

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023260.D
 Acq On : 06 Nov 2021 02:31
 Operator : SY/MD
 Sample : M4534-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB858MS

Quant Time: Nov 09 04:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38281	4.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	33812	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	77194	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	3.892	46	97517	63.635	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.280%
24) Chloroform-d	4.352	84	91527	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.037	65	42885	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.053	84	173610	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	51414	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	163012	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	18931	4.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.088	63	75768	51.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38536	5.044	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62114	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	66480	4.802	ug/L	98
3) Chloromethane	1.243	50	61481	5.223	ug/L	94
5) Vinyl chloride	1.314	62	59766	5.084	ug/L	98
6) Bromomethane	1.523	94	30959	4.120	ug/L	98
8) Chloroethane	1.587	64	35964	5.301	ug/L	100
9) Trichlorofluoromethane	1.754	101	89213	5.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45930	5.165	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42738	5.048	ug/L	91
13) Acetone	2.182	43	61405	65.578	ug/L	89
14) Carbon disulfide	2.298	76	152382	4.769	ug/L	99
15) Methyl Acetate	2.439	43	14169	5.347	ug/L	96
16) Methylene chloride	2.510	84	50654	4.099	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	92570	4.967	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	51011	4.901	ug/L	95
19) 1,1-Dichloroethane	3.191	63	89838	5.112	ug/L	98
21) 2-Butanone	3.973	43	95937	63.372	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	51323	5.124	ug/L	# 94
23) Bromochloromethane	4.252	128	23906	5.175	ug/L	# 84
25) Chloroform	4.378	83	92558	4.941	ug/L	100

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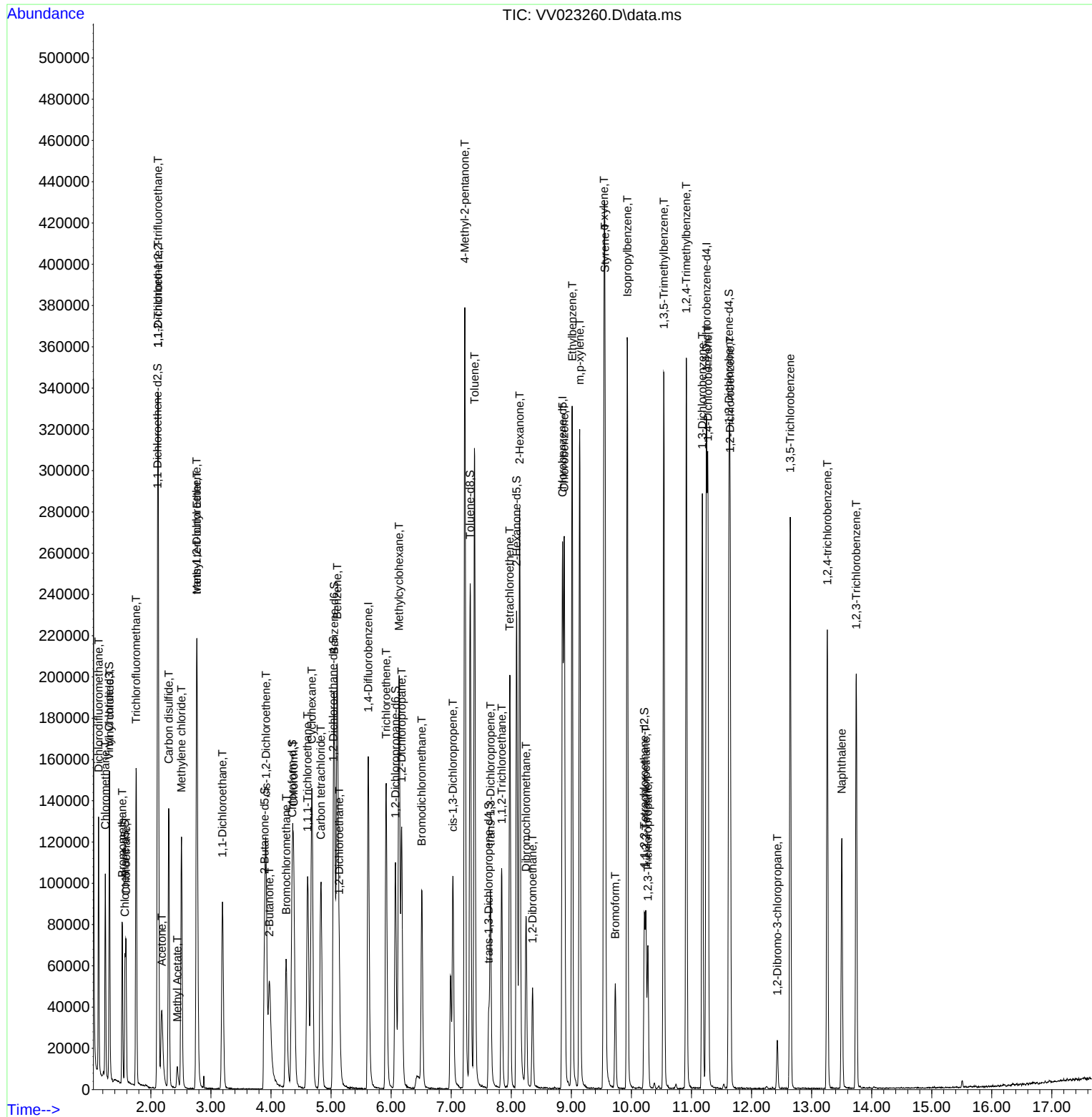
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	49906	5.009	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	83923	4.913	ug/L	98
30) Cyclohexane	4.680	56	75029	4.902	ug/L	98
31) Carbon tetrachloride	4.831	117	76367	4.978	ug/L	95
33) Benzene	5.101	78	205070	5.216	ug/L	100
34) Trichloroethene	5.918	95	52517	5.023	ug/L	98
35) Methylcyclohexane	6.133	83	79957	4.846	ug/L	97
37) 1,2-Dichloropropane	6.175	63	48538	5.289	ug/L	98
38) Bromodichloromethane	6.510	83	62735	5.101	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	63858	4.838	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	239138	56.181	ug/L	98
42) Toluene	7.387	91	223169	5.307	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	55340	5.053	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33375	5.061	ug/L	98
47) Tetrachloroethene	7.976	164	46116	5.090	ug/L	99
48) 2-Hexanone	8.140	43	175176	58.732	ug/L	98
49) Dibromochloromethane	8.246	129	42287	5.061	ug/L	100
50) 1,2-Dibromoethane	8.355	107	31312	5.124	ug/L	99
51) Chlorobenzene	8.882	112	140983	5.044	ug/L	99
52) Ethylbenzene	9.014	91	224251	5.057	ug/L	97
53) m,p-xylene	9.140	106	89658	5.151	ug/L	96
54) o-xylene	9.545	106	83696	5.126	ug/L	100
55) Styrene	9.561	104	146522	5.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	38464	5.324	ug/L	99
59) Bromoform	9.731	173	23545	4.998	ug/L	98
60) Isopropylbenzene	9.934	105	227589	5.028	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26517	5.061	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	182630	4.866	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	187595	5.022	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	116157	5.023	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	117159	4.961	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	105019	5.075	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5668	5.078	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	85385	4.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67793	4.675	ug/L	98
71) Naphthalene	13.503	128	95883	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60107	4.738	ug/L	100

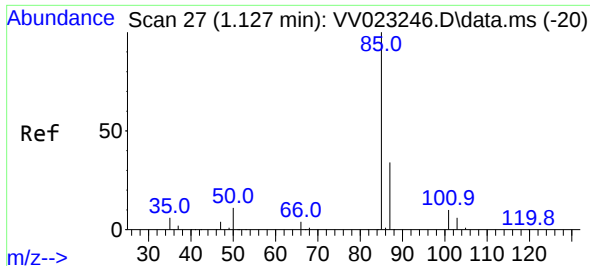
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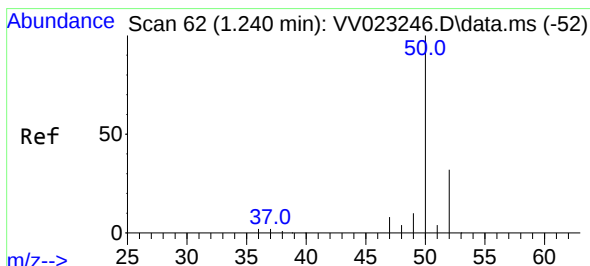
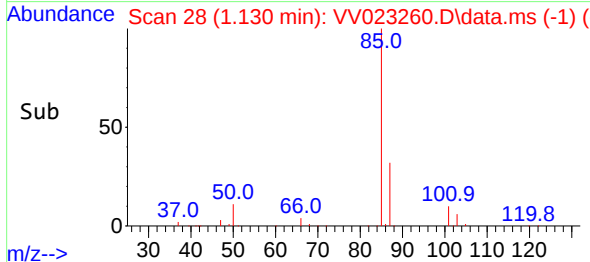
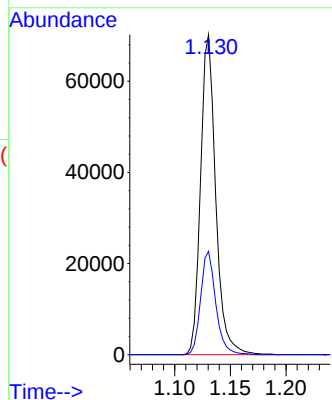
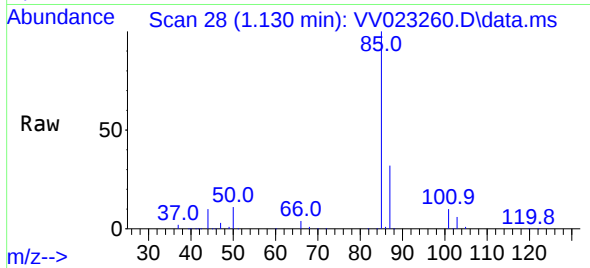




#2
 Dichlorodifluoromethane
 Concen: 4.802 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

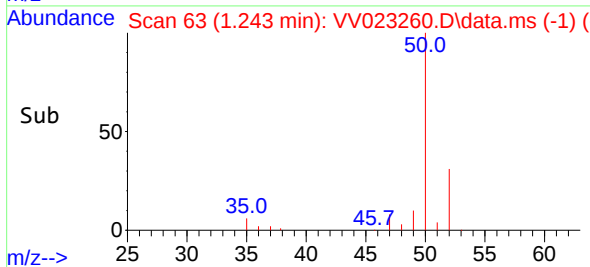
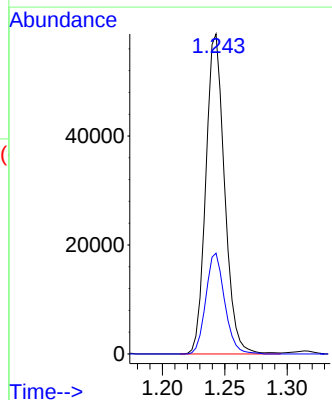
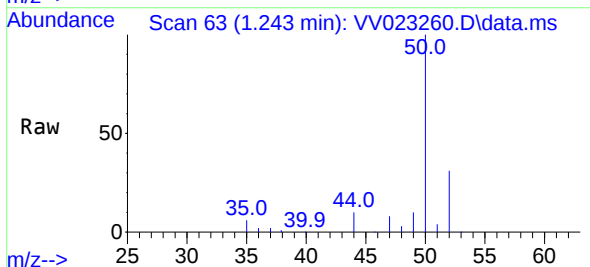
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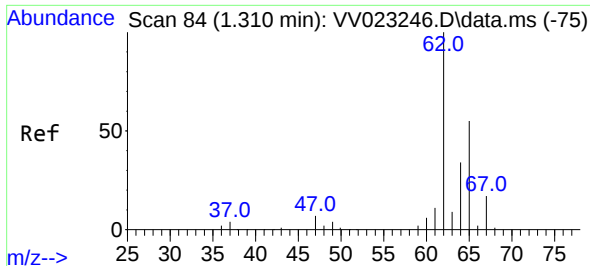
Tgt Ion: 85 Resp: 66480
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 39.8



#3
 Chloromethane
 Concen: 5.223 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

Tgt Ion: 50 Resp: 61481
 Ion Ratio Lower Upper
 50 100
 52 31.5 24.3 45.1

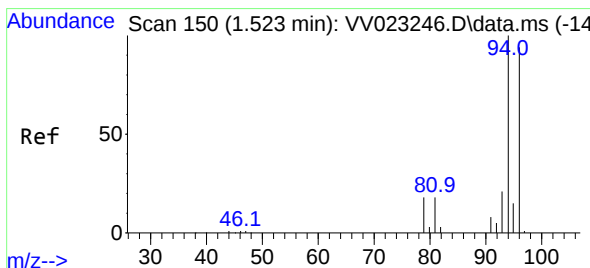
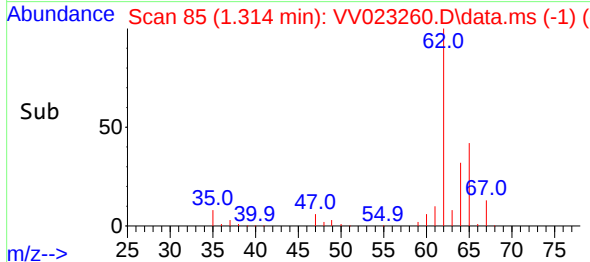
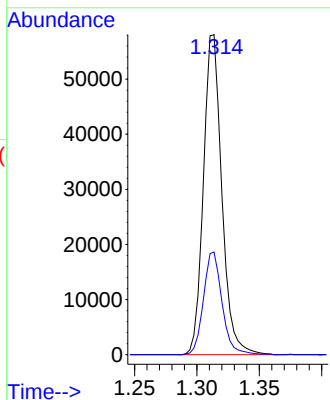
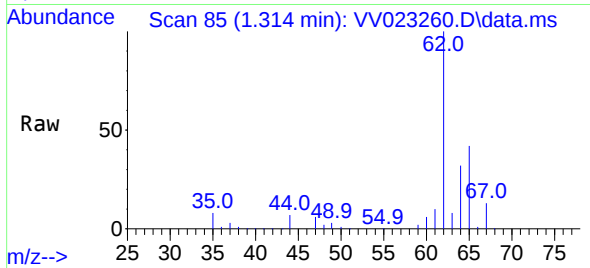




#5
 Vinyl chloride
 Concen: 5.084 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

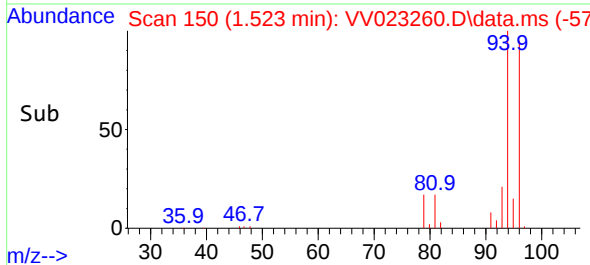
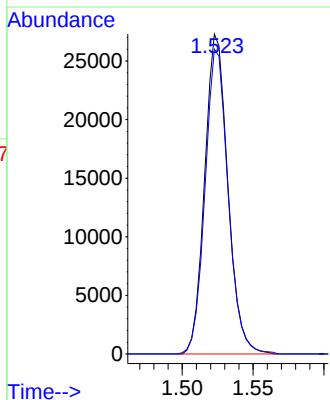
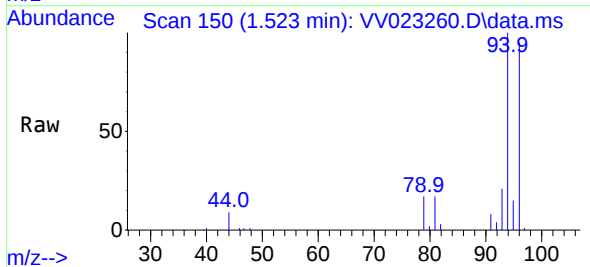
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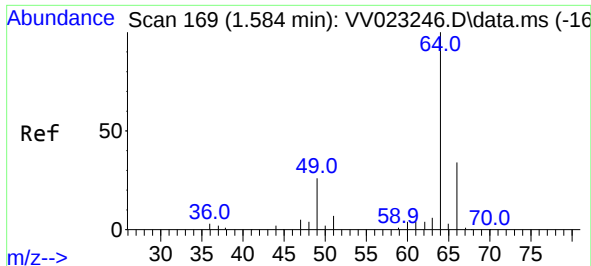
Tgt Ion: 62 Resp: 59766
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.120 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

Tgt Ion: 94 Resp: 30959
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.0 120.8

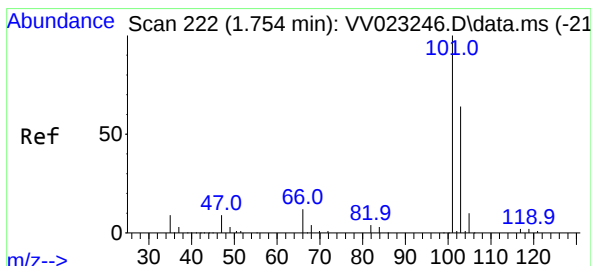
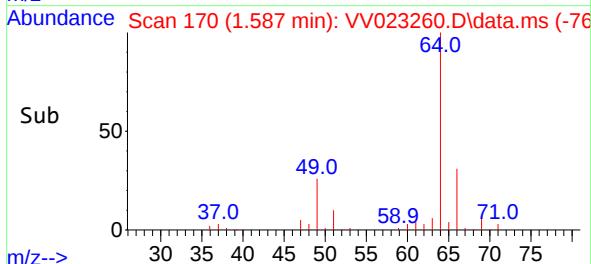
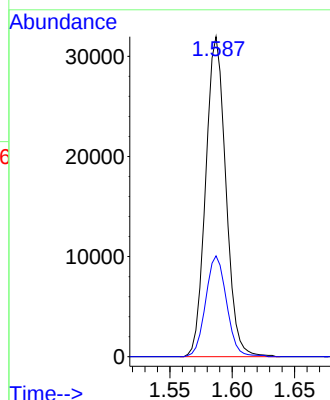
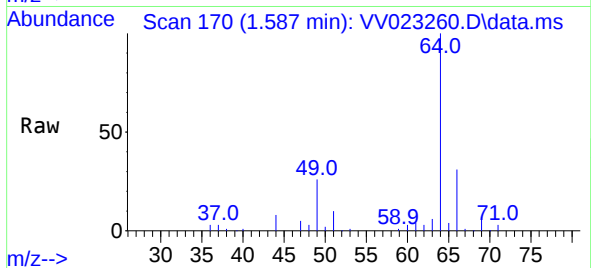




#8
Chloroethane
Concen: 5.301 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

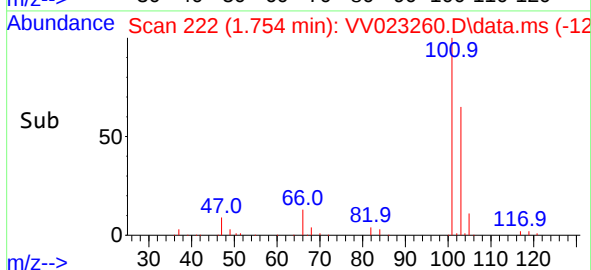
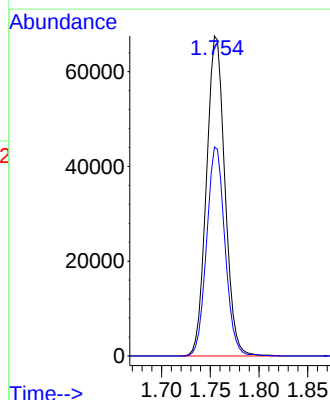
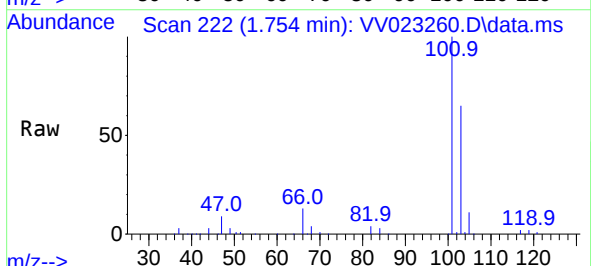
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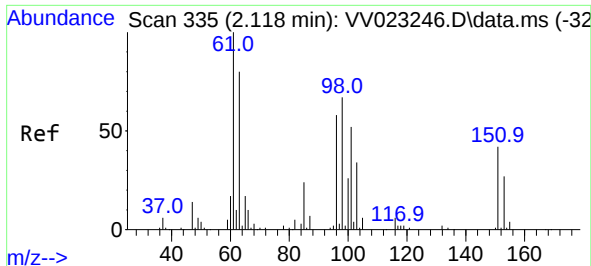
Tgt Ion: 64 Resp: 35964
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.050 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:101 Resp: 89213
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0

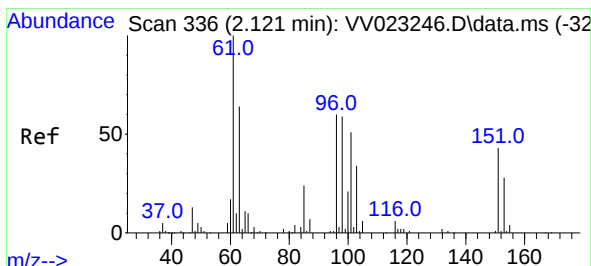
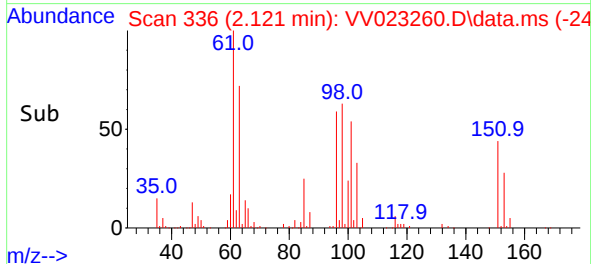
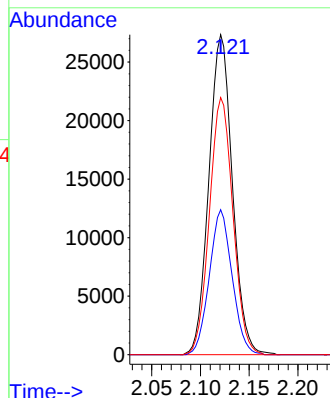
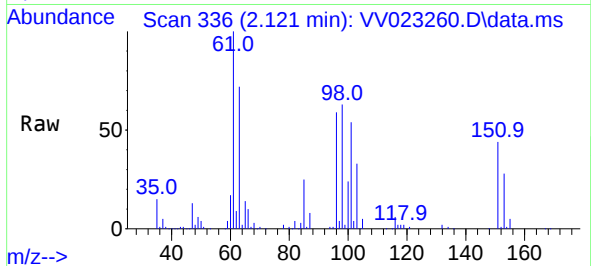




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.165 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

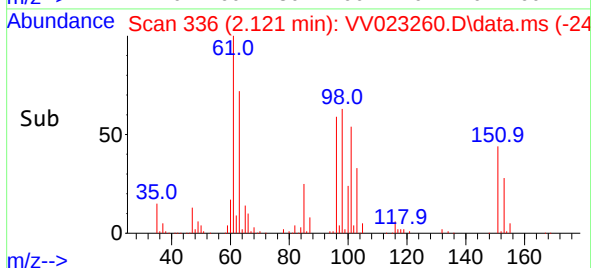
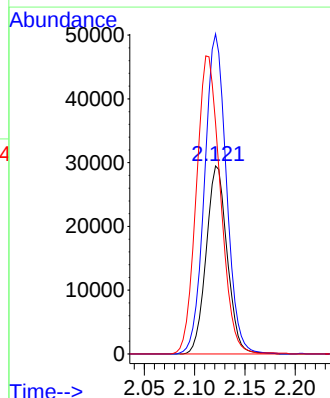
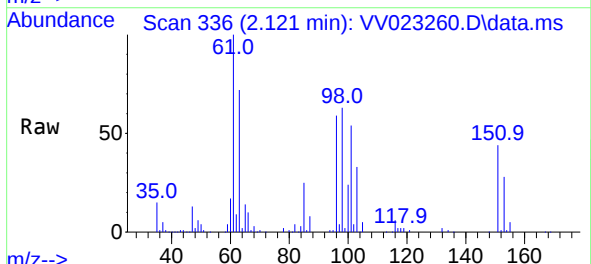
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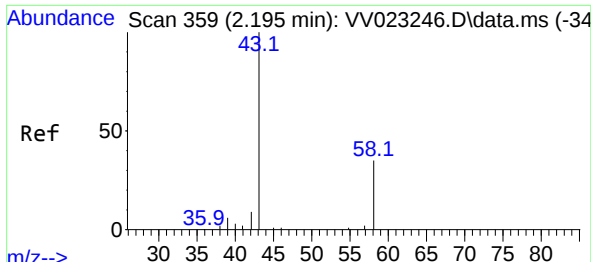
Tgt Ion:101 Resp: 45930
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 80.3 62.2 93.2



#12
1,1-Dichloroethene
Concen: 5.048 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 96 Resp: 42738
Ion Ratio Lower Upper
96 100
61 170.1 121.5 225.7
63 122.7 99.6 185.0





#13

Acetone

Concen: 65.578 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

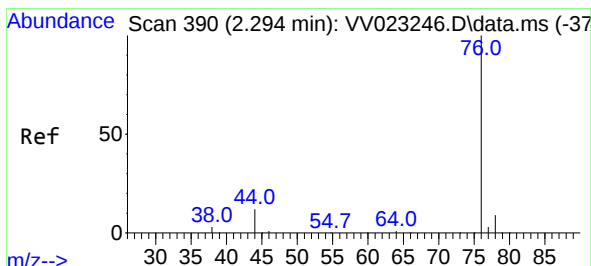
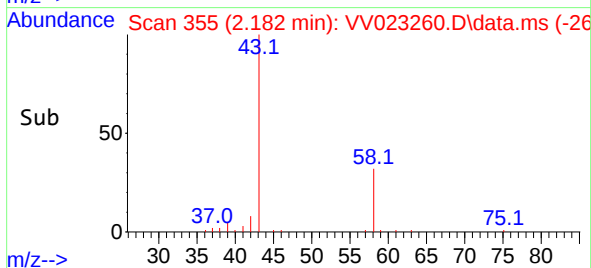
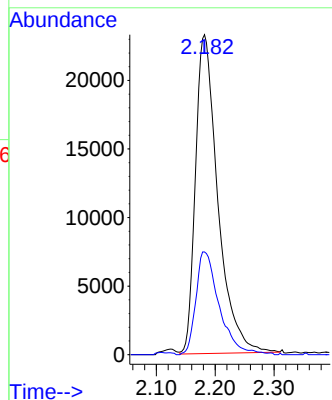
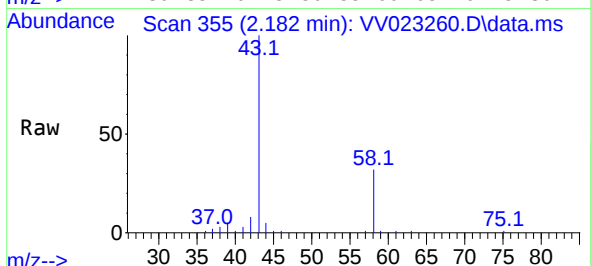
GB858MS

Tgt Ion: 43 Resp: 61405

Ion Ratio Lower Upper

43 100

58 33.6 0.0 55.4



#14

Carbon disulfide

Concen: 4.769 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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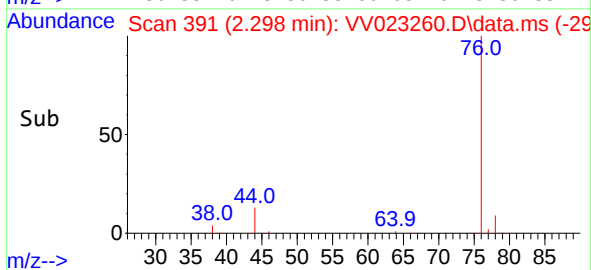
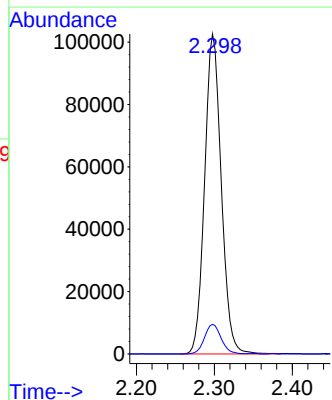
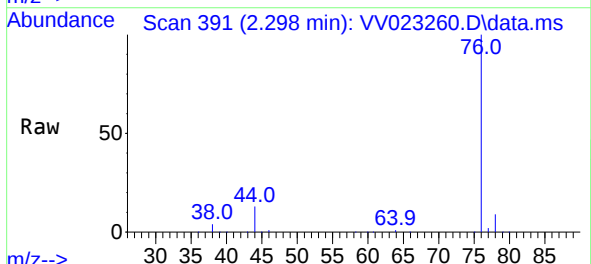
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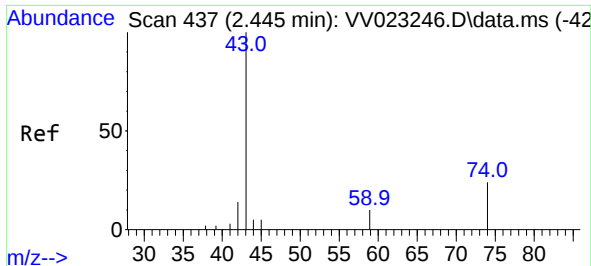
Tgt Ion: 76 Resp: 152382

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

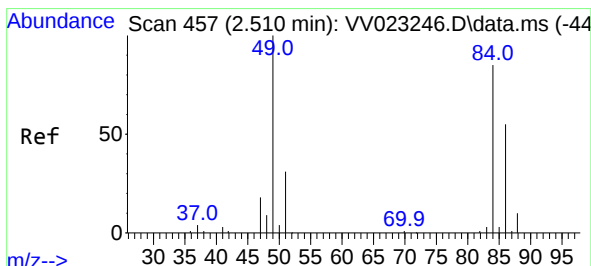
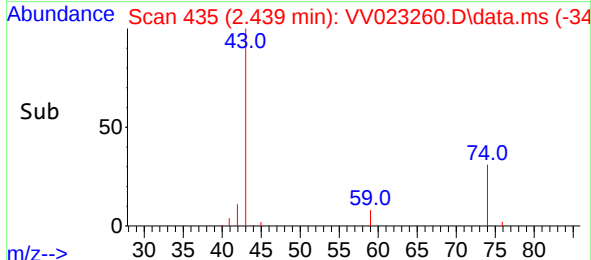
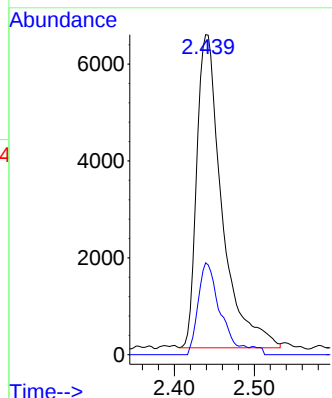
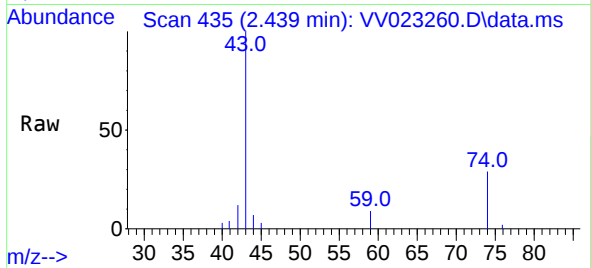




#15
Methyl Acetate
Concen: 5.347 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

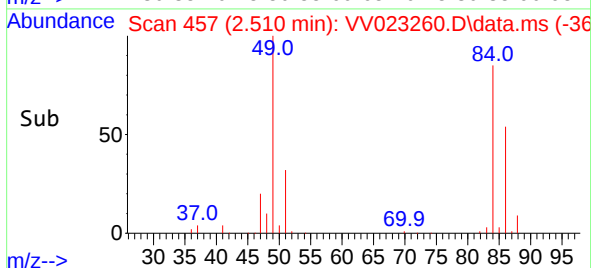
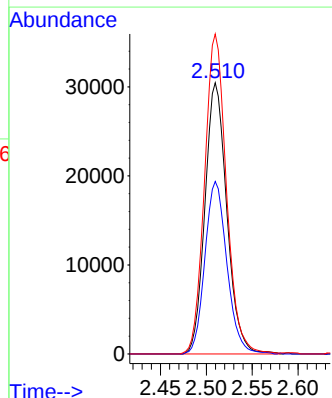
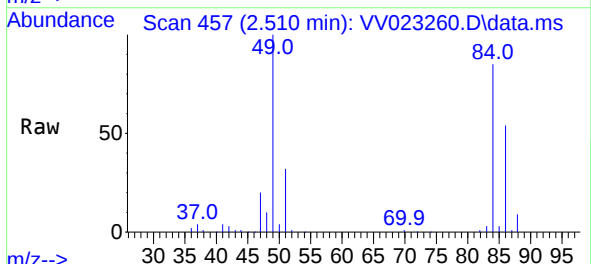
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

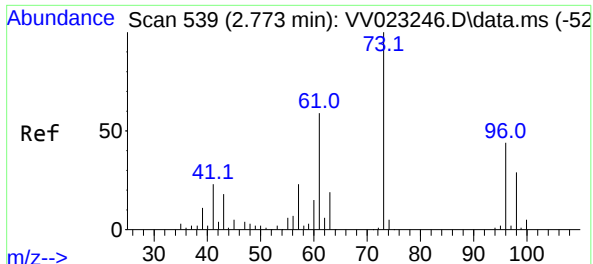
Tgt Ion: 43 Resp: 14169
Ion Ratio Lower Upper
43 100
74 25.8 22.2 33.2



#16
Methylene chloride
Concen: 4.099 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 84 Resp: 50654
Ion Ratio Lower Upper
84 100
86 63.6 42.3 78.5
49 118.0 79.7 148.1

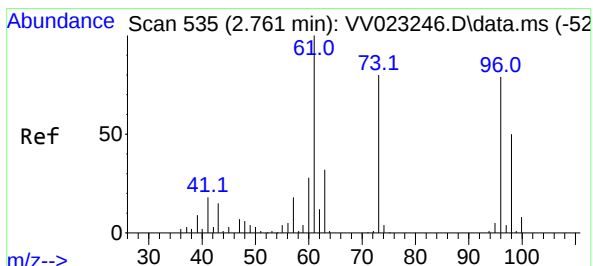
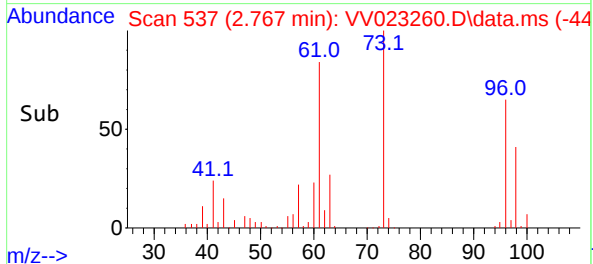
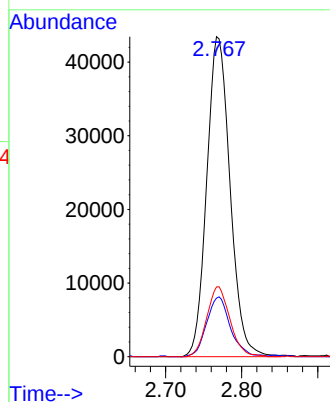
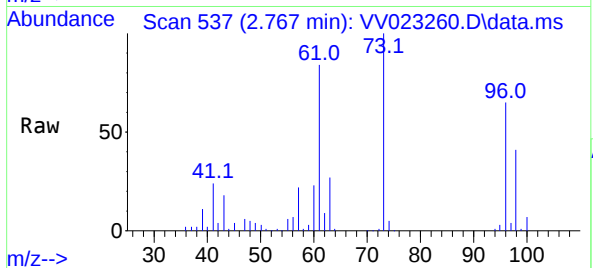




#17
Methyl tert-butyl Ether
Concen: 4.967 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

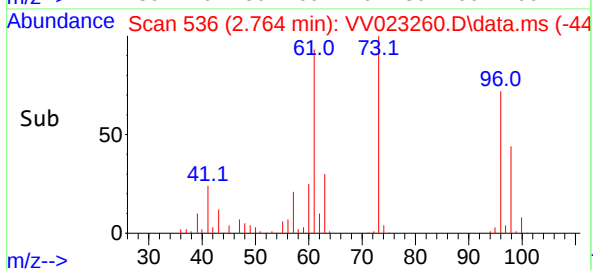
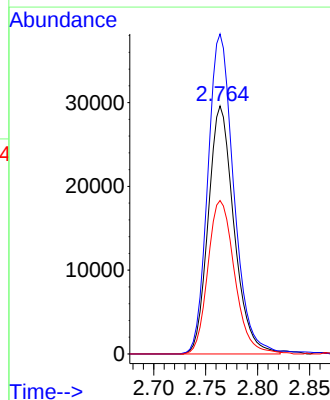
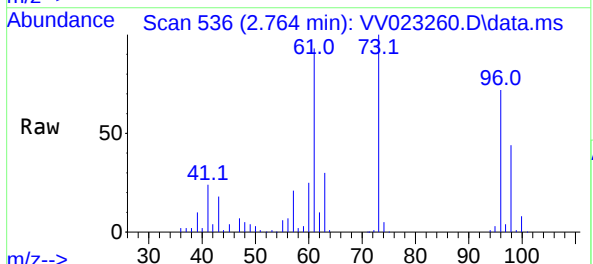
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

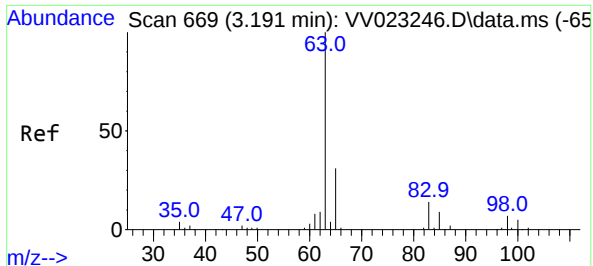
Tgt Ion: 73 Resp: 92570
Ion Ratio Lower Upper
73 100
43 18.9 17.4 26.0
57 21.8 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.901 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 96 Resp: 51011
Ion Ratio Lower Upper
96 100
61 129.0 93.2 173.2
98 61.9 47.0 87.2

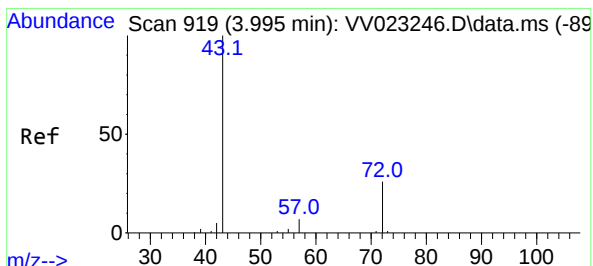
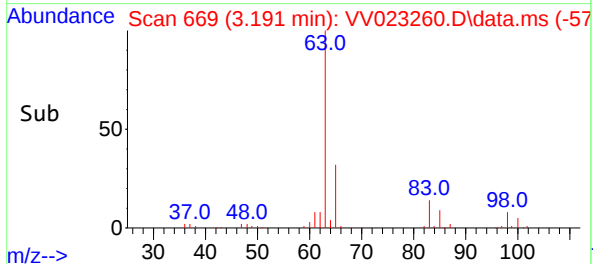
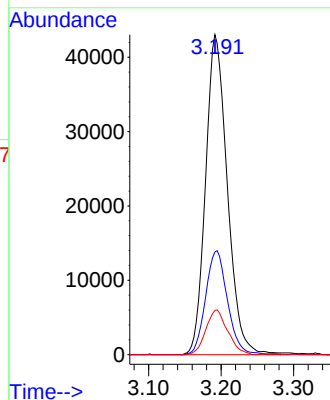
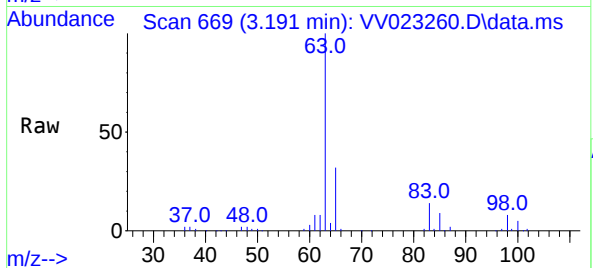




#19
1,1-Dichloroethane
Concen: 5.112 ug/L
RT: 3.191 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

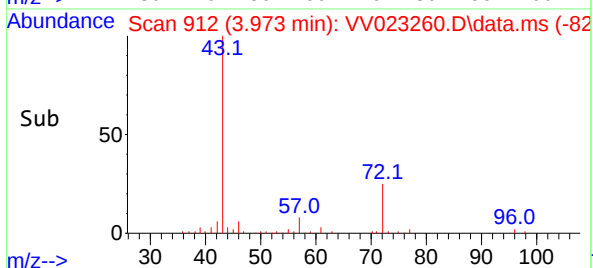
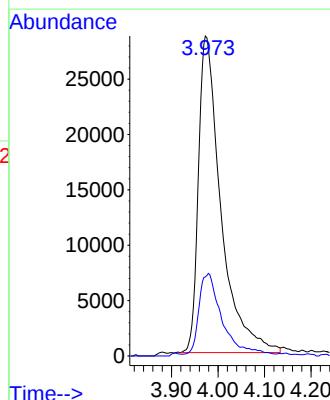
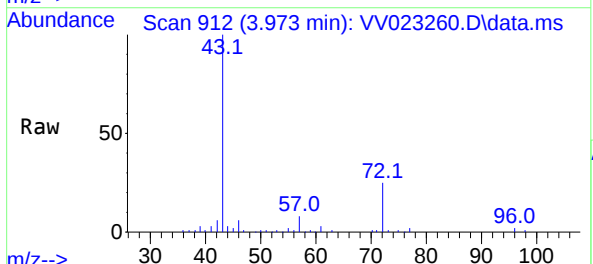
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

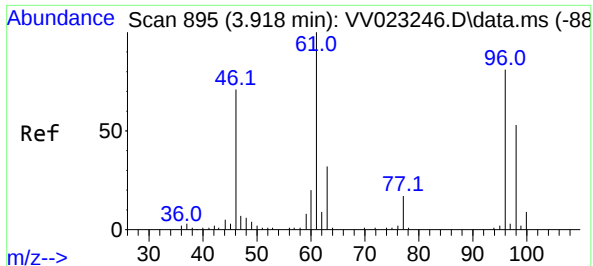
Tgt Ion: 63 Resp: 89838
Ion Ratio Lower Upper
63 100
65 32.1 22.6 42.0
83 13.9 11.1 20.7



#21
2-Butanone
Concen: 63.372 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.023 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 43 Resp: 95937
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.124 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

GB858MS

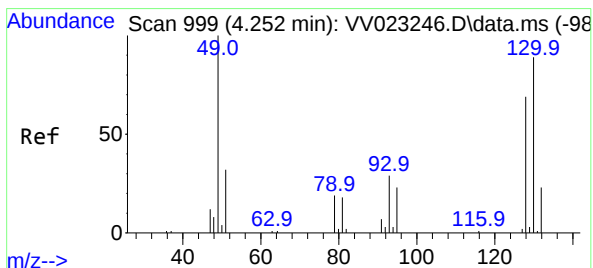
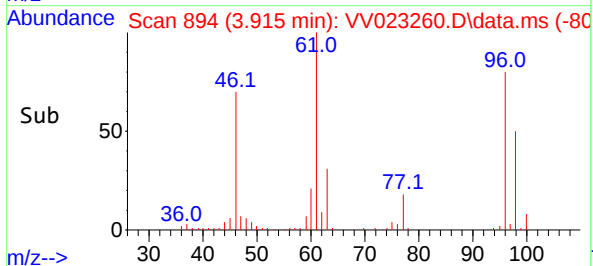
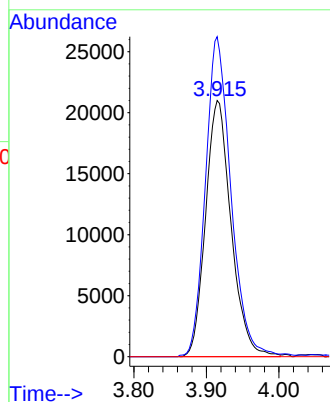
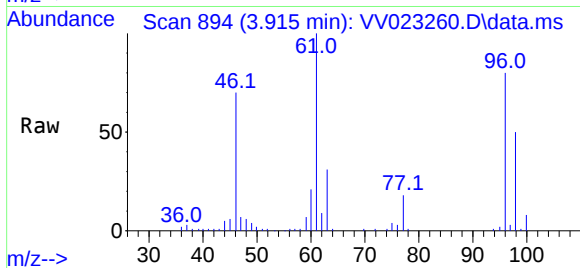
Tgt Ion: 96 Resp: 51323

Ion Ratio Lower Upper

96 100

61 124.9 92.3 171.3

68 0.0 0.4 0.8#



#23

Bromochloromethane

Concen: 5.175 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Tgt Ion:128 Resp: 23906

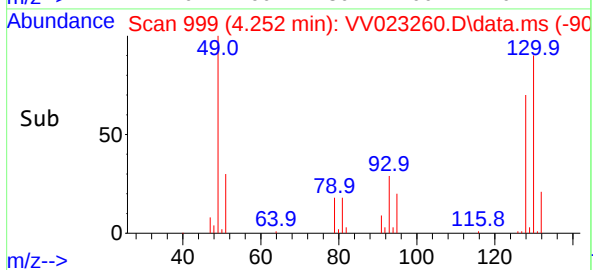
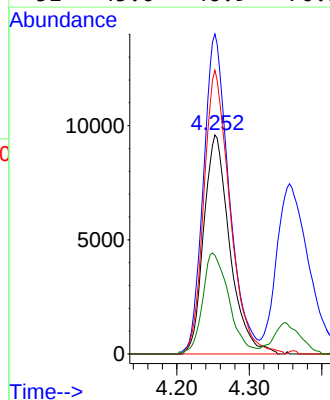
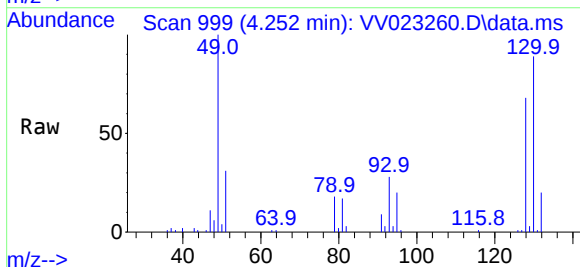
Ion Ratio Lower Upper

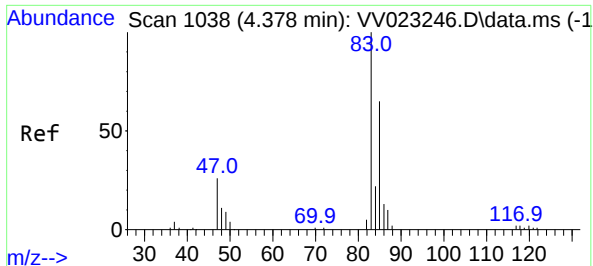
128 100

49 146.0 126.1 234.3

130 129.4 95.2 176.8

51 45.0 46.9 70.3#

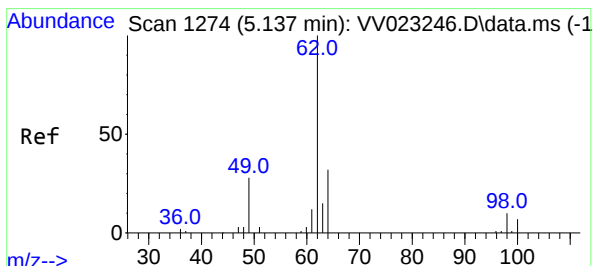
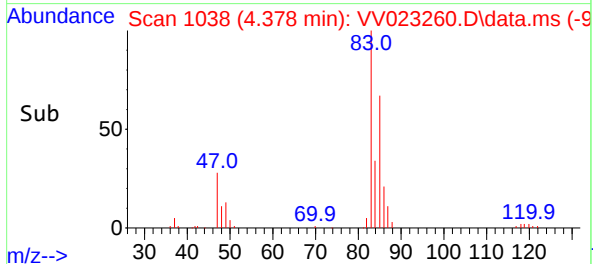
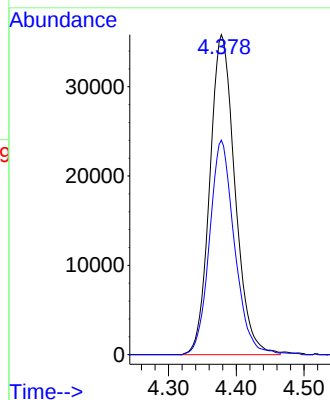
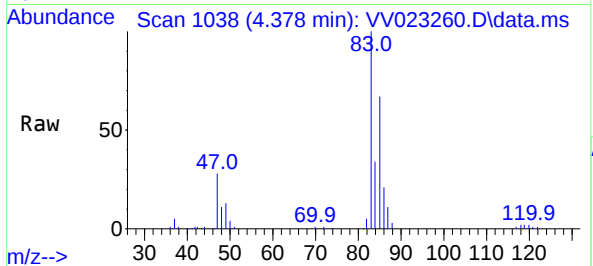




#25
Chloroform
Concen: 4.941 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

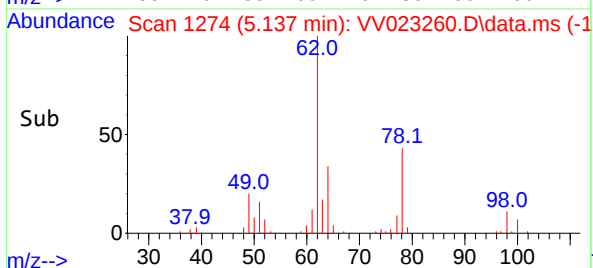
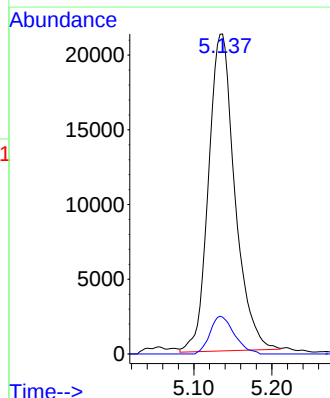
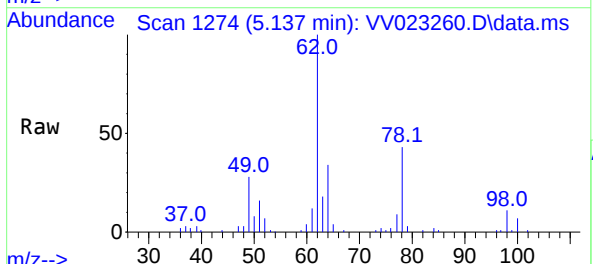
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

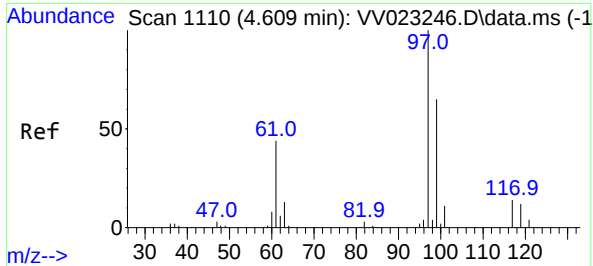
Tgt Ion: 83 Resp: 92558
Ion Ratio Lower Upper
83 100
85 67.1 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.009 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 62 Resp: 49906
Ion Ratio Lower Upper
62 100
98 11.5 8.2 12.4

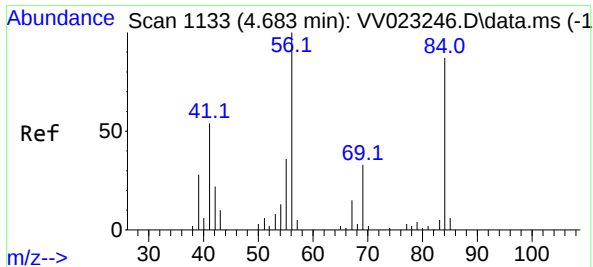
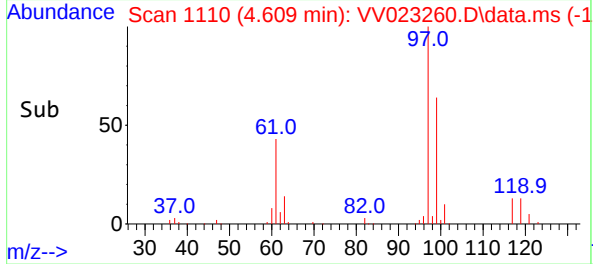
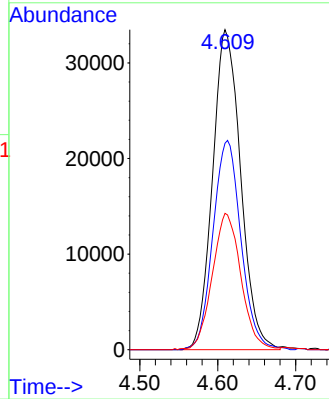
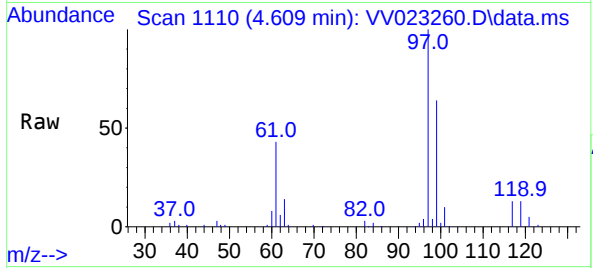




#29
1,1,1-Trichloroethane
Concen: 4.913 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

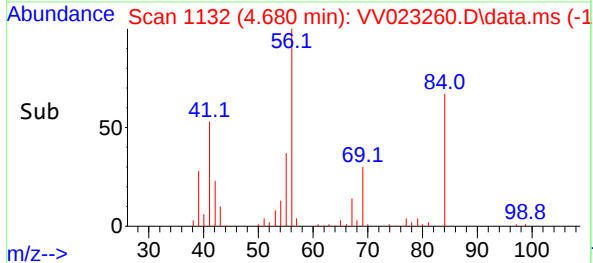
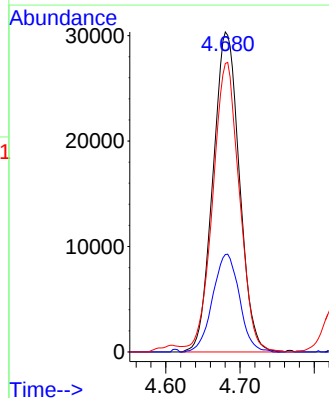
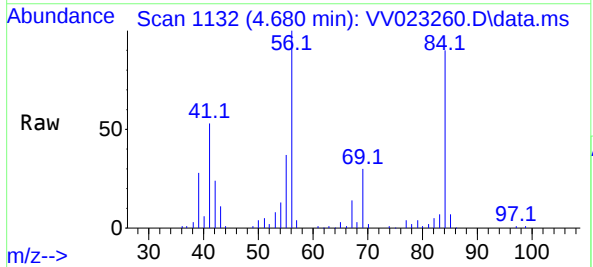
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

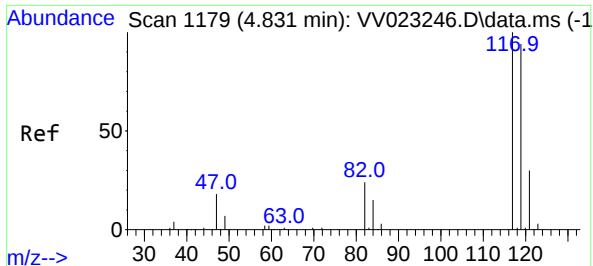
Tgt Ion:	97	Resp:	83923
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	43.3	34.1	51.1



#30
Cyclohexane
Concen: 4.902 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:	56	Resp:	75029
Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.5	35.3
84	91.4	71.6	107.4

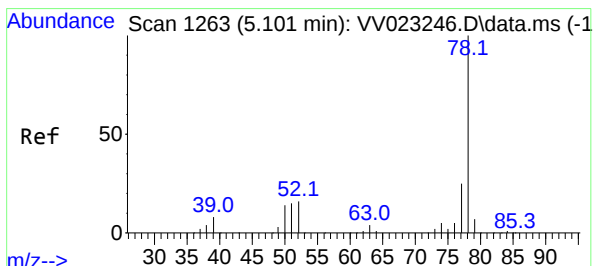
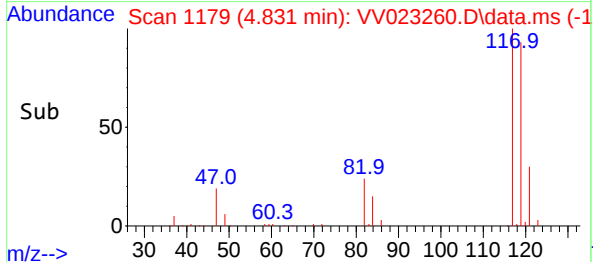
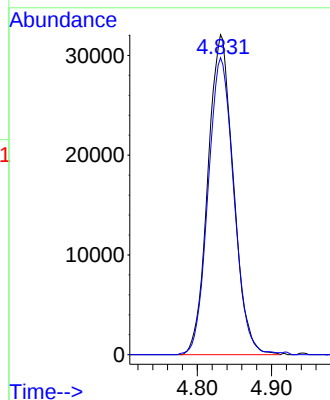
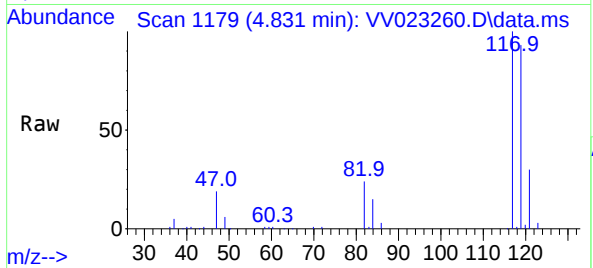




#31
Carbon tetrachloride
Concen: 4.978 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

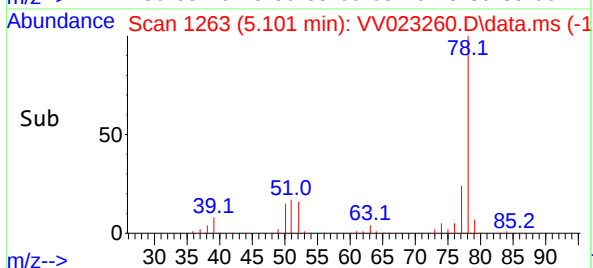
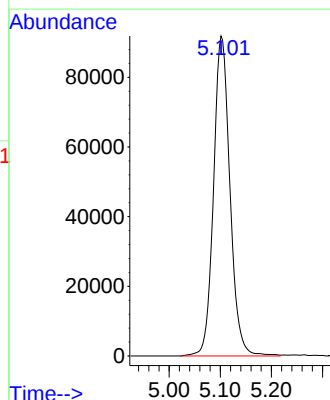
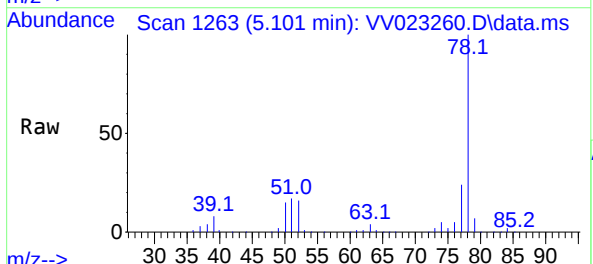
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

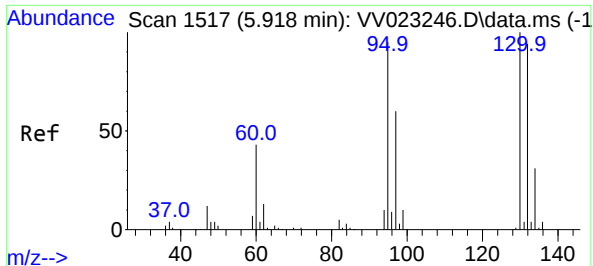
Tgt Ion:117 Resp: 76367
Ion Ratio Lower Upper
117 100
119 94.0 78.8 118.2



#33
Benzene
Concen: 5.216 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 78 Resp: 205070



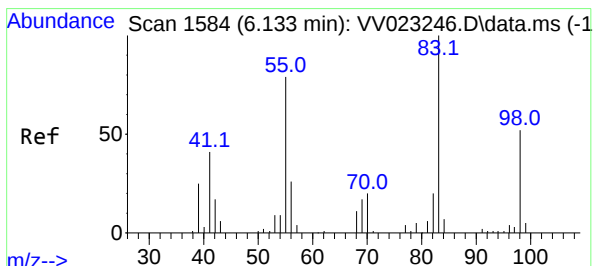
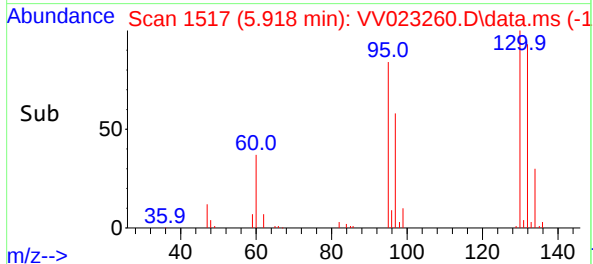
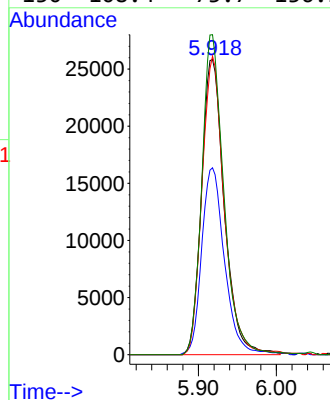
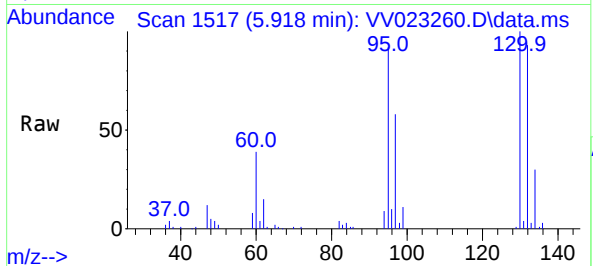


#34
Trichloroethene
Concen: 5.023 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Instrument :
MSVOA_V
ClientSampleId :
GB858MS

Tgt Ion: 95 Resp: 52517

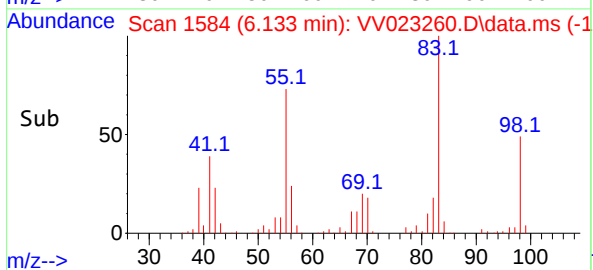
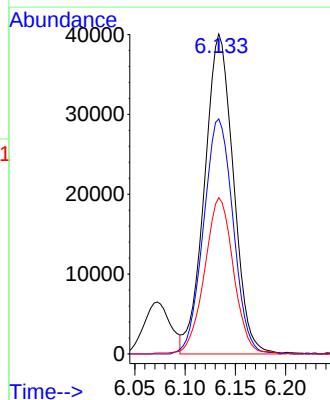
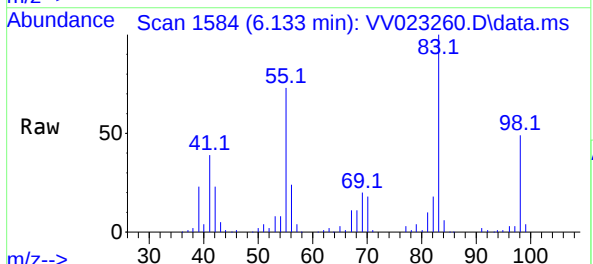
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.0	83.6
132	101.1	69.7	129.4
130	108.4	73.7	136.9

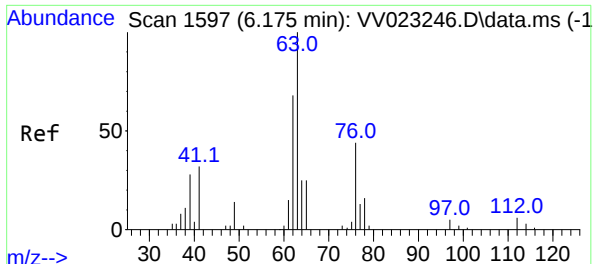


#35
Methylcyclohexane
Concen: 4.846 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 83 Resp: 79957

Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.8	94.2
98	49.2	37.9	56.9

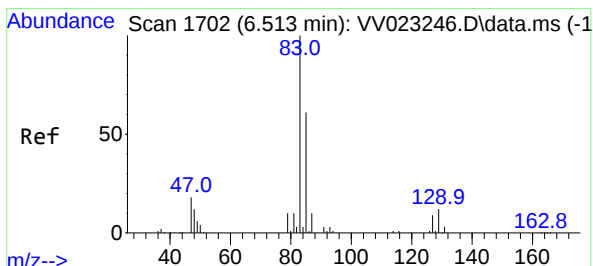
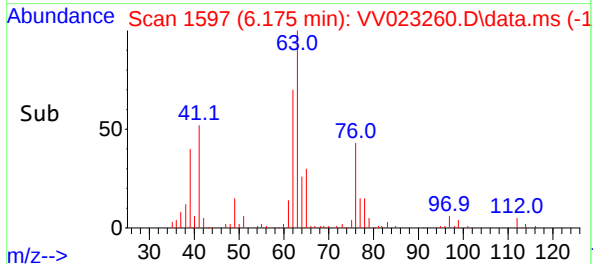
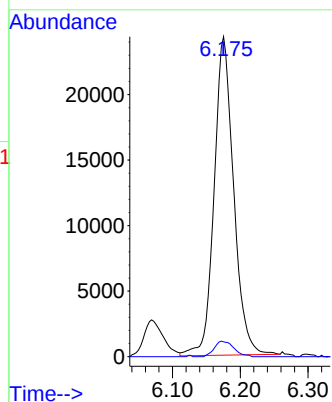
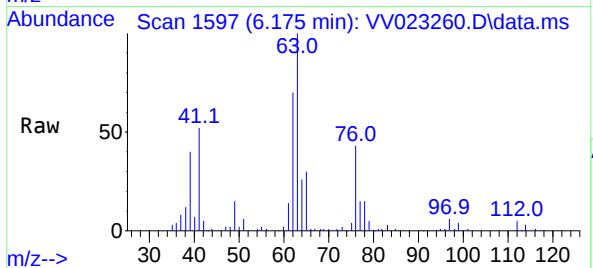




#37
1,2-Dichloropropane
Concen: 5.289 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

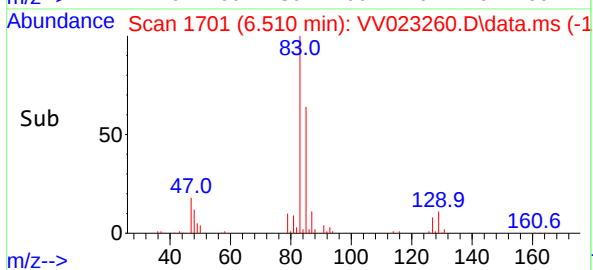
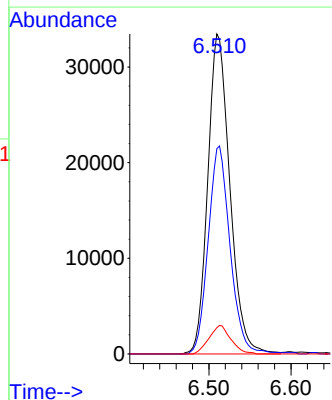
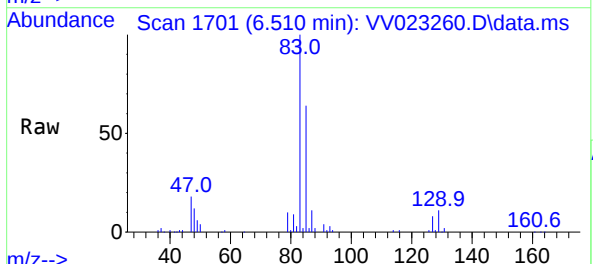
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

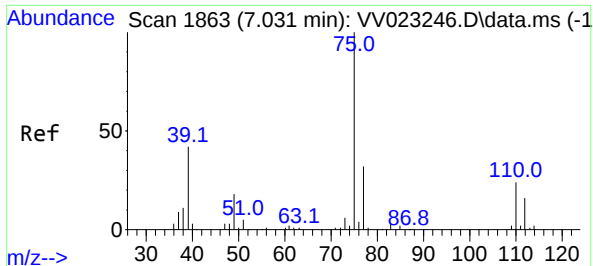
Tgt Ion: 63 Resp: 48538
Ion Ratio Lower Upper
63 100
112 4.9 4.6 6.8



#38
Bromodichloromethane
Concen: 5.101 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 83 Resp: 62735
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.7
127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.838 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

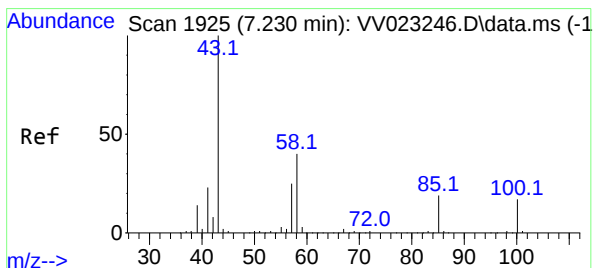
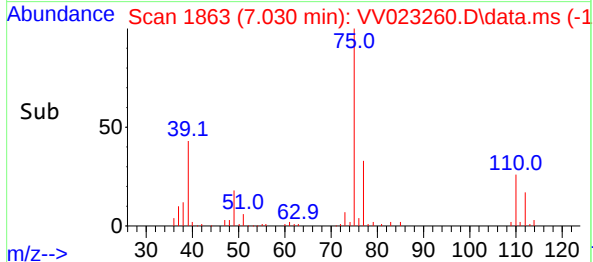
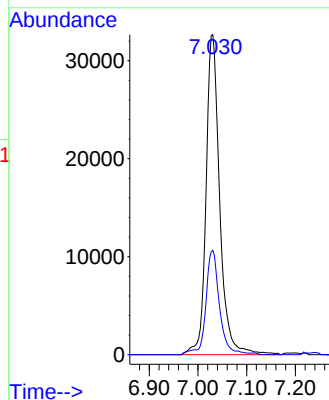
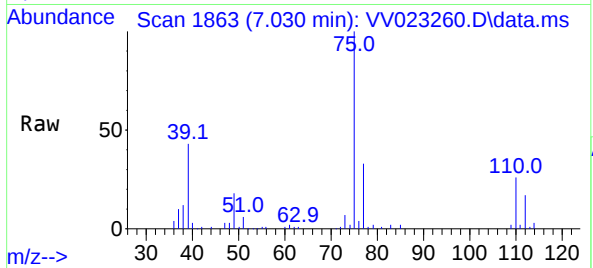
GB858MS

Tgt Ion: 75 Resp: 63858

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 56.181 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

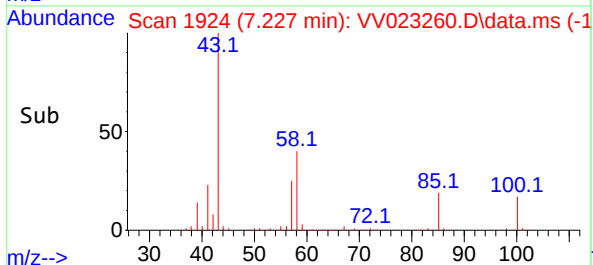
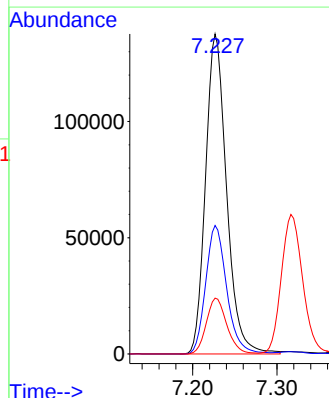
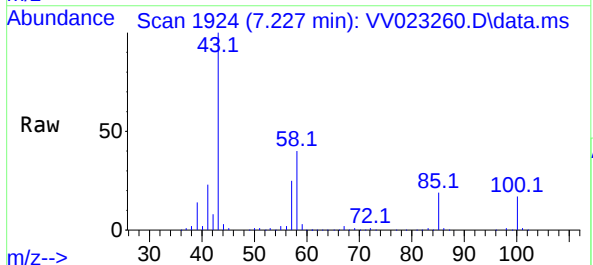
Tgt Ion: 43 Resp: 239138

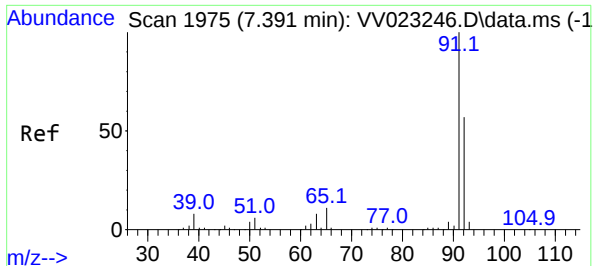
Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 17.1 12.6 19.0





#42

Toluene

Concen: 5.307 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

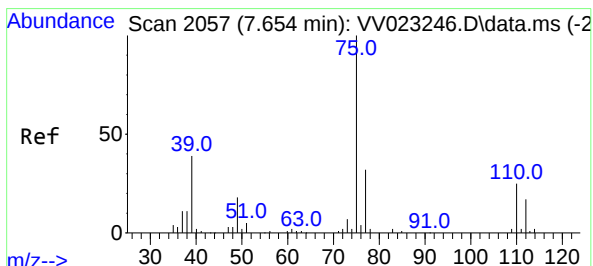
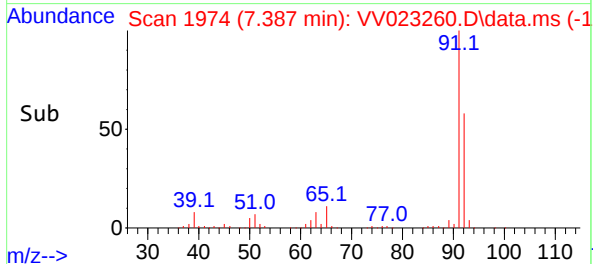
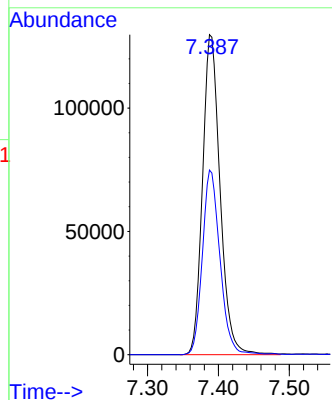
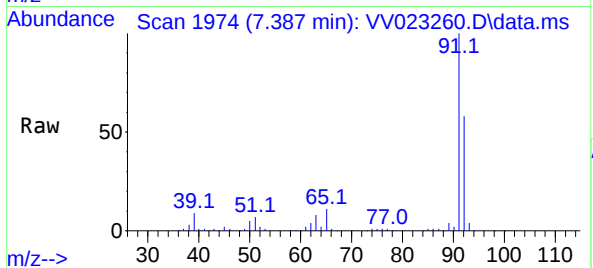
GB858MS

Tgt Ion: 91 Resp: 223169

Ion Ratio Lower Upper

91 100

92 57.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.053 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV023260.D

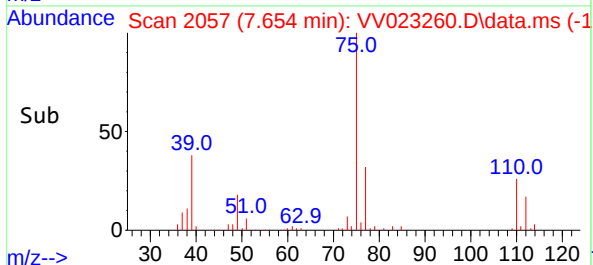
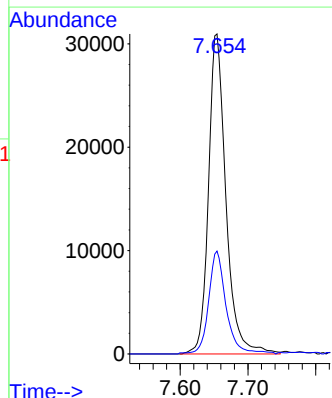
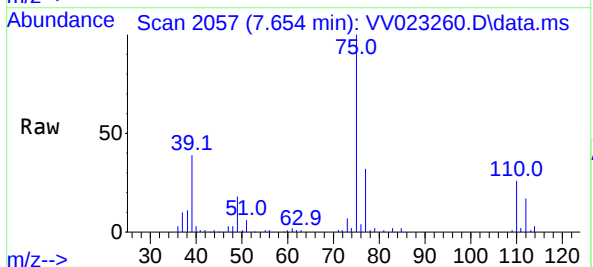
Acq: 06 Nov 2021 02:31

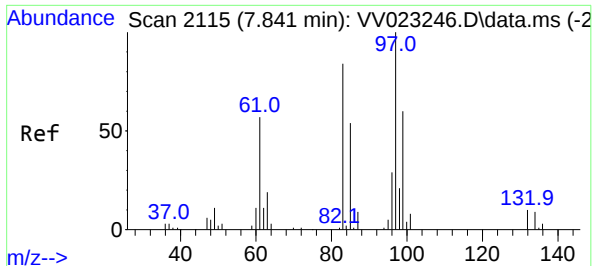
Tgt Ion: 75 Resp: 55340

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.061 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

GB858MS

Tgt Ion: 97 Resp: 33375

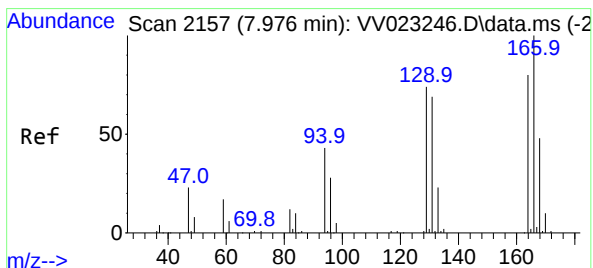
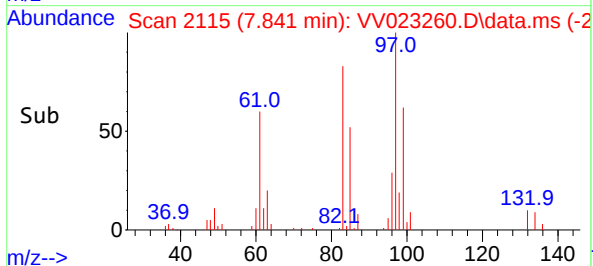
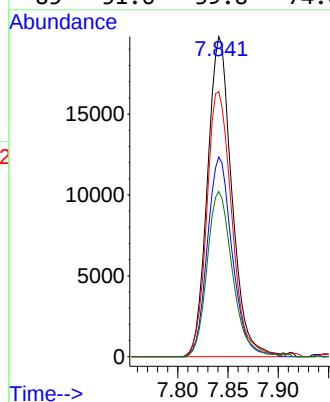
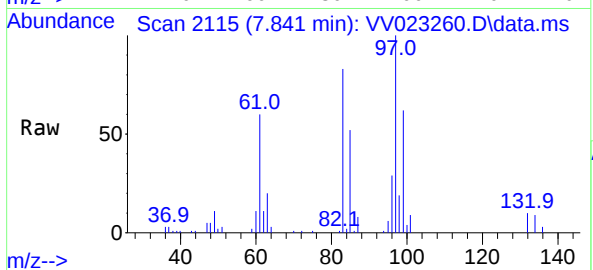
Ion Ratio Lower Upper

97 100

99 62.4 43.6 81.0

83 82.9 58.4 108.4

85 51.6 39.8 74.0



#47

Tetrachloroethene

Concen: 5.090 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Tgt Ion:164 Resp: 46116

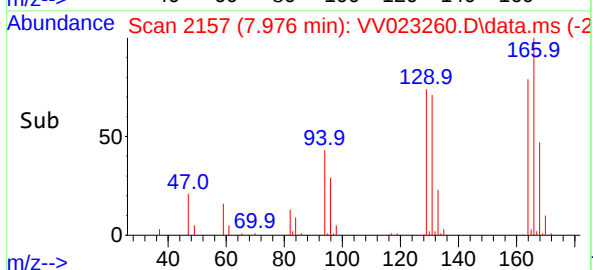
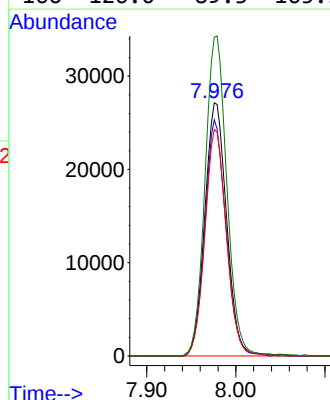
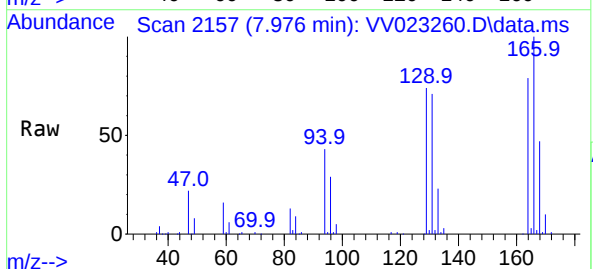
Ion Ratio Lower Upper

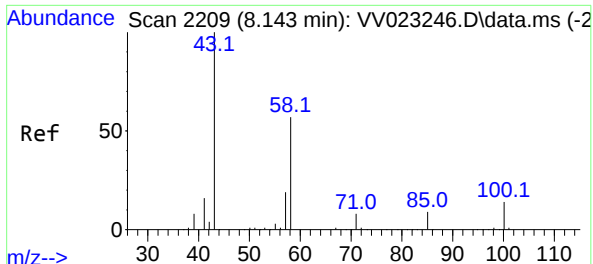
164 100

129 93.3 64.0 119.0

131 89.4 63.4 117.8

166 126.0 89.3 165.9

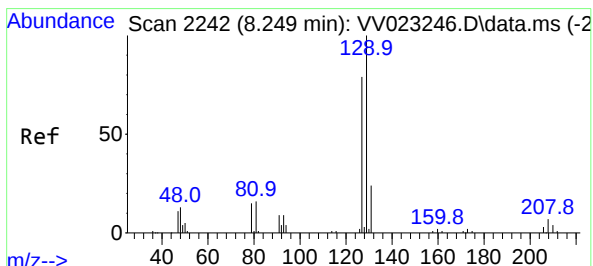
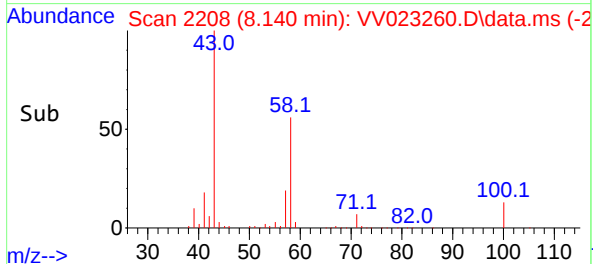
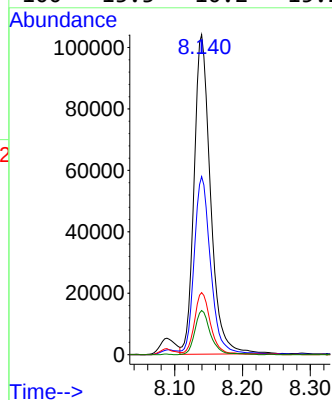
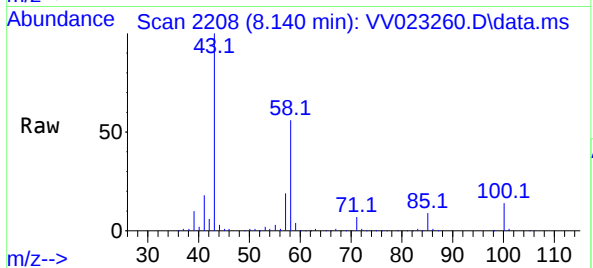




#48
2-Hexanone
Concen: 58.732 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

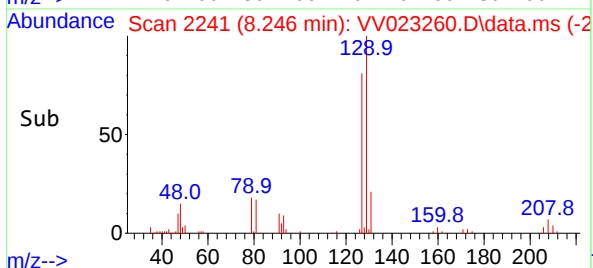
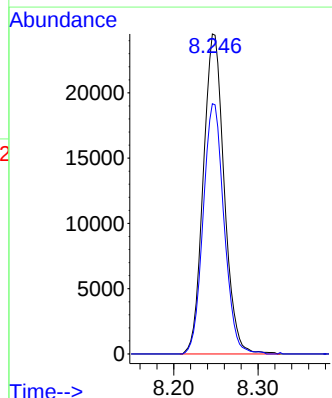
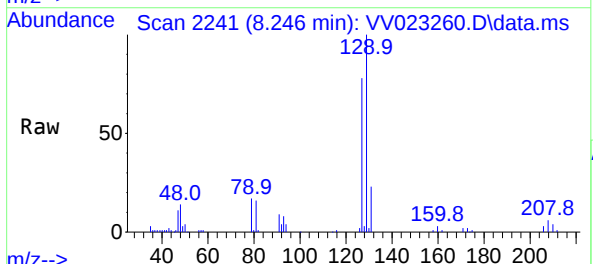
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

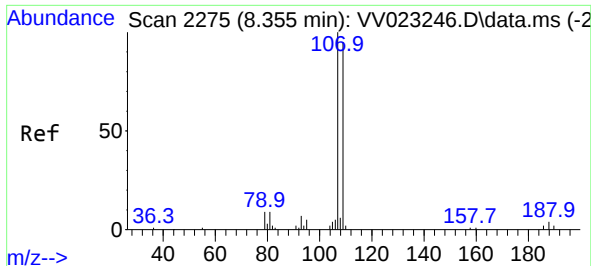
Tgt Ion: 43 Resp: 175176
Ion Ratio Lower Upper
43 100
58 55.6 43.7 65.5
57 18.7 14.1 21.1
100 13.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.061 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 129 Resp: 42287
Ion Ratio Lower Upper
129 100
127 78.2 54.7 101.7

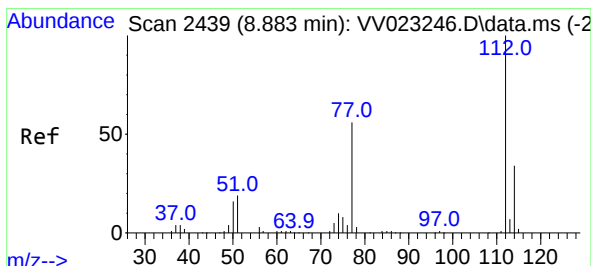
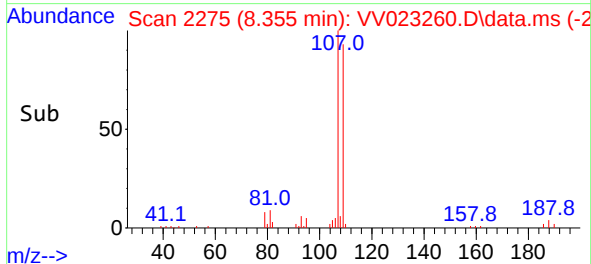
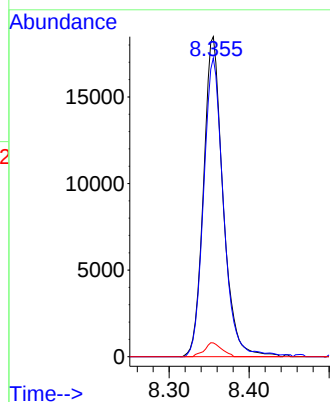
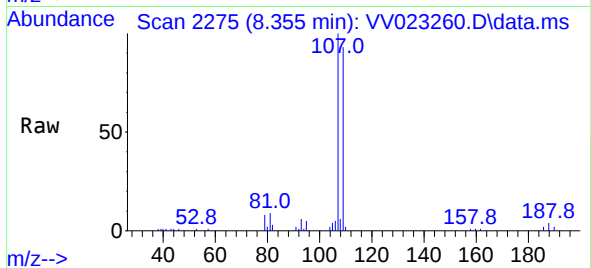




#50
1,2-Dibromoethane
Concen: 5.124 ug/L
RT: 8.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

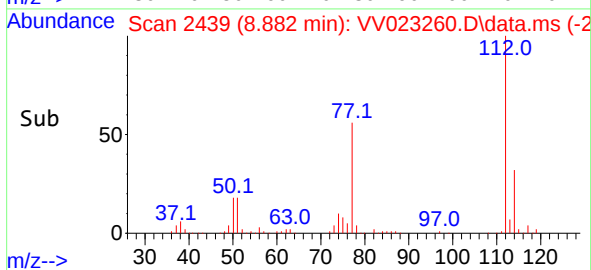
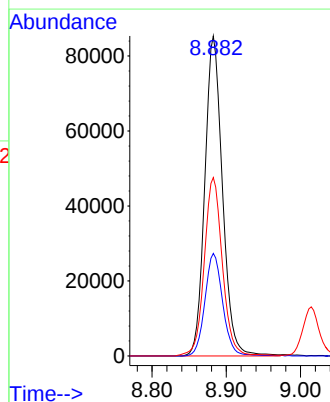
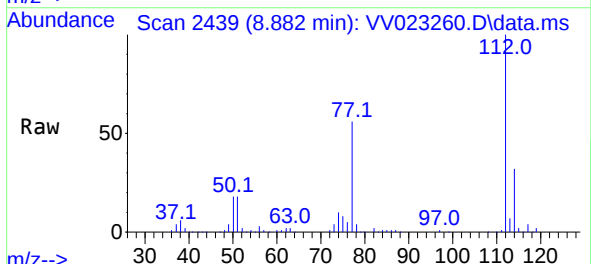
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

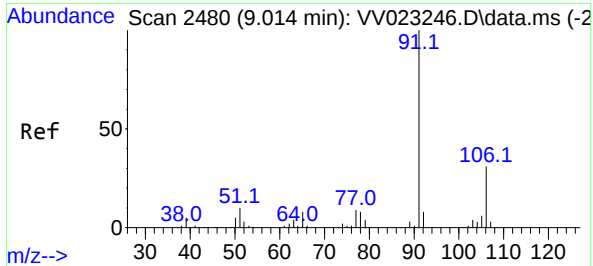
Tgt Ion:107 Resp: 31312
Ion Ratio Lower Upper
107 100
109 93.3 64.7 120.1
188 4.3 3.6 5.4



#51
Chlorobenzene
Concen: 5.044 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:112 Resp: 140983
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 55.8 44.4 66.6

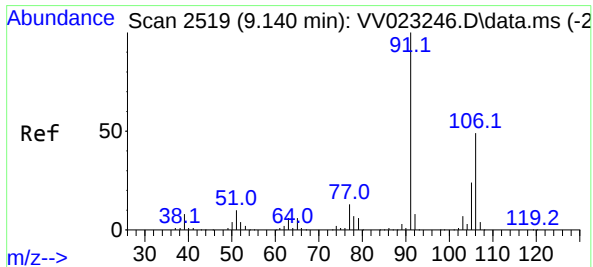
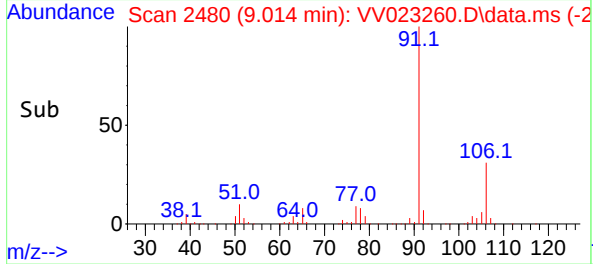
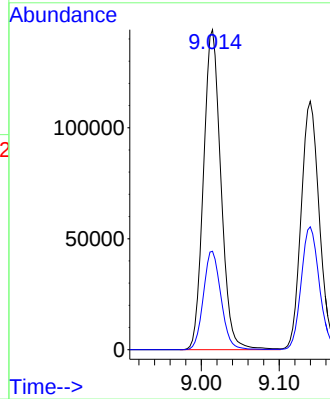
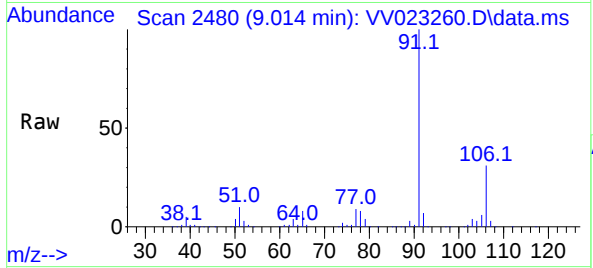




#52
Ethylbenzene
Concen: 5.057 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

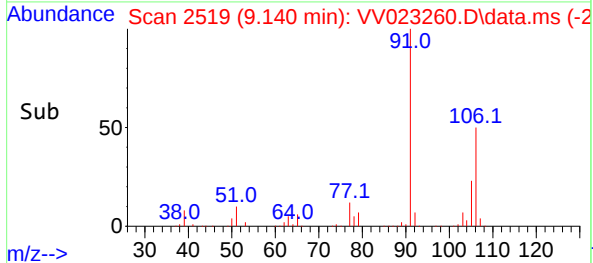
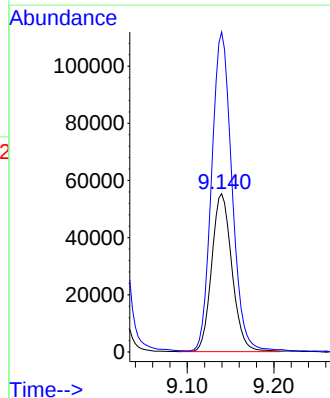
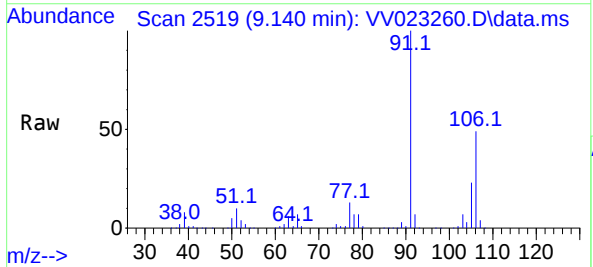
Instrument : MSVOA_V
ClientSampleId : GB858MS

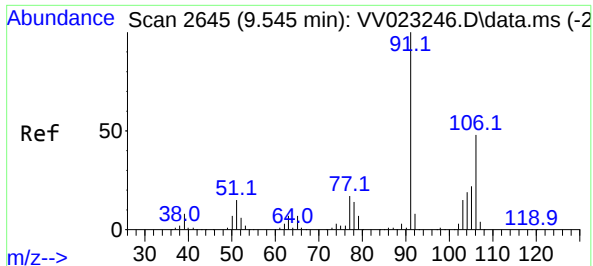
Tgt Ion: 91 Resp: 224251
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.9



#53
m,p-xylene
Concen: 5.151 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 106 Resp: 89658
Ion Ratio Lower Upper
106 100
91 202.1 137.2 254.8

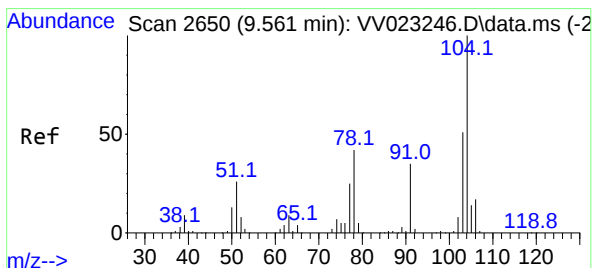
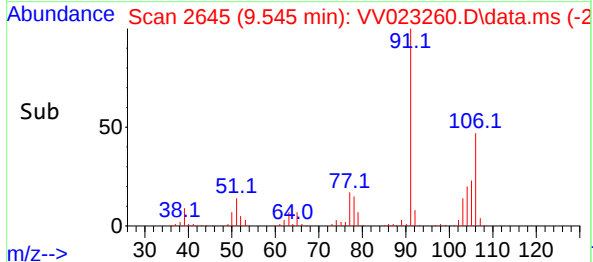
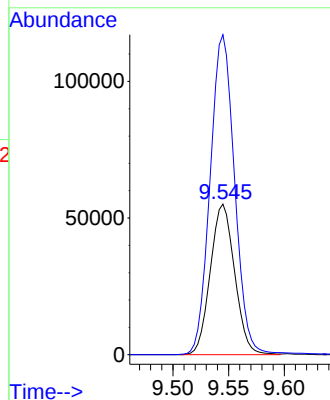
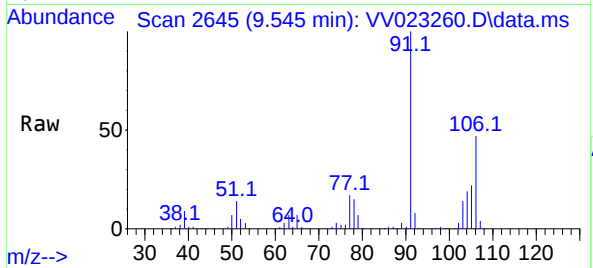




#54
o-xylene
Concen: 5.126 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

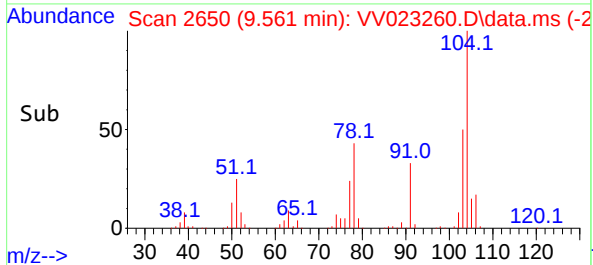
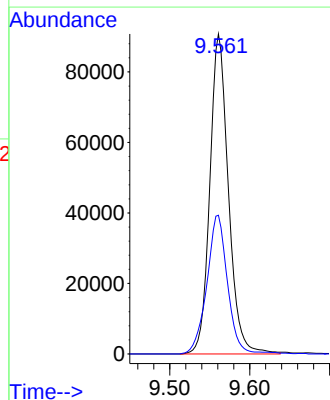
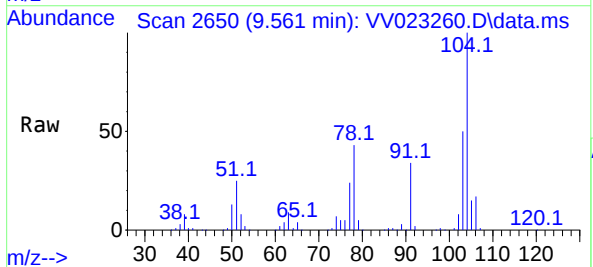
Instrument : MSVOA_V
ClientSampleId : GB858MS

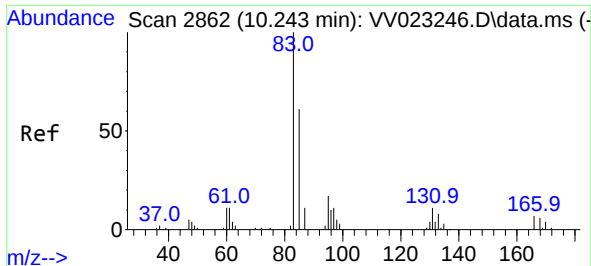
Tgt Ion:106 Resp: 83696
Ion Ratio Lower Upper
106 100
91 212.6 148.3 275.5



#55
Styrene
Concen: 5.238 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:104 Resp: 146522
Ion Ratio Lower Upper
104 100
78 43.4 29.3 54.3

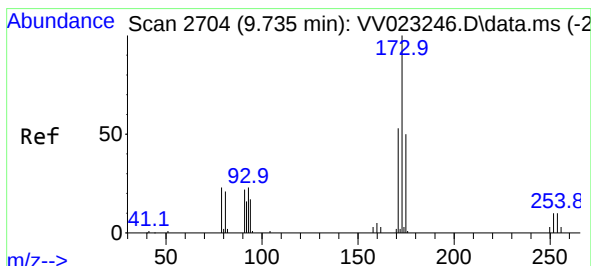
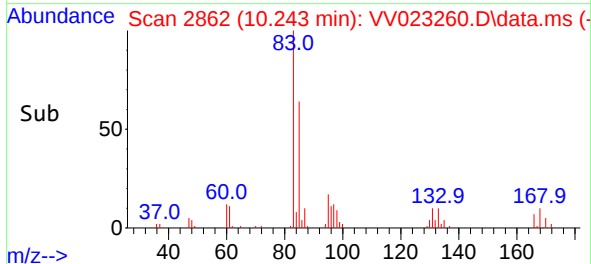
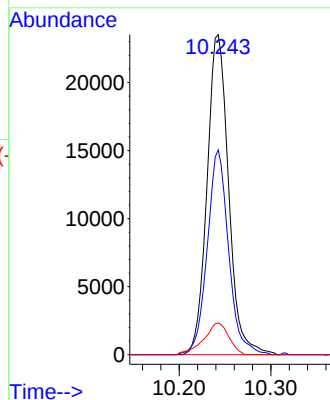
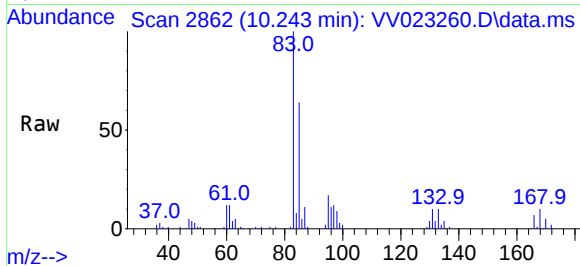




#57
1,1,2,2-Tetrachloroethane
Concen: 5.324 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

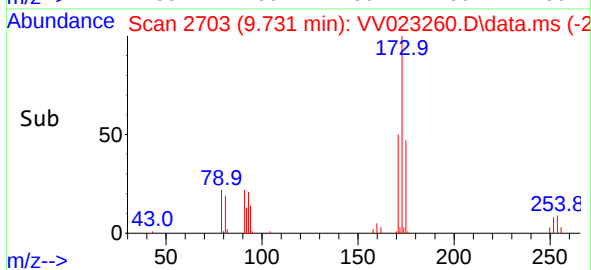
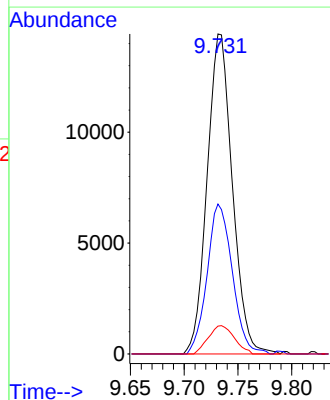
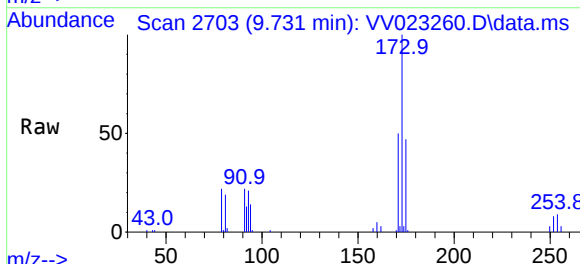
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

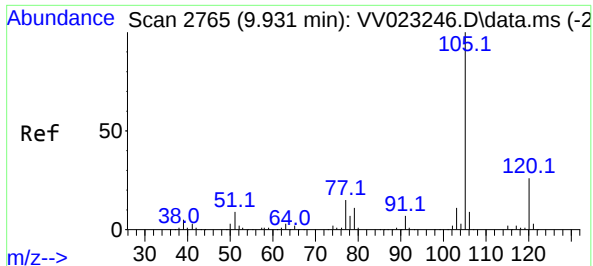
Tgt Ion: 83 Resp: 38464
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9
131 9.9 7.8 11.6



#59
Bromoform
Concen: 4.998 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 173 Resp: 23545
Ion Ratio Lower Upper
173 100
175 46.8 38.2 57.2
254 9.1 6.2 9.2

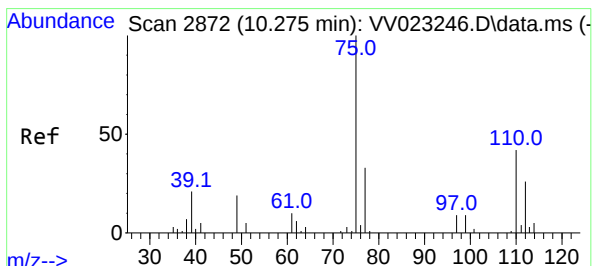
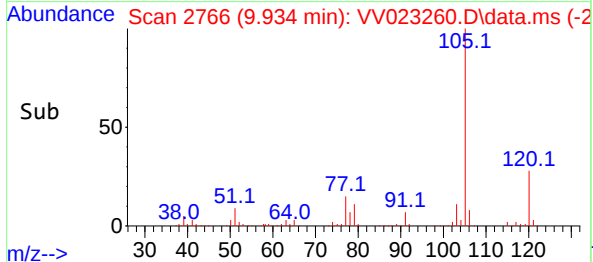
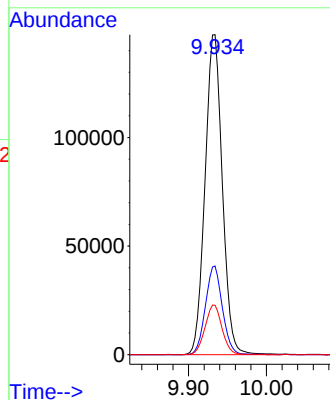
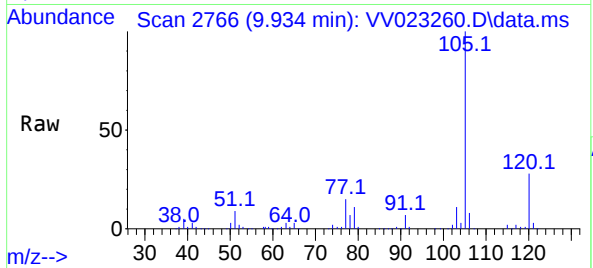




#60
Isopropylbenzene
Concen: 5.028 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

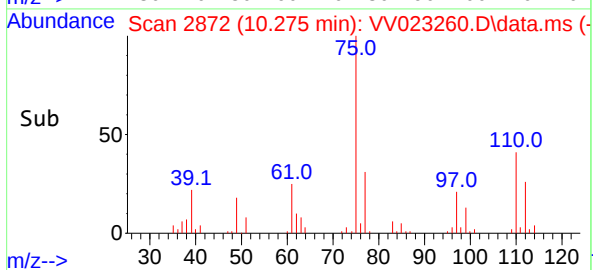
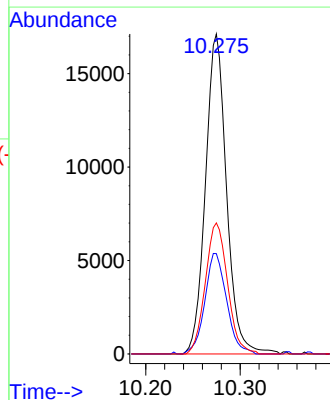
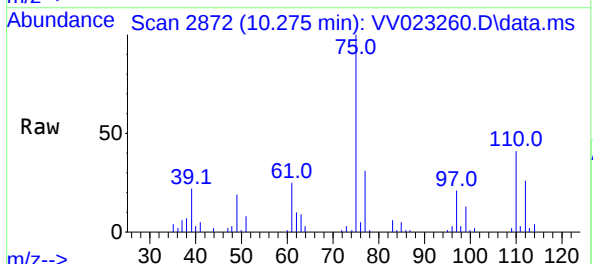
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

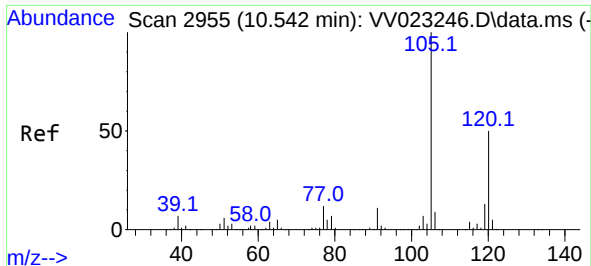
Tgt Ion:105 Resp: 227589
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.061 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 75 Resp: 26517
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.1 31.8 47.6

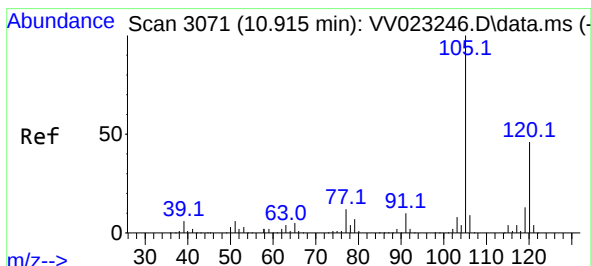
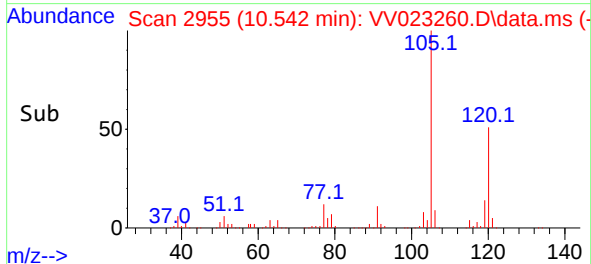
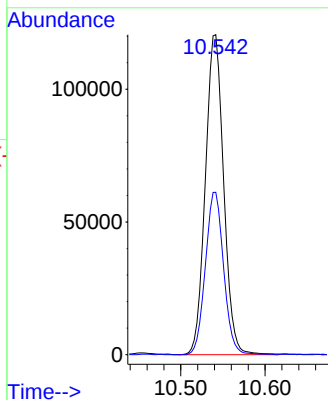
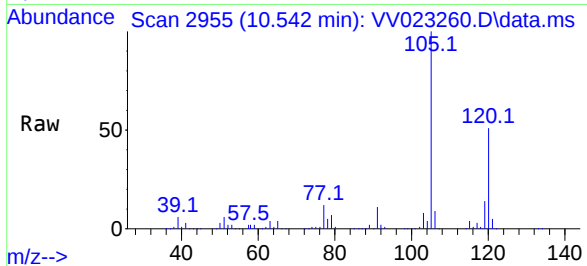




#62
1,3,5-Trimethylbenzene
Concen: 4.866 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

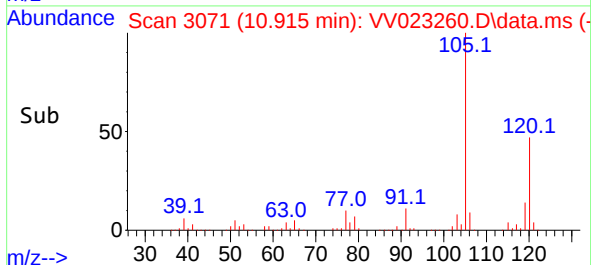
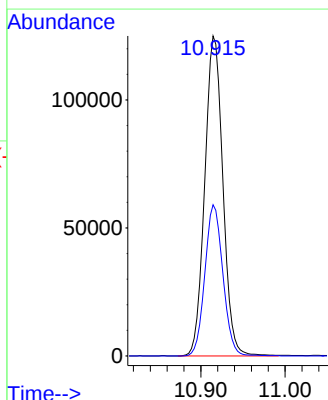
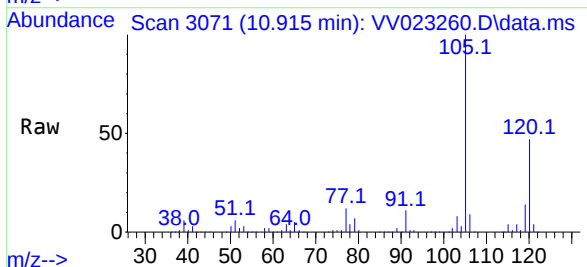
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

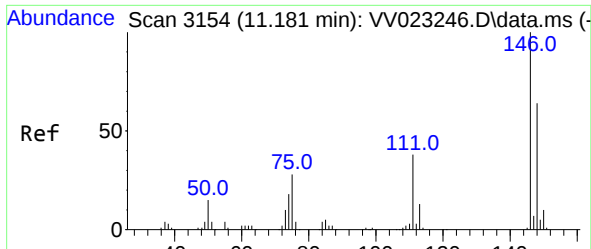
Tgt Ion:105 Resp: 182630
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.022 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:105 Resp: 187595
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2

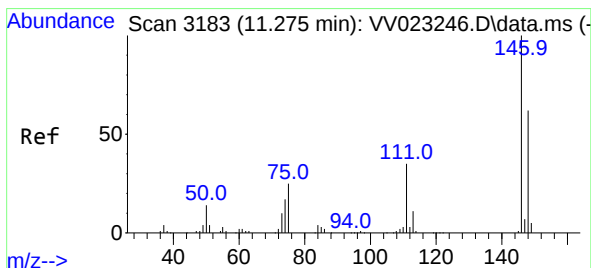
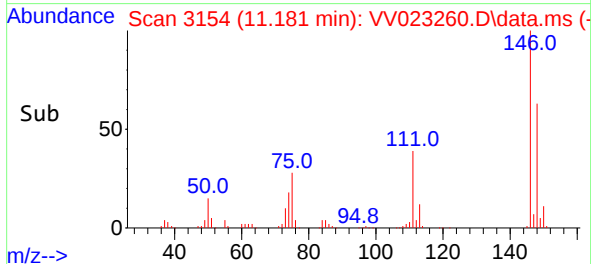
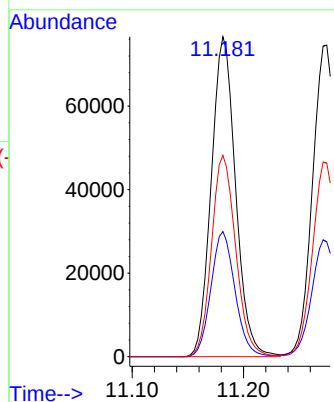
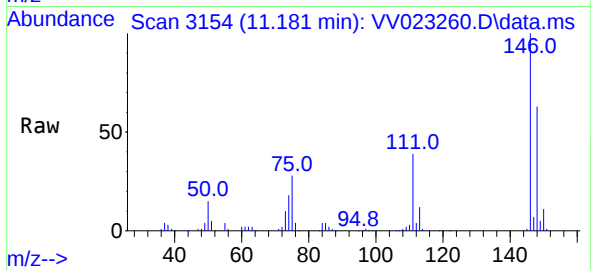




#64
1,3-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

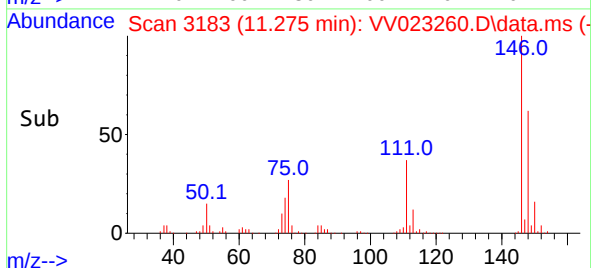
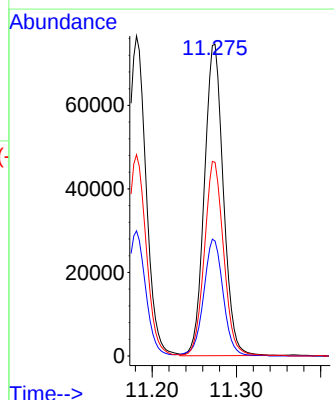
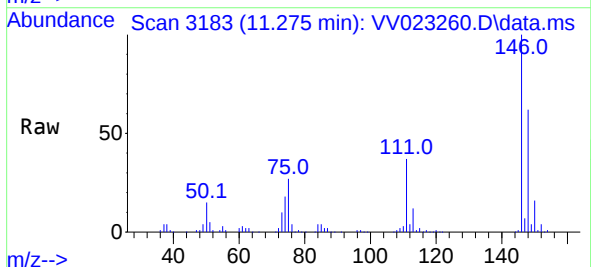
Instrument :
MSVOA_V
ClientSampleId :
GB858MS

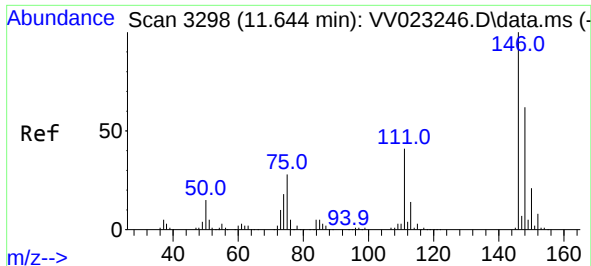
Tgt Ion:146 Resp: 116157
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 62.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.961 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:146 Resp: 117159
Ion Ratio Lower Upper
146 100
111 36.9 26.2 48.8
148 62.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 5.075 ug/L

RT: 11.644 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

GB858MS

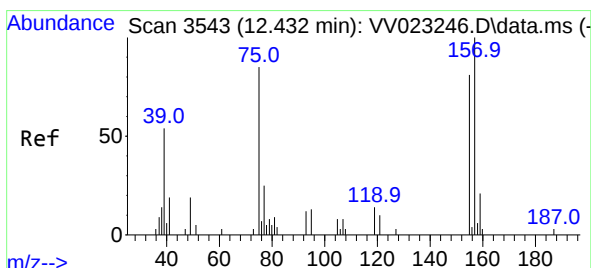
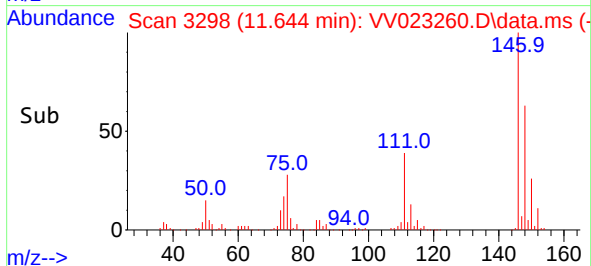
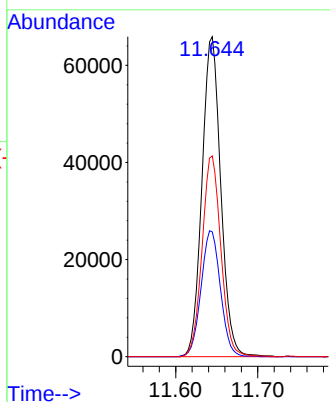
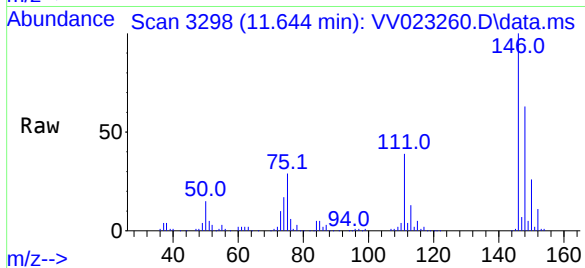
Tgt Ion:146 Resp: 105019

Ion Ratio Lower Upper

146 100

111 39.0 31.6 47.4

148 62.7 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.078 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

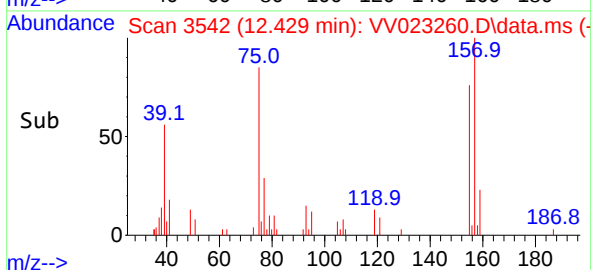
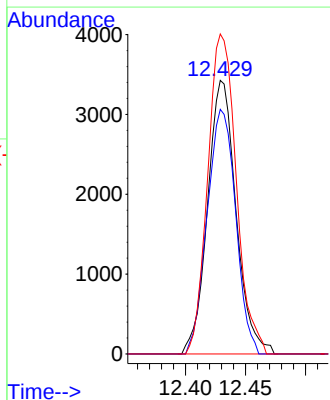
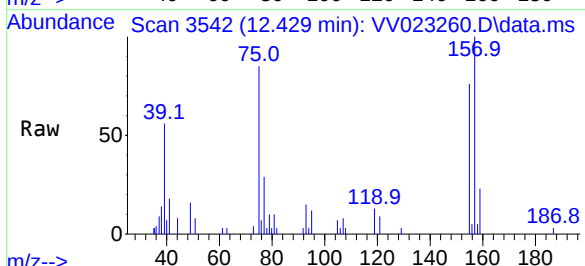
Tgt Ion: 75 Resp: 5668

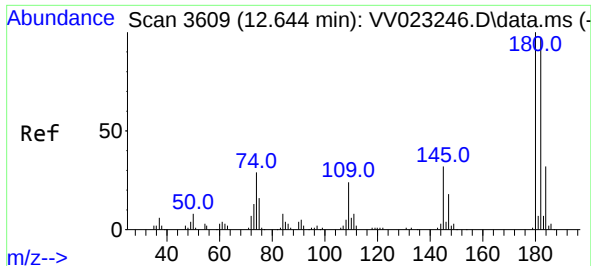
Ion Ratio Lower Upper

75 100

155 89.4 67.7 101.5

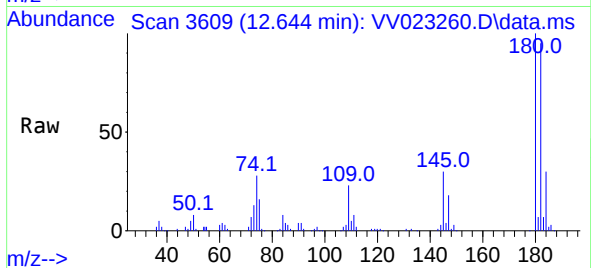
157 117.0 87.9 131.9



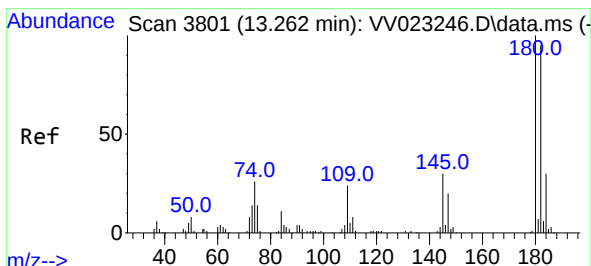
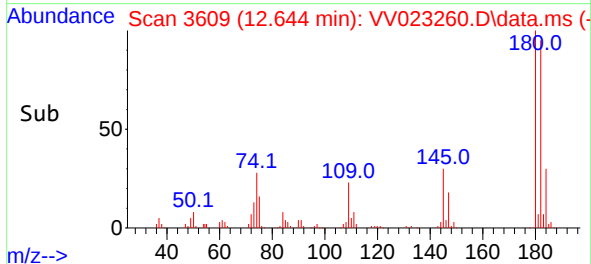
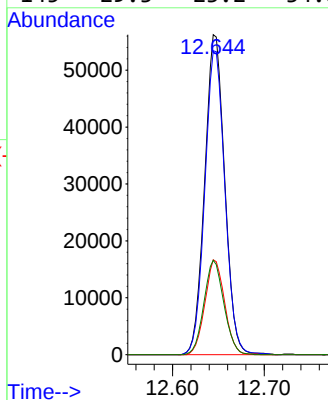


#69
1,3,5-Trichlorobenzene
Concen: 4.716 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Instrument :
MSVOA_V
ClientSampleId :
GB858MS

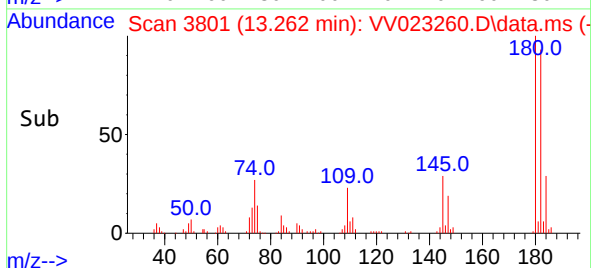
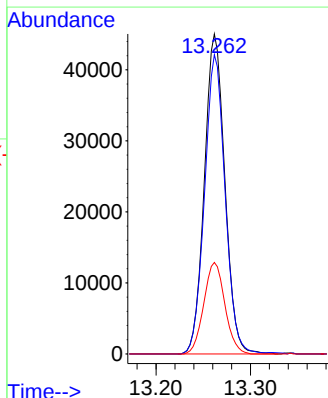
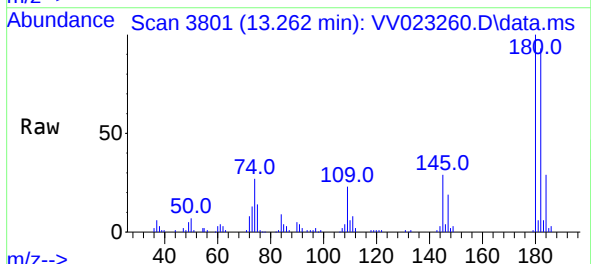


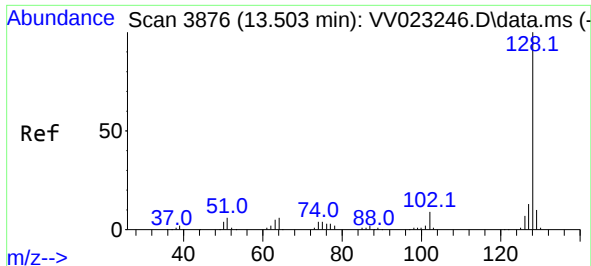
Tgt Ion:180 Resp: 85385
Ion Ratio Lower Upper
180 100
182 95.3 74.9 112.3
184 29.1 23.8 35.8
145 29.3 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.675 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:180 Resp: 67793
Ion Ratio Lower Upper
180 100
182 93.8 76.9 115.3
145 29.4 24.4 36.6

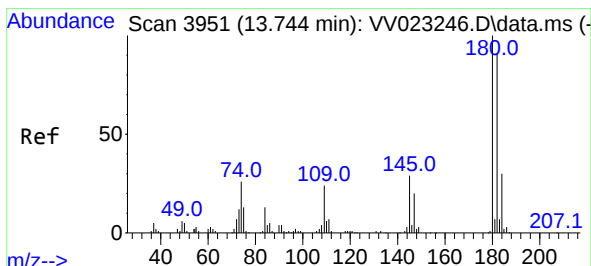
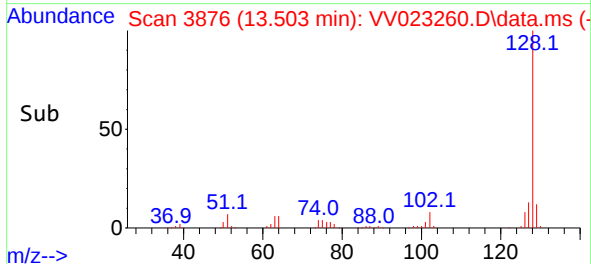
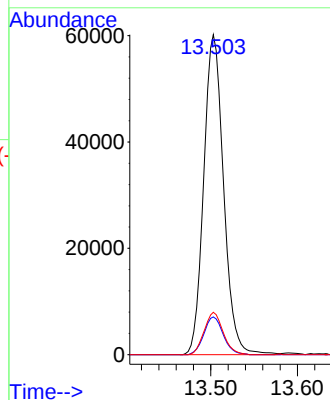
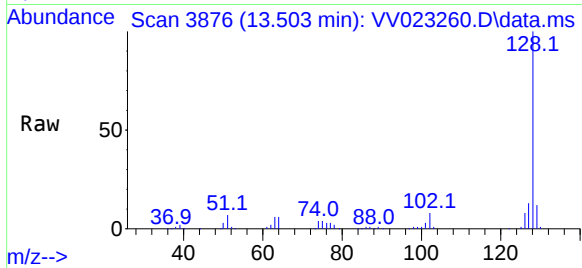




#71
Naphthalene
Concen: 4.485 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Instrument :
MSVOA_V
ClientSampleId :
GB858MS

Tgt Ion:128 Resp: 95883
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.7 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.738 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:180 Resp: 60107
Ion Ratio Lower Upper
180 100
182 95.6 76.7 115.1
145 32.3 25.7 38.5

