

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023535.D
 Acq On : 16 Nov 2021 15:34
 Operator : SY/MD
 Sample : M4616-06DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X9DL

Quant Time: Nov 17 00:53:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31402	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.568	69	26396	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	45520	3.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.912	46	37659	29.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.080%
24) Chloroform-d	4.349	84	63979	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.037	65	33284	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.050	84	129103	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.069	67	39378	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.317	98	112361	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	14188	4.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.095	63	47934	38.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25195	3.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	44197	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	6831	0.583	ug/L	100
12) 1,1-Dichloroethene	2.114	96	773	0.108	ug/L #	1
16) Methylene chloride	2.507	84	6962	0.666	ug/L	95
22) cis-1,2-Dichloroethene	3.921	96	713	0.084	ug/L #	95
25) Chloroform	4.381	83	6449	0.407	ug/L	98
27) 1,2-Dichloroethane	5.047	62	932	0.111	ug/L #	72
34) Trichloroethene	5.918	95	12349	1.394	ug/L	93
35) Methylcyclohexane	6.072	83	10474	0.749	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4437	0.571	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1137	0.102	ug/L #	81
45) 1,1,2-Trichloroethane	7.976	97	688	0.123	ug/L #	29
47) Tetrachloroethene	7.976	164	70823	9.227	ug/L	98
48) 2-Hexanone	8.146	43	4223	1.671	ug/L #	68
49) Dibromochloromethane	7.976	129	64271	9.080	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6986	1.981	ug/L #	62
64) 1,3-Dichlorobenzene	11.278	146	4890	0.314	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	4890	0.308	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	3240	0.233	ug/L	94

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Quant Time: Nov 17 00:53:07 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

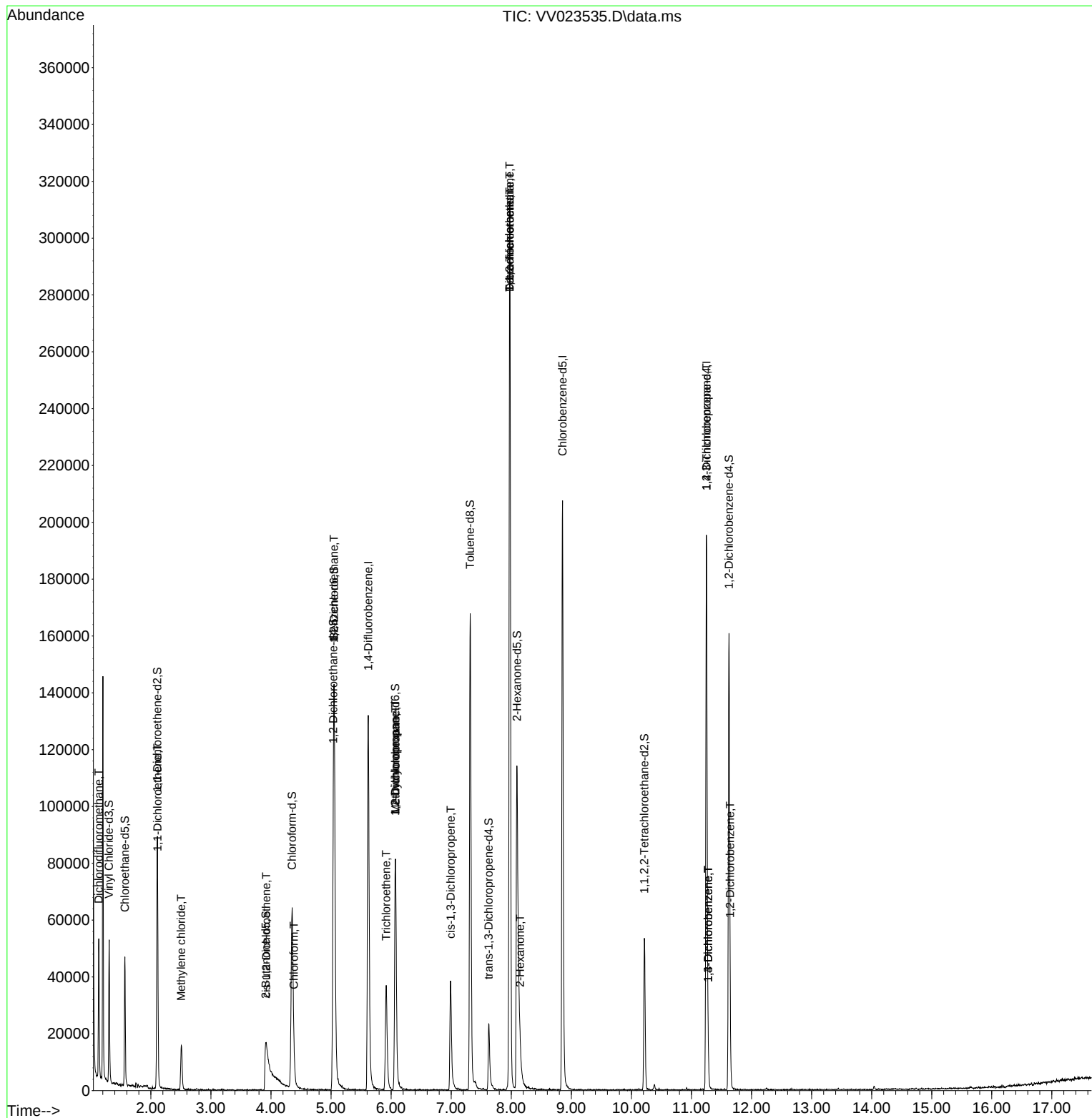
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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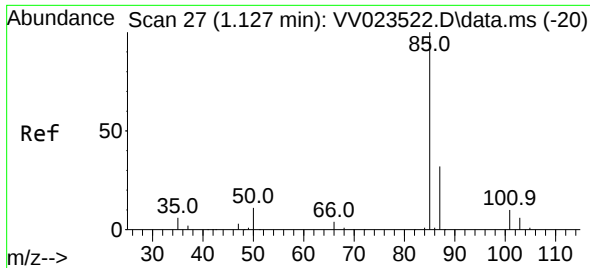
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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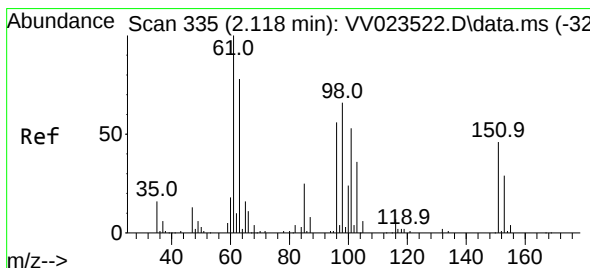
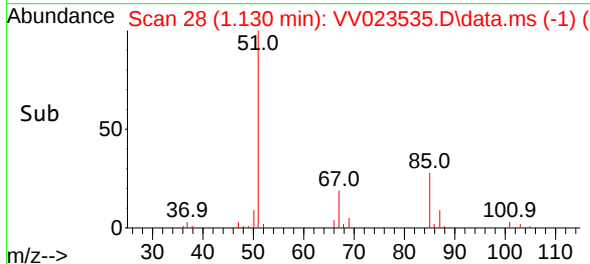
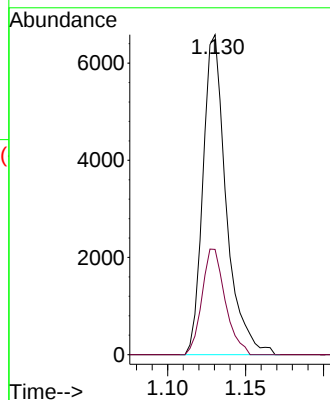
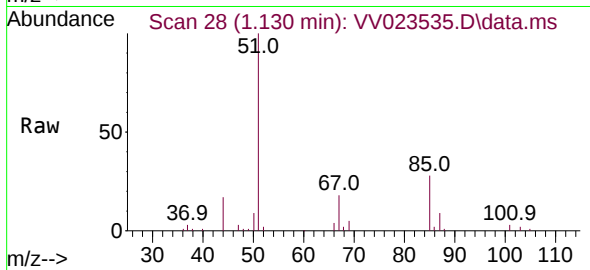




#2
Dichlorodifluoromethane
Concen: 0.583 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

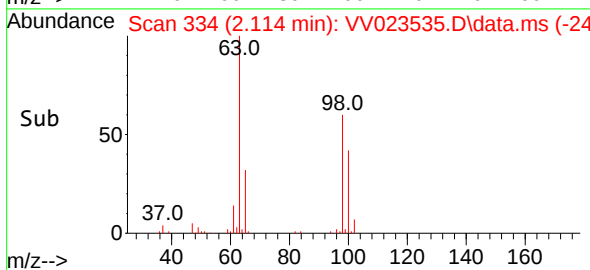
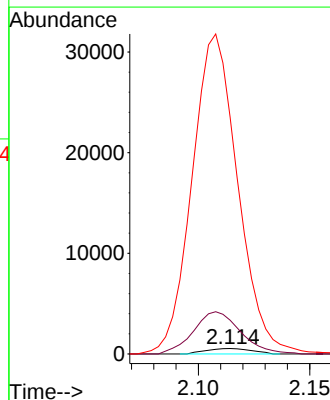
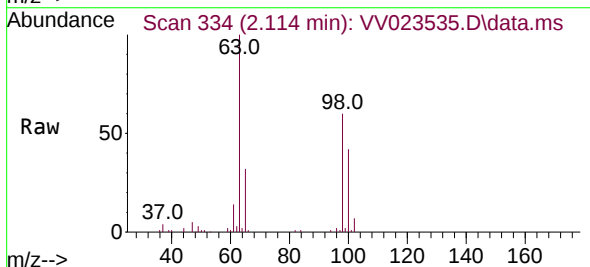
Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

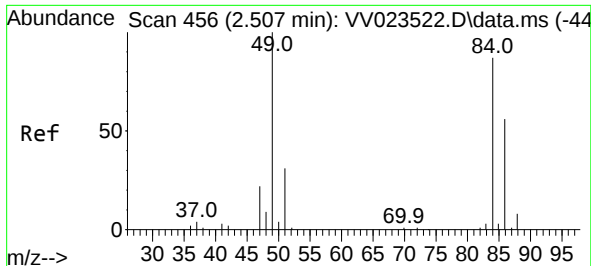
Tgt Ion: 85 Resp: 6831
Ion Ratio Lower Upper
85 100
87 33.0 26.6 39.8



#12
1,1-Dichloroethene
Concen: 0.108 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion: 96 Resp: 773
Ion Ratio Lower Upper
96 100
61 620.0 121.5 225.7#
63 4347.5 99.6 185.0#

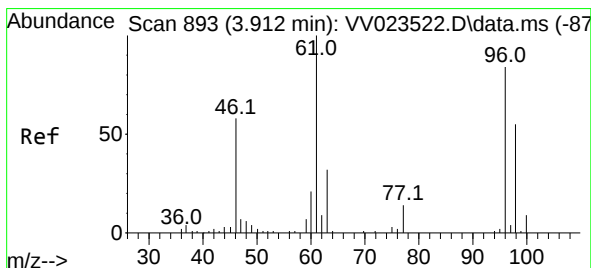
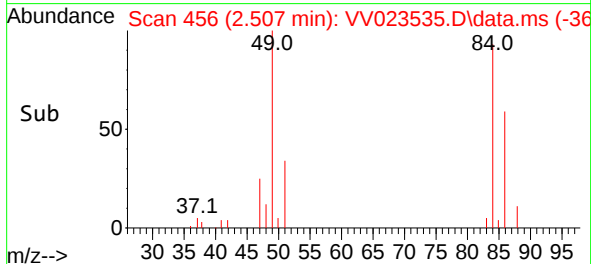
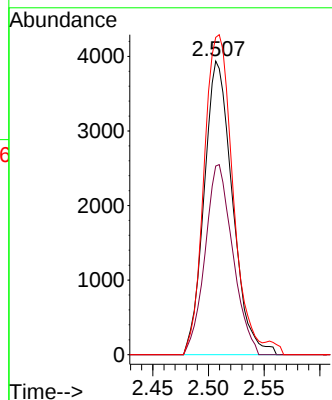
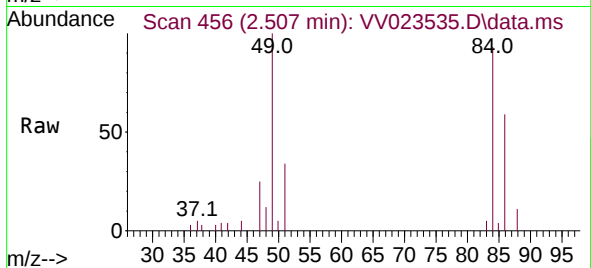




#16
Methylene chloride
Concen: 0.666 ug/L
RT: 2.507 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

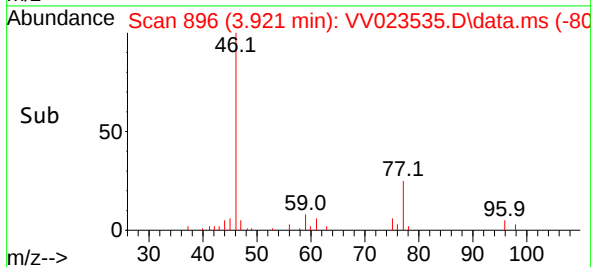
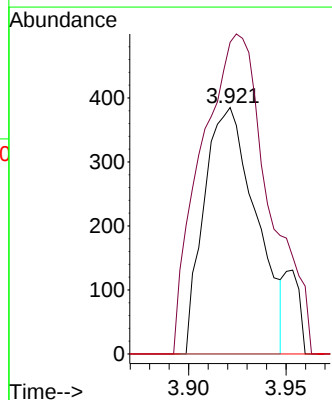
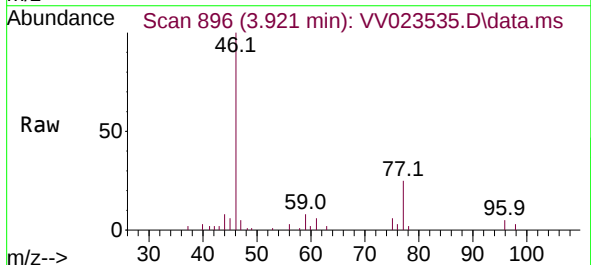
Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

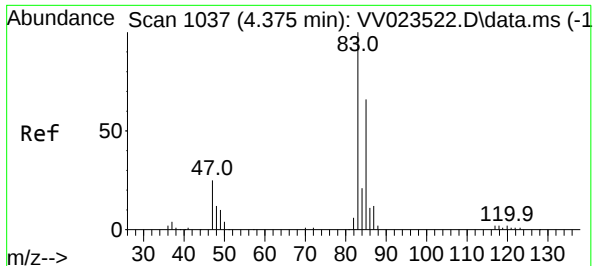
Tgt Ion: 84 Resp: 6962
Ion Ratio Lower Upper
84 100
86 64.3 42.3 78.5
49 108.1 79.7 148.1



#22
cis-1,2-Dichloroethene
Concen: 0.084 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 126.5 92.3 171.3
68 0.0 0.4 0.8#

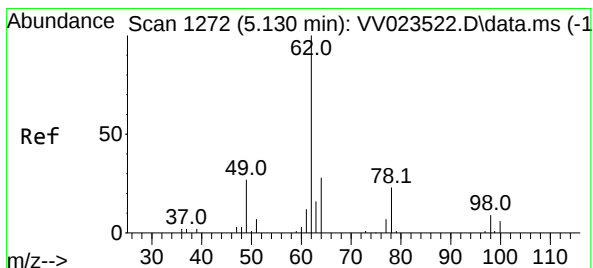
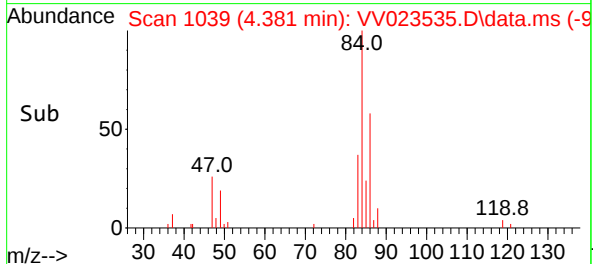
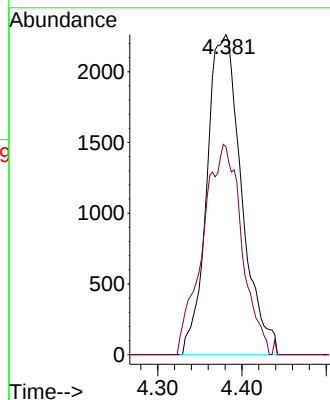
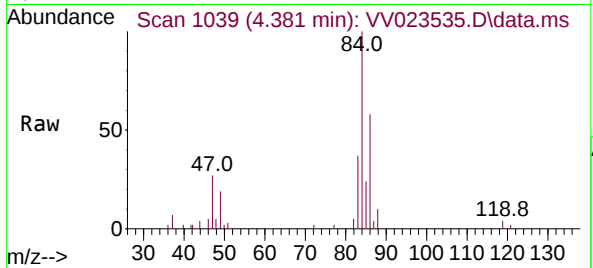




#25
Chloroform
Concen: 0.407 ug/L
RT: 4.381 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

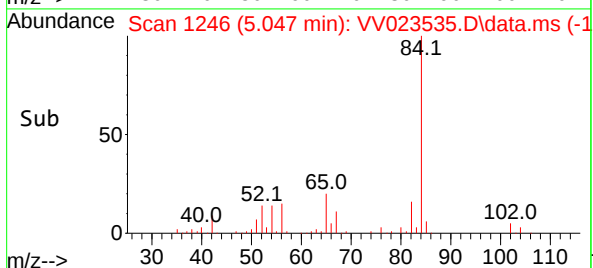
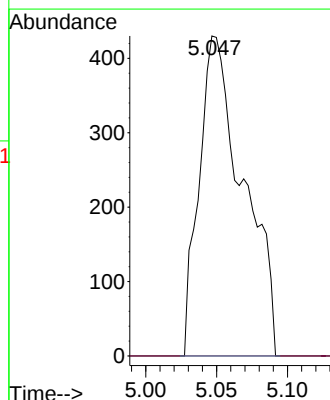
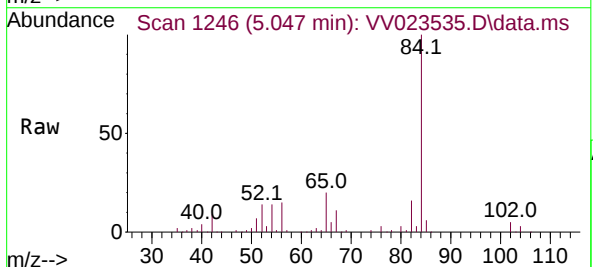
Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

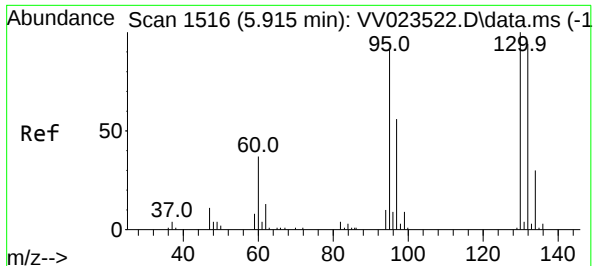
Tgt Ion: 83 Resp: 6449
Ion Ratio Lower Upper
83 100
85 65.0 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion: 62 Resp: 932
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

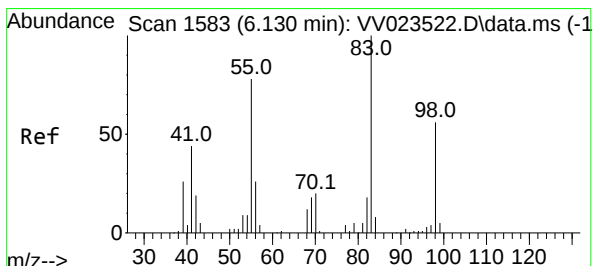
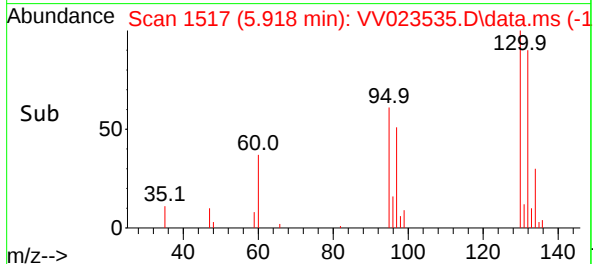
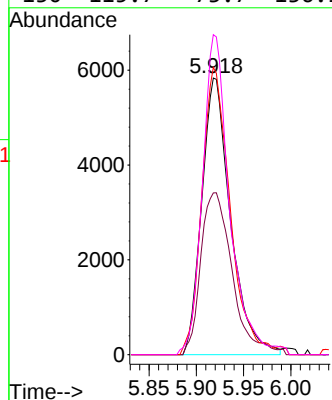
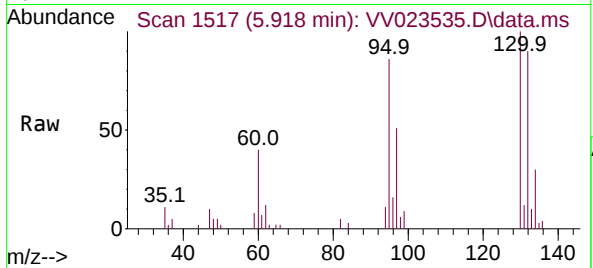




#34
Trichloroethene
Concen: 1.394 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

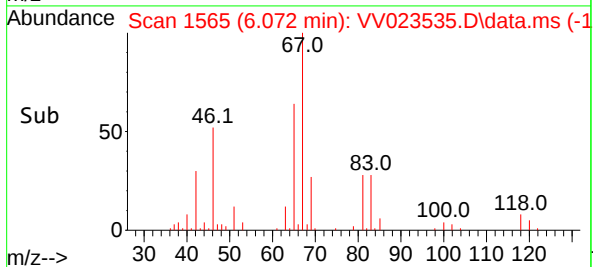
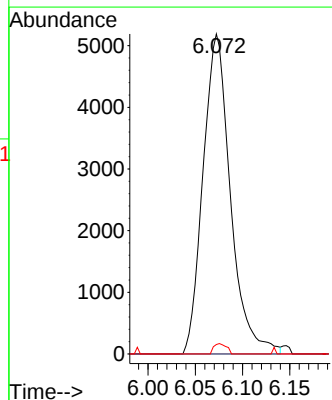
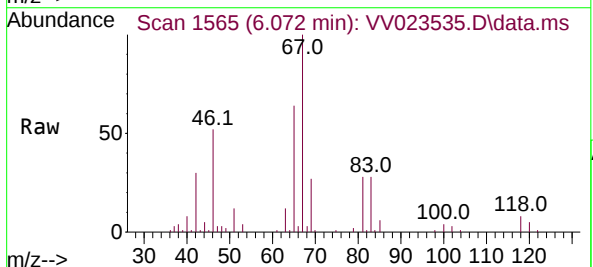
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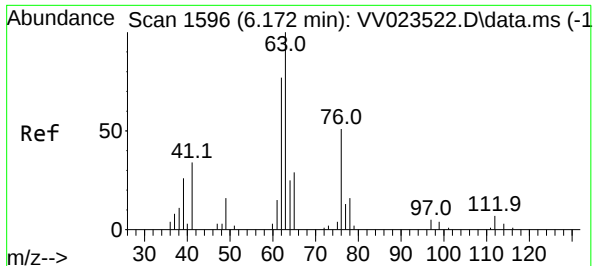
Tgt Ion:	95	Resp:	12349
Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.0	83.6
132	103.9	69.7	129.4
130	115.7	73.7	136.9



#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion:	83	Resp:	10474
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	1.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023535.D

Acq: 16 Nov 2021 15:34

Instrument :

MSVOA_V

ClientSampleId :

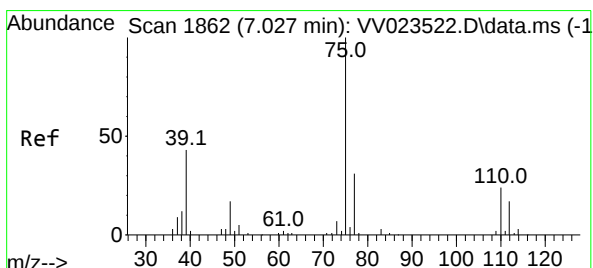
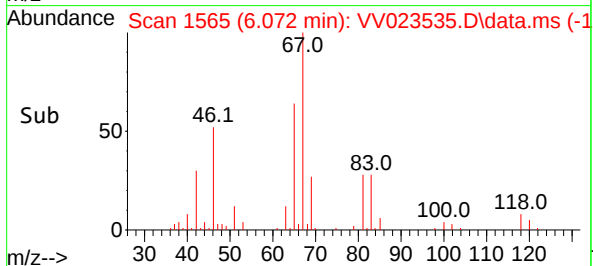
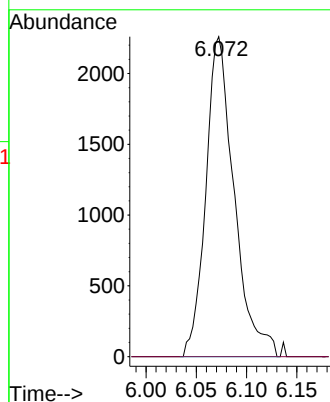
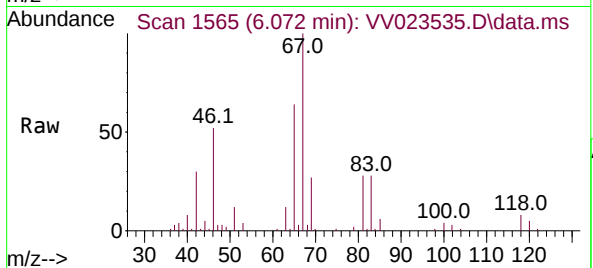
BG1X9DL

Tgt Ion: 63 Resp: 4437

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023535.D

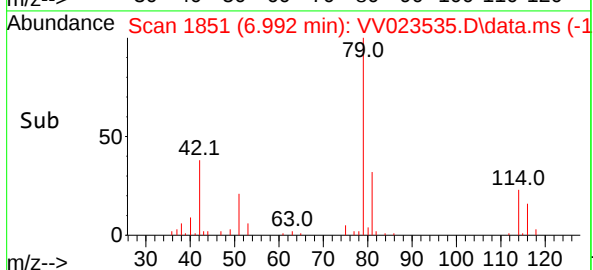
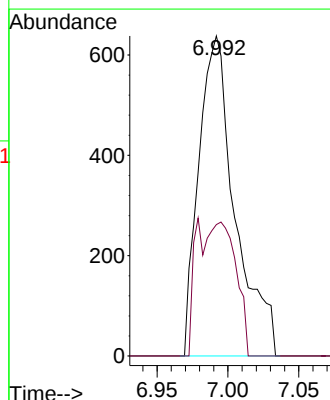
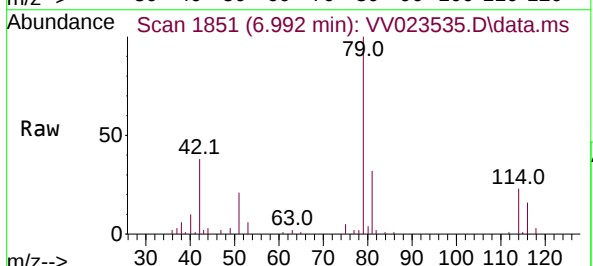
Acq: 16 Nov 2021 15:34

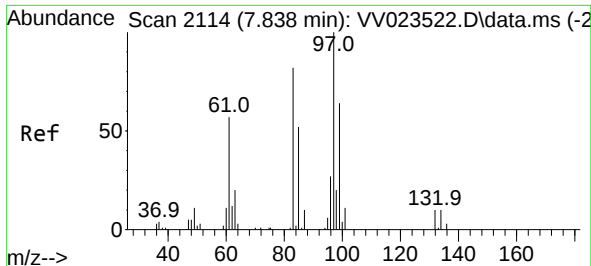
Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 41.1 21.6 40.2#





#45

1,1,2-Trichloroethane

Concen: 0.123 ug/L

RT: 7.976 min Scan# 2114

Delta R.T. 0.138 min

Lab File: VV023535.D

Acq: 16 Nov 2021 15:34

Instrument :

MSVOA_V

ClientSampleId :

BG1X9DL

Tgt Ion: 97 Resp: 688

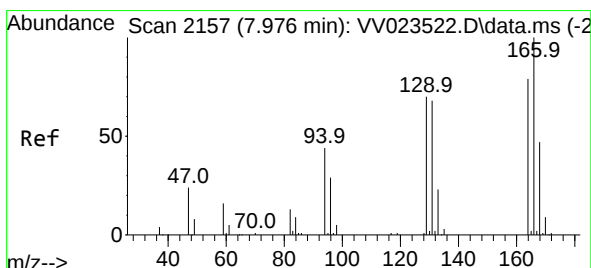
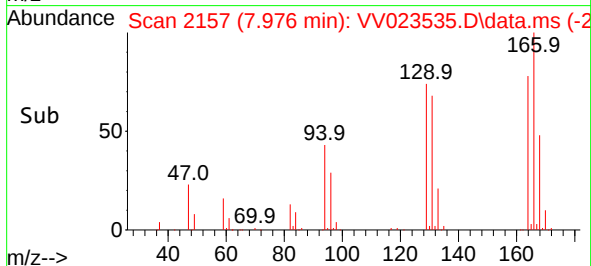
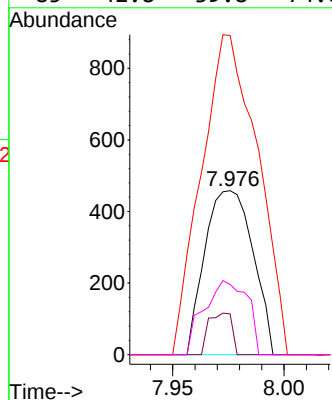
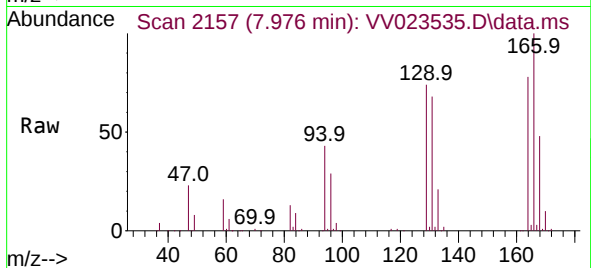
Ion Ratio Lower Upper

97 100

99 24.9 43.6 81.0#

83 194.8 58.4 108.4#

85 42.8 39.8 74.0



#47

Tetrachloroethene

Concen: 9.227 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023535.D

Acq: 16 Nov 2021 15:34

Tgt Ion:164 Resp: 70823

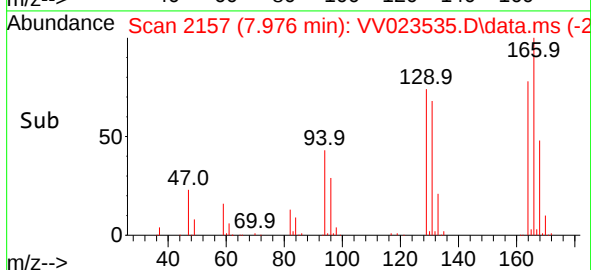
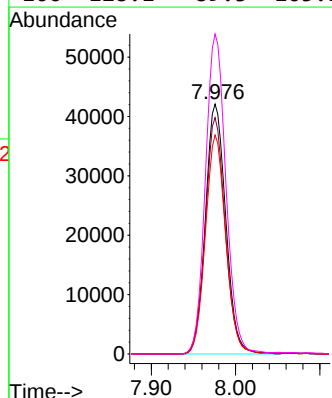
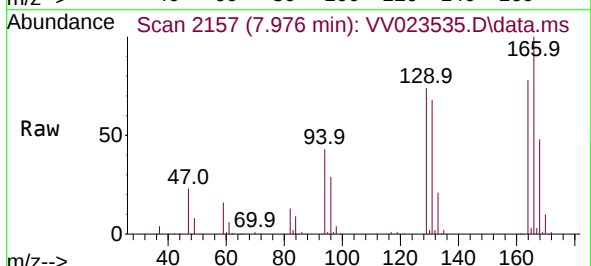
Ion Ratio Lower Upper

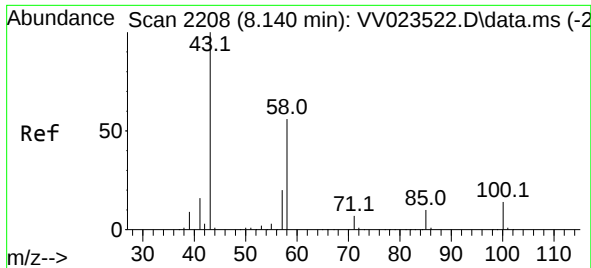
164 100

129 94.6 64.0 119.0

131 87.6 63.4 117.8

166 128.1 89.3 165.9

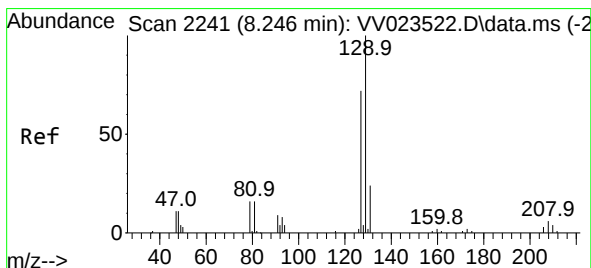
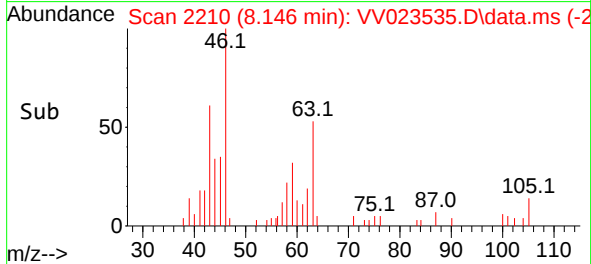
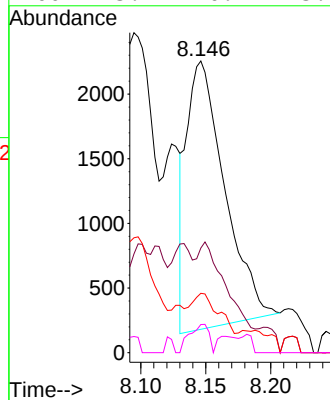
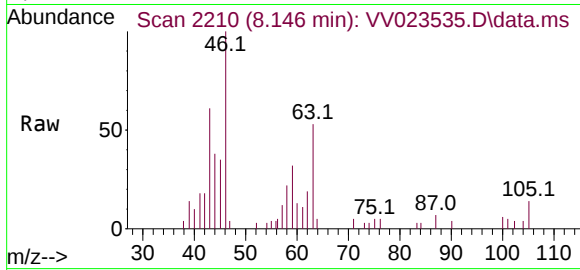




#48
2-Hexanone
Concen: 1.671 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

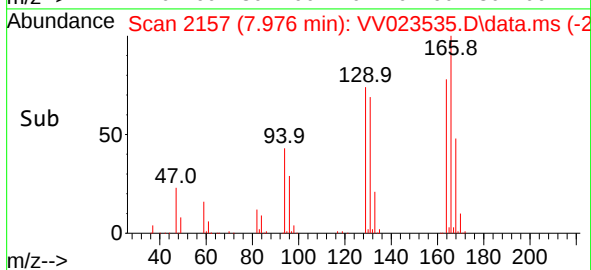
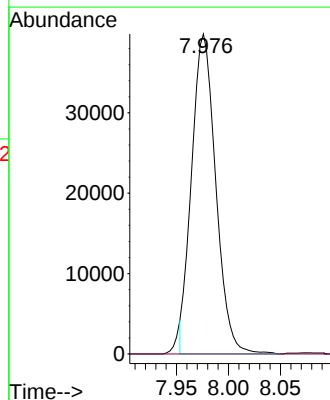
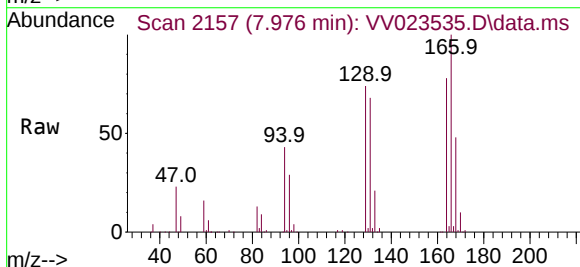
Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

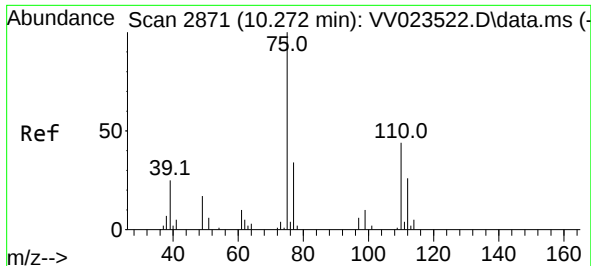
Tgt Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
58 22.6 43.7 65.5#
57 19.3 14.1 21.1
100 5.4 10.2 15.2#



#49
Dibromochloromethane
Concen: 9.080 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion: 129 Resp: 64271
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

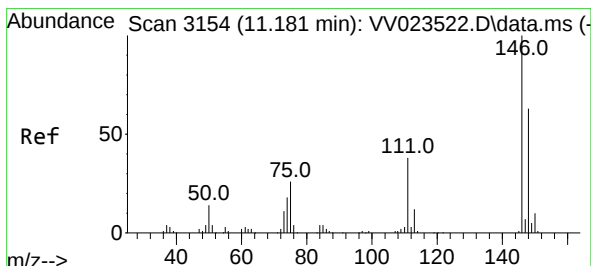
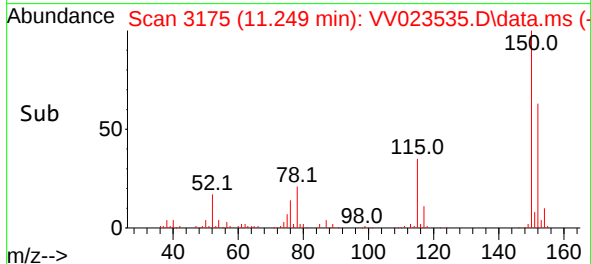
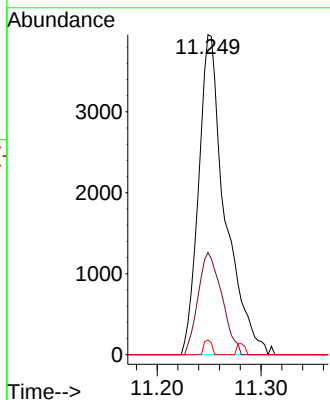
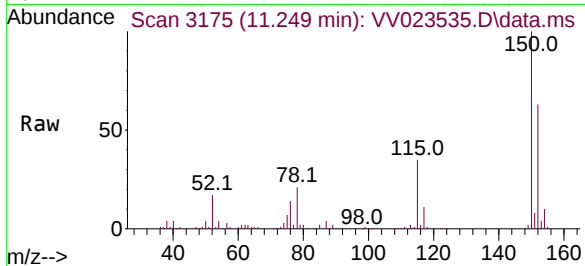




#61
1,2,3-Trichloropropane
Concen: 1.981 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

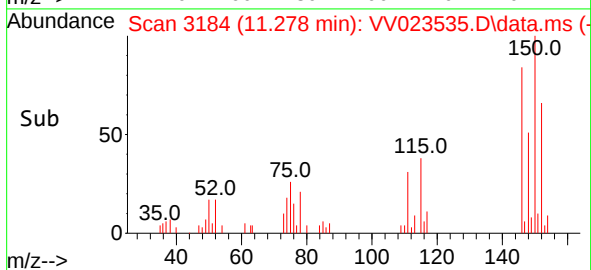
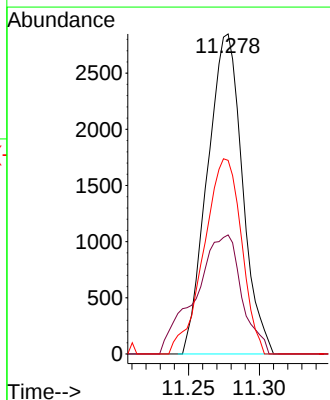
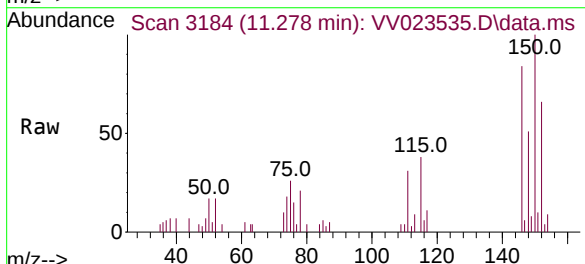
Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

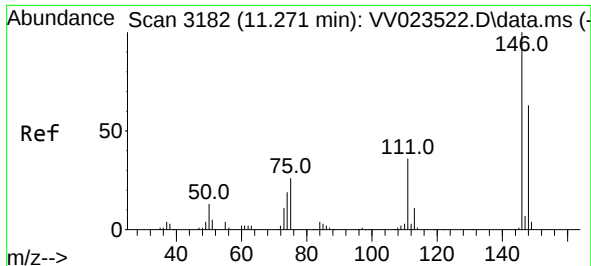
Tgt Ion: 75 Resp: 6986
Ion Ratio Lower Upper
75 100
77 28.8 26.6 39.8
110 1.3 31.8 47.6#



#64
1,3-Dichlorobenzene
Concen: 0.314 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.096 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion:146 Resp: 4890
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.7
148 60.5 42.9 79.7

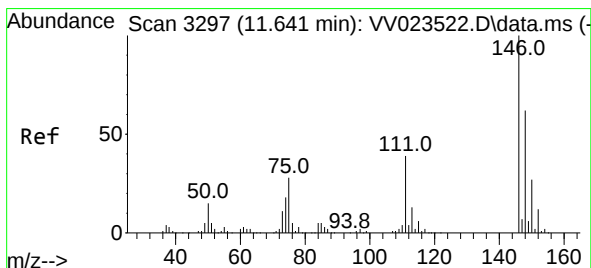
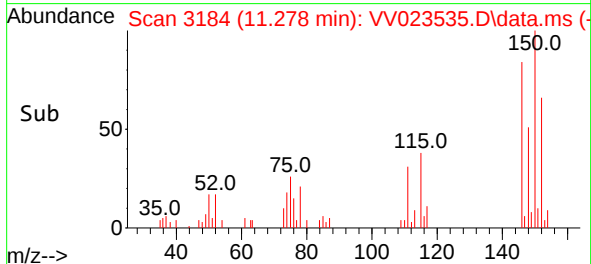
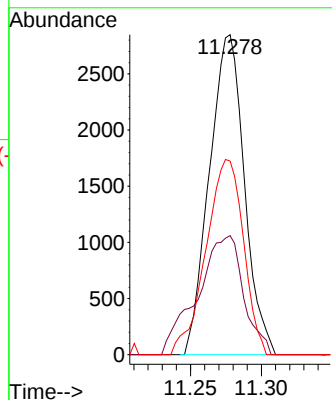
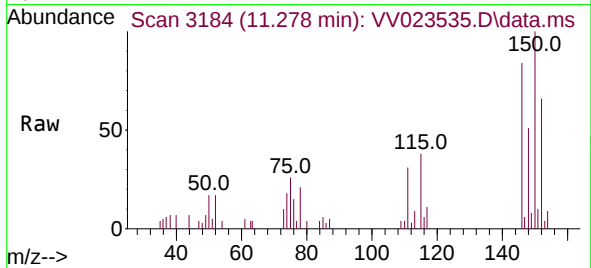




#65
1,4-Dichlorobenzene
Concen: 0.308 ug/L
RT: 11.278 min Scan# 3182
Delta R.T. 0.006 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Instrument :
MSVOA_V
ClientSampleId :
BG1X9DL

Tgt Ion:146 Resp: 4890
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 60.5 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 0.233 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023535.D
Acq: 16 Nov 2021 15:34

Tgt Ion:146 Resp: 3240
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 69.3 51.0 76.6

