

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022736.D
 Acq On : 11 Oct 2021 17:52
 Operator : SY/MD
 Sample : M4109-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:42:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31520	4.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.568	69	32963	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	50568	3.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.899	46	90148	45.841	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.680%
24) Chloroform-d	4.352	84	69548	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	35624	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	136930	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	45649	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	113817	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.625	79	13749	4.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.092	63	56942	43.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27931	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49113	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	707	0.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1024	0.146	ug/L #	45
12) 1,1-Dichloroethene	2.117	96	3211	0.488	ug/L #	1
13) Acetone	2.195	43	6614	6.032	ug/L	72
25) Chloroform	4.375	83	9067	0.606	ug/L	100
27) 1,2-Dichloroethane	5.053	62	856	0.115	ug/L #	69
30) Cyclohexane	4.677	56	3813	0.327	ug/L	96
34) Trichloroethene	5.912	95	230134	28.435	ug/L	98
35) Methylcyclohexane	6.076	83	10877	0.959	ug/L #	16
37) 1,2-Dichloropropane	6.076	63	4926	0.688	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1130	0.119	ug/L #	77
42) Toluene	7.403	91	2094	0.069	ug/L	99
47) Tetrachloroethene	7.976	164	59000	9.014	ug/L	99
48) 2-Hexanone	8.143	43	13107	4.661	ug/L #	79
49) Dibromochloromethane	7.976	129	51835	8.336	ug/L #	7
51) Chlorobenzene	8.886	112	1724	0.087	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	5415	1.585	ug/L #	62

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Instrument :
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Quant Time: Oct 12 03:42:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

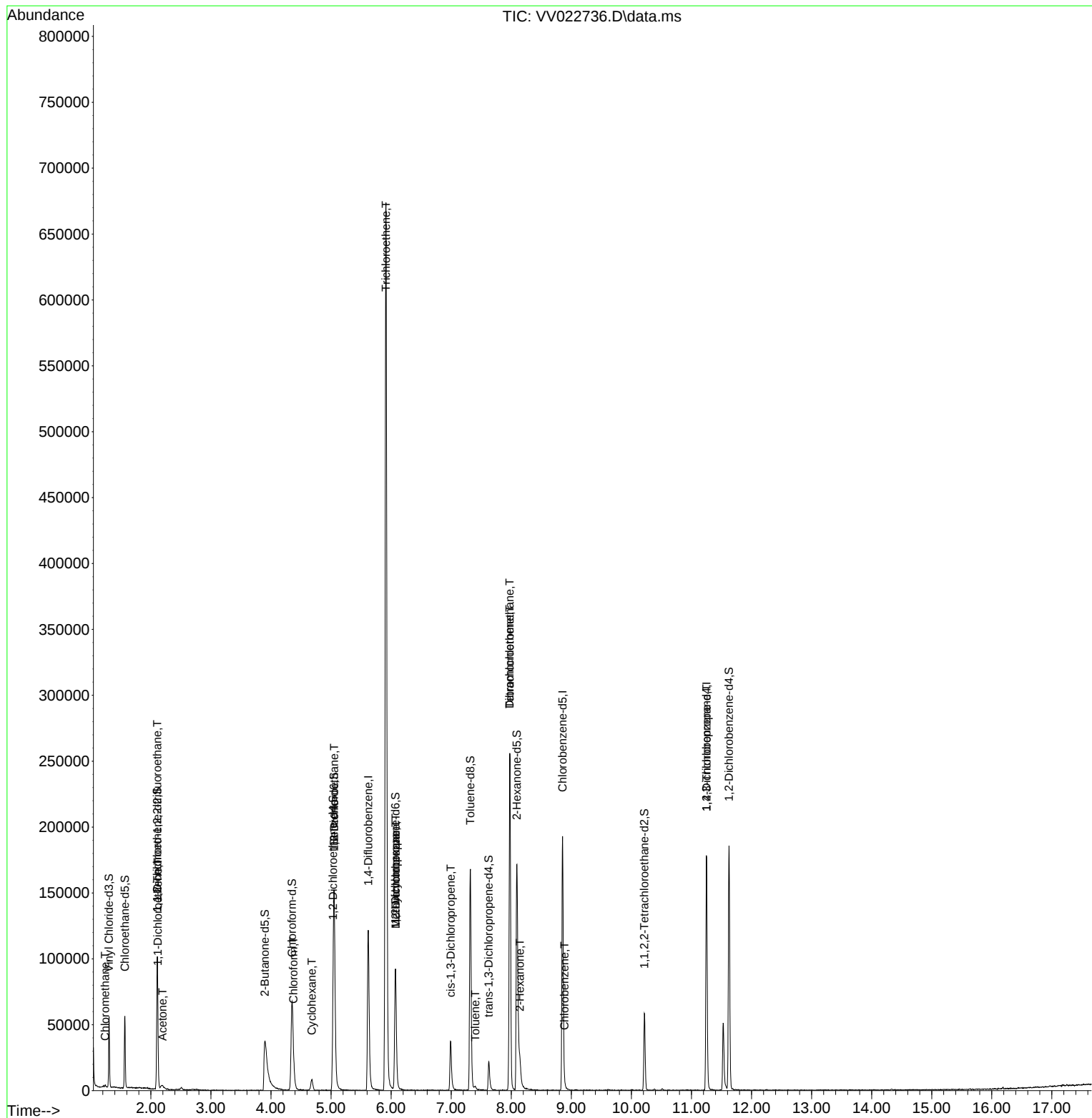
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

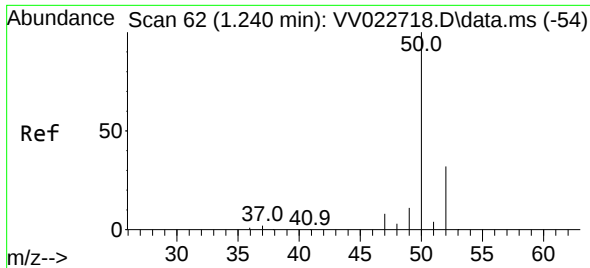
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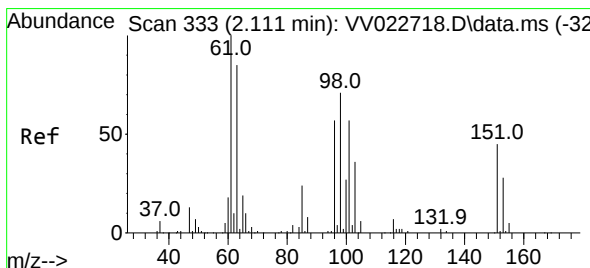
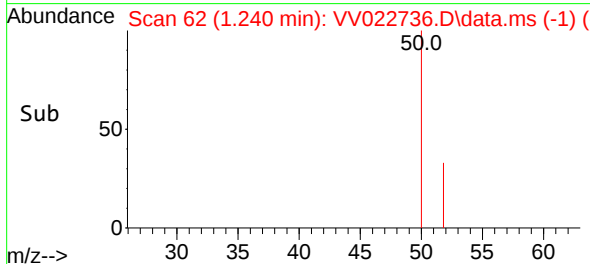
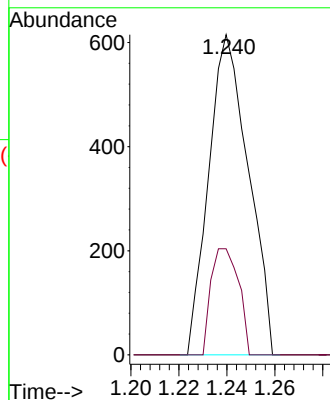
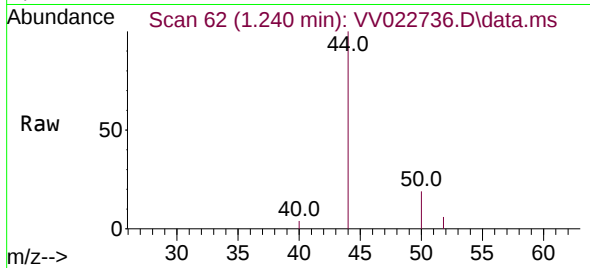




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

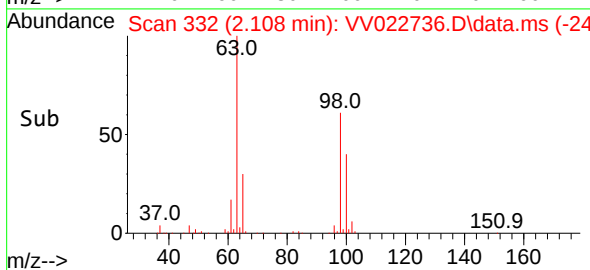
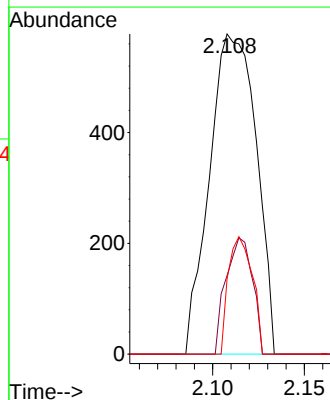
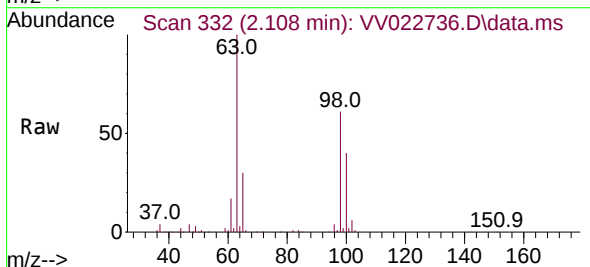
Instrument :
MSVOA_V
ClientSampled :

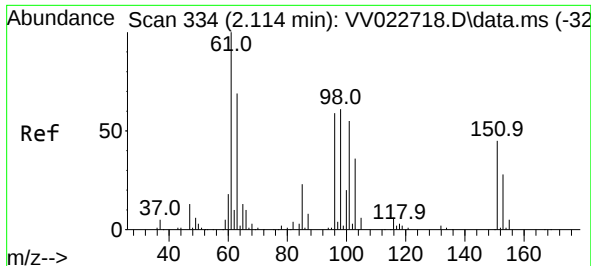
Tgt Ion: 50 Resp: 707
Ion Ratio Lower Upper
50 100
52 33.2 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.146 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 101 Resp: 1024
Ion Ratio Lower Upper
101 100
85 20.6 34.6 52.0#
151 18.8 60.9 91.3#





#12

1,1-Dichloroethene

Concen: 0.488 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022736.D

Acq: 11 Oct 2021 17:52

Tgt Ion: 96 Resp: 3211

Ion Ratio Lower Upper

96 100

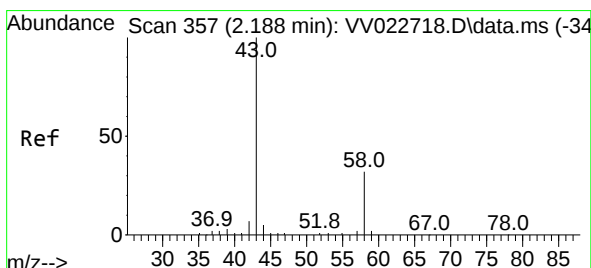
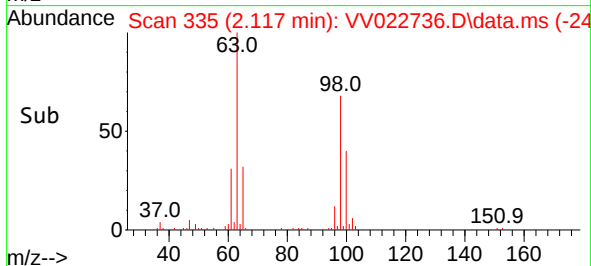
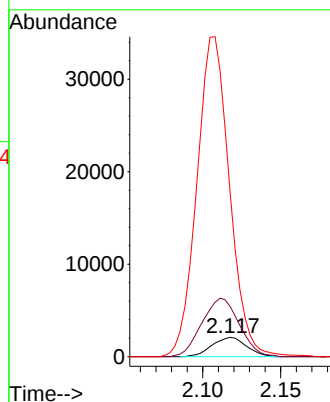
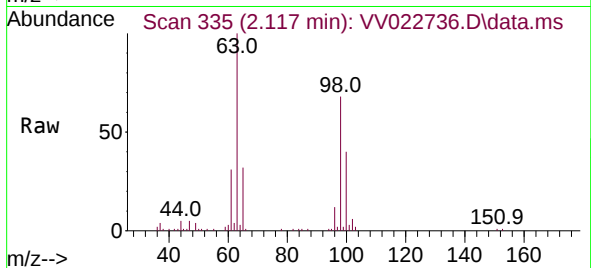
61 260.3 127.3 236.5#

63 851.3 106.2 197.2#

Instrument :

MSVOA_V

ClientSampled :



#13

Acetone

Concen: 6.032 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.007 min

Lab File: VV022736.D

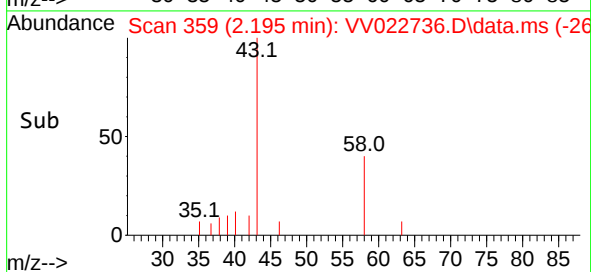
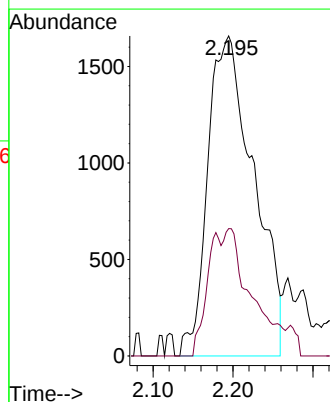
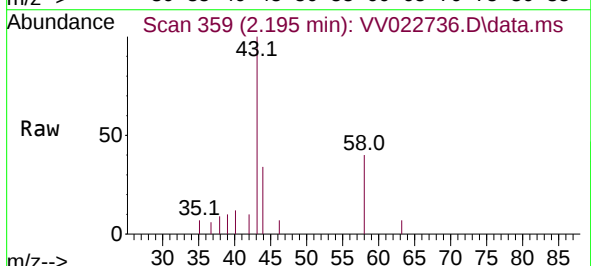
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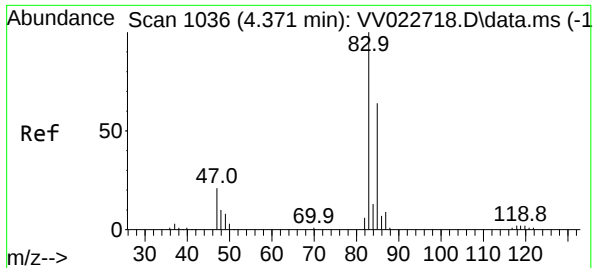
Tgt Ion: 43 Resp: 6614

Ion Ratio Lower Upper

43 100

58 22.8 0.0 24.2

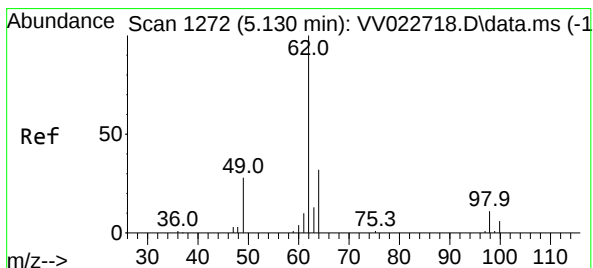
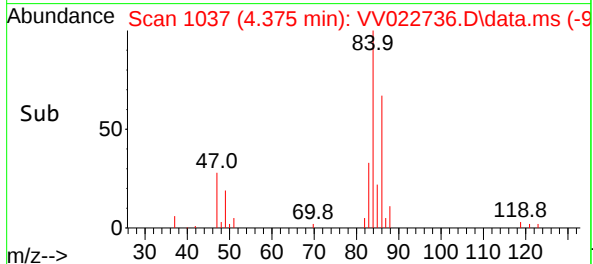
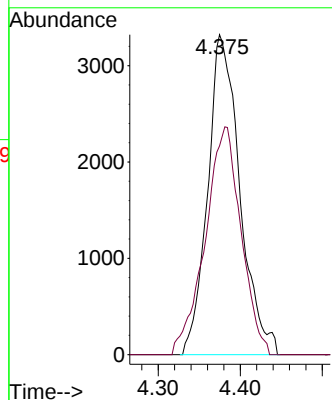
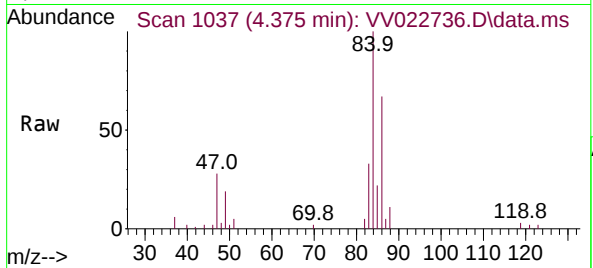




#25
Chloroform
Concen: 0.606 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

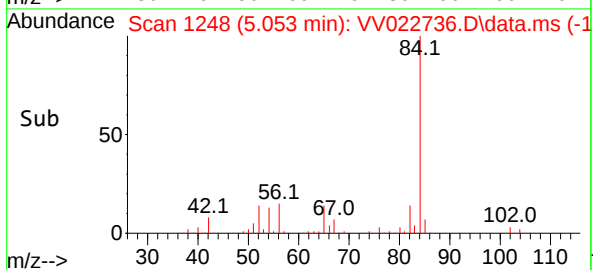
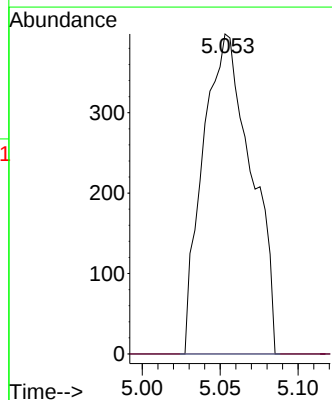
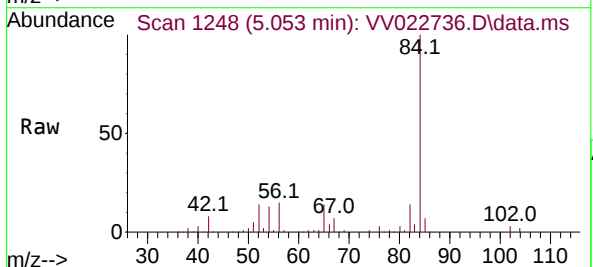
Instrument :
MSVOA_V
ClientSampled :

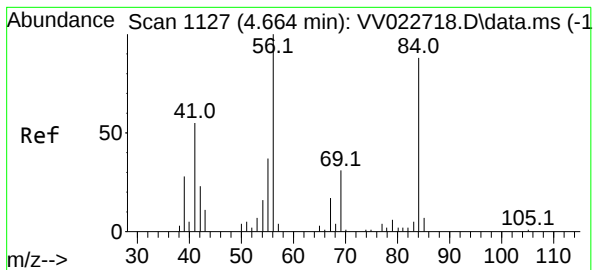
Tgt Ion: 83 Resp: 9067
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 62 Resp: 856
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

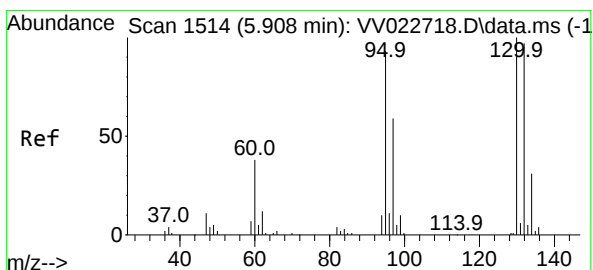
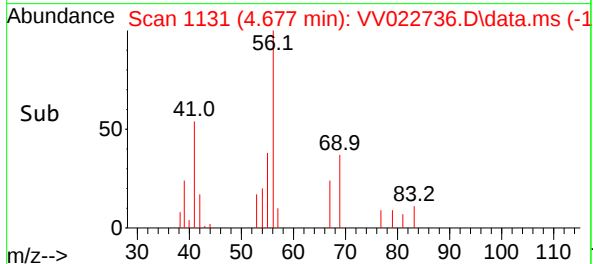
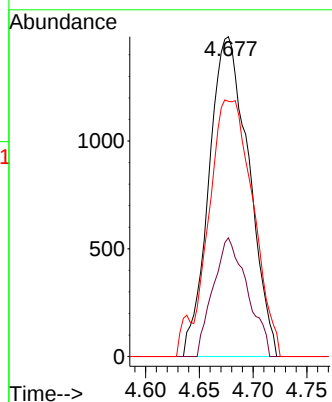
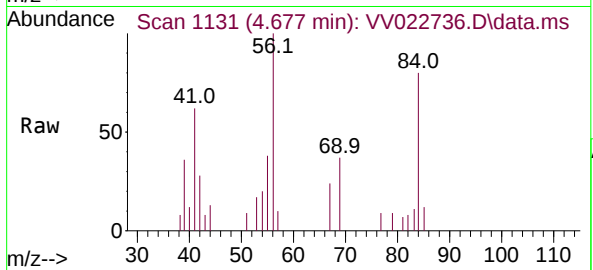




#30
Cyclohexane
Concen: 0.327 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

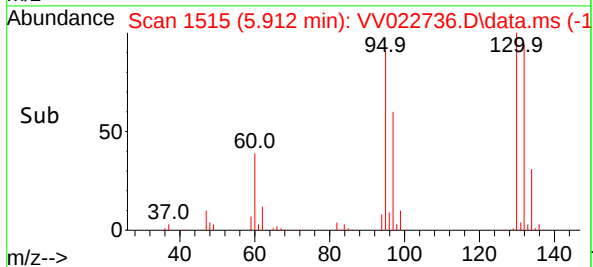
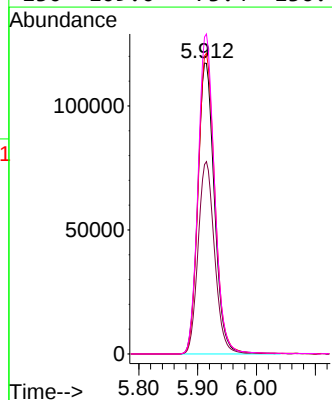
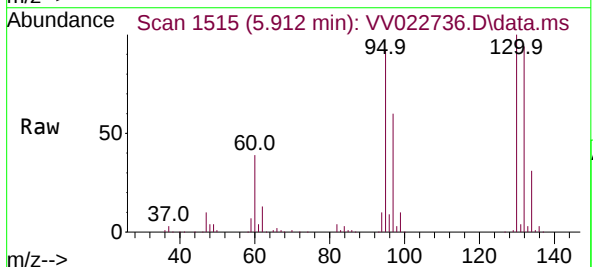
Instrument :
MSVOA_V
ClientSampled :

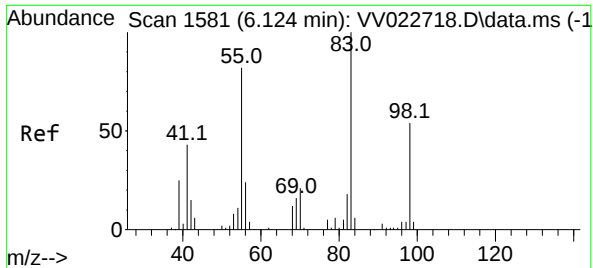
Tgt Ion:	56	Resp:	3813
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.9	37.3
84	86.6	72.5	108.7



#34
Trichloroethene
Concen: 28.435 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion:	95	Resp:	230134
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.8	85.2
132	102.4	72.2	134.0
130	109.0	73.4	136.4

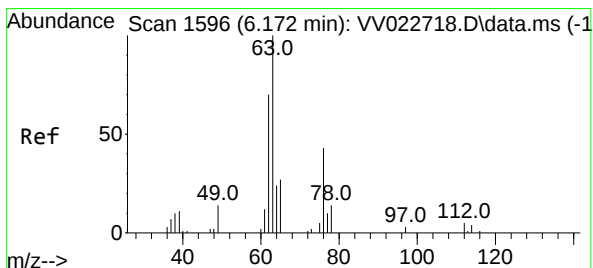
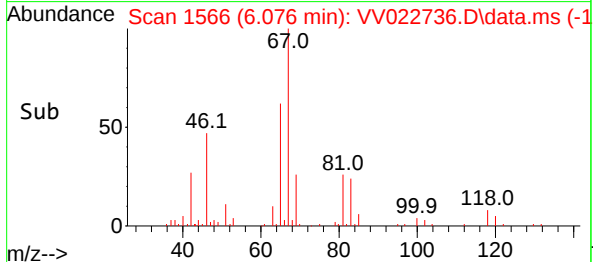
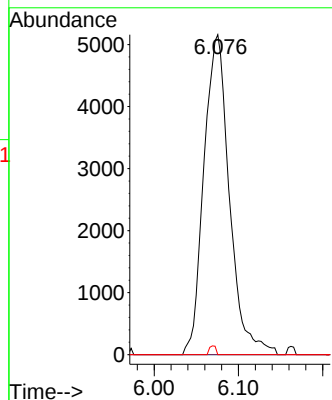
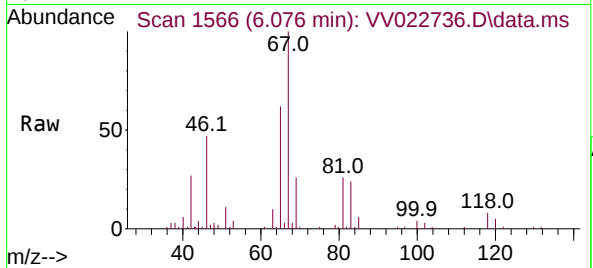




#35
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.048 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

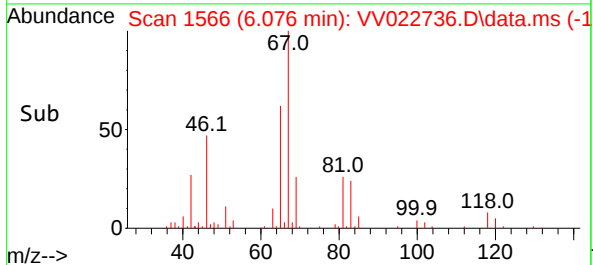
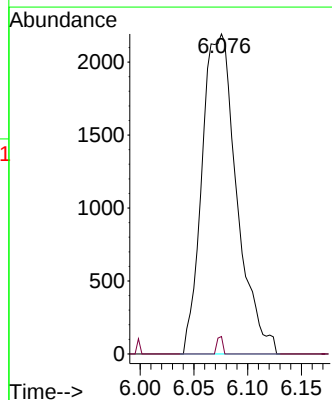
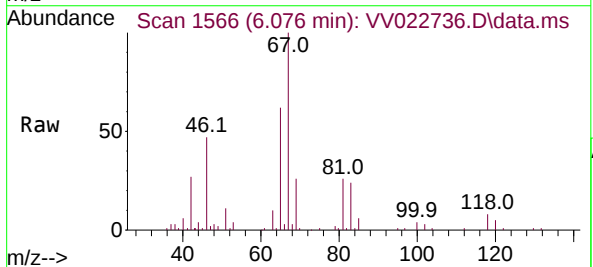
Instrument :
MSVOA_V
ClientSampled :

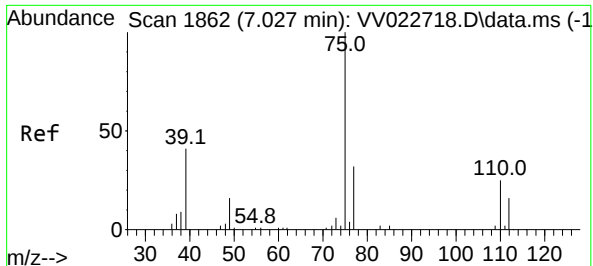
Tgt Ion: 83 Resp: 10877
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 63 Resp: 4926
Ion Ratio Lower Upper
63 100
112 0.9 4.4 6.6#

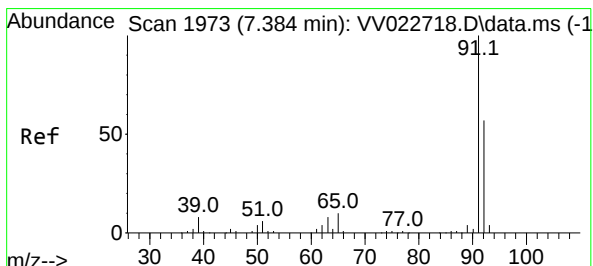
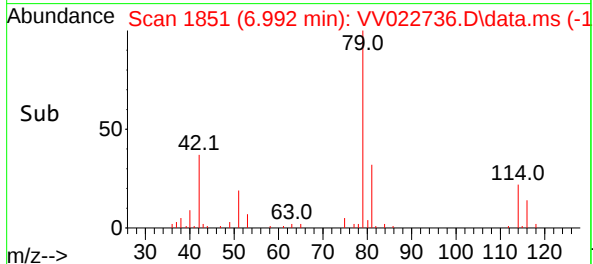
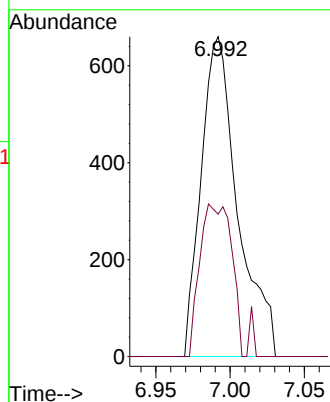
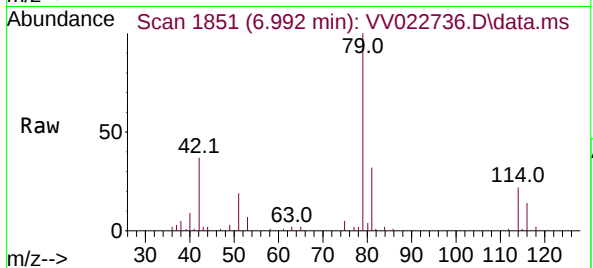




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022736.D
 Acq: 11 Oct 2021 17:52

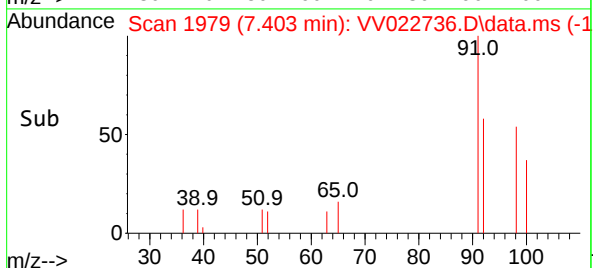
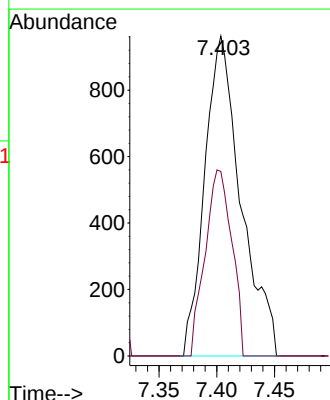
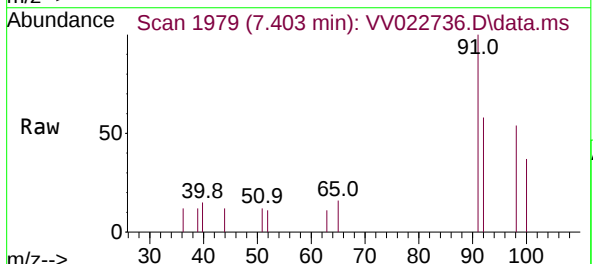
Instrument :
 MSVOA_V
 ClientSampleId :

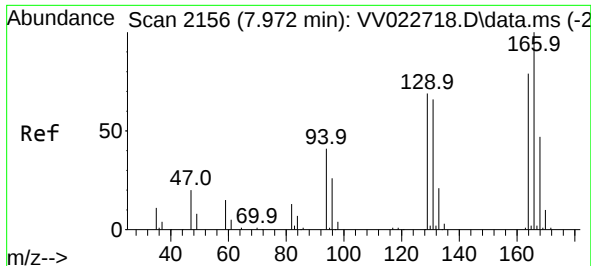
Tgt Ion: 75 Resp: 1130
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.3 41.3#



#42
 Toluene
 Concen: 0.069 ug/L
 RT: 7.403 min Scan# 1979
 Delta R.T. 0.019 min
 Lab File: VV022736.D
 Acq: 11 Oct 2021 17:52

Tgt Ion: 91 Resp: 2094
 Ion Ratio Lower Upper
 91 100
 92 57.6 40.7 75.7

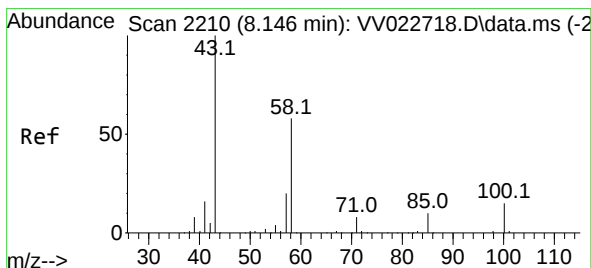
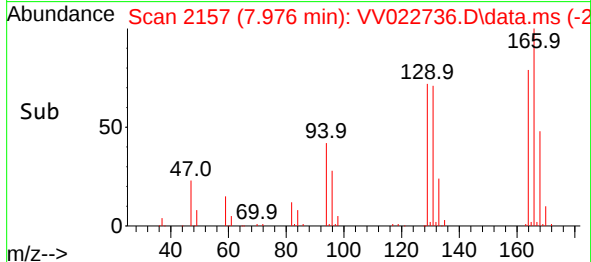
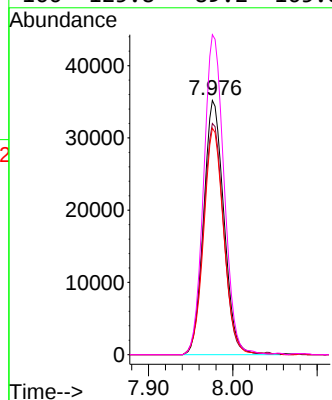
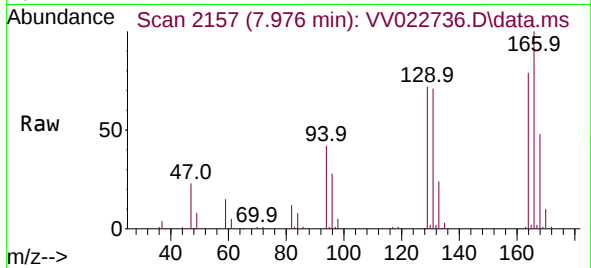




#47
Tetrachloroethene
Concen: 9.014 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

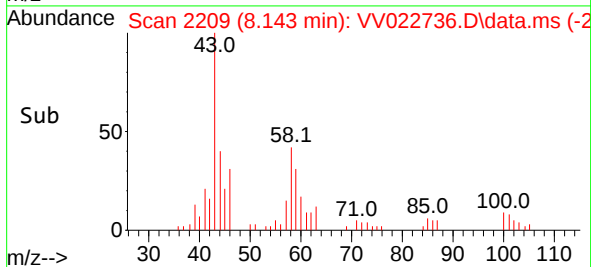
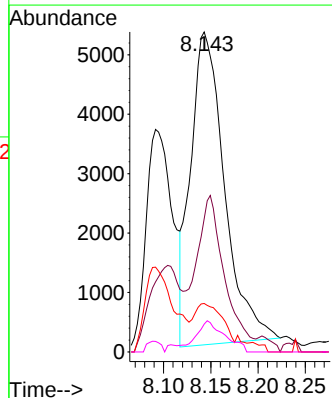
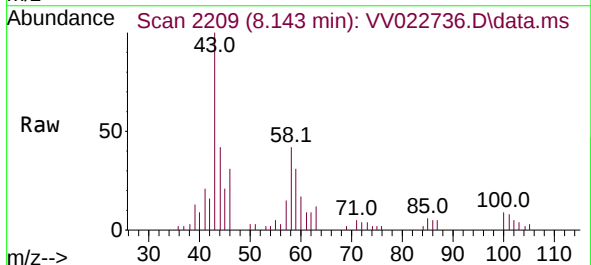
Instrument :
MSVOA_V
ClientSampleId :

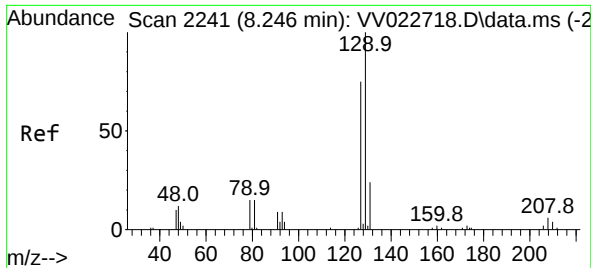
Tgt Ion:164 Resp: 59000
Ion Ratio Lower Upper
164 100
129 91.0 65.0 120.6
131 89.1 62.2 115.4
166 125.8 89.2 165.8



#48
2-Hexanone
Concen: 4.661 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 43 Resp: 13107
Ion Ratio Lower Upper
43 100
58 41.8 47.4 71.0#
57 10.6 15.3 22.9#
100 8.4 10.4 15.6#

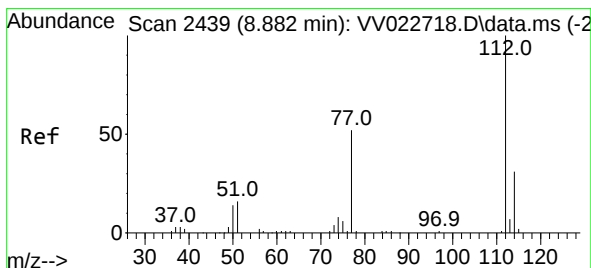
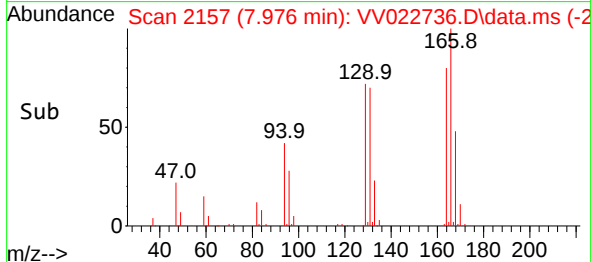
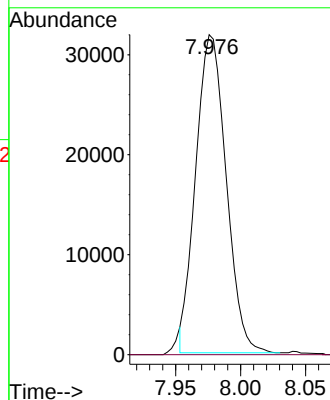
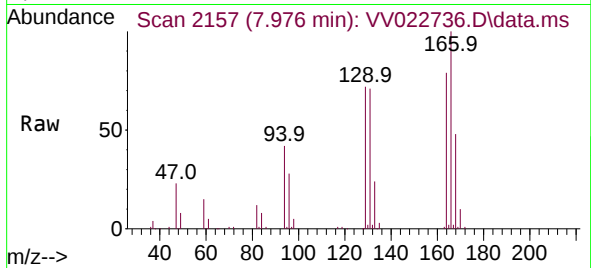




#49
Dibromochloromethane
Concen: 8.336 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

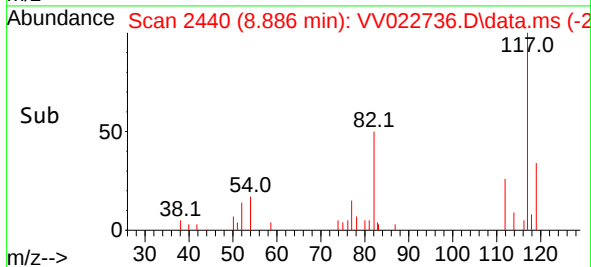
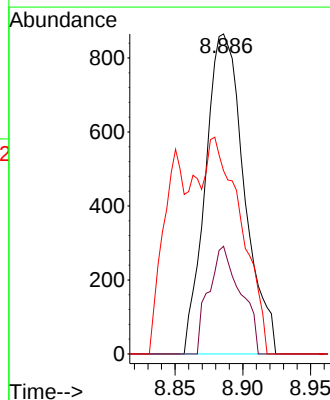
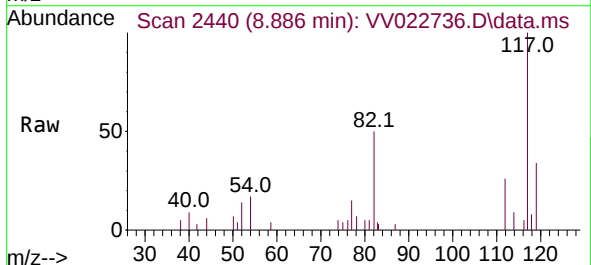
Instrument :
MSVOA_V
ClientSampled :

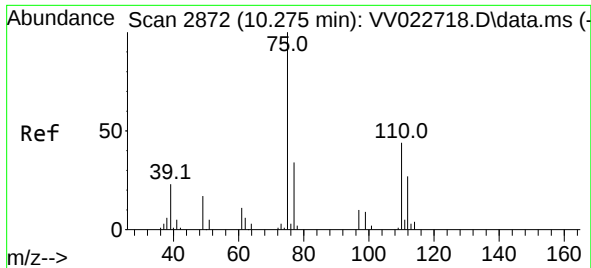
Tgt Ion:129 Resp: 51835
Ion Ratio Lower Upper
129 100
127 0.0 59.1 109.9#



#51
Chlorobenzene
Concen: 0.087 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

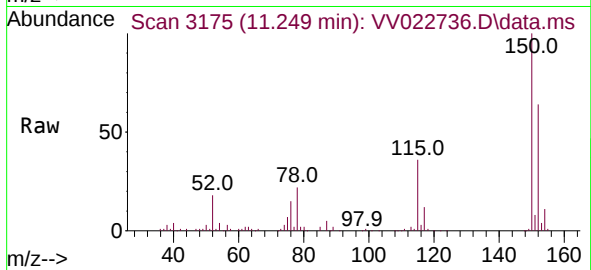
Tgt Ion:112 Resp: 1724
Ion Ratio Lower Upper
112 100
114 33.6 21.6 40.2
77 57.2 43.7 65.5





#61
 1,2,3-Trichloropropane
 Concen: 1.585 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022736.D
 Acq: 11 Oct 2021 17:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	5415
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.2
110	2.4	34.2	51.4#

