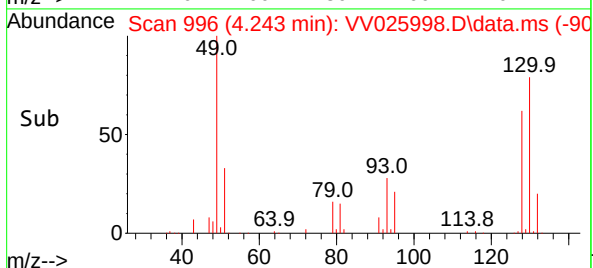
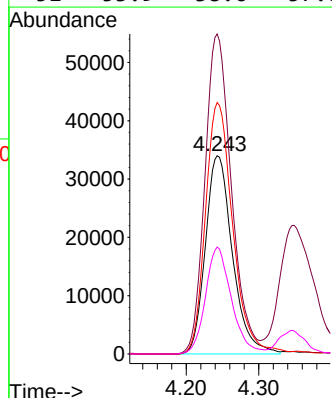
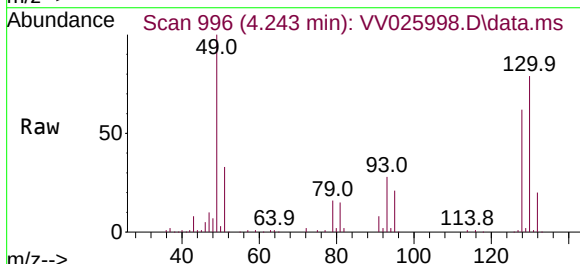
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

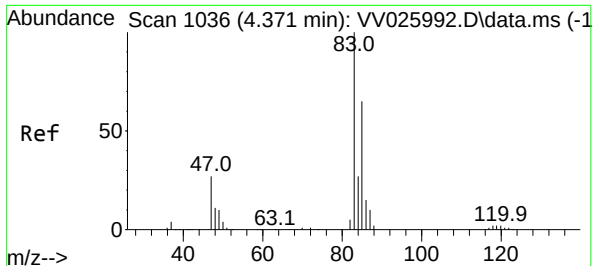
Tgt Ion: 43 Resp: 154440
Ion Ratio Lower Upper
43 100
72 24.9 13.8 41.4



#23
Bromochloromethane
Concen: 49.733 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 128 Resp: 88177
Ion Ratio Lower Upper
128 100
49 161.4 111.0 206.2
130 126.8 87.1 161.7
51 53.9 38.6 57.8

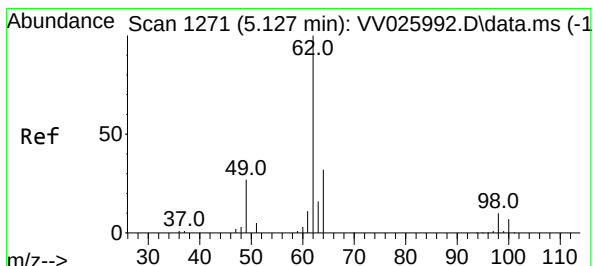
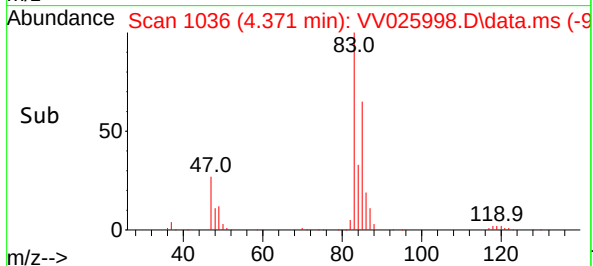
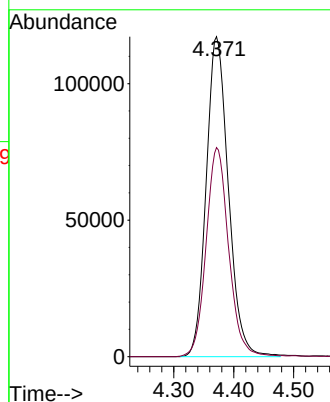
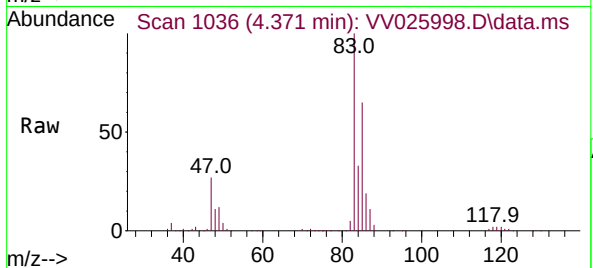




#25
Chloroform
Concen: 48.941 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

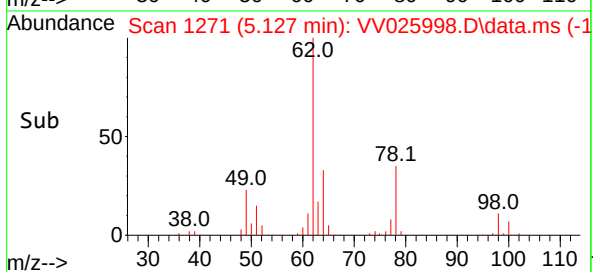
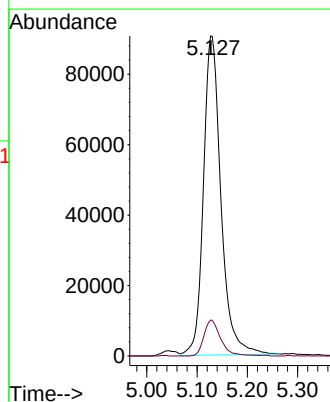
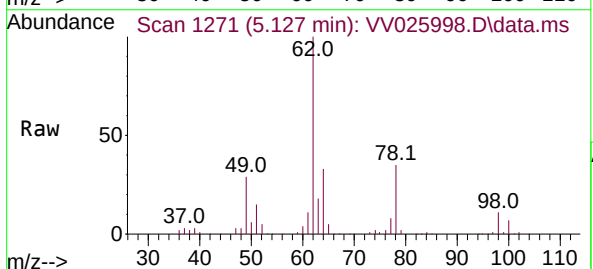
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

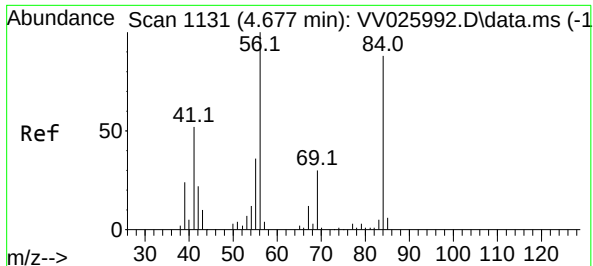
Tgt Ion: 83 Resp: 301238
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.3



#27
1,2-Dichloroethane
Concen: 47.206 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 62 Resp: 219674
Ion Ratio Lower Upper
62 100
98 11.2 7.7 11.5





#29

Cyclohexane

Concen: 51.199 ug/L

RT: 4.667 min Scan# 1131

Delta R.T. -0.010 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

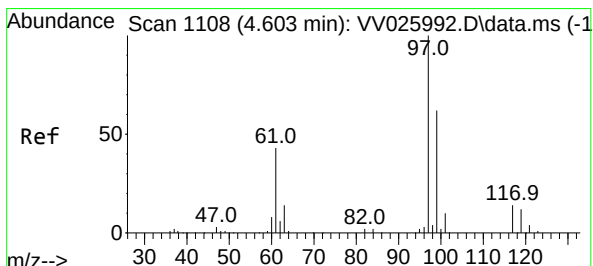
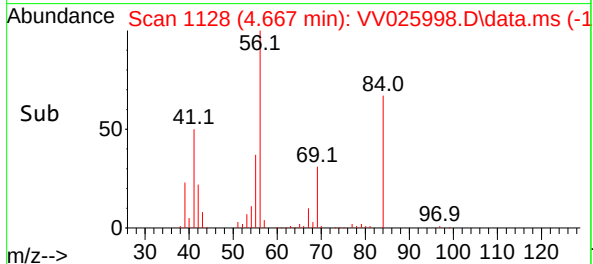
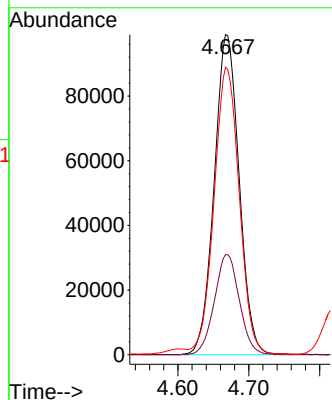
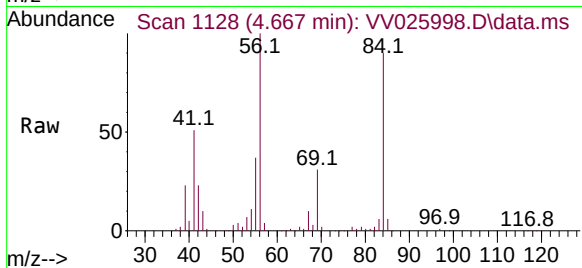
Tgt Ion: 56 Resp: 242007

Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 90.1 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 48.436 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

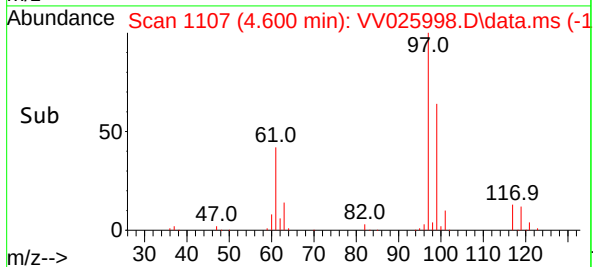
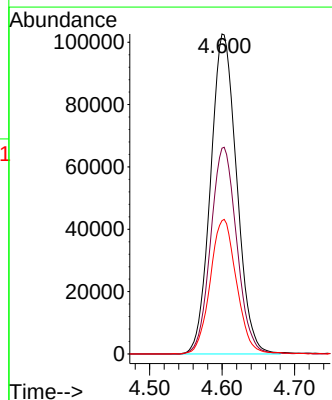
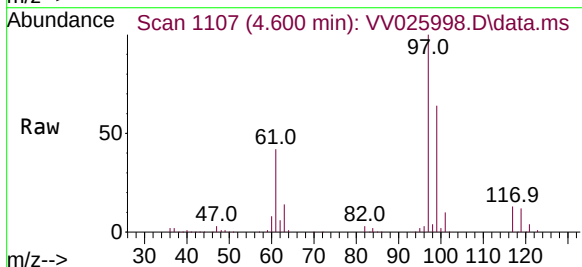
Tgt Ion: 97 Resp: 256832

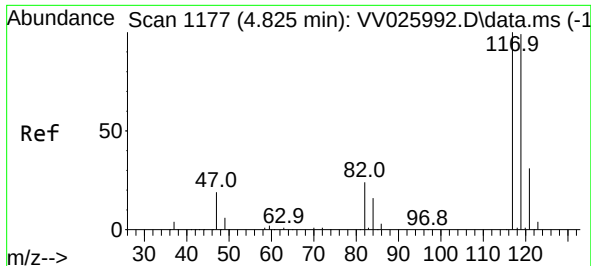
Ion Ratio Lower Upper

97 100

99 64.6 52.6 78.8

61 42.1 35.6 53.4

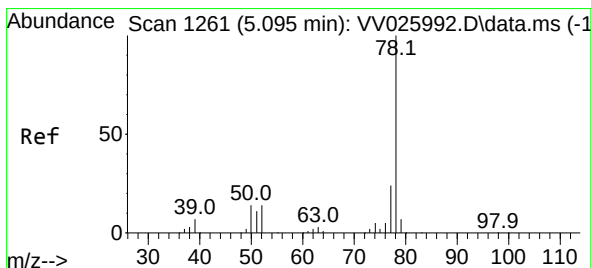
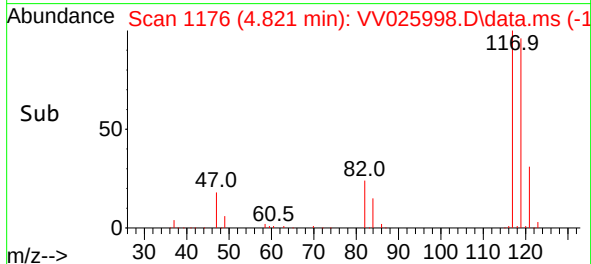
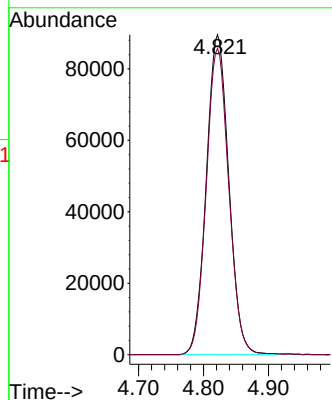
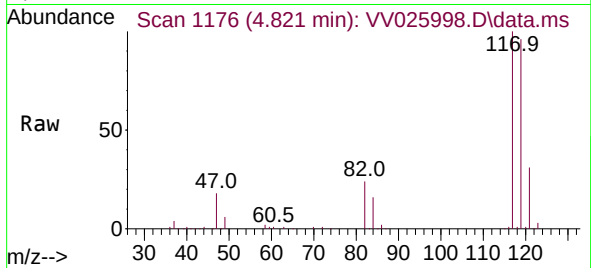




#31
Carbon tetrachloride
Concen: 48.444 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

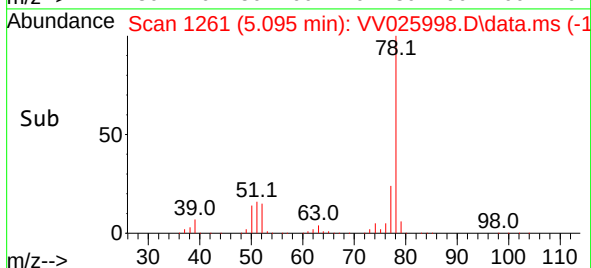
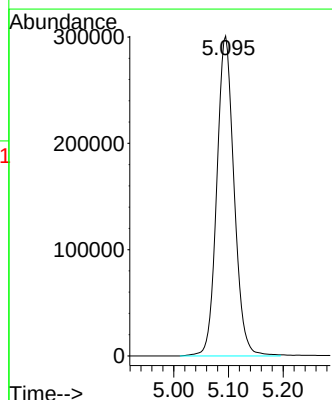
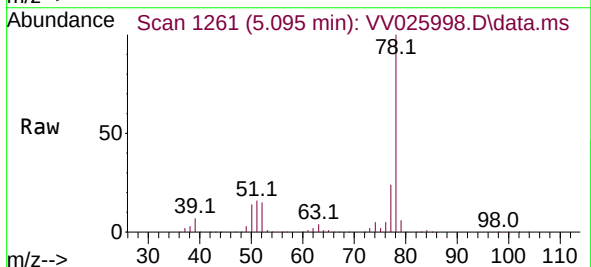
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

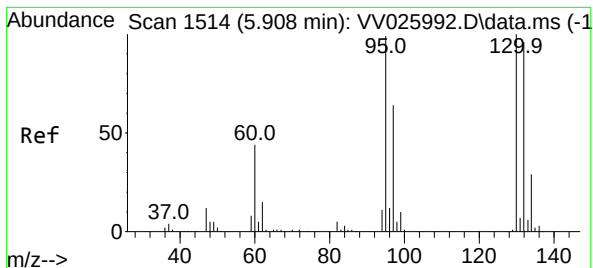
Tgt Ion:117 Resp: 215661
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 50.229 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 78 Resp: 660330





#34

Trichloroethene

Concen: 48.794 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

Tgt Ion: 95 Resp: 167781

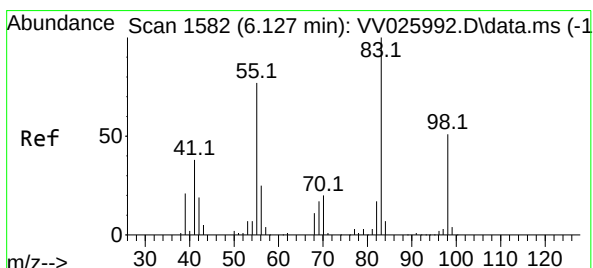
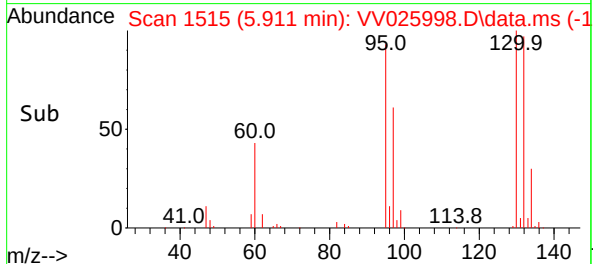
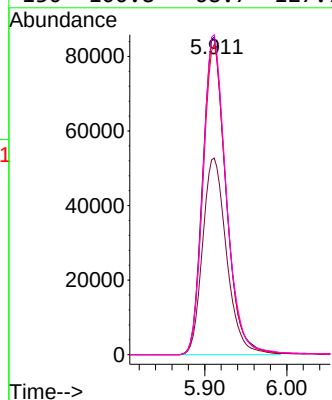
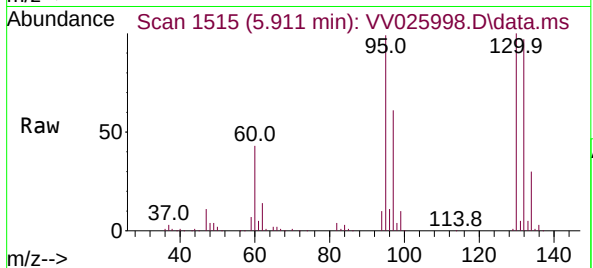
Ion Ratio Lower Upper

95 100

97 61.9 44.2 82.0

132 97.8 67.7 125.7

130 100.8 68.7 127.7



#35

Methylcyclohexane

Concen: 50.909 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

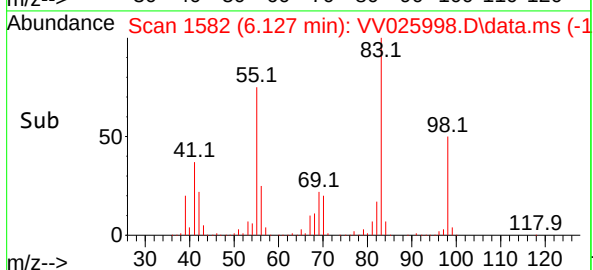
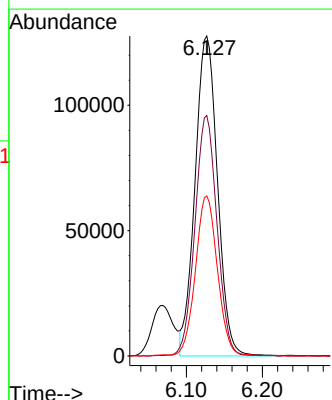
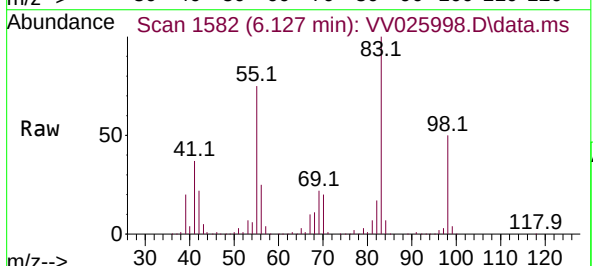
Tgt Ion: 83 Resp: 262175

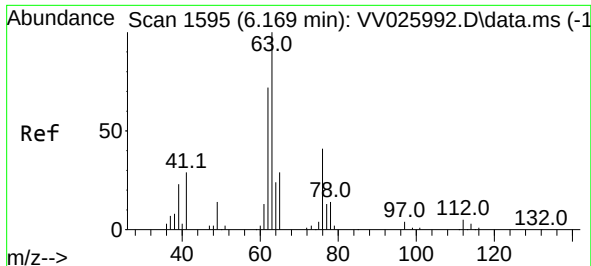
Ion Ratio Lower Upper

83 100

55 73.8 58.6 87.8

98 48.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 51.338 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

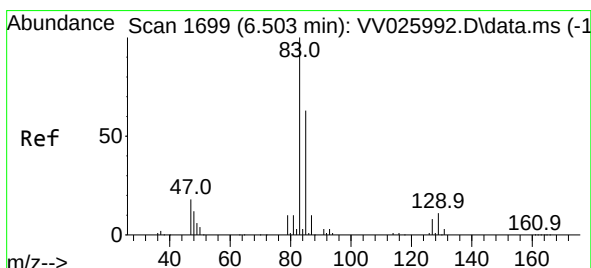
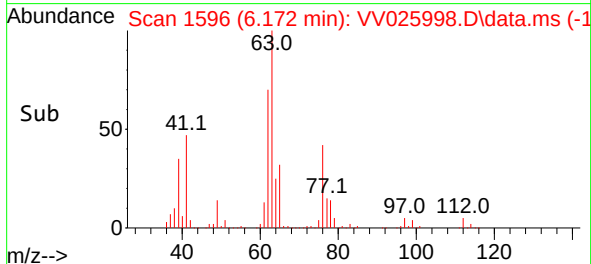
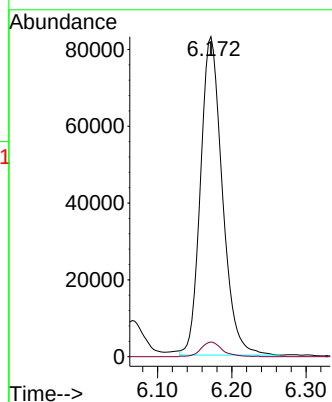
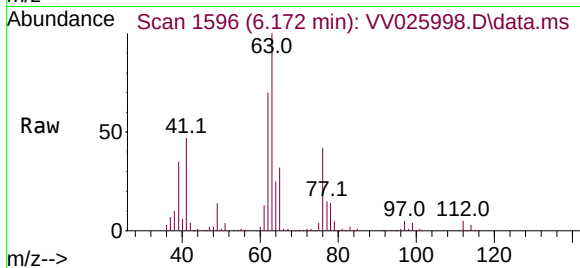
DBTY9MEMSD

Tgt Ion: 63 Resp: 169541

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 50.054 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

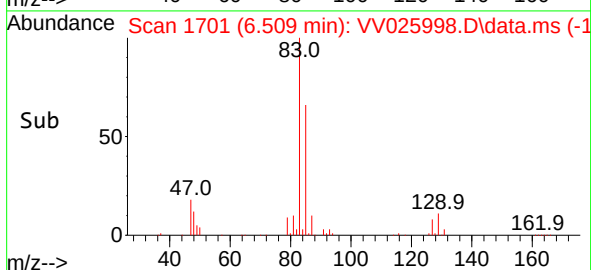
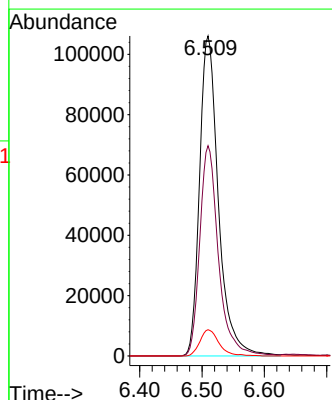
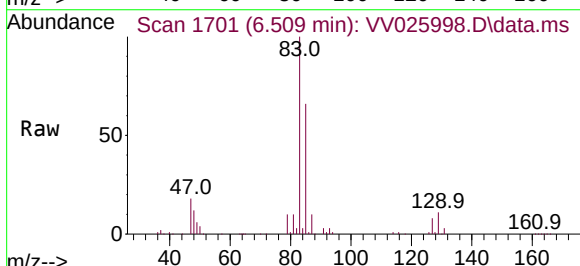
Tgt Ion: 83 Resp: 223534

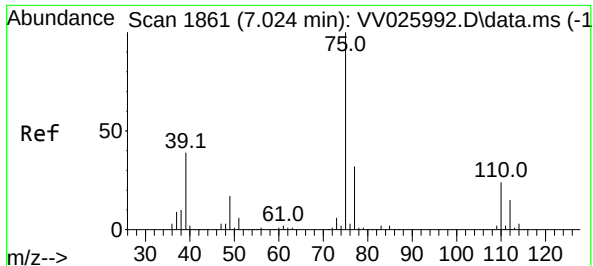
Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 54.083 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

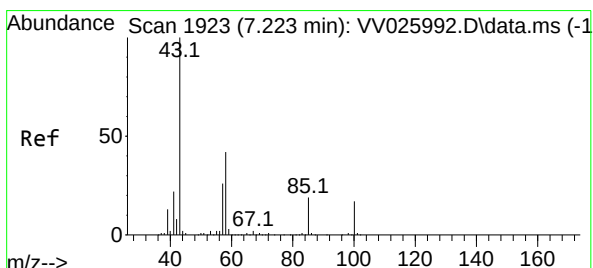
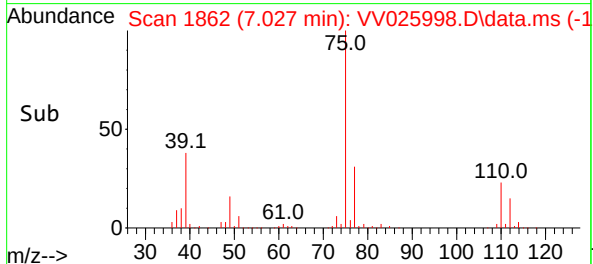
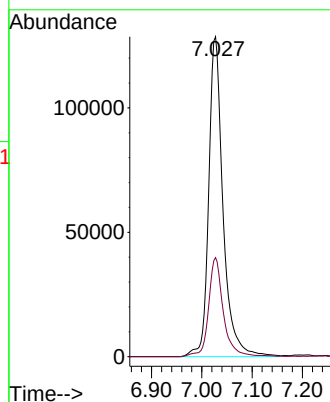
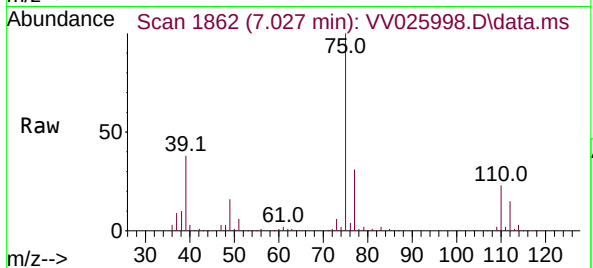
DBTY9MEMSD

Tgt Ion: 75 Resp: 254698

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.954 ug/L

RT: 7.239 min Scan# 1928

Delta R.T. 0.016 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

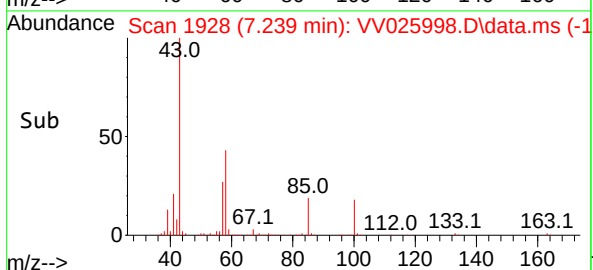
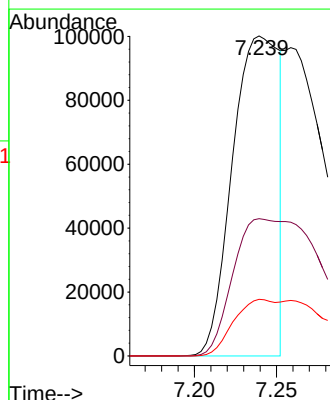
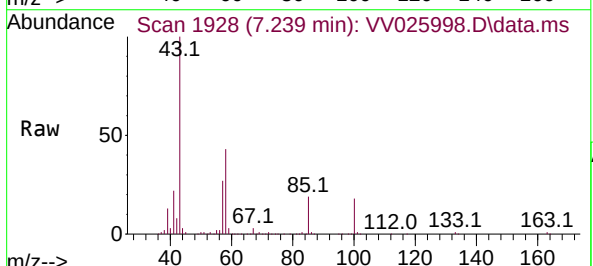
Tgt Ion: 43 Resp: 196698

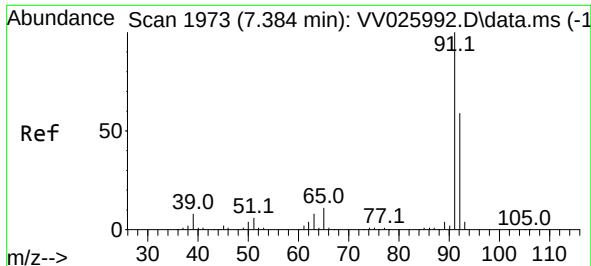
Ion Ratio Lower Upper

43 100

58 42.6 32.9 49.3

100 15.4 13.7 20.5





#42

Toluene

Concen: 50.353 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

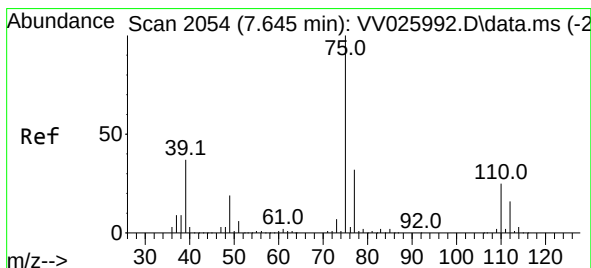
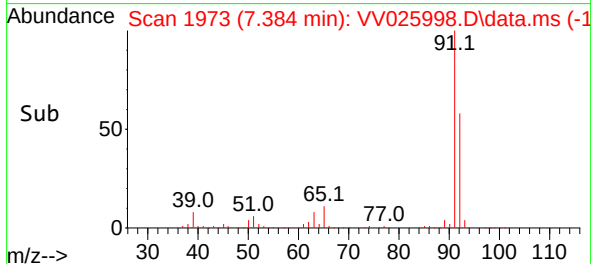
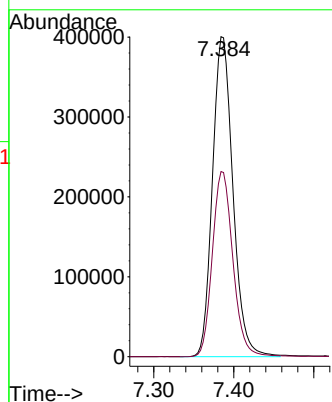
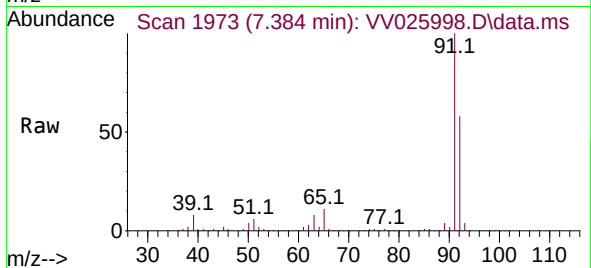
DBTY9MEMSD

Tgt Ion: 91 Resp: 710134

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 54.078 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV025998.D

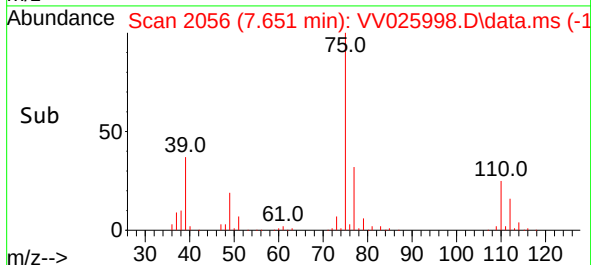
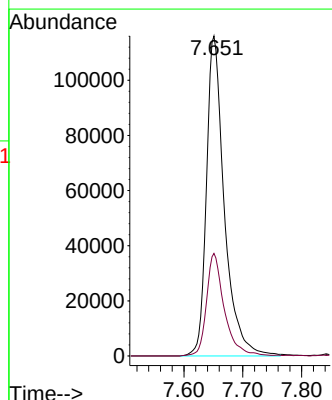
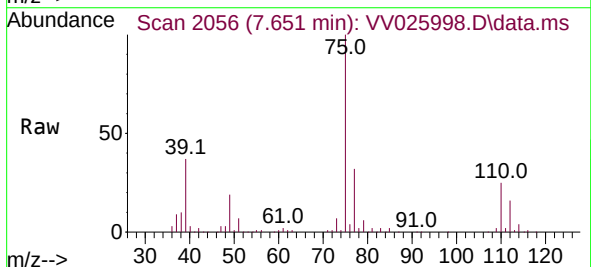
Acq: 06 Jun 2022 13:34

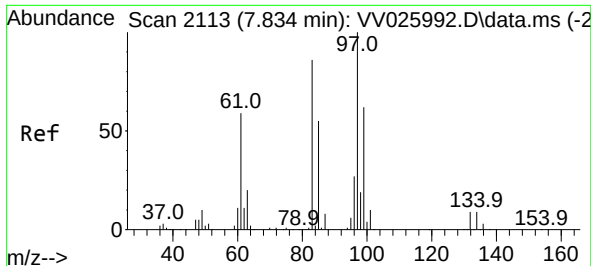
Tgt Ion: 75 Resp: 245013

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 51.350 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.006 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

Tgt Ion: 97 Resp: 172308

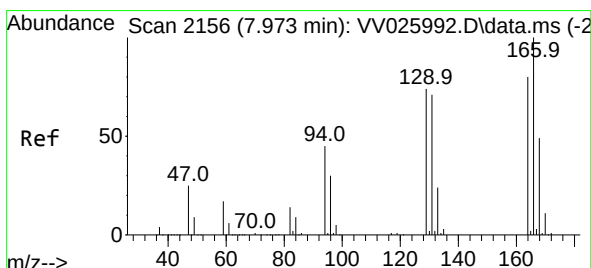
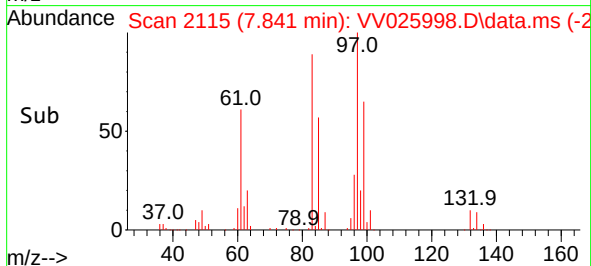
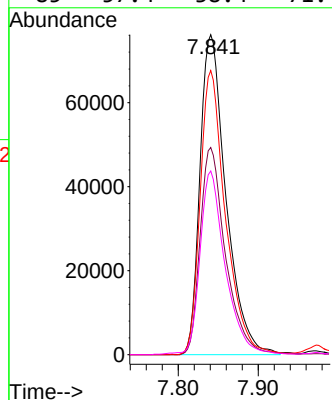
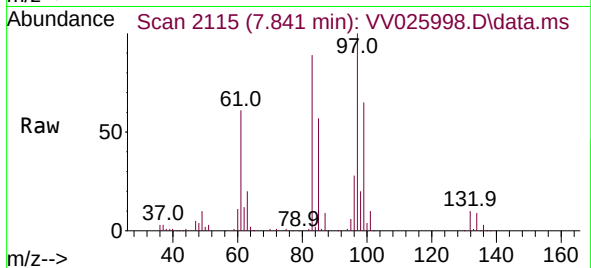
Ion Ratio Lower Upper

97 100

99 64.8 42.6 79.0

83 88.8 59.7 110.9

85 57.4 38.4 71.4



#46

Tetrachloroethene

Concen: 49.094 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Tgt Ion:164 Resp: 124523

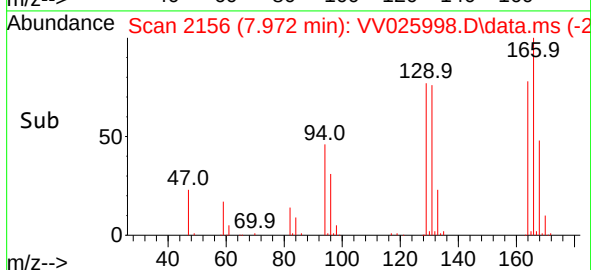
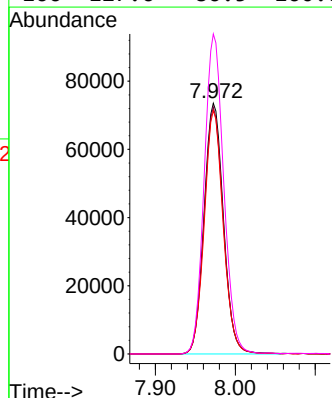
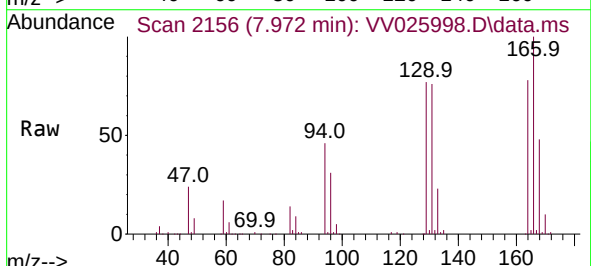
Ion Ratio Lower Upper

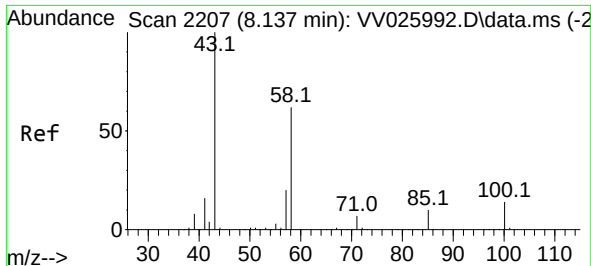
164 100

129 98.4 66.8 124.2

131 97.1 66.7 123.9

166 127.6 86.5 160.7



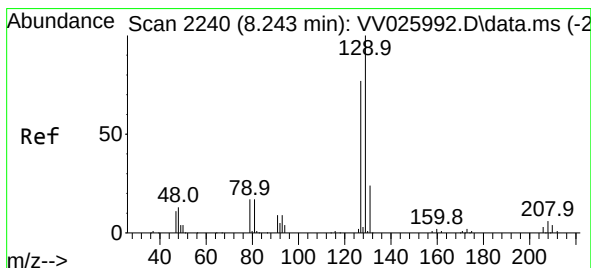
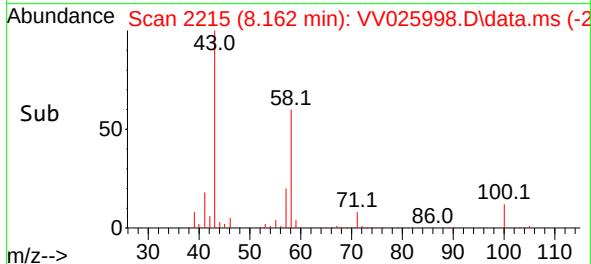
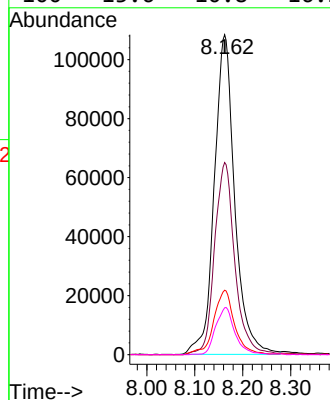
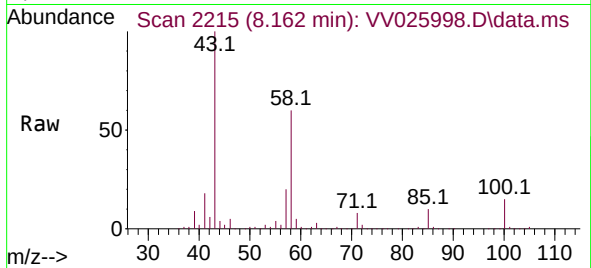


#48
2-Hexanone
Concen: 106.962 ug/L
RT: 8.162 min Scan# 211
Delta R.T. 0.026 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

Tgt Ion: 43 Resp: 321268

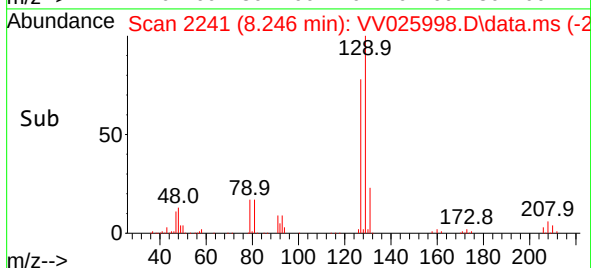
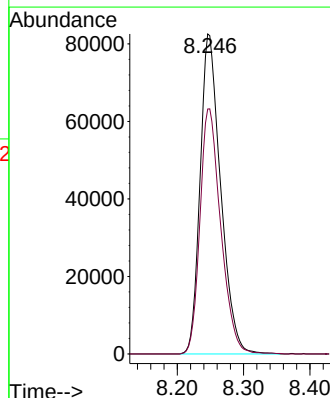
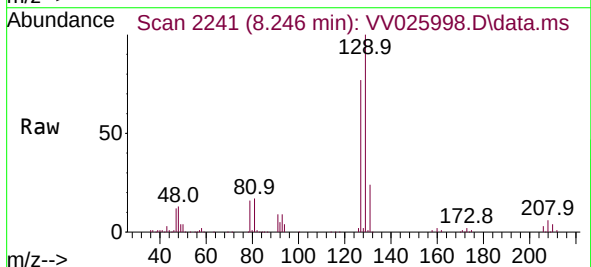
Ion	Ratio	Lower	Upper
43	100		
58	59.3	45.9	68.9
57	20.7	15.4	23.2
100	13.6	10.8	16.2

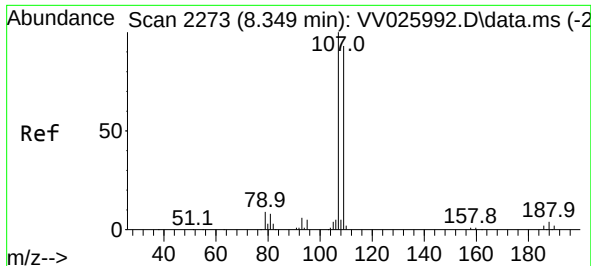


#49
Dibromochloromethane
Concen: 53.500 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 129 Resp: 177075

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 51.455 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

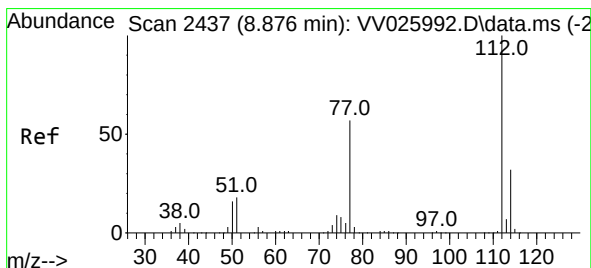
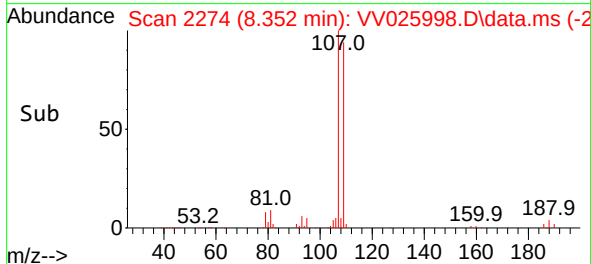
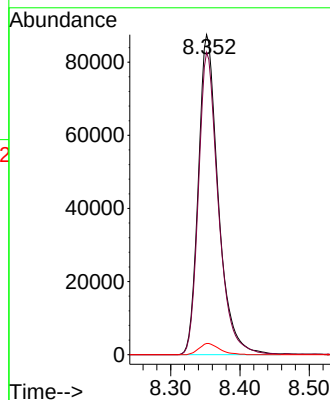
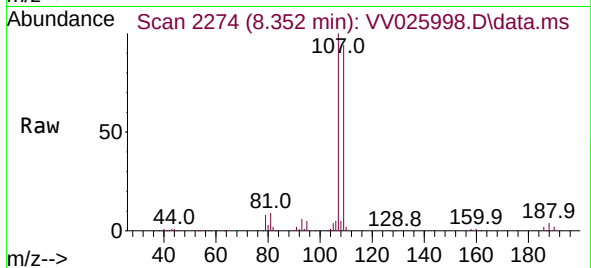
Tgt Ion:107 Resp: 175582

Ion Ratio Lower Upper

107 100

109 94.5 64.1 119.1

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 50.719 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

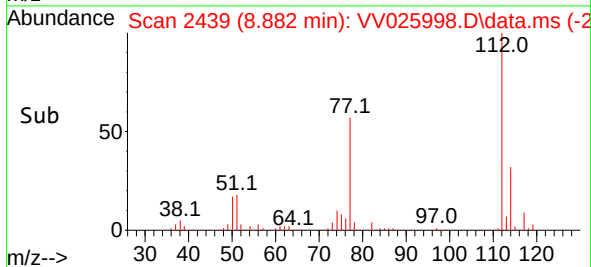
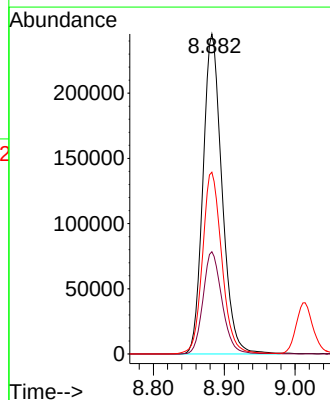
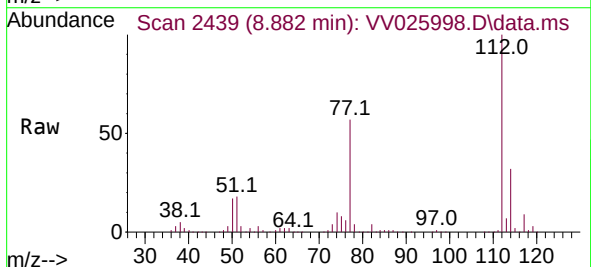
Tgt Ion:112 Resp: 458041

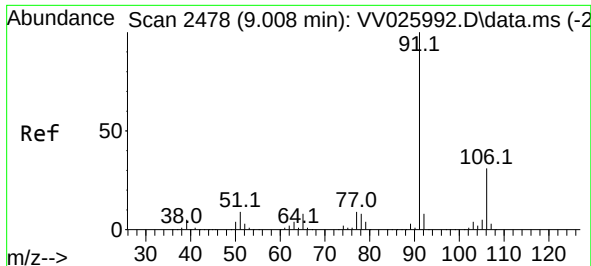
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 56.8 45.3 67.9

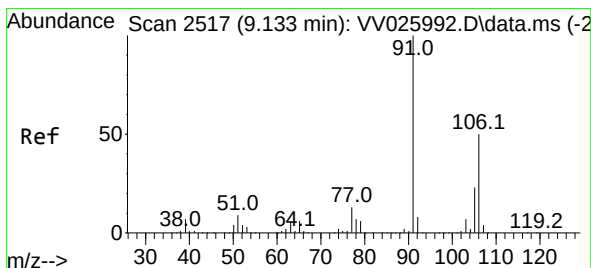
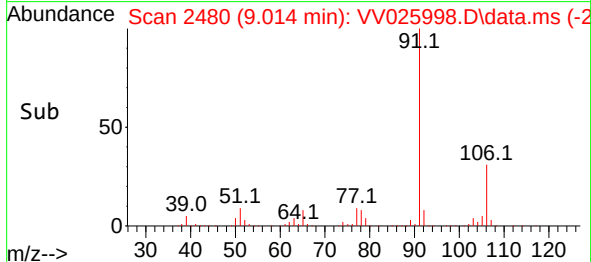
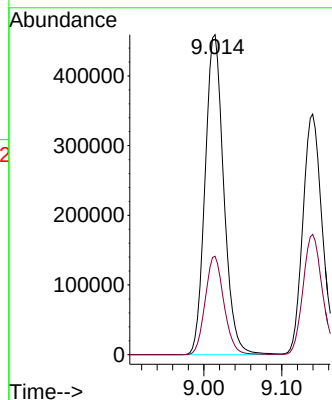
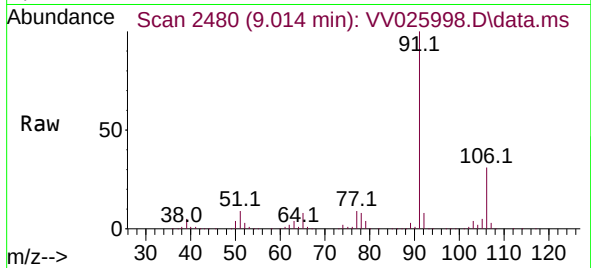




#52
Ethylbenzene
Concen: 52.633 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

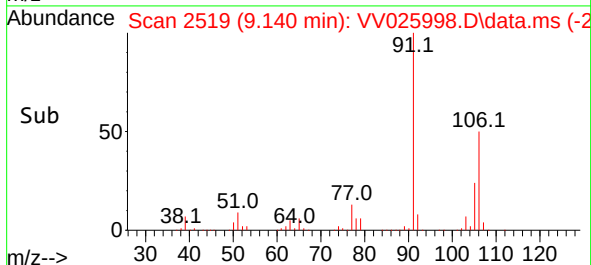
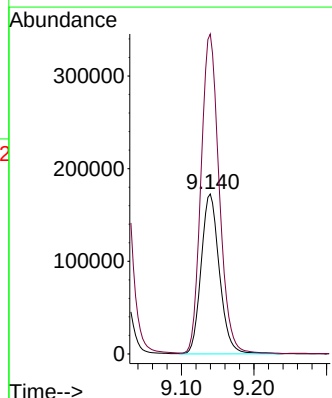
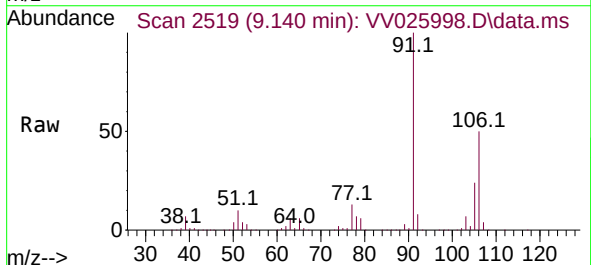
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

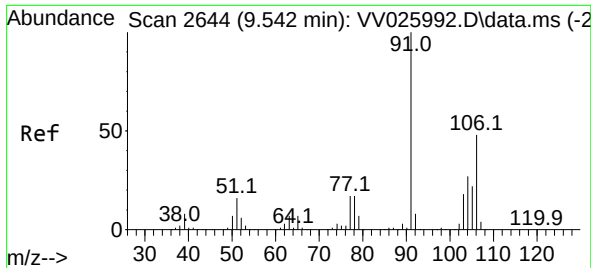
Tgt Ion: 91 Resp: 765814
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 53.306 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 106 Resp: 300837
Ion Ratio Lower Upper
106 100
91 200.0 142.0 263.6

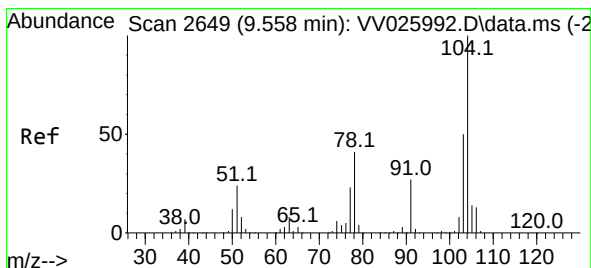
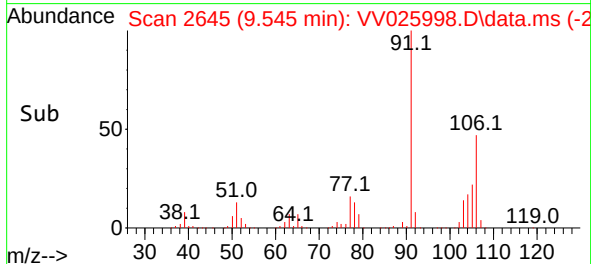
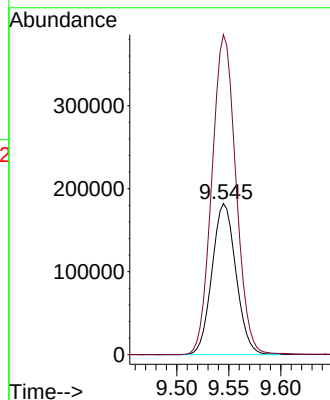
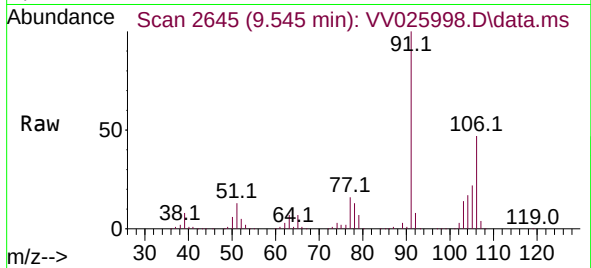




#54
o-Xylene
Concen: 52.799 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

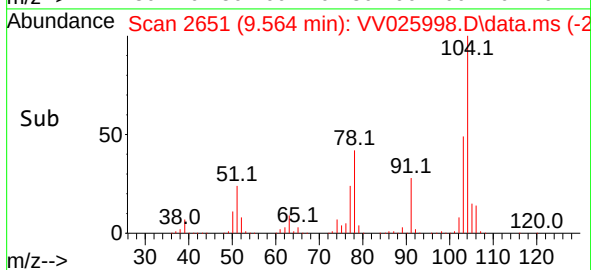
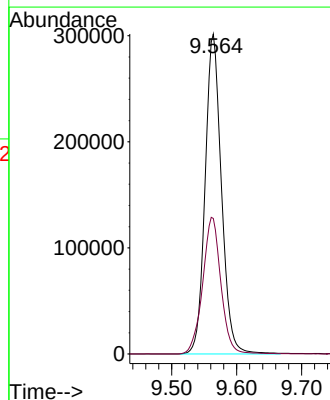
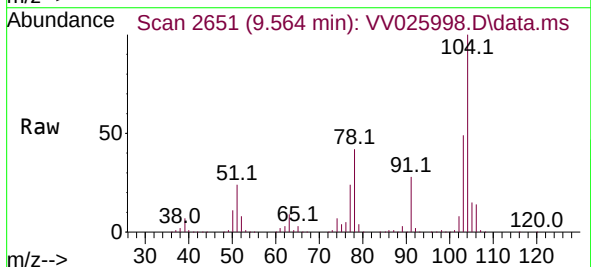
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

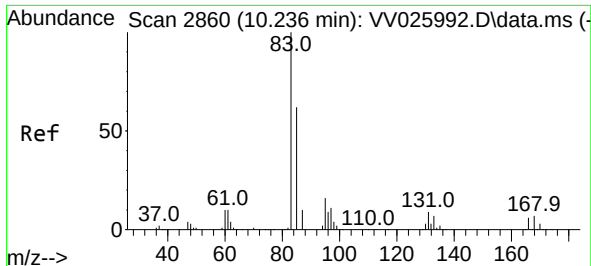
Tgt Ion:106 Resp: 292708
Ion Ratio Lower Upper
106 100
91 211.7 147.4 273.8



#55
Styrene
Concen: 54.685 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion:104 Resp: 528241
Ion Ratio Lower Upper
104 100
78 42.3 29.8 55.3





#57

1,1,2-Tetrachloroethane

Concen: 52.425 ug/L

RT: 10.246 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

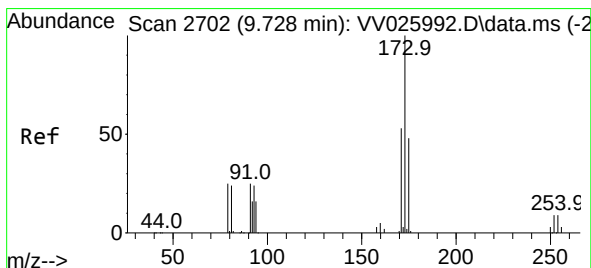
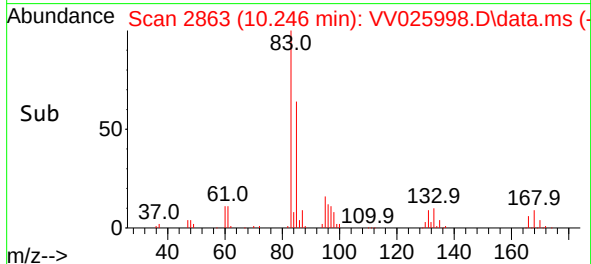
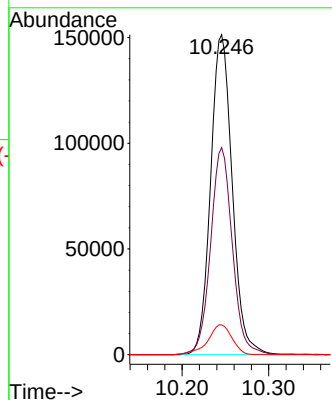
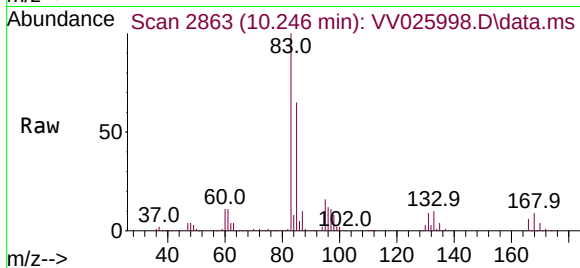
Tgt Ion: 83 Resp: 262468

Ion Ratio Lower Upper

83 100

85 64.7 44.7 82.9

131 9.3 7.5 11.3



#59

Bromoform

Concen: 54.596 ug/L

RT: 9.738 min Scan# 2705

Delta R.T. 0.010 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

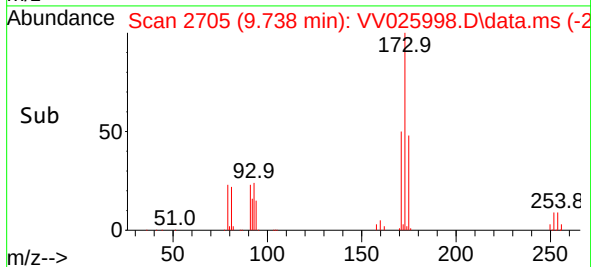
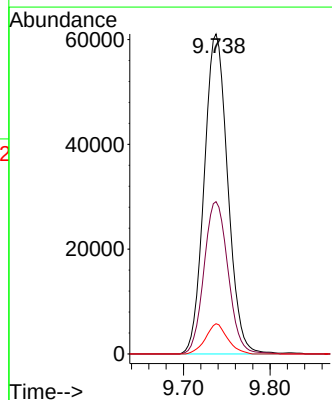
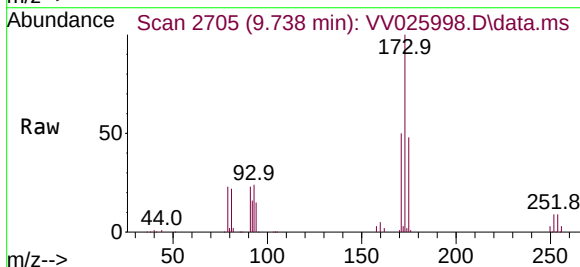
Tgt Ion: 173 Resp: 115374

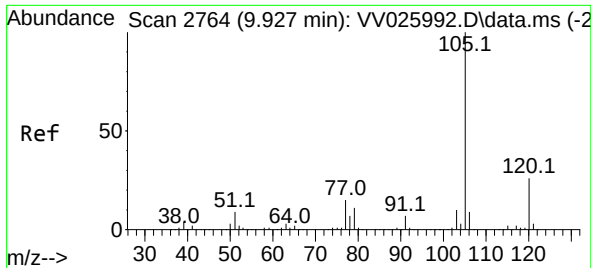
Ion Ratio Lower Upper

173 100

175 48.7 38.1 57.1

254 8.8 7.0 10.6

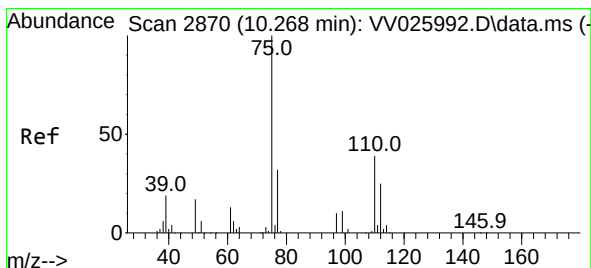
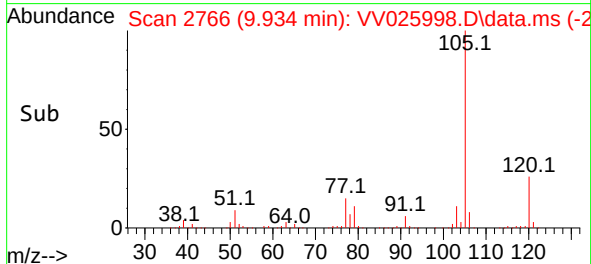
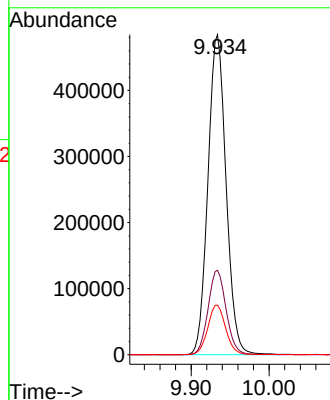
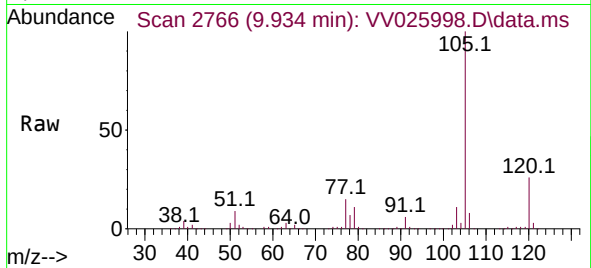




#60
Isopropylbenzene
Concen: 53.282 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

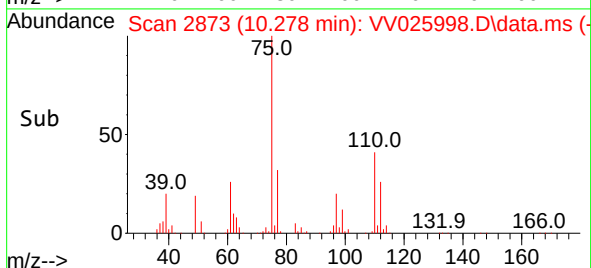
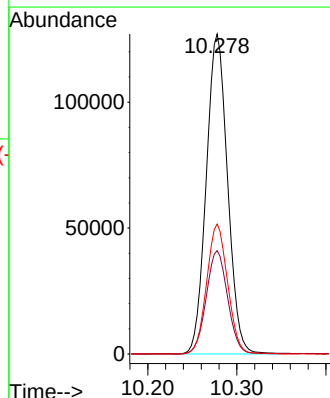
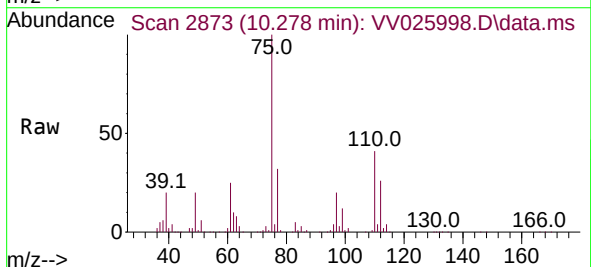
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

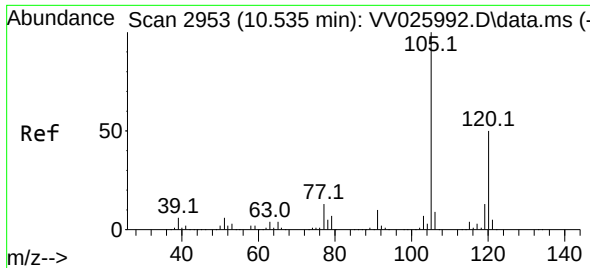
Tgt Ion:105 Resp: 781845
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 48.648 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.010 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion: 75 Resp: 210941
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 40.0 32.3 48.5

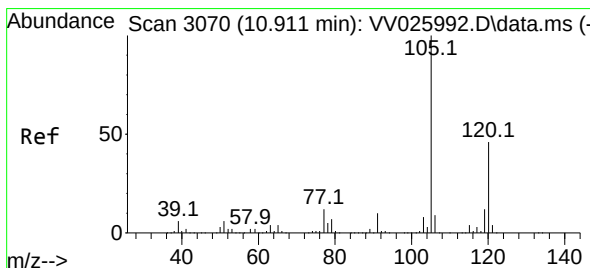
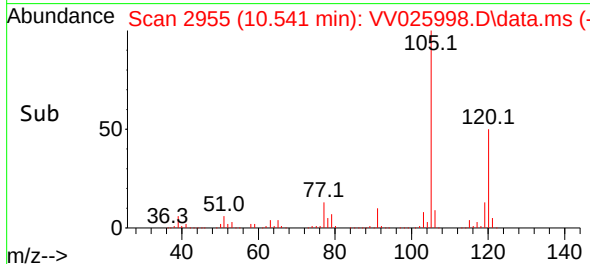
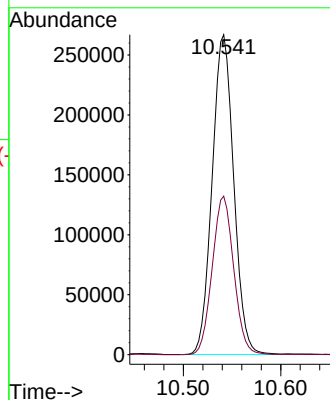
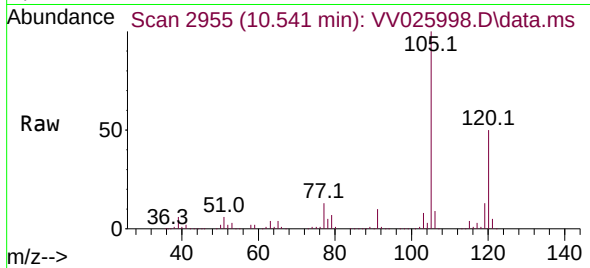




#62
 1,3,5-Trimethylbenzene
 Concen: 54.244 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.006 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

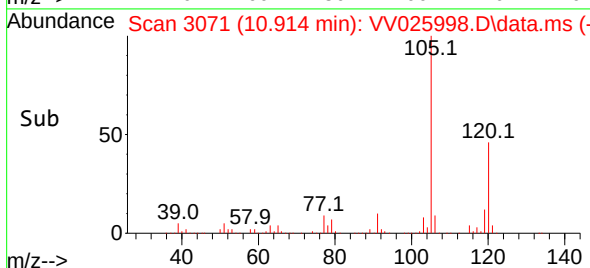
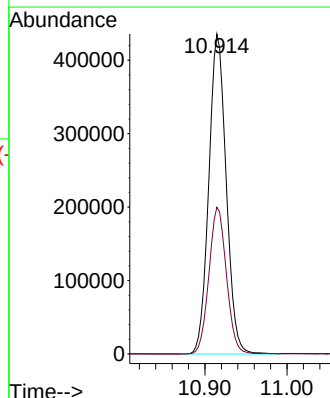
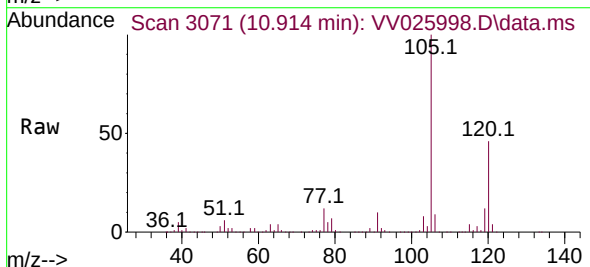
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY9MEMSD

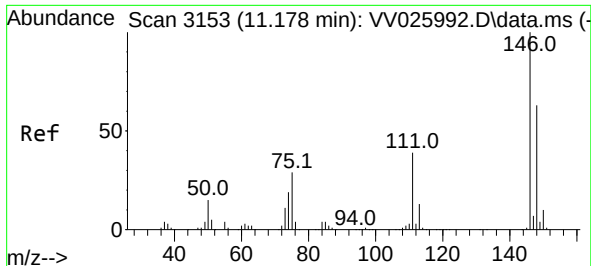
Tgt Ion:105 Resp: 410276
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 54.581 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV025998.D
 Acq: 06 Jun 2022 13:34

Tgt Ion:105 Resp: 640522
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 55.0

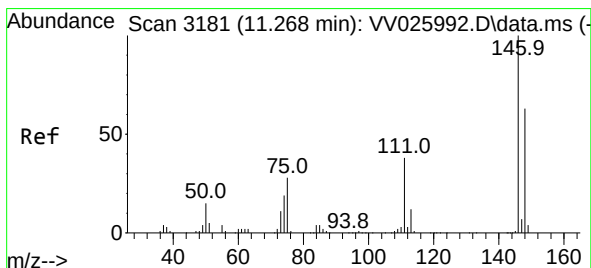
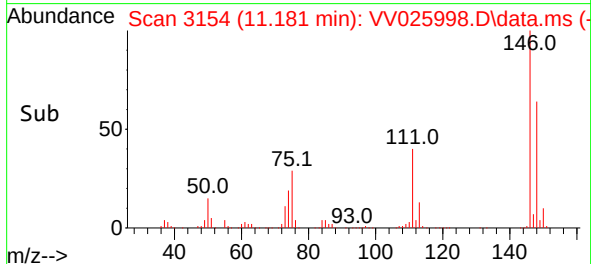
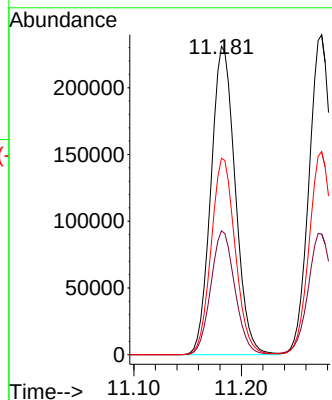
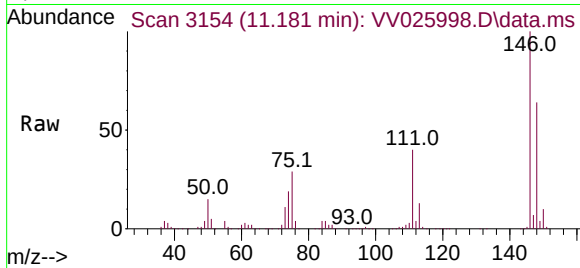




#64
1,3-Dichlorobenzene
Concen: 52.324 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

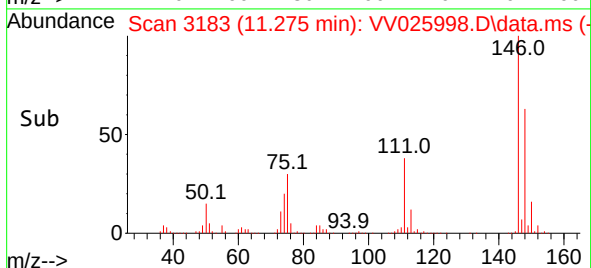
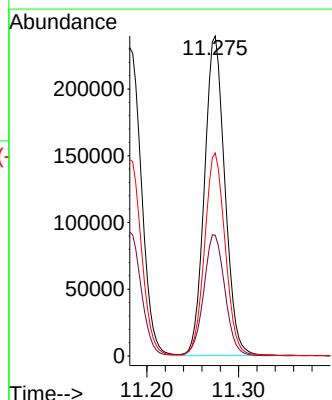
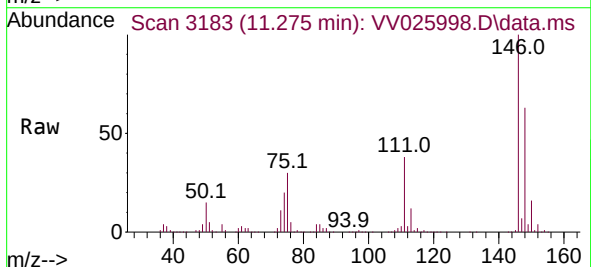
Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

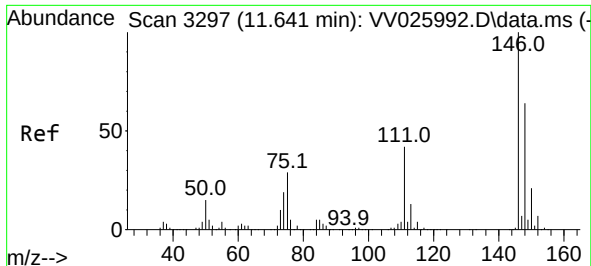
Tgt Ion:146 Resp: 363429
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.1
148 63.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 50.819 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.006 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion:146 Resp: 369913
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.980 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

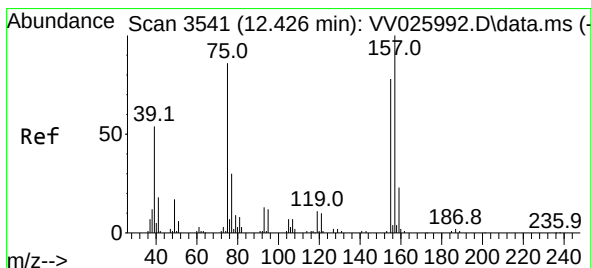
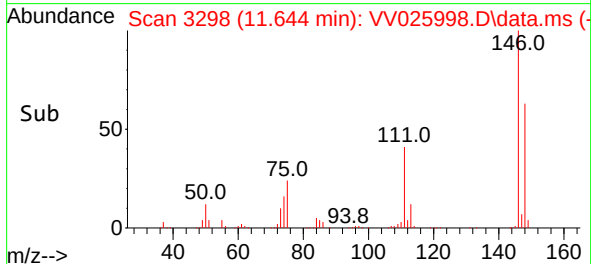
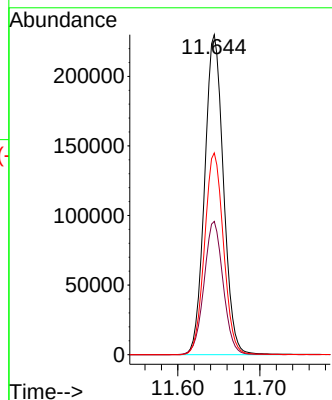
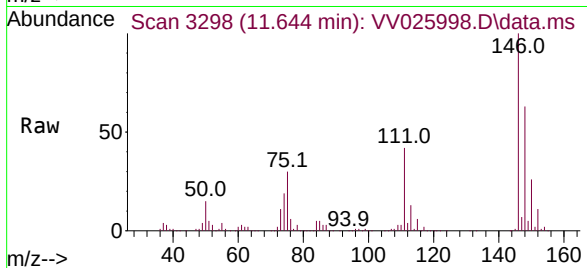
Tgt Ion:146 Resp: 366261

Ion Ratio Lower Upper

146 100

111 41.6 33.7 50.5

148 63.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.728 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

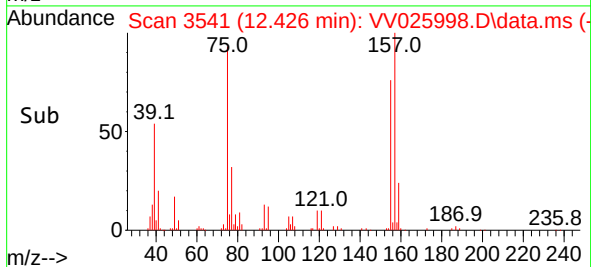
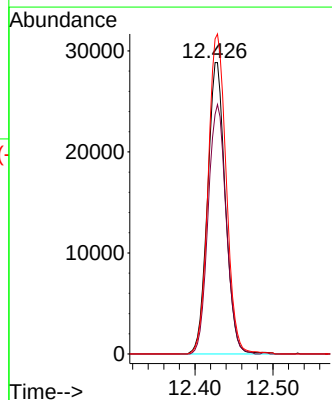
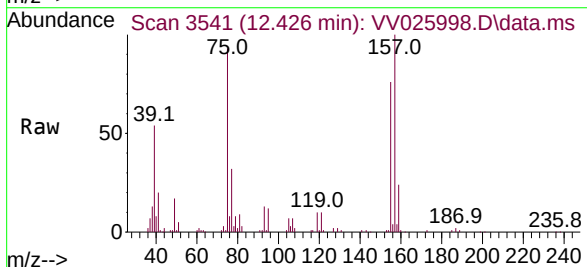
Tgt Ion: 75 Resp: 45777

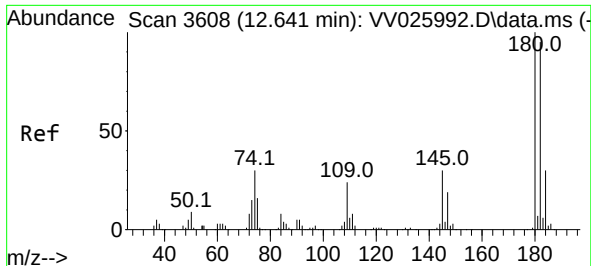
Ion Ratio Lower Upper

75 100

155 82.2 66.8 100.2

157 108.1 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.829 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBTY9MEMSD

Tgt Ion:180 Resp: 253361

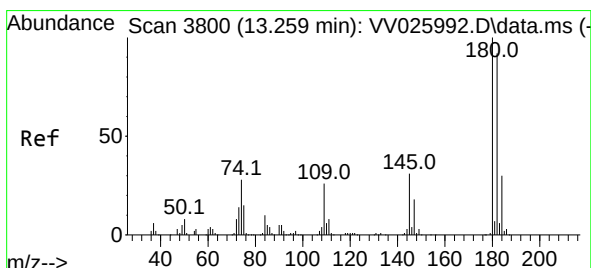
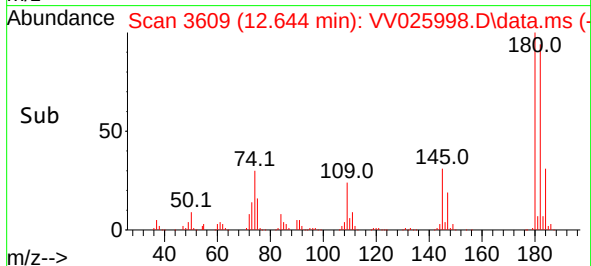
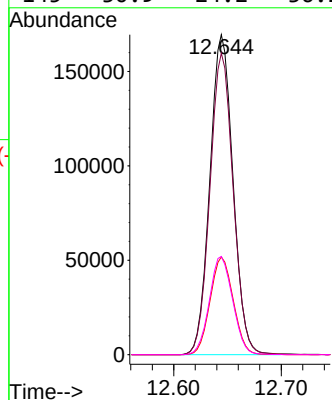
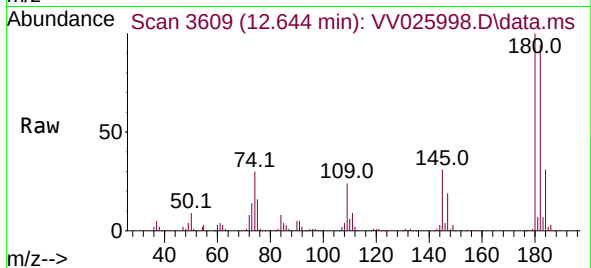
Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

184 30.5 23.6 35.4

145 30.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 53.553 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025998.D

Acq: 06 Jun 2022 13:34

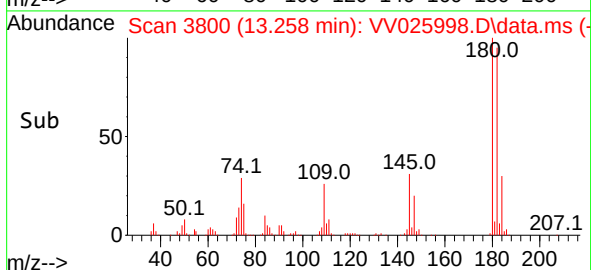
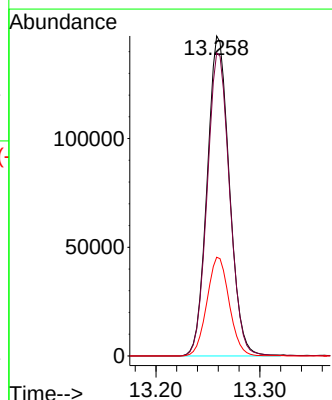
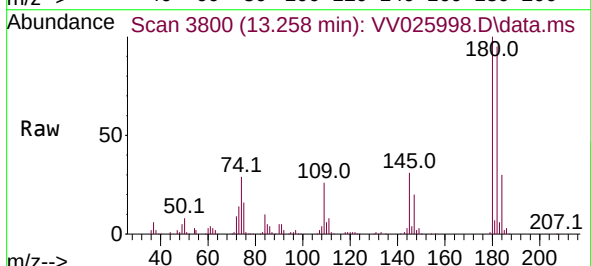
Tgt Ion:180 Resp: 218702

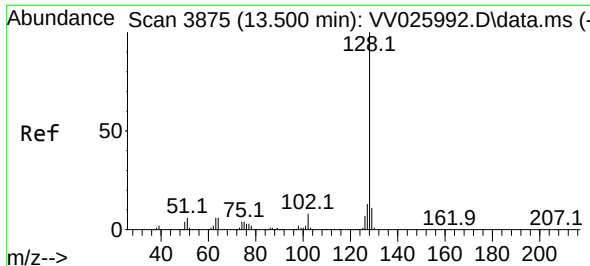
Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 30.9 24.8 37.2

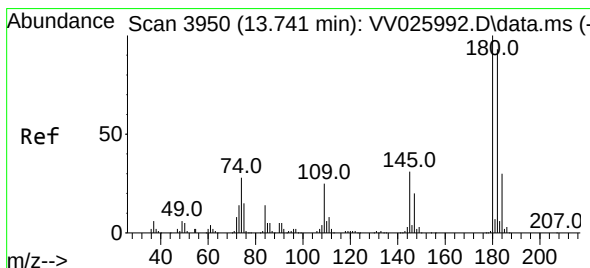
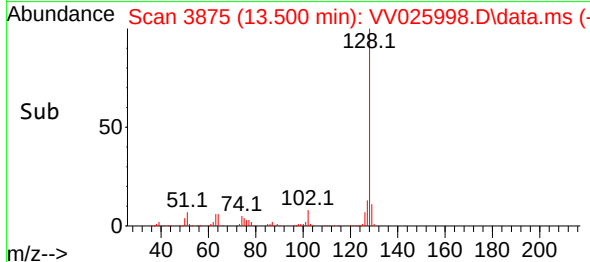
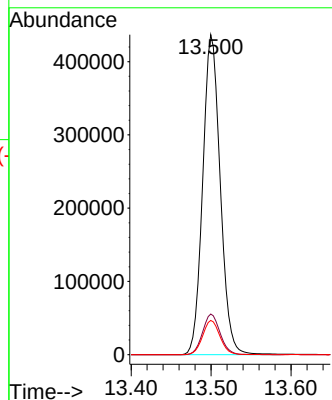
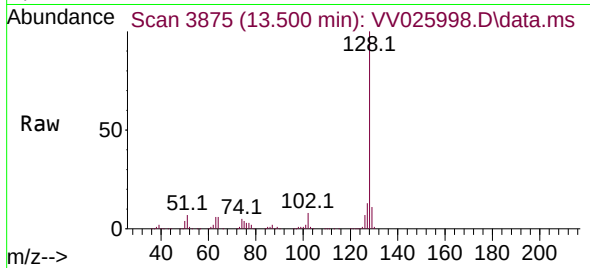




#71
Naphthalene
Concen: 55.140 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMSD

Tgt Ion:128 Resp: 666892
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.629 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025998.D
Acq: 06 Jun 2022 13:34

Tgt Ion:180 Resp: 223186
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 32.8 26.3 39.5

