

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025016.D
 Acq On : 15 Mar 2022 22:50
 Operator : SY/MD
 Sample : M1934-05MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MS

Quant Time: Mar 16 03:42:58 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	157595	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59617	4.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.568	69	44097	4.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.111	63	99809	4.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.889	46	95809	63.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.440%
24) Chloroform-d	4.349	84	105319	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.034	65	43711	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.050	84	214047	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.069	67	63162	5.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.313	98	192546	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.622	79	21191	5.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.088	63	77150	53.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38656	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61101	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	74262	5.333	ug/L	97
3) Chloromethane	1.243	50	66862	5.091	ug/L	98
5) Vinyl chloride	1.310	62	72712	5.248	ug/L	99
6) Bromomethane	1.523	94	44654	4.987	ug/L	100
8) Chloroethane	1.587	64	42823	5.097	ug/L	100
9) Trichlorofluoromethane	1.754	101	99160	5.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	55423	5.424	ug/L	99
12) 1,1-Dichloroethene	2.121	96	55352	5.513	ug/L	93
13) Acetone	2.179	43	90175	89.670	ug/L	79
14) Carbon disulfide	2.294	76	183138	5.098	ug/L	100
15) Methyl Acetate	2.439	43	13942	5.060	ug/L	96
16) Methylene chloride	2.507	84	60670	4.987	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	115708	5.291	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	63303	5.239	ug/L	99
19) 1,1-Dichloroethane	3.191	63	110891	5.393	ug/L	99
21) 2-Butanone	3.973	43	98912	62.318	ug/L	78
22) cis-1,2-Dichloroethene	3.912	96	65914	5.404	ug/L	97
23) Bromochloromethane	4.252	128	26317	5.472	ug/L	92
25) Chloroform	4.375	83	121633	5.681	ug/L	98

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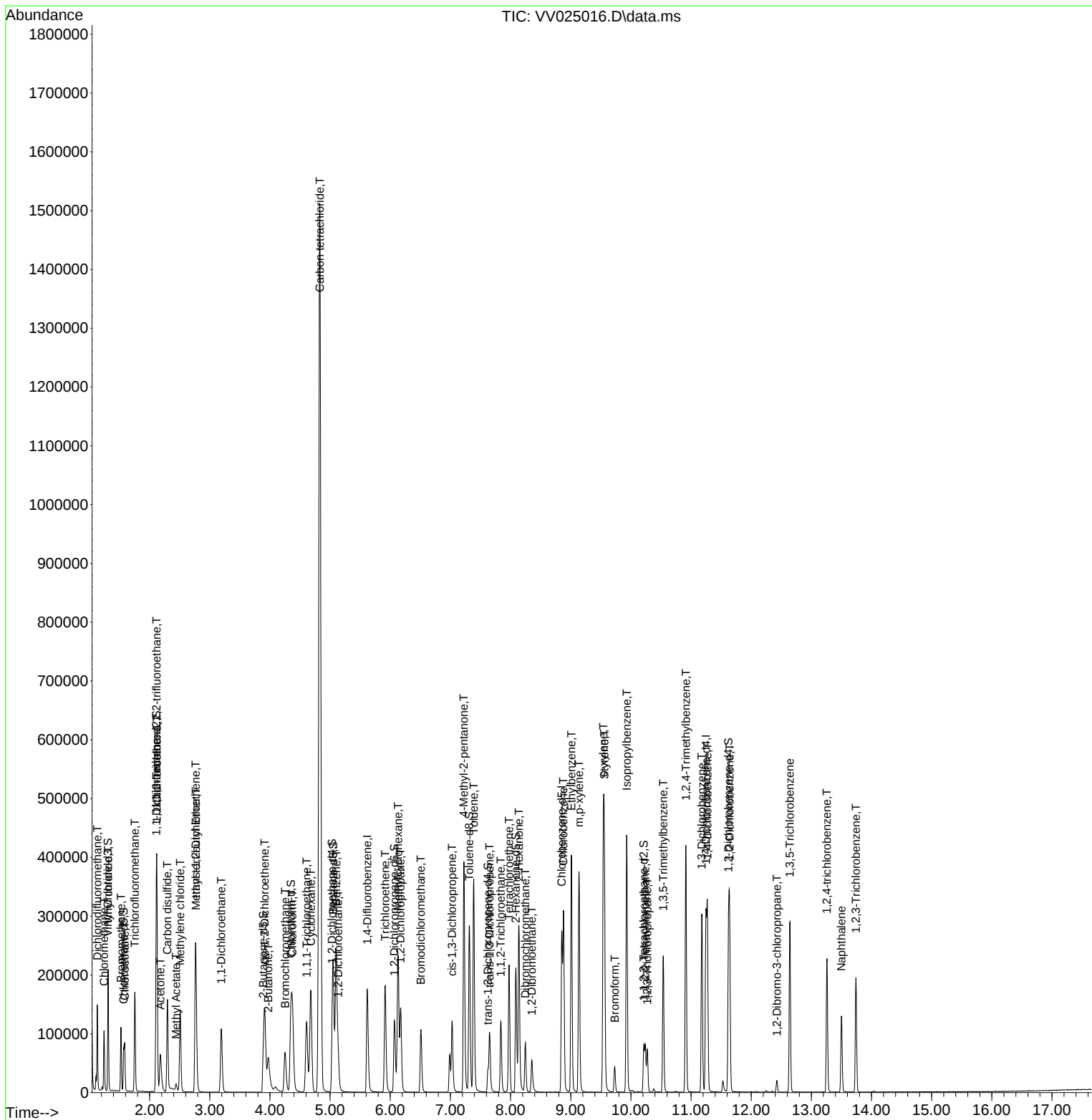
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 ClientSampleId :
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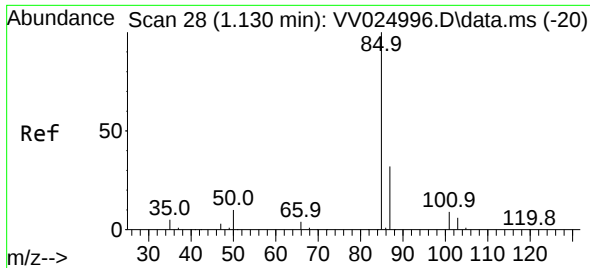
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56060	5.266	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	100399	5.411	ug/L	99
30) Cyclohexane	4.680	56	95129	5.269	ug/L	99
31) Carbon tetrachloride	4.828	117	1147653	72.092	ug/L	100
33) Benzene	5.101	78	253557	5.358	ug/L	100
34) Trichloroethene	5.915	95	66497	5.277	ug/L	98
35) Methylcyclohexane	6.130	83	104075	5.218	ug/L	99
37) 1,2-Dichloropropane	6.172	63	60548	5.567	ug/L	99
38) Bromodichloromethane	6.510	83	73803	5.366	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	81517	5.398	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	245743	54.914	ug/L	98
42) Toluene	7.387	91	268796	5.427	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	62163	5.232	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	39012	5.371	ug/L	97
47) Tetrachloroethene	7.976	164	45586	5.142	ug/L	98
48) 2-Hexanone	8.137	43	170715	53.809	ug/L	98
49) Dibromochloromethane	8.246	129	43293	5.324	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35838	5.391	ug/L	97
51) Chlorobenzene	8.879	112	166693	5.375	ug/L	99
52) Ethylbenzene	9.011	91	284074	5.422	ug/L	98
53) m,p-xylene	9.137	106	112342	5.568	ug/L	94
54) o-xylene	9.542	106	104985	5.441	ug/L	95
55) Styrene	9.558	104	174207	5.544	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39578	5.558	ug/L	98
59) Bromoform	9.731	173	19112	5.108	ug/L	100
60) Isopropylbenzene	9.931	105	283379	5.409	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30820	5.275	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	127276	5.354	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	229769	5.457	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	120222	5.290	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	121236	5.292	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	107537	5.340	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5208	5.200	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	83811	5.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	65087	5.204	ug/L	99
71) Naphthalene	13.500	128	102929	4.956	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54593	5.151	ug/L	99

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

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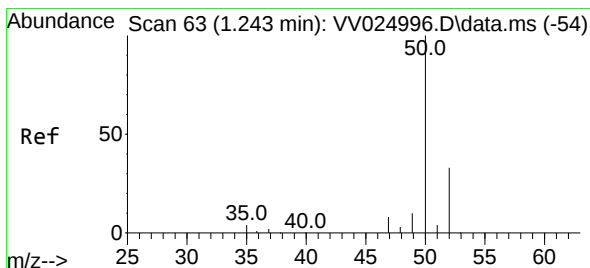
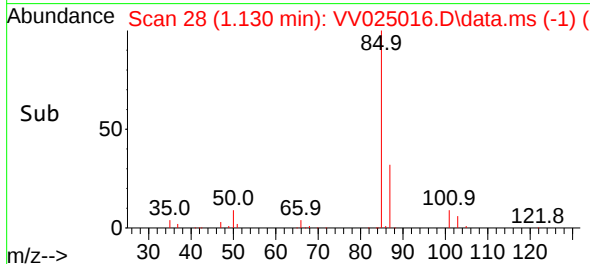
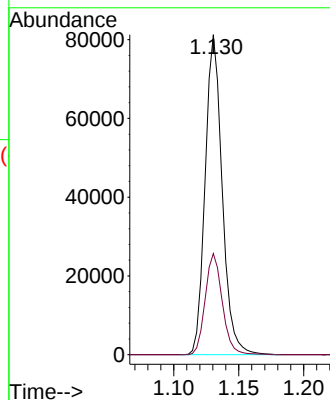
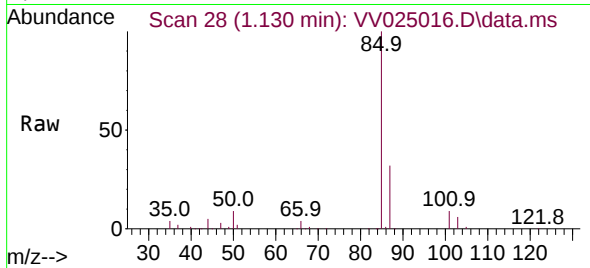




#2
 Dichlorodifluoromethane
 Concen: 5.333 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

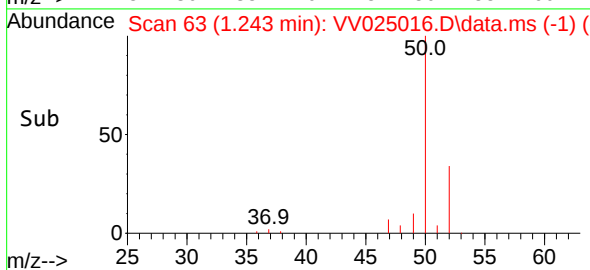
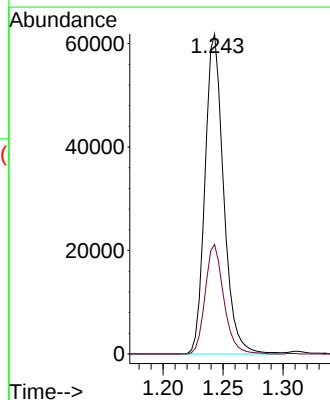
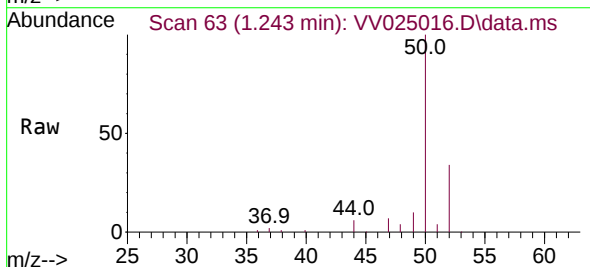
Instrument :
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 ClientSampleId :
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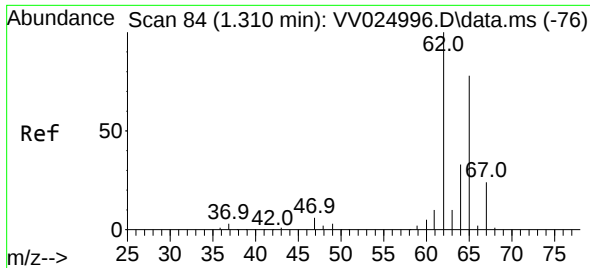
Tgt Ion: 85 Resp: 74262
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.7 40.1



#3
 Chloromethane
 Concen: 5.091 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

Tgt Ion: 50 Resp: 66862
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.2

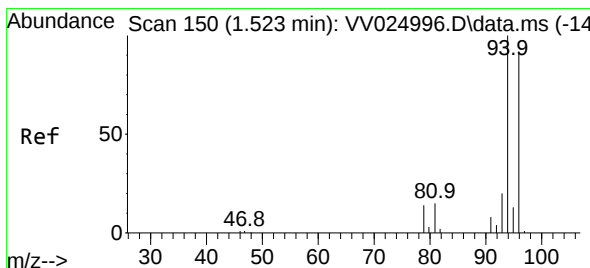
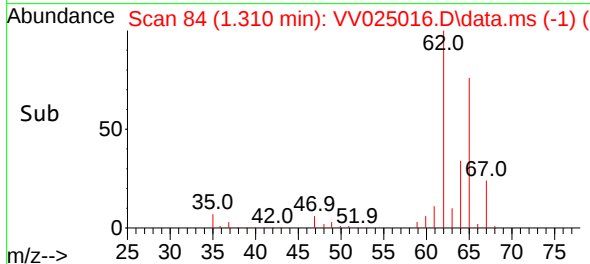
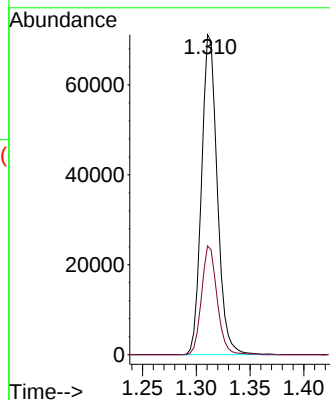
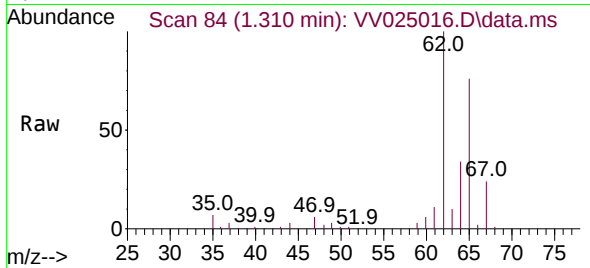




#5
 Vinyl chloride
 Concen: 5.248 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

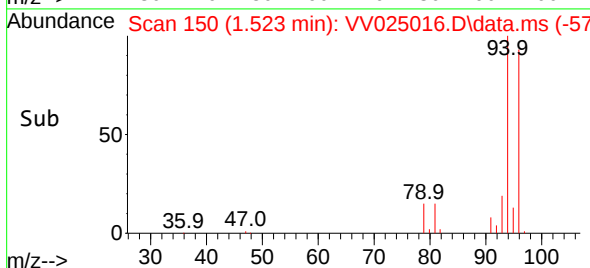
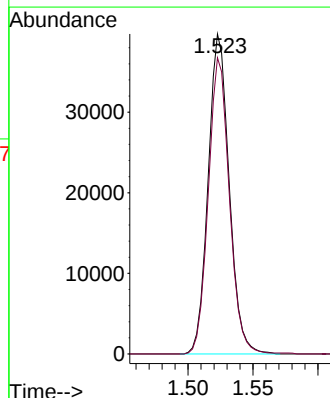
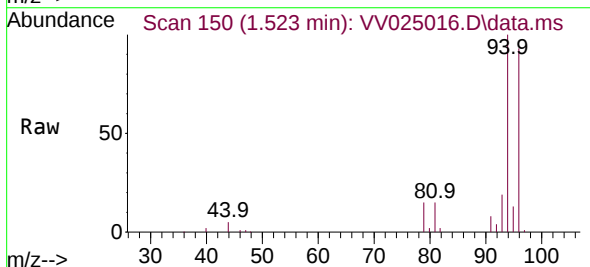
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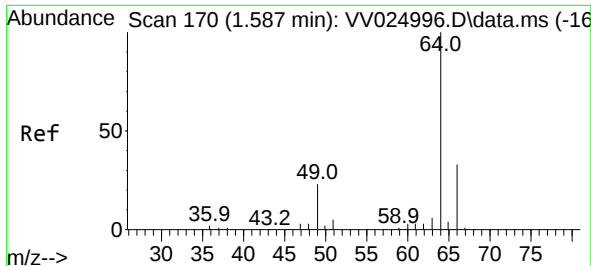
Tgt Ion: 62 Resp: 72712
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.4 43.4



#6
 Bromomethane
 Concen: 4.987 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

Tgt Ion: 94 Resp: 44654
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.9 120.5

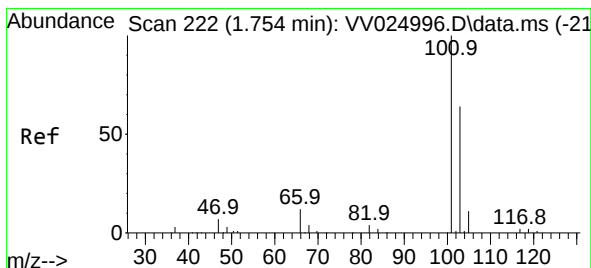
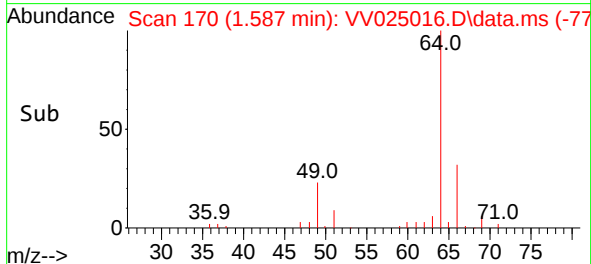
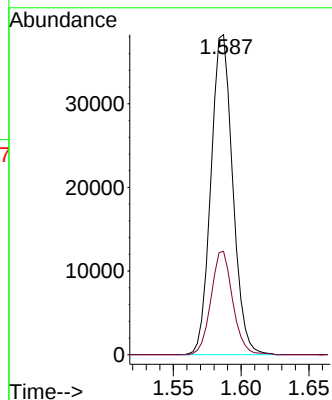
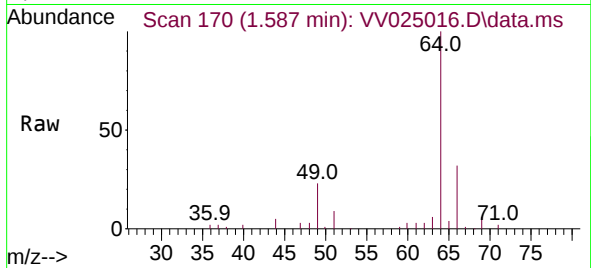




#8
Chloroethane
Concen: 5.097 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

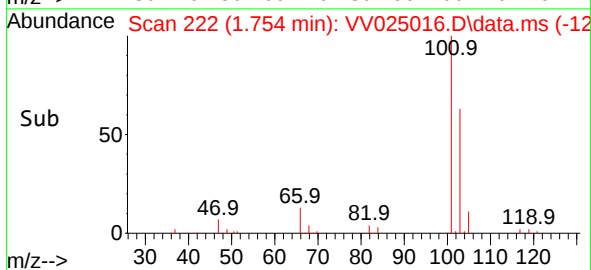
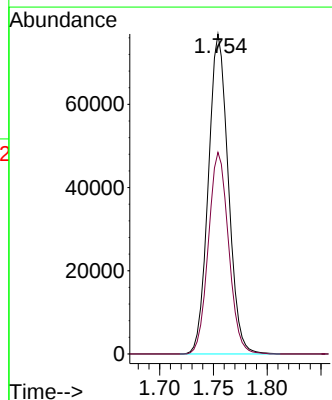
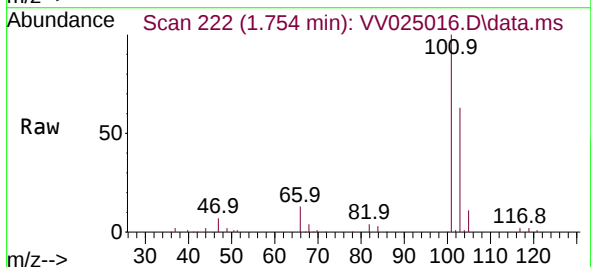
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ClientSampleId :
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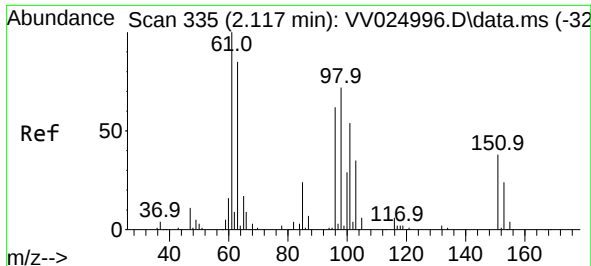
Tgt Ion: 64 Resp: 42823
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.262 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion:101 Resp: 99160
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

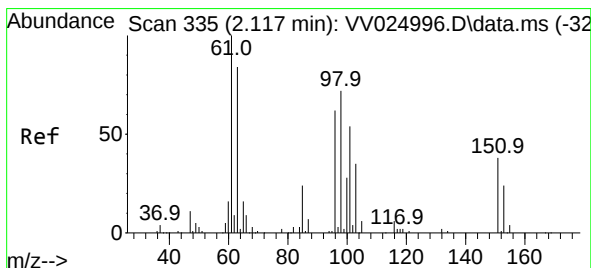
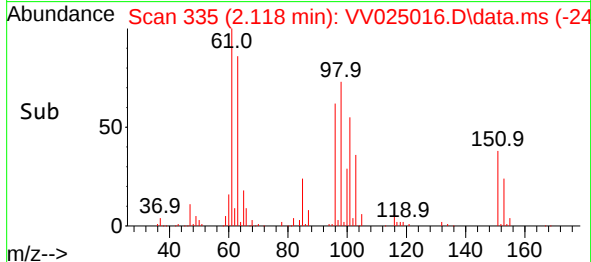
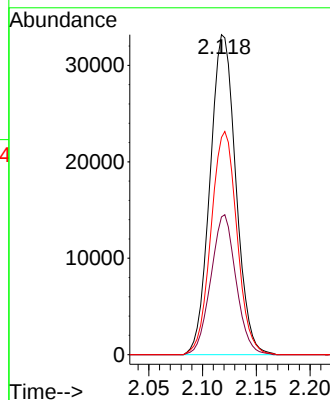
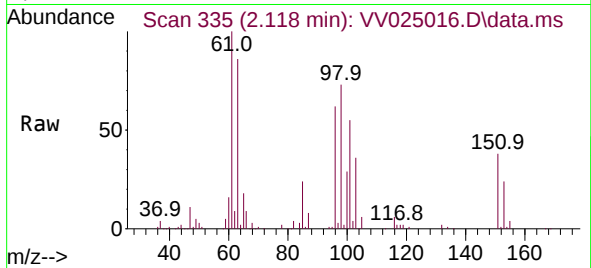




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.424 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

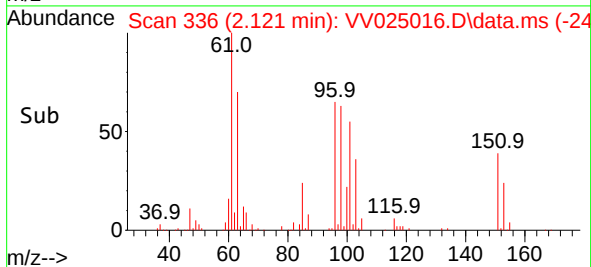
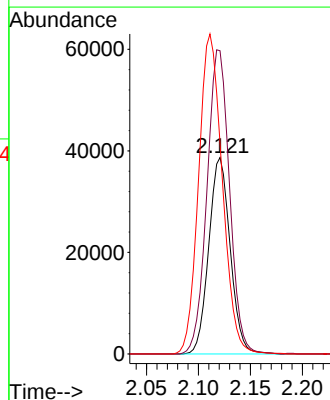
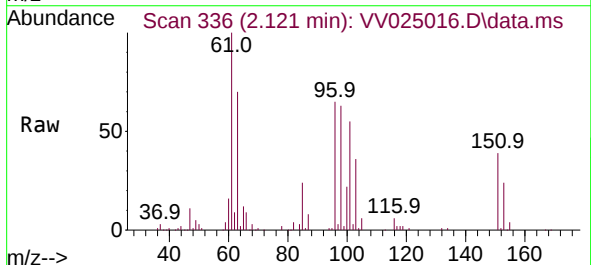
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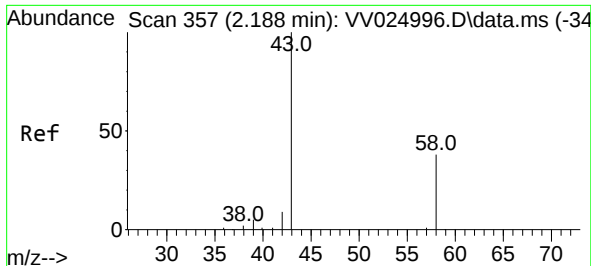
Tgt Ion:101 Resp: 55423
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.8 52.2
 151 70.1 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.513 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

Tgt Ion: 96 Resp: 55352
 Ion Ratio Lower Upper
 96 100
 61 154.3 113.0 209.9
 63 107.2 82.1 152.5





#13

Acetone

Concen: 89.670 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

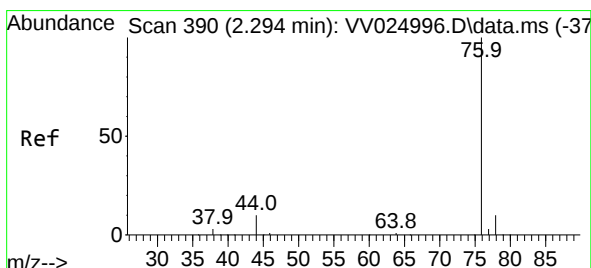
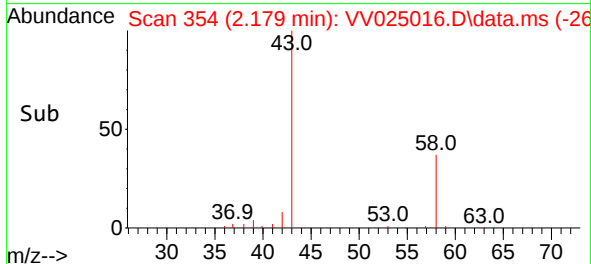
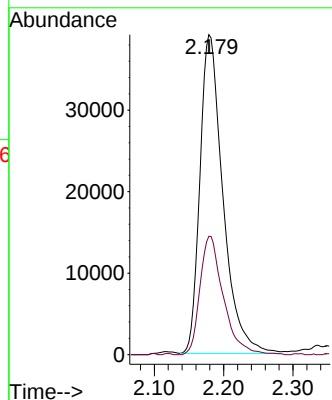
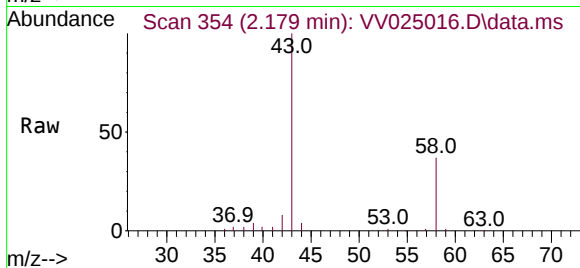
GBDD6MS

Tgt Ion: 43 Resp: 90175

Ion Ratio Lower Upper

43 100

58 37.8 0.0 54.2



#14

Carbon disulfide

Concen: 5.098 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025016.D

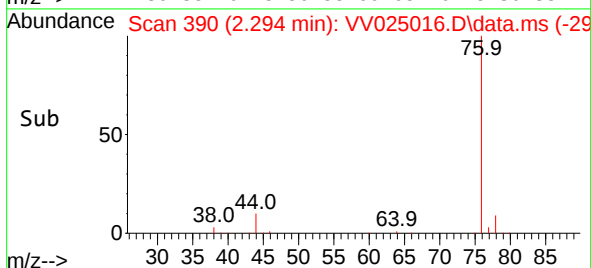
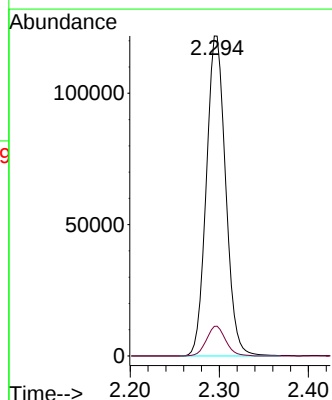
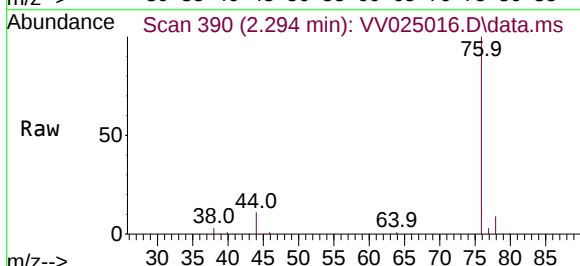
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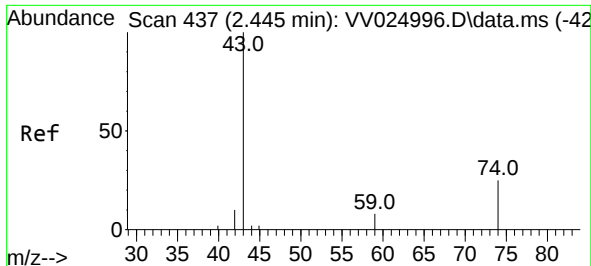
Tgt Ion: 76 Resp: 183138

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

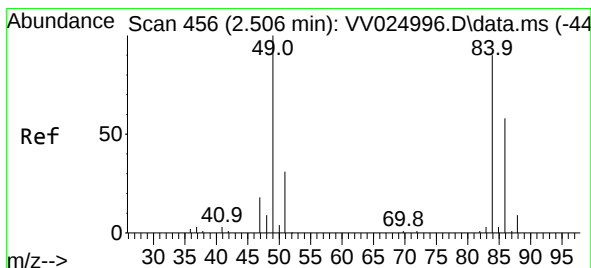
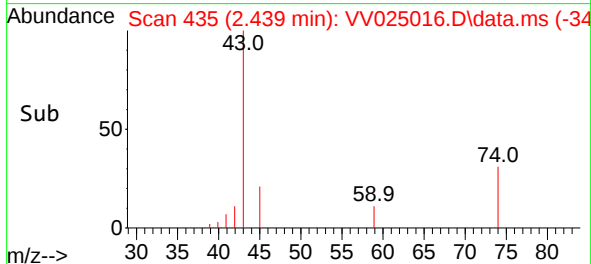
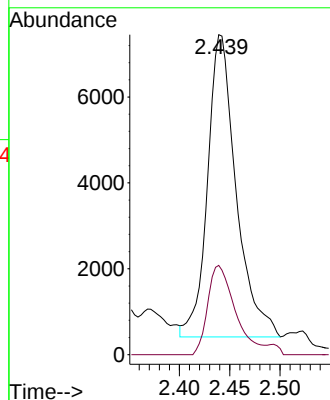
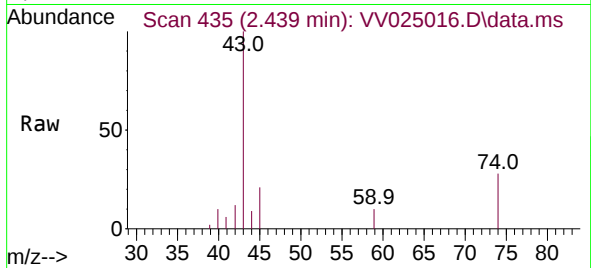




#15
Methyl Acetate
Concen: 5.060 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

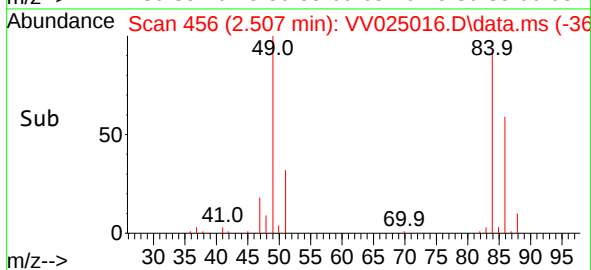
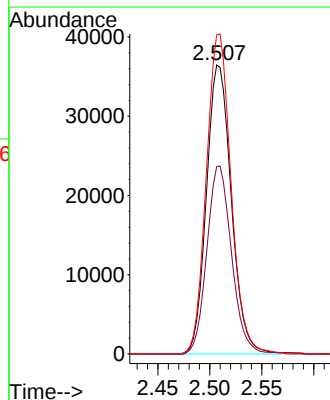
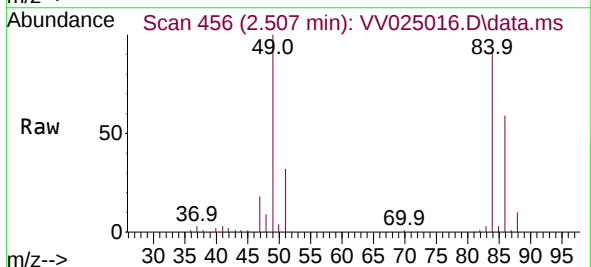
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

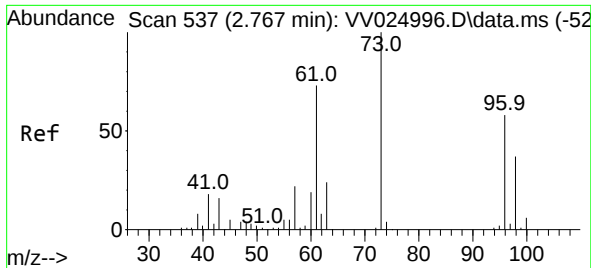
Tgt Ion: 43 Resp: 13942
Ion Ratio Lower Upper
43 100
74 28.3 24.2 36.4



#16
Methylene chloride
Concen: 4.987 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 84 Resp: 60670
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 110.4 75.0 139.2

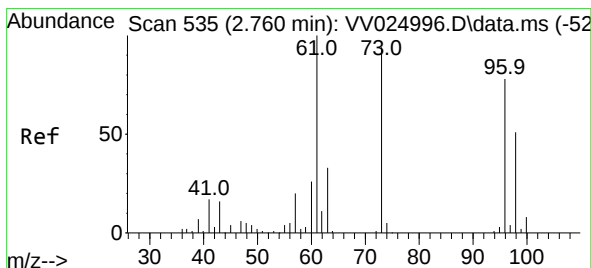
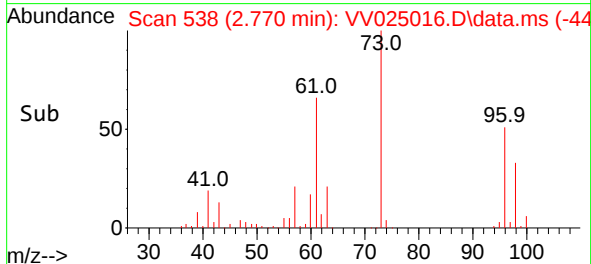
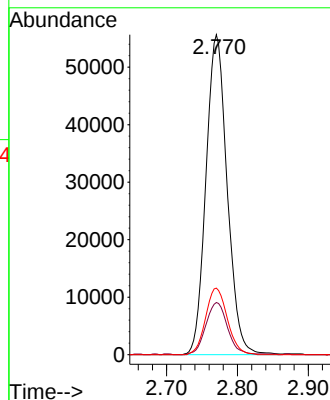
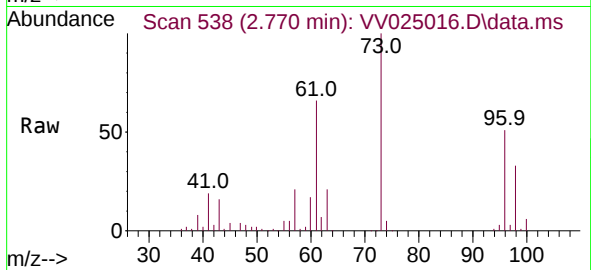




#17
Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

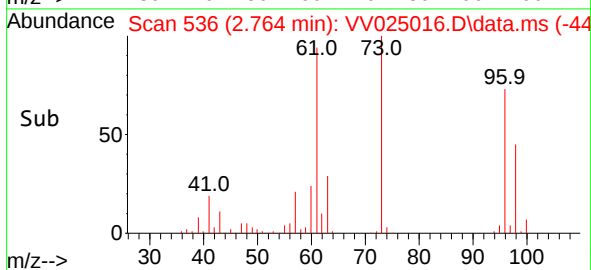
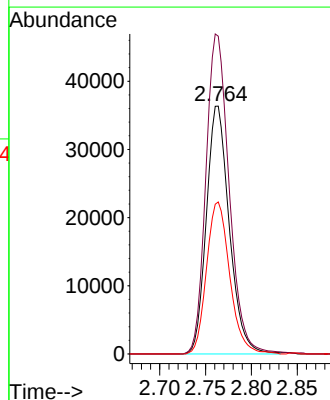
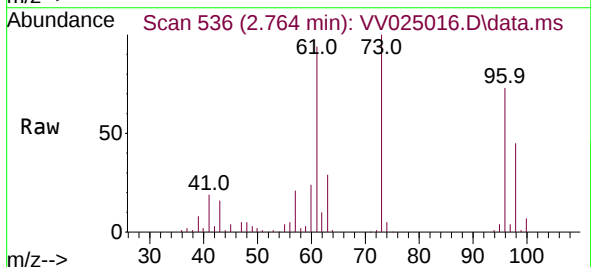
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

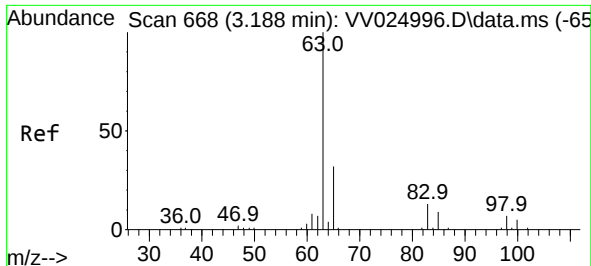
Tgt Ion: 73 Resp: 115708
Ion Ratio Lower Upper
73 100
43 16.7 13.2 19.8
57 21.3 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.239 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 96 Resp: 63303
Ion Ratio Lower Upper
96 100
61 128.3 89.2 165.6
98 61.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.393 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

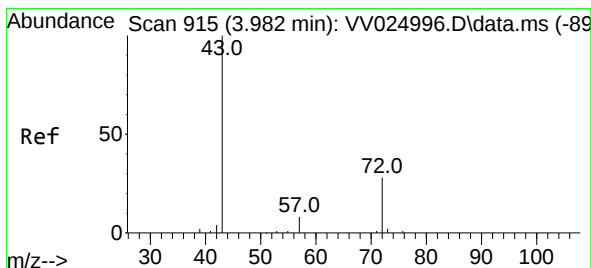
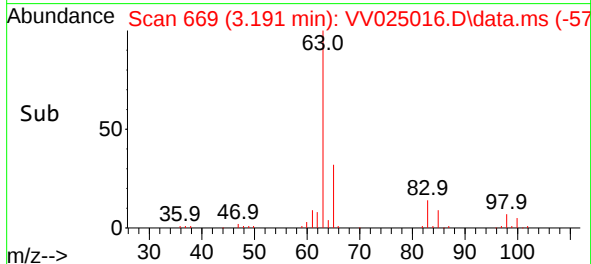
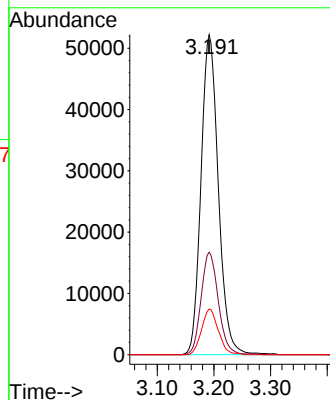
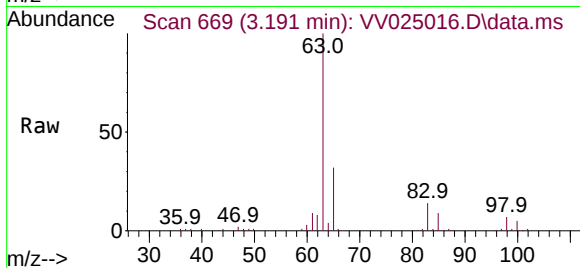
Tgt Ion: 63 Resp: 110891

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.2 9.4 17.4



#21

2-Butanone

Concen: 62.318 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV025016.D

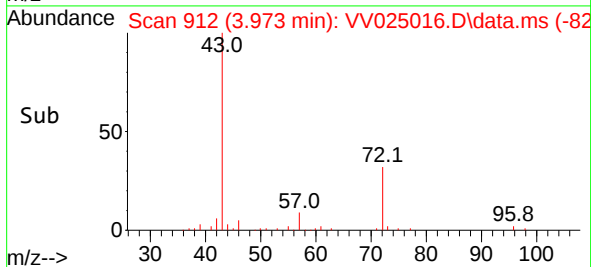
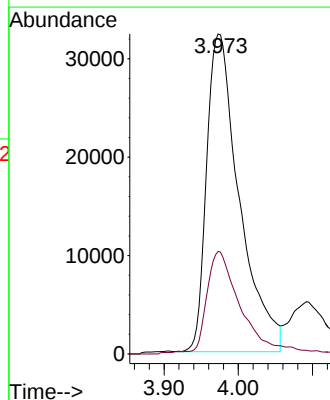
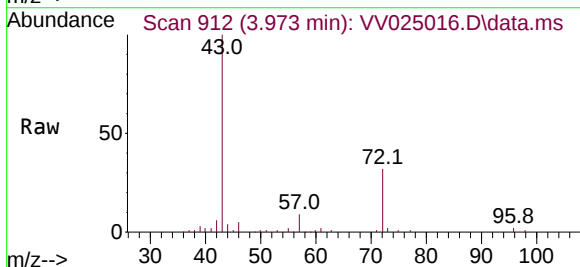
Acq: 15 Mar 2022 22:50

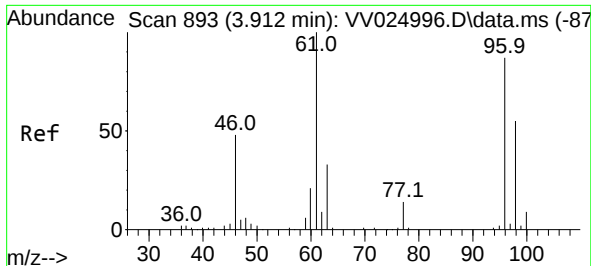
Tgt Ion: 43 Resp: 98912

Ion Ratio Lower Upper

43 100

72 30.9 10.4 31.2

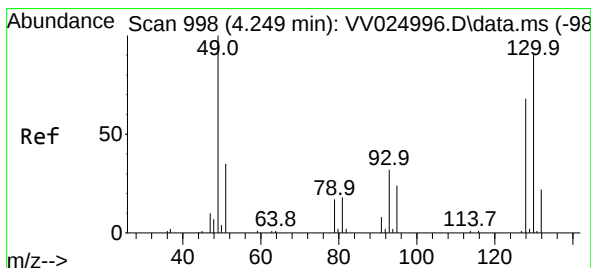
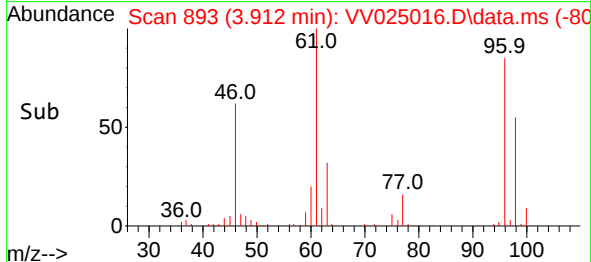
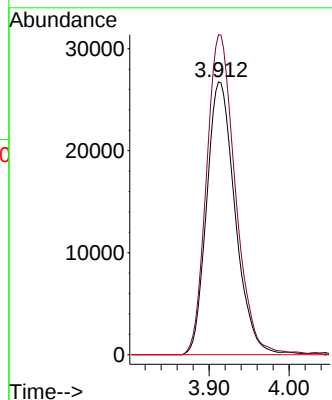
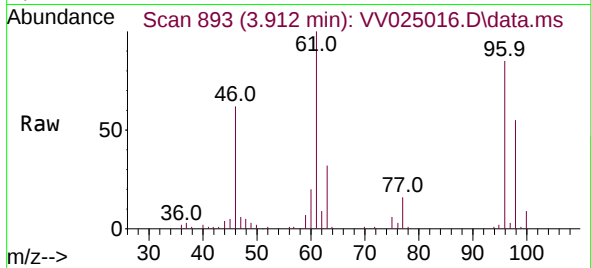




#22
 cis-1,2-Dichloroethene
 Concen: 5.404 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

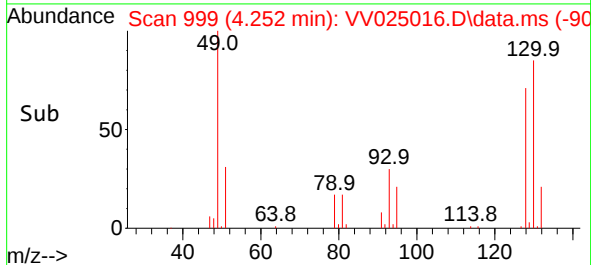
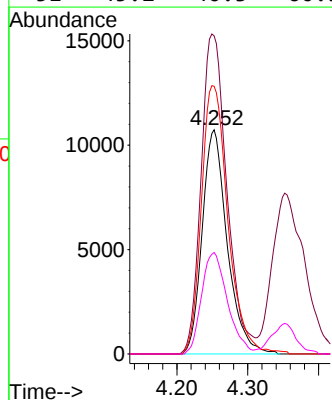
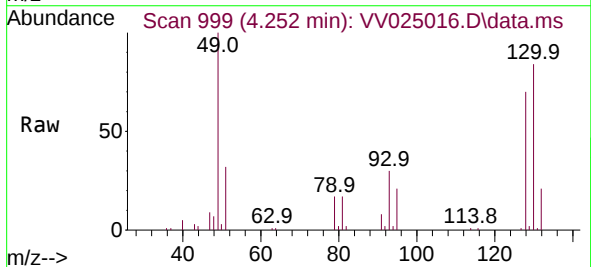
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MS

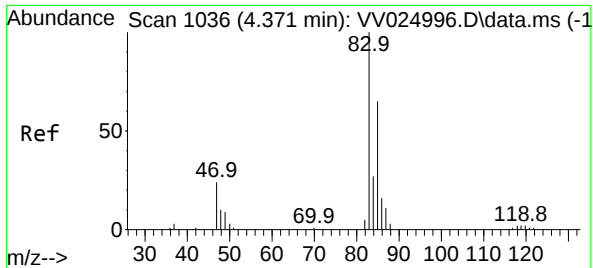
Tgt Ion: 96 Resp: 65914
 Ion Ratio Lower Upper
 96 100
 61 117.3 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.472 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

Tgt Ion: 128 Resp: 26317
 Ion Ratio Lower Upper
 128 100
 49 141.9 107.5 199.7
 130 119.4 89.4 166.0
 51 45.2 40.3 60.5

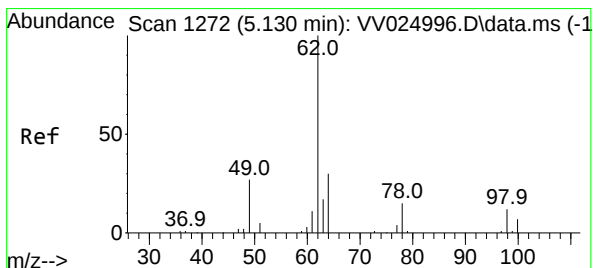
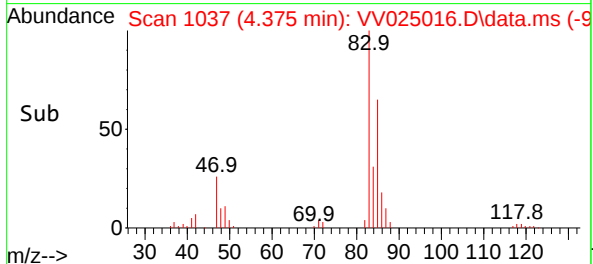
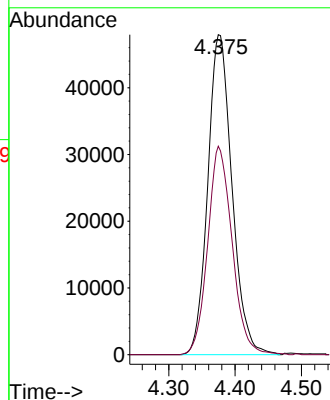
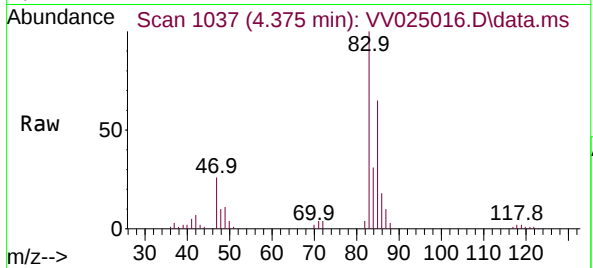




#25
Chloroform
Concen: 5.681 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

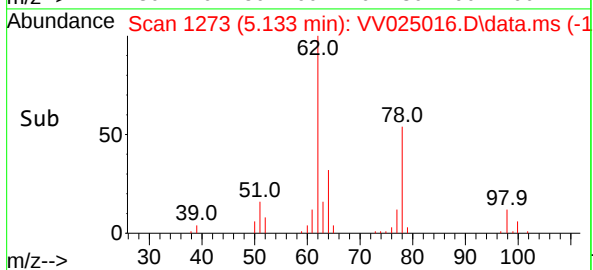
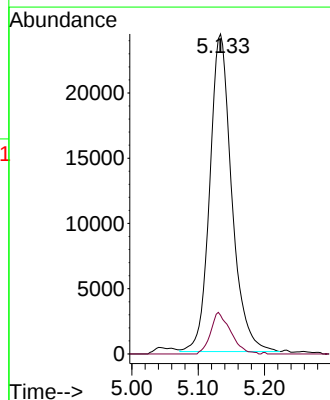
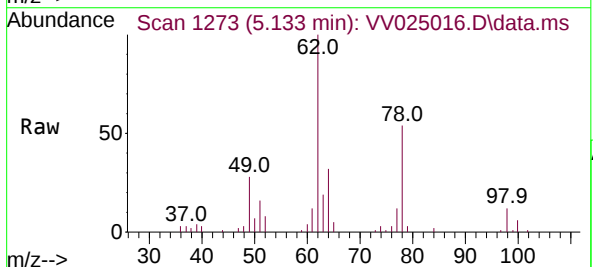
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

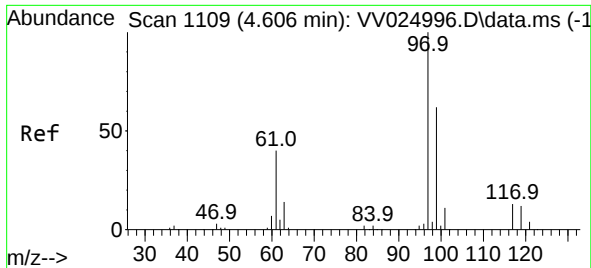
Tgt Ion: 83 Resp: 121633
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.266 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 62 Resp: 56060
Ion Ratio Lower Upper
62 100
98 12.1 9.0 13.4

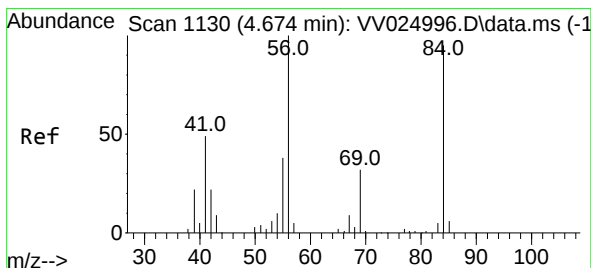
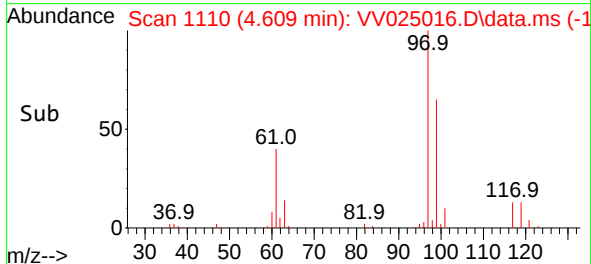
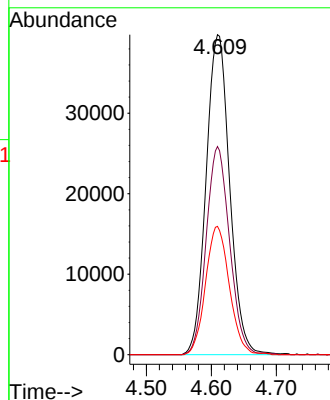
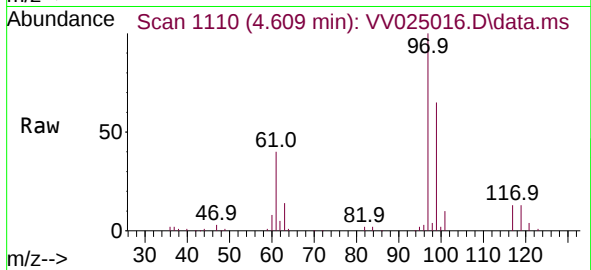




#29
1,1,1-Trichloroethane
Concen: 5.411 ug/L
RT: 4.609 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

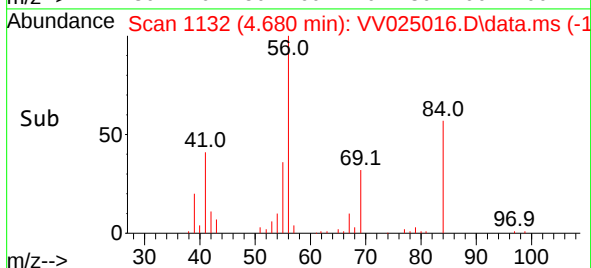
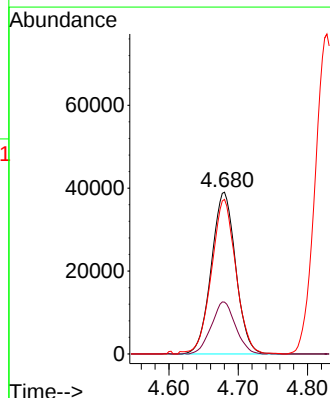
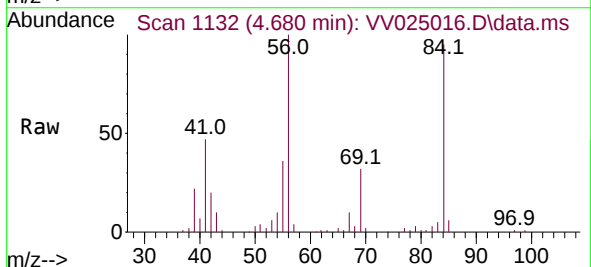
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

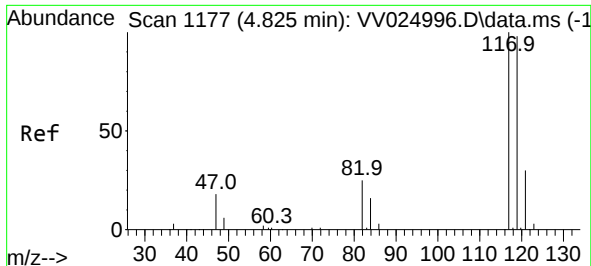
Tgt Ion: 97 Resp: 100399
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 40.5 32.4 48.6



#30
Cyclohexane
Concen: 5.269 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 56 Resp: 95129
Ion Ratio Lower Upper
56 100
69 31.9 24.9 37.3
84 96.1 75.9 113.9

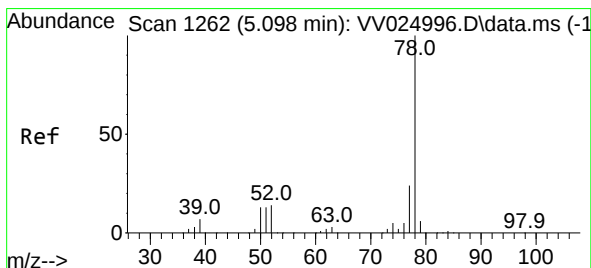
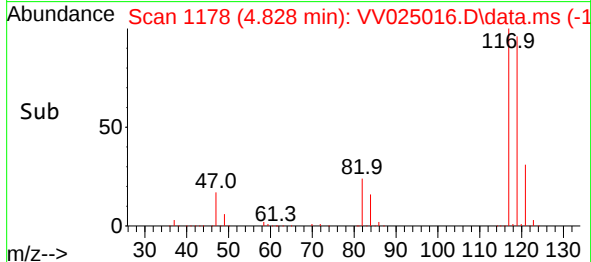
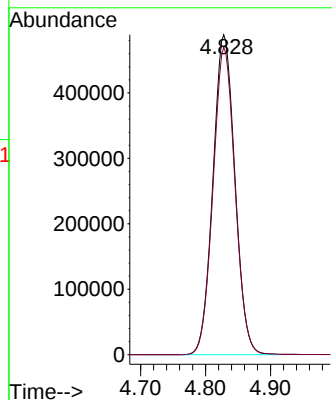
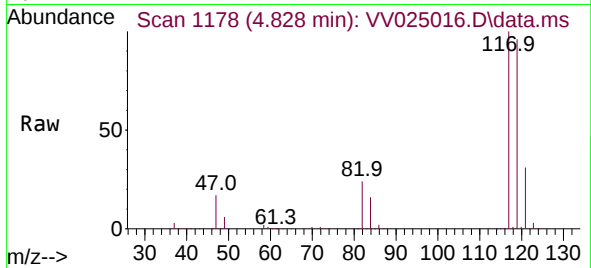




#31
Carbon tetrachloride
Concen: 72.092 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

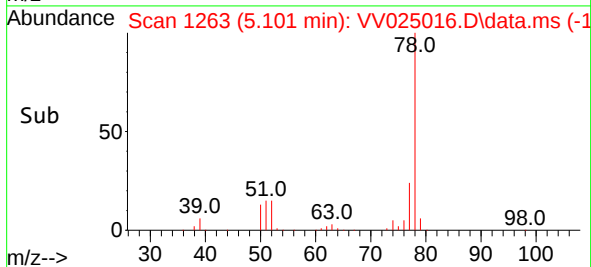
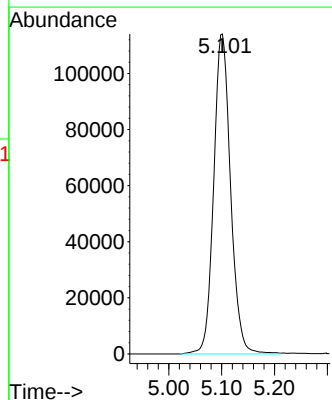
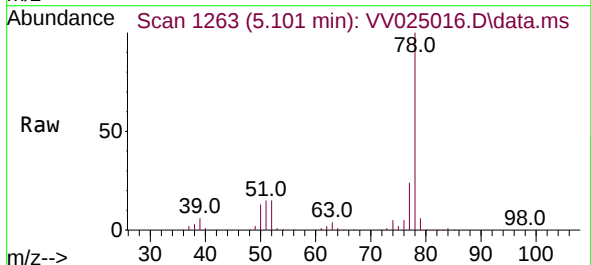
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

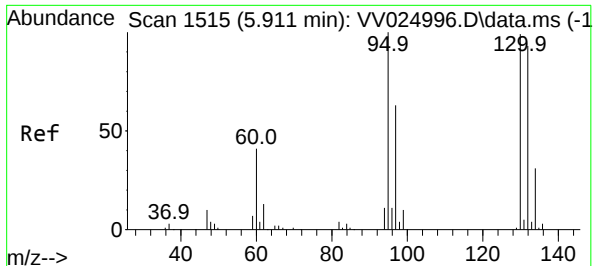
Tgt Ion:117 Resp: 1147653
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2



#33
Benzene
Concen: 5.358 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 78 Resp: 253557





#34

Trichloroethene

Concen: 5.277 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

Tgt Ion: 95 Resp: 66497

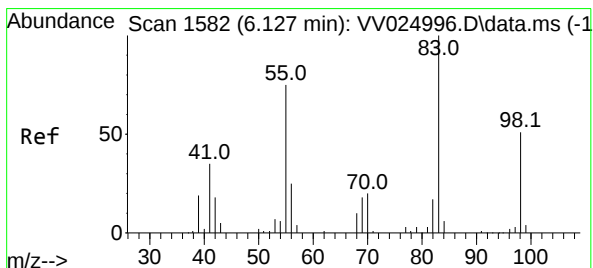
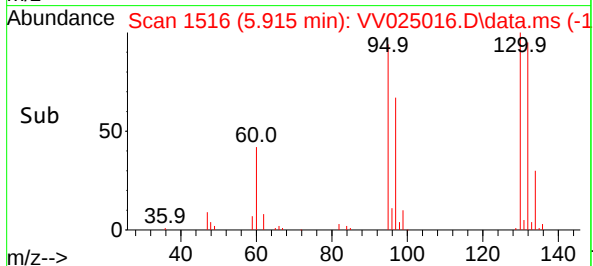
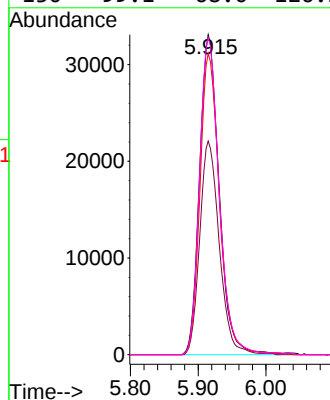
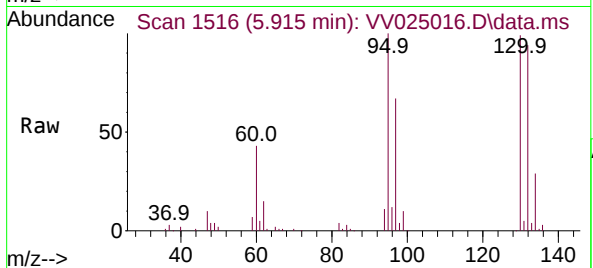
Ion Ratio Lower Upper

95 100

97 66.8 44.5 82.7

132 94.1 66.5 123.5

130 99.1 68.0 126.2



#35

Methylcyclohexane

Concen: 5.218 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

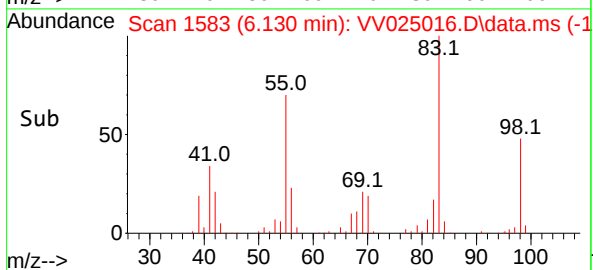
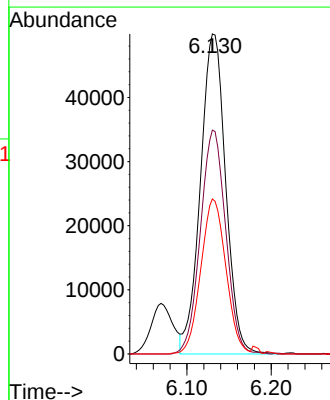
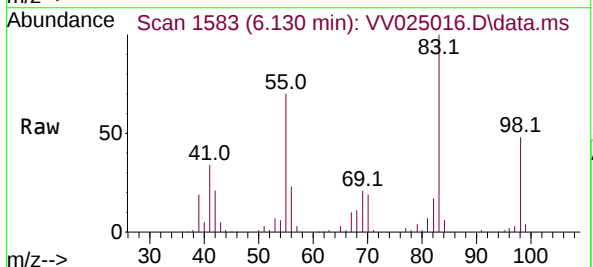
Tgt Ion: 83 Resp: 104075

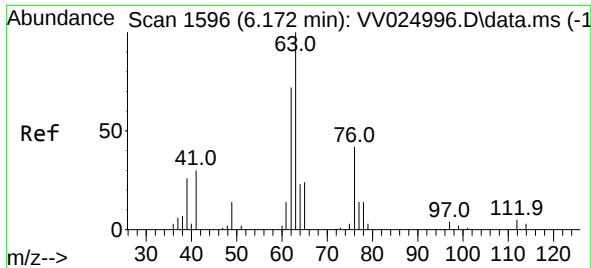
Ion Ratio Lower Upper

83 100

55 70.1 55.4 83.0

98 48.1 38.4 57.6

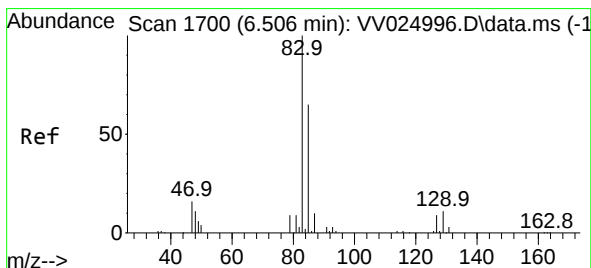
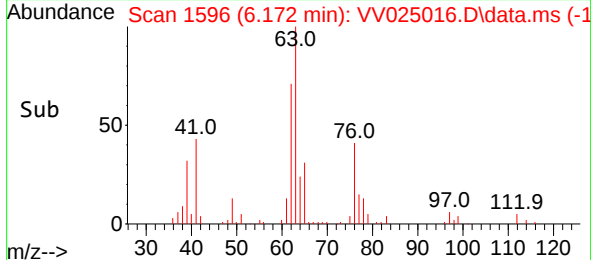
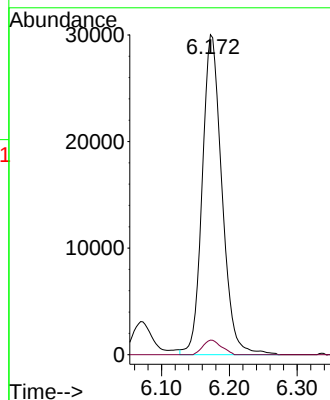
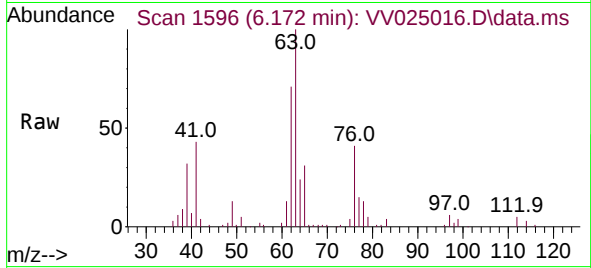




#37
1,2-Dichloropropane
Concen: 5.567 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

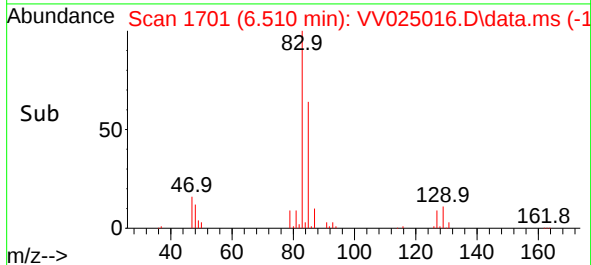
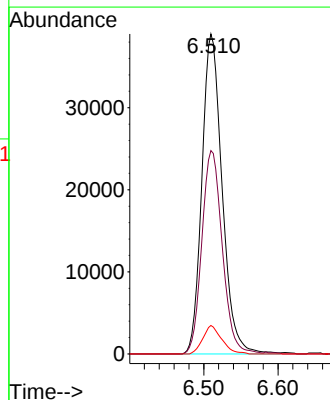
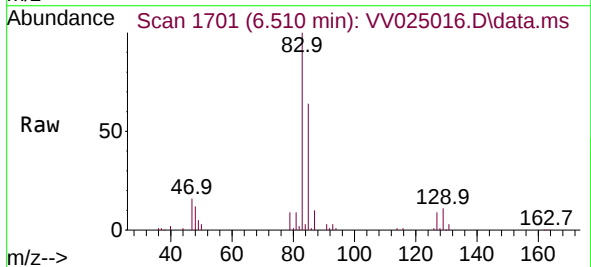
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

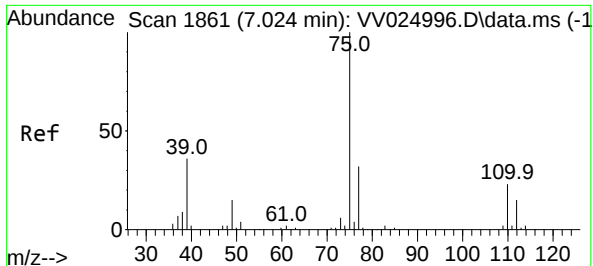
Tgt Ion: 63 Resp: 60548
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 5.366 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 83 Resp: 73803
Ion Ratio Lower Upper
83 100
85 63.6 44.8 83.2
127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.398 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

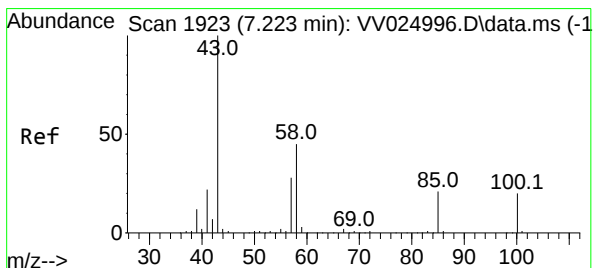
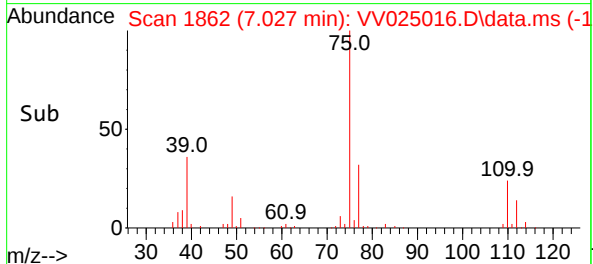
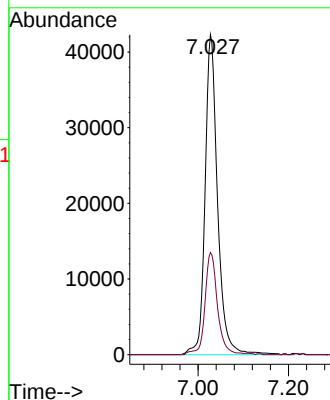
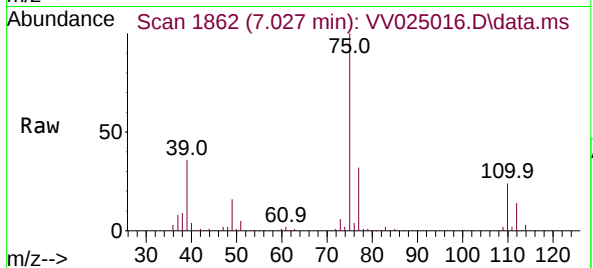
GBDD6MS

Tgt Ion: 75 Resp: 81517

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.914 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

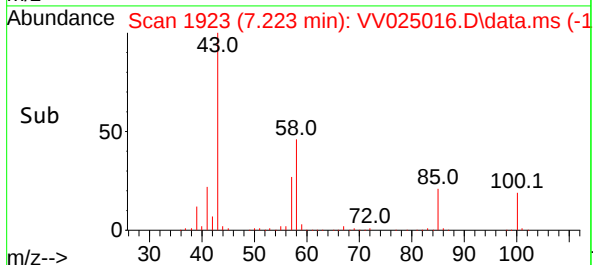
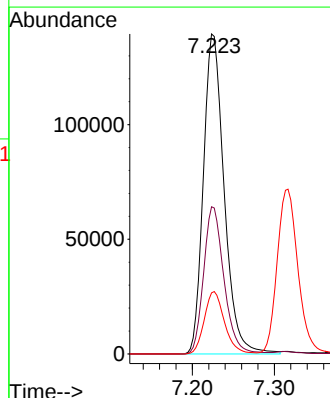
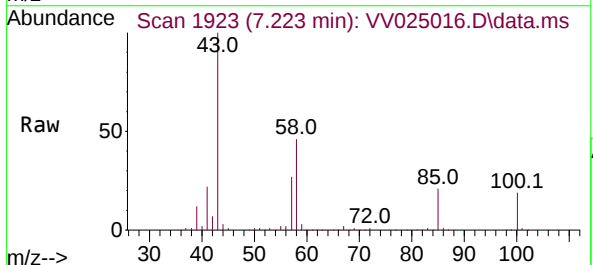
Tgt Ion: 43 Resp: 245743

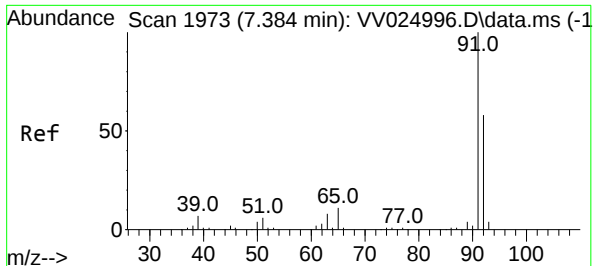
Ion Ratio Lower Upper

43 100

58 45.0 36.6 55.0

100 19.0 13.8 20.8





#42

Toluene

Concen: 5.427 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

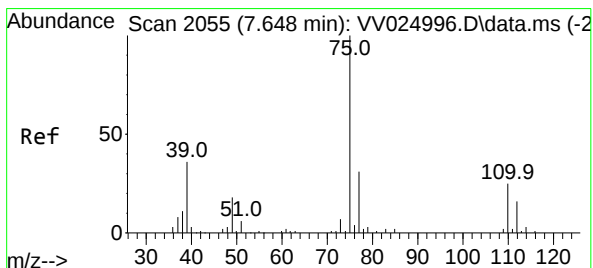
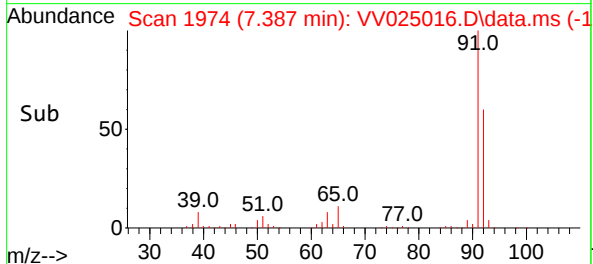
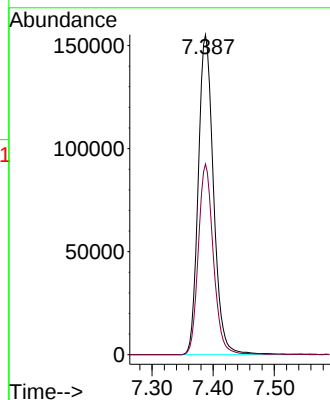
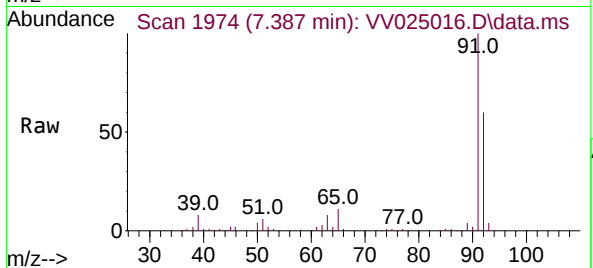
GBDD6MS

Tgt Ion: 91 Resp: 268796

Ion Ratio Lower Upper

91 100

92 59.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.232 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025016.D

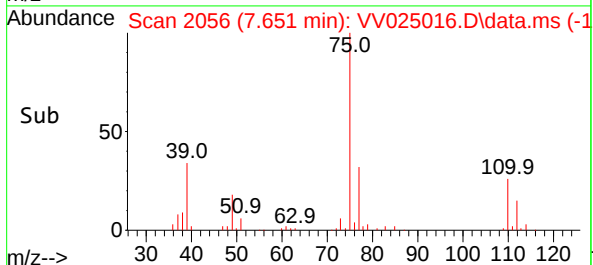
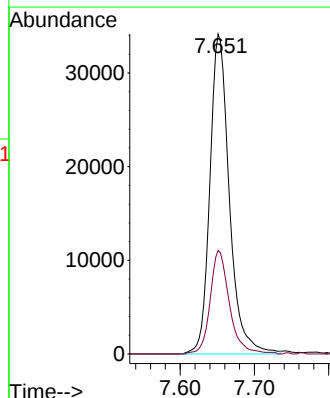
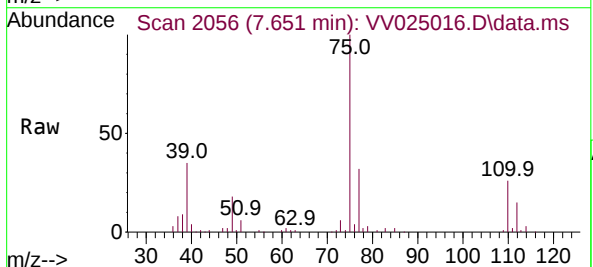
Acq: 15 Mar 2022 22:50

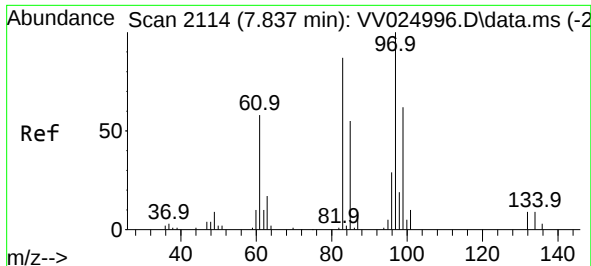
Tgt Ion: 75 Resp: 62163

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.371 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

Tgt Ion: 97 Resp: 39012

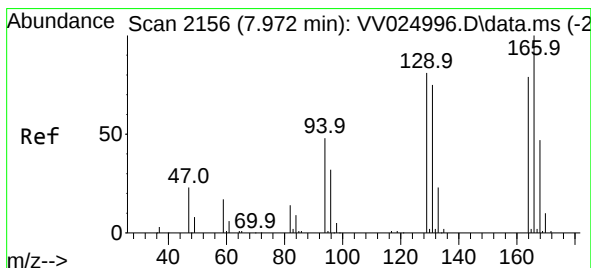
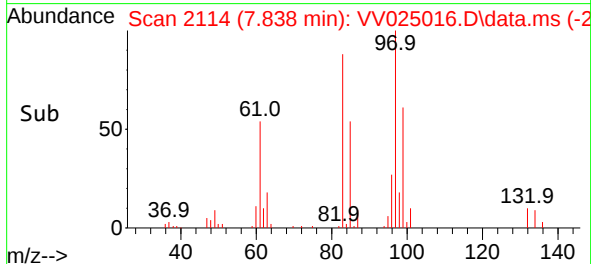
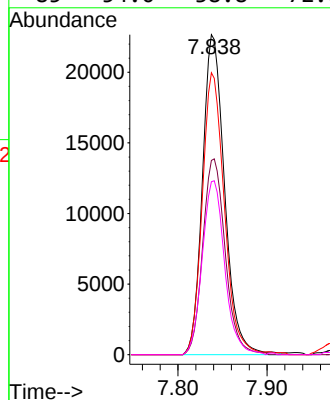
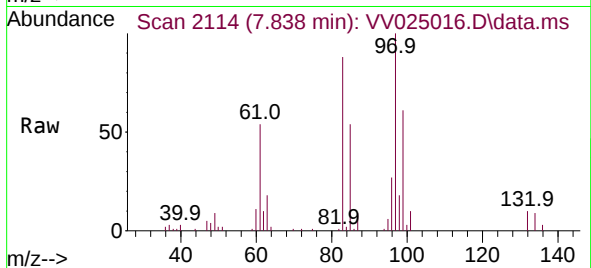
Ion Ratio Lower Upper

97 100

99 60.7 43.7 81.1

83 88.1 58.9 109.3

85 54.0 38.8 72.0



#47

Tetrachloroethene

Concen: 5.142 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Tgt Ion:164 Resp: 45586

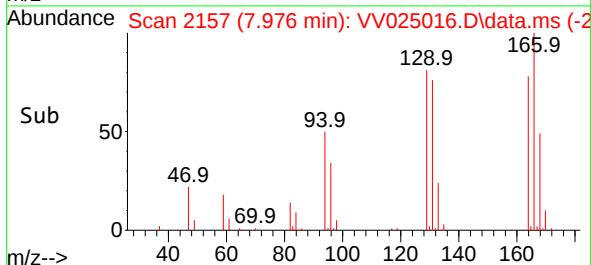
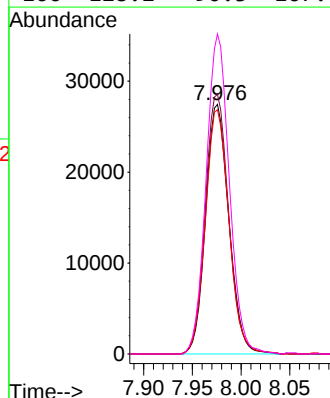
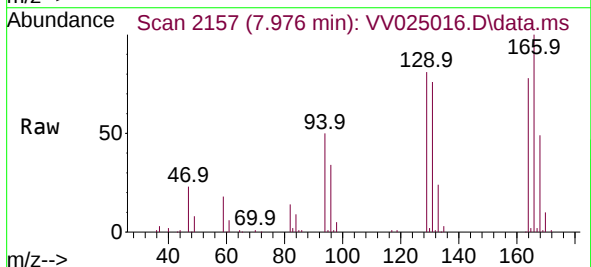
Ion Ratio Lower Upper

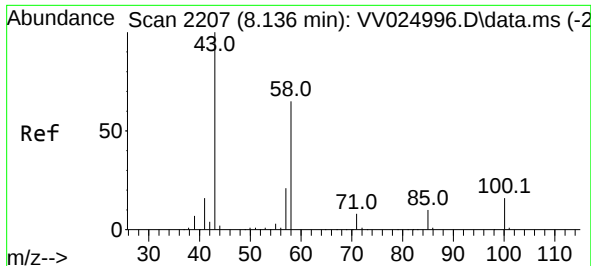
164 100

129 104.1 70.3 130.7

131 97.9 69.4 129.0

166 128.2 90.3 167.7

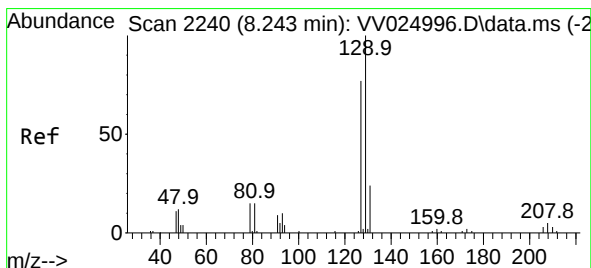
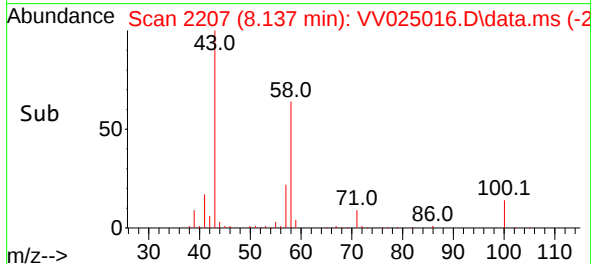
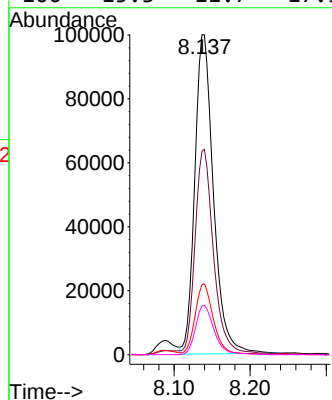
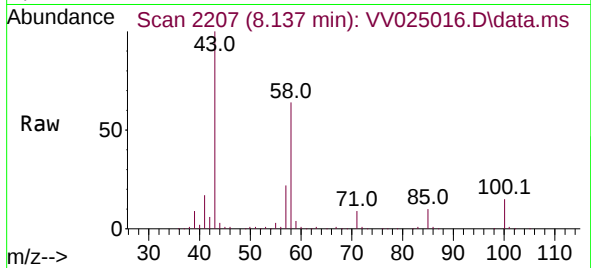




#48
2-Hexanone
Concen: 53.809 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

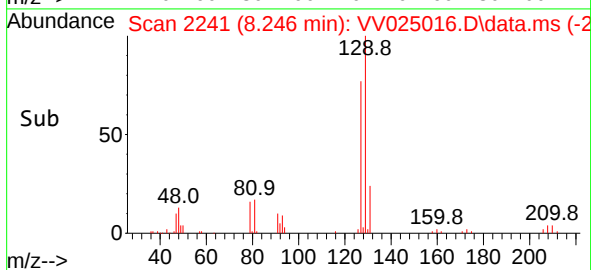
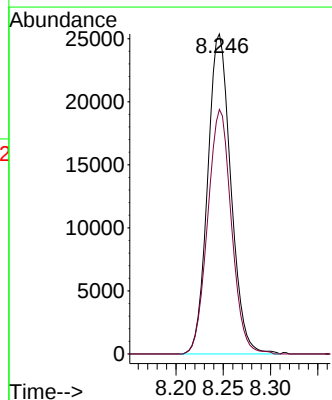
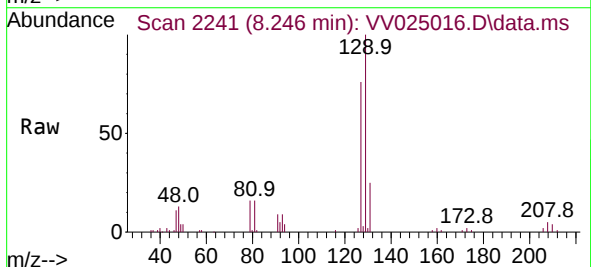
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

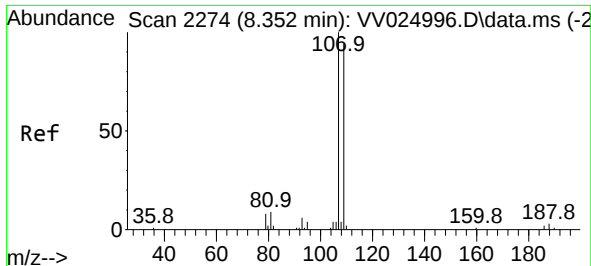
Tgt Ion: 43 Resp: 170715
Ion Ratio Lower Upper
43 100
58 62.5 49.2 73.8
57 21.7 16.0 24.0
100 15.3 11.7 17.5



#49
Dibromochloromethane
Concen: 5.324 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 129 Resp: 43293
Ion Ratio Lower Upper
129 100
127 76.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.391 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

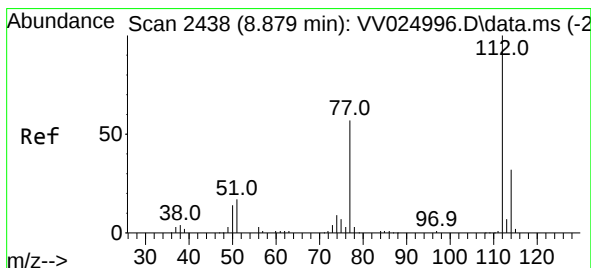
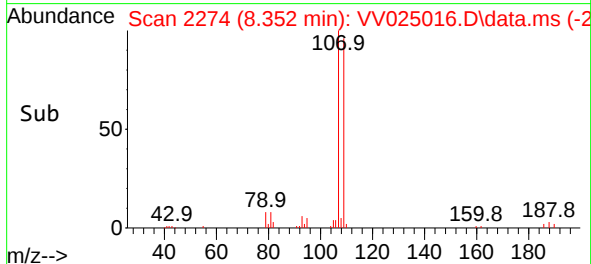
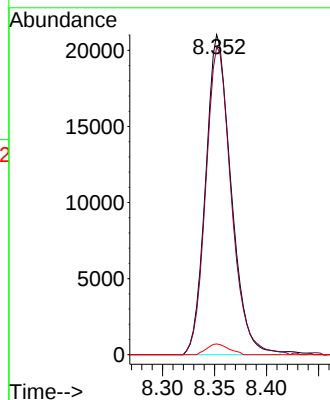
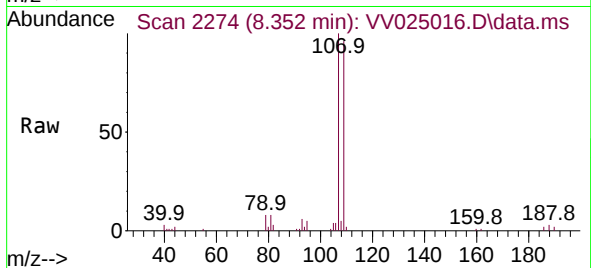
Tgt Ion:107 Resp: 35838

Ion Ratio Lower Upper

107 100

109 96.3 65.5 121.6

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 5.375 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

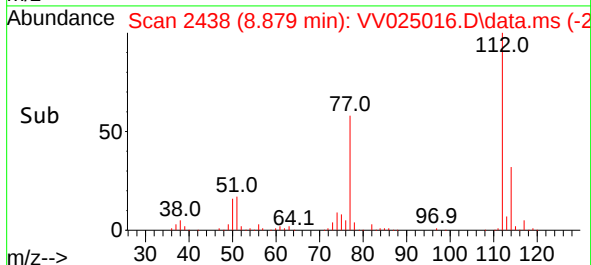
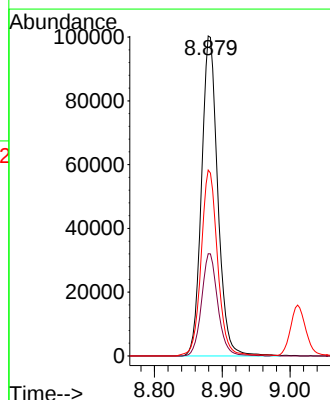
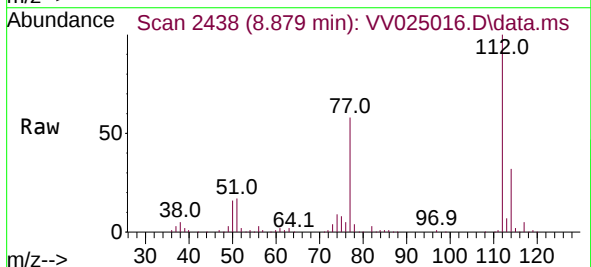
Tgt Ion:112 Resp: 166693

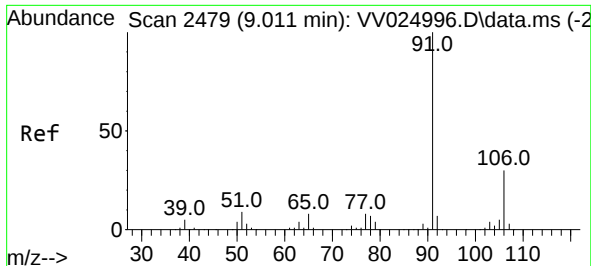
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 58.1 45.3 67.9





#52

Ethylbenzene

Concen: 5.422 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

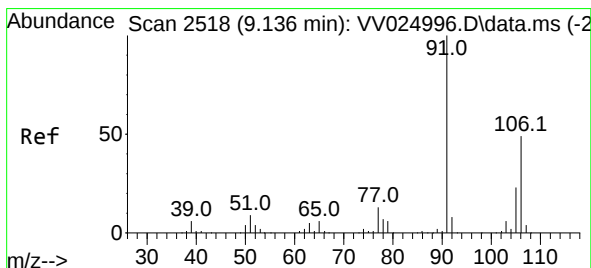
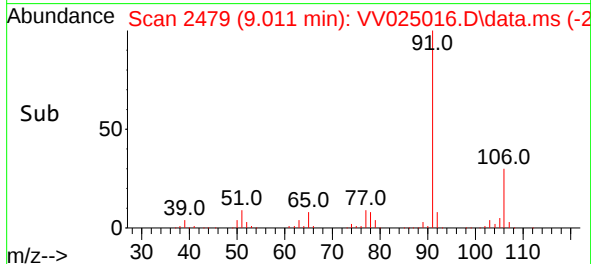
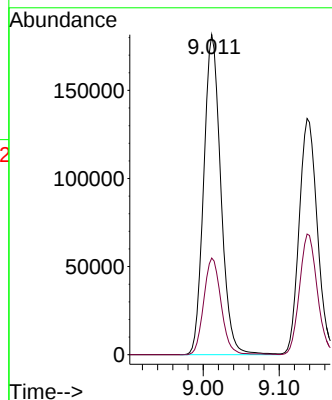
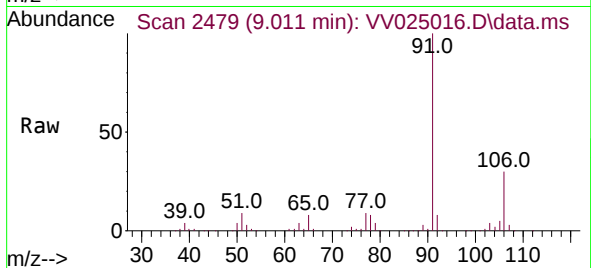
GBDD6MS

Tgt Ion: 91 Resp: 284074

Ion Ratio Lower Upper

91 100

106 30.2 21.9 40.7



#53

m,p-xylene

Concen: 5.568 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025016.D

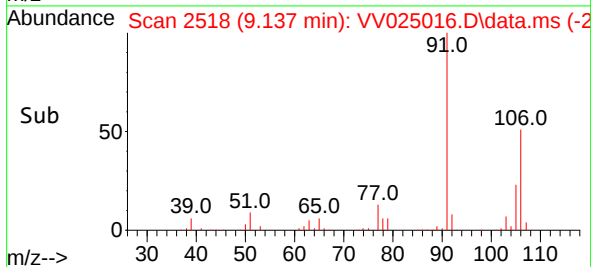
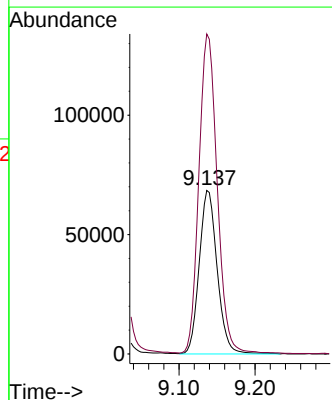
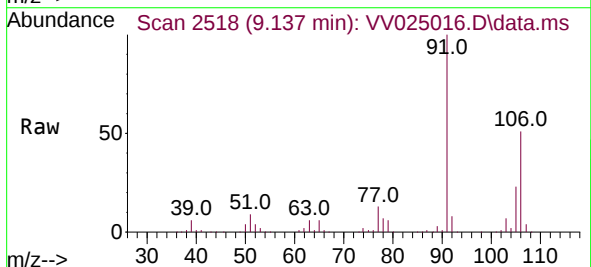
Acq: 15 Mar 2022 22:50

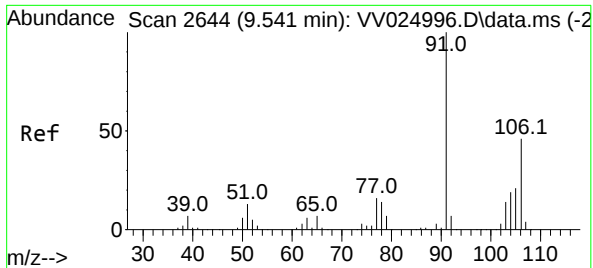
Tgt Ion:106 Resp: 112342

Ion Ratio Lower Upper

106 100

91 195.6 143.4 266.4

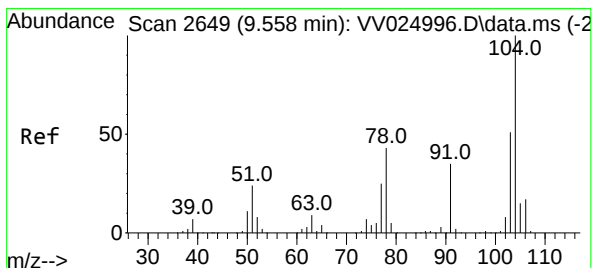
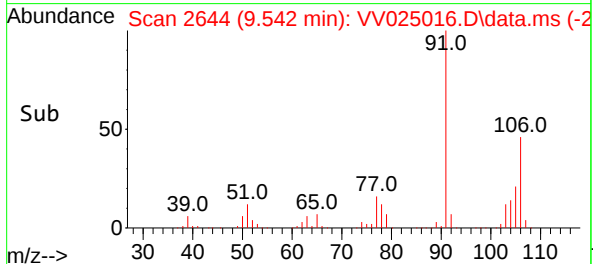
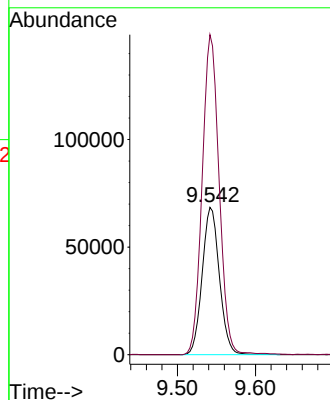
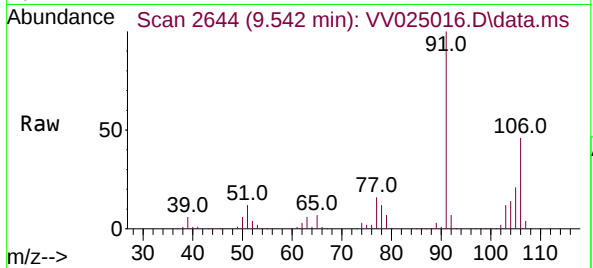




#54
o-xylene
Concen: 5.441 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

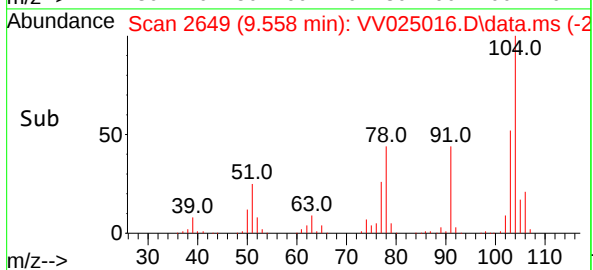
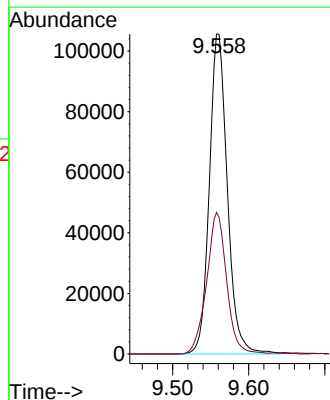
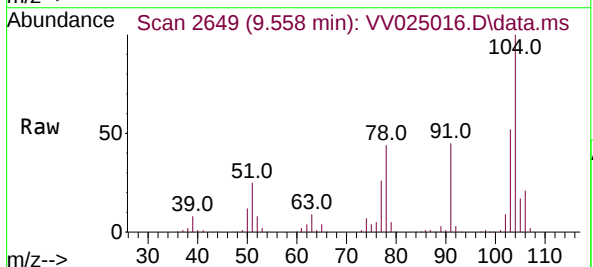
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

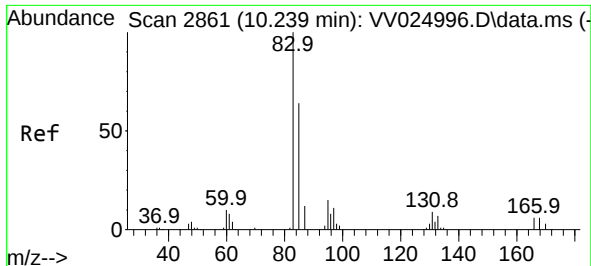
Tgt Ion:106 Resp: 104985
Ion Ratio Lower Upper
106 100
91 217.0 146.7 272.5



#55
Styrene
Concen: 5.544 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion:104 Resp: 174207
Ion Ratio Lower Upper
104 100
78 44.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.558 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

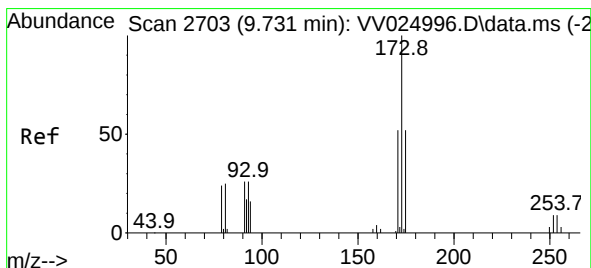
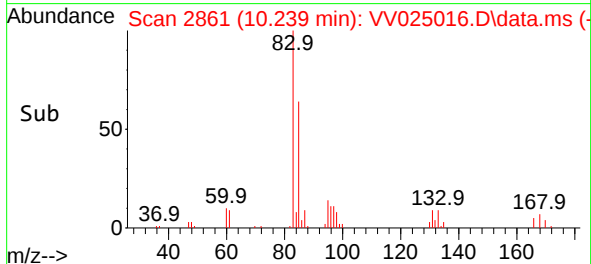
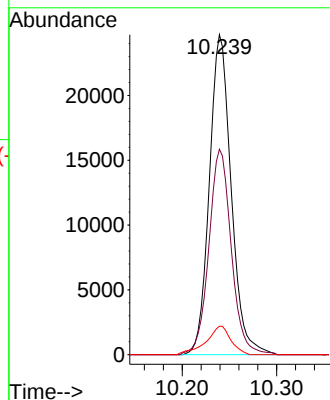
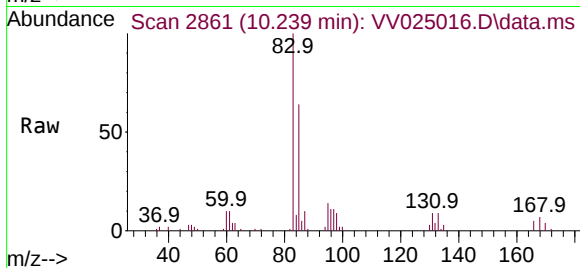
Tgt Ion: 83 Resp: 39578

Ion Ratio Lower Upper

83 100

85 64.2 43.9 81.5

131 8.9 7.5 11.3



#59

Bromoform

Concen: 5.108 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

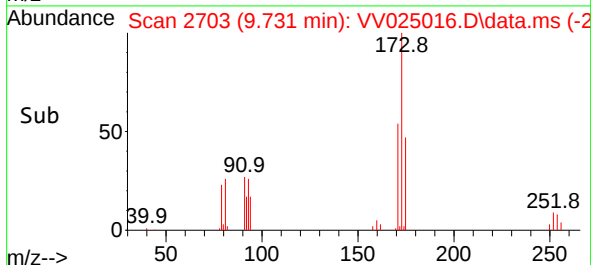
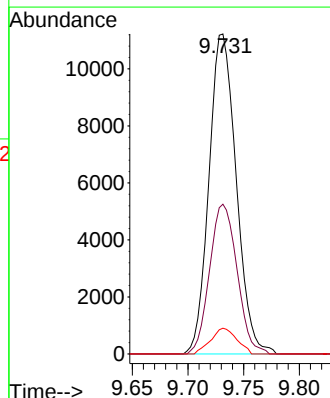
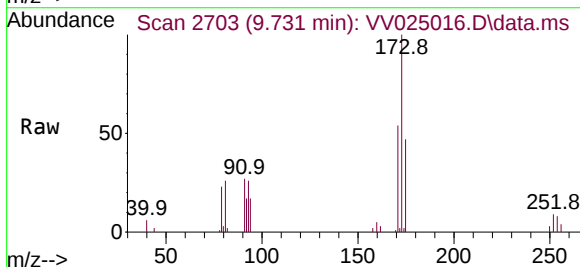
Tgt Ion: 173 Resp: 19112

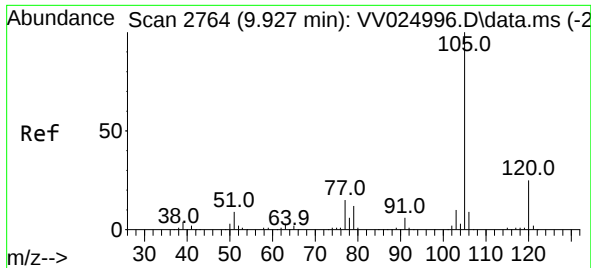
Ion Ratio Lower Upper

173 100

175 47.1 37.8 56.8

254 7.7 5.8 8.6

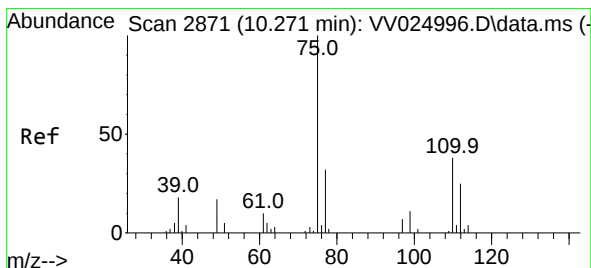
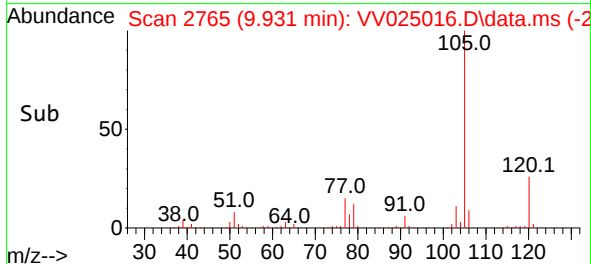
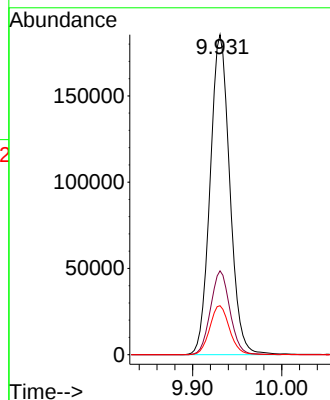
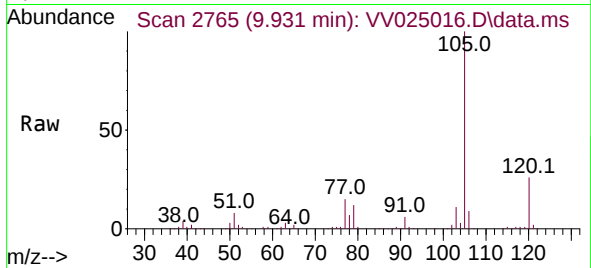




#60
Isopropylbenzene
Concen: 5.409 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

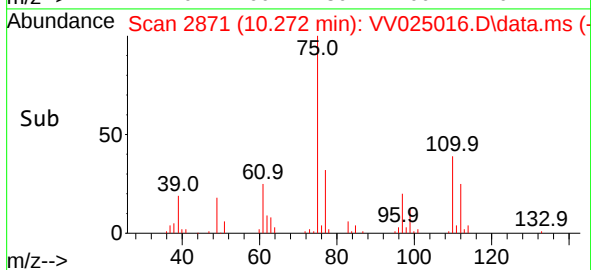
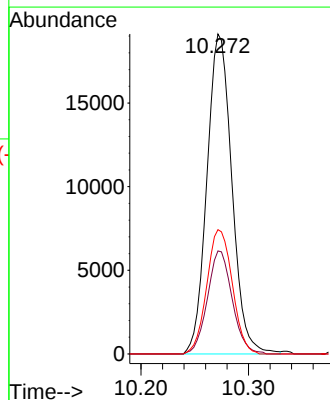
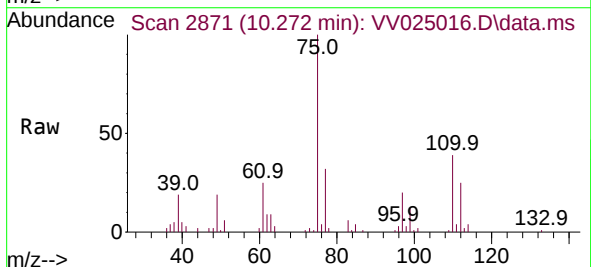
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

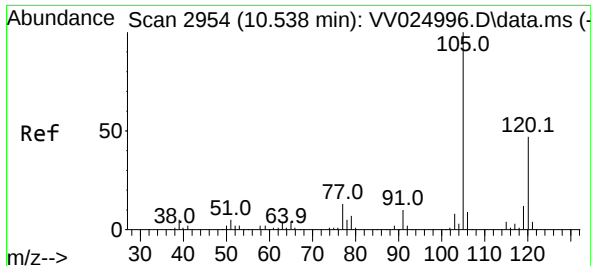
Tgt Ion:105 Resp: 283379
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.275 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion: 75 Resp: 30820
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 39.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.354 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

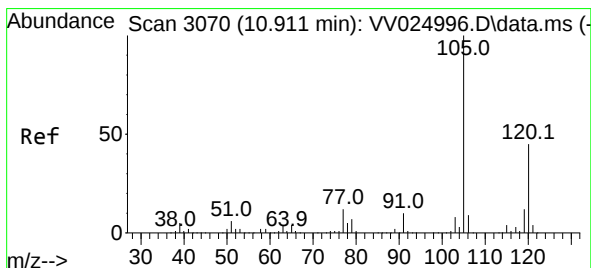
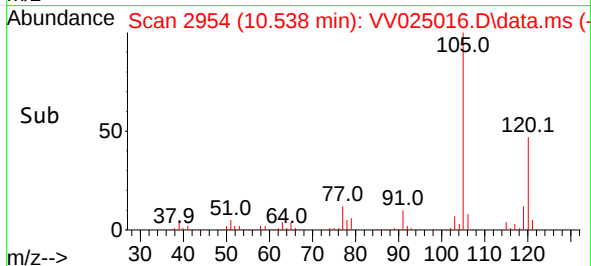
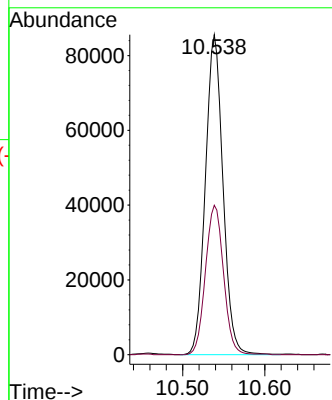
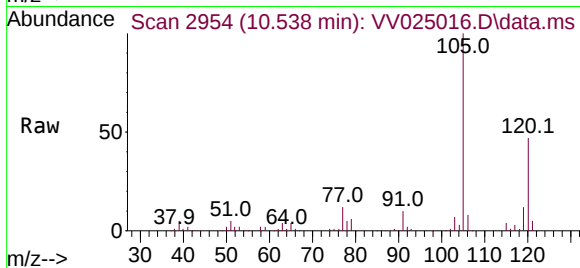
GBDD6MS

Tgt Ion:105 Resp: 127276

Ion Ratio Lower Upper

105 100

120 48.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.457 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025016.D

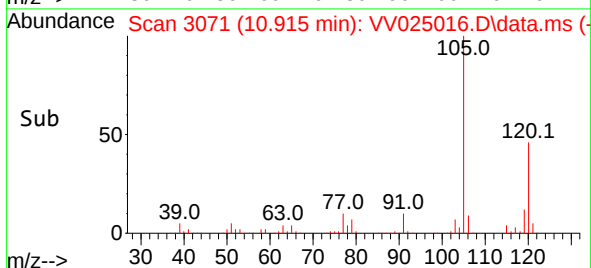
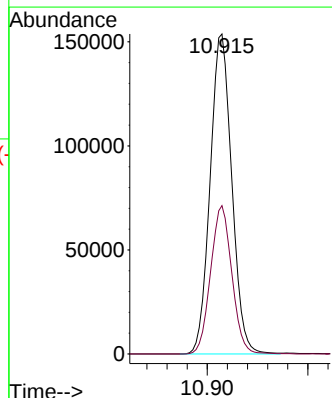
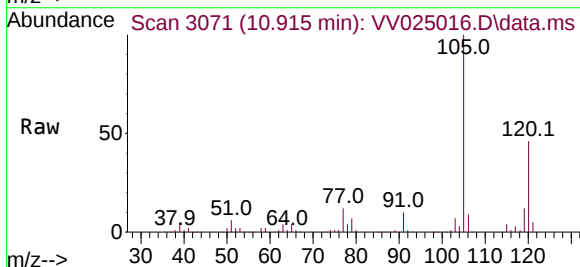
Acq: 15 Mar 2022 22:50

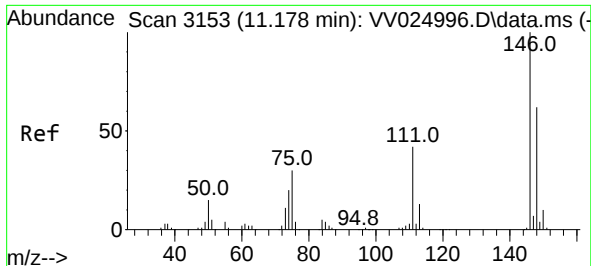
Tgt Ion:105 Resp: 229769

Ion Ratio Lower Upper

105 100

120 45.5 35.8 53.8

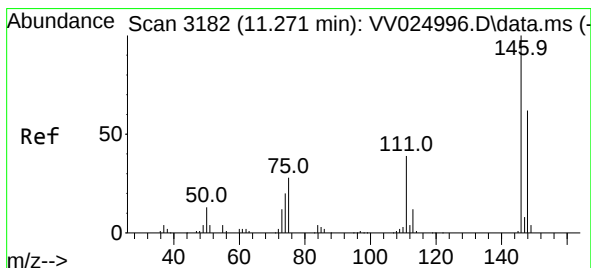
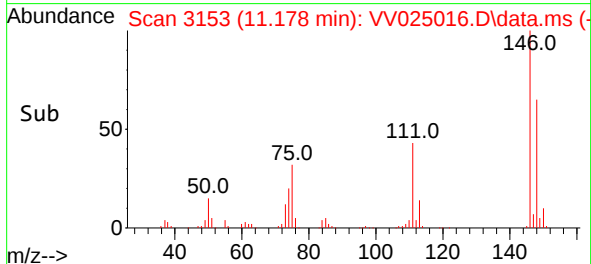
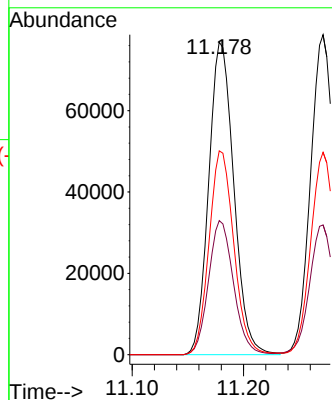
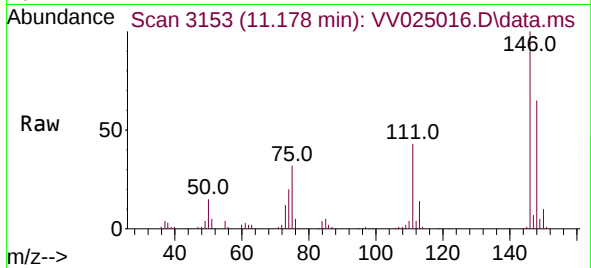




#64
1,3-Dichlorobenzene
Concen: 5.290 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

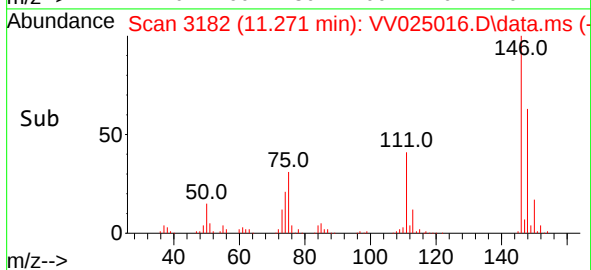
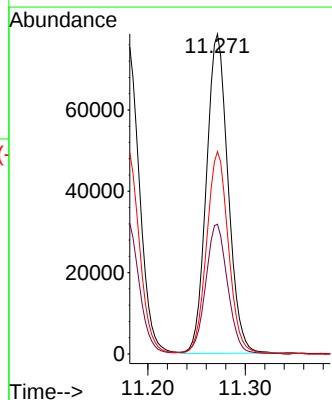
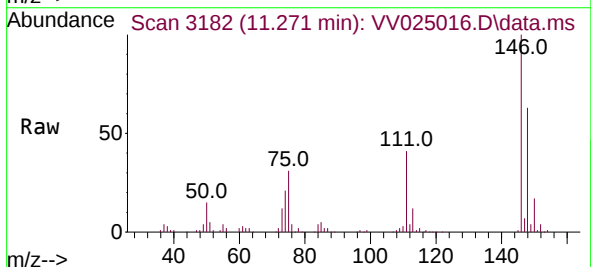
Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

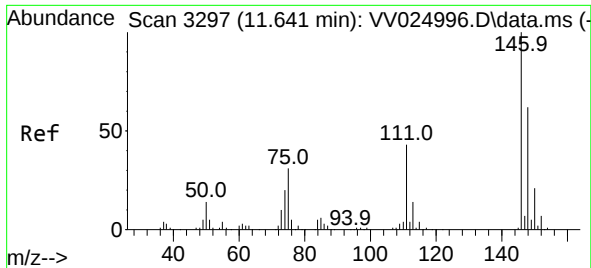
Tgt Ion:146 Resp: 120222
Ion Ratio Lower Upper
146 100
111 42.9 29.2 54.2
148 65.2 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.292 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion:146 Resp: 121236
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 63.2 43.8 81.4

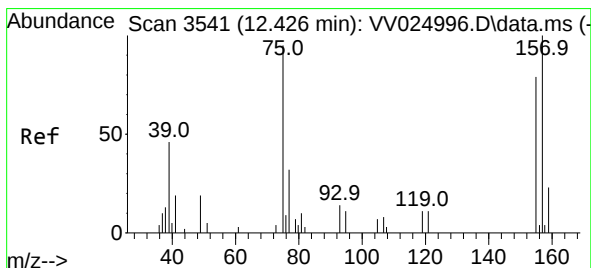
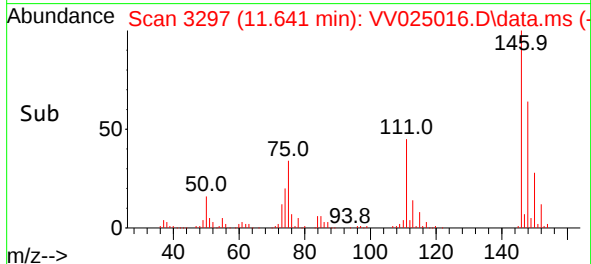
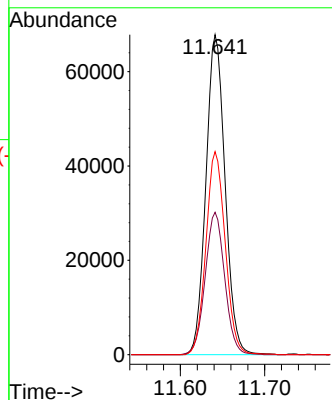
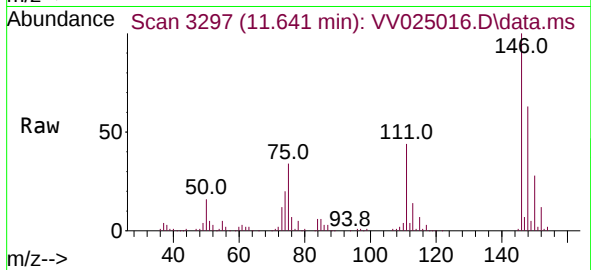




#67
 1,2-Dichlorobenzene
 Concen: 5.340 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

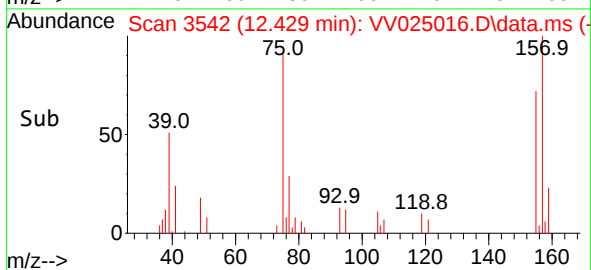
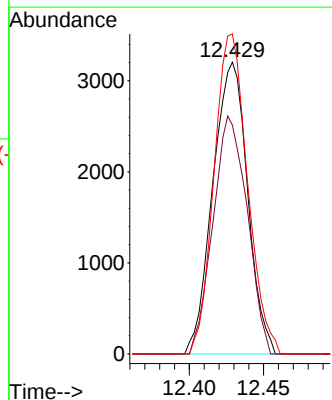
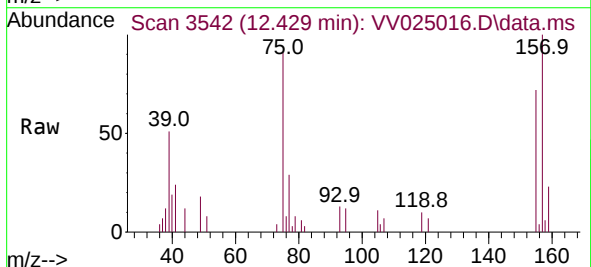
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD6MS

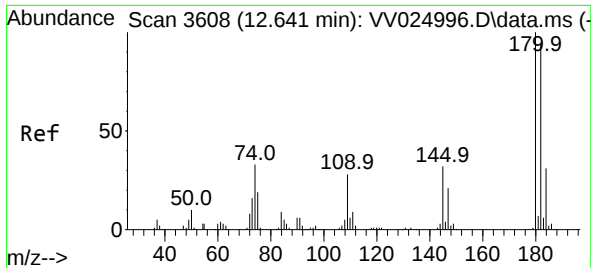
Tgt Ion:146 Resp: 107537
 Ion Ratio Lower Upper
 146 100
 111 44.5 35.5 53.3
 148 63.5 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.200 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV025016.D
 Acq: 15 Mar 2022 22:50

Tgt Ion: 75 Resp: 5208
 Ion Ratio Lower Upper
 75 100
 155 78.5 65.9 98.9
 157 109.7 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 5.221 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

Instrument :

MSVOA_V

ClientSampleId :

GBDD6MS

Tgt Ion:180 Resp: 83811

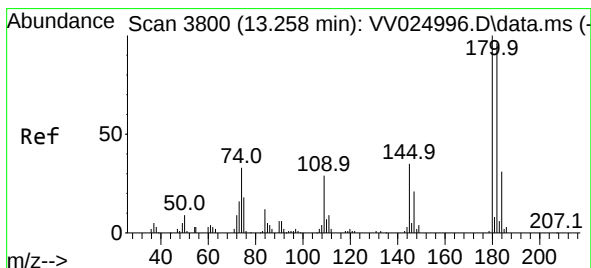
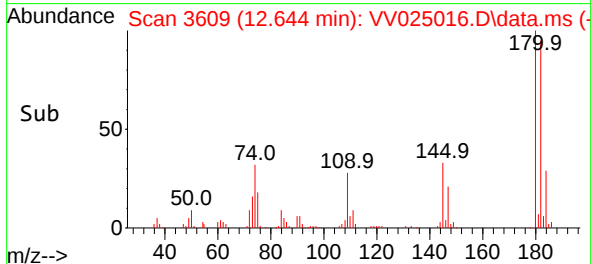
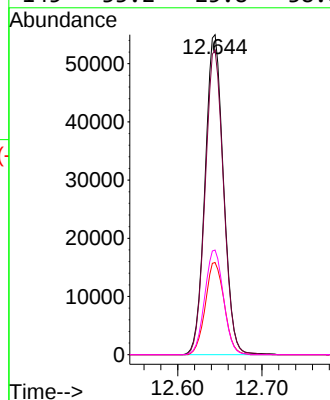
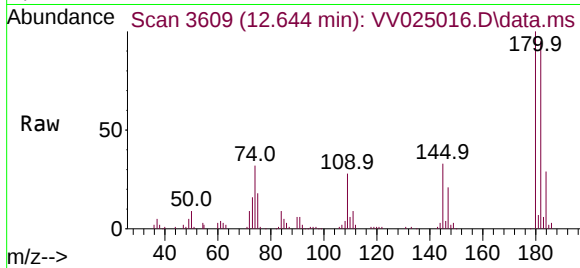
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

184 29.5 24.2 36.4

145 33.2 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 5.204 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025016.D

Acq: 15 Mar 2022 22:50

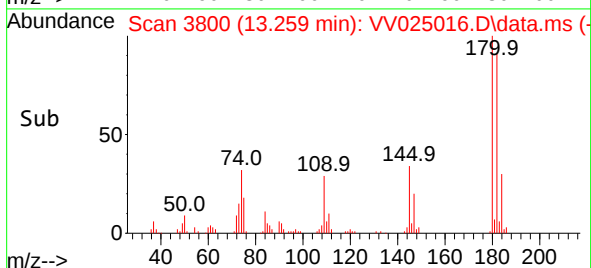
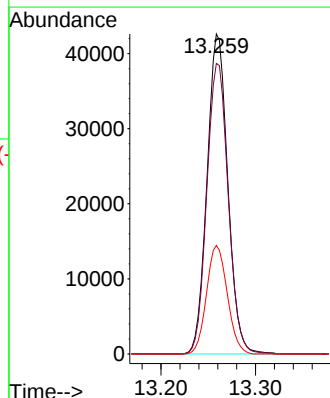
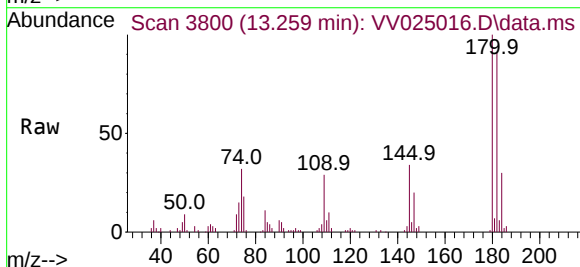
Tgt Ion:180 Resp: 65087

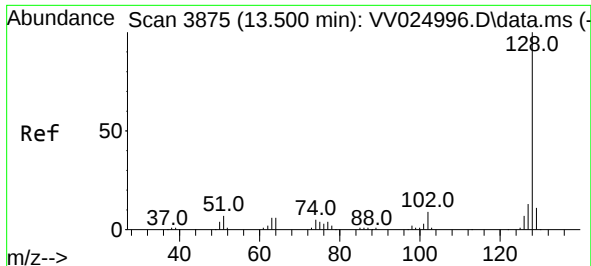
Ion Ratio Lower Upper

180 100

182 93.4 74.6 112.0

145 33.9 26.1 39.1

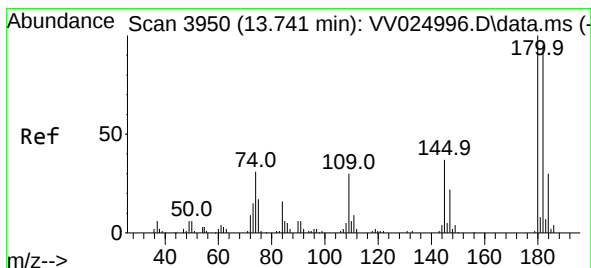
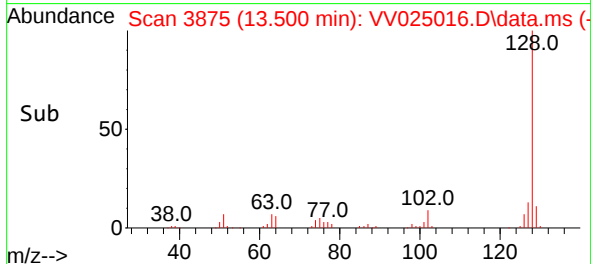
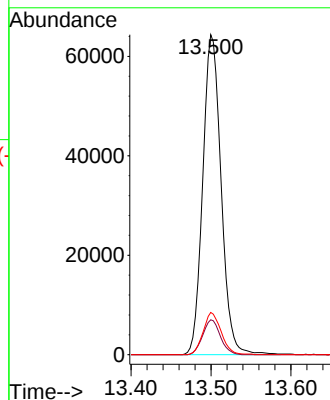
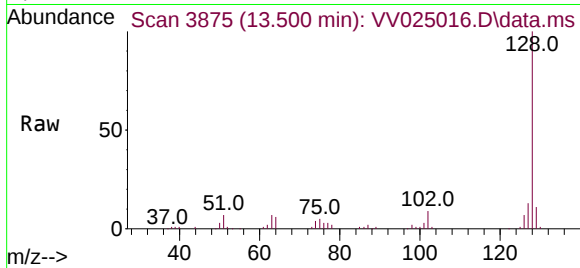




#71
Naphthalene
Concen: 4.956 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Instrument :
MSVOA_V
ClientSampleId :
GBDD6MS

Tgt Ion:128 Resp: 102929
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.0 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.151 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025016.D
Acq: 15 Mar 2022 22:50

Tgt Ion:180 Resp: 54593
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 35.4 27.6 41.4

