

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022587.D
 Acq On : 05 Oct 2021 22:59
 Operator : SY/MD
 Sample : M4051-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:06:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	100193	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	95634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	36489	11.367	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	227.400%#	
7) Chloroethane-d5	1.561	69	34325	7.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	158.600%#	
11) 1,1-Dichloroethene-d2	2.101	63	74315	7.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	159.600%#	
20) 2-Butanone-d5	3.902	46	75266	39.664	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.320%	
24) Chloroform-d	4.346	84	67603	5.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.034	65	35241	6.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.000%	
32) Benzene-d6	5.047	84	142465	6.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	132.200%#	
36) 1,2-Dichloropropane-d6	6.069	67	43131	5.673	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.400%	
41) Toluene-d8	7.317	98	120529	6.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	11916	5.922	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	118.400%	
46) 2-Hexanone-d5	8.095	63	58570	47.011	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.020%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28425	4.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46326	6.821	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	136.400%#	
Target Compounds						
5) Vinyl chloride	1.304	62	442	0.057	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	35572	5.796	ug/L #	78
14) Carbon disulfide	2.285	76	1260	0.070	ug/L #	77
18) trans-1,2-Dichloroethene	2.751	96	811	0.121	ug/L	85
19) 1,1-Dichloroethane	3.185	63	3975	0.331	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	88714	12.224	ug/L	99
25) Chloroform	4.371	83	8775	0.670	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	1845	0.169	ug/L #	84
31) Carbon tetrachloride	4.825	117	2384	0.246	ug/L	88
34) Trichloroethene	5.912	95	63468	8.474	ug/L	99
35) Methylcyclohexane	6.069	83	11209	1.068	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	4709	0.748	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	797	0.094	ug/L #	1
42) Toluene	7.397	91	3455	0.128	ug/L	96
47) Tetrachloroethene	7.976	164	51704	8.878	ug/L	96
48) 2-Hexanone	8.146	43	7109	2.853	ug/L #	64
49) Dibromochloromethane	7.976	129	43213	7.805	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4788	1.471	ug/L #	62

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022587.D
Acq On : 05 Oct 2021 22:59
Operator : SY/MD
Sample : M4051-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 08:06:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

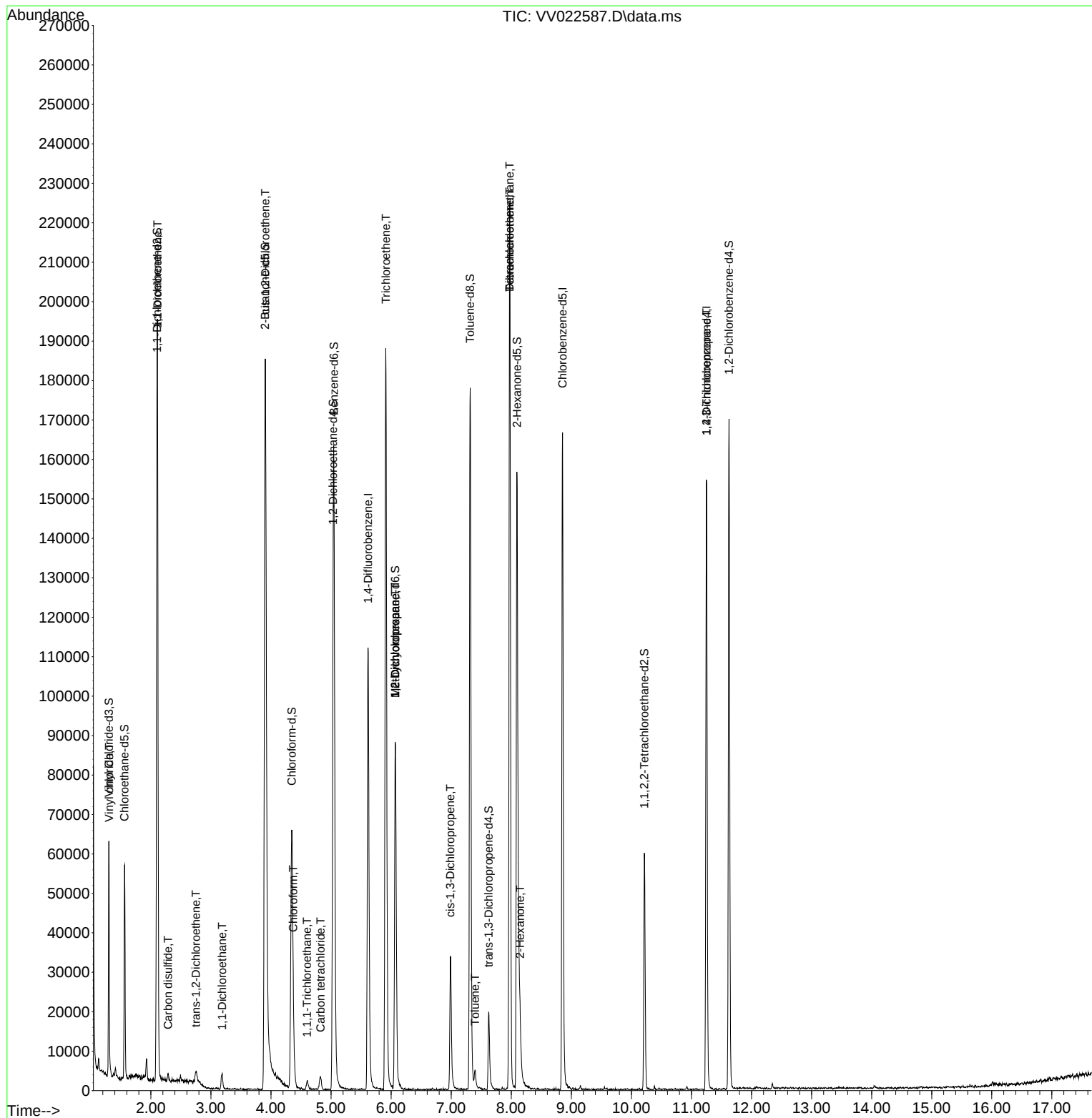
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

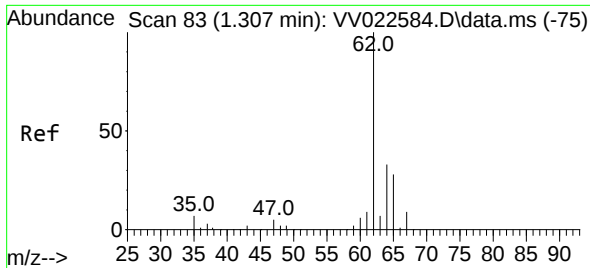
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022587.D
Acq On : 05 Oct 2021 22:59
Operator : SY/MD
Sample : M4051-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 08:06:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

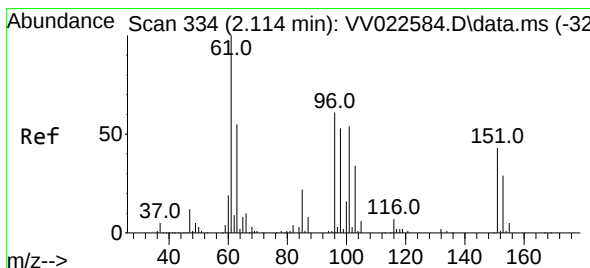
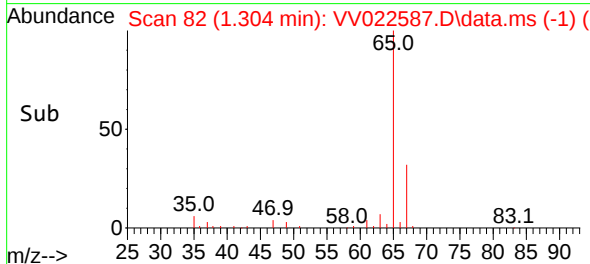
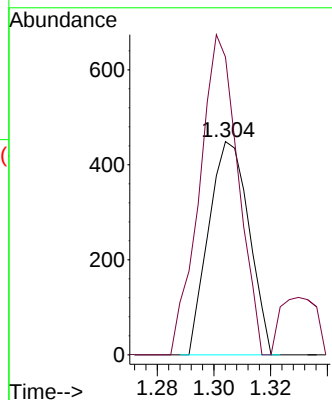
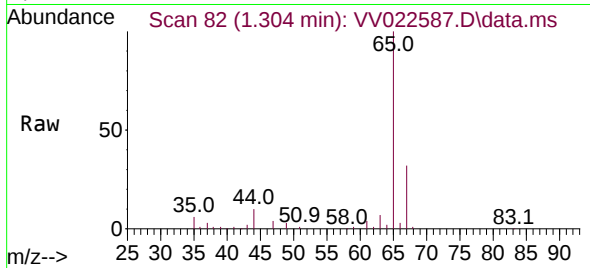




#5
 Vinyl chloride
 Concen: 0.057 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VV022587.D
 Acq: 05 Oct 2021 22:59

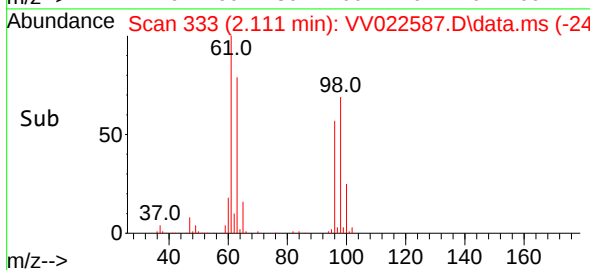
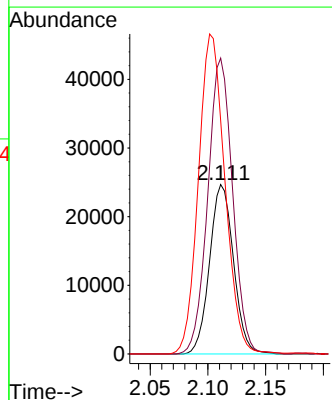
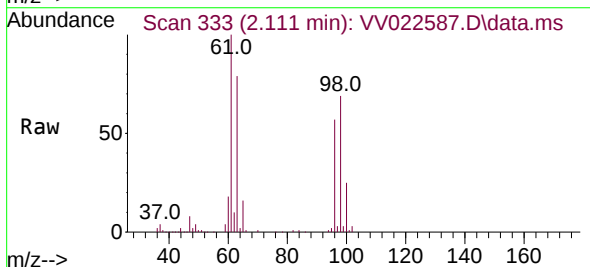
Instrument :
 MSVOA_V
 ClientSampled :

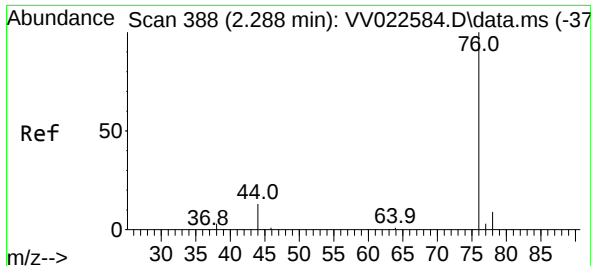
Tgt Ion: 62 Resp: 442
 Ion Ratio Lower Upper
 62 100
 64 139.6 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 5.796 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV022587.D
 Acq: 05 Oct 2021 22:59

Tgt Ion: 96 Resp: 35572
 Ion Ratio Lower Upper
 96 100
 61 174.6 113.2 210.2
 63 137.7 66.6 123.8#

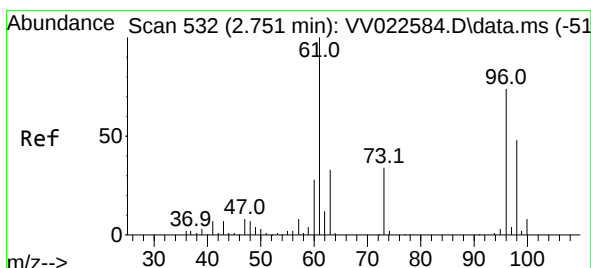
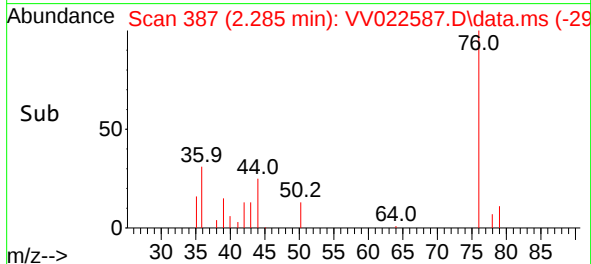
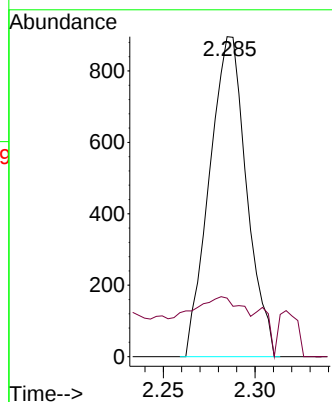
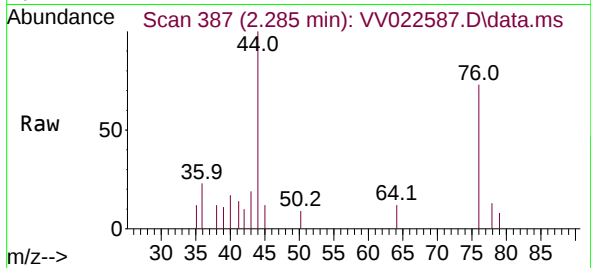




#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

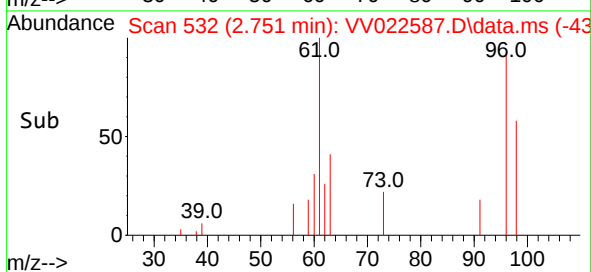
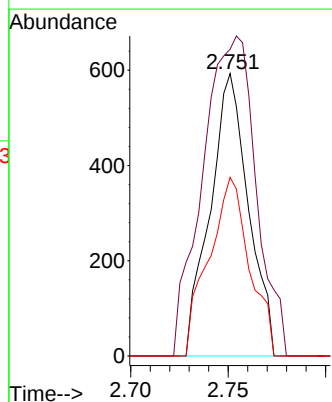
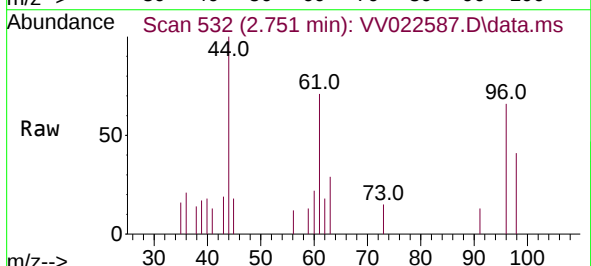
Instrument :
MSVOA_V
ClientSampled :

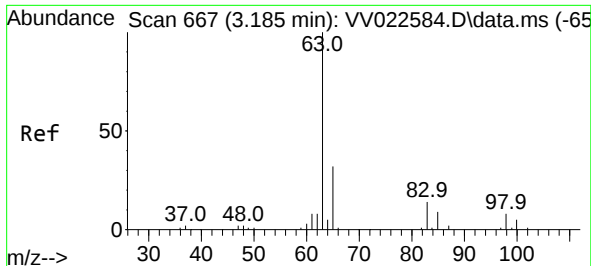
Tgt Ion: 76 Resp: 1260
Ion Ratio Lower Upper
76 100
78 18.3 7.8 11.6#



#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion: 96 Resp: 811
Ion Ratio Lower Upper
96 100
61 108.6 94.0 174.6
98 63.2 44.9 83.3

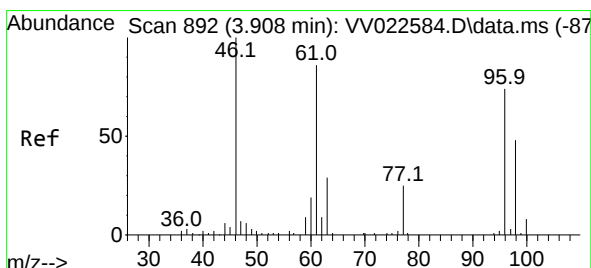
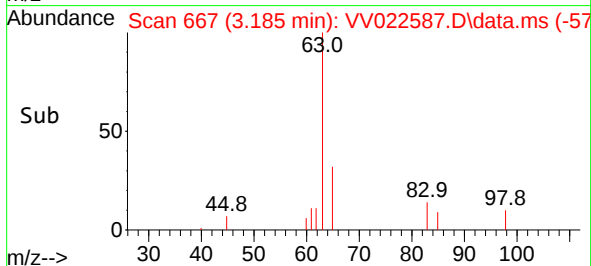
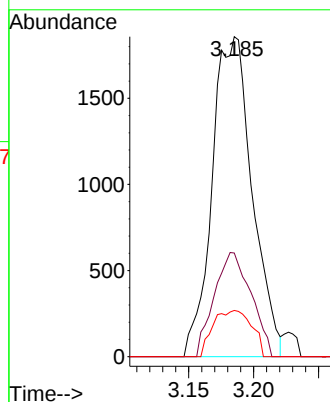
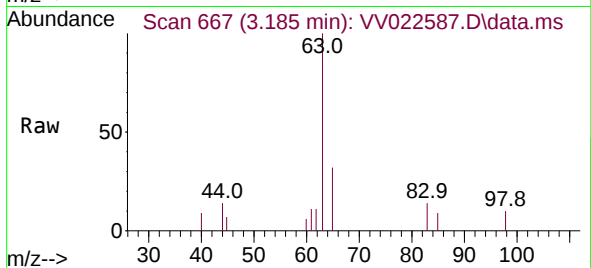




#19
1,1-Dichloroethane
Concen: 0.331 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

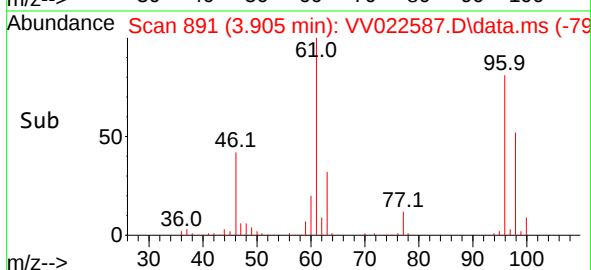
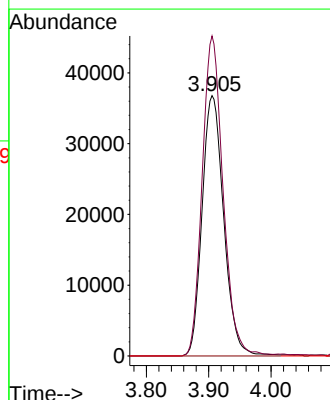
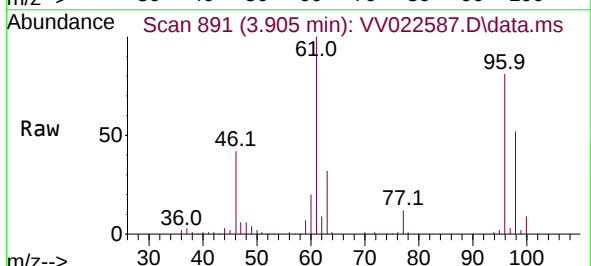
Instrument :
MSVOA_V
ClientSampleId :

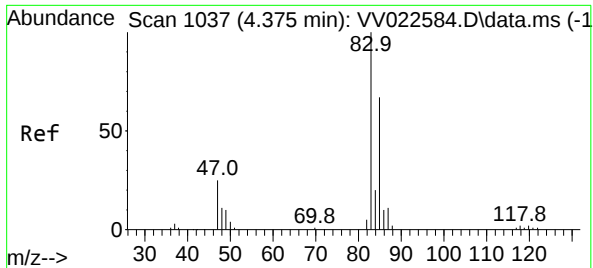
Tgt Ion:	63	Resp:	3975
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.8	42.4
83	14.4	10.2	19.0



#22
cis-1,2-Dichloroethene
Concen: 12.224 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion:	96	Resp:	88714
Ion	Ratio	Lower	Upper
96	100		
61	122.9	85.6	159.0
68	0.0	0.0	0.0

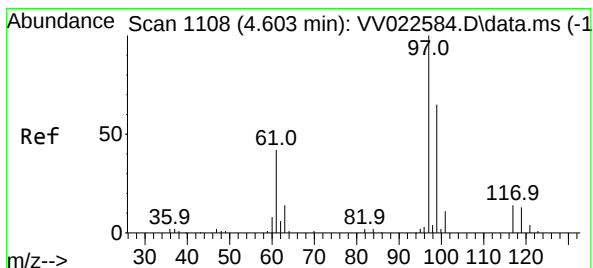
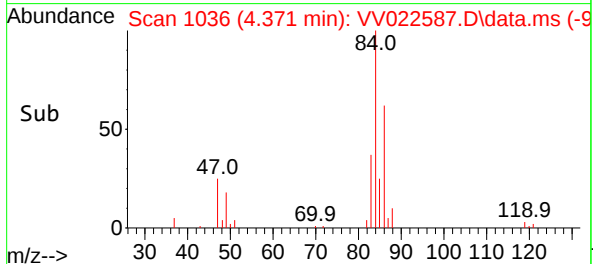
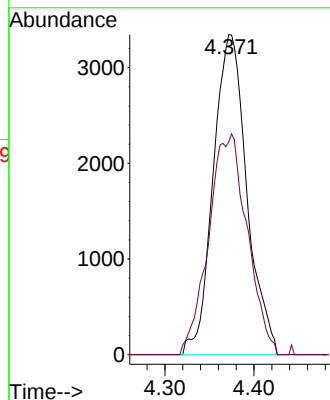
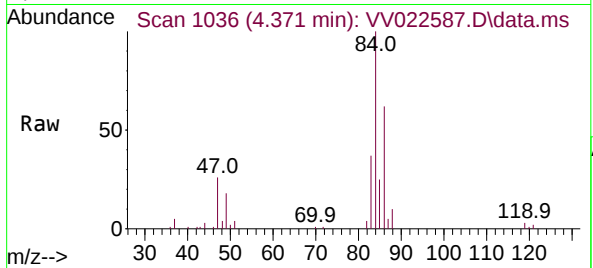




#25
Chloroform
Concen: 0.670 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

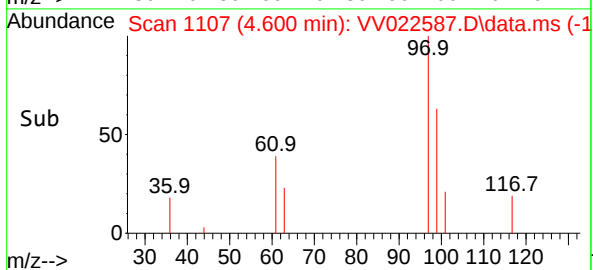
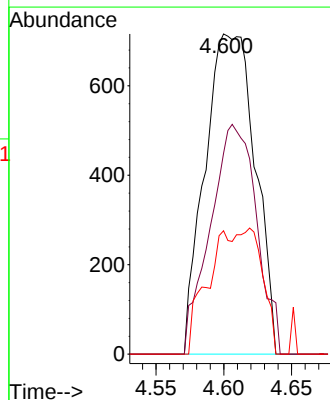
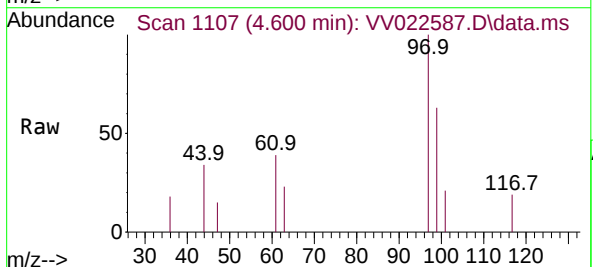
Instrument :
MSVOA_V
ClientSampled :

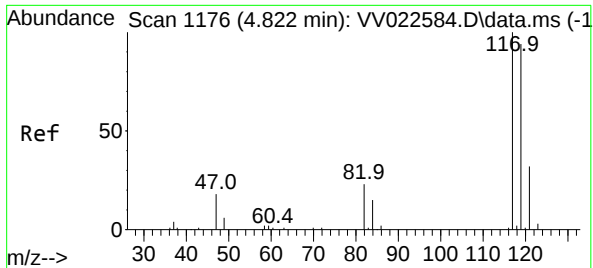
Tgt Ion: 83 Resp: 8775
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.8



#29
1,1,1-Trichloroethane
Concen: 0.169 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion: 97 Resp: 1845
Ion Ratio Lower Upper
97 100
99 66.3 49.8 74.6
61 20.3 32.5 48.7#

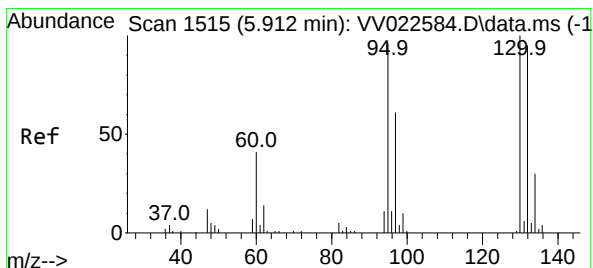
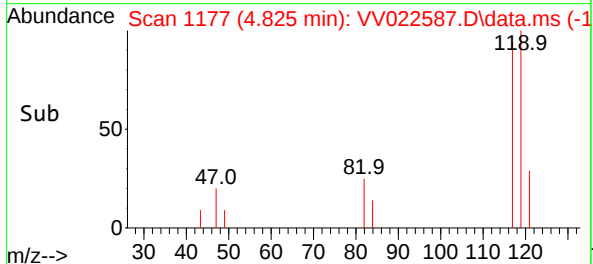
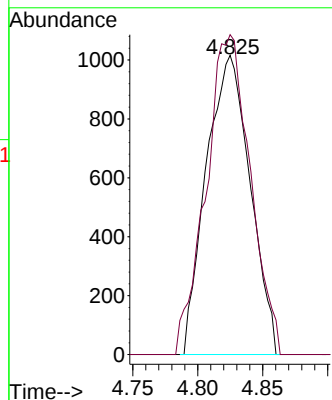
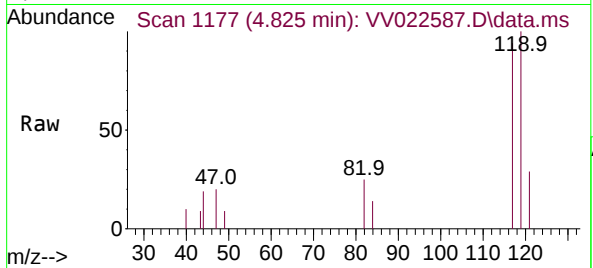




#31
Carbon tetrachloride
Concen: 0.246 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

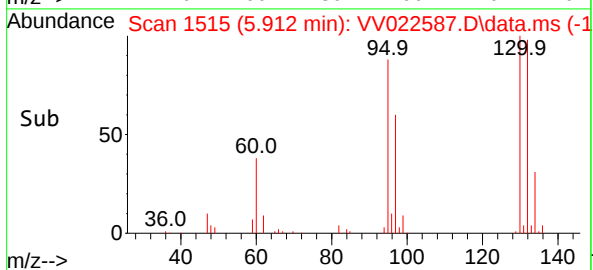
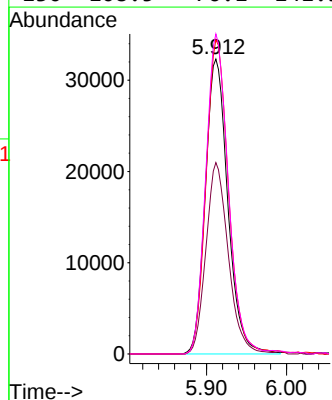
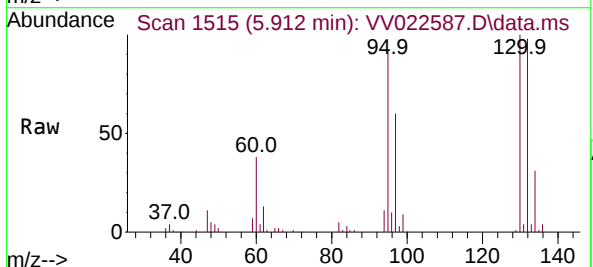
Instrument :
MSVOA_V
ClientSampled :

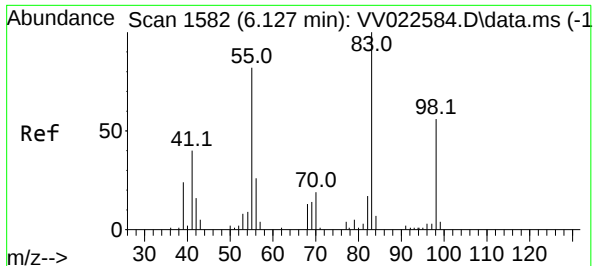
Tgt Ion:117 Resp: 2384
Ion Ratio Lower Upper
117 100
119 108.0 76.9 115.3



#34
Trichloroethene
Concen: 8.474 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion: 95 Resp: 63468
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 106.6 73.0 135.6
130 108.5 76.1 141.3

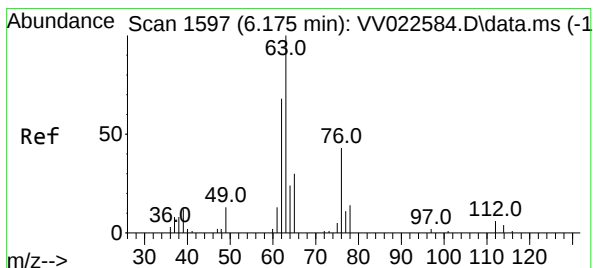
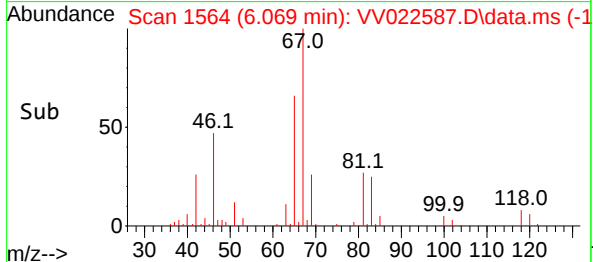
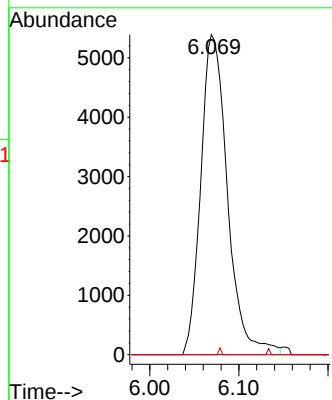
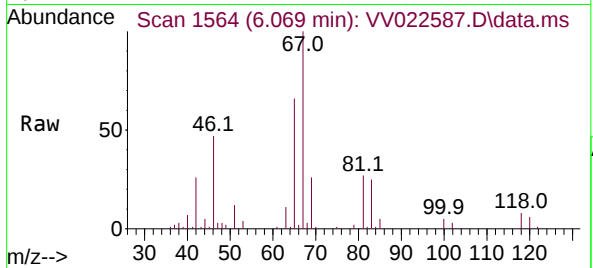




#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

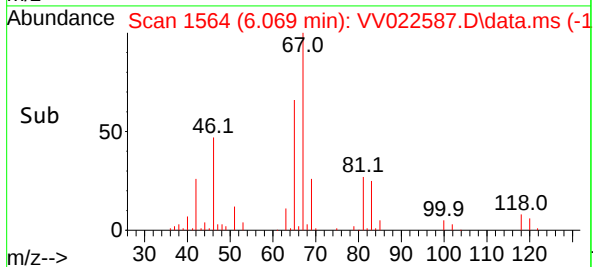
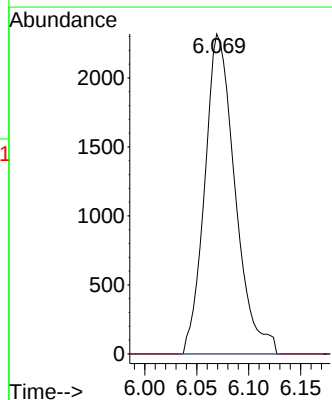
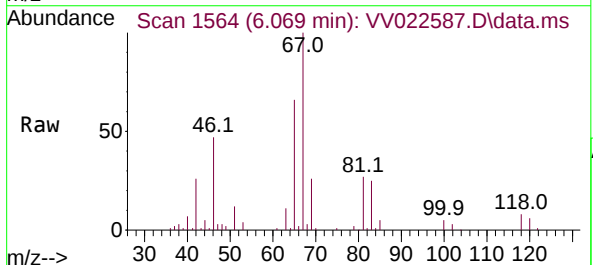
Instrument :
MSVOA_V
ClientSampled :

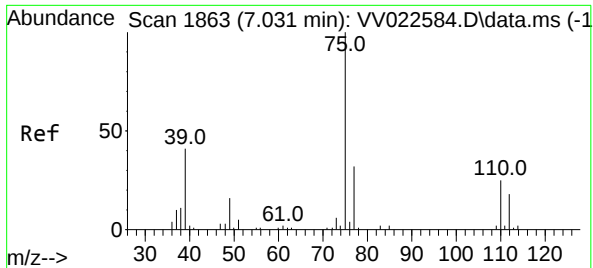
Tgt Ion: 83 Resp: 11209
Ion Ratio Lower Upper
83 100
55 0.2 57.8 86.8#
98 2.2 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.748 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion: 63 Resp: 4709
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

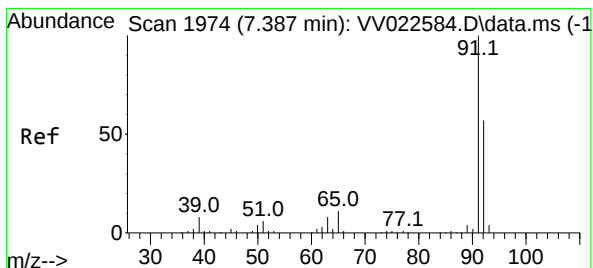
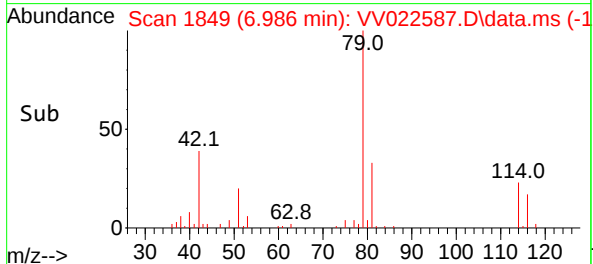
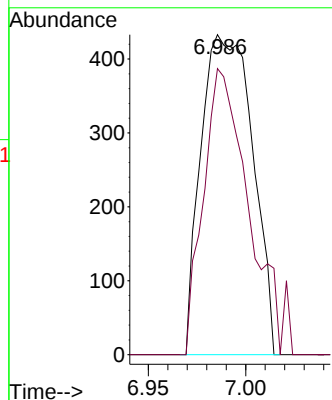
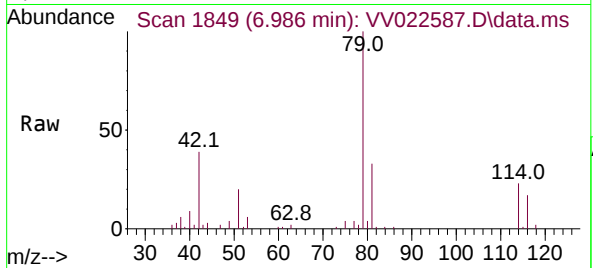




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 6.986 min Scan# 1849
 Delta R.T. -0.045 min
 Lab File: VV022587.D
 Acq: 05 Oct 2021 22:59

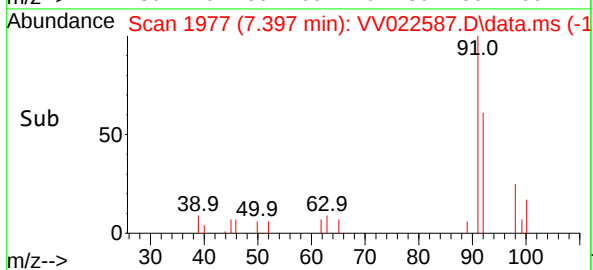
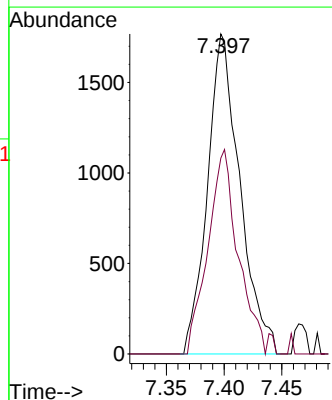
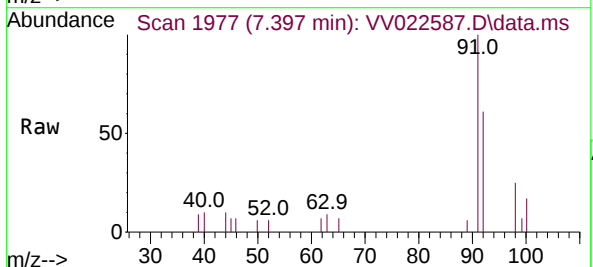
Instrument :
 MSVOA_V
 ClientSampled :

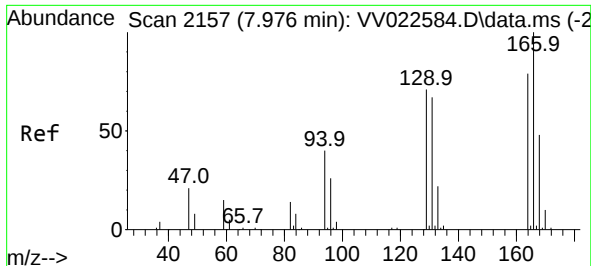
Tgt Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 89.4 22.4 41.6#



#42
 Toluene
 Concen: 0.128 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.010 min
 Lab File: VV022587.D
 Acq: 05 Oct 2021 22:59

Tgt Ion: 91 Resp: 3455
 Ion Ratio Lower Upper
 91 100
 92 61.2 40.5 75.3

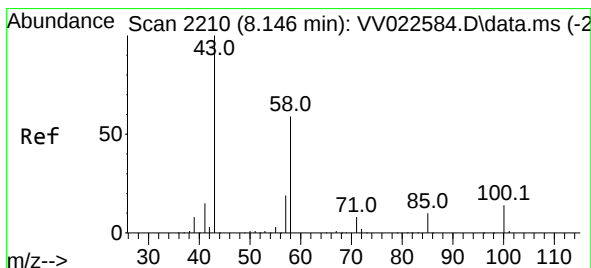
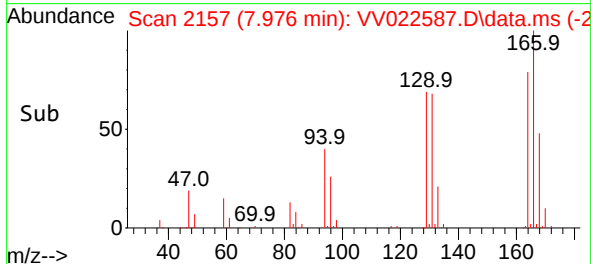
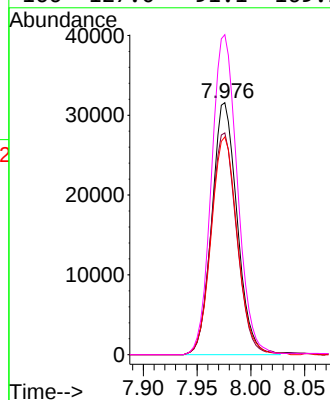
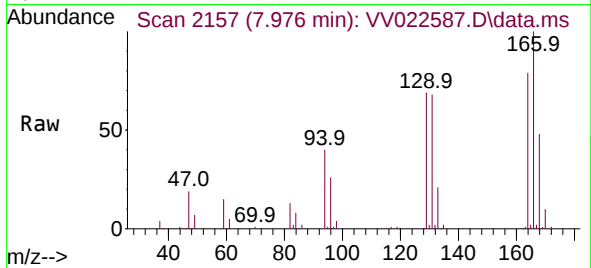




#47
Tetrachloroethene
Concen: 8.878 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

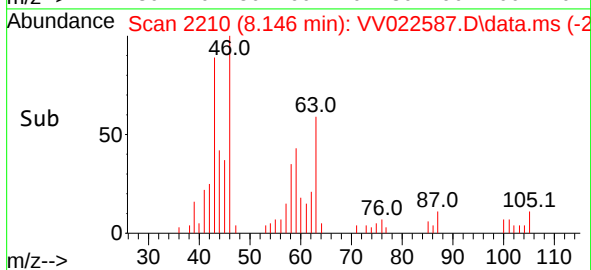
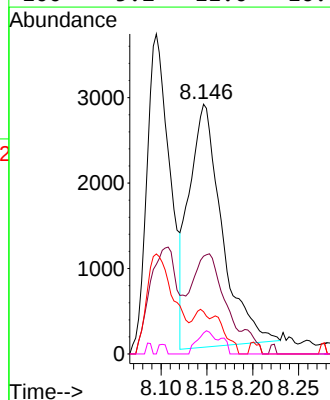
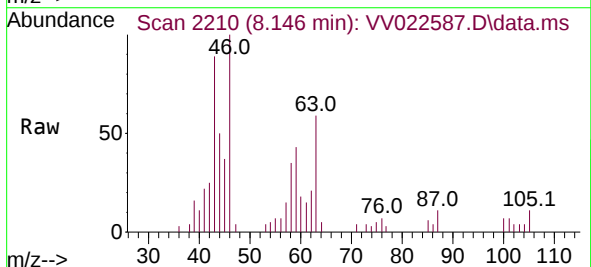
Instrument :
MSVOA_V
ClientSampled :

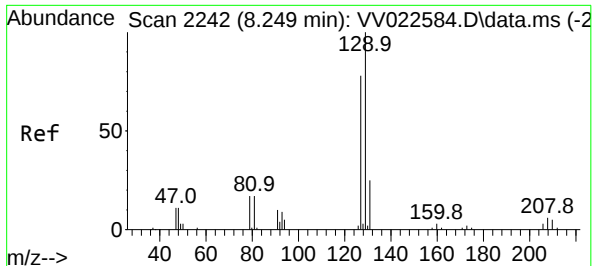
Tgt Ion:164 Resp: 51704
Ion Ratio Lower Upper
164 100
129 88.0 65.5 121.6
131 86.4 62.4 116.0
166 127.0 91.1 169.3



#48
2-Hexanone
Concen: 2.853 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VV022587.D
Acq: 05 Oct 2021 22:59

Tgt Ion: 43 Resp: 7109
Ion Ratio Lower Upper
43 100
58 29.6 46.4 69.6#
57 2.3 16.3 24.5#
100 5.2 11.0 16.6#





#49

Dibromochloromethane

Concen: 7.805 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022587.D

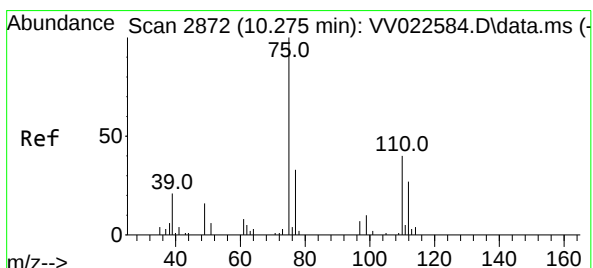
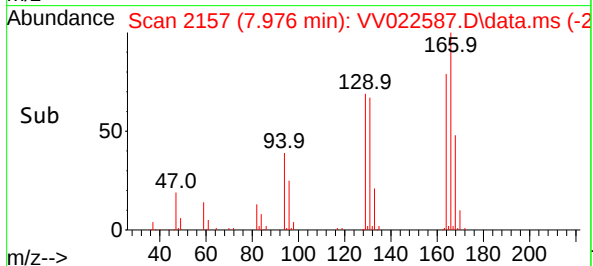
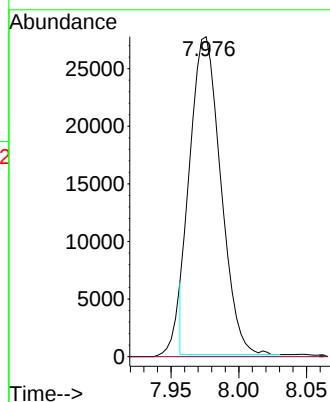
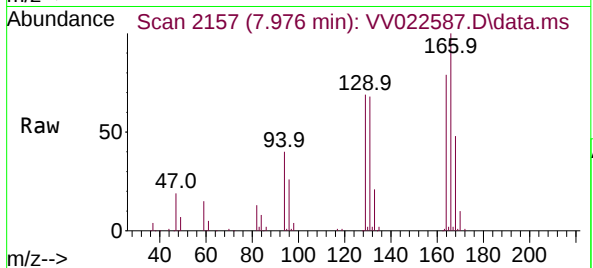
Acq: 05 Oct 2021 22:59

Tgt Ion:129 Resp: 43213

Ion Ratio Lower Upper

129 100

127 0.4 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.471 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022587.D

Acq: 05 Oct 2021 22:59

Tgt Ion: 75 Resp: 4788

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1

110 2.0 33.0 49.6#

