

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024049.D
 Acq On : 17 Dec 2021 06:29
 Operator : SY/MD
 Sample : M5133-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBH3MS

Quant Time: Dec 17 07:45:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	87579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24842	5.276	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.600%		
7) Chloroethane-d5	1.568	69	21378	5.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2	2.111	63	55441	6.033	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 120.600%		
20) 2-Butanone-d5	3.908	46	51294	55.764	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.520%		
24) Chloroform-d	4.349	84	60192	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.800%		
26) 1,2-Dichloroethane-d4	5.034	65	28846	5.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.200%		
32) Benzene-d6	5.053	84	108255	5.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.800%		
36) 1,2-Dichloropropane-d6	6.069	67	30788	5.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.317	98	107945	6.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 128.200%		
43) trans-1,3-Dichloroprop...	7.622	79	11953	5.105	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.000%		
46) 2-Hexanone-d5	8.092	63	51957	49.567	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.140%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24064	5.139	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	42290	5.635	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	42495	5.575	ug/L	99
3) Chloromethane	1.240	50	35691	5.480	ug/L	95
5) Vinyl chloride	1.310	62	40121	5.679	ug/L	100
6) Bromomethane	1.523	94	24560	5.471	ug/L	97
8) Chloroethane	1.584	64	25895	5.634	ug/L	99
9) Trichlorofluoromethane	1.754	101	72275	5.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38362	5.934	ug/L	99
12) 1,1-Dichloroethene	2.118	96	35246	5.998	ug/L	97
13) Acetone	2.195	43	52357	71.147	ug/L	85
14) Carbon disulfide	2.294	76	88784	5.209	ug/L	100
15) Methyl Acetate	2.445	43	7009	3.929	ug/L #	78
16) Methylene chloride	2.507	84	39243	5.105	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	84520	6.361	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	37501	5.765	ug/L	96
19) 1,1-Dichloroethane	3.188	63	68494	5.867	ug/L	99
21) 2-Butanone	3.989	43	64802	61.630	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	39847	5.787	ug/L	93
23) Bromochloromethane	4.249	128	19323	6.176	ug/L	89
25) Chloroform	4.375	83	88496	6.819	ug/L	97

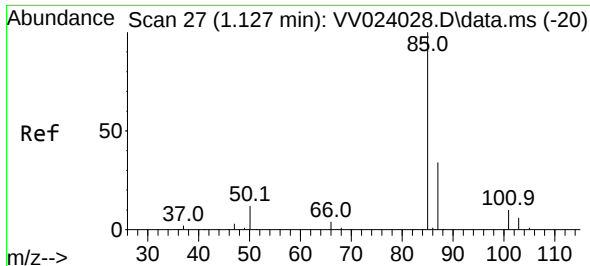
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44629	6.348	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	72861	5.896	ug/L	99
30) Cyclohexane	4.677	56	49476	5.048	ug/L	97
31) Carbon tetrachloride	4.828	117	76005	6.543	ug/L	99
33) Benzene	5.098	78	153028	5.727	ug/L	100
34) Trichloroethene	5.915	95	42133	5.590	ug/L	97
35) Methylcyclohexane	6.130	83	56115	5.059	ug/L	98
37) 1,2-Dichloropropane	6.172	63	36978	5.822	ug/L	100
38) Bromodichloromethane	6.510	83	53368	5.932	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	49859	5.288	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	210125	68.875	ug/L	99
42) Toluene	7.387	91	174333	5.797	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	44350	5.442	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28778	6.125	ug/L	99
47) Tetrachloroethene	7.976	164	38316	5.775	ug/L	96
48) 2-Hexanone	8.140	43	153311	69.305	ug/L	99
49) Dibromochloromethane	8.246	129	37681	5.894	ug/L	100
50) 1,2-Dibromoethane	8.352	107	26132	5.990	ug/L #	95
51) Chlorobenzene	8.883	112	112395	5.592	ug/L	97
52) Ethylbenzene	9.011	91	175897	5.544	ug/L	99
53) m,p-xylene	9.140	106	71293	5.681	ug/L	100
54) o-xylene	9.542	106	67931	5.598	ug/L	98
55) Styrene	9.561	104	106780	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	31763	6.173	ug/L	99
59) Bromoform	9.731	173	20381	5.652	ug/L	96
60) Isopropylbenzene	9.931	105	187515	5.684	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23513	6.143	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	149083	5.448	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	152312	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	96846	5.740	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	94287	5.564	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	91011	5.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5117	6.121	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	73212	5.276	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	55969	5.135	ug/L	98
71) Naphthalene	13.503	128	85475	5.456	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52508	5.457	ug/L	98

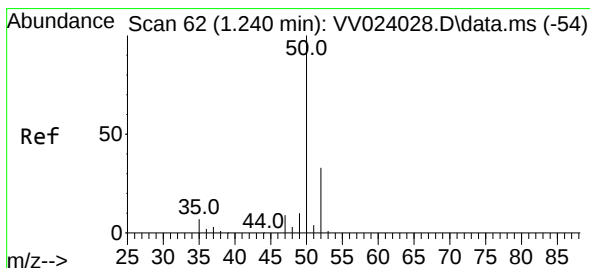
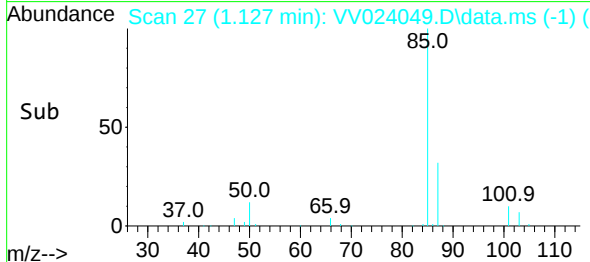
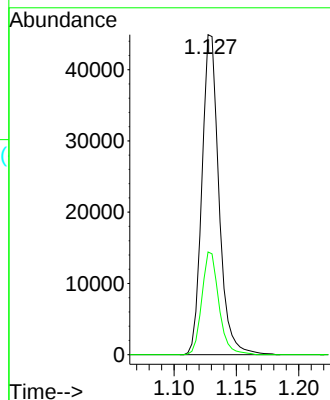
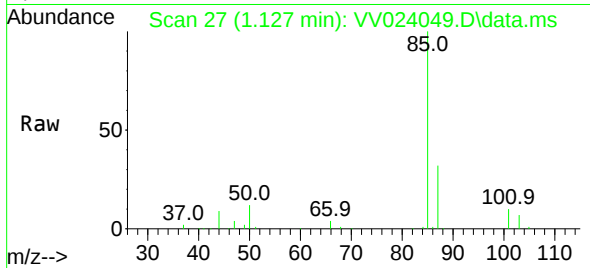
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#2
 Dichlorodifluoromethane
 Concen: 5.575 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

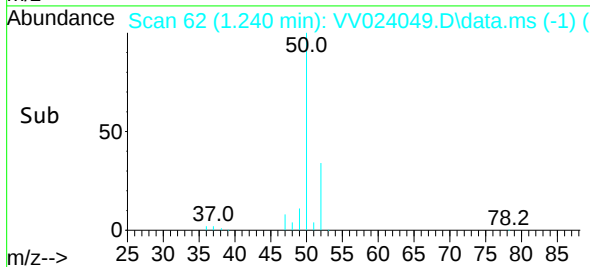
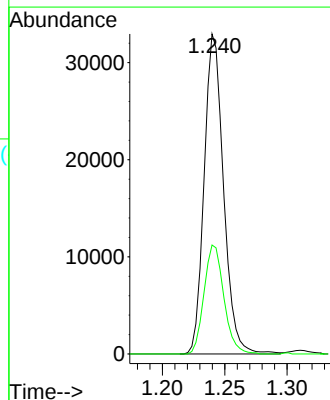
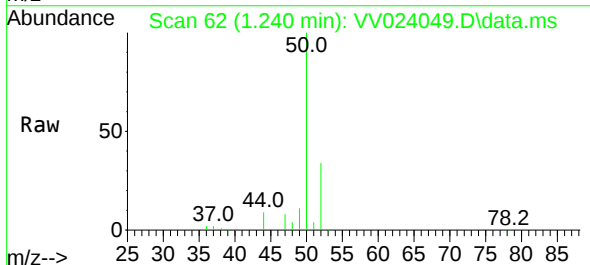
Instrument :
 MSVOA_V
 ClientSampleId :
 GBBH3MS

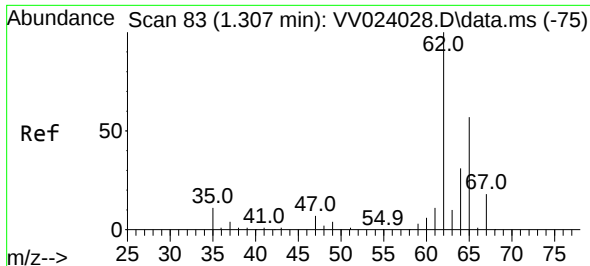
Tgt Ion: 85 Resp: 42495
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.480 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

Tgt Ion: 50 Resp: 35691
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.0 41.0

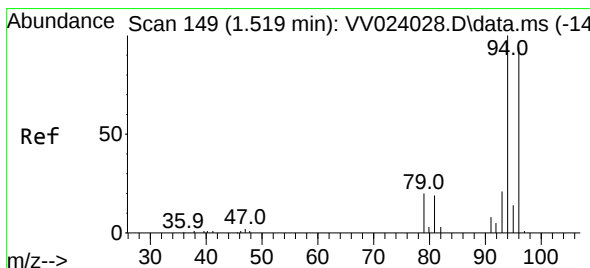
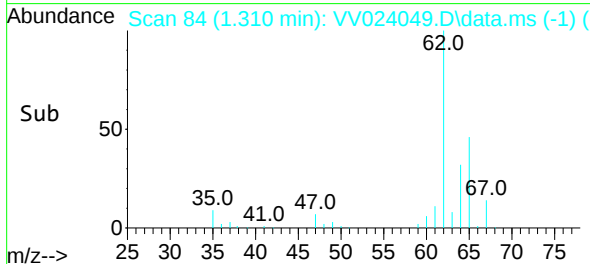
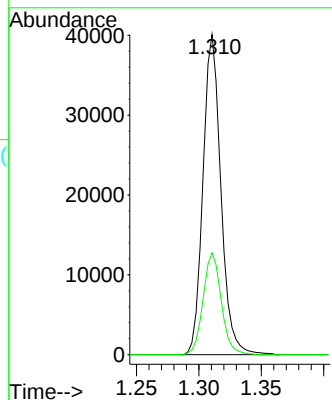
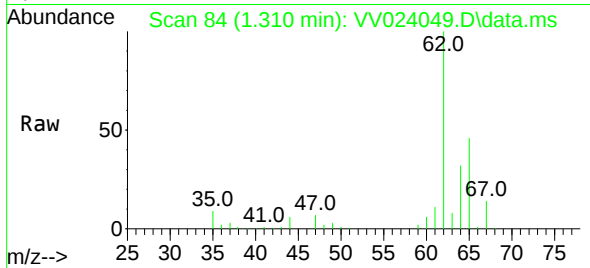




#5
 Vinyl chloride
 Concen: 5.679 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

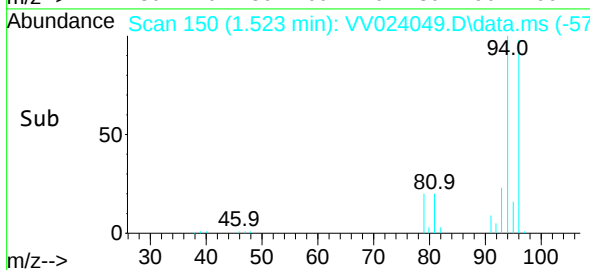
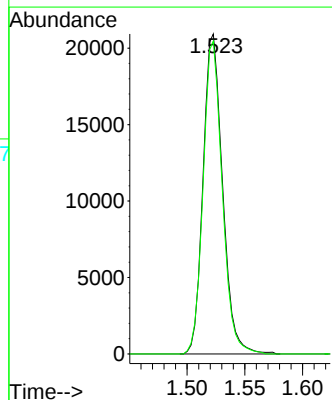
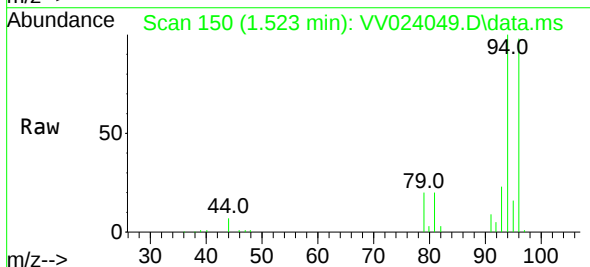
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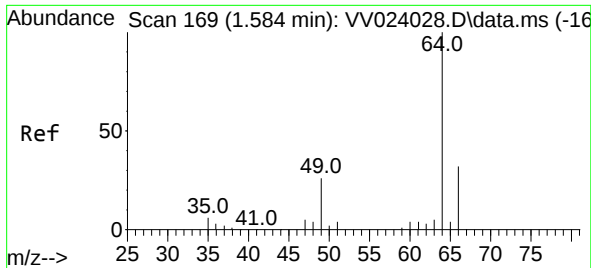
Tgt Ion: 62 Resp: 40121
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.4 41.6



#6
 Bromomethane
 Concen: 5.471 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

Tgt Ion: 94 Resp: 24560
 Ion Ratio Lower Upper
 94 100
 96 97.7 66.2 123.0

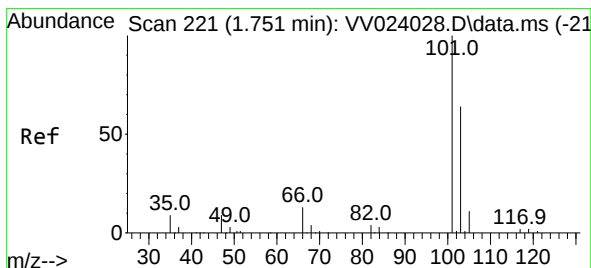
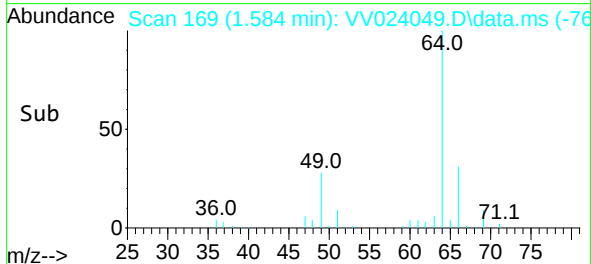
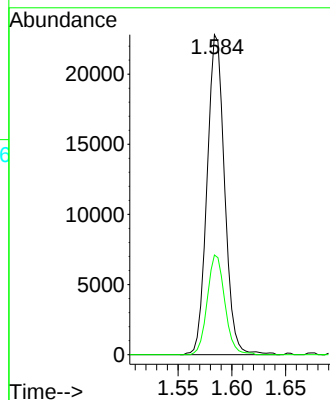
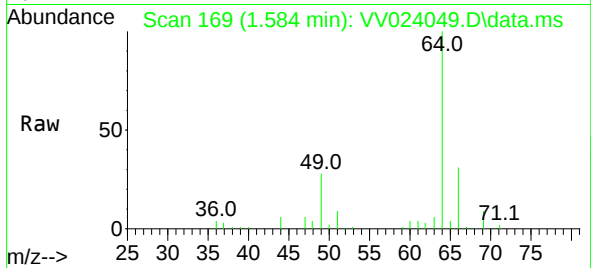




#8
Chloroethane
Concen: 5.634 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

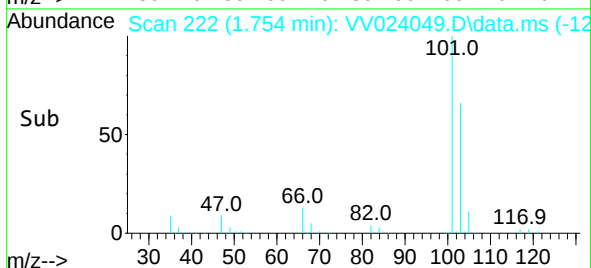
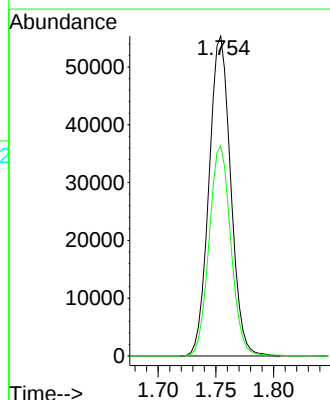
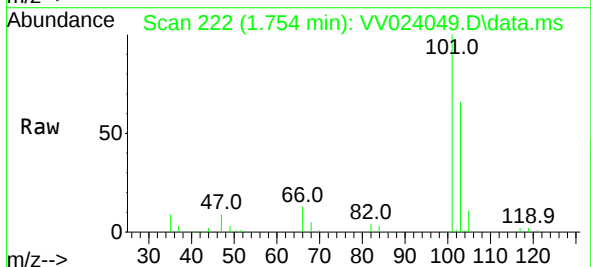
Instrument :
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ClientSampleId :
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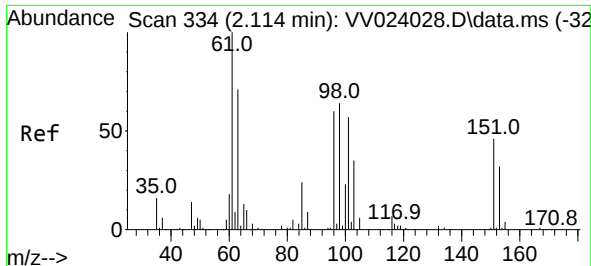
Tgt Ion: 64 Resp: 25895
Ion Ratio Lower Upper
64 100
66 31.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.888 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion:101 Resp: 72275
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

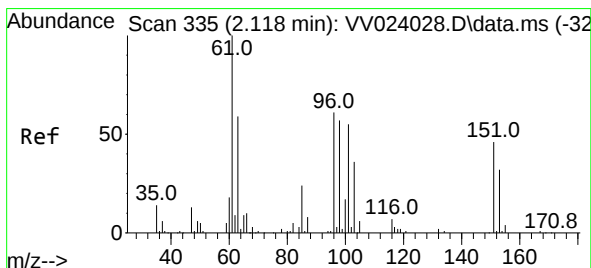
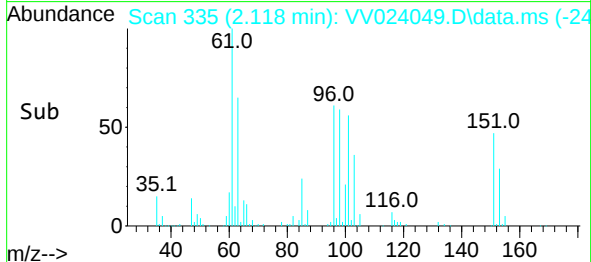
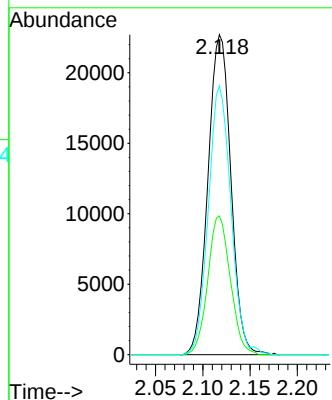
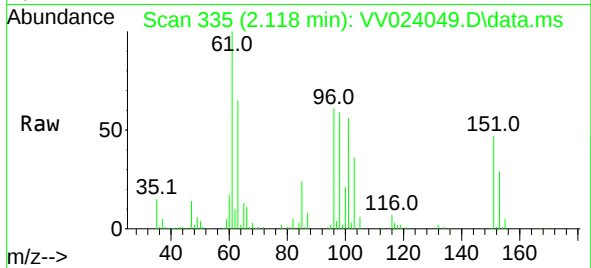




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.934 ug/L
 RT: 2.118 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

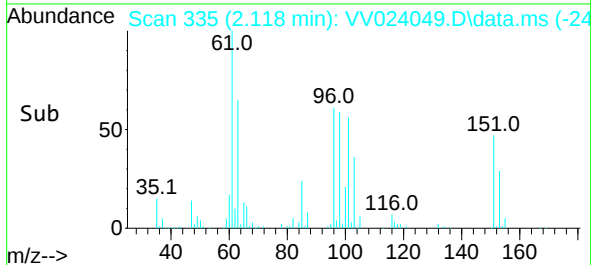
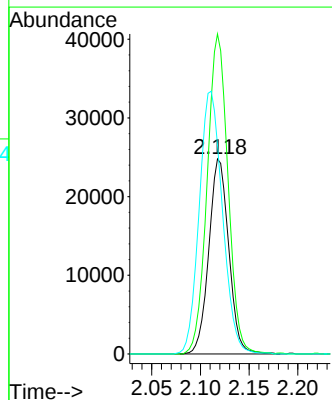
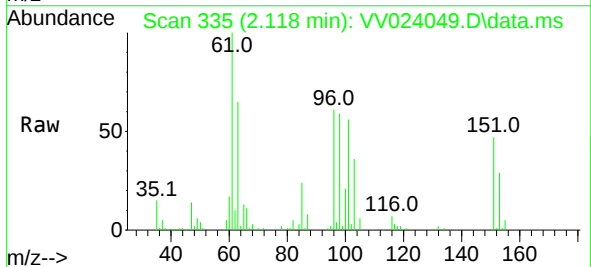
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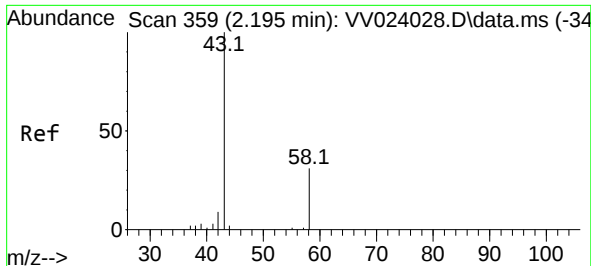
Tgt Ion:101 Resp: 38362
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.0 54.0
 151 83.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.998 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

Tgt Ion: 96 Resp: 35246
 Ion Ratio Lower Upper
 96 100
 61 164.1 116.1 215.5
 63 107.3 79.4 147.4

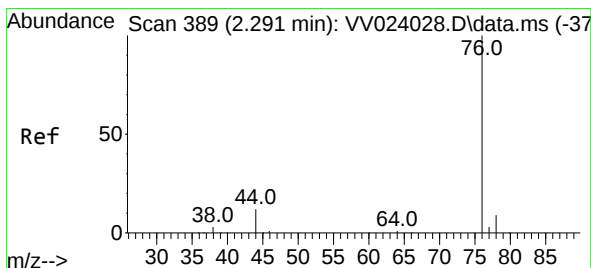
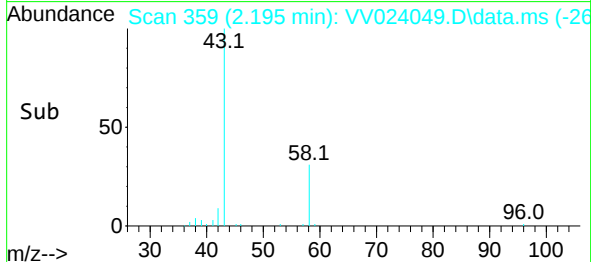
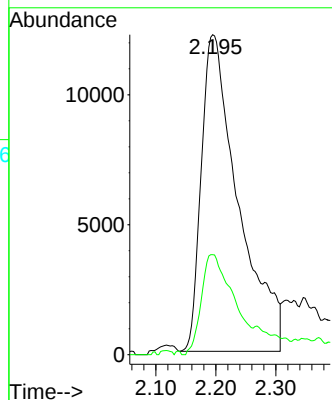
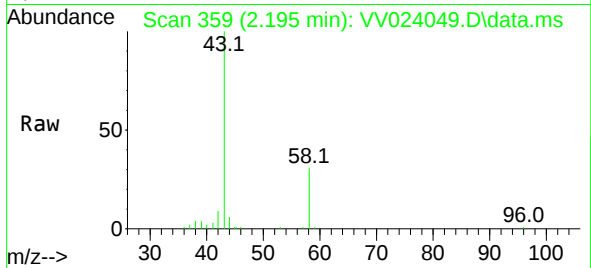




#13
Acetone
Concen: 71.147 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

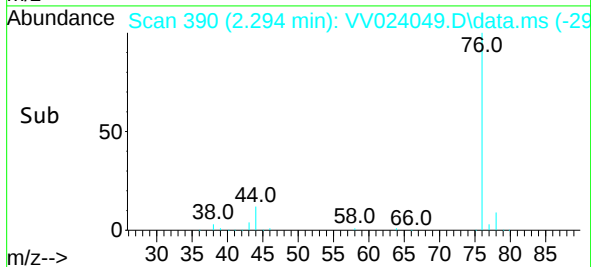
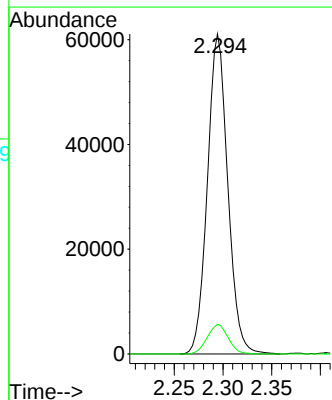
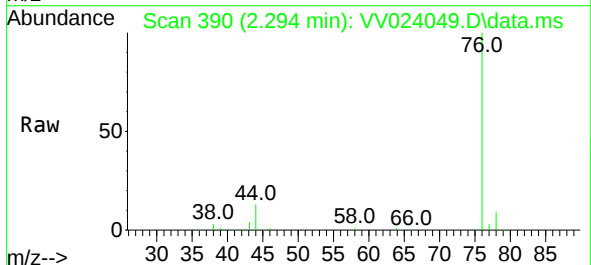
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

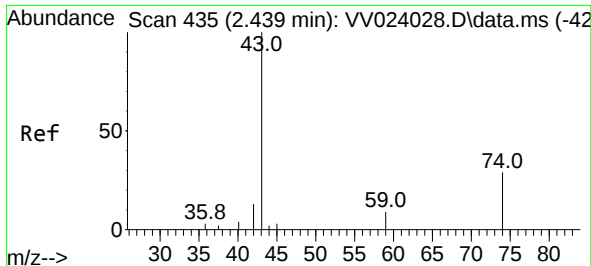
Tgt Ion: 43 Resp: 52357
Ion Ratio Lower Upper
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58 27.5 0.0 41.4



#14
Carbon disulfide
Concen: 5.209 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 76 Resp: 88784
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

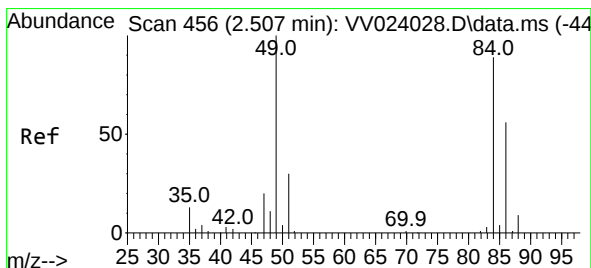
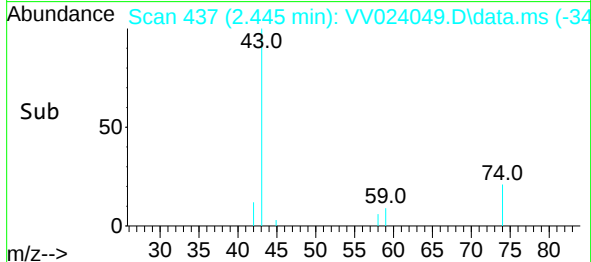
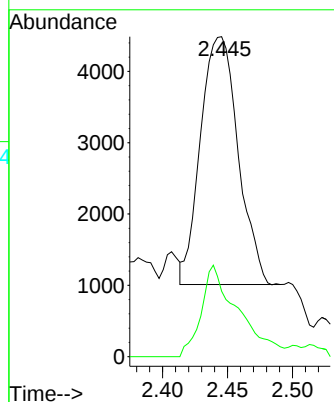
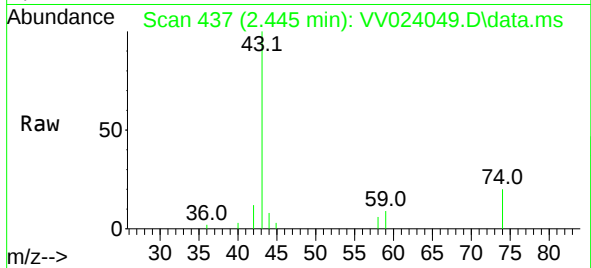




#15
Methyl Acetate
Concen: 3.929 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

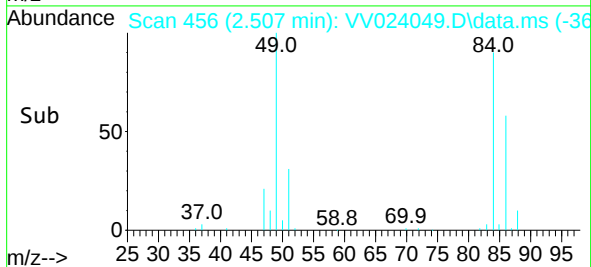
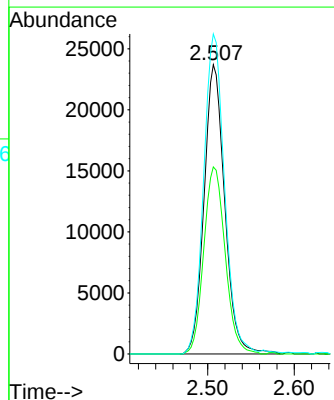
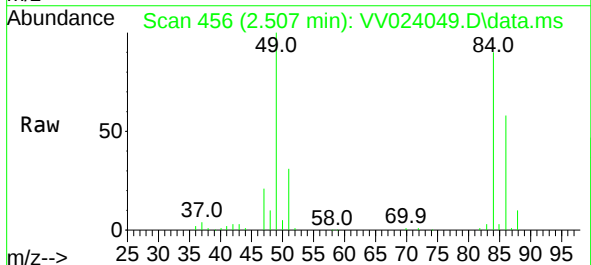
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

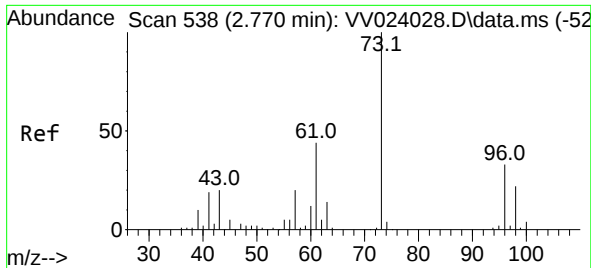
Tgt Ion: 43 Resp: 7009
Ion Ratio Lower Upper
43 100
74 36.3 20.2 30.2#



#16
Methylene chloride
Concen: 5.105 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 84 Resp: 39243
Ion Ratio Lower Upper
84 100
86 64.6 42.6 79.0
49 110.6 79.7 147.9

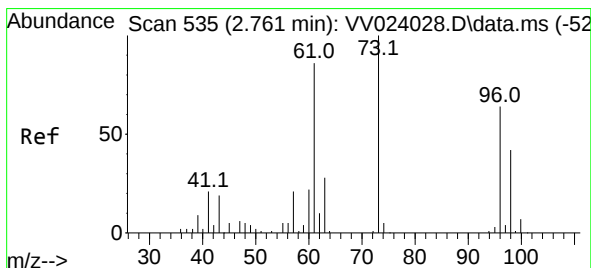
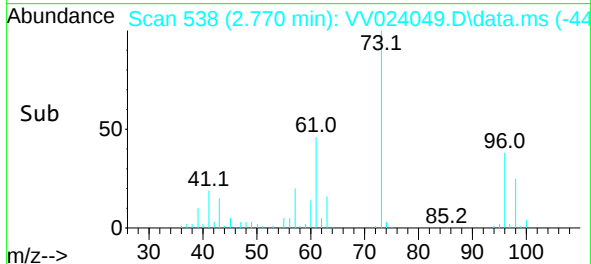
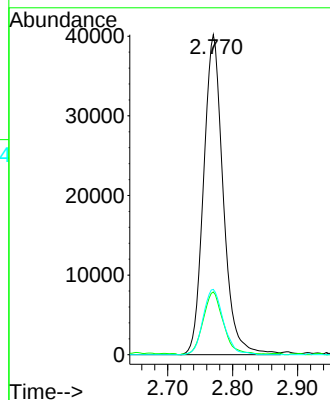
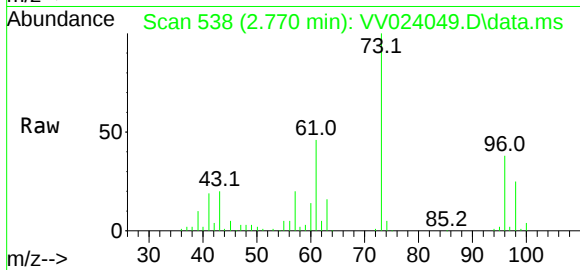




#17
Methyl tert-butyl Ether
Concen: 6.361 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

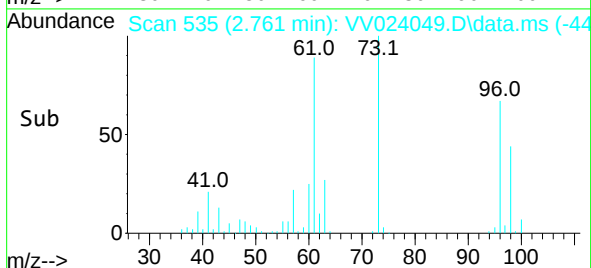
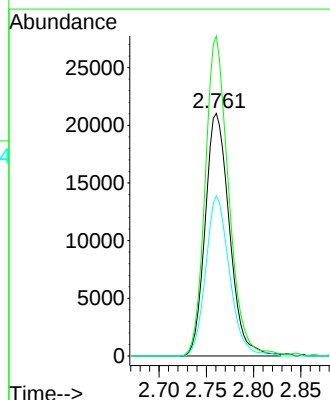
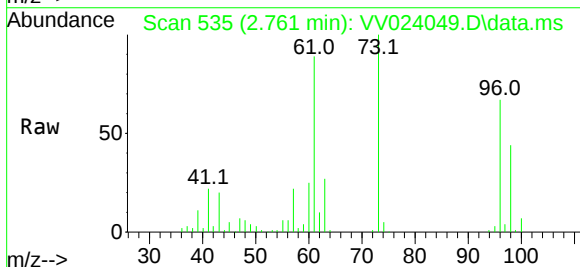
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

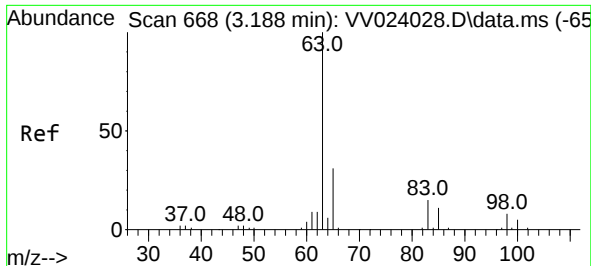
Tgt Ion: 73 Resp: 84520
Ion Ratio Lower Upper
73 100
43 20.3 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.765 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 96 Resp: 37501
Ion Ratio Lower Upper
96 100
61 131.9 88.2 163.8
98 66.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.867 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

GBBH3MS

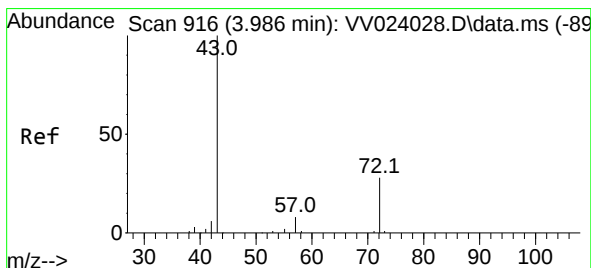
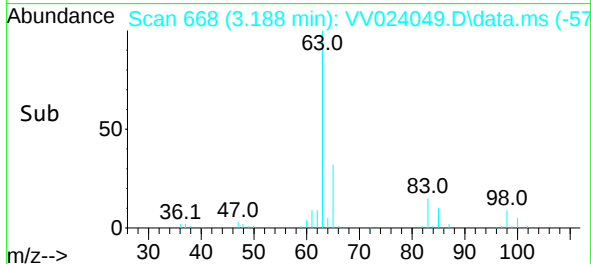
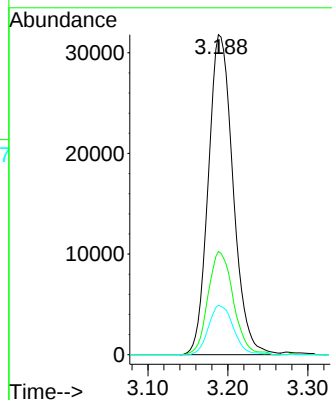
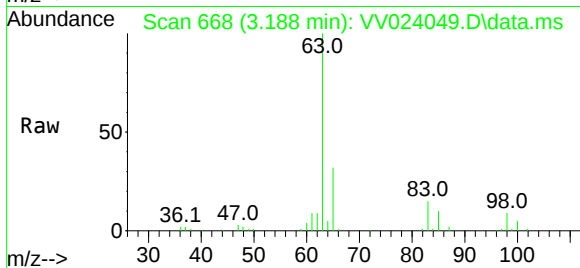
Tgt Ion: 63 Resp: 68494

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 15.5 10.7 19.9



#21

2-Butanone

Concen: 61.630 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV024049.D

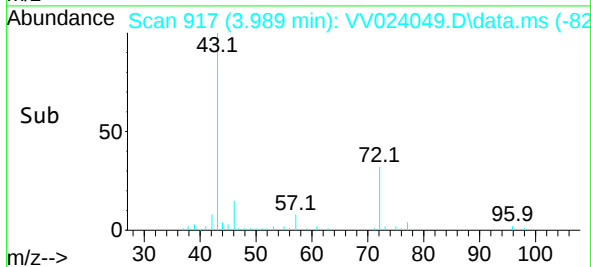
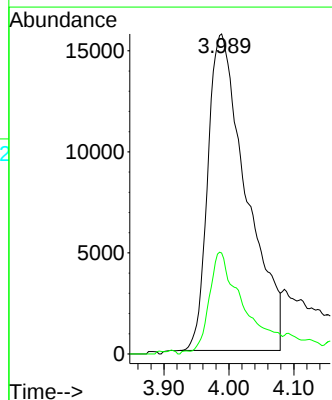
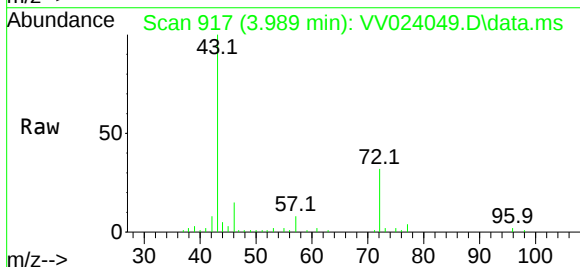
Acq: 17 Dec 2021 06:29

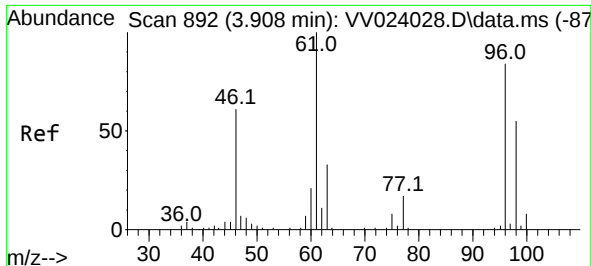
Tgt Ion: 43 Resp: 64802

Ion Ratio Lower Upper

43 100

72 27.2 11.1 33.1

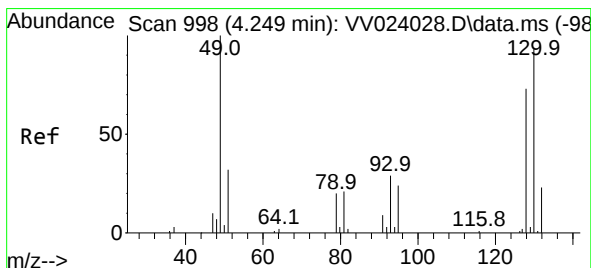
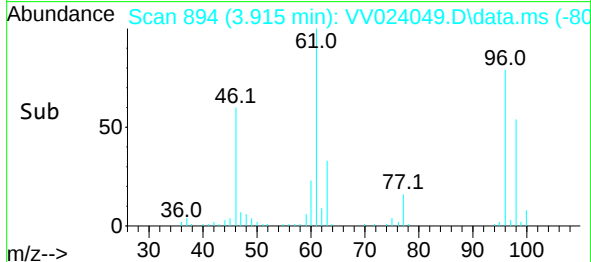
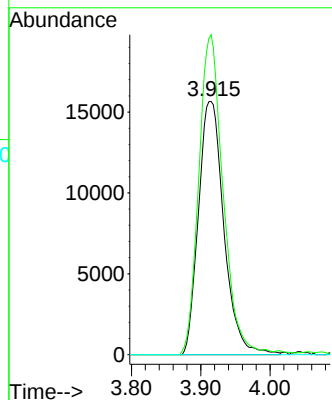
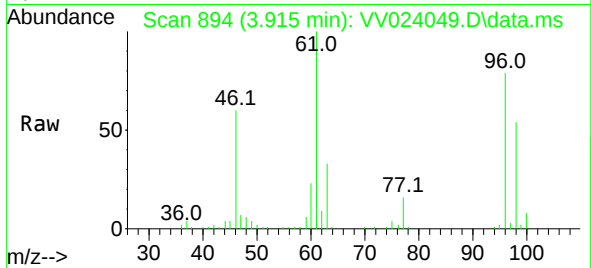




#22
 cis-1,2-Dichloroethene
 Concen: 5.787 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

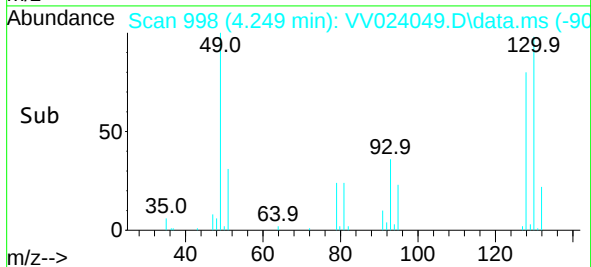
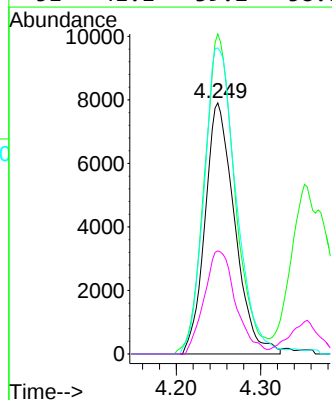
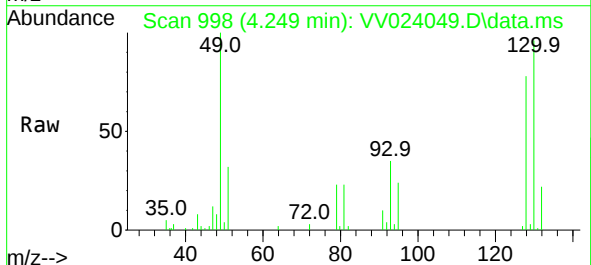
Instrument :
 MSVOA_V
 ClientSampleId :
 GBBH3MS

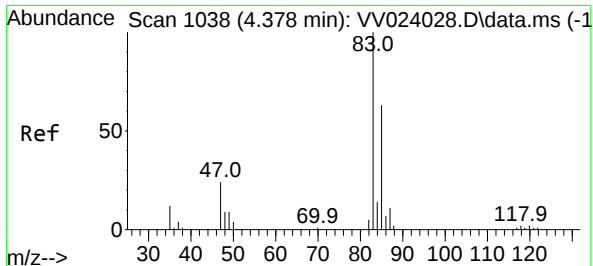
Tgt Ion: 96 Resp: 39847
 Ion Ratio Lower Upper
 96 100
 61 126.3 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 6.176 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

Tgt Ion: 128 Resp: 19323
 Ion Ratio Lower Upper
 128 100
 49 127.5 100.2 186.2
 130 121.9 92.5 171.7
 51 41.1 39.2 58.8





#25

Chloroform

Concen: 6.819 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

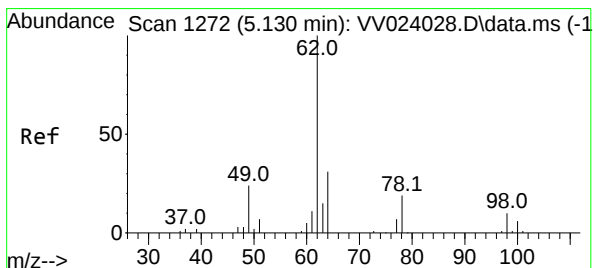
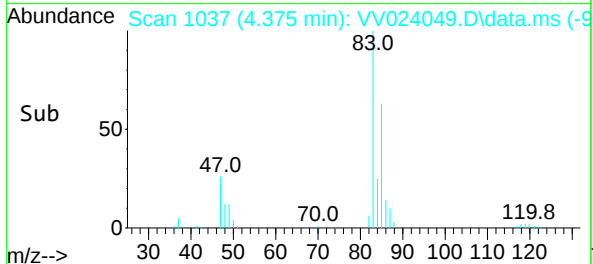
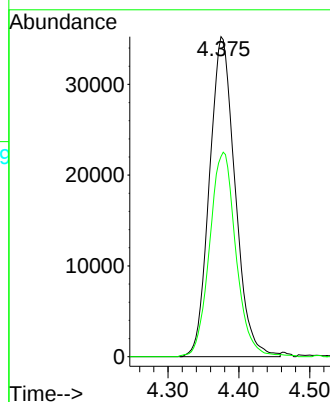
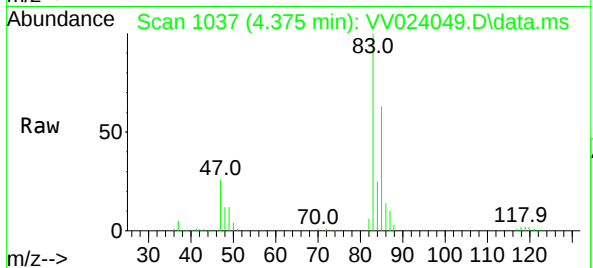
GBBH3MS

Tgt Ion: 83 Resp: 88496

Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 6.348 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV024049.D

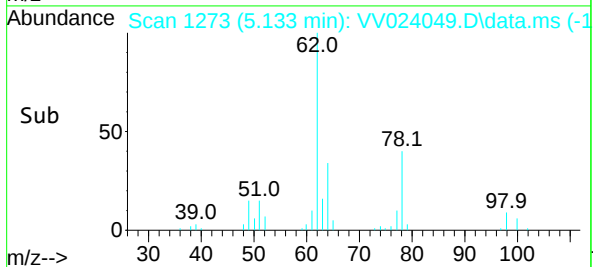
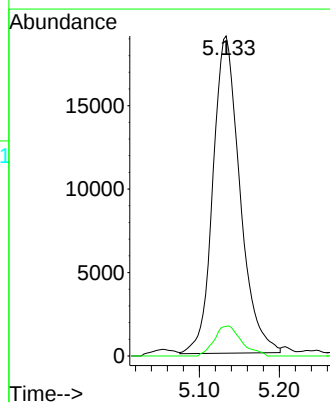
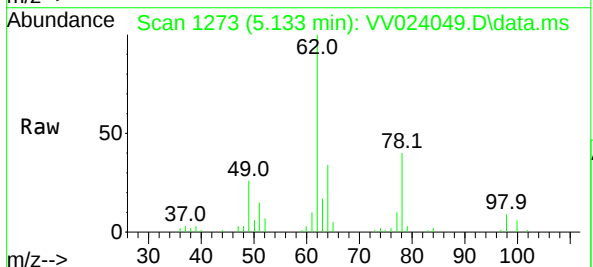
Acq: 17 Dec 2021 06:29

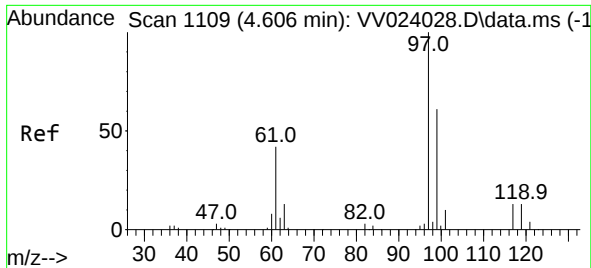
Tgt Ion: 62 Resp: 44629

Ion Ratio Lower Upper

62 100

98 9.3 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.896 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

GBBH3MS

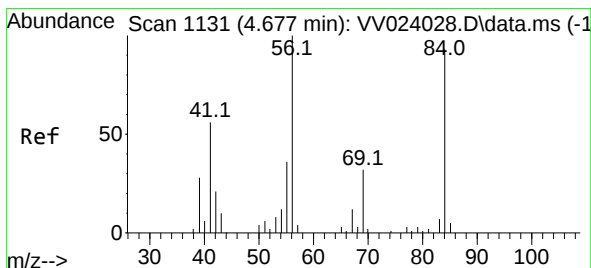
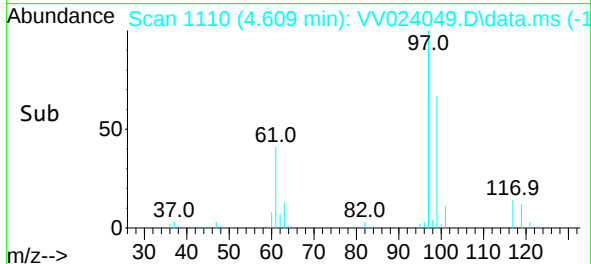
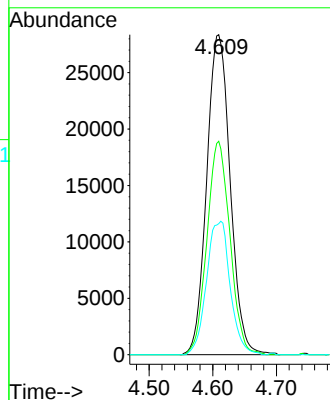
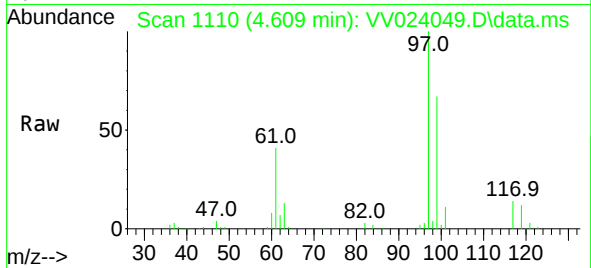
Tgt Ion: 97 Resp: 72861

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 5.048 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

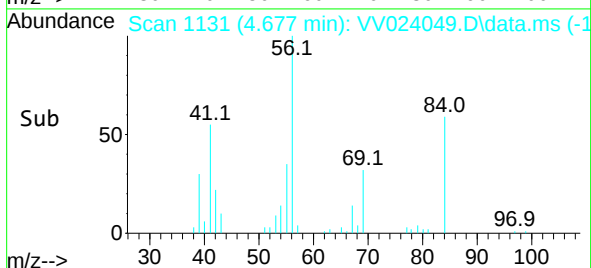
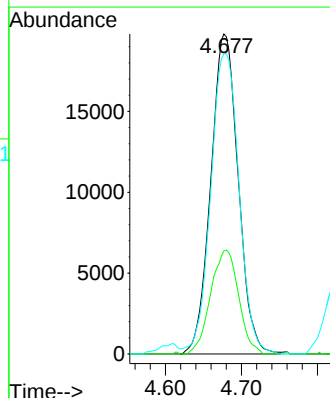
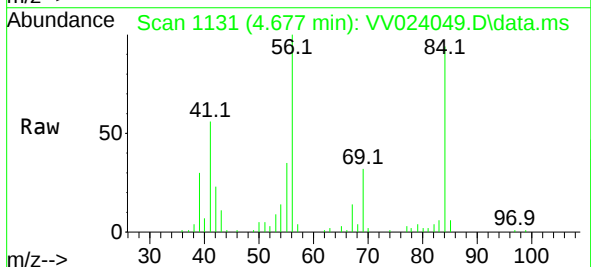
Tgt Ion: 56 Resp: 49476

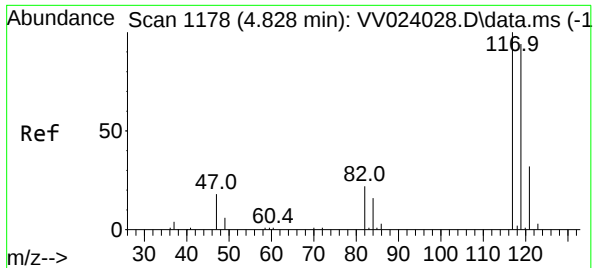
Ion Ratio Lower Upper

56 100

69 33.2 24.8 37.2

84 97.3 75.9 113.9

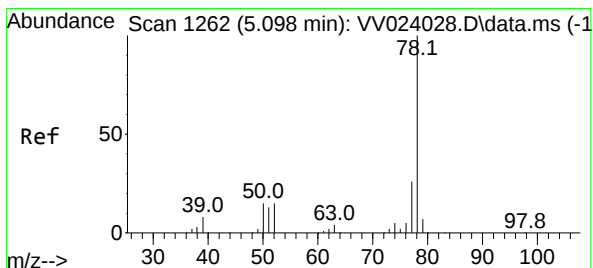
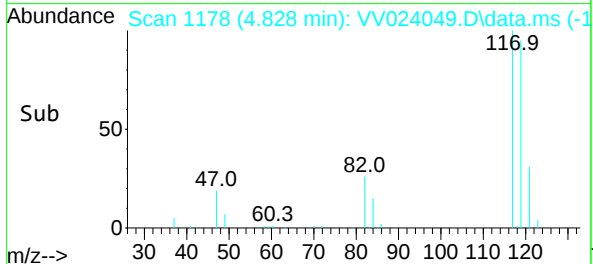
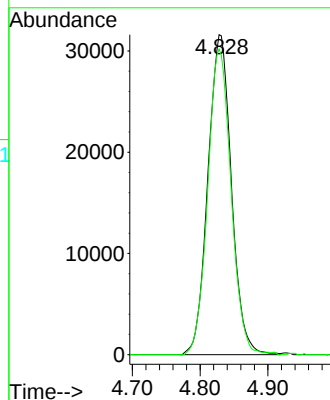
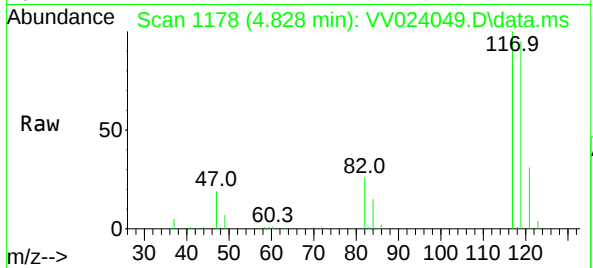




#31
Carbon tetrachloride
Concen: 6.543 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

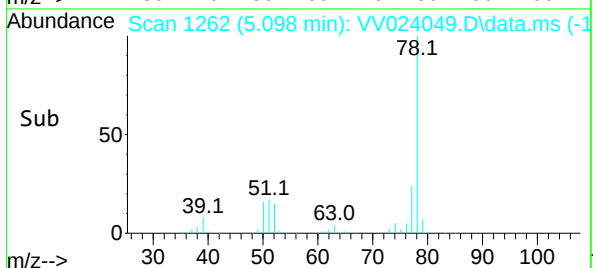
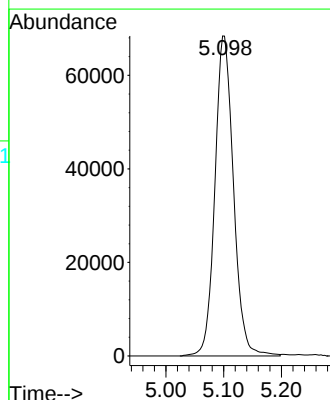
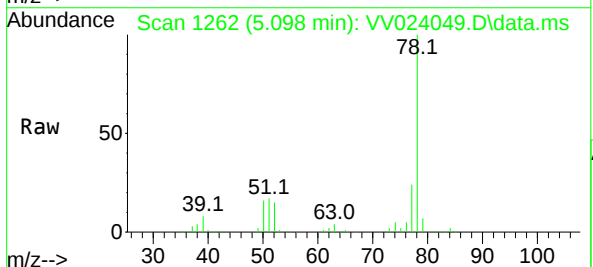
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

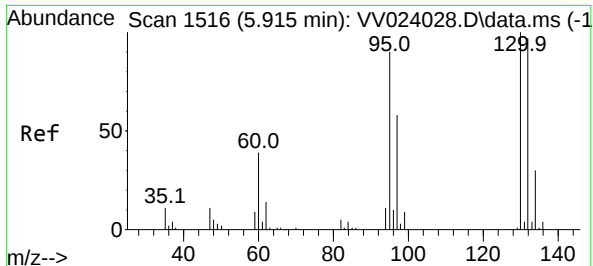
Tgt Ion:117 Resp: 76005
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8



#33
Benzene
Concen: 5.727 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 78 Resp: 153028

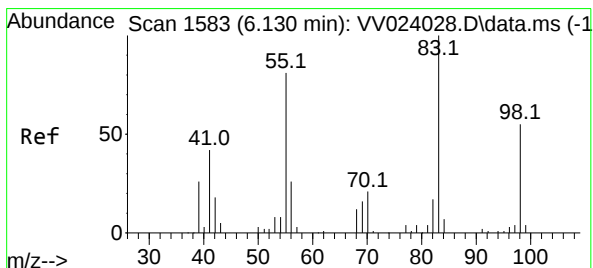
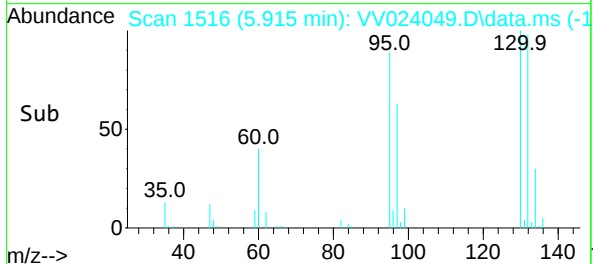
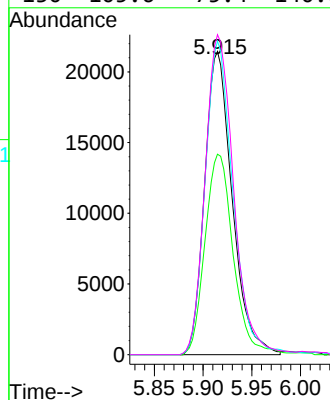
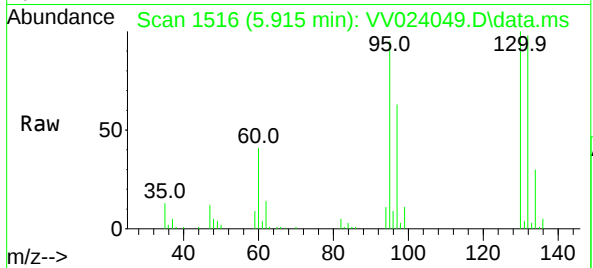




#34
Trichloroethene
Concen: 5.590 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

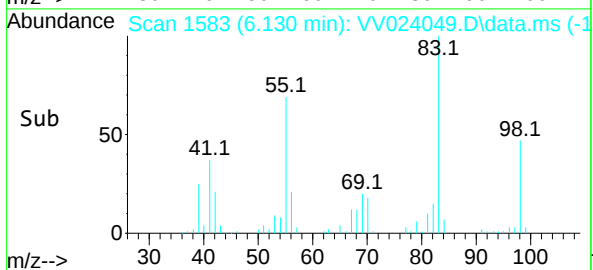
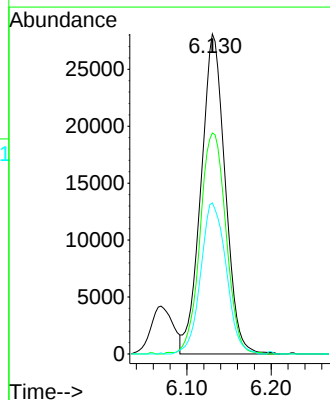
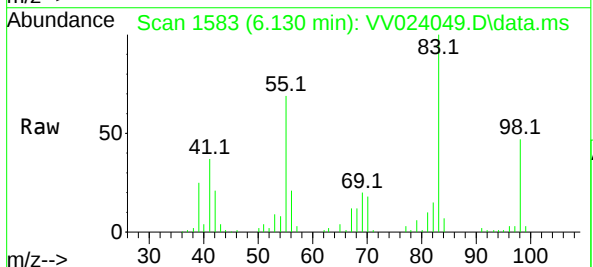
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

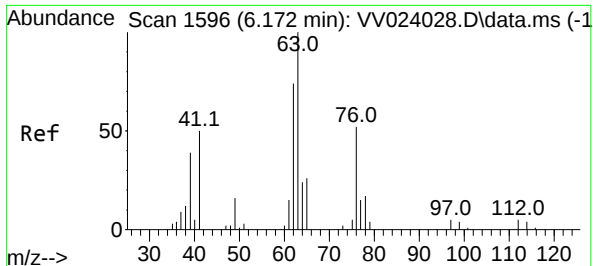
Tgt Ion: 95 Resp: 42133
Ion Ratio Lower Upper
95 100
97 66.1 45.2 84.0
132 103.4 76.1 141.3
130 105.6 75.4 140.0



#35
Methylcyclohexane
Concen: 5.059 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 83 Resp: 56115
Ion Ratio Lower Upper
83 100
55 73.8 60.2 90.2
98 49.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.822 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

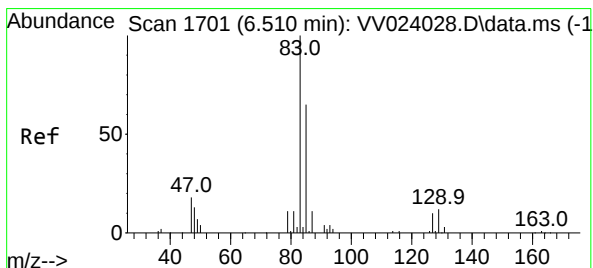
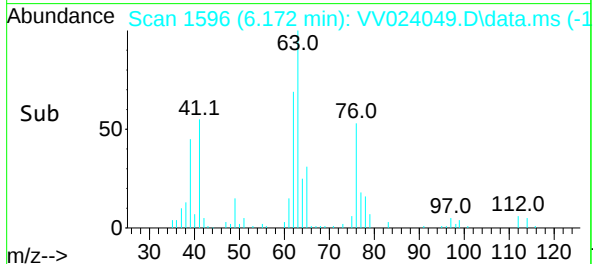
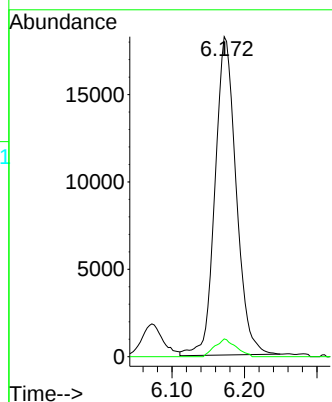
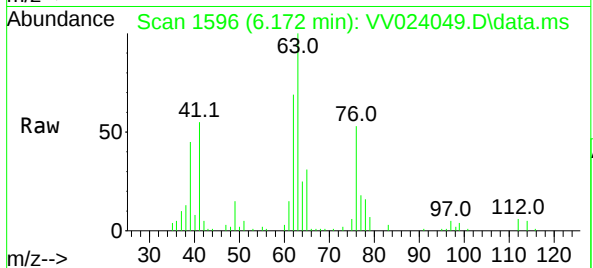
GBBH3MS

Tgt Ion: 63 Resp: 36978

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5



#38

Bromodichloromethane

Concen: 5.932 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

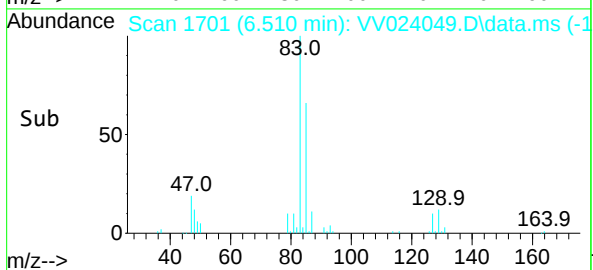
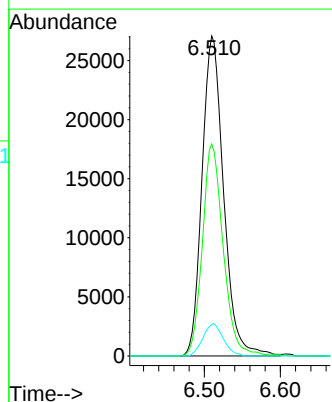
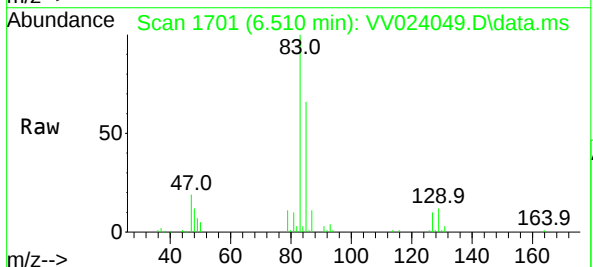
Tgt Ion: 83 Resp: 53368

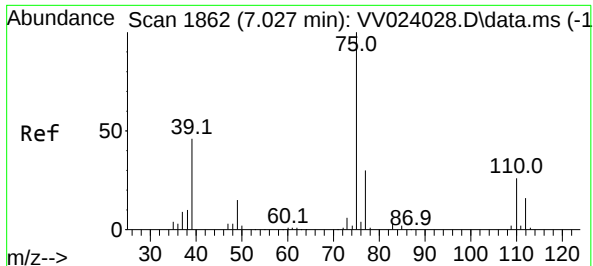
Ion Ratio Lower Upper

83 100

85 66.2 44.0 81.8

127 9.9 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.288 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

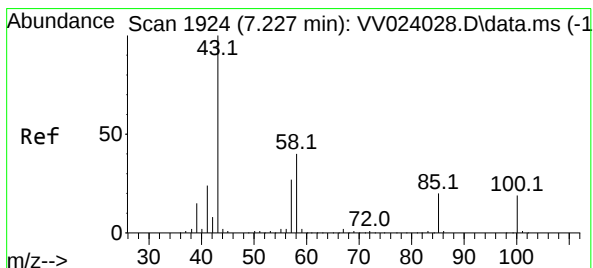
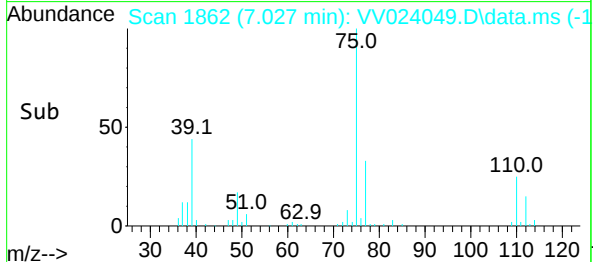
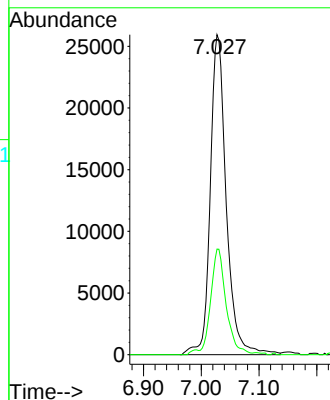
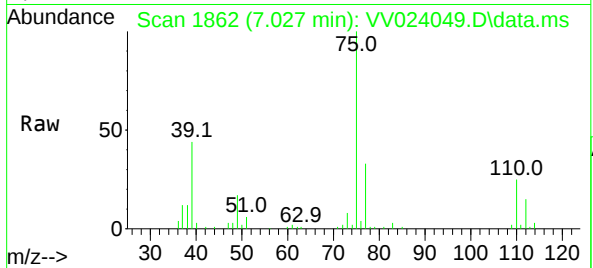
GBBH3MS

Tgt Ion: 75 Resp: 49859

Ion Ratio Lower Upper

75 100

77 33.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 68.875 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

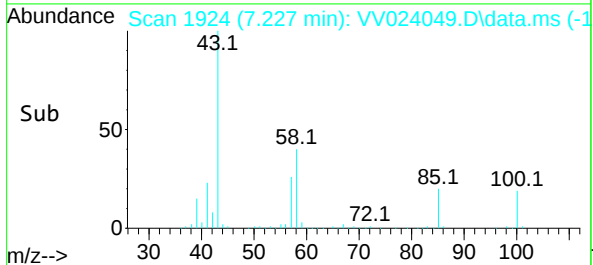
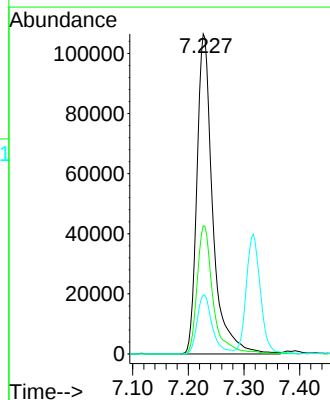
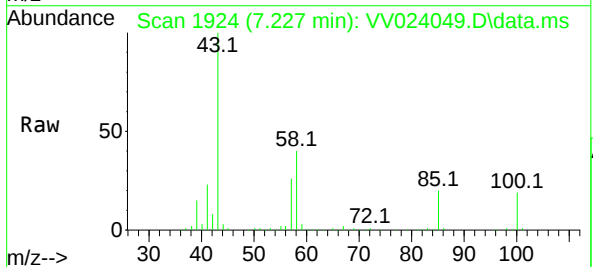
Tgt Ion: 43 Resp: 210125

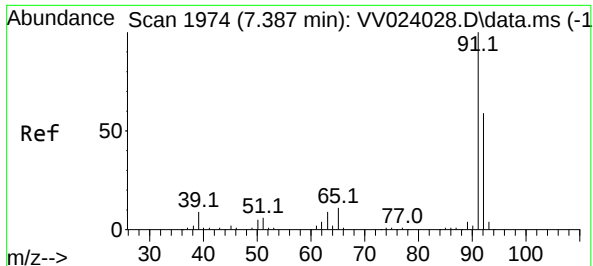
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 17.7 13.0 19.6





#42

Toluene

Concen: 5.797 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

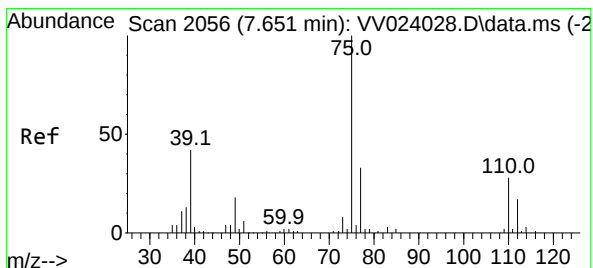
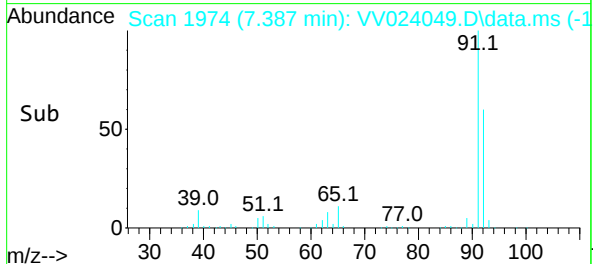
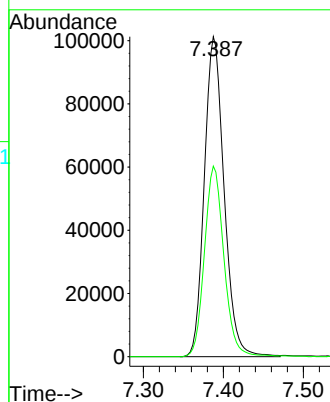
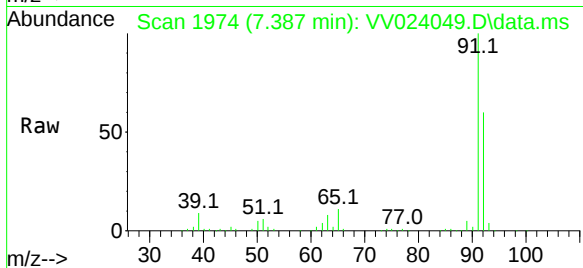
GBBH3MS

Tgt Ion: 91 Resp: 174333

Ion Ratio Lower Upper

91 100

92 59.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.442 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024049.D

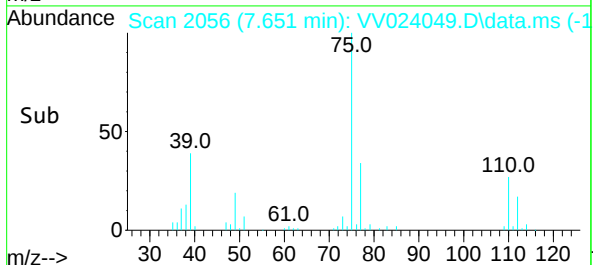
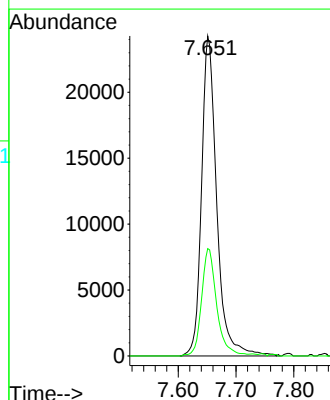
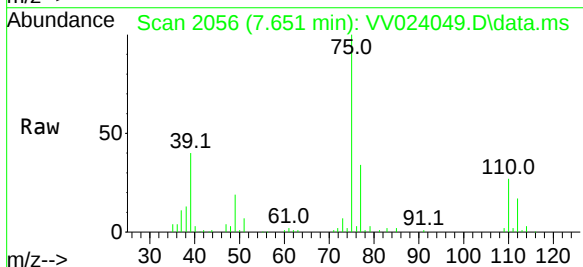
Acq: 17 Dec 2021 06:29

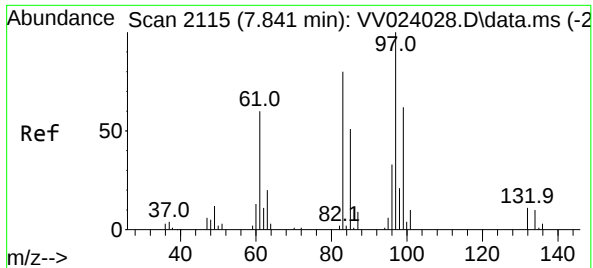
Tgt Ion: 75 Resp: 44350

Ion Ratio Lower Upper

75 100

77 33.6 21.8 40.4



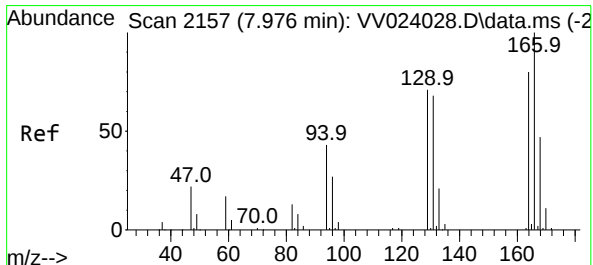
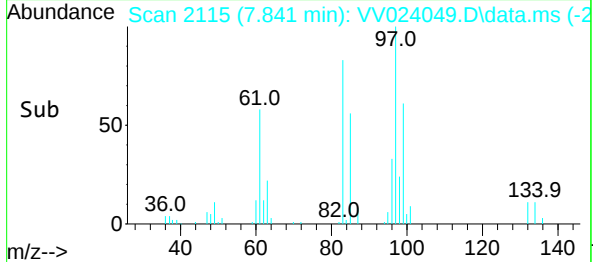
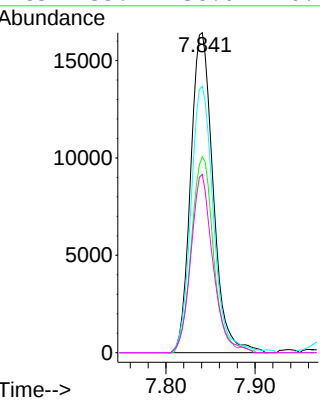
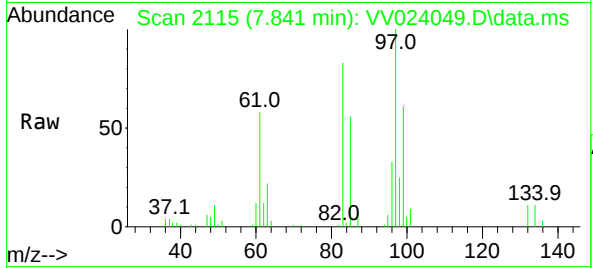


#45
1,1,2-Trichloroethane
Concen: 6.125 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

Tgt Ion: 97 Resp: 28778

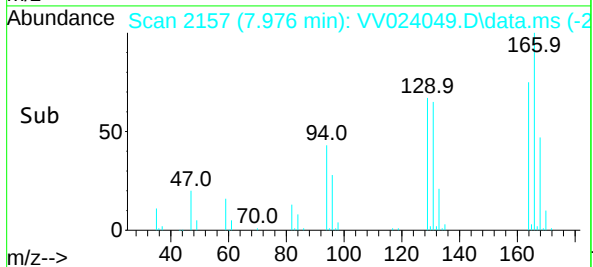
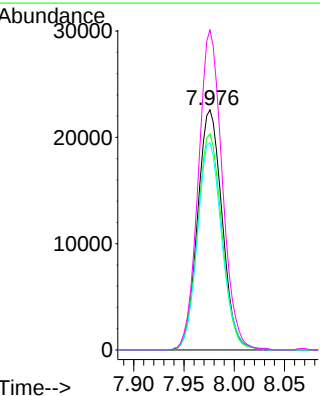
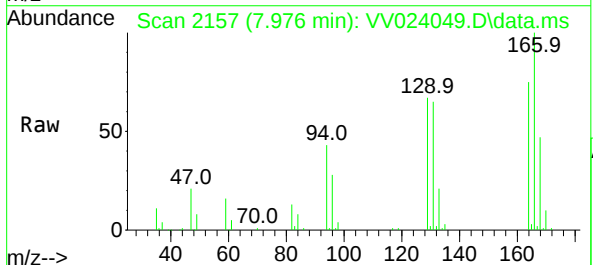
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.1	80.1
83	83.3	57.9	107.5
85	55.7	38.0	70.6

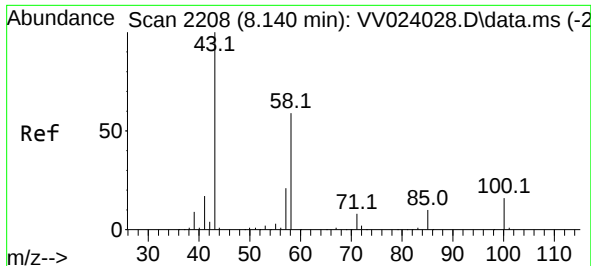


#47
Tetrachloroethene
Concen: 5.775 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 164 Resp: 38316

Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.6	116.2
131	86.3	61.0	113.4
166	133.3	87.3	162.1

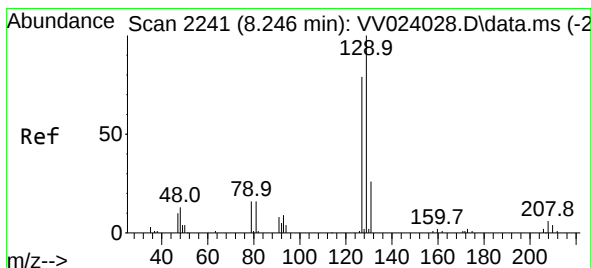
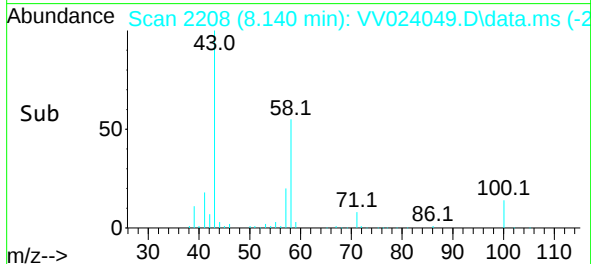
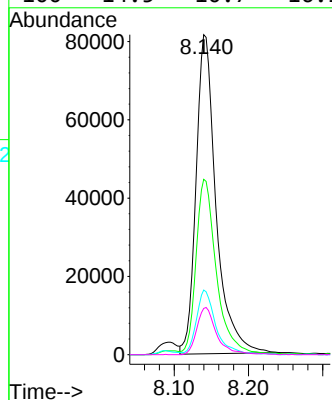
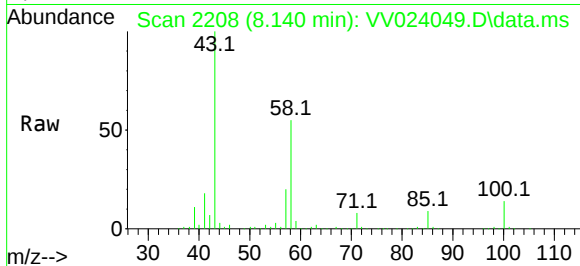




#48
2-Hexanone
Concen: 69.305 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

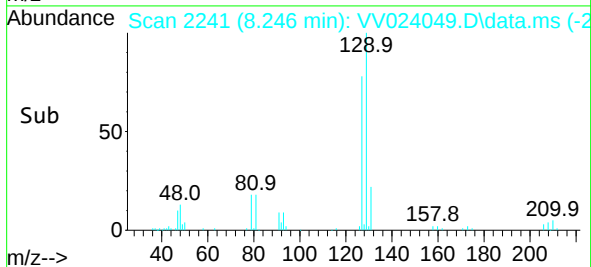
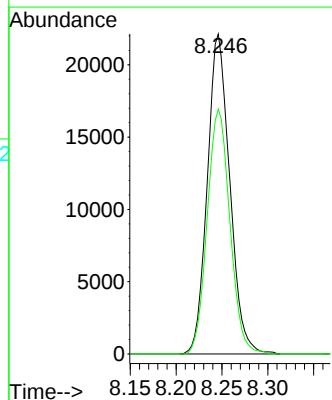
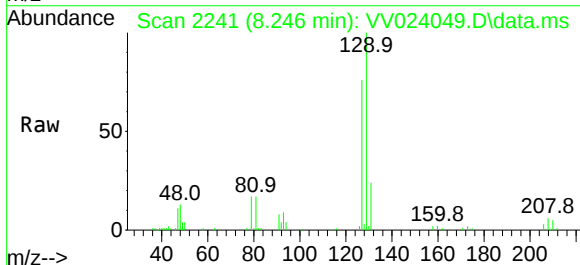
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

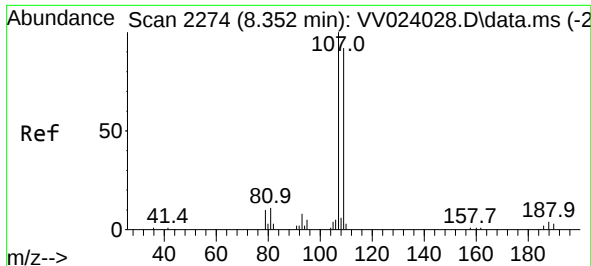
Tgt Ion: 43 Resp: 153311
Ion Ratio Lower Upper
43 100
58 55.6 44.5 66.7
57 19.1 15.1 22.7
100 14.5 10.7 16.1



#49
Dibromochloromethane
Concen: 5.894 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 129 Resp: 37681
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.990 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

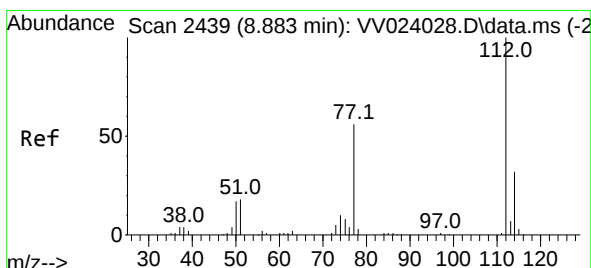
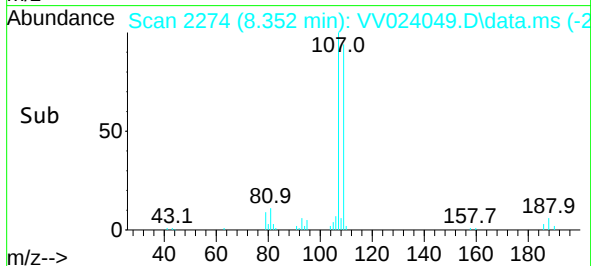
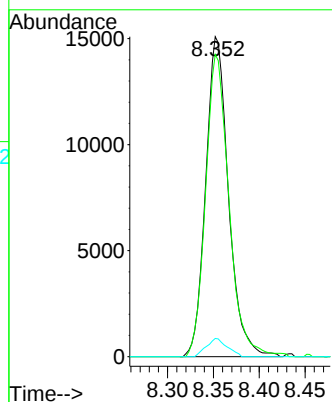
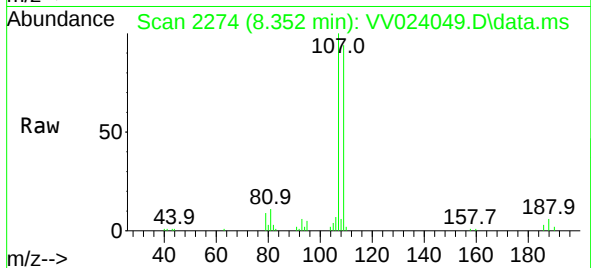
Instrument :

MSVOA_V

ClientSampleId :

GBBH3MS

Tgt Ion:	107	Resp:	26132
Ion	Ratio	Lower	Upper
107	100		
109	94.4	62.5	116.1
188	5.7	3.4	5.2#



#51

Chlorobenzene

Concen: 5.592 ug/L

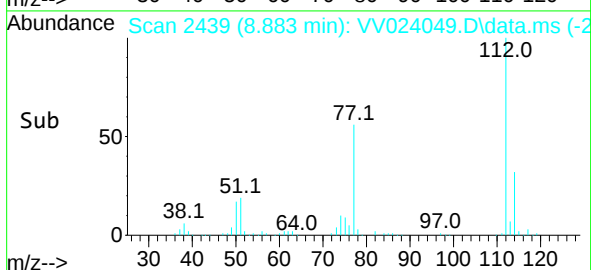
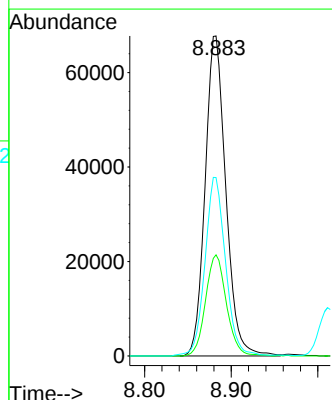
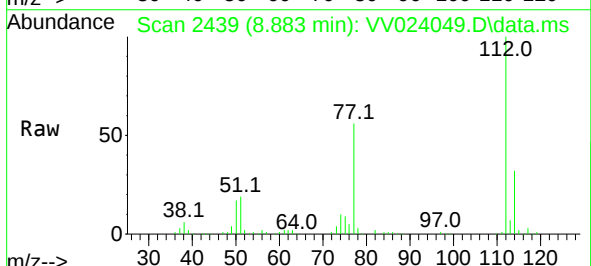
RT: 8.883 min Scan# 2439

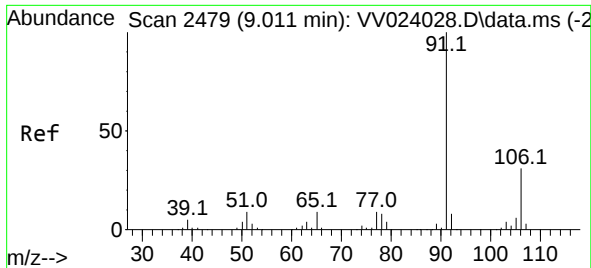
Delta R.T. 0.003 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Tgt Ion:	112	Resp:	112395
Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.3	43.3
77	55.8	43.3	64.9

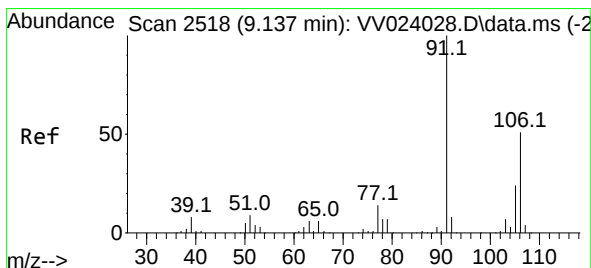
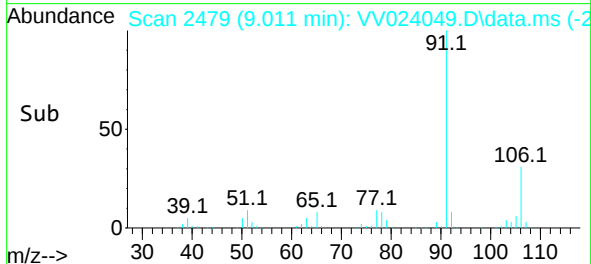
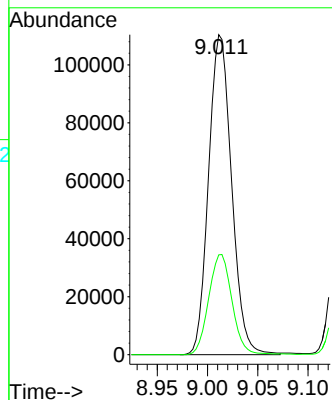
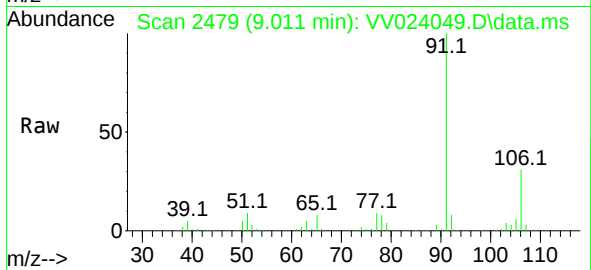




#52
Ethylbenzene
Concen: 5.544 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

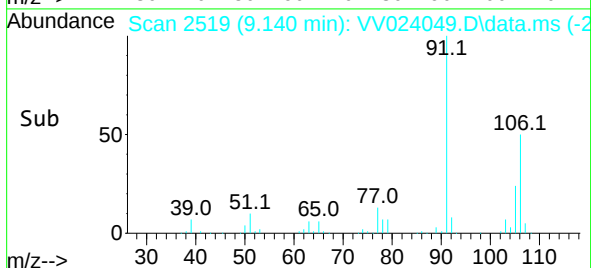
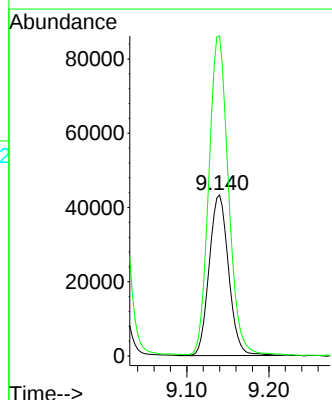
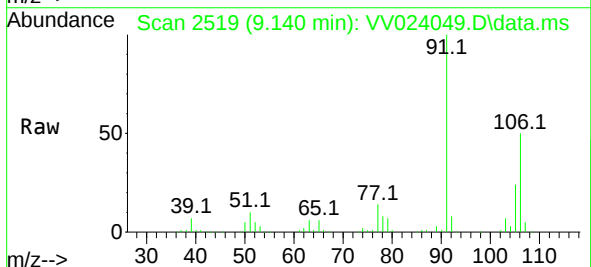
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

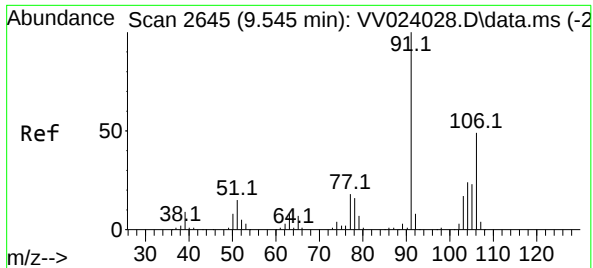
Tgt Ion: 91 Resp: 175897
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-xylene
Concen: 5.681 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 106 Resp: 71293
Ion Ratio Lower Upper
106 100
91 198.7 139.5 259.1

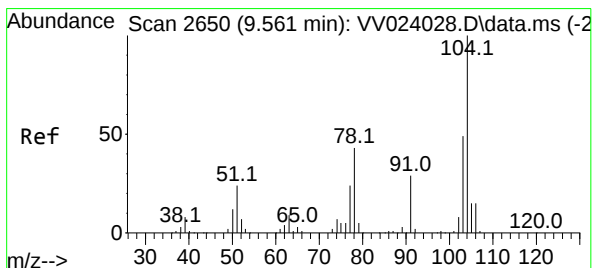
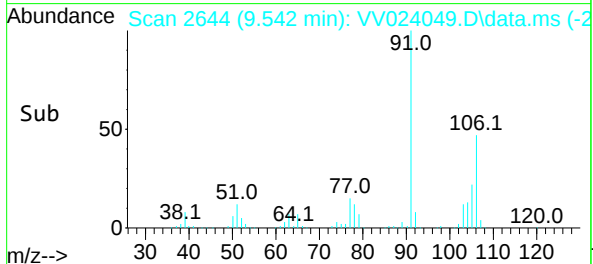
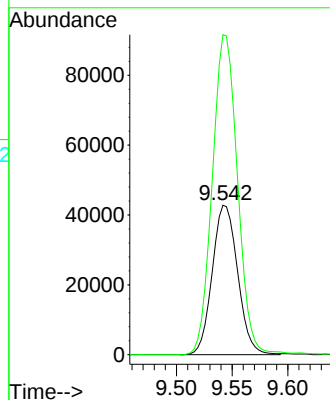
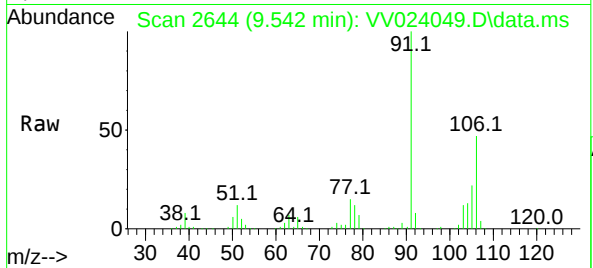




#54
o-xylene
Concen: 5.598 ug/L
RT: 9.542 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

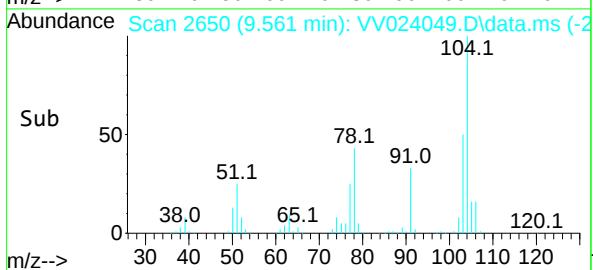
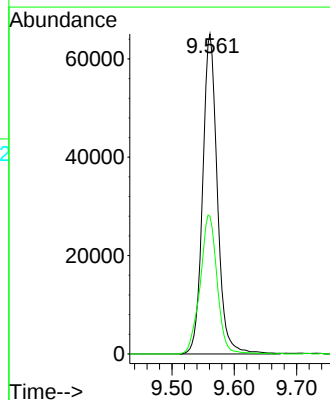
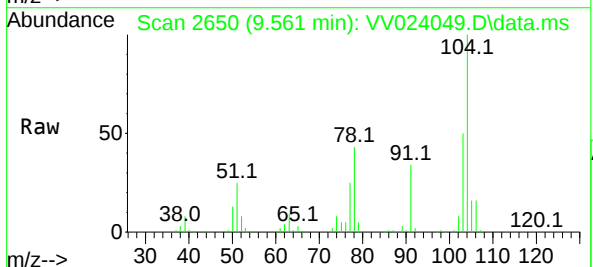
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

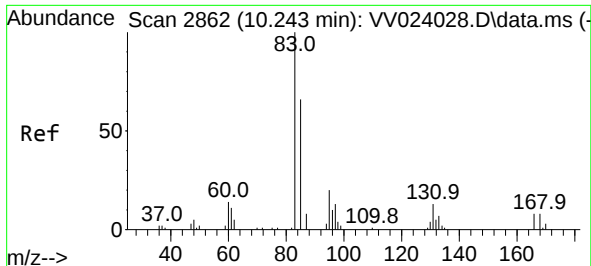
Tgt Ion:106 Resp: 67931
Ion Ratio Lower Upper
106 100
91 214.1 147.9 274.7



#55
Styrene
Concen: 5.286 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion:104 Resp: 106780
Ion Ratio Lower Upper
104 100
78 43.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 6.173 ug/L

RT: 10.239 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

GBBH3MS

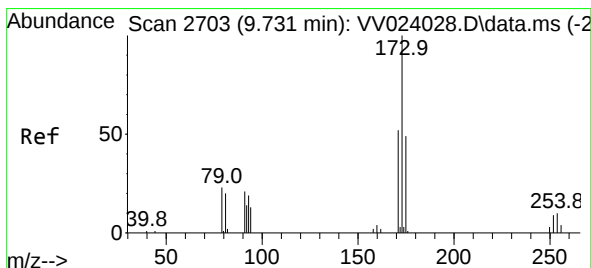
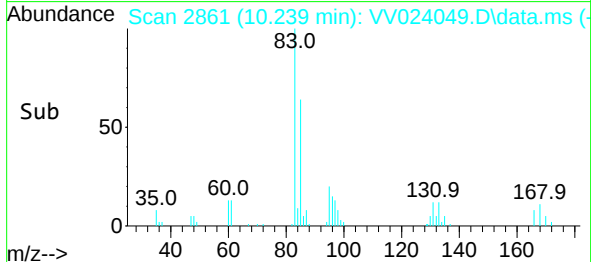
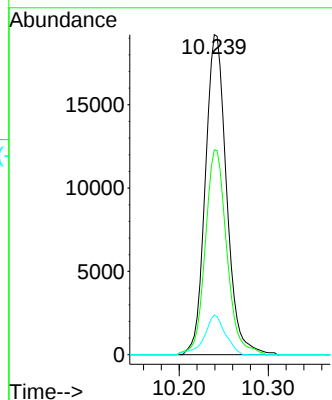
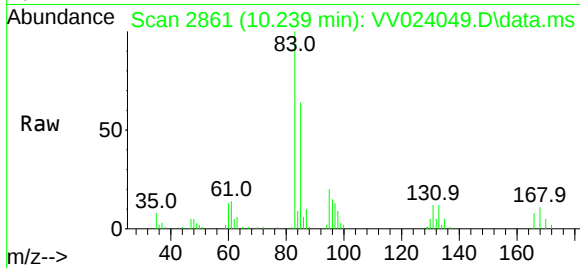
Tgt Ion: 83 Resp: 31763

Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

131 12.3 8.3 12.5



#59

Bromoform

Concen: 5.652 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

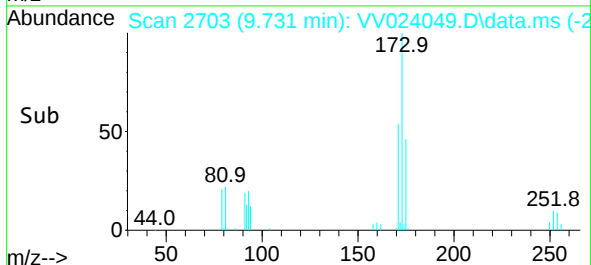
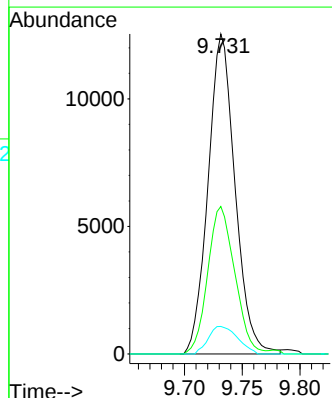
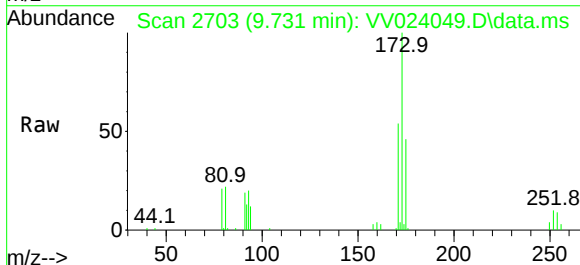
Tgt Ion: 173 Resp: 20381

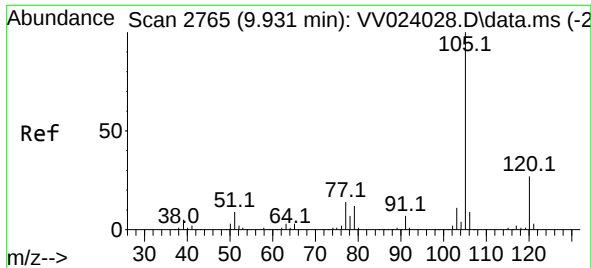
Ion Ratio Lower Upper

173 100

175 46.2 39.4 59.2

254 9.3 7.4 11.0

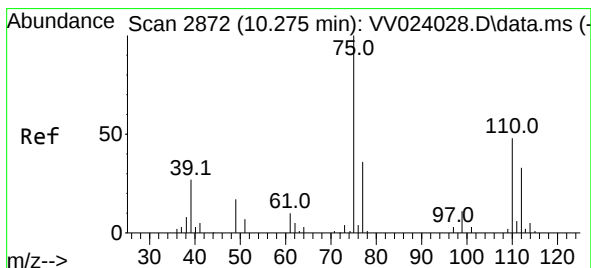
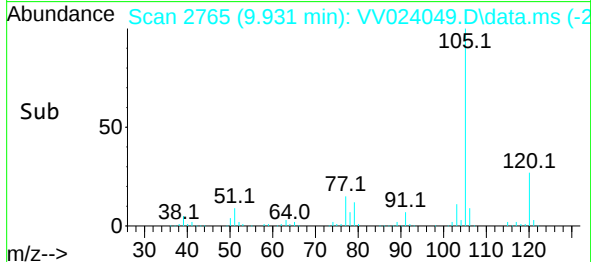
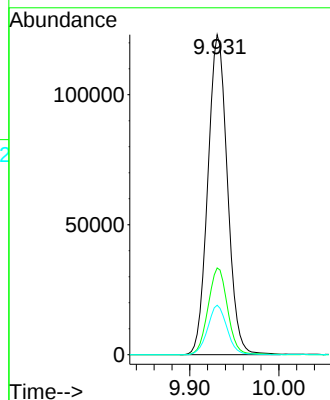
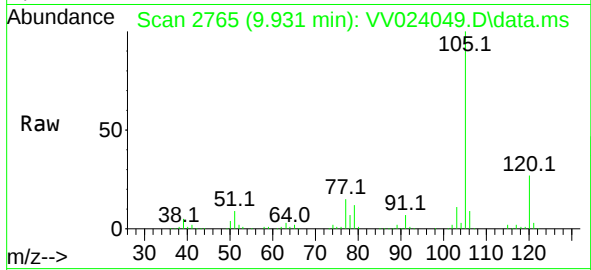




#60
Isopropylbenzene
Concen: 5.684 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

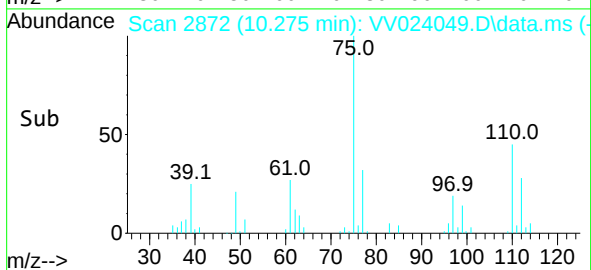
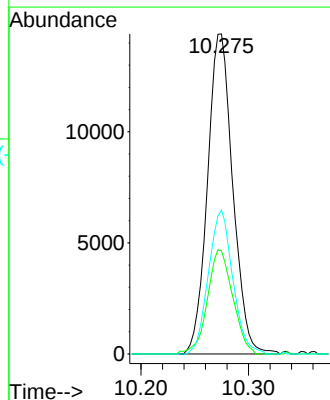
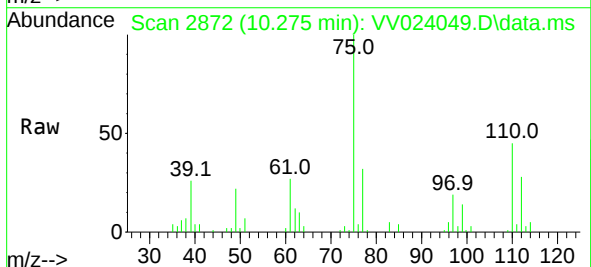
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

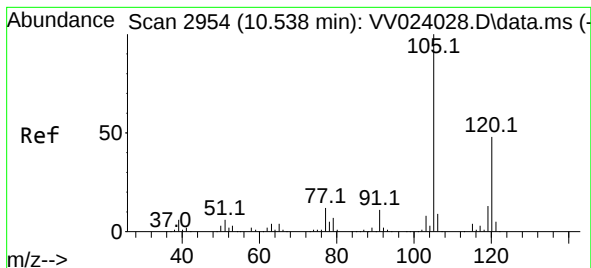
Tgt Ion:105 Resp: 187515
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 6.143 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 75 Resp: 23513
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 43.2 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.448 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

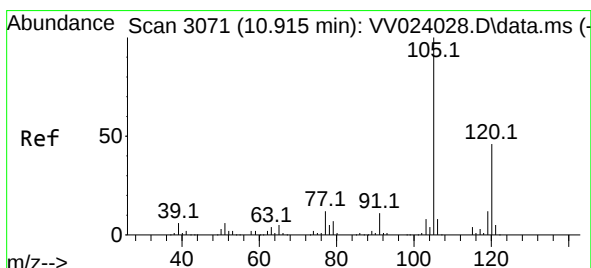
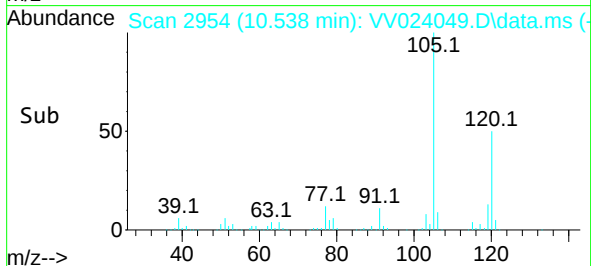
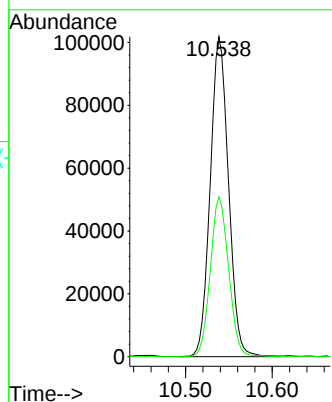
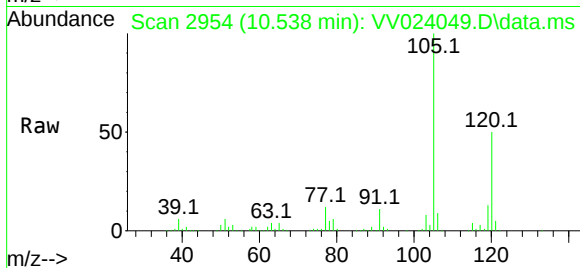
GBBH3MS

Tgt Ion:105 Resp: 149083

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.586 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024049.D

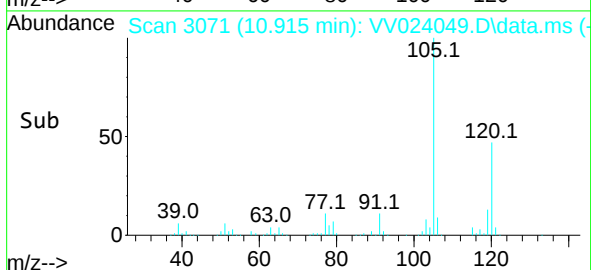
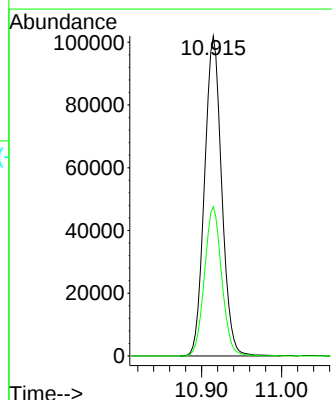
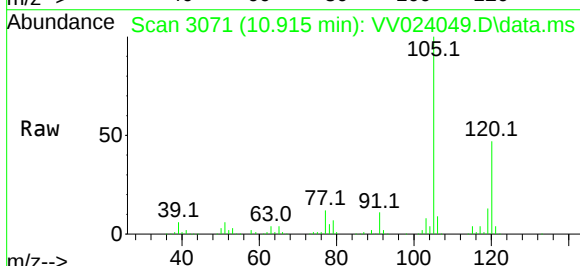
Acq: 17 Dec 2021 06:29

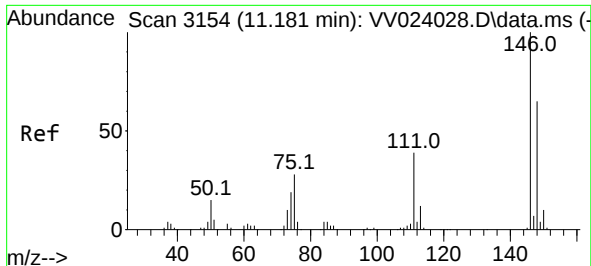
Tgt Ion:105 Resp: 152312

Ion Ratio Lower Upper

105 100

120 46.8 36.7 55.1

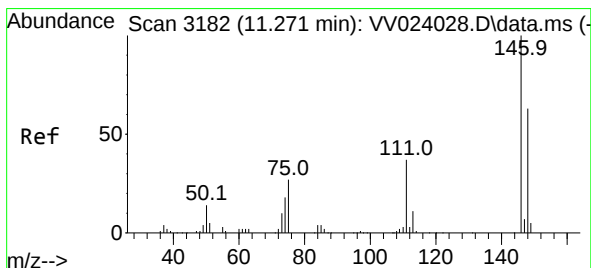
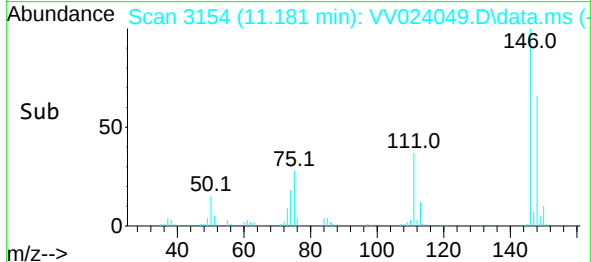
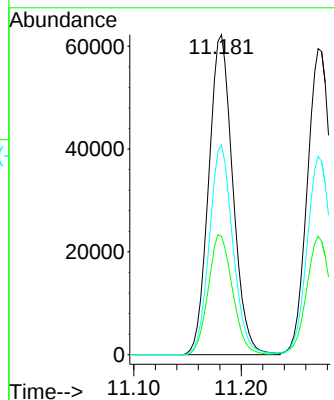
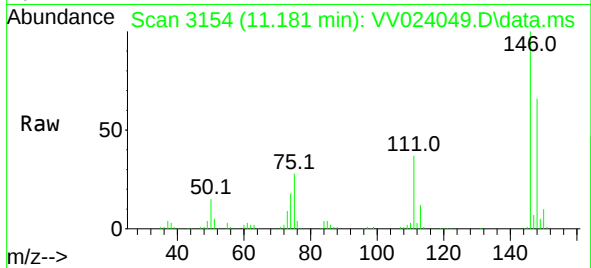




#64
1,3-Dichlorobenzene
Concen: 5.740 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

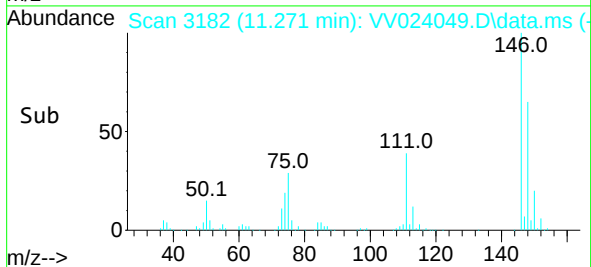
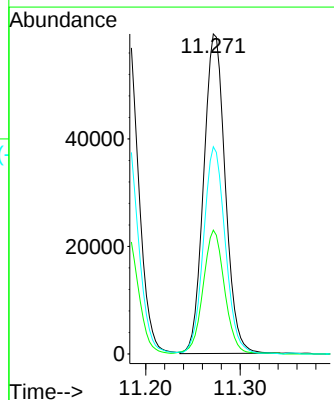
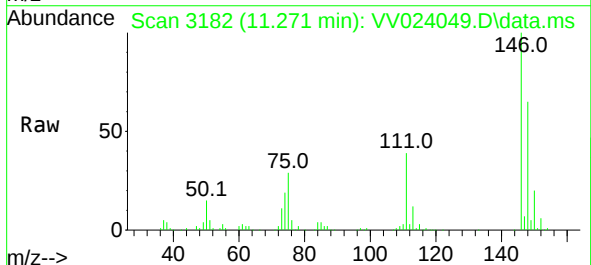
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

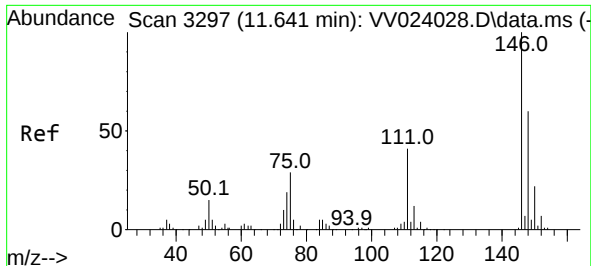
Tgt Ion:146 Resp: 96846
Ion Ratio Lower Upper
146 100
111 37.0 26.3 48.9
148 65.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.564 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion:146 Resp: 94287
Ion Ratio Lower Upper
146 100
111 38.7 25.6 47.6
148 64.8 44.8 83.2

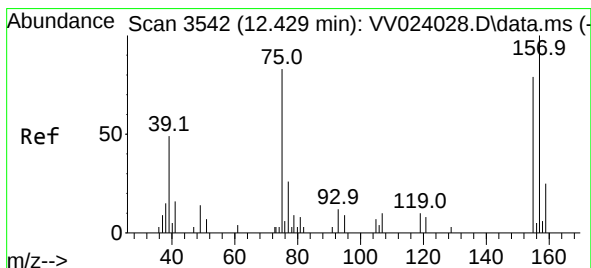
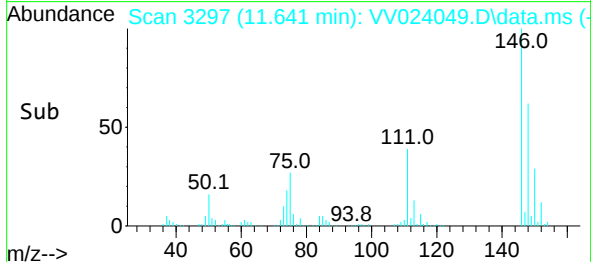
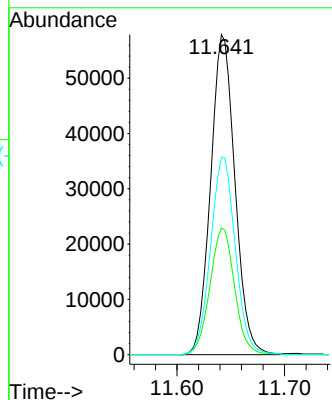
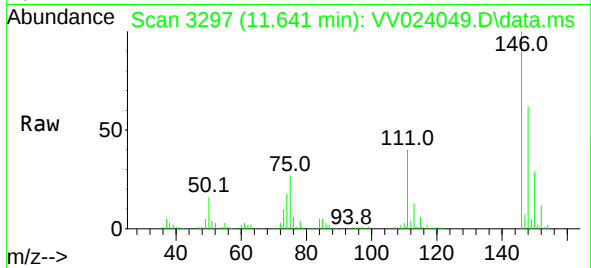




#67
1,2-Dichlorobenzene
Concen: 5.888 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

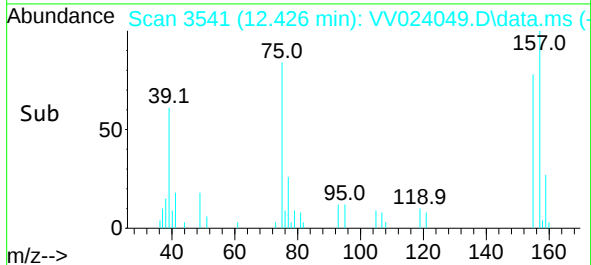
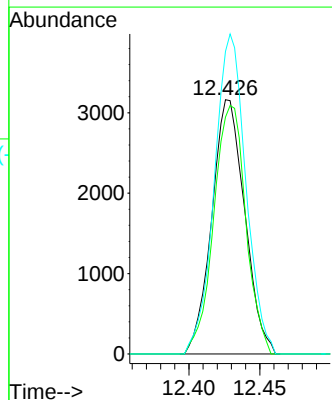
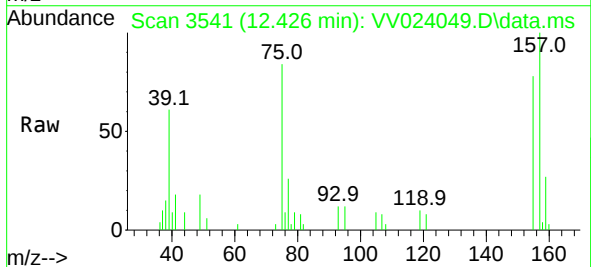
Instrument :
MSVOA_V
ClientSampleId :
GBBH3MS

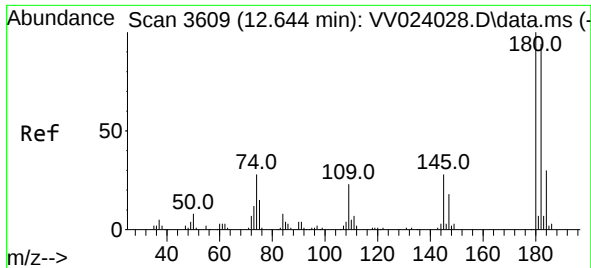
Tgt Ion:146 Resp: 91011
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 61.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 6.121 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024049.D
Acq: 17 Dec 2021 06:29

Tgt Ion: 75 Resp: 5117
Ion Ratio Lower Upper
75 100
155 93.1 71.7 107.5
157 119.0 103.3 154.9

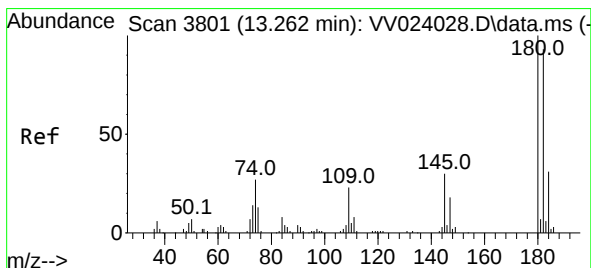
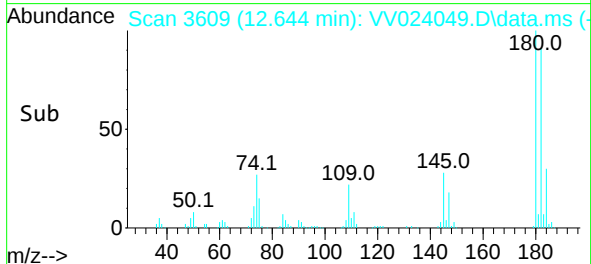
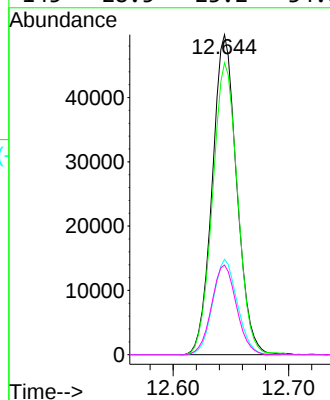
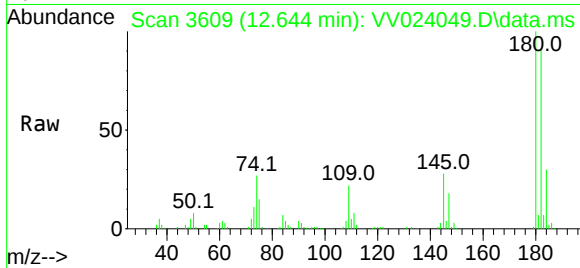




#69
 1,3,5-Trichlorobenzene
 Concen: 5.276 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

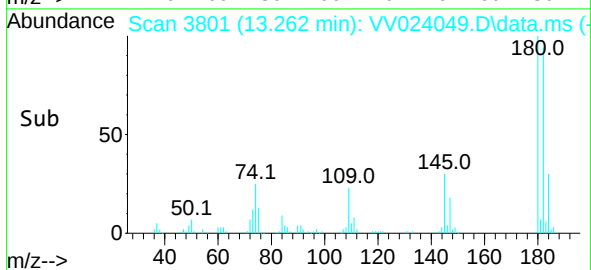
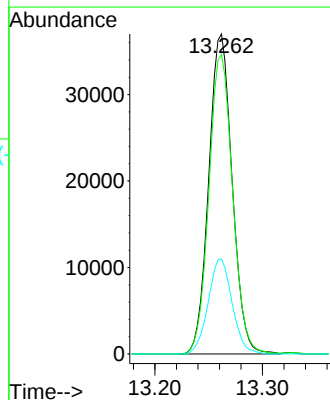
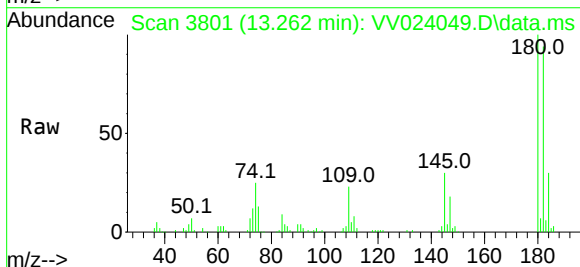
Instrument :
 MSVOA_V
 ClientSampleId :
 GBBH3MS

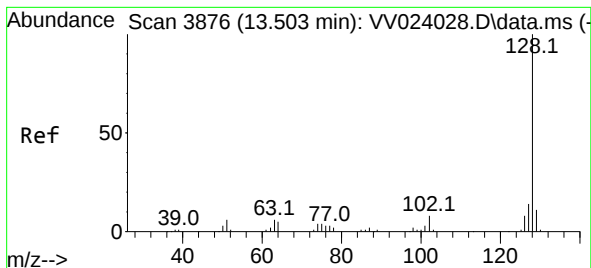
Tgt Ion:180	Resp:	73212
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.4 114.6
184	29.8	24.2 36.4
145	28.5	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.135 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV024049.D
 Acq: 17 Dec 2021 06:29

Tgt Ion:180	Resp:	55969
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.4 111.6
145	30.4	23.3 34.9





#71

Naphthalene

Concen: 5.456 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Instrument :

MSVOA_V

ClientSampleId :

GBBH3MS

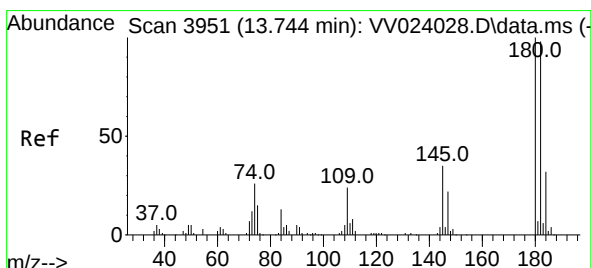
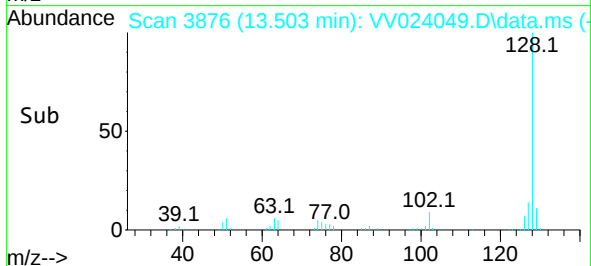
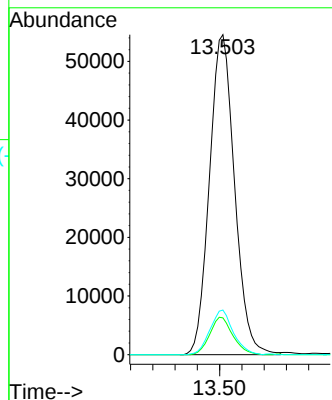
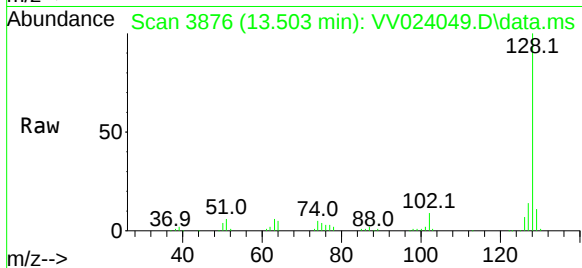
Tgt Ion:128 Resp: 85475

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.457 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024049.D

Acq: 17 Dec 2021 06:29

Tgt Ion:180 Resp: 52508

Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 30.7 25.8 38.6

