

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025031.D
 Acq On : 16 Mar 2022 05:05
 Operator : SY/MD
 Sample : N1933-02MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MS

Quant Time: Mar 16 06:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156615	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59143	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.571	69	45585	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.111	63	101321	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	3.892	46	94431	63.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.380%
24) Chloroform-d	4.349	84	107327	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.034	65	45750	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.053	84	217433	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	63939	5.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.317	98	200105	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.625	79	21306	4.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.088	63	78083	53.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39066	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61617	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71259	5.150	ug/L	97
3) Chloromethane	1.243	50	66842	5.122	ug/L	99
5) Vinyl chloride	1.314	62	71280	5.177	ug/L	99
6) Bromomethane	1.526	94	43867	4.930	ug/L	99
8) Chloroethane	1.587	64	41465	4.966	ug/L	97
9) Trichlorofluoromethane	1.754	101	96897	5.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	53432	5.262	ug/L	99
12) 1,1-Dichloroethene	2.121	96	52155	5.228	ug/L	94
13) Acetone	2.182	43	68567	68.609	ug/L	83
14) Carbon disulfide	2.298	76	177217	4.964	ug/L	100
15) Methyl Acetate	2.442	43	13317	4.864	ug/L	92
16) Methylene chloride	2.510	84	60614	5.014	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	112236	5.164	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	62008	5.164	ug/L	99
19) 1,1-Dichloroethane	3.195	63	107090	5.241	ug/L	100
21) 2-Butanone	3.976	43	98203	62.259	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	65052	5.366	ug/L	94
23) Bromochloromethane	4.253	128	25504	5.336	ug/L	96
25) Chloroform	4.378	83	123632	5.811	ug/L	98

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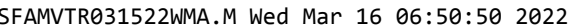
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 ClientSampleId :
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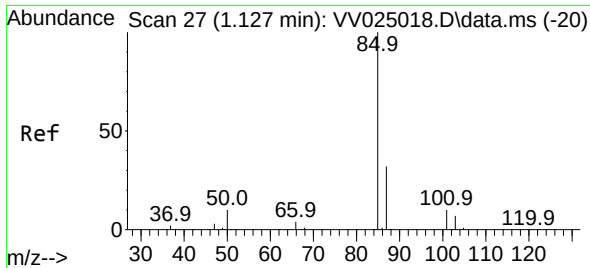
Quant Time: Mar 16 06:50:44 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	55233	5.221	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	97331	5.187	ug/L	98
30) Cyclohexane	4.677	56	92364	5.059	ug/L	100
31) Carbon tetrachloride	4.831	117	92140	5.723	ug/L	99
33) Benzene	5.101	78	249728	5.218	ug/L	100
34) Trichloroethene	5.915	95	68072	5.342	ug/L	99
35) Methylcyclohexane	6.133	83	100310	4.973	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59907	5.447	ug/L	99
38) Bromodichloromethane	6.510	83	72322	5.200	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	75317	4.932	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	248048	54.811	ug/L	96
42) Toluene	7.387	91	267328	5.337	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	59741	4.972	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	39180	5.334	ug/L	99
47) Tetrachloroethene	7.976	164	46587	5.197	ug/L	98
48) 2-Hexanone	8.137	43	172995	53.920	ug/L	99
49) Dibromochloromethane	8.246	129	41753	5.078	ug/L	100
50) 1,2-Dibromoethane	8.352	107	35579	5.292	ug/L	100
51) Chlorobenzene	8.879	112	162094	5.168	ug/L	98
52) Ethylbenzene	9.011	91	281064	5.305	ug/L	99
53) m,p-xylene	9.137	106	108006	5.293	ug/L	99
54) o-xylene	9.542	106	101908	5.223	ug/L	94
55) Styrene	9.561	104	166302	5.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40557	5.632	ug/L	96
59) Bromoform	9.731	173	18084	4.661	ug/L	100
60) Isopropylbenzene	9.931	105	277846	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30861	5.094	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	123299	5.001	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	222664	5.100	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121301	5.147	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	117836	4.960	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	105402	5.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5250	5.055	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	80996	4.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62322	4.805	ug/L	97
71) Naphthalene	13.500	128	102090	4.740	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	54073	4.920	ug/L	98

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

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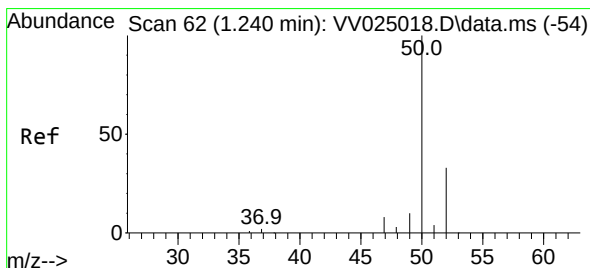
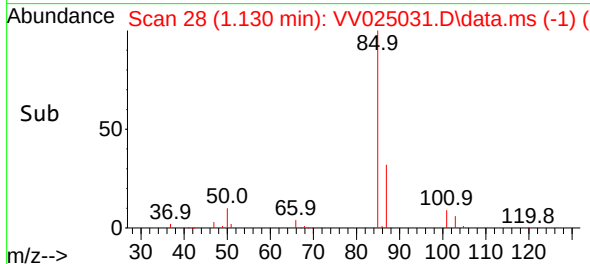
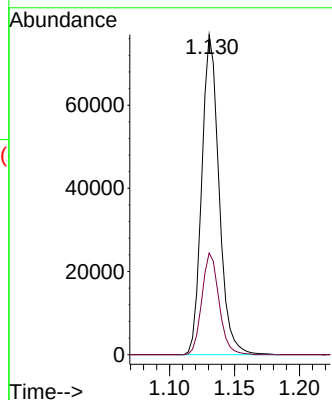
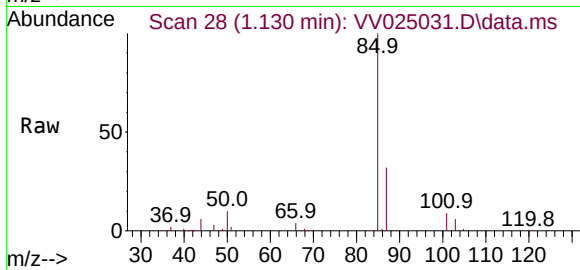




#2
 Dichlorodifluoromethane
 Concen: 5.150 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

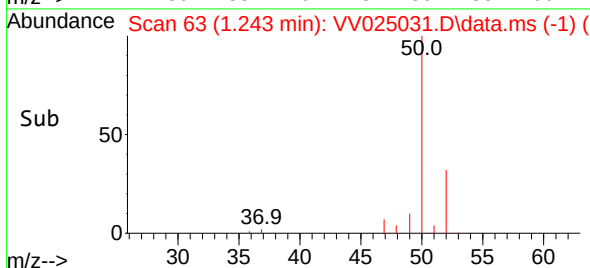
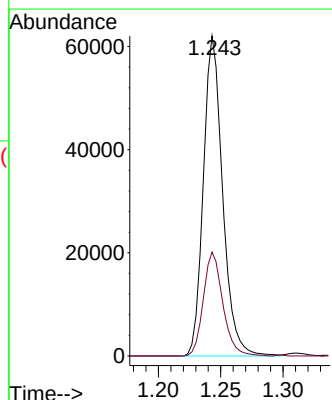
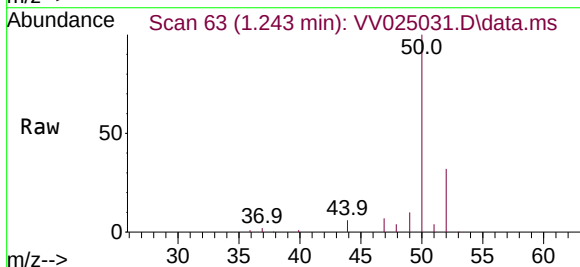
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MS

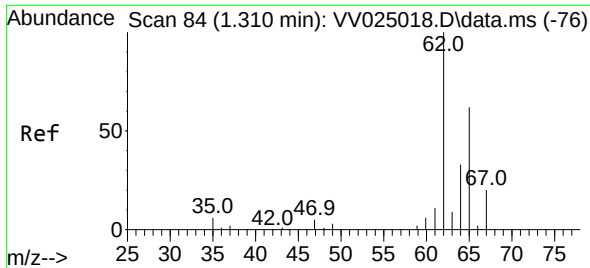
Tgt Ion: 85 Resp: 71259
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.7 40.1



#3
 Chloromethane
 Concen: 5.122 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

Tgt Ion: 50 Resp: 66842
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2

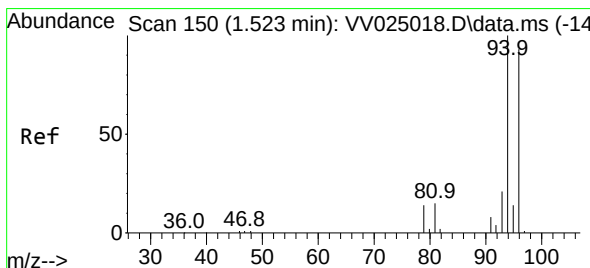
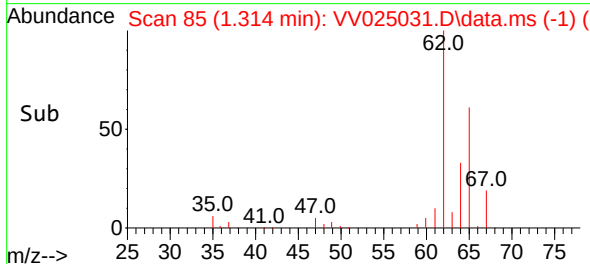
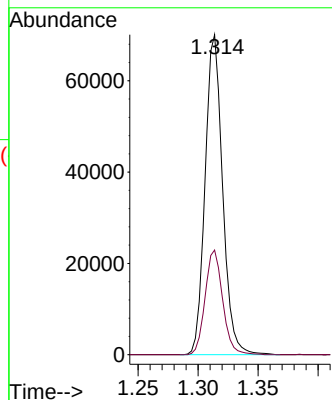
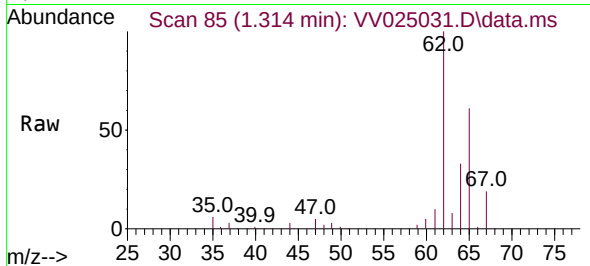




#5
 Vinyl chloride
 Concen: 5.177 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

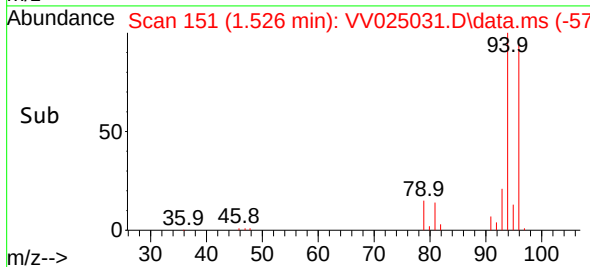
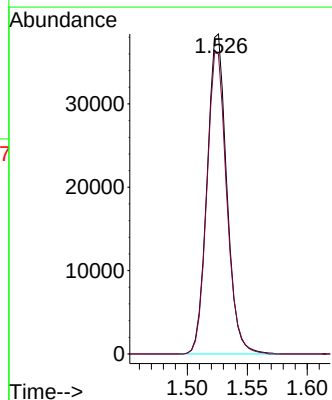
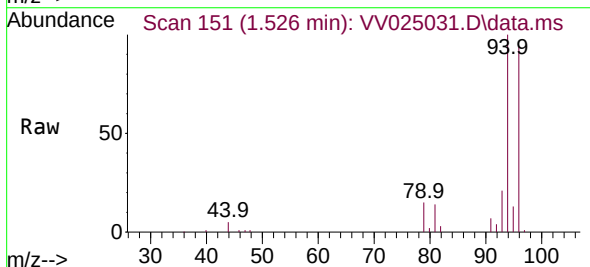
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 ClientSampleId :
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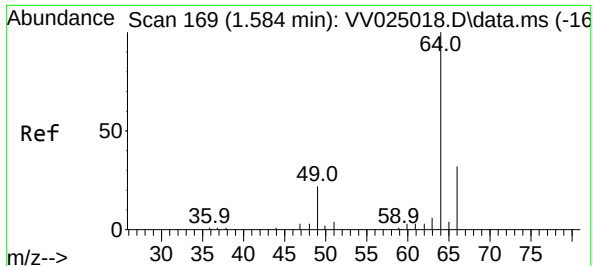
Tgt Ion: 62 Resp: 71280
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.930 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

Tgt Ion: 94 Resp: 43867
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.9 120.5

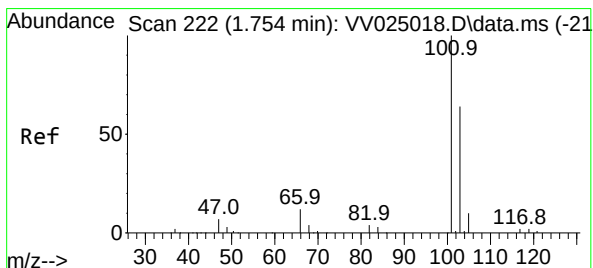
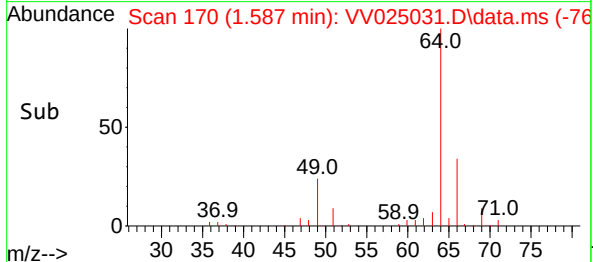
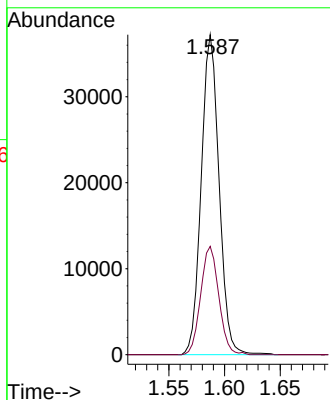
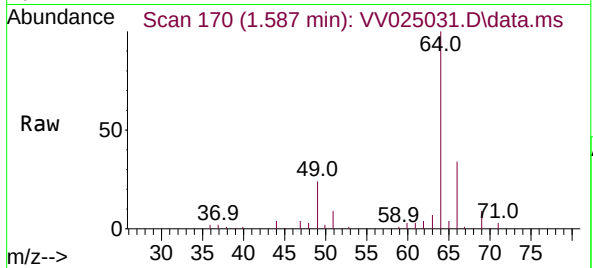




#8
Chloroethane
Concen: 4.966 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

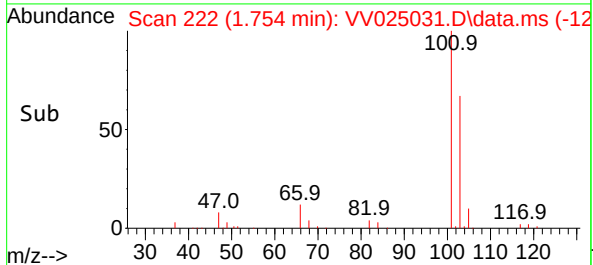
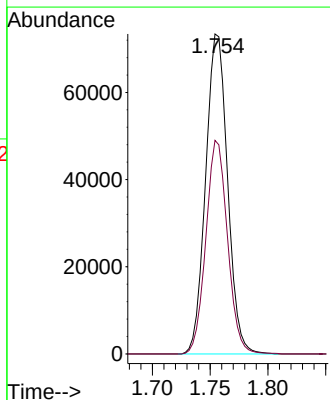
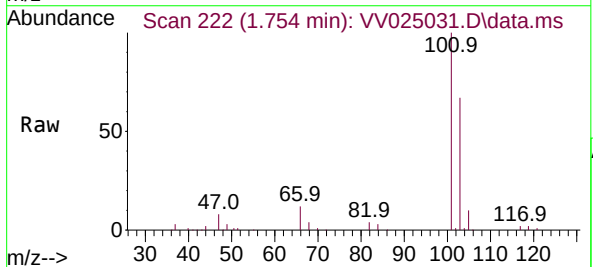
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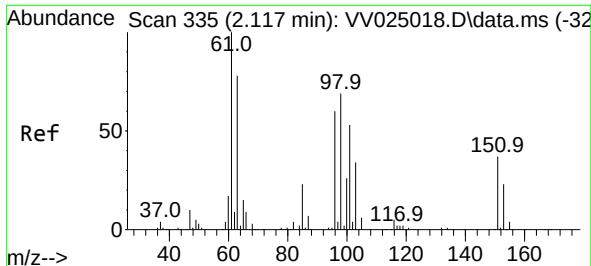
Tgt Ion: 64 Resp: 41465
Ion Ratio Lower Upper
64 100
66 33.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.174 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion:101 Resp: 96897
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

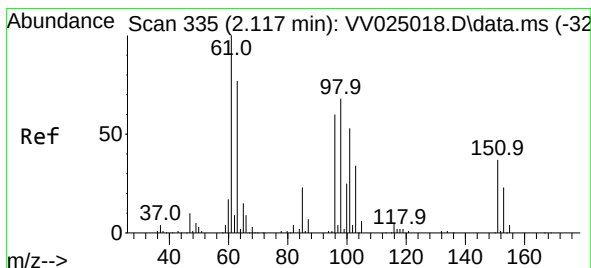
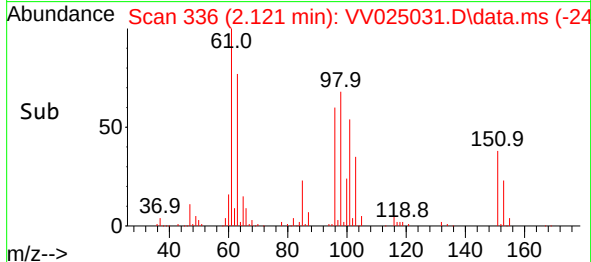
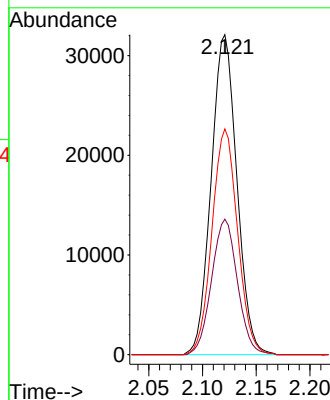
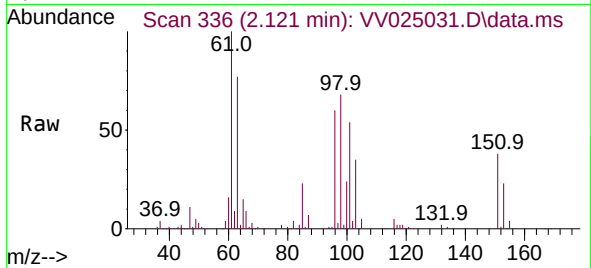




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.262 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

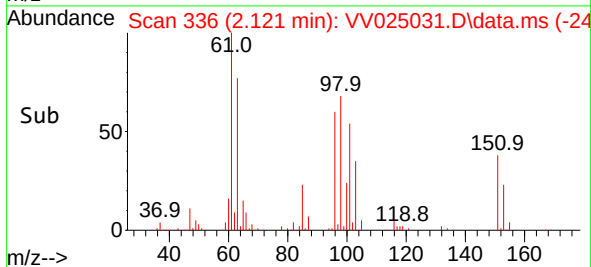
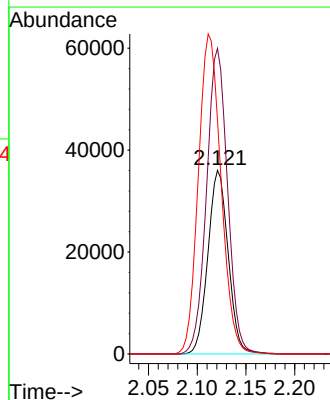
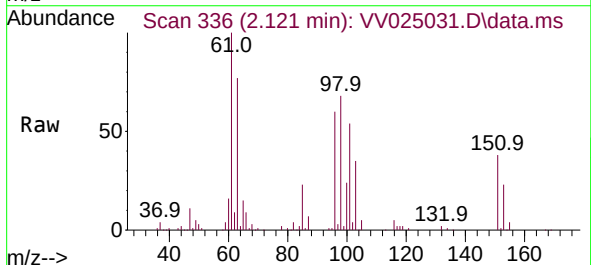
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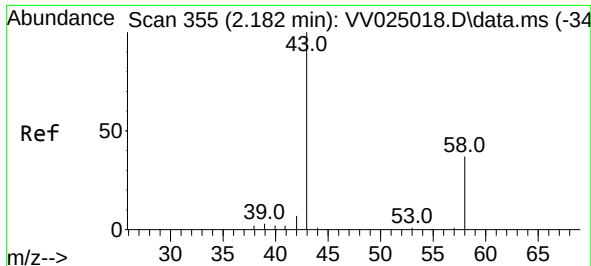
Tgt Ion:101 Resp: 53432
Ion Ratio Lower Upper
101 100
85 42.6 34.8 52.2
151 70.2 55.6 83.4



#12
1,1-Dichloroethene
Concen: 5.228 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 96 Resp: 52155
Ion Ratio Lower Upper
96 100
61 166.5 113.0 209.9
63 127.5 82.1 152.5





#13

Acetone

Concen: 68.609 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

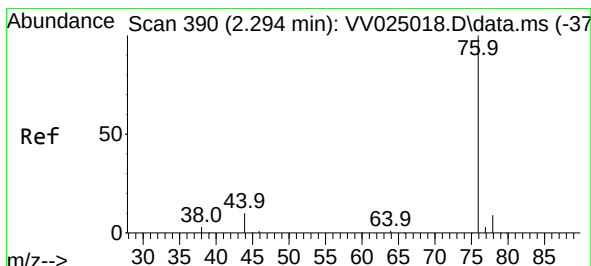
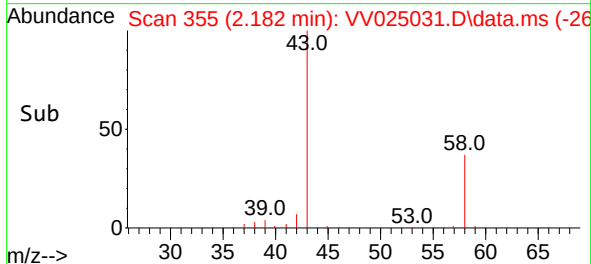
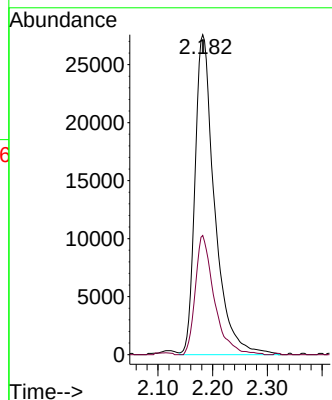
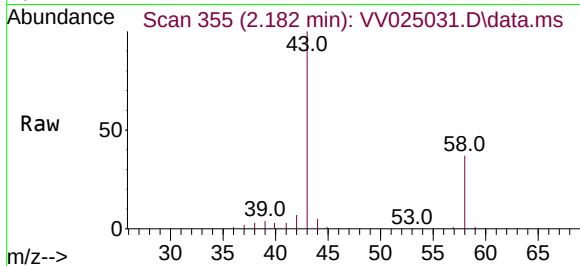
GBDB4MS

Tgt Ion: 43 Resp: 68567

Ion Ratio Lower Upper

43 100

58 36.0 0.0 54.2



#14

Carbon disulfide

Concen: 4.964 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025031.D

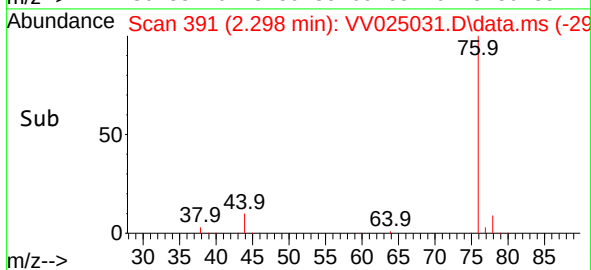
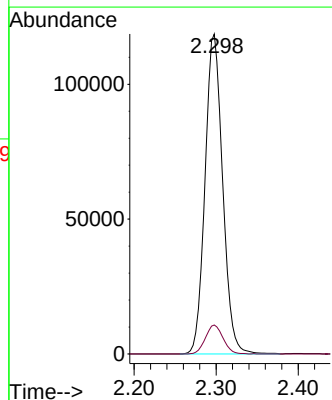
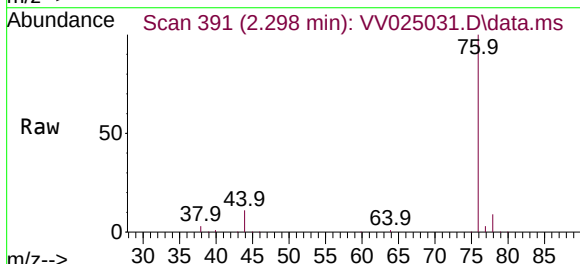
Acq: 16 Mar 2022 05:05

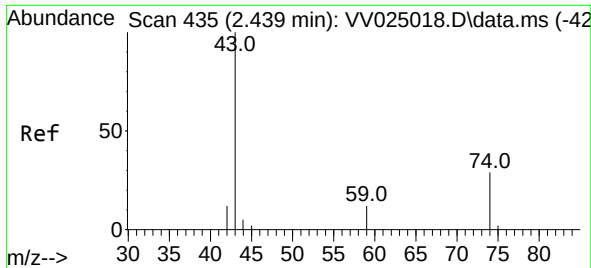
Tgt Ion: 76 Resp: 177217

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 4.864 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

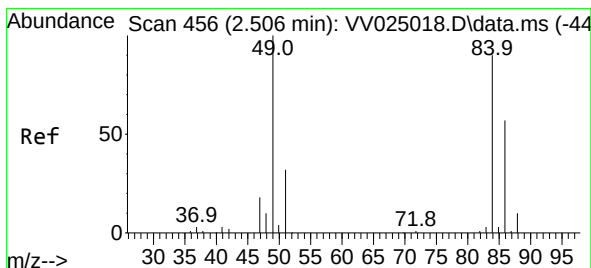
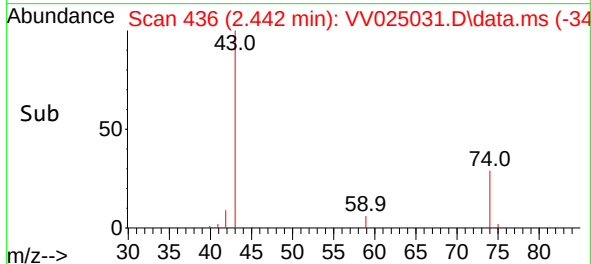
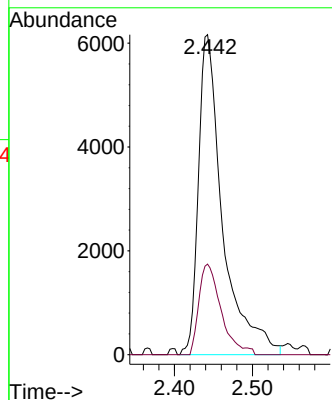
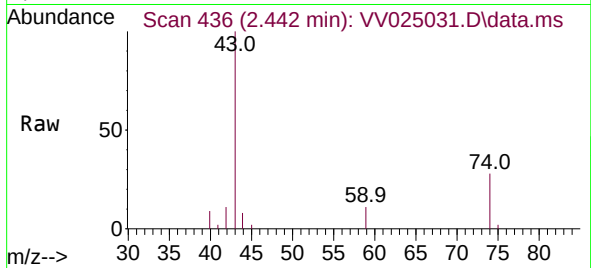
GBDB4MS

Tgt Ion: 43 Resp: 13317

Ion Ratio Lower Upper

43 100

74 25.9 24.2 36.4



#16

Methylene chloride

Concen: 5.014 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

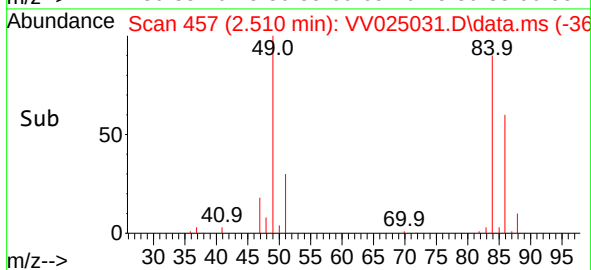
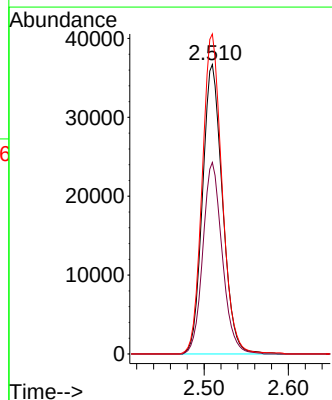
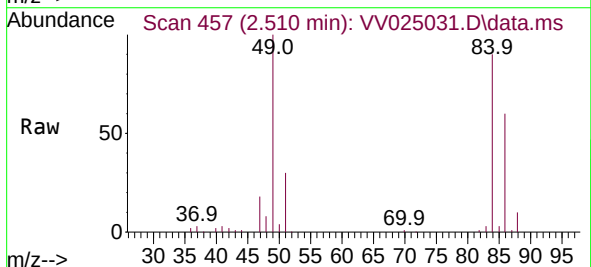
Tgt Ion: 84 Resp: 60614

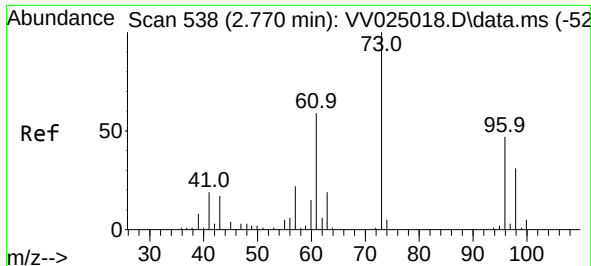
Ion Ratio Lower Upper

84 100

86 66.2 45.5 84.5

49 110.5 75.0 139.2





#17

Methyl tert-butyl Ether

Concen: 5.164 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

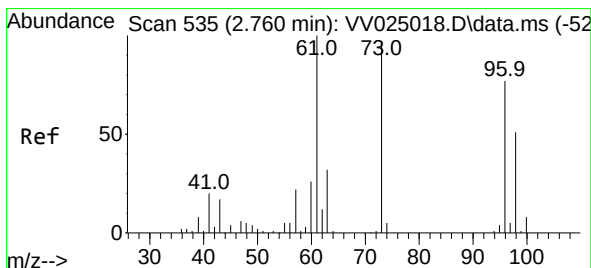
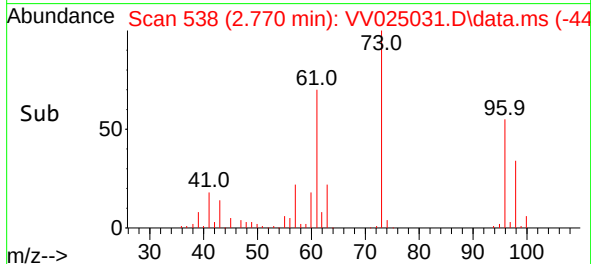
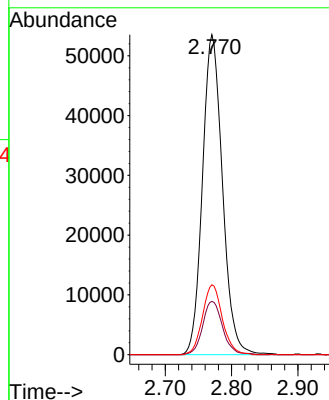
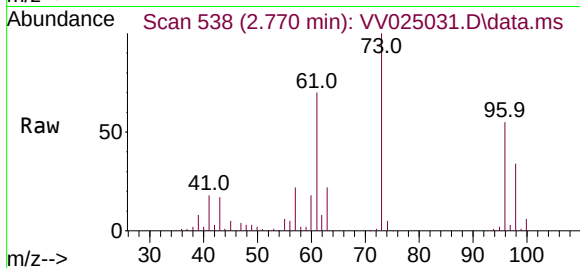
Tgt Ion: 73 Resp: 112236

Ion Ratio Lower Upper

73 100

43 16.6 13.2 19.8

57 21.7 16.7 25.1



#18

trans-1,2-Dichloroethene

Concen: 5.164 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

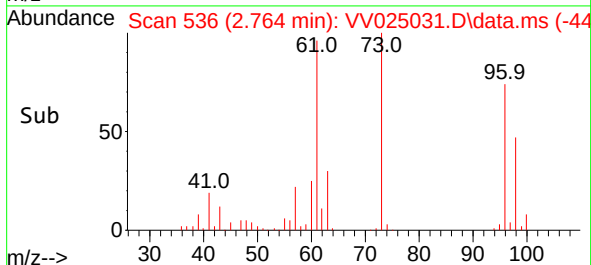
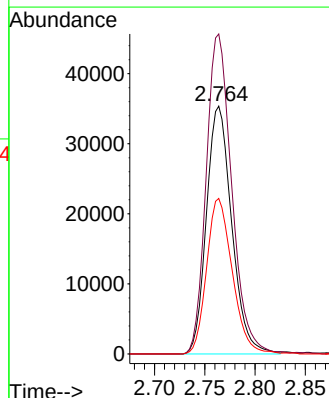
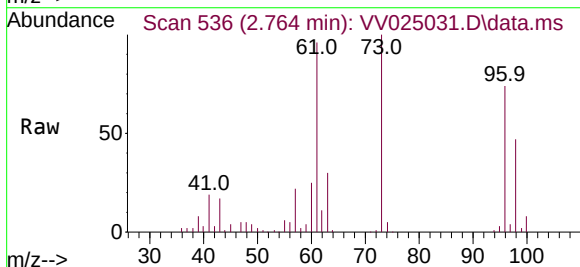
Tgt Ion: 96 Resp: 62008

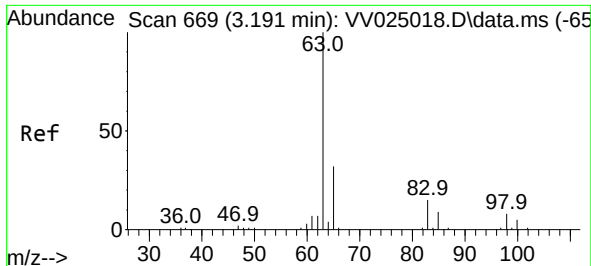
Ion Ratio Lower Upper

96 100

61 129.1 89.2 165.6

98 62.8 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.241 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

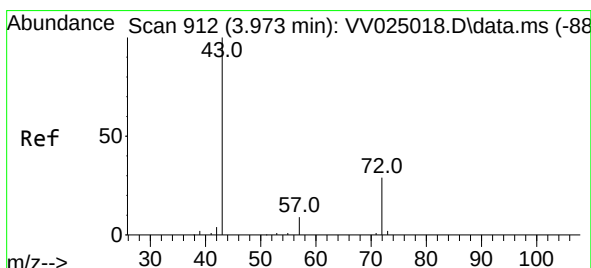
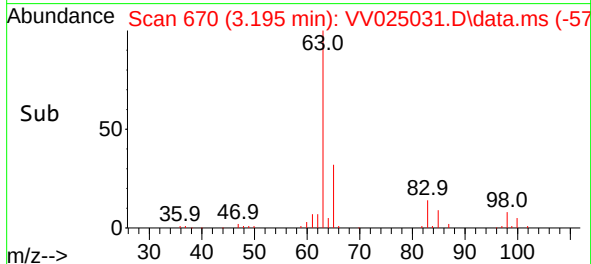
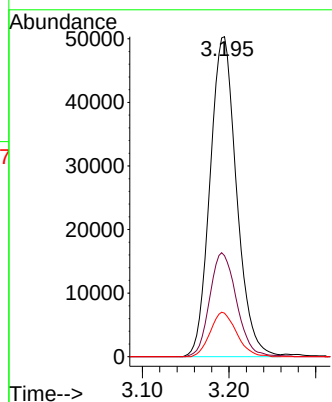
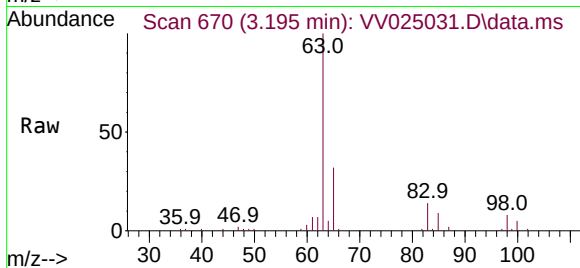
Tgt Ion: 63 Resp: 107090

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.6 9.4 17.4



#21

2-Butanone

Concen: 62.259 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV025031.D

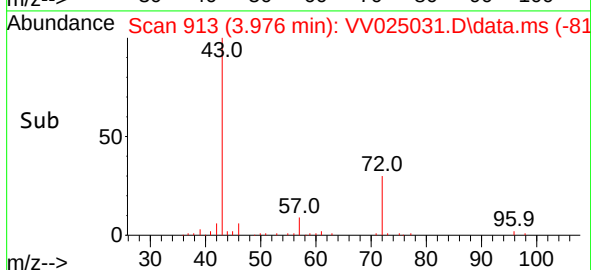
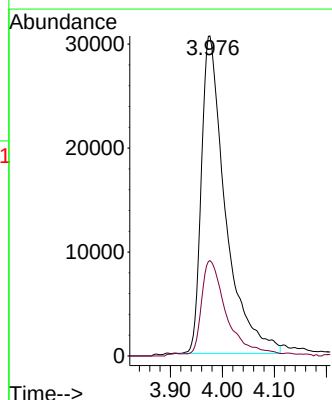
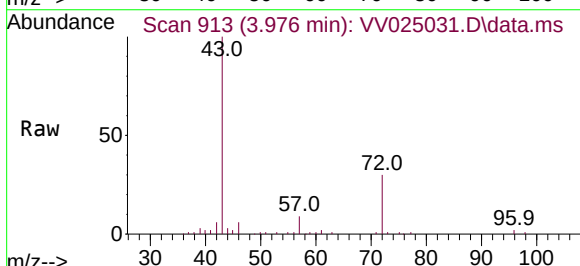
Acq: 16 Mar 2022 05:05

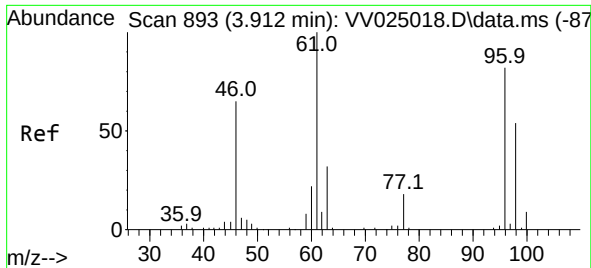
Tgt Ion: 43 Resp: 98203

Ion Ratio Lower Upper

43 100

72 30.1 10.4 31.2

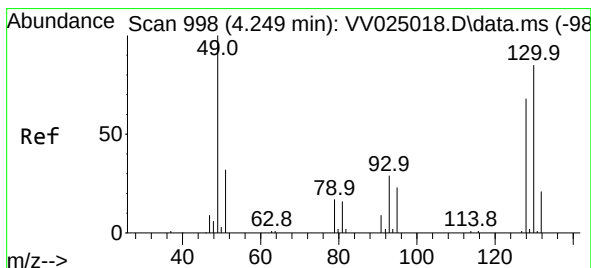
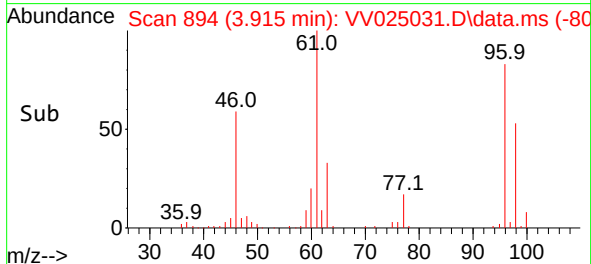
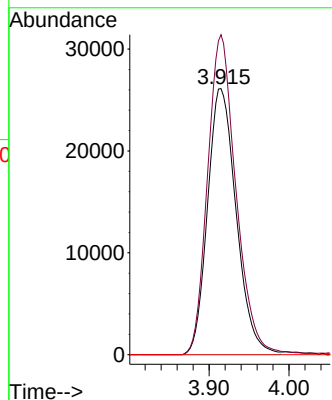
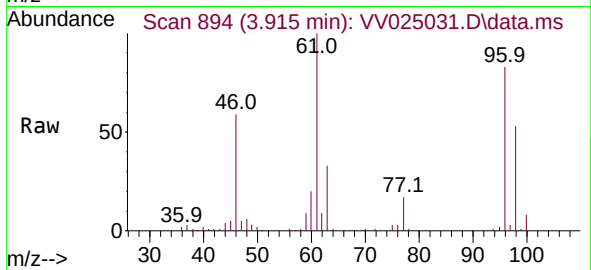




#22
 cis-1,2-Dichloroethene
 Concen: 5.366 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

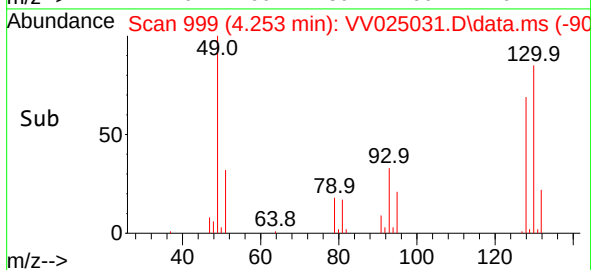
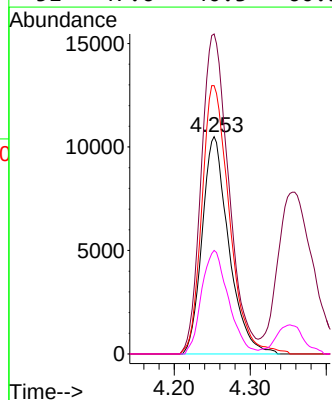
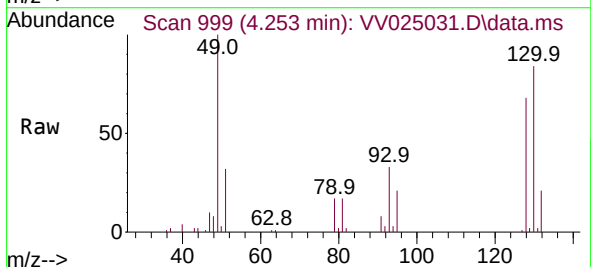
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MS

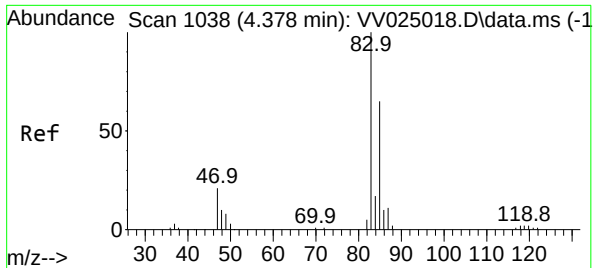
Tgt Ion: 96 Resp: 65052
 Ion Ratio Lower Upper
 96 100
 61 120.3 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.336 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

Tgt Ion: 128 Resp: 25504
 Ion Ratio Lower Upper
 128 100
 49 147.3 107.5 199.7
 130 123.5 89.4 166.0
 51 47.6 40.3 60.5

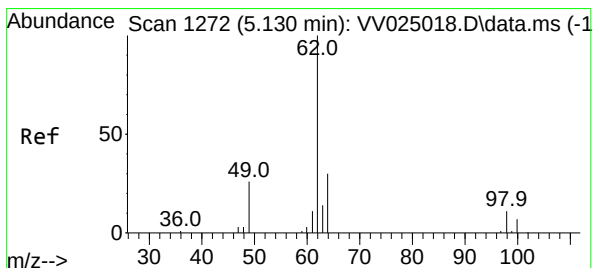
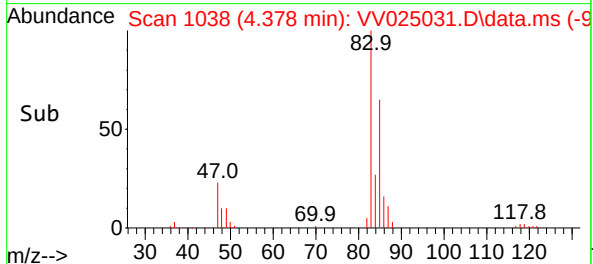
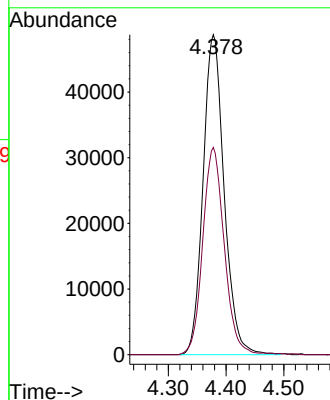
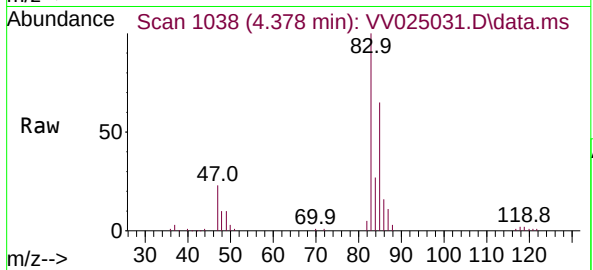




#25
Chloroform
Concen: 5.811 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

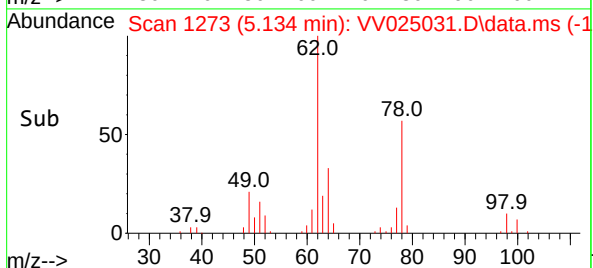
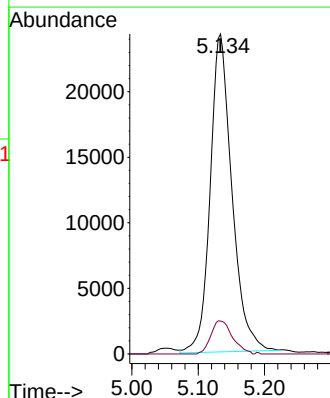
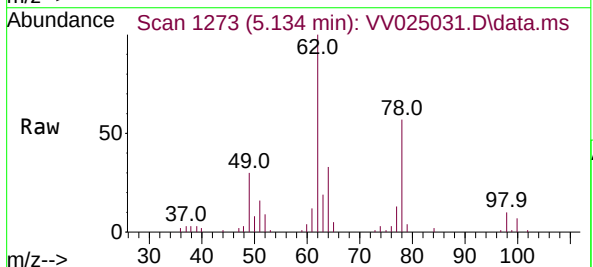
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

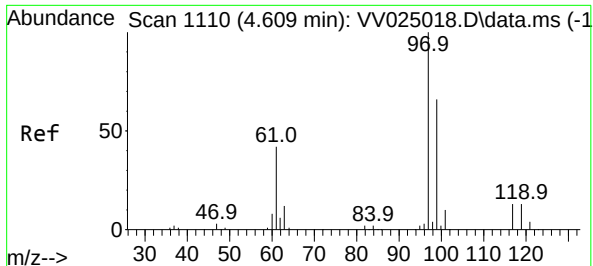
Tgt Ion: 83 Resp: 123632
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.221 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 62 Resp: 55233
Ion Ratio Lower Upper
62 100
98 10.3 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.187 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

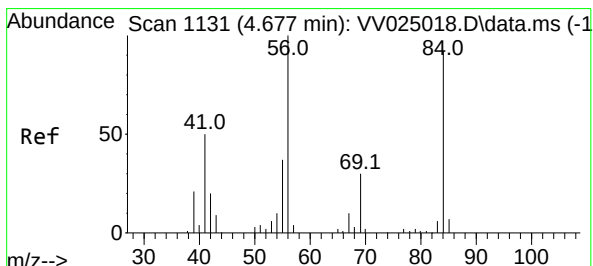
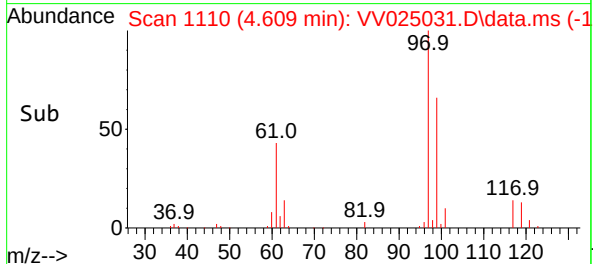
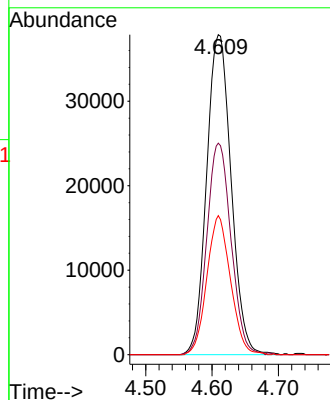
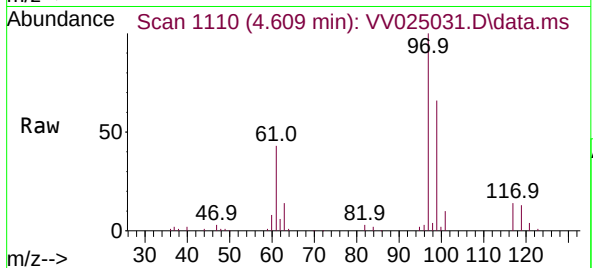
Tgt Ion: 97 Resp: 97331

Ion Ratio Lower Upper

97 100

99 65.3 50.7 76.1

61 41.8 32.4 48.6



#30

Cyclohexane

Concen: 5.059 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

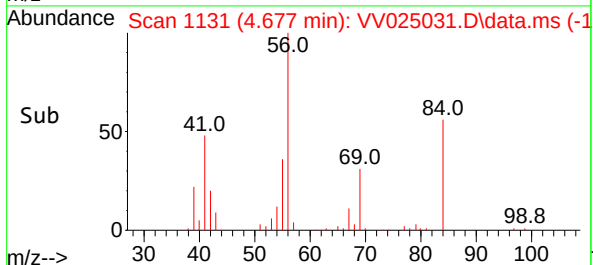
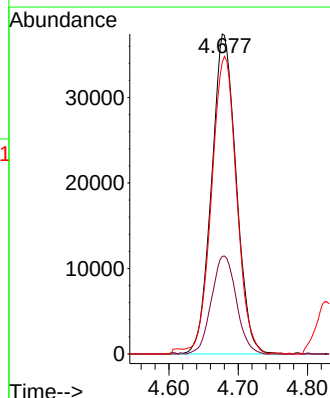
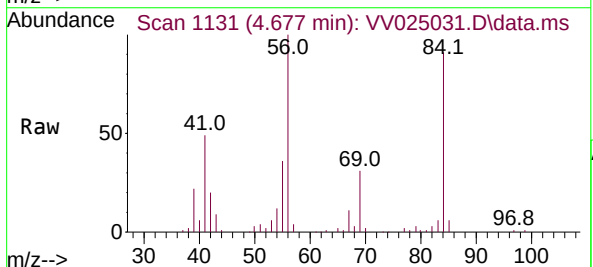
Tgt Ion: 56 Resp: 92364

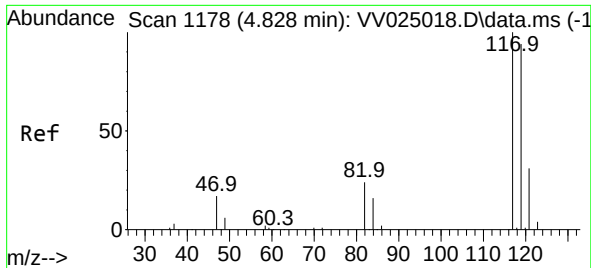
Ion Ratio Lower Upper

56 100

69 30.9 24.9 37.3

84 94.5 75.9 113.9

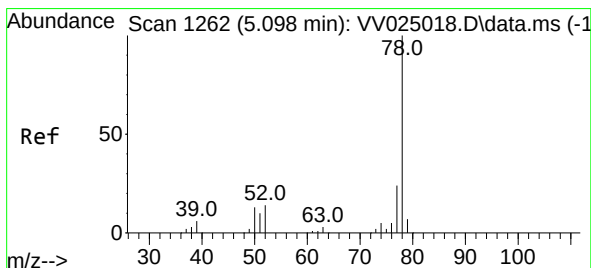
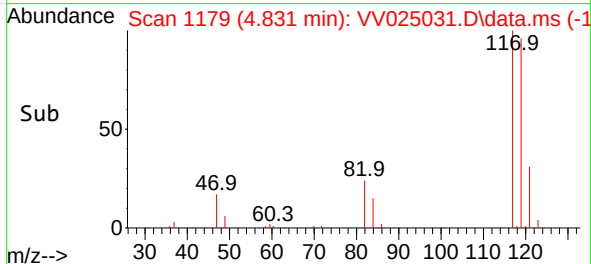
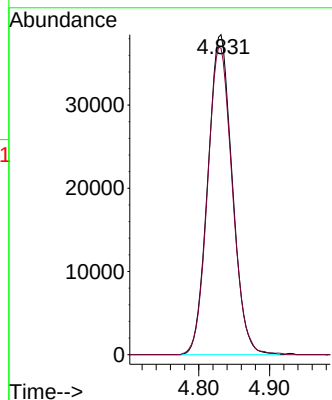
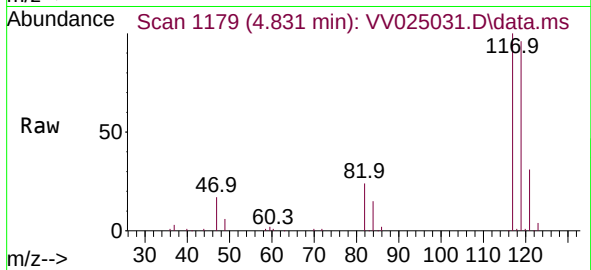




#31
Carbon tetrachloride
Concen: 5.723 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

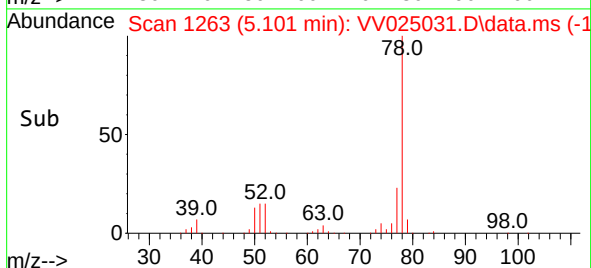
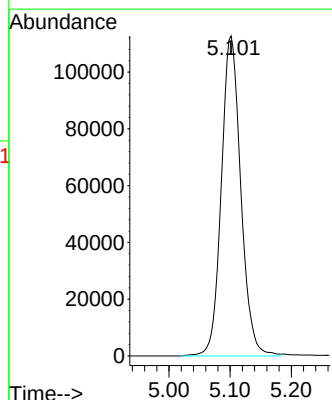
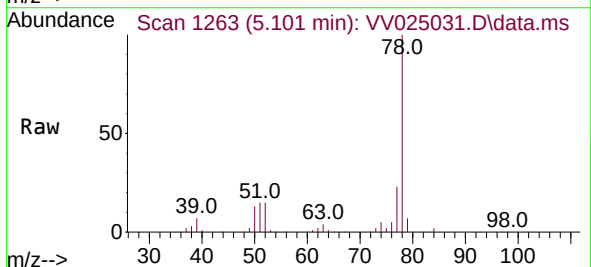
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

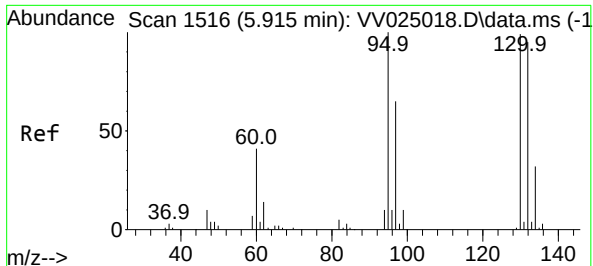
Tgt Ion:117 Resp: 92140
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2



#33
Benzene
Concen: 5.218 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 78 Resp: 249728





#34

Trichloroethene

Concen: 5.342 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

Tgt Ion: 95 Resp: 68072

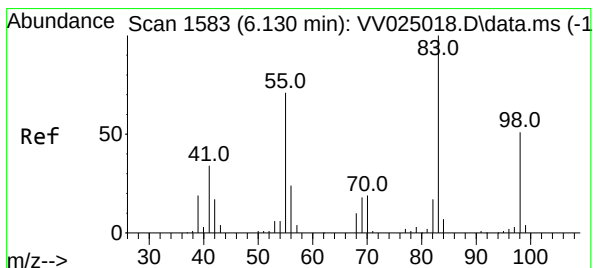
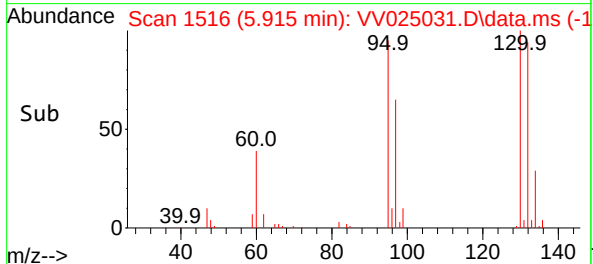
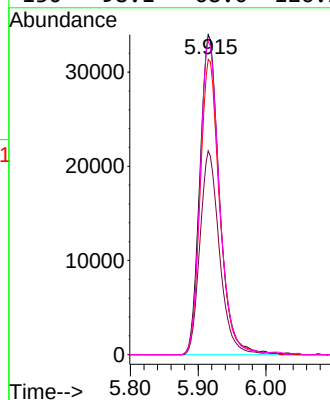
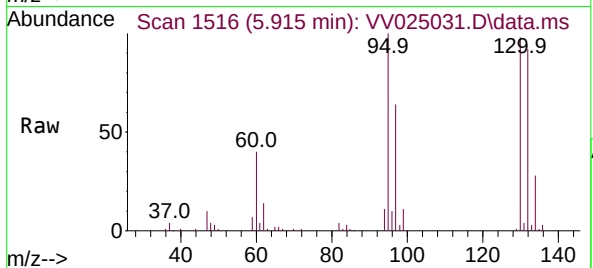
Ion Ratio Lower Upper

95 100

97 63.7 44.5 82.7

132 92.2 66.5 123.5

130 98.1 68.0 126.2



#35

Methylcyclohexane

Concen: 4.973 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

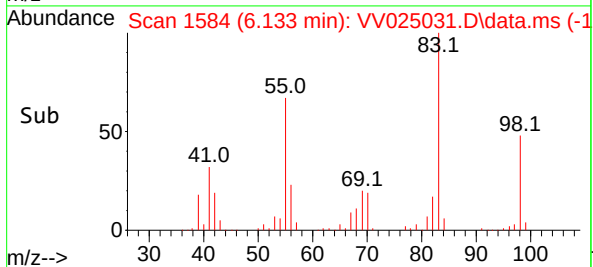
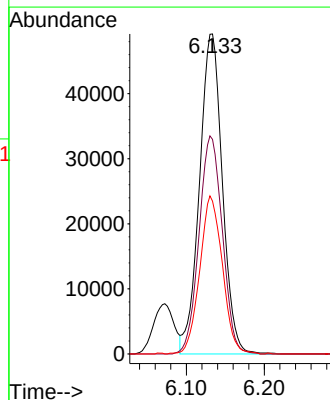
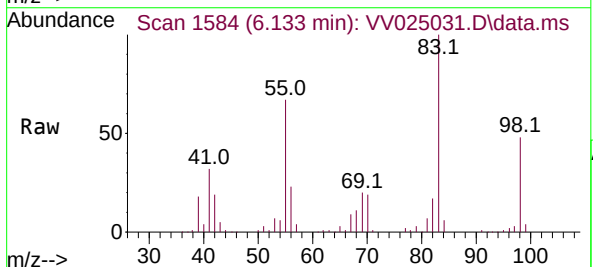
Tgt Ion: 83 Resp: 100310

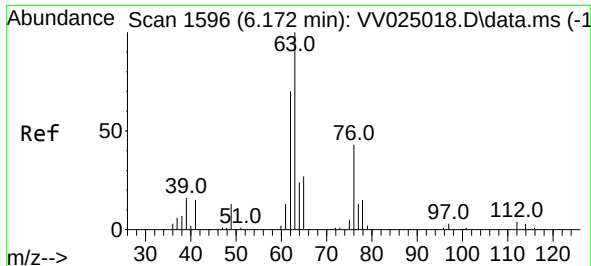
Ion Ratio Lower Upper

83 100

55 69.3 55.4 83.0

98 48.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.447 ug/L

RT: 6.175 min Scan# 1596

Delta R.T. 0.003 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

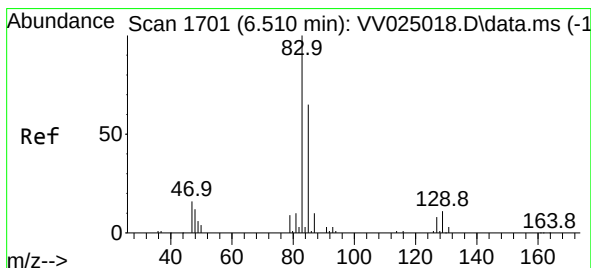
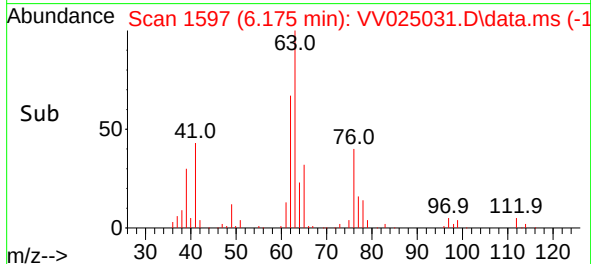
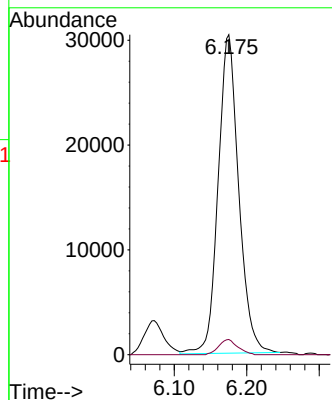
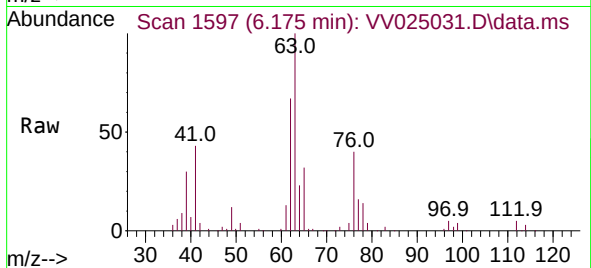
GBDB4MS

Tgt Ion: 63 Resp: 59907

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 5.200 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

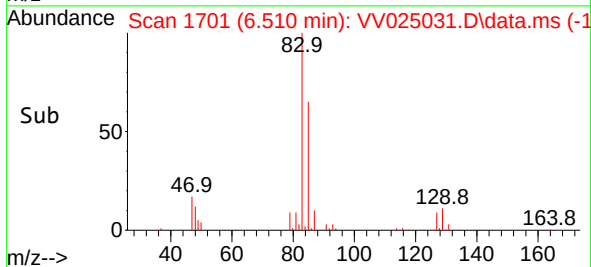
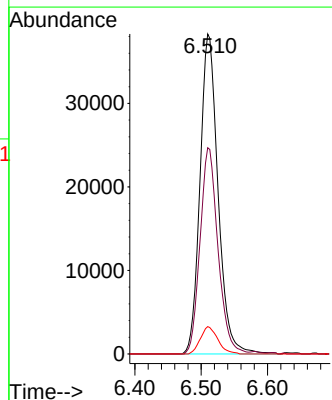
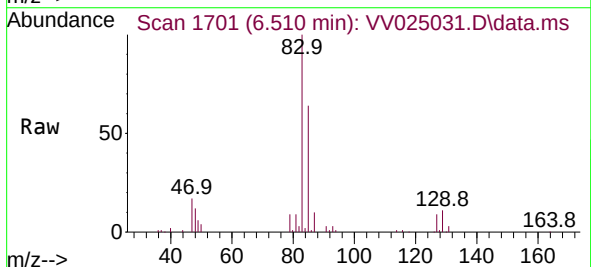
Tgt Ion: 83 Resp: 72322

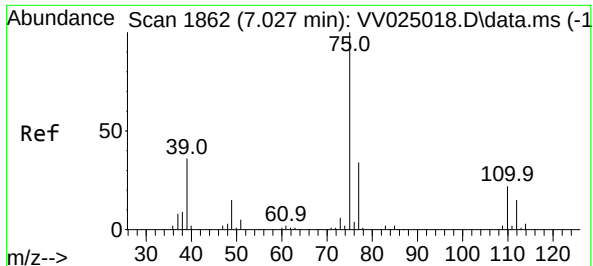
Ion Ratio Lower Upper

83 100

85 64.5 44.8 83.2

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.932 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

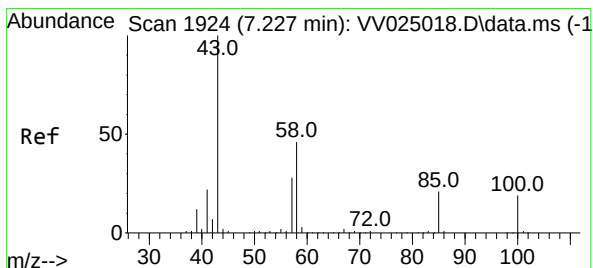
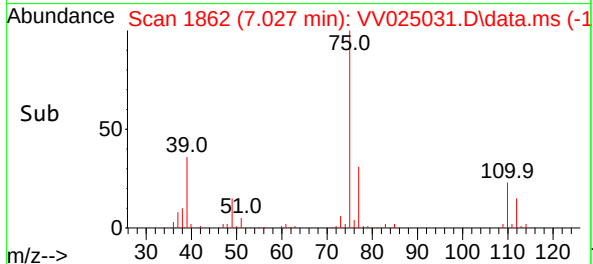
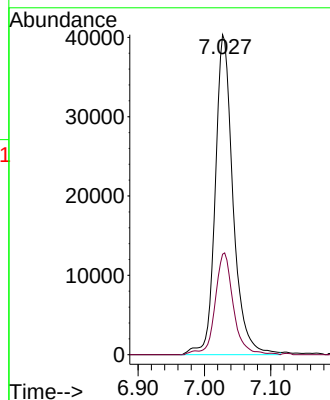
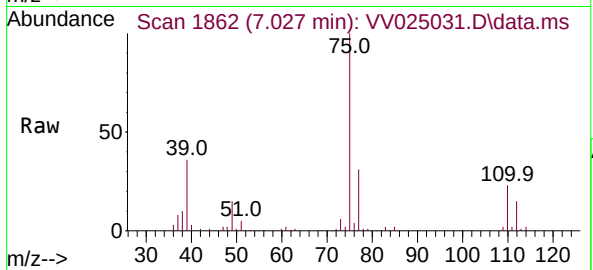
GBDB4MS

Tgt Ion: 75 Resp: 75317

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.811 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

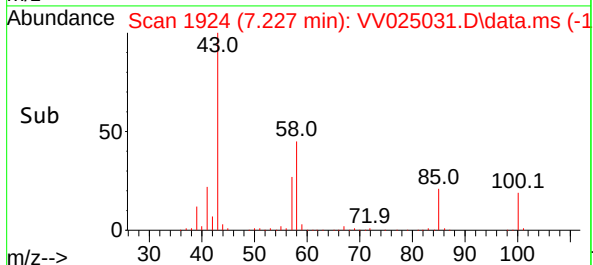
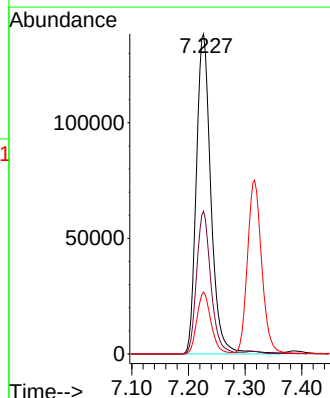
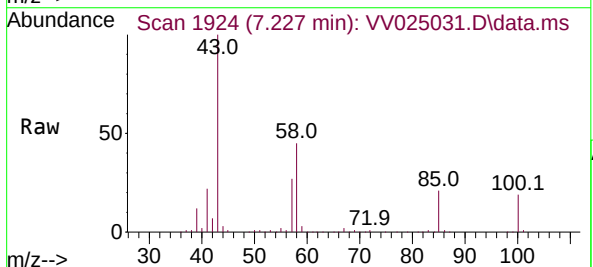
Tgt Ion: 43 Resp: 248048

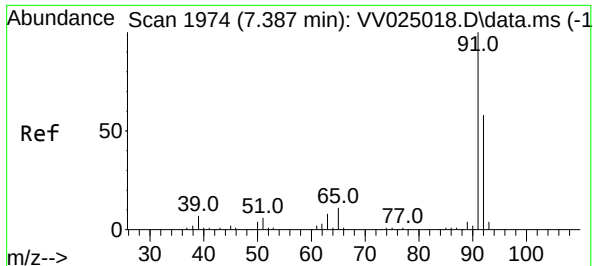
Ion Ratio Lower Upper

43 100

58 43.4 36.6 55.0

100 18.6 13.8 20.8





#42

Toluene

Concen: 5.337 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

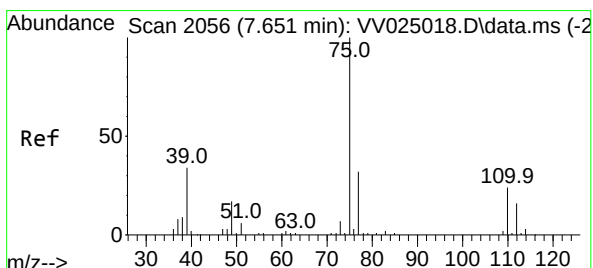
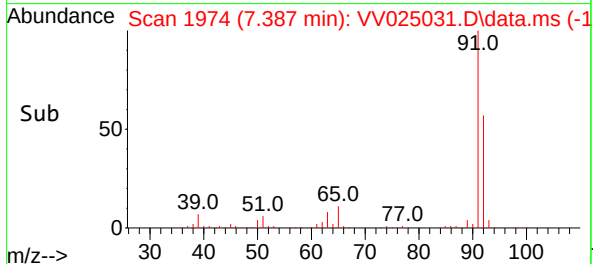
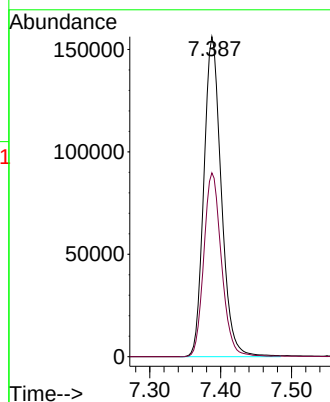
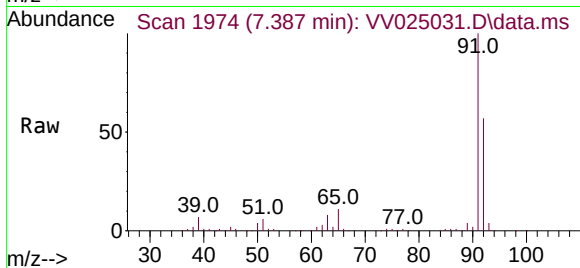
GBDB4MS

Tgt Ion: 91 Resp: 267328

Ion Ratio Lower Upper

91 100

92 57.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.972 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025031.D

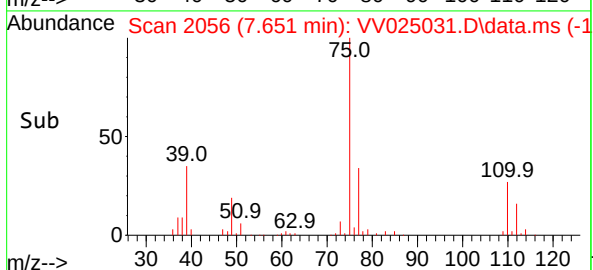
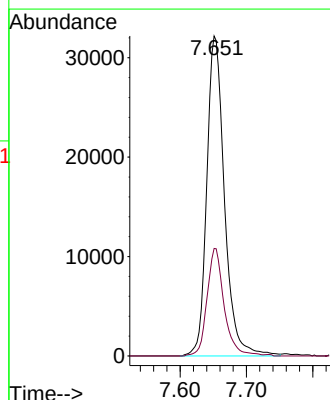
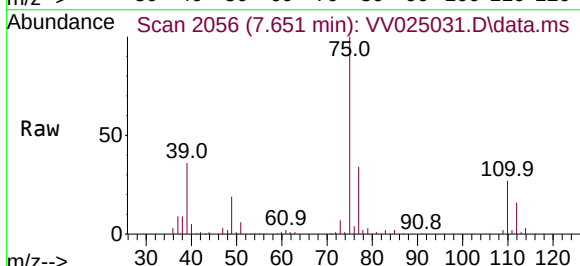
Acq: 16 Mar 2022 05:05

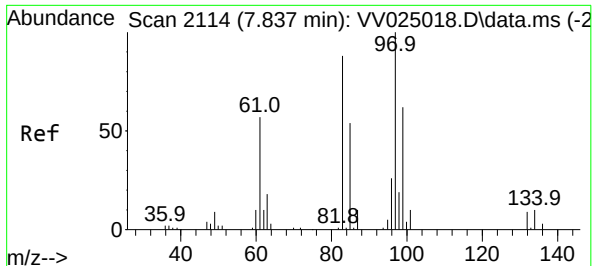
Tgt Ion: 75 Resp: 59741

Ion Ratio Lower Upper

75 100

77 33.6 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.334 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

Tgt Ion: 97 Resp: 39180

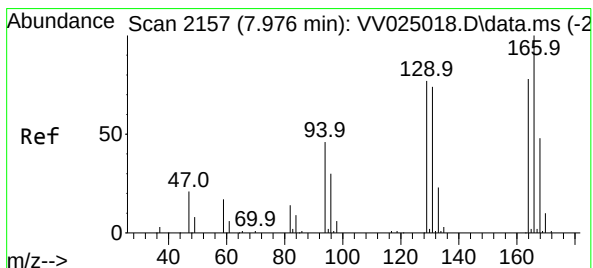
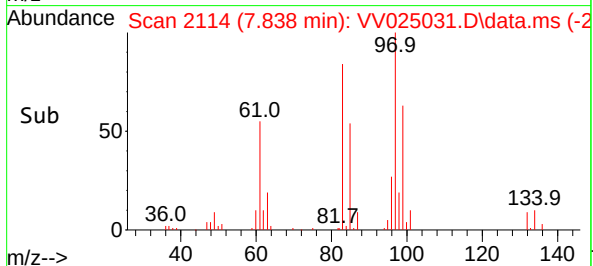
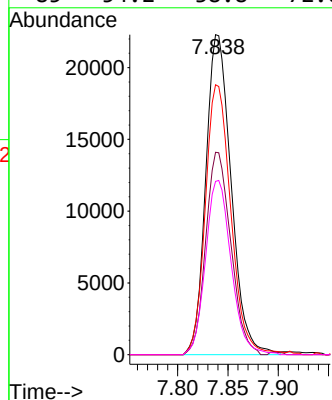
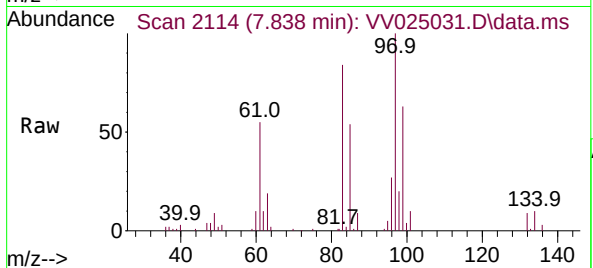
Ion Ratio Lower Upper

97 100

99 63.2 43.7 81.1

83 84.4 58.9 109.3

85 54.2 38.8 72.0



#47

Tetrachloroethene

Concen: 5.197 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Tgt Ion:164 Resp: 46587

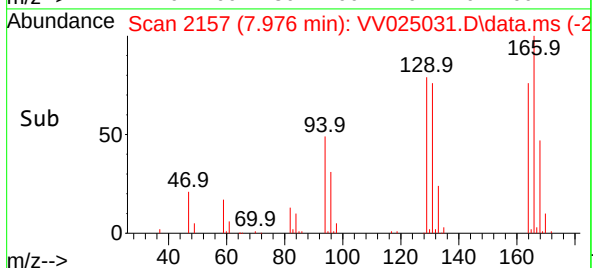
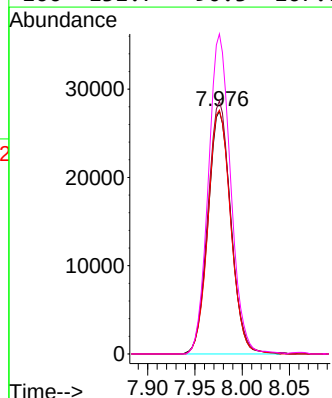
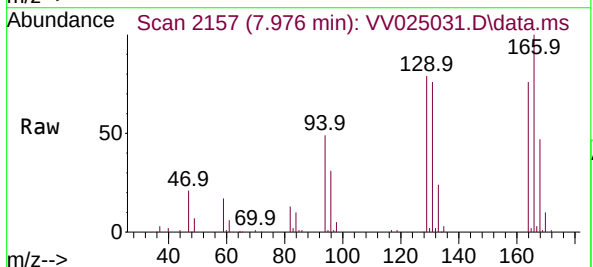
Ion Ratio Lower Upper

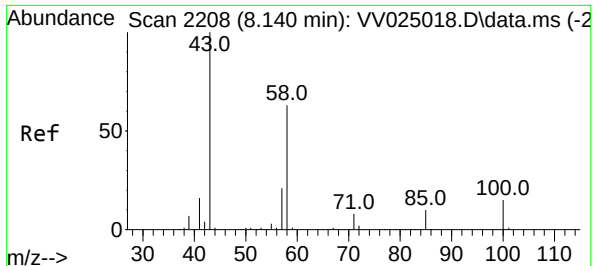
164 100

129 104.2 70.3 130.7

131 100.4 69.4 129.0

166 131.7 90.3 167.7



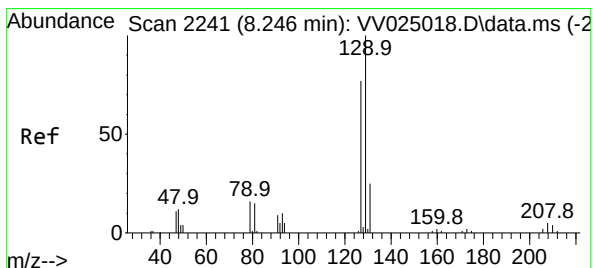
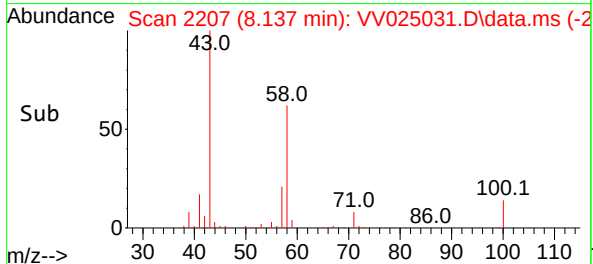
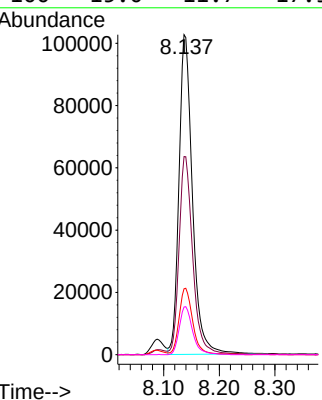
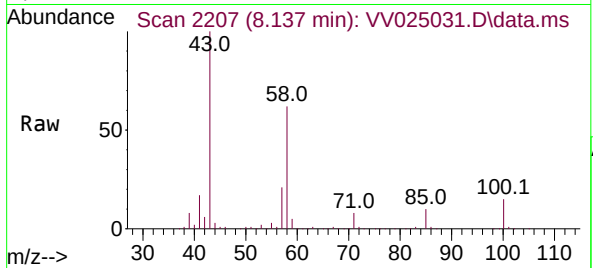


#48
2-Hexanone
Concen: 53.920 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

Tgt Ion: 43 Resp: 172995

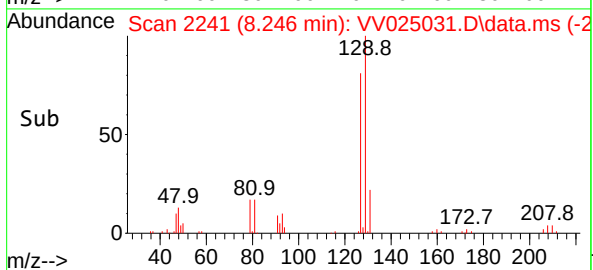
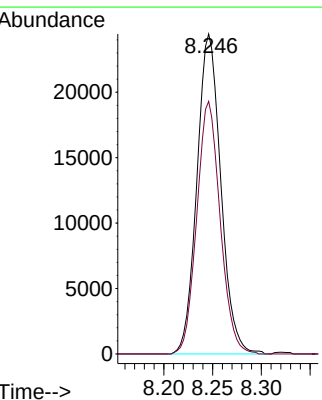
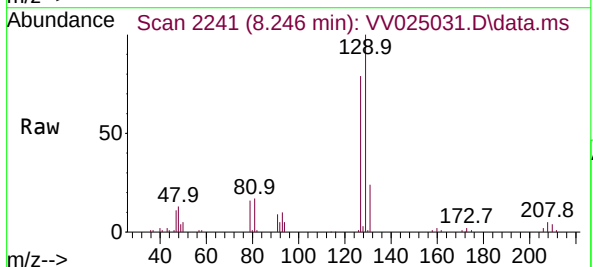
Ion	Ratio	Lower	Upper
43	100		
58	61.9	49.2	73.8
57	21.2	16.0	24.0
100	15.0	11.7	17.5

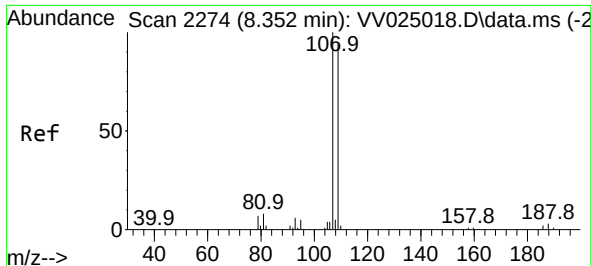


#49
Dibromochloromethane
Concen: 5.078 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 129 Resp: 41753

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.292 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

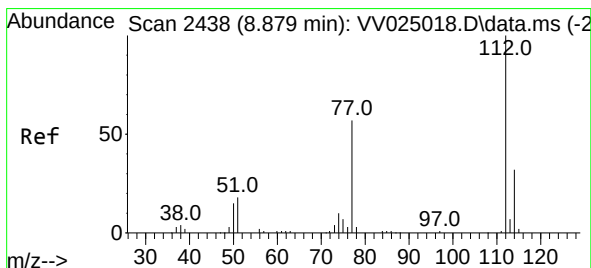
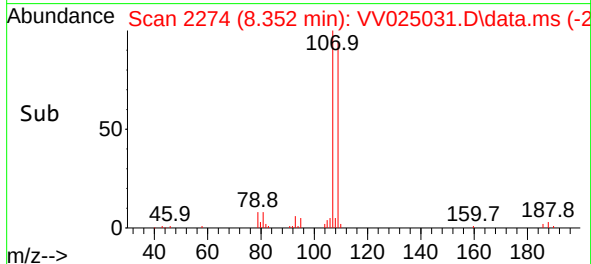
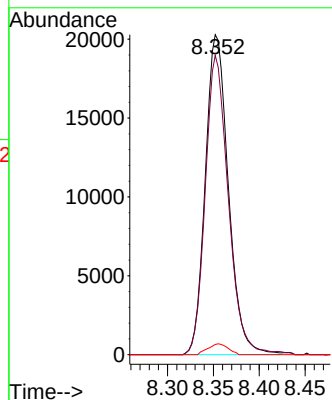
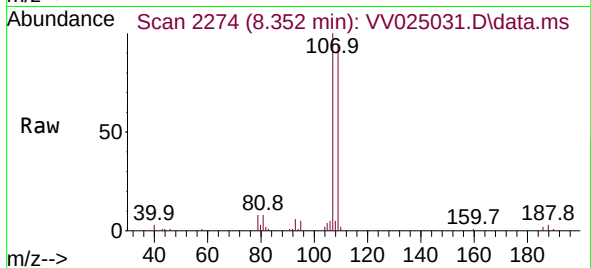
Tgt Ion:107 Resp: 35579

Ion Ratio Lower Upper

107 100

109 93.6 65.5 121.6

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 5.168 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

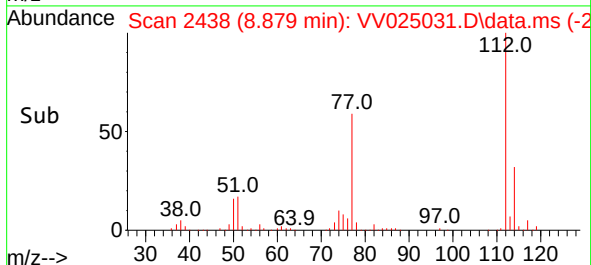
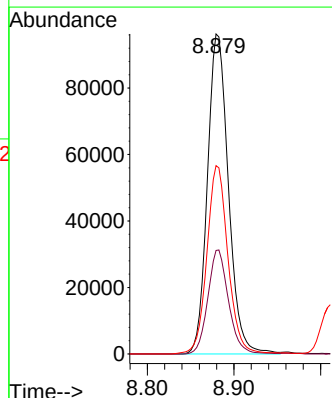
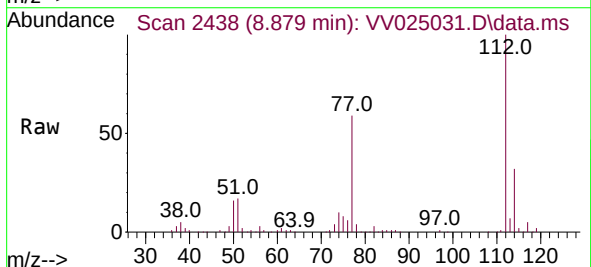
Tgt Ion:112 Resp: 162094

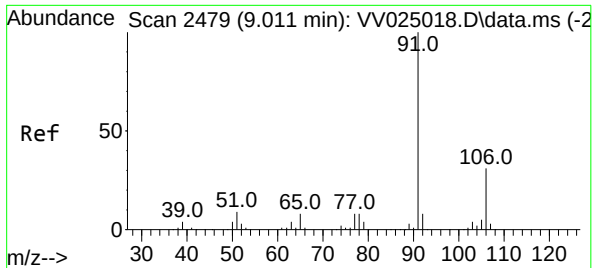
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 58.9 45.3 67.9

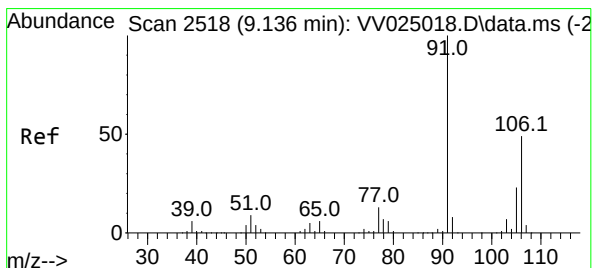
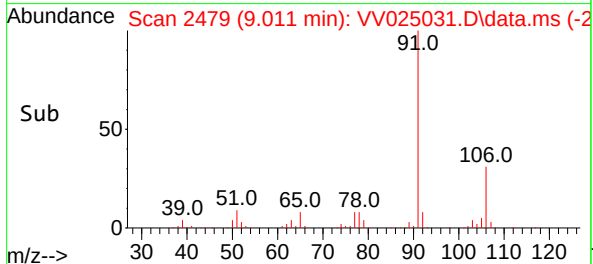
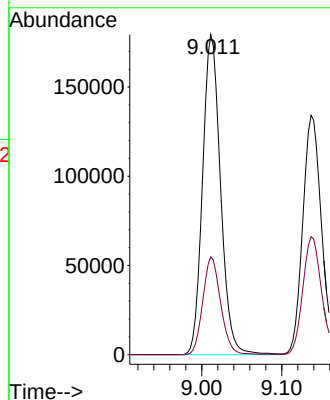
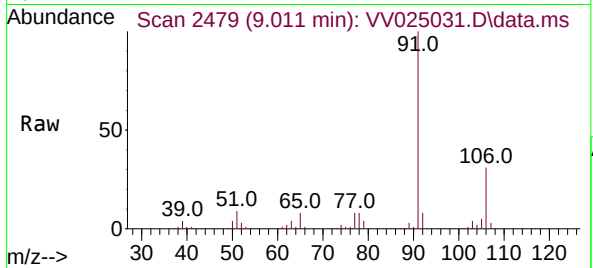




#52
Ethylbenzene
Concen: 5.305 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

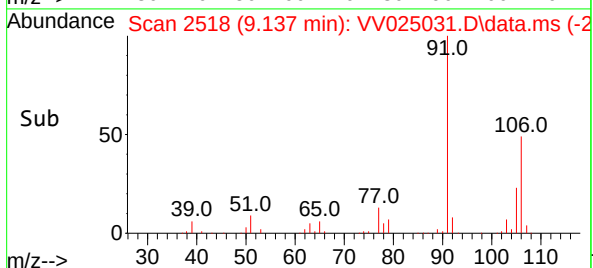
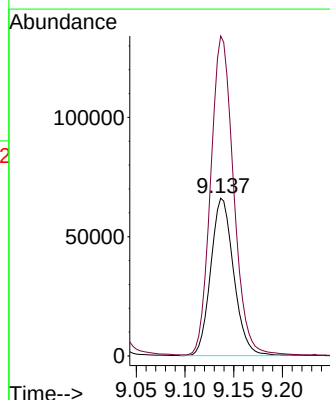
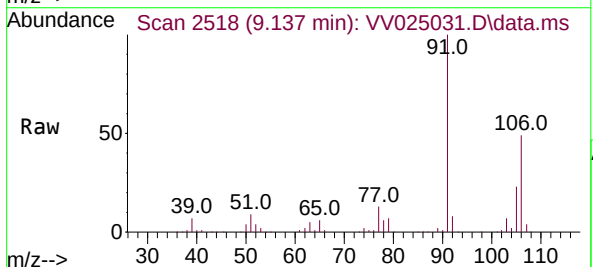
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

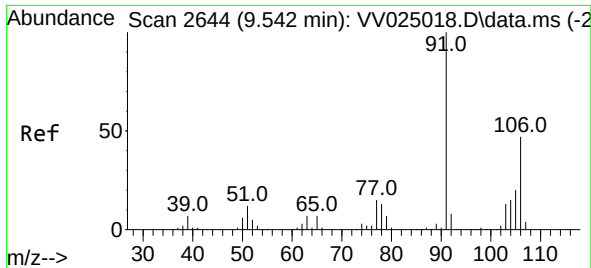
Tgt Ion: 91 Resp: 281064
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-xylene
Concen: 5.293 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 106 Resp: 108006
Ion Ratio Lower Upper
106 100
91 202.8 143.4 266.4

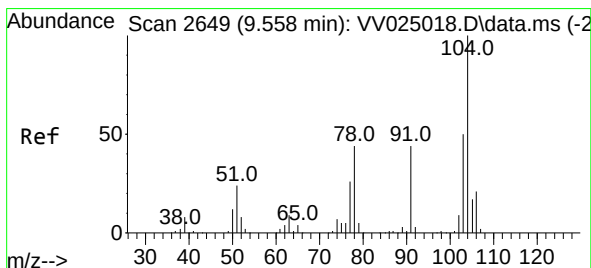
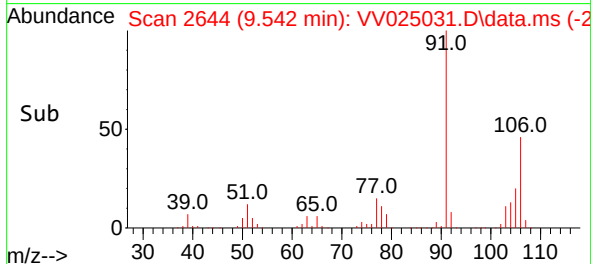
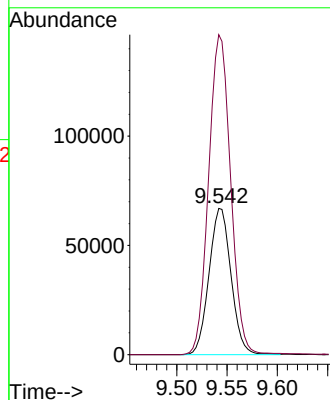
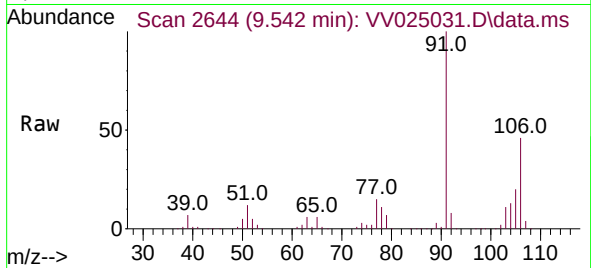




#54
o-xylene
Concen: 5.223 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

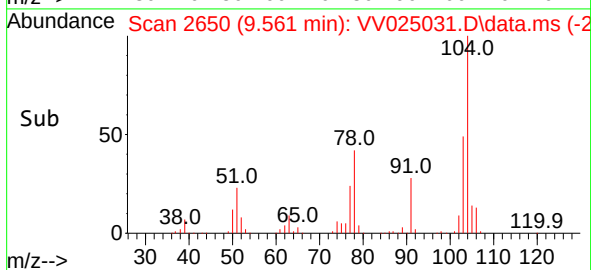
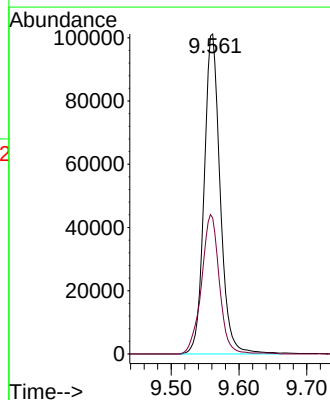
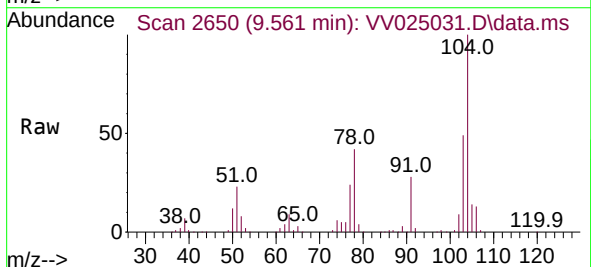
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

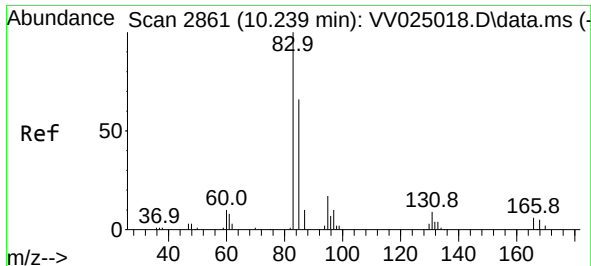
Tgt Ion:106 Resp: 101908
Ion Ratio Lower Upper
106 100
91 218.7 146.7 272.5



#55
Styrene
Concen: 5.233 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion:104 Resp: 166302
Ion Ratio Lower Upper
104 100
78 42.5 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.632 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

GBDB4MS

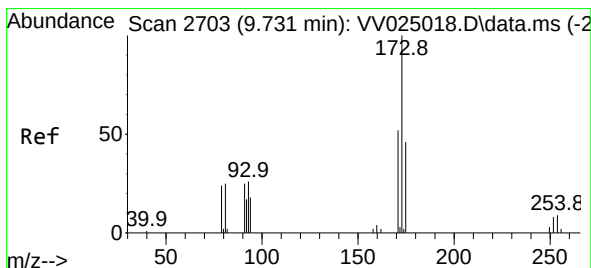
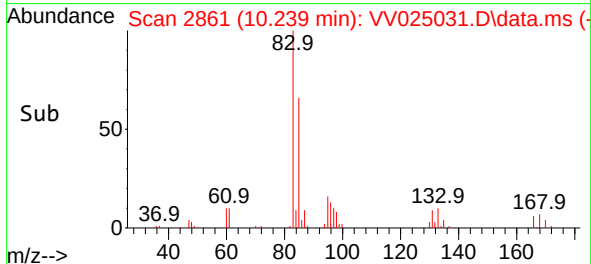
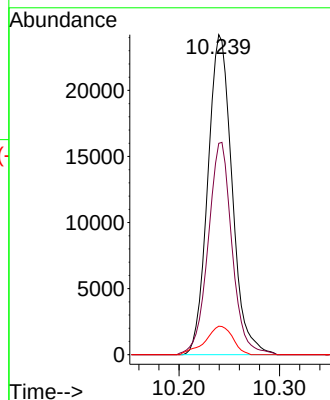
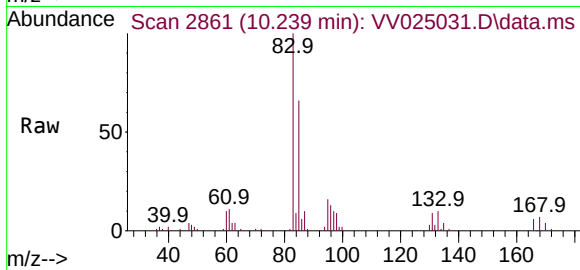
Tgt Ion: 83 Resp: 40557

Ion Ratio Lower Upper

83 100

85 66.0 43.9 81.5

131 8.9 7.5 11.3



#59

Bromoform

Concen: 4.661 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

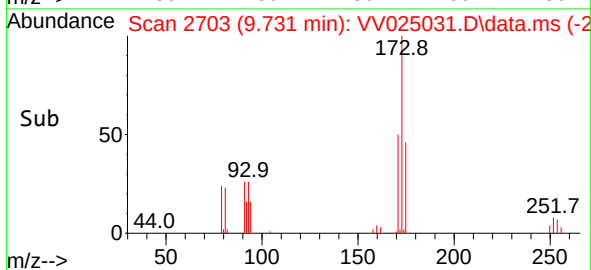
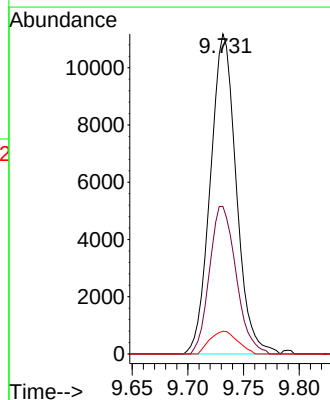
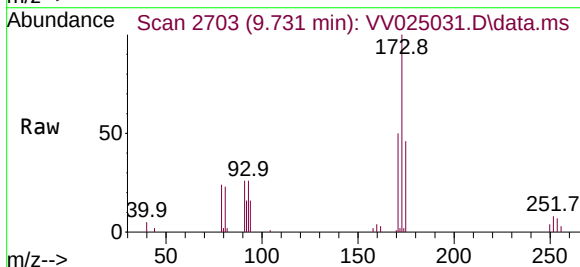
Tgt Ion: 173 Resp: 18084

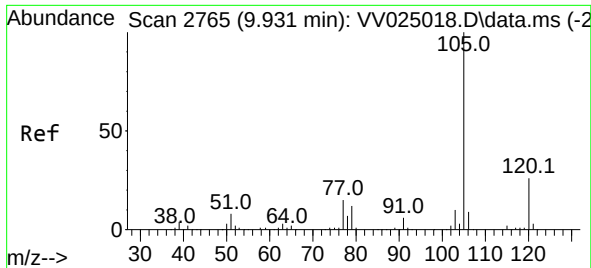
Ion Ratio Lower Upper

173 100

175 47.4 37.8 56.8

254 7.6 5.8 8.6

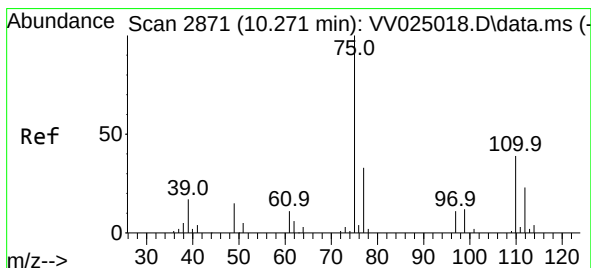
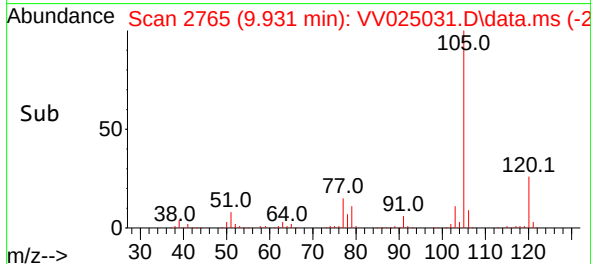
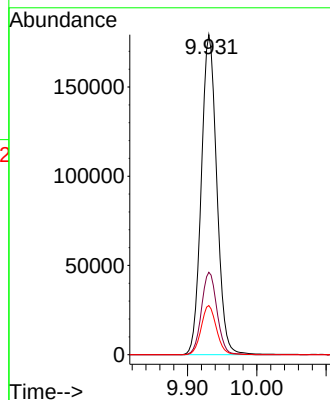
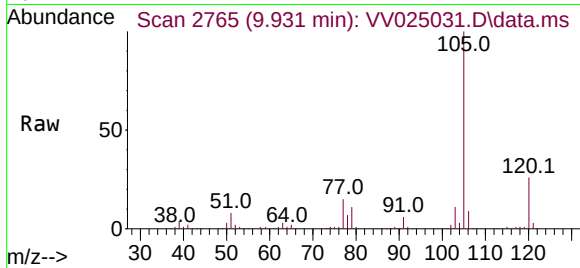




#60
Isopropylbenzene
Concen: 5.114 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

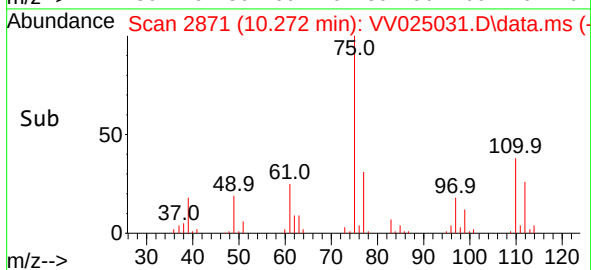
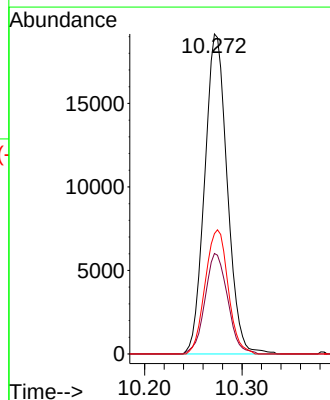
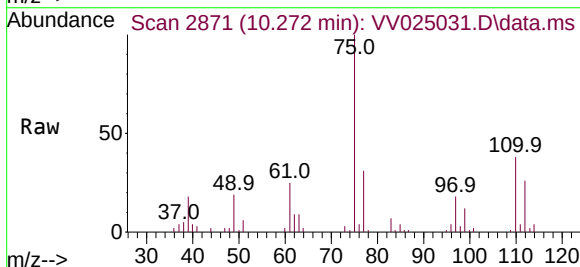
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

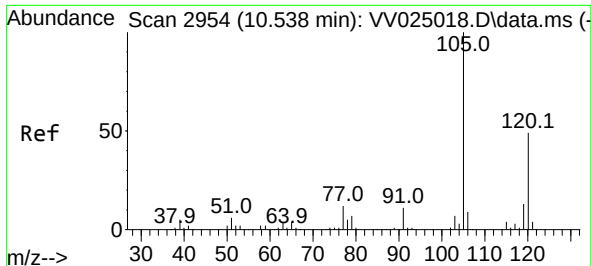
Tgt Ion:105 Resp: 277846
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 75 Resp: 30861
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 39.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.001 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025031.D

Acq: 16 Mar 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

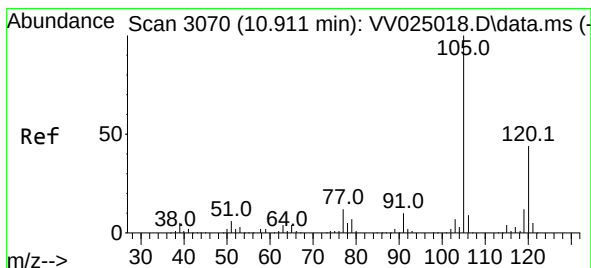
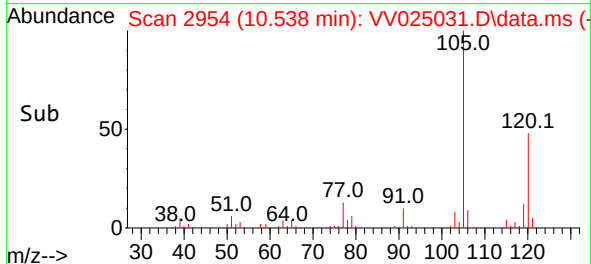
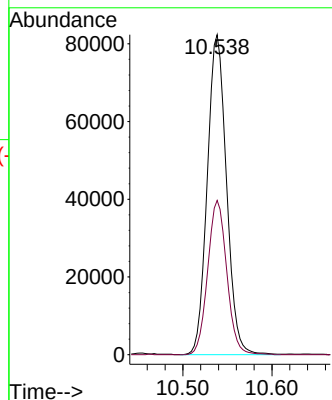
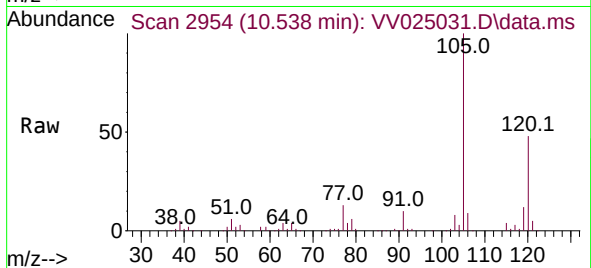
GBDB4MS

Tgt Ion:105 Resp: 123299

Ion Ratio Lower Upper

105 100

120 47.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.100 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025031.D

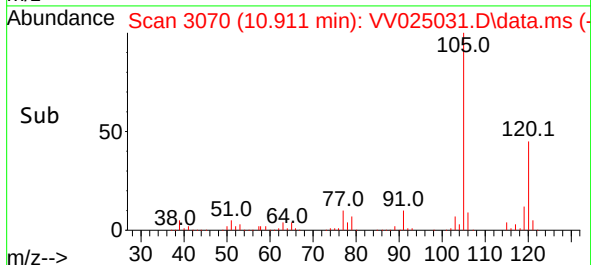
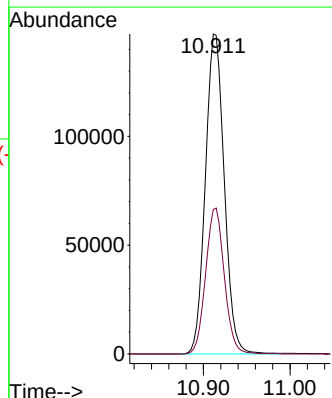
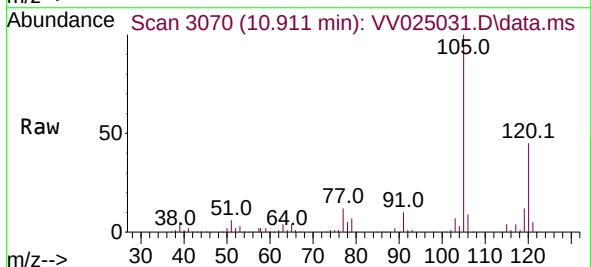
Acq: 16 Mar 2022 05:05

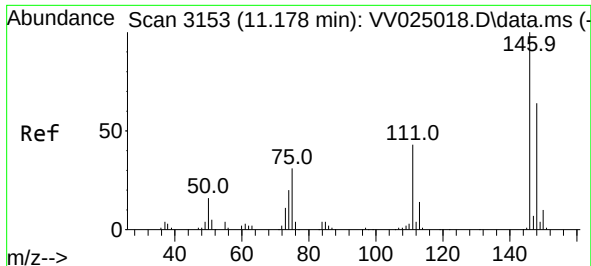
Tgt Ion:105 Resp: 222664

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8

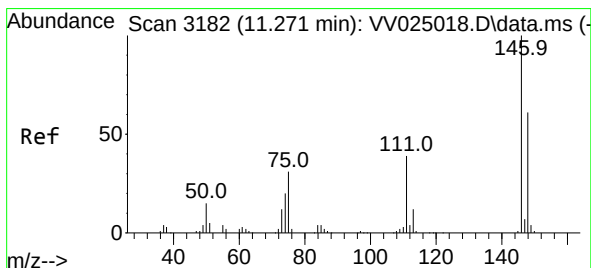
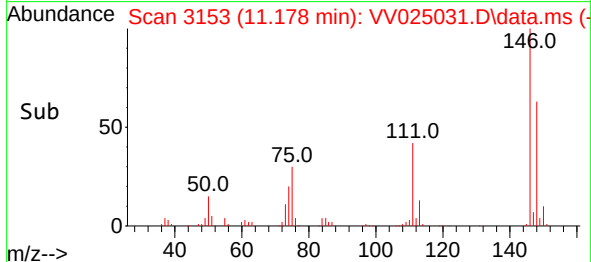
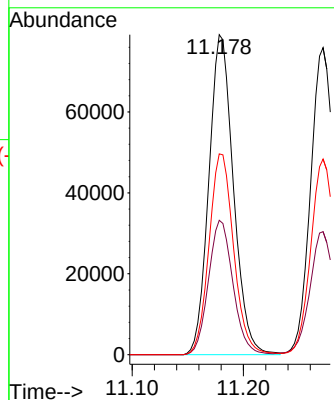
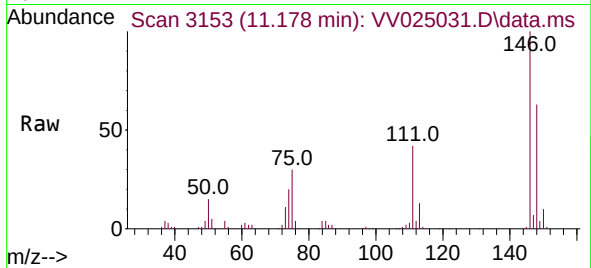




#64
1,3-Dichlorobenzene
Concen: 5.147 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

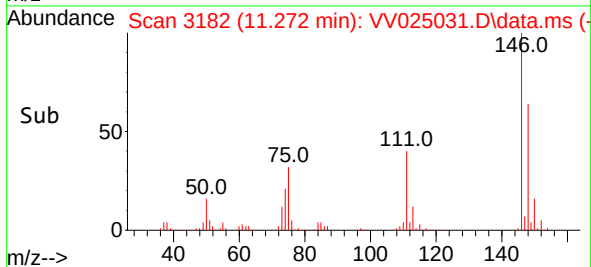
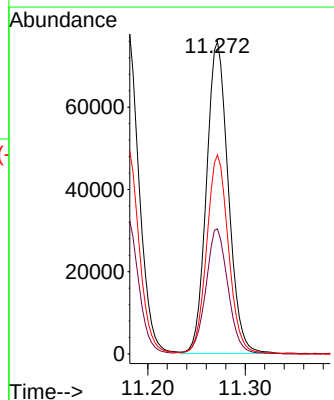
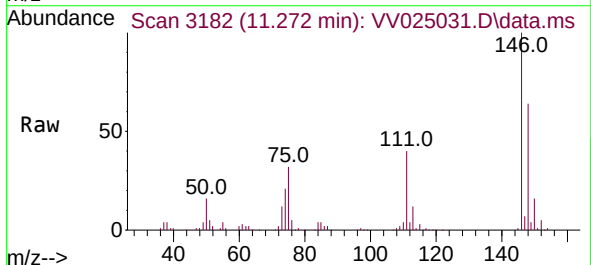
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

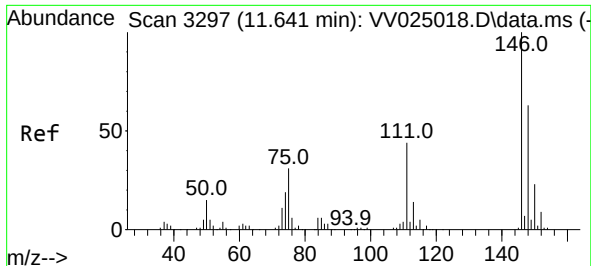
Tgt Ion:146 Resp: 121301
Ion Ratio Lower Upper
146 100
111 42.0 29.2 54.2
148 62.7 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.960 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion:146 Resp: 117836
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 63.7 43.8 81.4

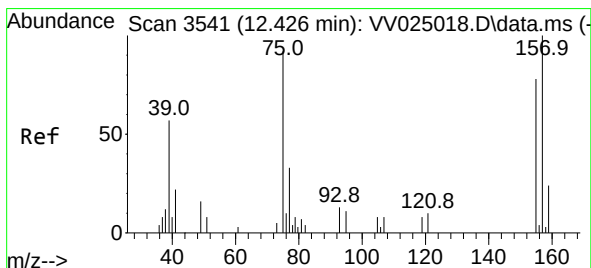
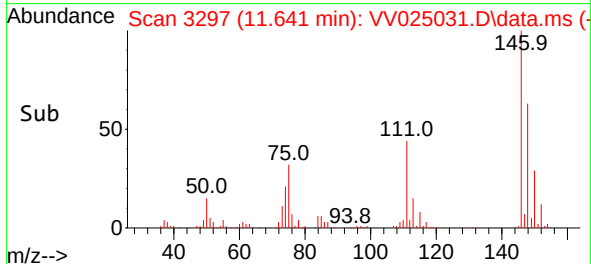
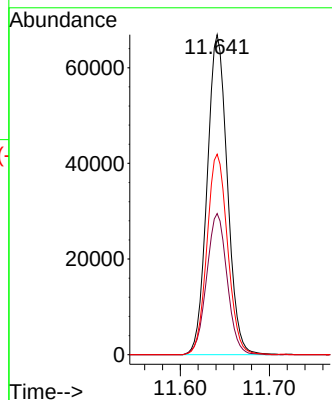
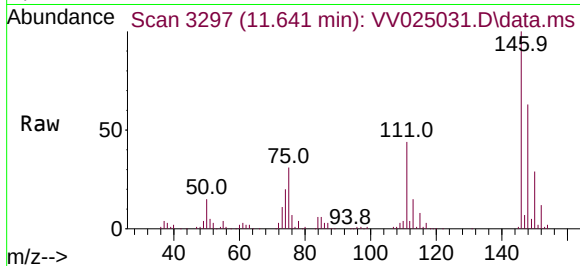




#67
1,2-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

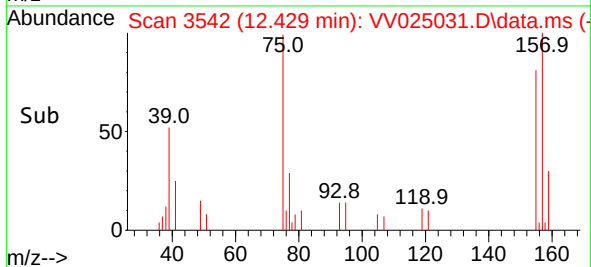
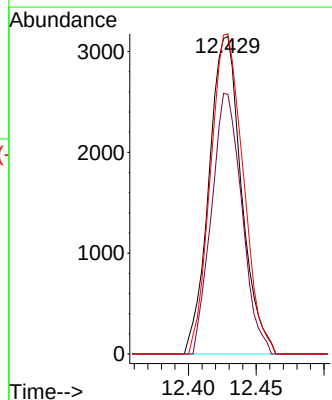
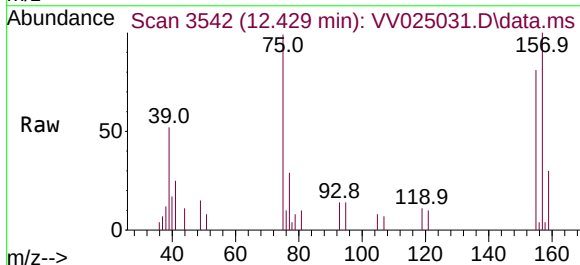
Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

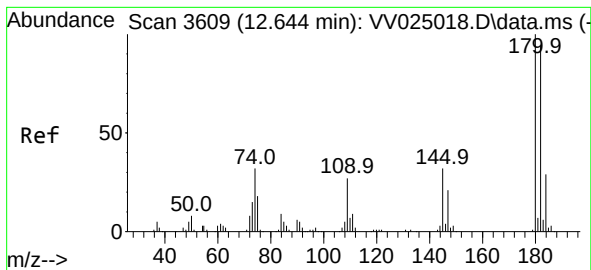
Tgt Ion:146 Resp: 105402
Ion Ratio Lower Upper
146 100
111 44.1 35.5 53.3
148 62.6 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.055 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion: 75 Resp: 5250
Ion Ratio Lower Upper
75 100
155 81.8 65.9 98.9
157 100.8 89.7 134.5

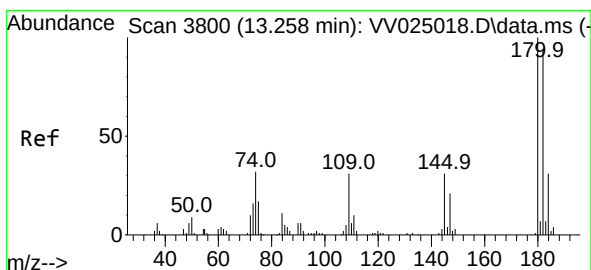
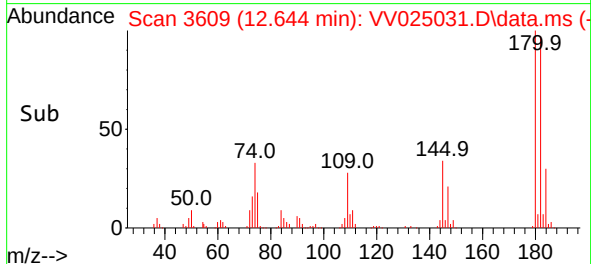
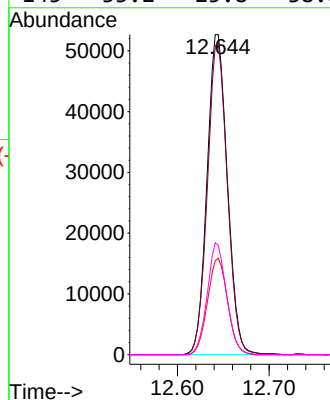
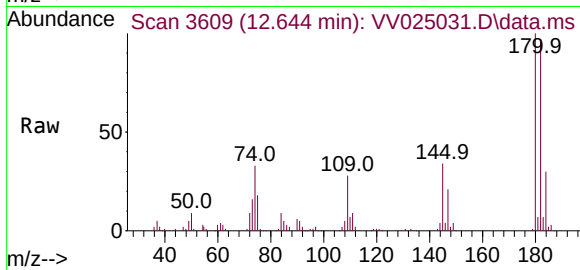




#69
 1,3,5-Trichlorobenzene
 Concen: 4.866 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

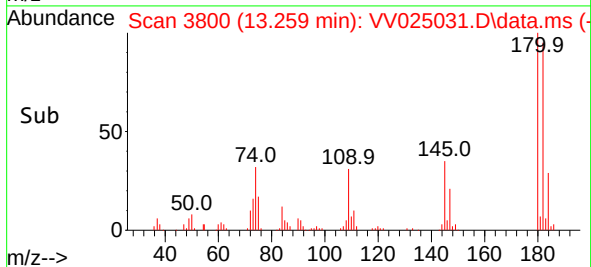
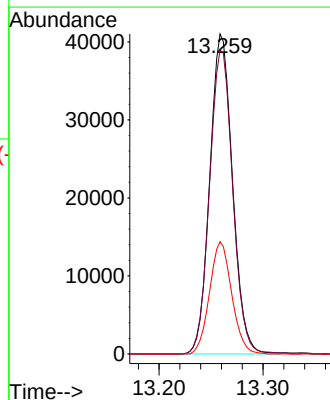
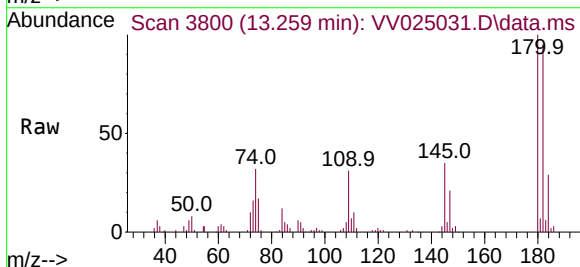
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB4MS

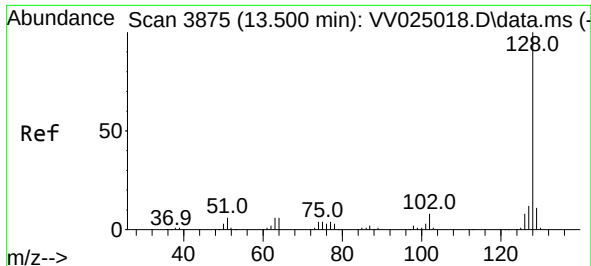
Tgt Ion:180	Resp:	80996
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.4 113.0
184	29.8	24.2 36.4
145	33.2	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.805 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025031.D
 Acq: 16 Mar 2022 05:05

Tgt Ion:180	Resp:	62322
Ion Ratio	Lower	Upper
180	100	
182	96.7	74.6 112.0
145	34.2	26.1 39.1

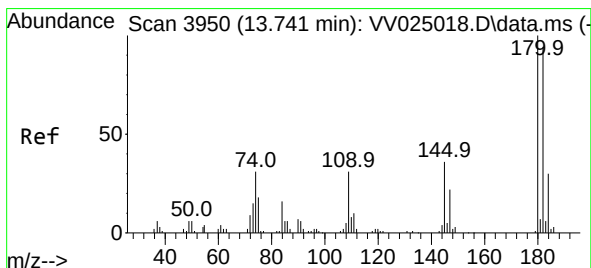
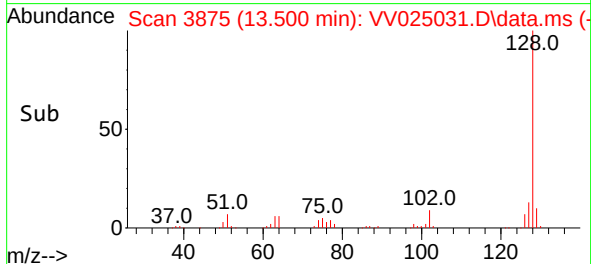
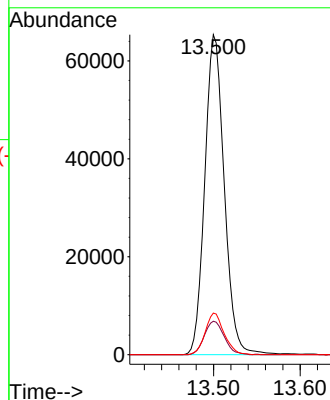
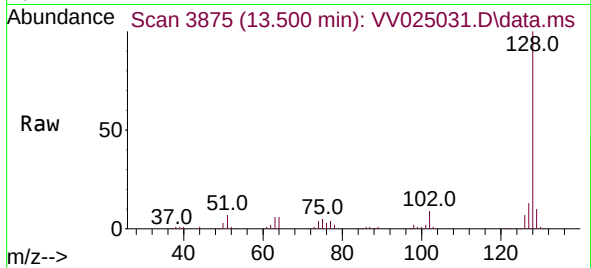




#71
Naphthalene
Concen: 4.740 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Instrument :
MSVOA_V
ClientSampleId :
GBDB4MS

Tgt Ion:128 Resp: 102090
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.6 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.920 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025031.D
Acq: 16 Mar 2022 05:05

Tgt Ion:180 Resp: 54073
Ion Ratio Lower Upper
180 100
182 95.1 74.8 112.2
145 35.2 27.6 41.4

