

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025017.D
 Acq On : 15 Mar 2022 23:13
 Operator : SY/MD
 Sample : M1934-06MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MSD

Quant Time: Mar 16 03:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165382	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58764	4.501	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	44154	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.111	63	101433	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.892	46	96212	60.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.940%
24) Chloroform-d	4.349	84	106739	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.034	65	44971	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.053	84	213422	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	62669	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.317	98	195095	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.622	79	22111	4.915	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	79706	51.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38641	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60841	4.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71165	4.870	ug/L	99
3) Chloromethane	1.243	50	72933	5.292	ug/L	99
5) Vinyl chloride	1.311	62	77896	5.357	ug/L	99
6) Bromomethane	1.523	94	49563	5.275	ug/L	99
8) Chloroethane	1.587	64	46092	5.228	ug/L	100
9) Trichlorofluoromethane	1.754	101	101255	5.120	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	52327	4.880	ug/L	99
12) 1,1-Dichloroethene	2.121	96	57276	5.436	ug/L	97
13) Acetone	2.182	43	96132	91.092	ug/L	82
14) Carbon disulfide	2.298	76	190782	5.061	ug/L	99
15) Methyl Acetate	2.439	43	14130	4.887	ug/L	99
16) Methylene chloride	2.510	84	66368	5.199	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	127403	5.552	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	67316	5.309	ug/L	99
19) 1,1-Dichloroethane	3.192	63	119507	5.538	ug/L	99
21) 2-Butanone	3.973	43	109375	65.666	ug/L #	78
22) cis-1,2-Dichloroethene	3.915	96	70525	5.509	ug/L	96
23) Bromochloromethane	4.253	128	28699	5.687	ug/L	95
25) Chloroform	4.378	83	131353	5.846	ug/L	98

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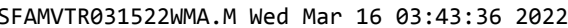
Instrument :
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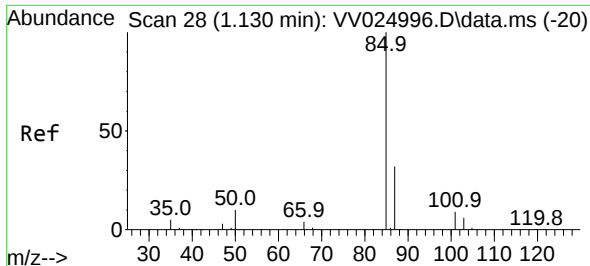
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	59758	5.349	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	108688	5.509	ug/L	99
30) Cyclohexane	4.677	56	97550	5.082	ug/L	99
31) Carbon tetrachloride	4.828	117	1209795	71.472	ug/L	99
33) Benzene	5.098	78	271192	5.389	ug/L	100
34) Trichloroethene	5.915	95	70476	5.260	ug/L	98
35) Methylcyclohexane	6.130	83	94804	4.470	ug/L	99
37) 1,2-Dichloropropane	6.172	63	64053	5.539	ug/L	100
38) Bromodichloromethane	6.510	83	80995	5.539	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	87185	5.430	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	276446	58.098	ug/L	97
42) Toluene	7.387	91	285771	5.426	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	67982	5.381	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	42660	5.524	ug/L	97
47) Tetrachloroethene	7.976	164	44538	4.725	ug/L	99
48) 2-Hexanone	8.137	43	187414	55.556	ug/L	98
49) Dibromochloromethane	8.246	129	48331	5.590	ug/L	99
50) 1,2-Dibromoethane	8.352	107	38959	5.512	ug/L	99
51) Chlorobenzene	8.879	112	176437	5.350	ug/L	99
52) Ethylbenzene	9.011	91	296757	5.327	ug/L	99
53) m,p-xylene	9.137	106	114379	5.331	ug/L	99
54) o-xylene	9.542	106	110482	5.385	ug/L	95
55) Styrene	9.561	104	186147	5.571	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44032	5.815	ug/L	99
59) Bromoform	9.728	173	21326	5.247	ug/L	98
60) Isopropylbenzene	9.931	105	290456	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	33303	5.247	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	129185	5.002	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	235235	5.143	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	123699	5.011	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	123527	4.964	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	113798	5.202	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6044	5.555	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	80781	4.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	65009	4.785	ug/L	99
71) Naphthalene	13.500	128	117213	5.195	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	58030	5.041	ug/L	99

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

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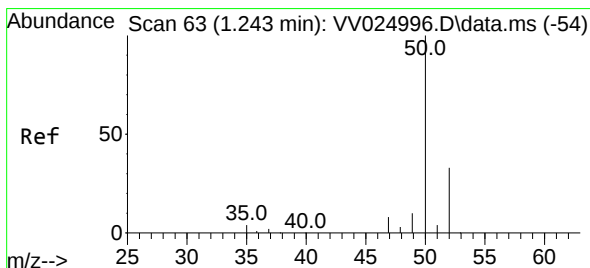
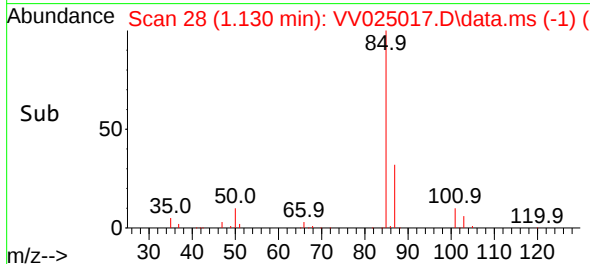
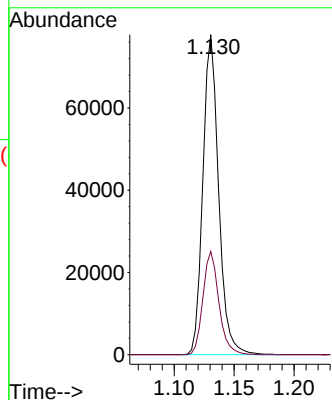
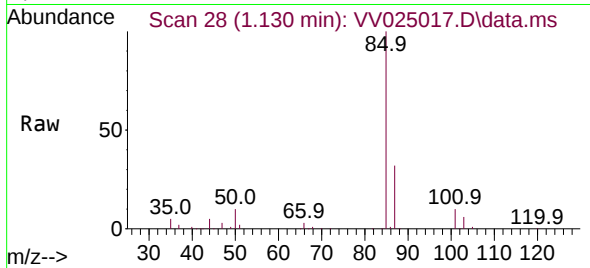




#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

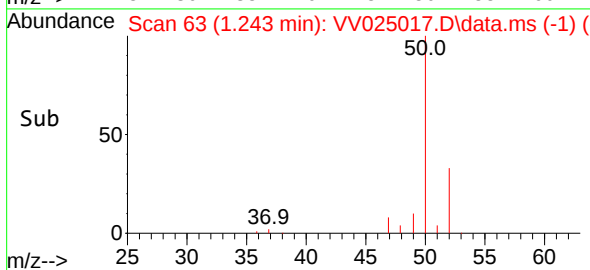
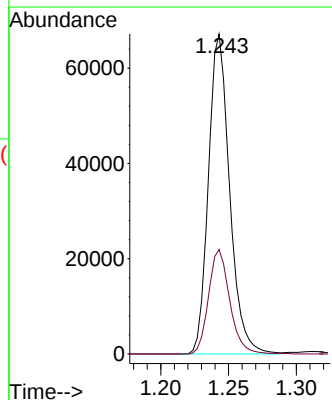
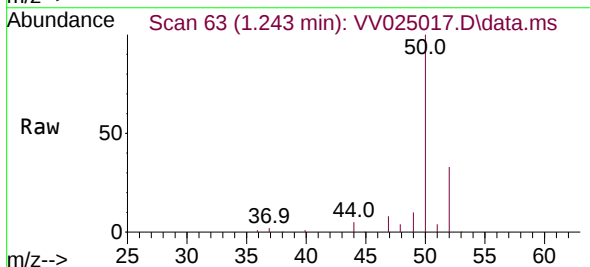
Instrument :
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 ClientSampleId :
 GBDD6MSD

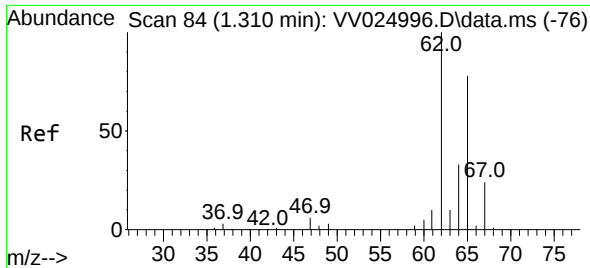
Tgt Ion: 85 Resp: 71165
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.7 40.1



#3
 Chloromethane
 Concen: 5.292 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

Tgt Ion: 50 Resp: 72933
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

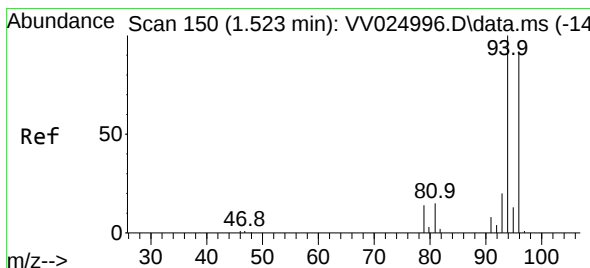
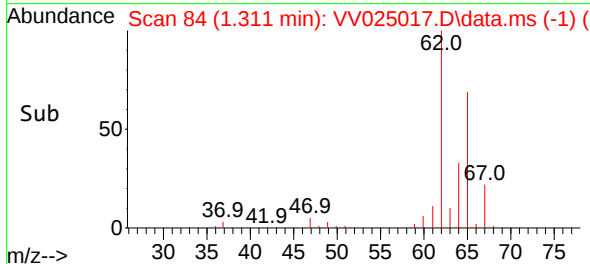
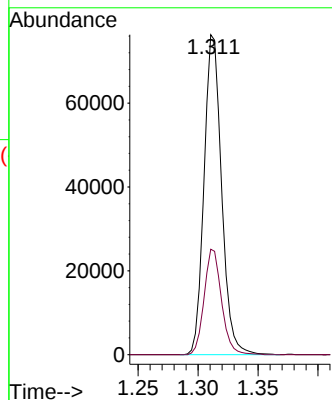
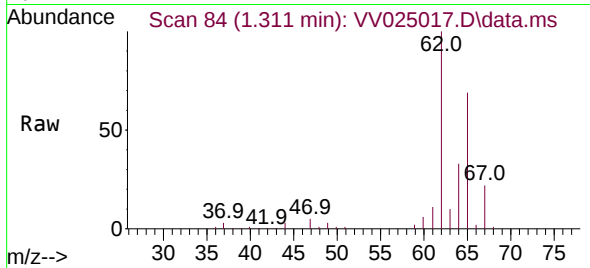




#5
 Vinyl chloride
 Concen: 5.357 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

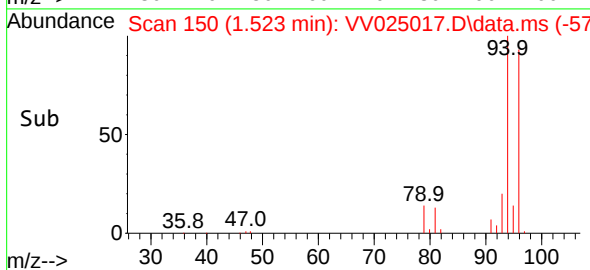
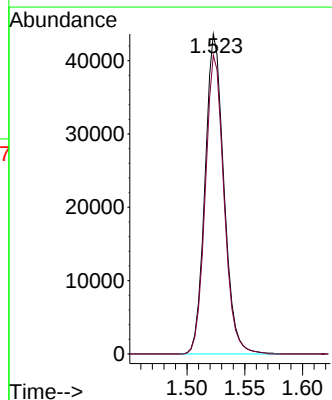
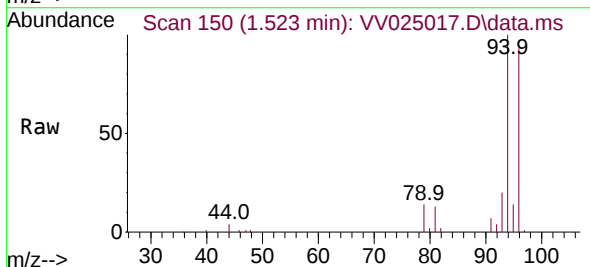
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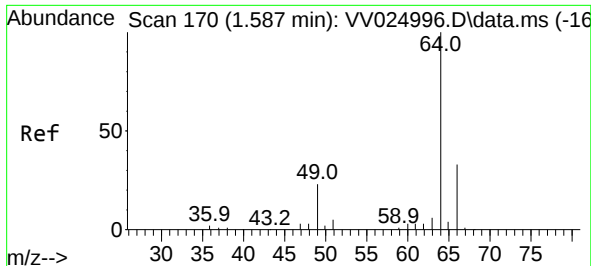
Tgt Ion: 62 Resp: 77896
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 5.275 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

Tgt Ion: 94 Resp: 49563
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.9 120.5

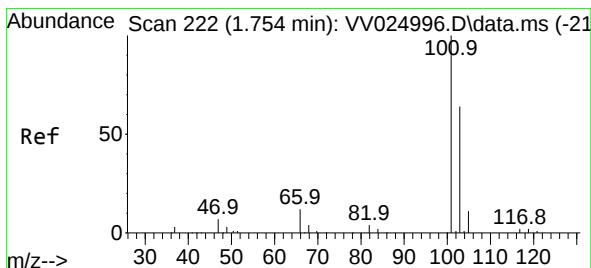
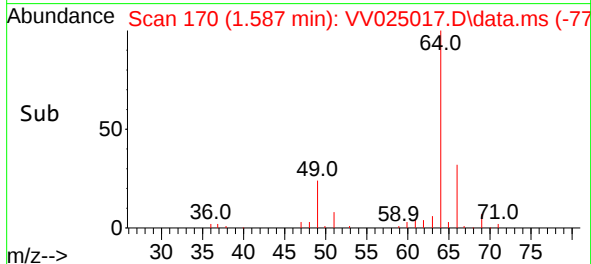
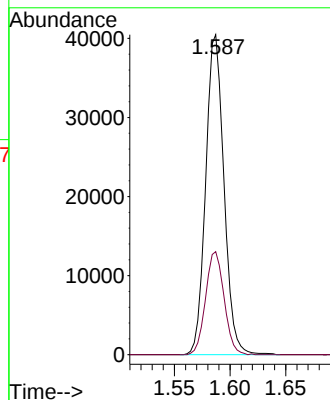
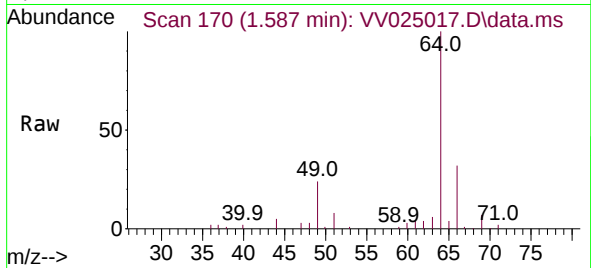




#8
Chloroethane
Concen: 5.228 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

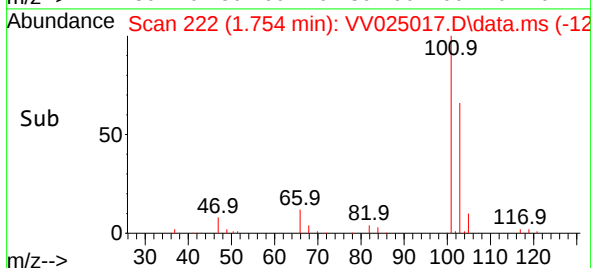
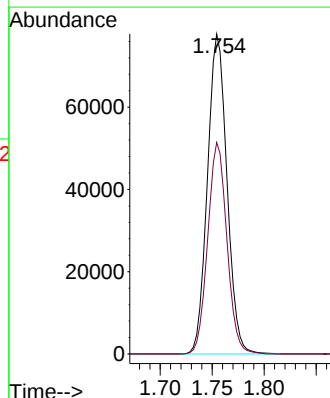
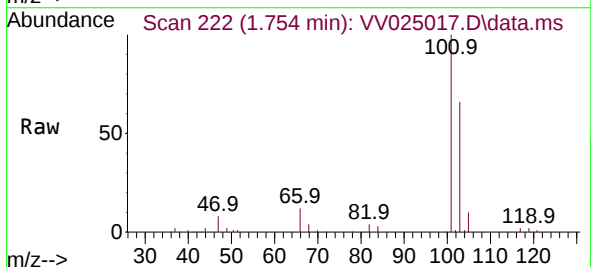
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ClientSampleId :
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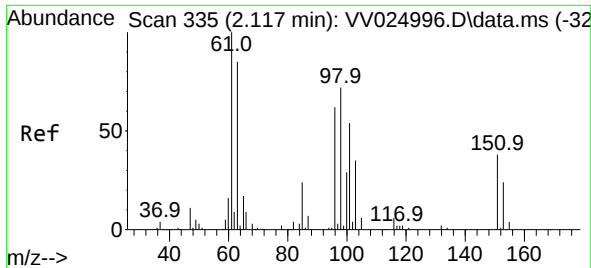
Tgt Ion: 64 Resp: 46092
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.120 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:101 Resp: 101255
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

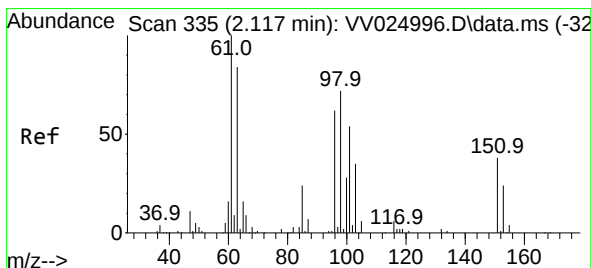
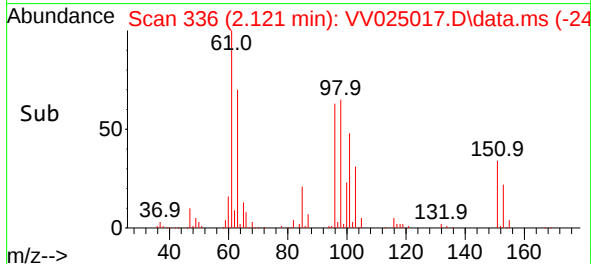
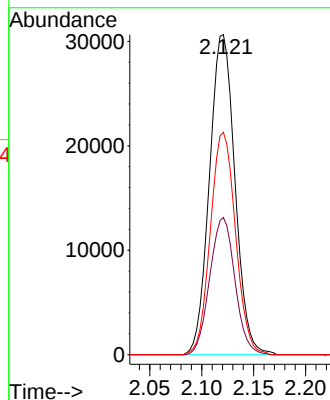
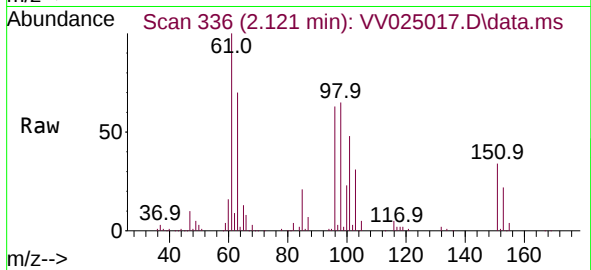




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.880 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

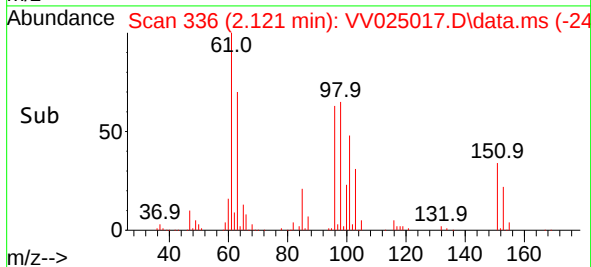
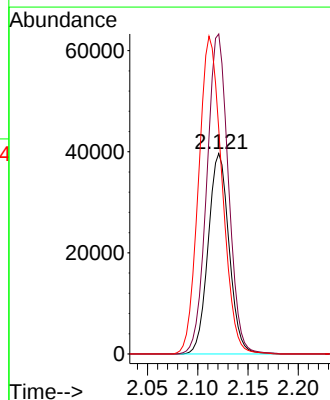
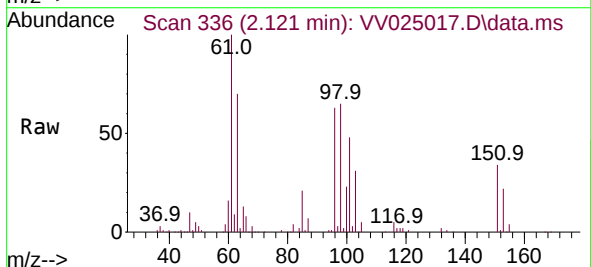
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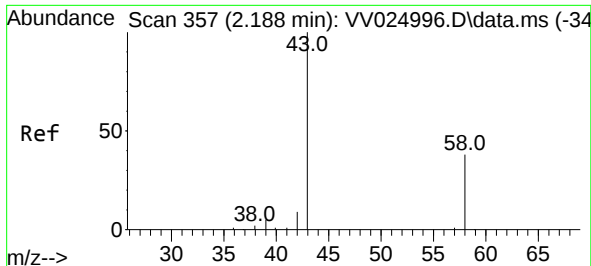
Tgt Ion:101 Resp: 52327
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.8 52.2
 151 68.6 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.436 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

Tgt Ion: 96 Resp: 57276
 Ion Ratio Lower Upper
 96 100
 61 159.6 113.0 209.9
 63 112.1 82.1 152.5





#13

Acetone

Concen: 91.092 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

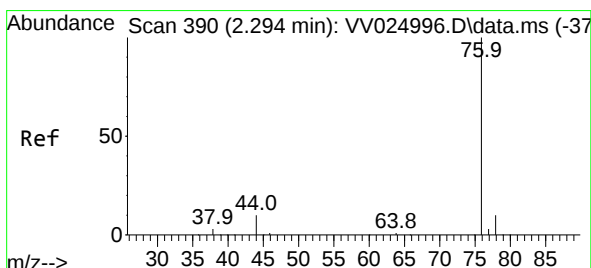
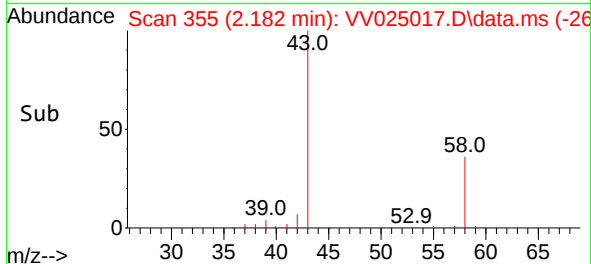
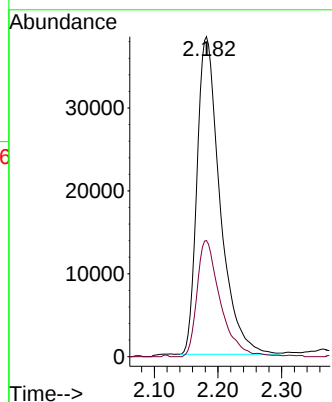
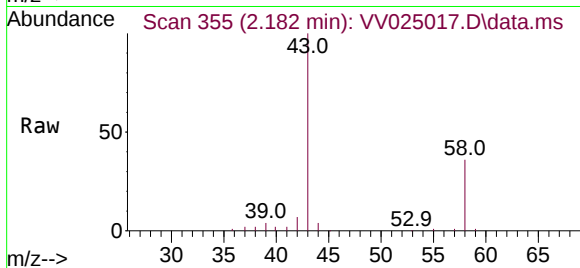
GBDD6MSD

Tgt Ion: 43 Resp: 96132

Ion Ratio Lower Upper

43 100

58 36.6 0.0 54.2



#14

Carbon disulfide

Concen: 5.061 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025017.D

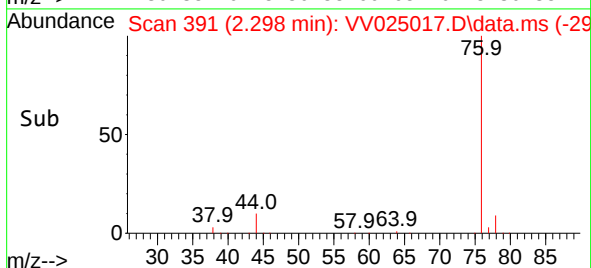
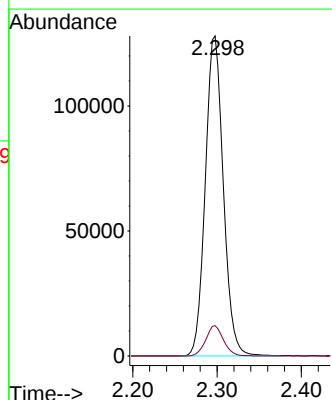
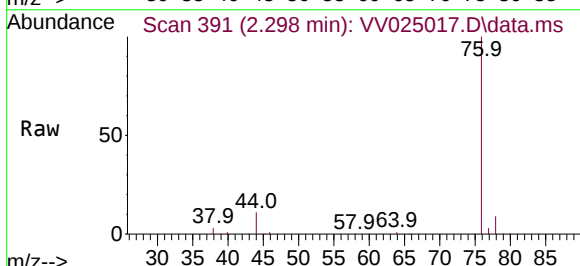
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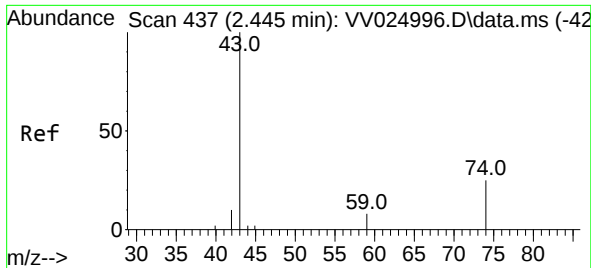
Tgt Ion: 76 Resp: 190782

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 4.887 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

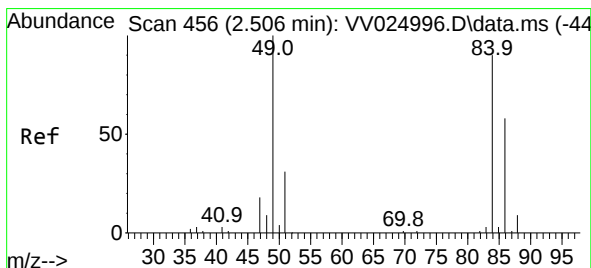
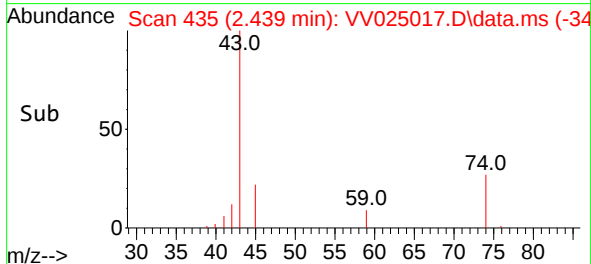
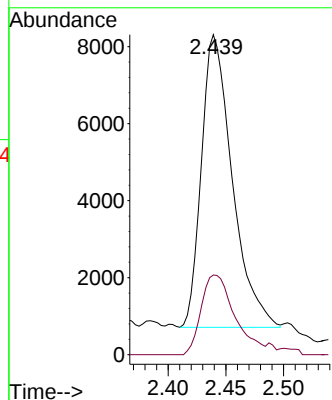
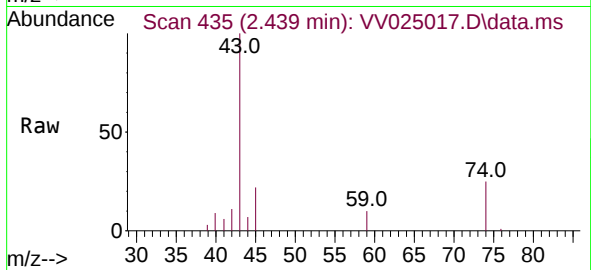
GBDD6MSD

Tgt Ion: 43 Resp: 14130

Ion Ratio Lower Upper

43 100

74 29.7 24.2 36.4



#16

Methylene chloride

Concen: 5.199 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

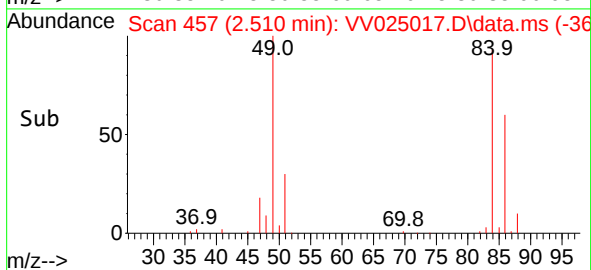
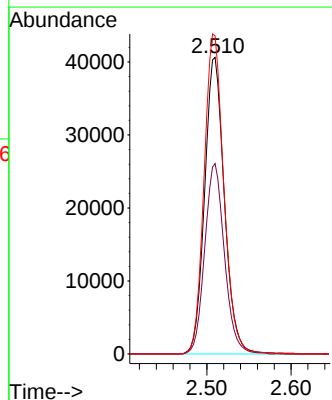
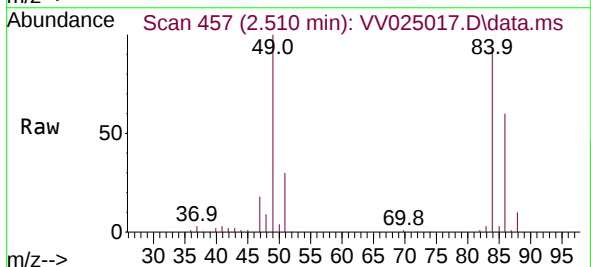
Tgt Ion: 84 Resp: 66368

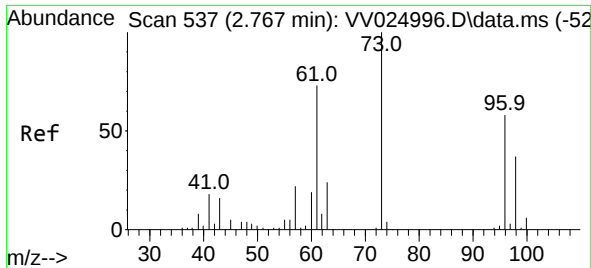
Ion Ratio Lower Upper

84 100

86 64.2 45.5 84.5

49 107.2 75.0 139.2

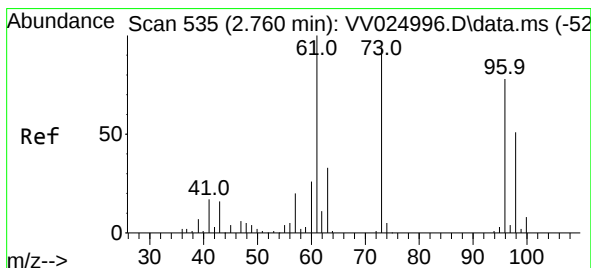
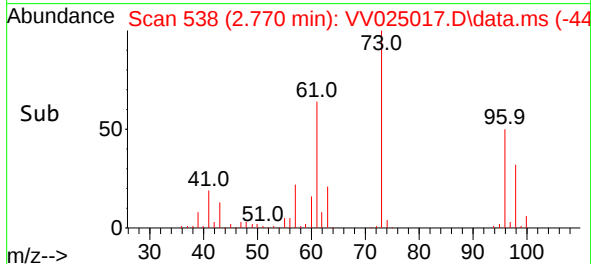
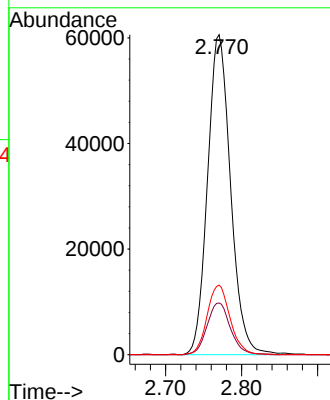
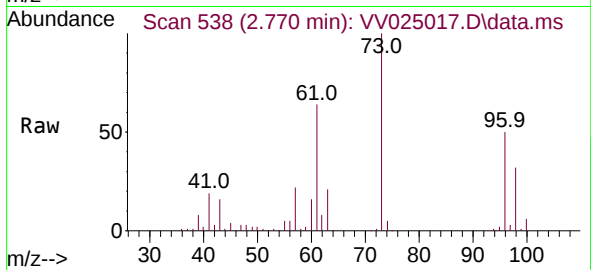




#17
Methyl tert-butyl Ether
Concen: 5.552 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

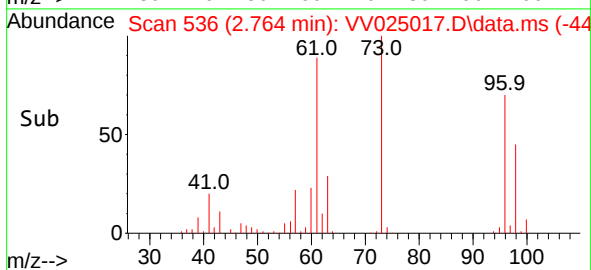
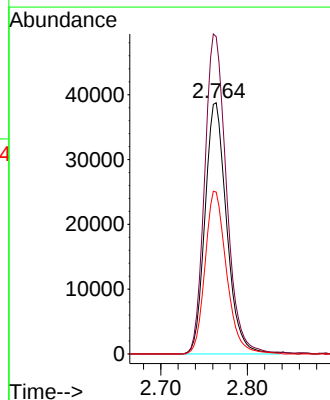
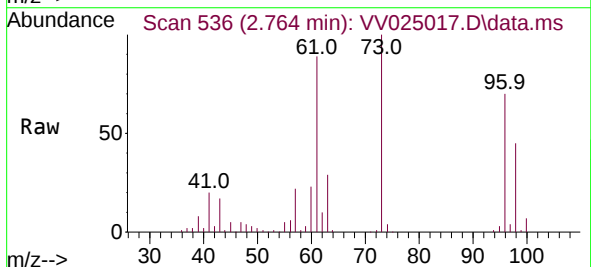
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

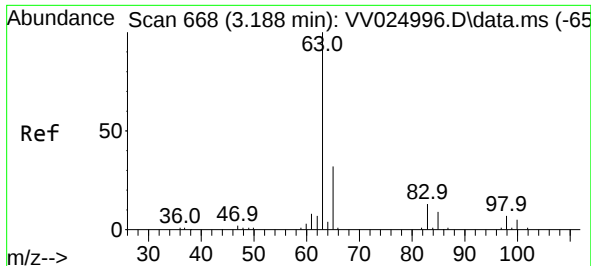
Tgt Ion: 73 Resp: 127403
Ion Ratio Lower Upper
73 100
43 16.4 13.2 19.8
57 21.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.309 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion: 96 Resp: 67316
Ion Ratio Lower Upper
96 100
61 126.3 89.2 165.6
98 64.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.538 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MSD

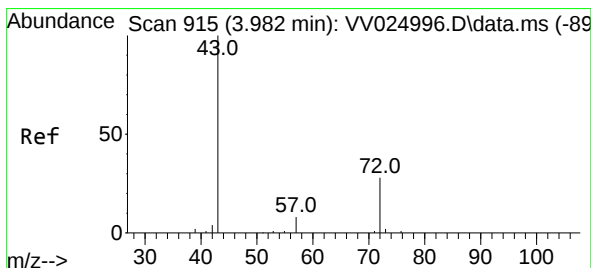
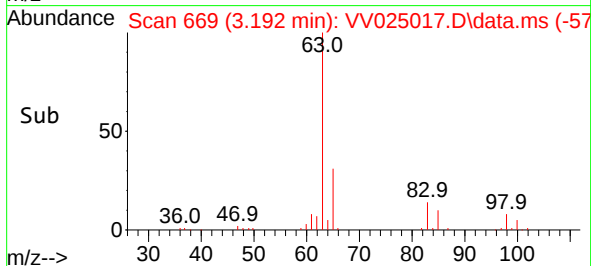
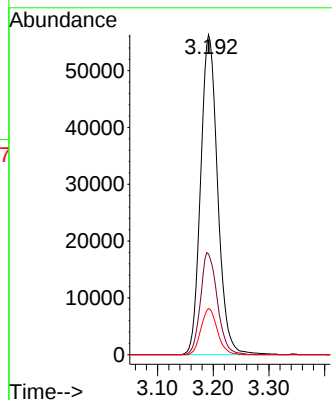
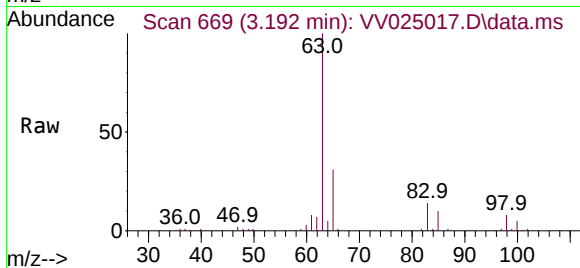
Tgt Ion: 63 Resp: 119507

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 14.4 9.4 17.4



#21

2-Butanone

Concen: 65.666 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.009 min

Lab File: VV025017.D

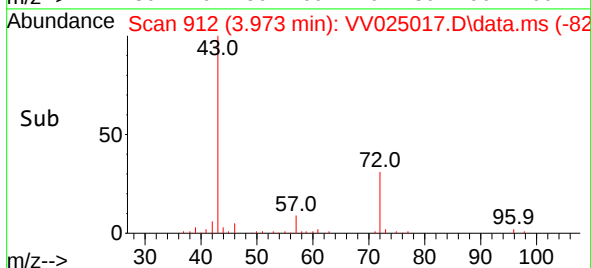
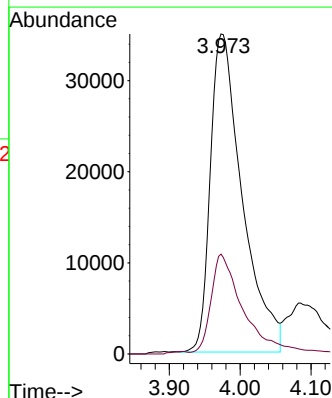
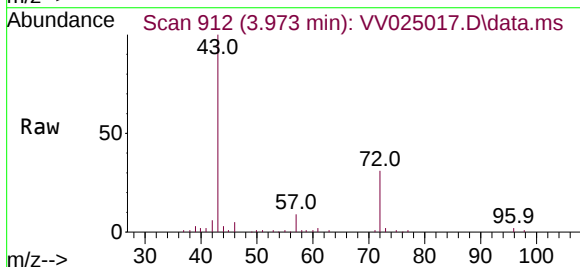
Acq: 15 Mar 2022 23:13

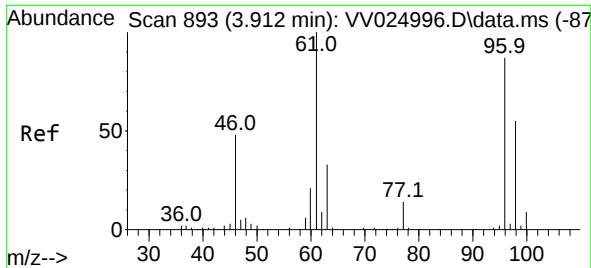
Tgt Ion: 43 Resp: 109375

Ion Ratio Lower Upper

43 100

72 31.2 10.4 31.2#

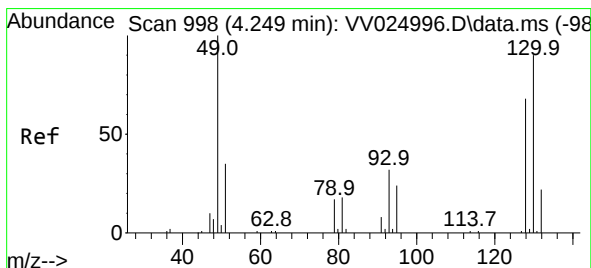
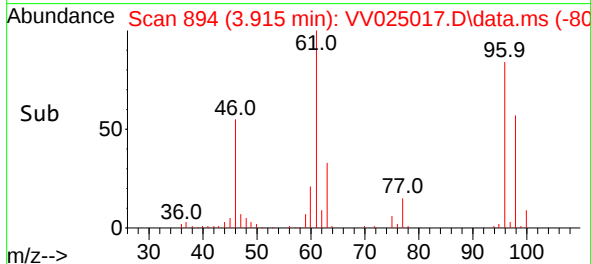
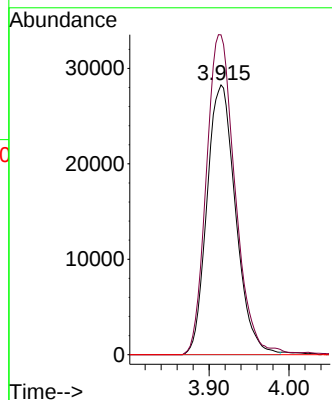
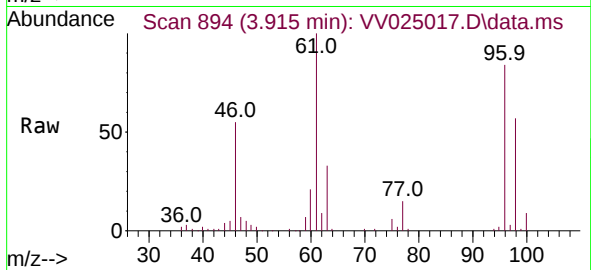




#22
 cis-1,2-Dichloroethene
 Concen: 5.509 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

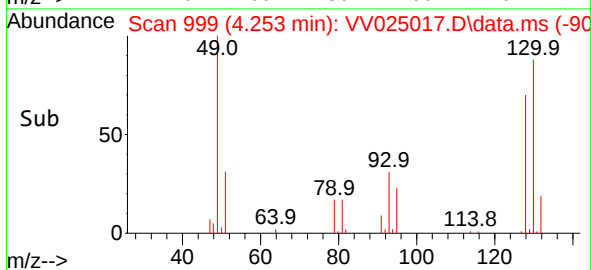
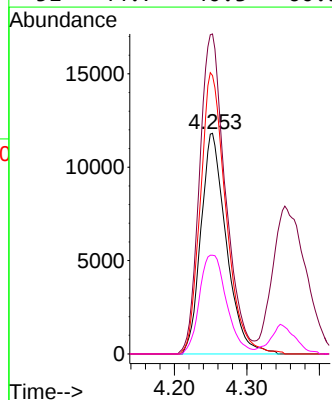
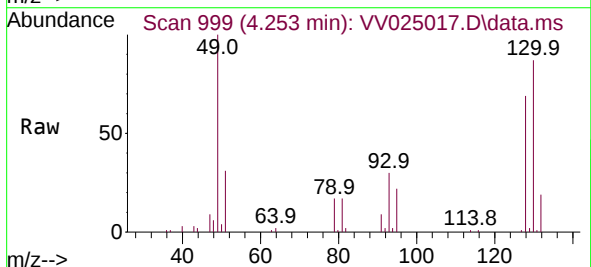
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MSD

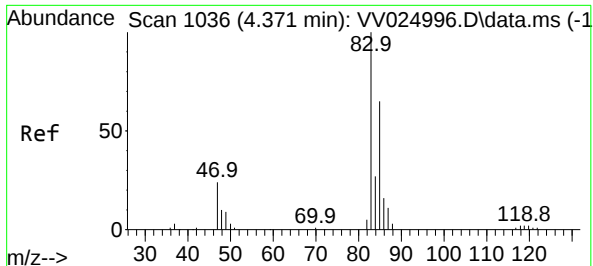
Tgt Ion: 96 Resp: 70525
 Ion Ratio Lower Upper
 96 100
 61 118.6 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.687 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

Tgt Ion: 128 Resp: 28699
 Ion Ratio Lower Upper
 128 100
 49 145.0 107.5 199.7
 130 126.2 89.4 166.0
 51 44.7 40.3 60.5





#25

Chloroform

Concen: 5.846 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

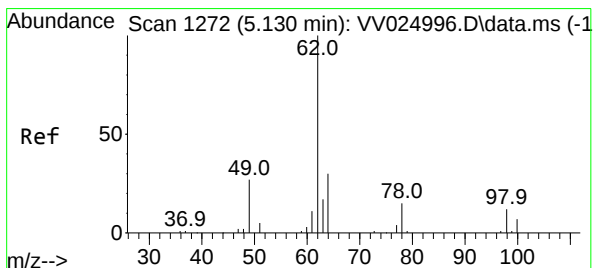
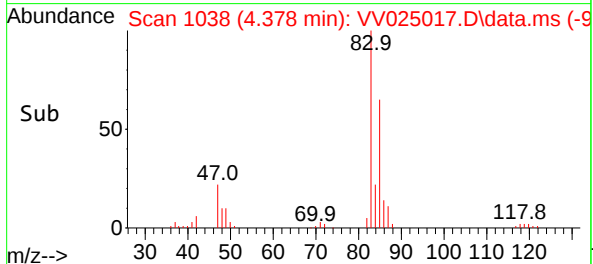
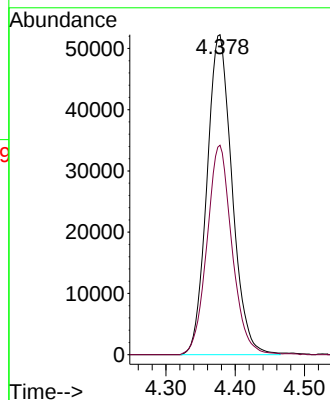
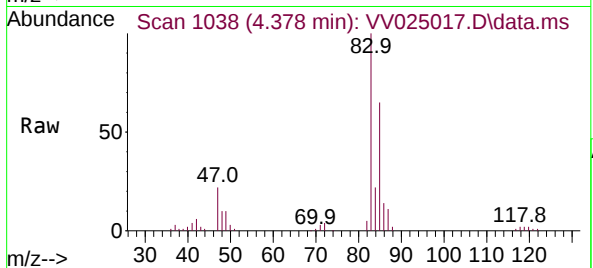
GBDD6MSD

Tgt Ion: 83 Resp: 131353

Ion Ratio Lower Upper

83 100

85 65.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.349 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV025017.D

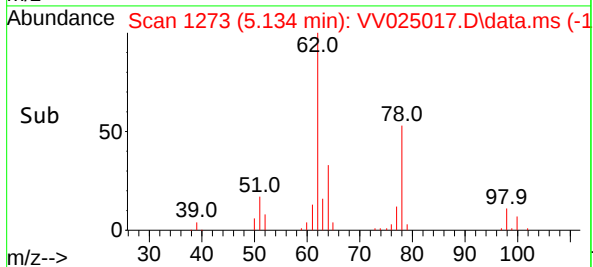
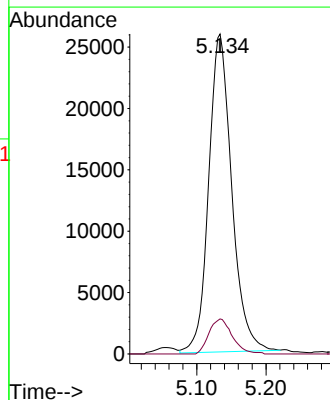
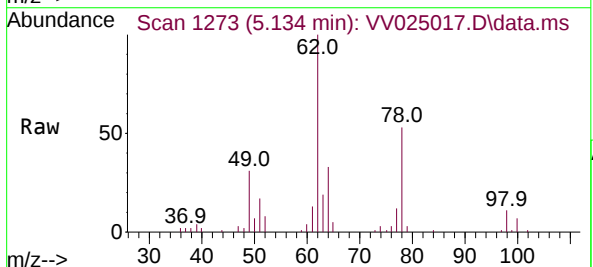
Acq: 15 Mar 2022 23:13

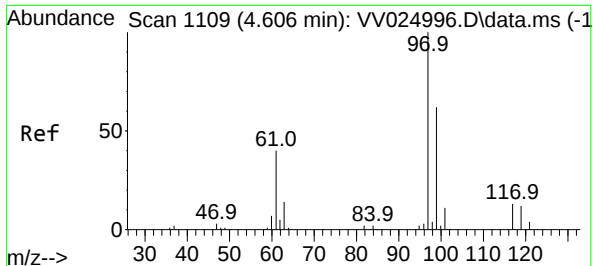
Tgt Ion: 62 Resp: 59758

Ion Ratio Lower Upper

62 100

98 11.0 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.509 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MSD

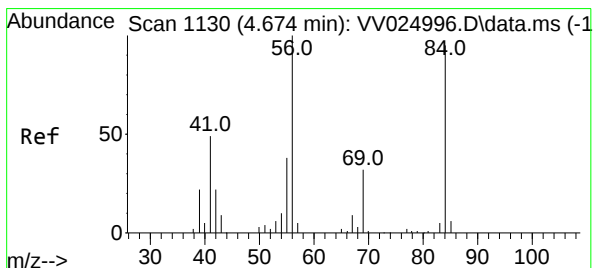
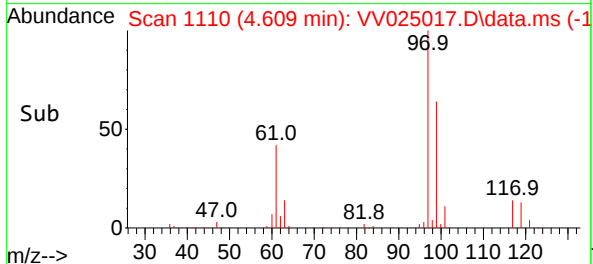
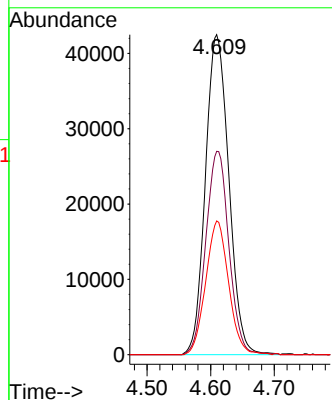
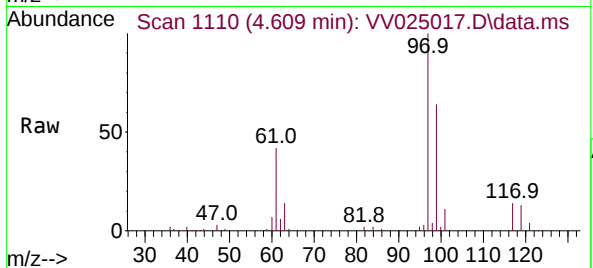
Tgt Ion: 97 Resp: 108688

Ion Ratio Lower Upper

97 100

99 62.8 50.7 76.1

61 41.0 32.4 48.6



#30

Cyclohexane

Concen: 5.082 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

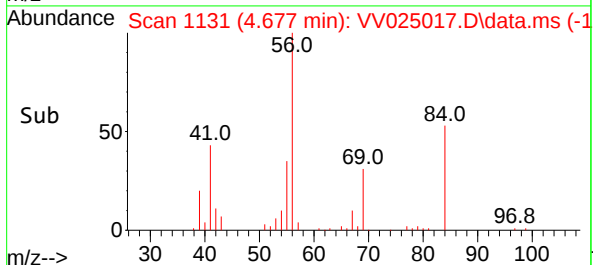
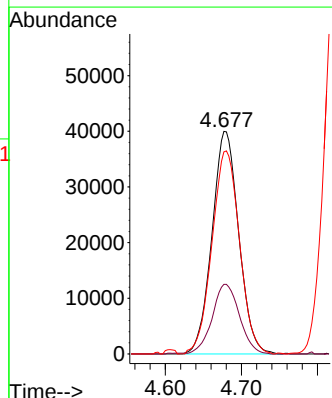
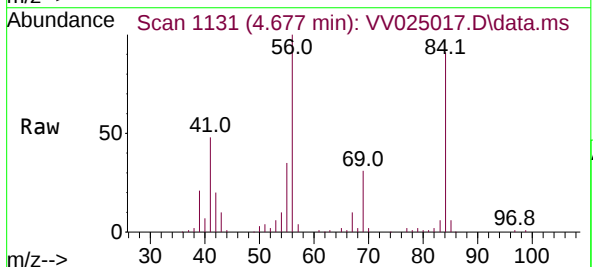
Tgt Ion: 56 Resp: 97550

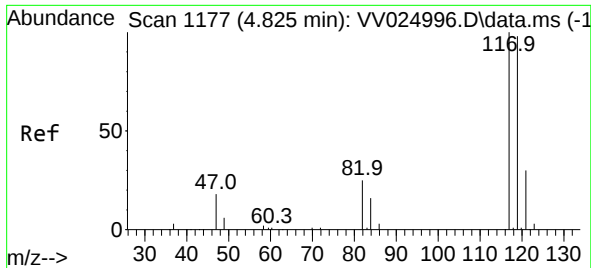
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 94.1 75.9 113.9

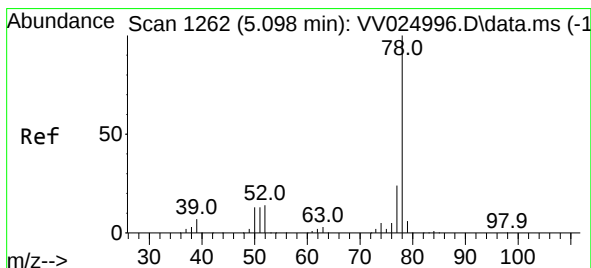
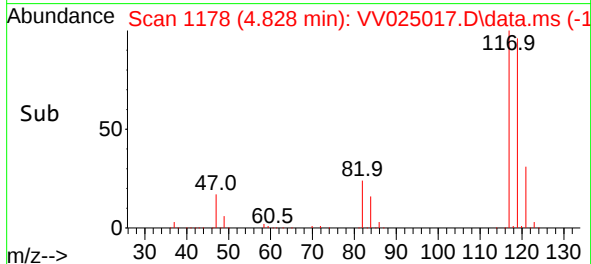
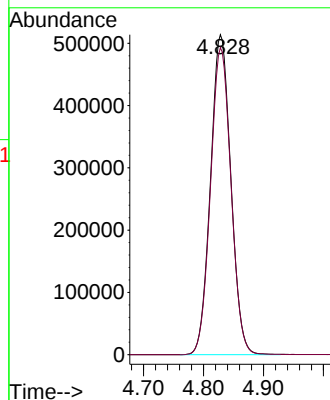
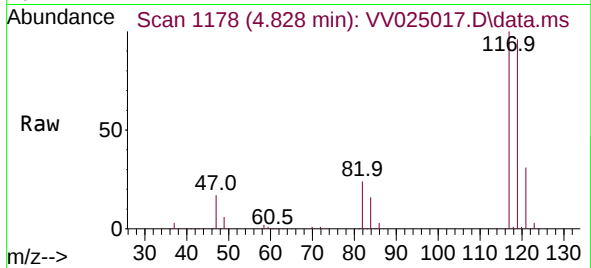




#31
Carbon tetrachloride
Concen: 71.472 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

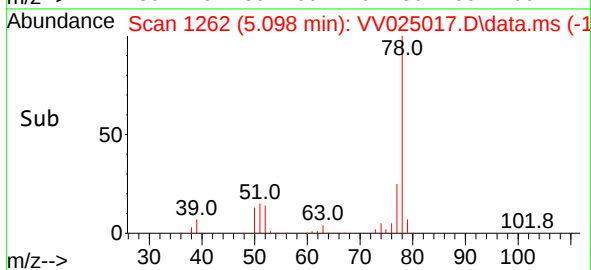
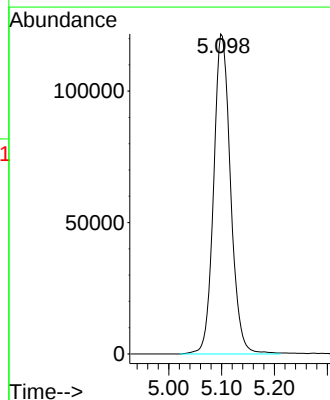
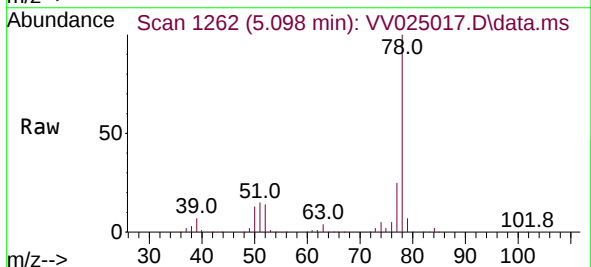
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

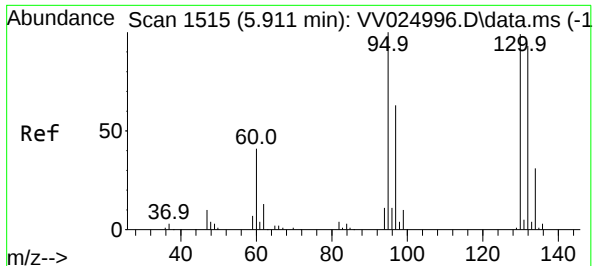
Tgt Ion:117 Resp: 1209795
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2



#33
Benzene
Concen: 5.389 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion: 78 Resp: 271192





#34

Trichloroethene

Concen: 5.260 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MSD

Tgt Ion: 95 Resp: 70476

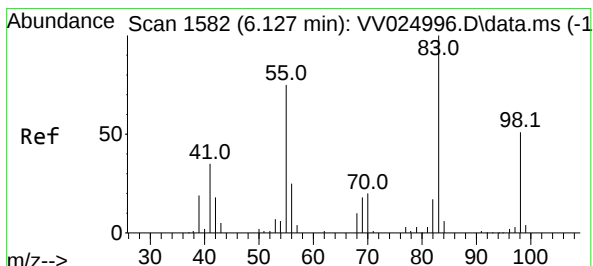
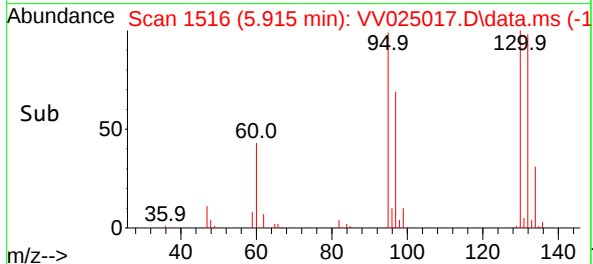
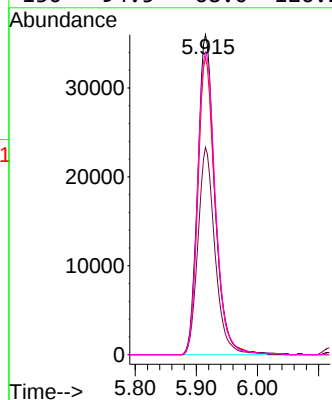
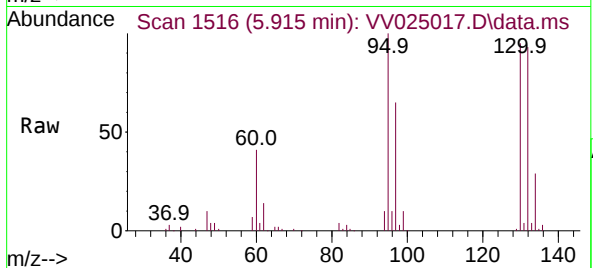
Ion Ratio Lower Upper

95 100

97 64.8 44.5 82.7

132 92.9 66.5 123.5

130 94.5 68.0 126.2



#35

Methylcyclohexane

Concen: 4.470 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

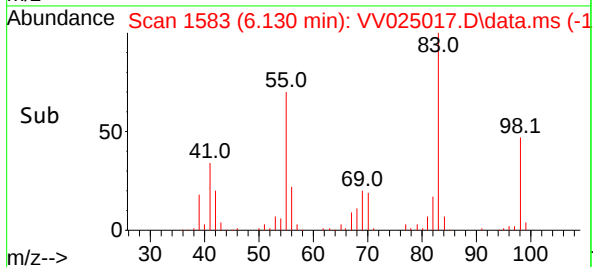
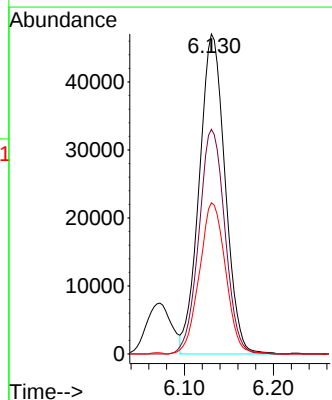
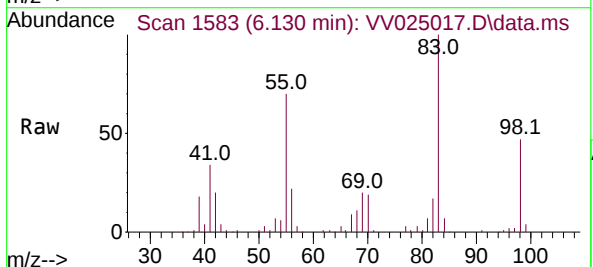
Tgt Ion: 83 Resp: 94804

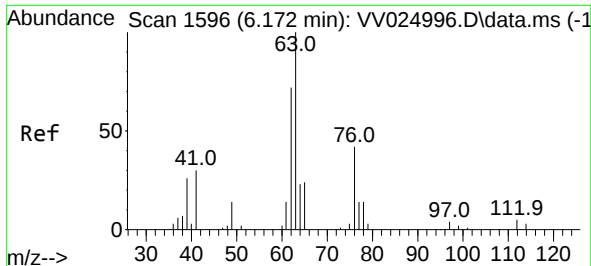
Ion Ratio Lower Upper

83 100

55 70.7 55.4 83.0

98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.539 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

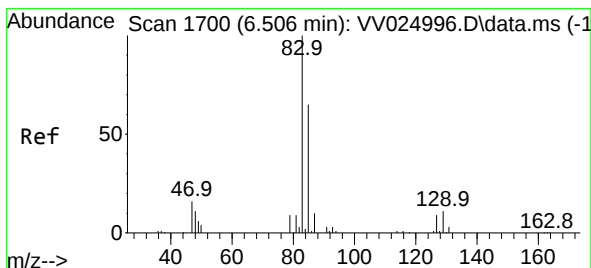
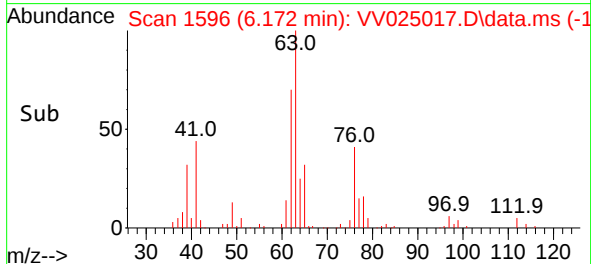
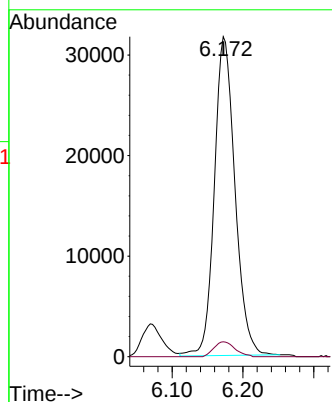
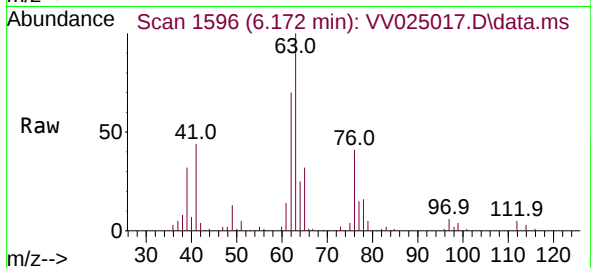
GBDD6MSD

Tgt Ion: 63 Resp: 64053

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 5.539 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

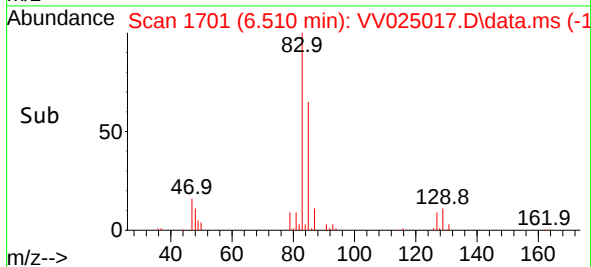
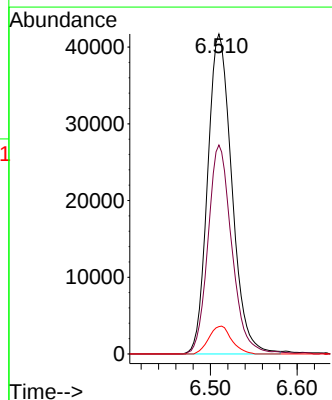
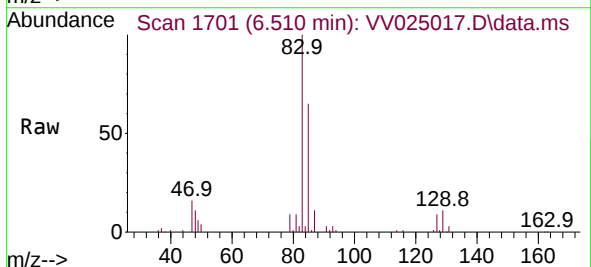
Tgt Ion: 83 Resp: 80995

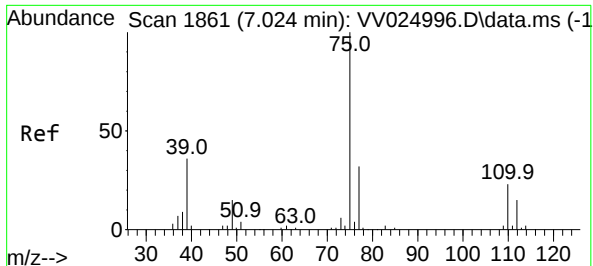
Ion Ratio Lower Upper

83 100

85 65.3 44.8 83.2

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.430 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

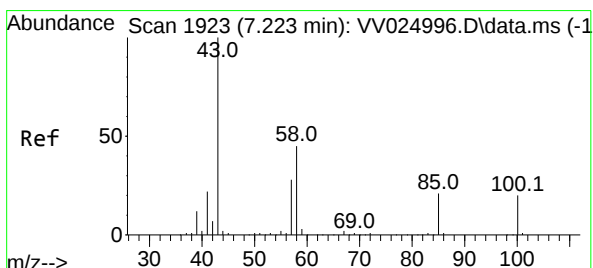
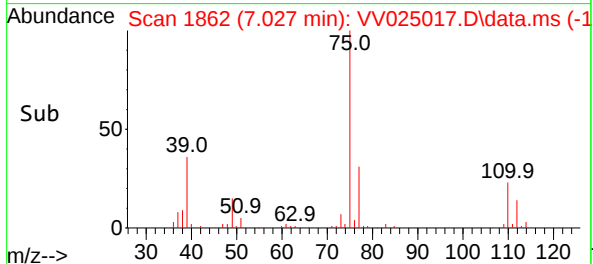
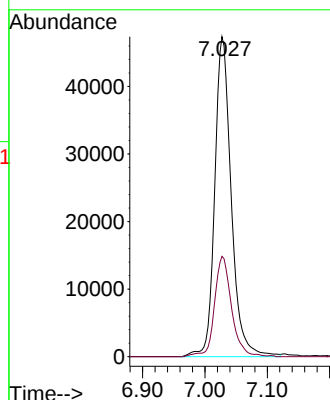
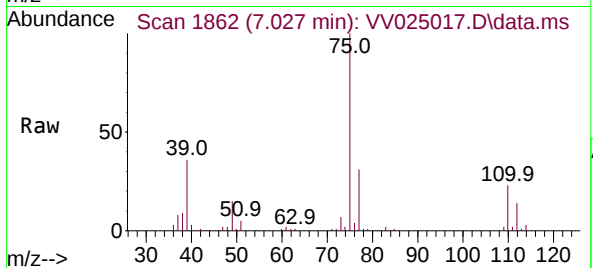
GBDD6MSD

Tgt Ion: 75 Resp: 87185

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 58.098 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

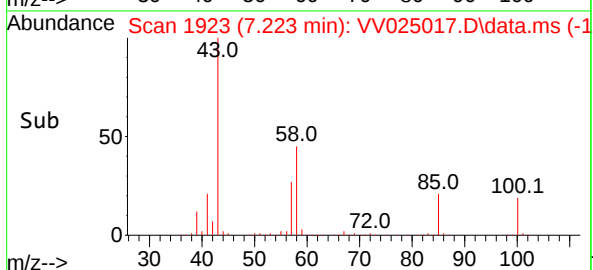
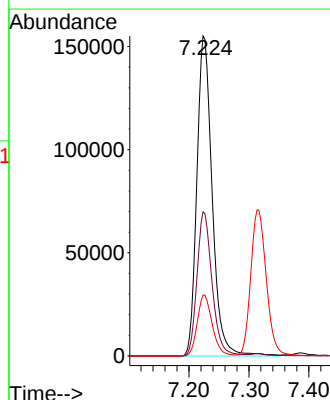
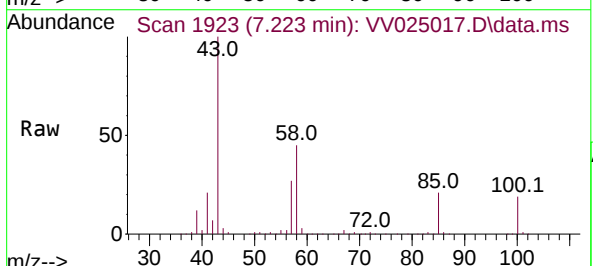
Tgt Ion: 43 Resp: 276446

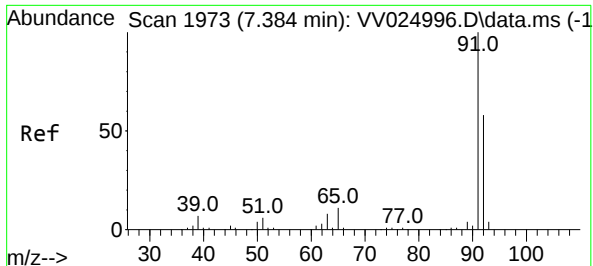
Ion Ratio Lower Upper

43 100

58 44.2 36.6 55.0

100 18.6 13.8 20.8





#42

Toluene

Concen: 5.426 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

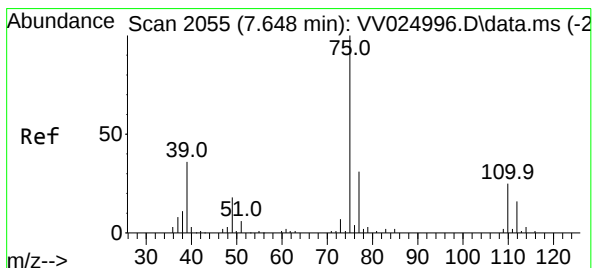
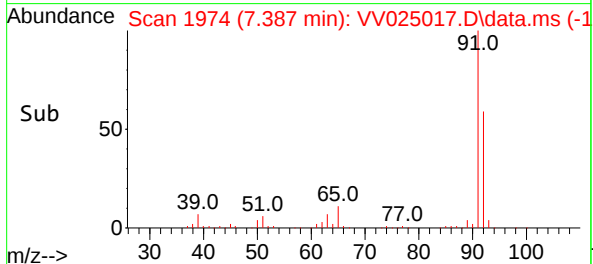
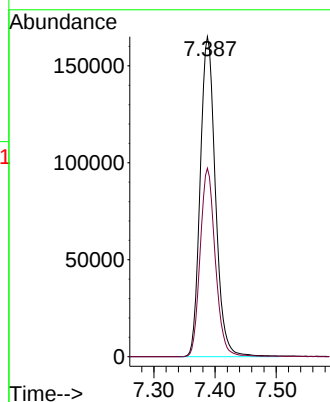
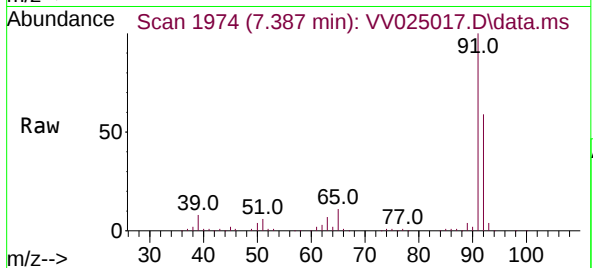
GBDD6MSD

Tgt Ion: 91 Resp: 285771

Ion Ratio Lower Upper

91 100

92 58.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.381 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025017.D

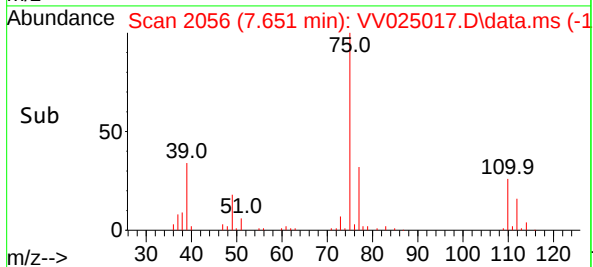
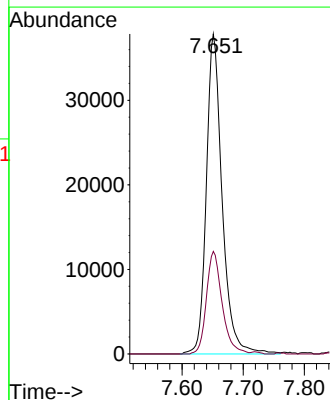
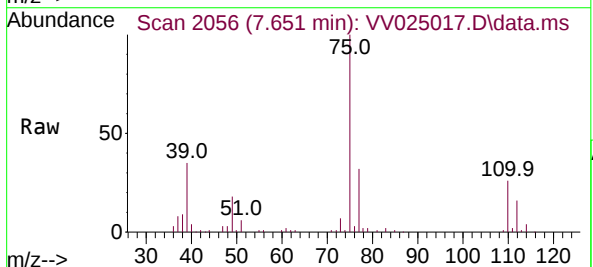
Acq: 15 Mar 2022 23:13

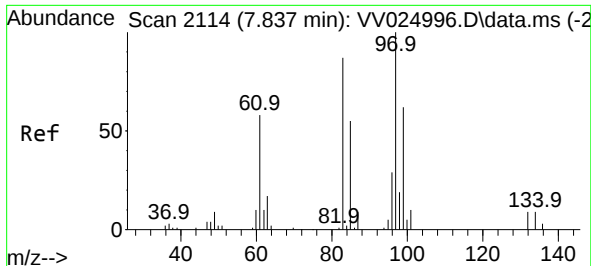
Tgt Ion: 75 Resp: 67982

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.524 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MSD

Tgt Ion: 97 Resp: 42660

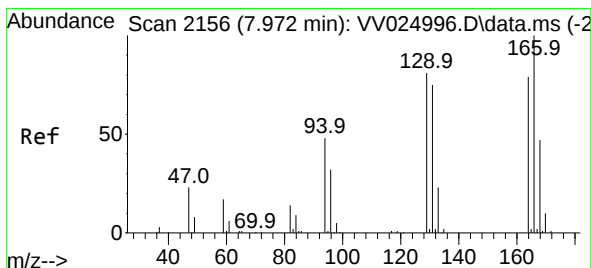
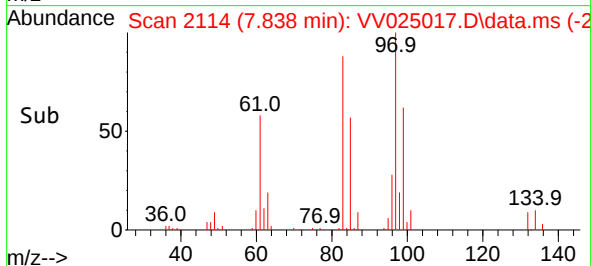
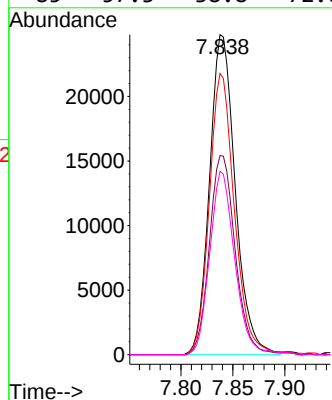
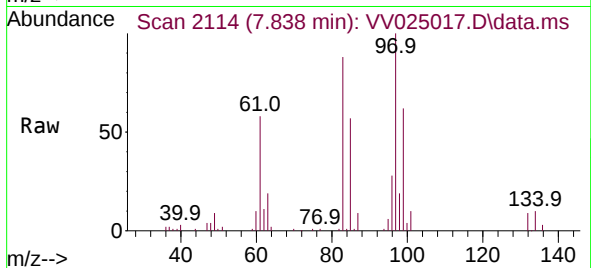
Ion Ratio Lower Upper

97 100

99 62.2 43.7 81.1

83 87.8 58.9 109.3

85 57.3 38.8 72.0



#47

Tetrachloroethene

Concen: 4.725 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Tgt Ion:164 Resp: 44538

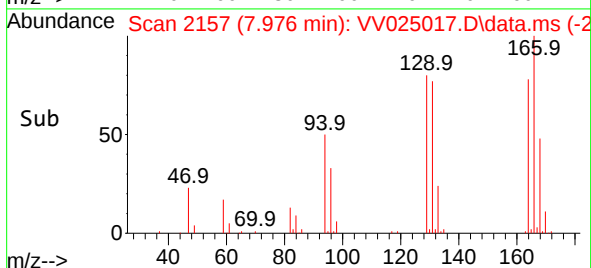
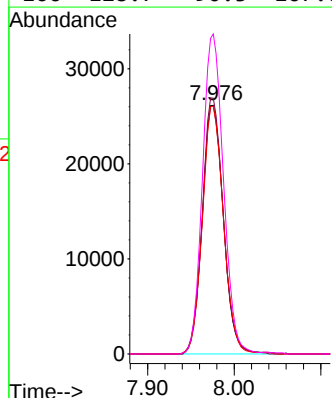
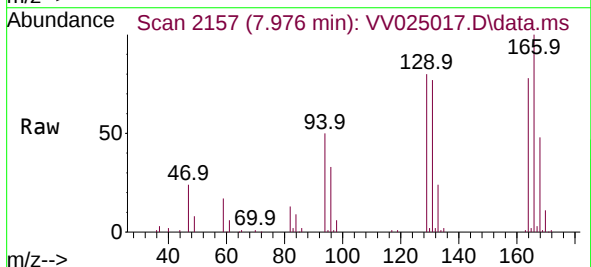
Ion Ratio Lower Upper

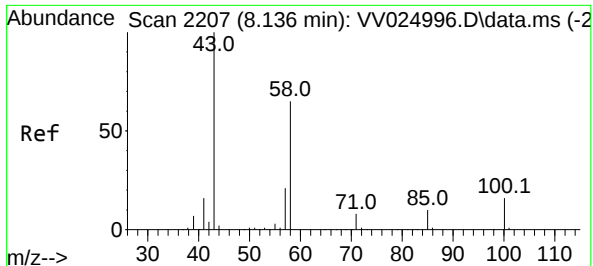
164 100

129 102.9 70.3 130.7

131 99.7 69.4 129.0

166 128.7 90.3 167.7

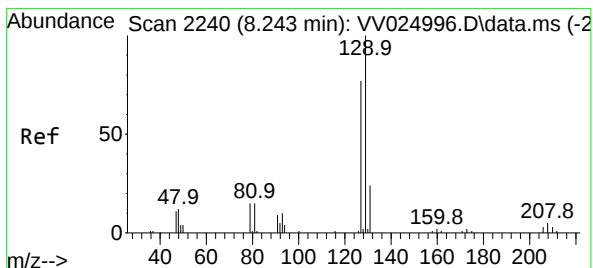
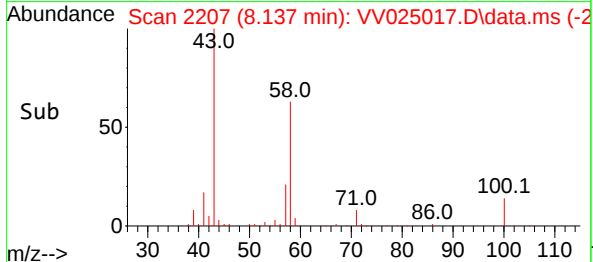
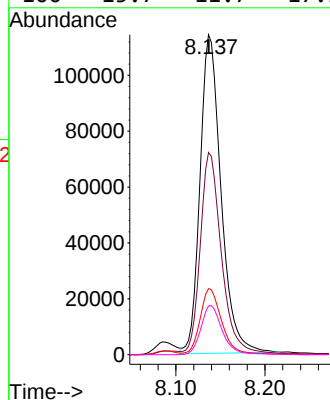
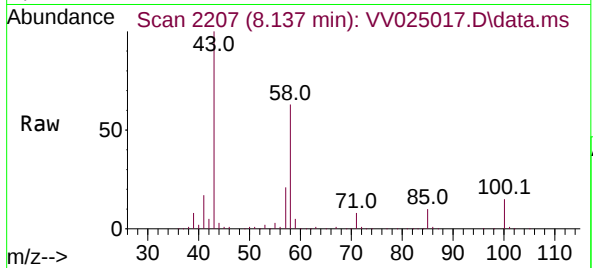




#48
2-Hexanone
Concen: 55.556 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

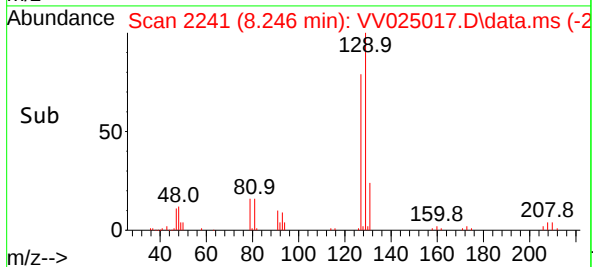
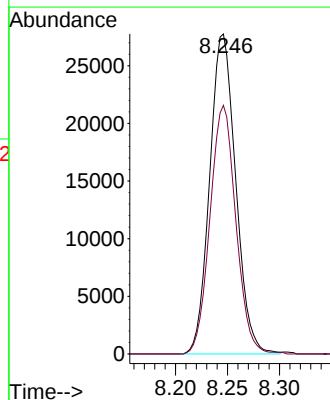
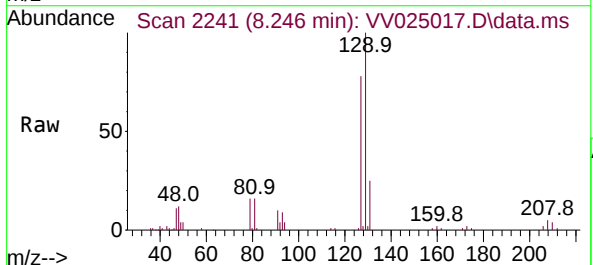
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

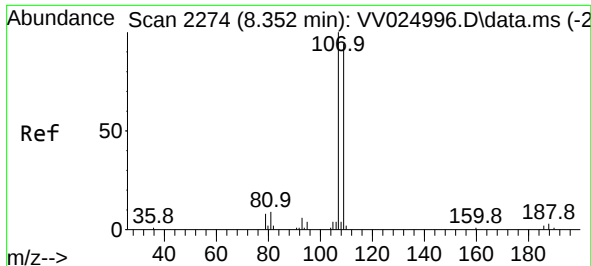
Tgt Ion: 43	Resp: 187414
Ion Ratio	Lower Upper
43 100	
58 63.2	49.2 73.8
57 21.1	16.0 24.0
100 15.7	11.7 17.5



#49
Dibromochloromethane
Concen: 5.590 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:129	Resp:	48331	
Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.512 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MSD

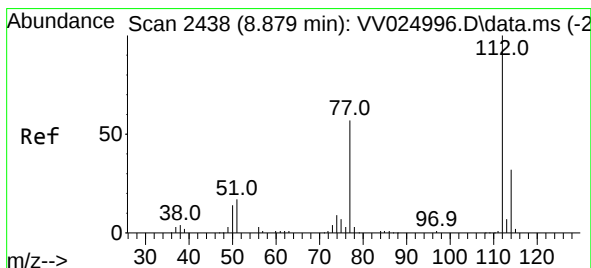
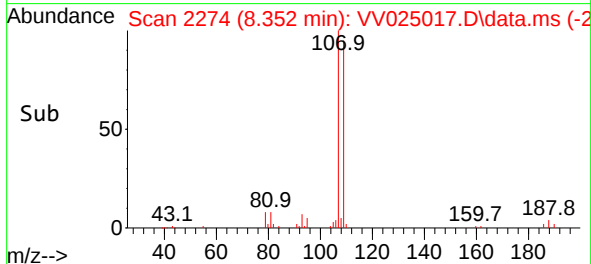
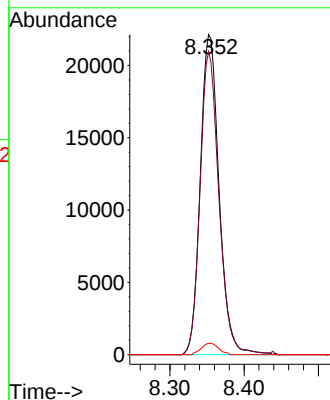
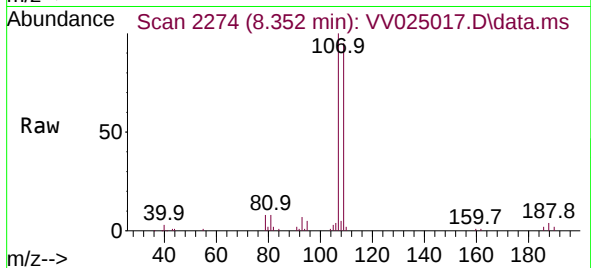
Tgt Ion:107 Resp: 38959

Ion Ratio Lower Upper

107 100

109 94.6 65.5 121.6

188 3.6 2.4 3.6



#51

Chlorobenzene

Concen: 5.350 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025017.D

Acq: 15 Mar 2022 23:13

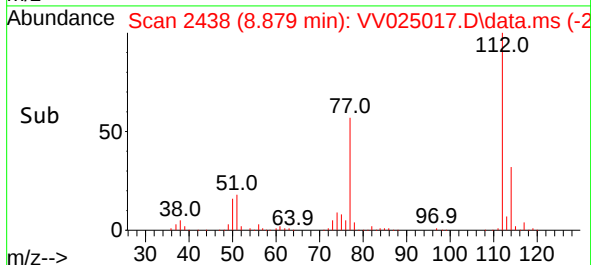
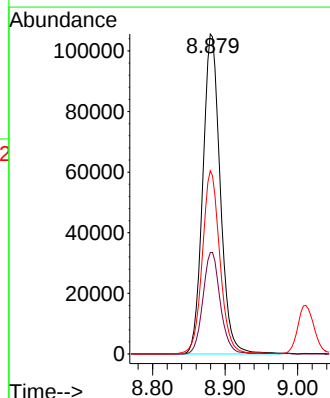
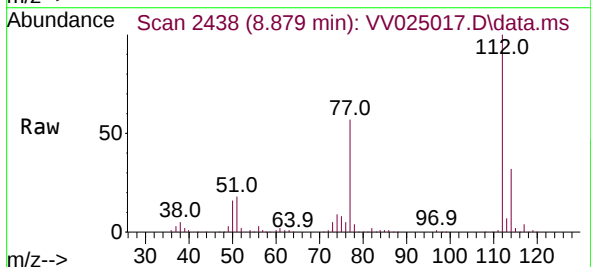
Tgt Ion:112 Resp: 176437

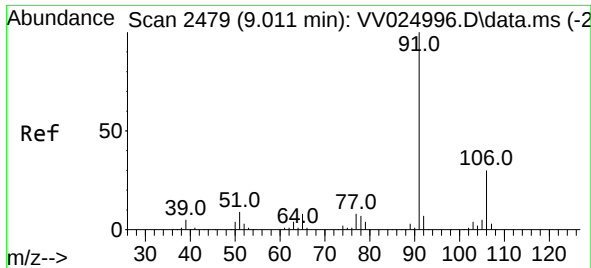
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 57.2 45.3 67.9

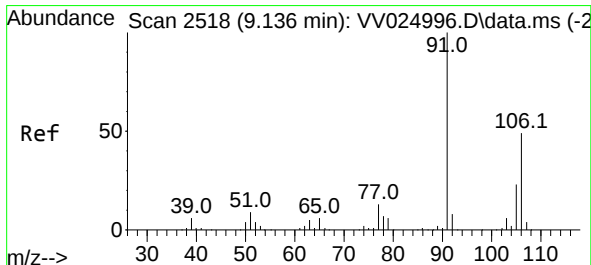
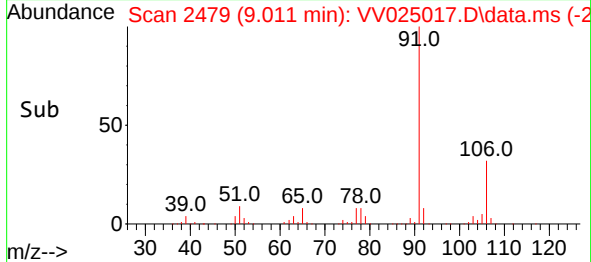
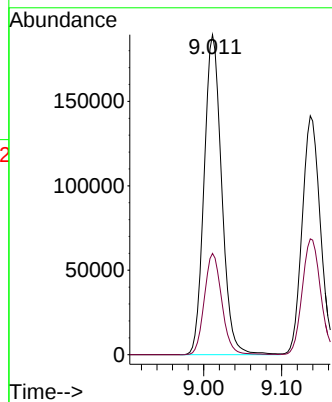
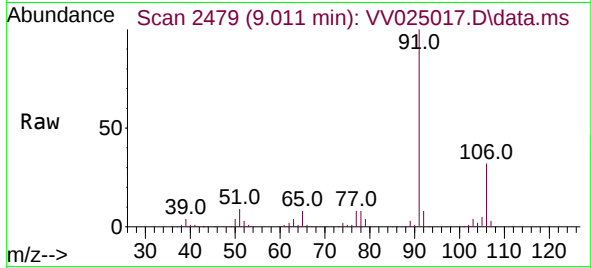




#52
Ethylbenzene
Concen: 5.327 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

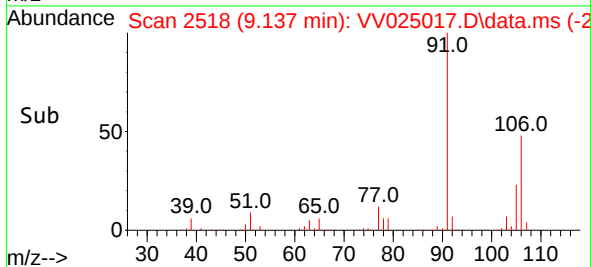
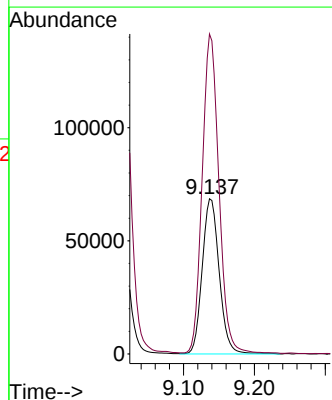
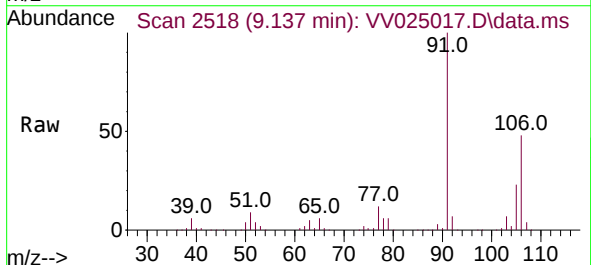
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

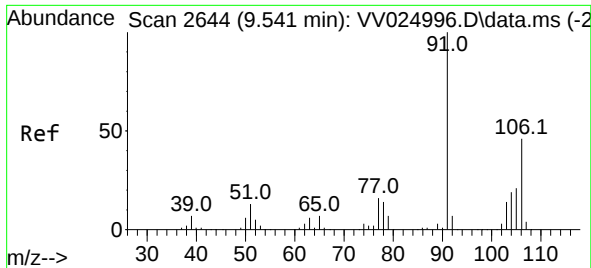
Tgt Ion: 91 Resp: 296757
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-xylene
Concen: 5.331 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion: 106 Resp: 114379
Ion Ratio Lower Upper
106 100
91 206.2 143.4 266.4

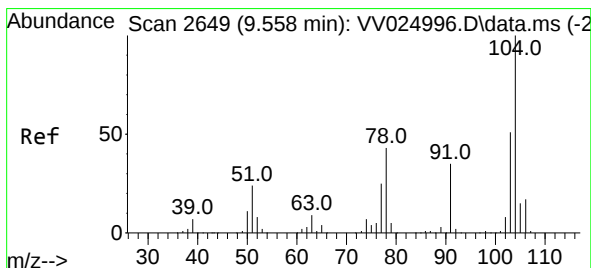
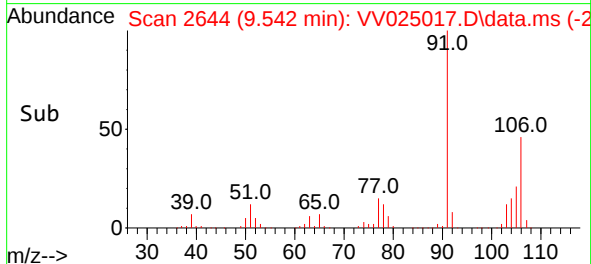
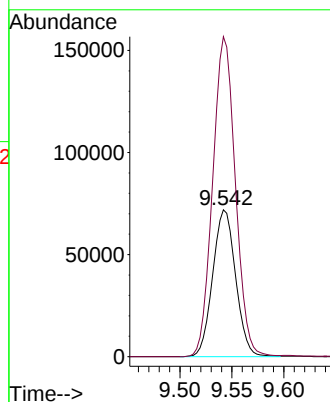
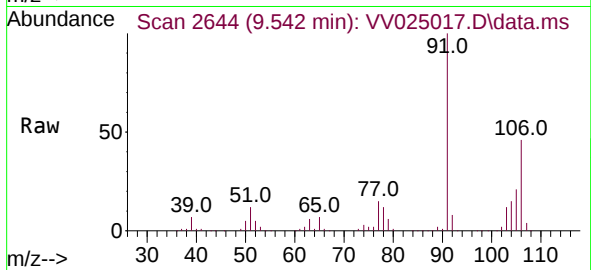




#54
o-xylene
Concen: 5.385 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

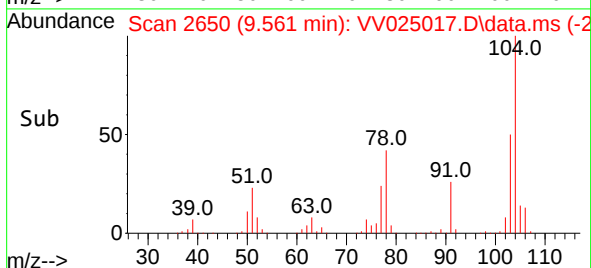
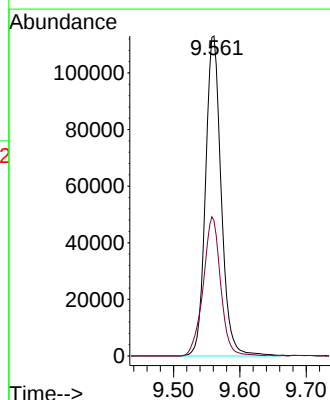
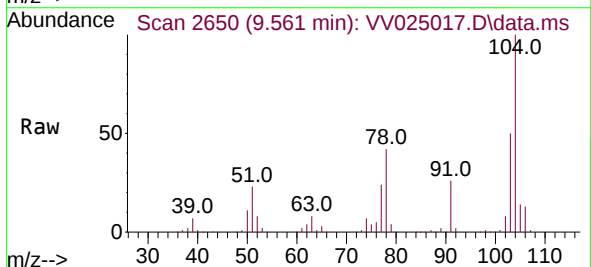
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

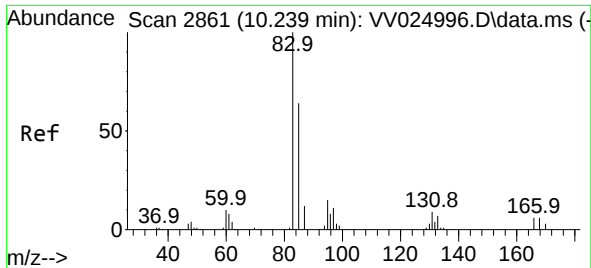
Tgt Ion:106 Resp: 110482
Ion Ratio Lower Upper
106 100
91 217.9 146.7 272.5



#55
Styrene
Concen: 5.571 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:104 Resp: 186147
Ion Ratio Lower Upper
104 100
78 42.3 30.2 56.2

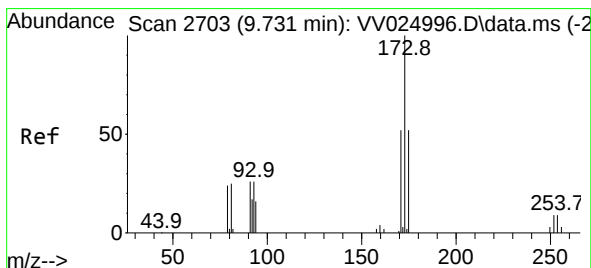
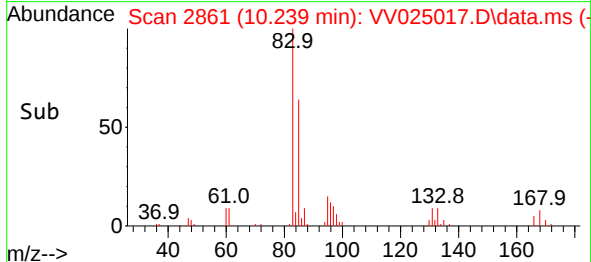
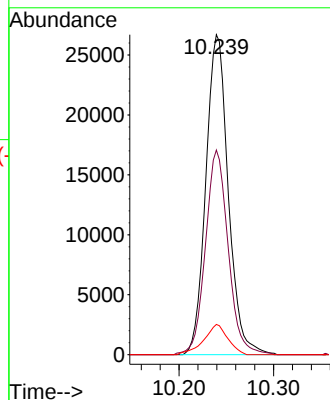
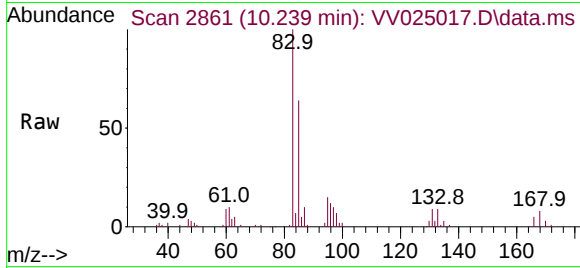




#57
1,1,2,2-Tetrachloroethane
Concen: 5.815 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

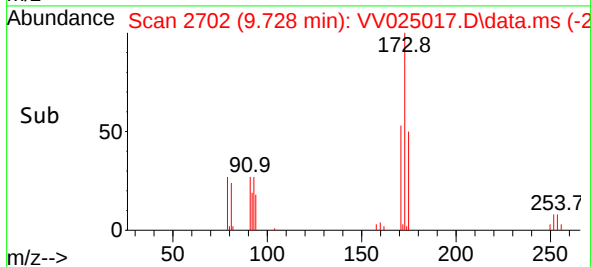
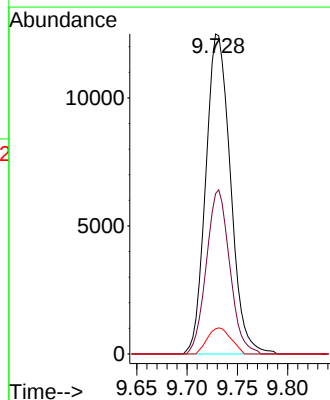
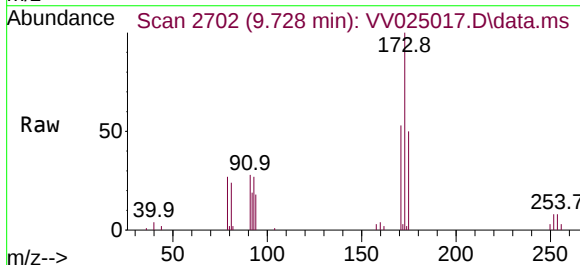
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

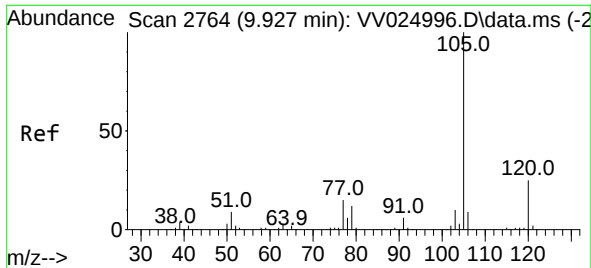
Tgt Ion:	83	Resp:	44032
Ion	Ratio	Lower	Upper
83	100		
85	63.9	43.9	81.5
131	9.5	7.5	11.3



#59
Bromoform
Concen: 5.247 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:	173	Resp:	21326
Ion	Ratio	Lower	Upper
173	100		
175	48.6	37.8	56.8
254	7.7	5.8	8.6

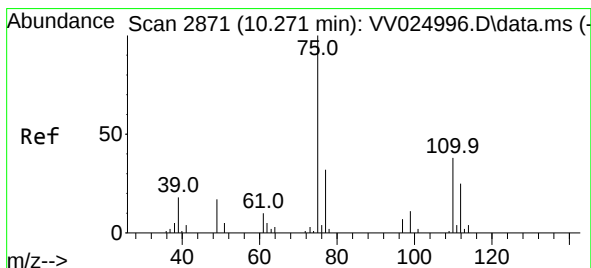
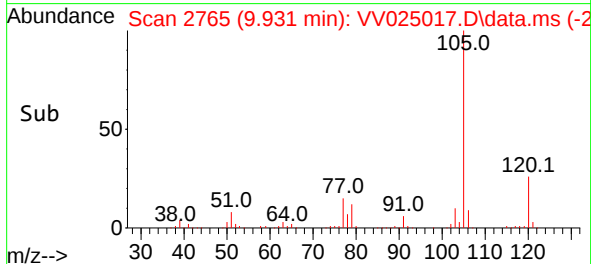
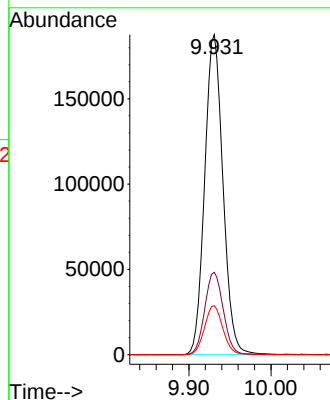
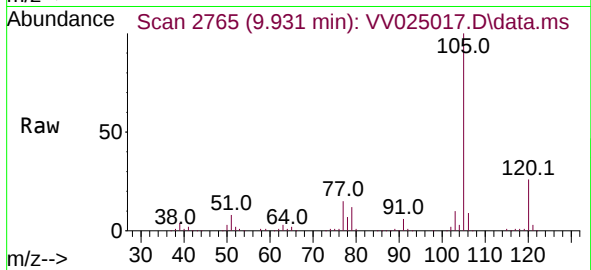




#60
Isopropylbenzene
Concen: 5.104 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

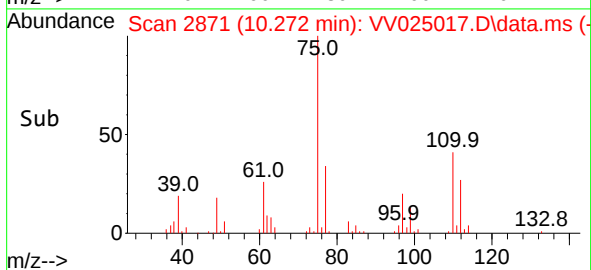
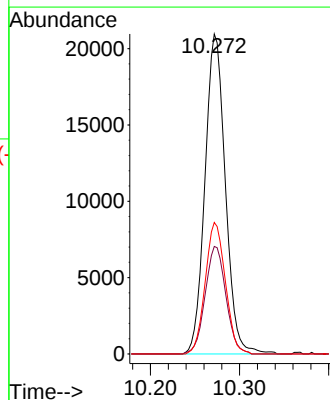
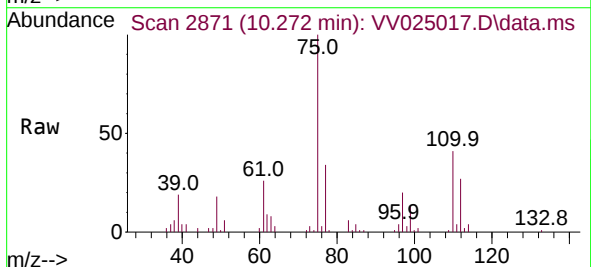
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

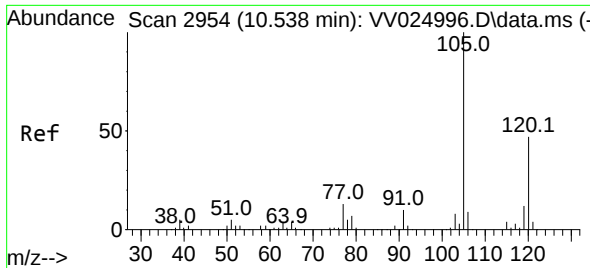
Tgt Ion:105 Resp: 290456
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.247 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion: 75 Resp: 33303
Ion Ratio Lower Upper
75 100
77 34.2 25.7 38.5
110 40.4 31.2 46.8

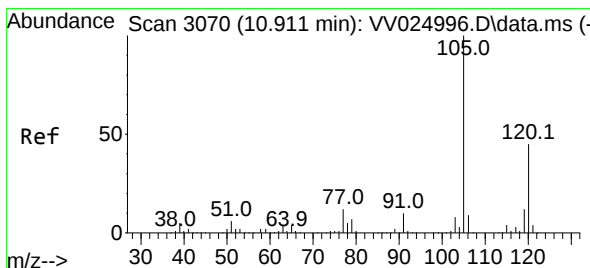
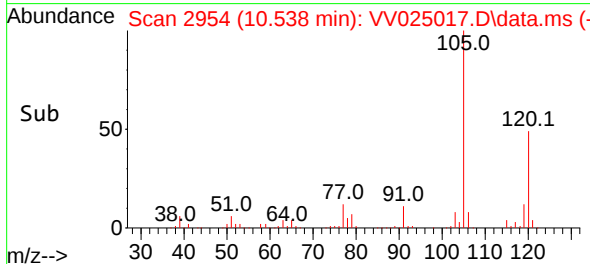
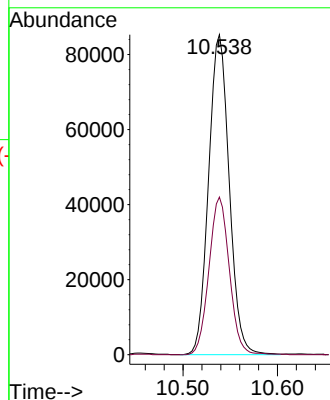
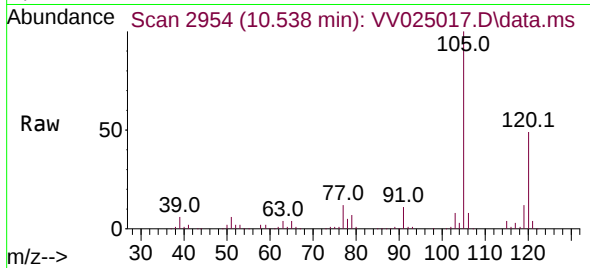




#62
1,3,5-Trimethylbenzene
Concen: 5.002 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

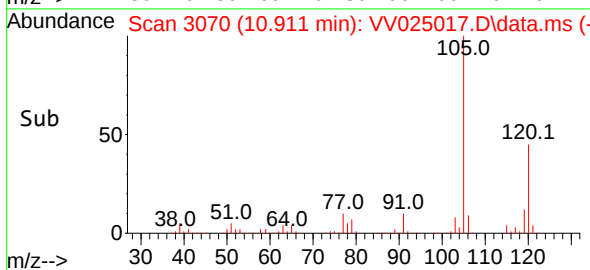
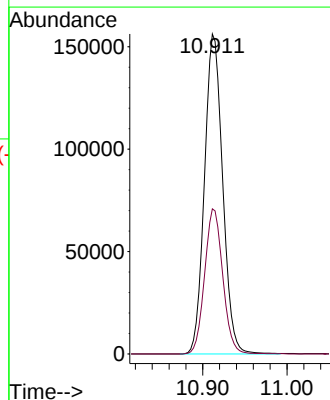
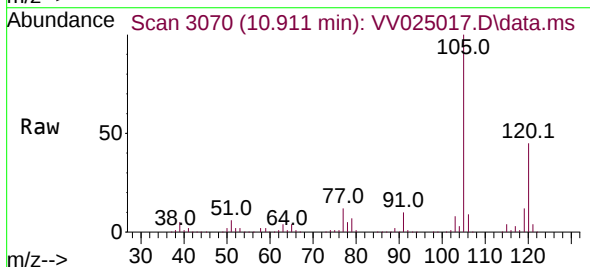
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

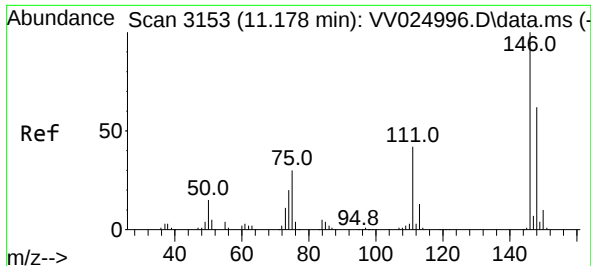
Tgt Ion:105 Resp: 129185
Ion Ratio Lower Upper
105 100
120 48.7 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.143 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:105 Resp: 235235
Ion Ratio Lower Upper
105 100
120 45.2 35.8 53.8

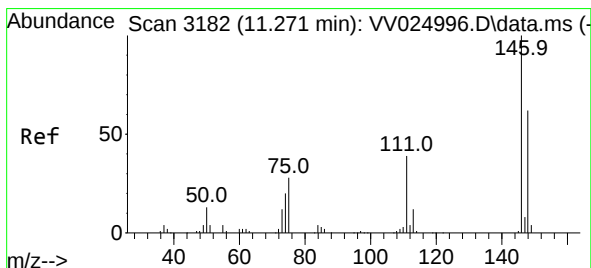
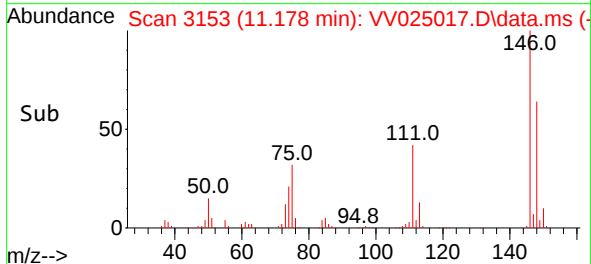
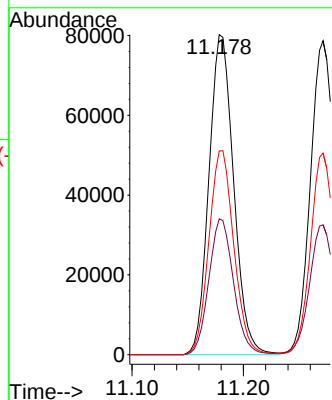
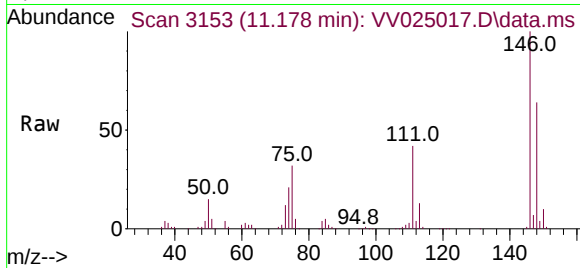




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

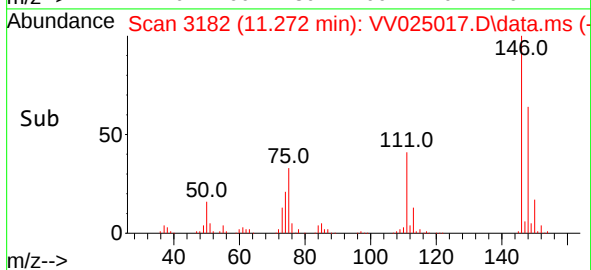
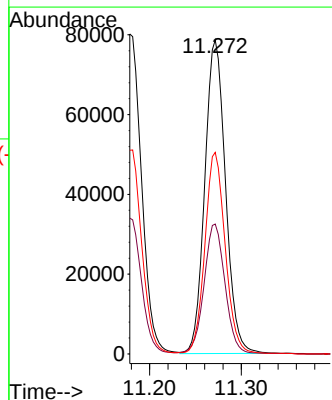
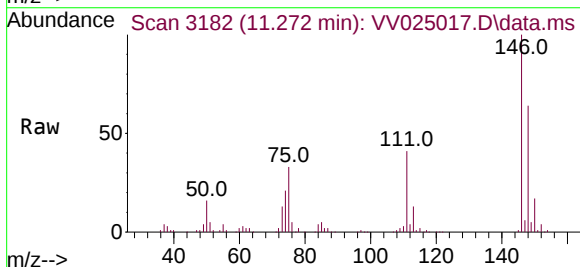
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

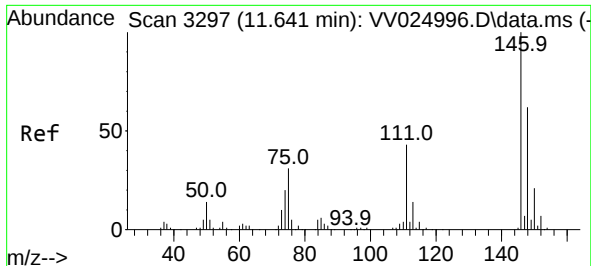
Tgt Ion:146 Resp: 123699
Ion Ratio Lower Upper
146 100
111 42.5 29.2 54.2
148 63.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.964 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:146 Resp: 123527
Ion Ratio Lower Upper
146 100
111 41.4 28.2 52.4
148 64.2 43.8 81.4

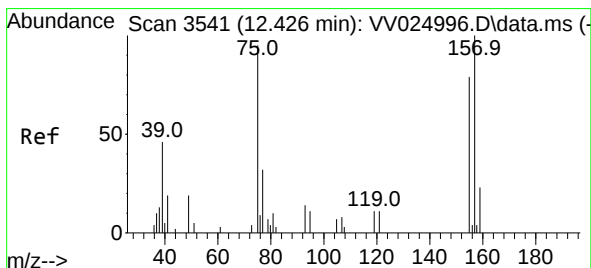
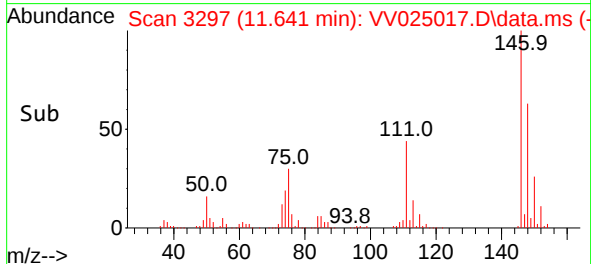
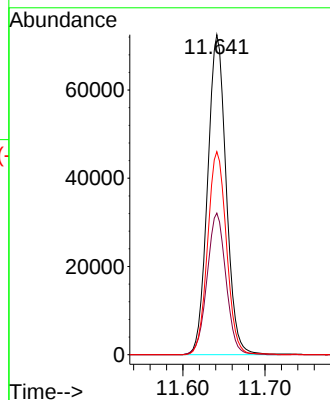
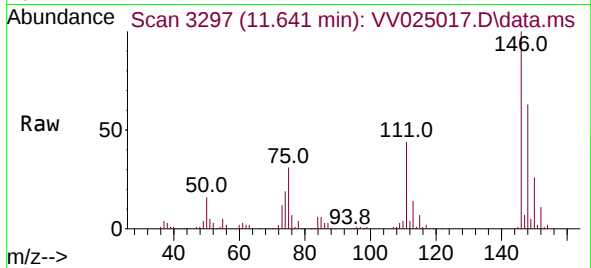




#67
1,2-Dichlorobenzene
Concen: 5.202 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

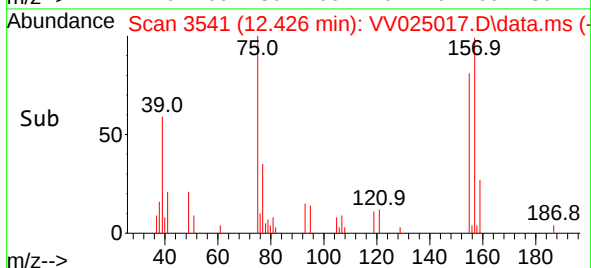
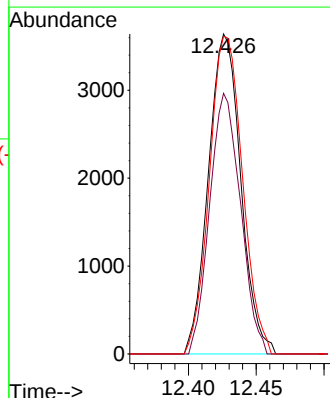
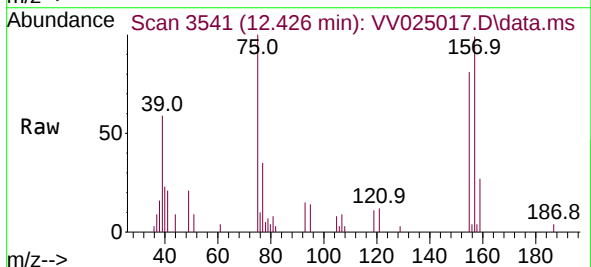
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

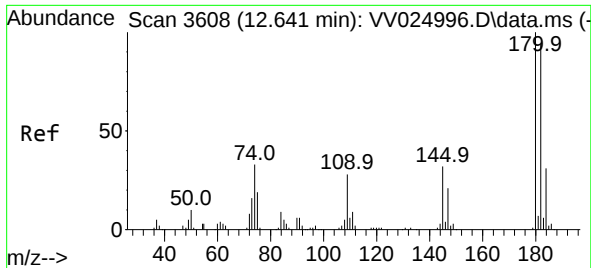
Tgt Ion:146 Resp: 113798
Ion Ratio Lower Upper
146 100
111 44.2 35.5 53.3
148 63.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.555 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion: 75 Resp: 6044
Ion Ratio Lower Upper
75 100
155 81.5 65.9 98.9
157 99.3 89.7 134.5

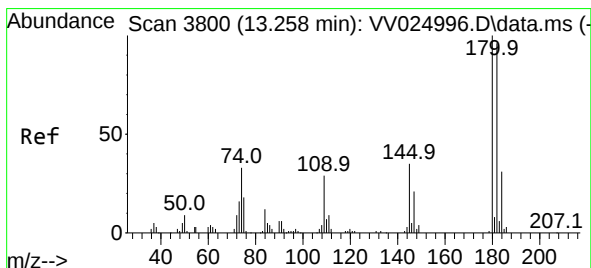
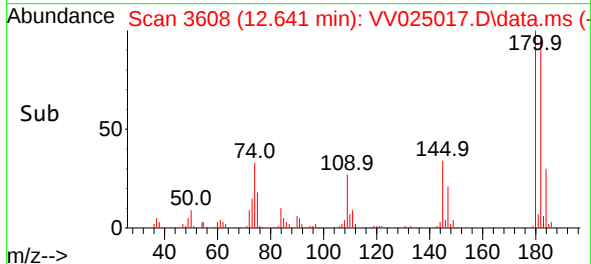
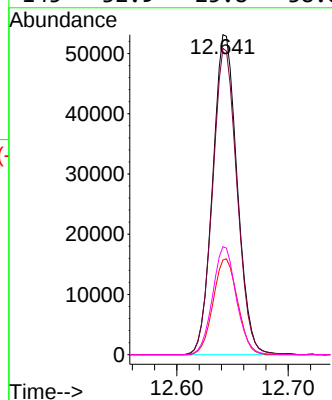
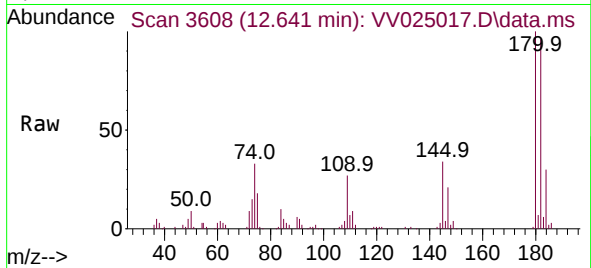




#69
 1,3,5-Trichlorobenzene
 Concen: 4.633 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

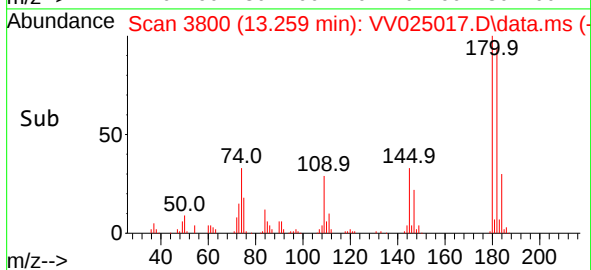
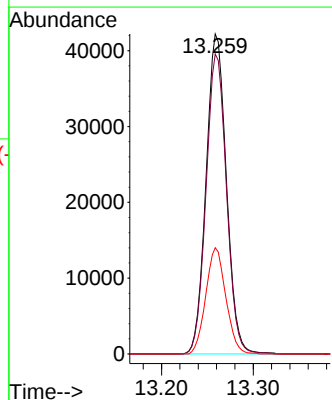
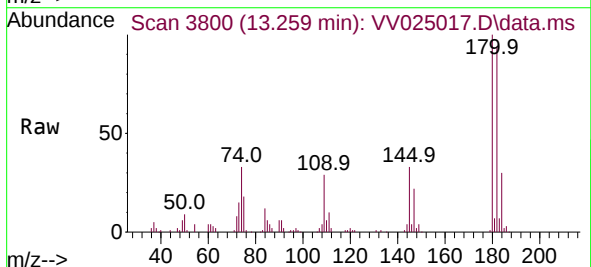
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MSD

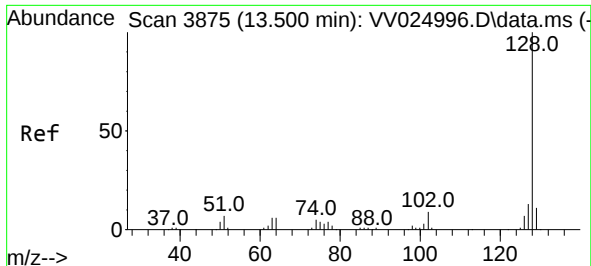
Tgt Ion:180	Resp:	80781
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.4 113.0
184	30.0	24.2 36.4
145	32.9	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.785 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025017.D
 Acq: 15 Mar 2022 23:13

Tgt Ion:180	Resp:	65009
Ion Ratio	Lower	Upper
180	100	
182	94.0	74.6 112.0
145	32.7	26.1 39.1

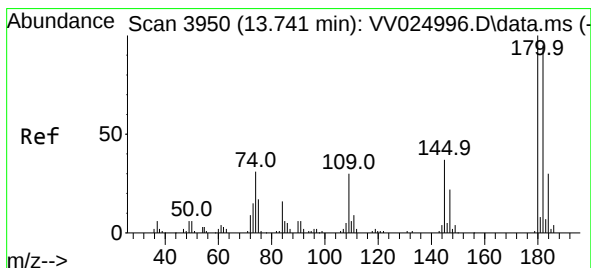
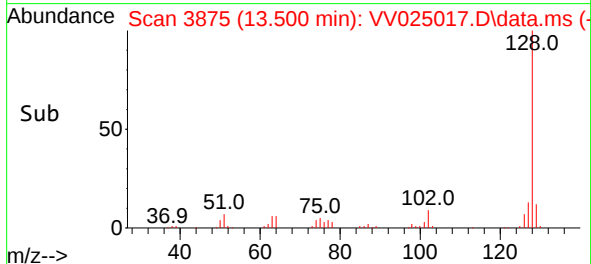
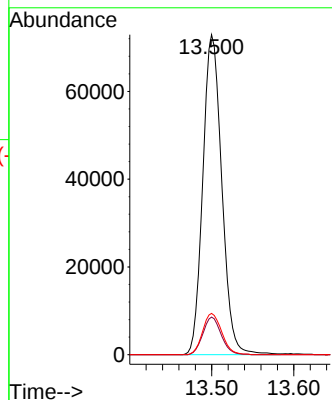
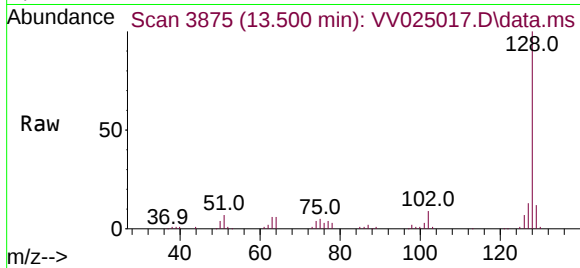




#71
Naphthalene
Concen: 5.195 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Instrument :
MSVOA_V
ClientSampleId :
GBDD6MSD

Tgt Ion:128 Resp: 117213
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.0 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.041 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025017.D
Acq: 15 Mar 2022 23:13

Tgt Ion:180 Resp: 58030
Ion Ratio Lower Upper
180 100
182 95.3 74.8 112.2
145 34.6 27.6 41.4

