

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023007.D
 Acq On : 23 Oct 2021 14:11
 Operator : SY/MD
 Sample : M4277-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:06:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	117238	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57109	5.575	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5	1.564	69	40413	6.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	127.600%	
11) 1,1-Dichloroethene-d2	2.101	63	64931	4.394	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.905	46	82022	49.911	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.820%	
24) Chloroform-d	4.342	84	97771	5.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.400%	
26) 1,2-Dichloroethane-d4	5.030	65	44488	5.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.400%	
32) Benzene-d6	5.043	84	184902	5.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.066	67	58368	5.239	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.313	98	147970	4.552	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.622	79	17664	4.525	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.091	63	66991	46.353	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.700%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40145	5.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55955	6.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.800%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	3509	0.423	ug/L #	71
6) Bromomethane	1.526	94	184	0.044	ug/L	97
12) 1,1-Dichloroethene	2.108	96	781	0.130	ug/L #	1
13) Acetone	2.185	43	22808	28.288	ug/L	98
14) Carbon disulfide	2.288	76	1832	0.112	ug/L #	78
17) Methyl tert-butyl Ether	2.773	73	863	0.060	ug/L #	70
22) cis-1,2-Dichloroethene	3.905	96	57143	7.865	ug/L #	92
34) Trichloroethene	5.915	95	1815	0.217	ug/L	89
35) Methylcyclohexane	6.066	83	14131	1.178	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6031	0.717	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	1036	0.099	ug/L #	65
42) Toluene	7.394	91	6189	0.183	ug/L	91
47) Tetrachloroethene	7.972	164	2575	0.364	ug/L	85
48) 2-Hexanone	8.146	43	9650	3.284	ug/L #	85
49) Dibromochloromethane	7.972	129	1996	0.285	ug/L #	10
53) m,p-xylene	9.143	106	1196	0.089	ug/L	76
61) 1,2,3-Trichloropropane	11.246	75	6323	1.772	ug/L #	63
65) 1,4-Dichlorobenzene	11.275	146	745	0.054	ug/L #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023007.D
Acq On : 23 Oct 2021 14:11
Operator : SY/MD
Sample : M4277-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

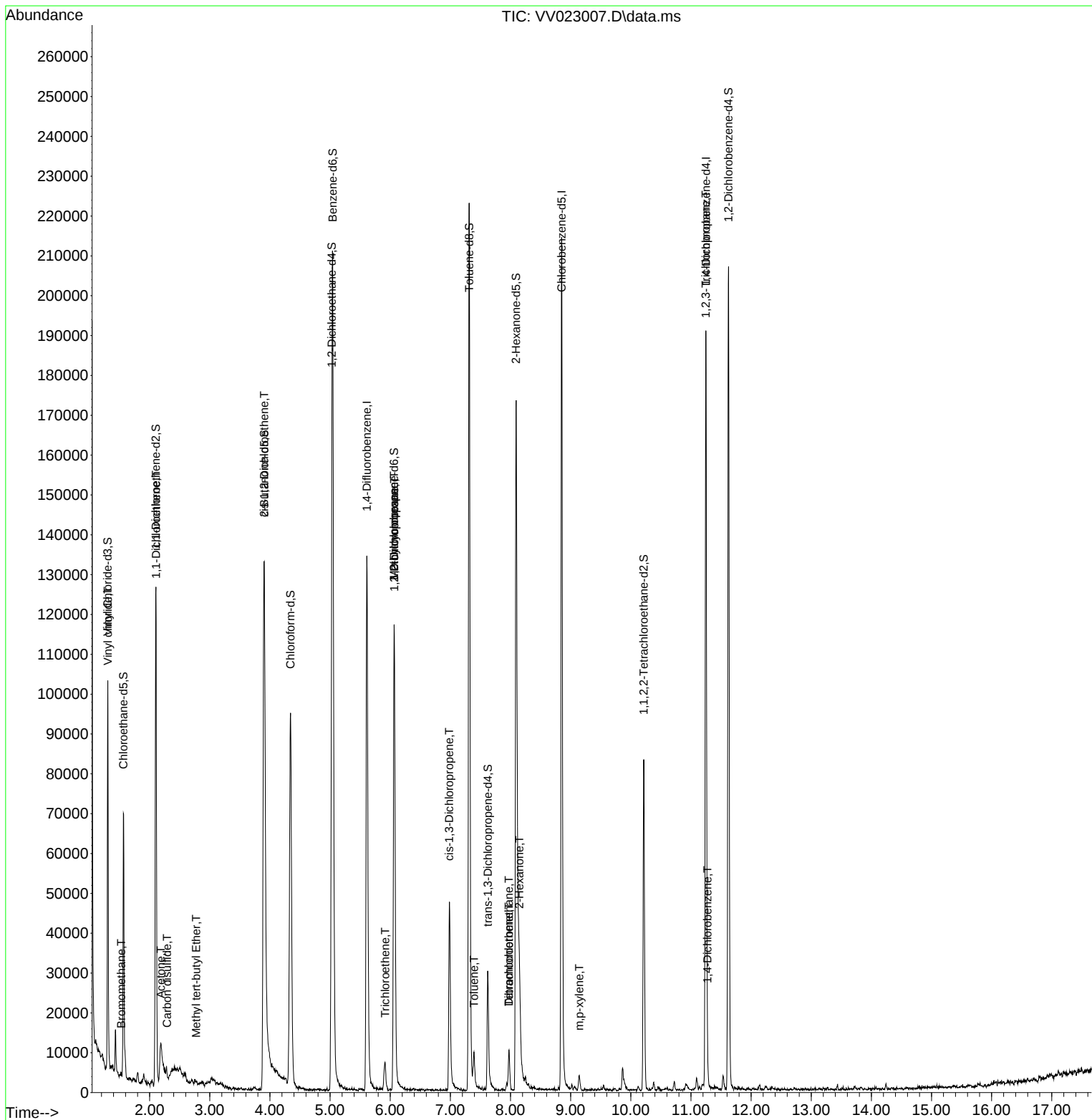
Instrument :
MSVOA_V
ClientSampleId :

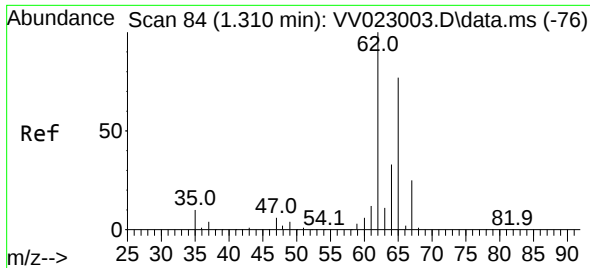
Quant Time: Oct 25 01:06:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

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

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

Quant Time: Oct 25 01:06:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

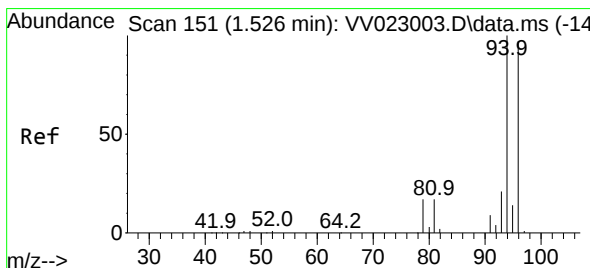
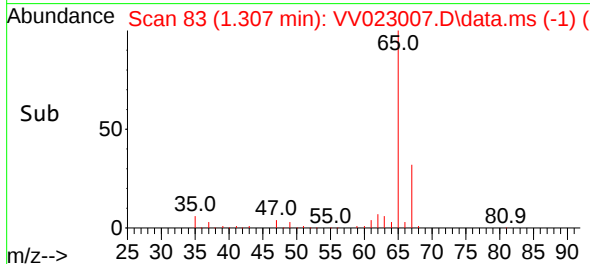
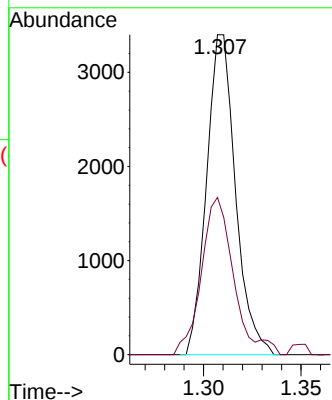
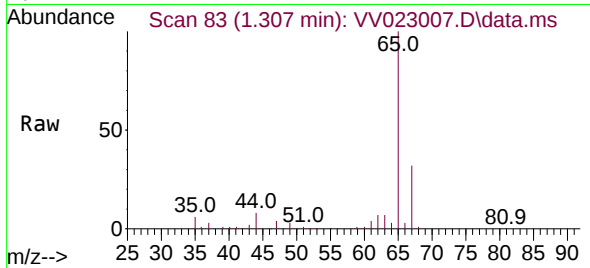




#5
 Vinyl chloride
 Concen: 0.423 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023007.D
 Acq: 23 Oct 2021 14:11

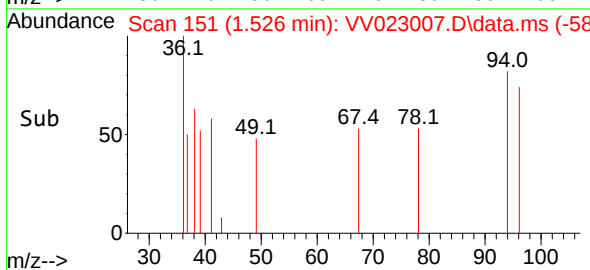
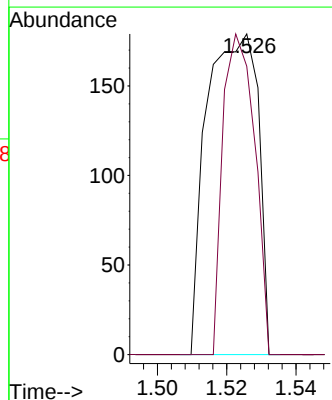
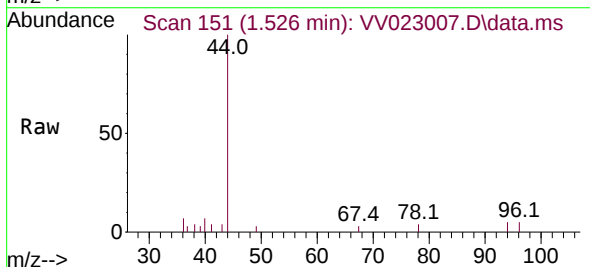
Instrument :
 MSVOA_V
 ClientSampleId :

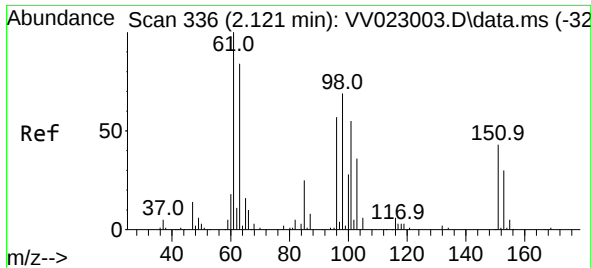
Tgt Ion: 62 Resp: 3509
 Ion Ratio Lower Upper
 62 100
 64 49.1 23.1 42.9#



#6
 Bromomethane
 Concen: 0.044 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV023007.D
 Acq: 23 Oct 2021 14:11

Tgt Ion: 94 Resp: 184
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.0 120.8

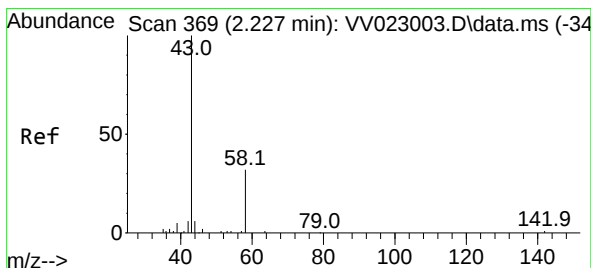
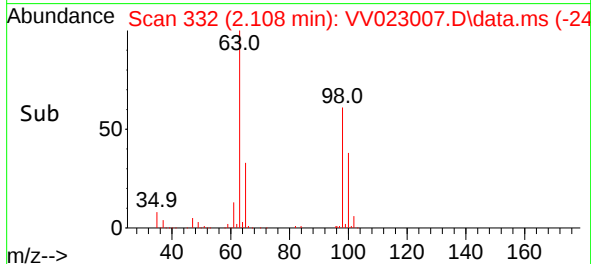
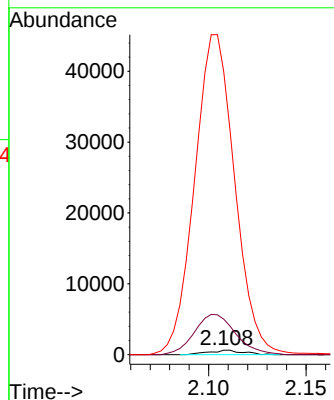
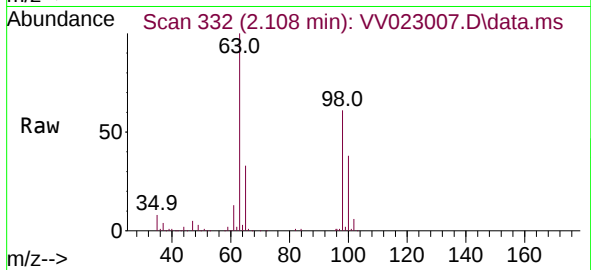




#12
1,1-Dichloroethene
Concen: 0.130 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

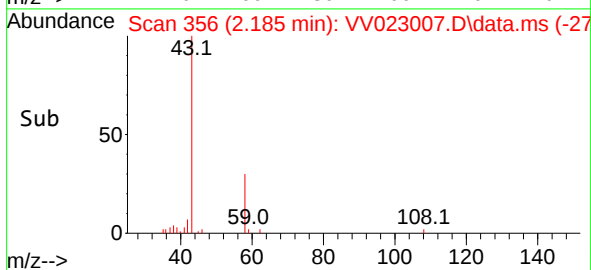
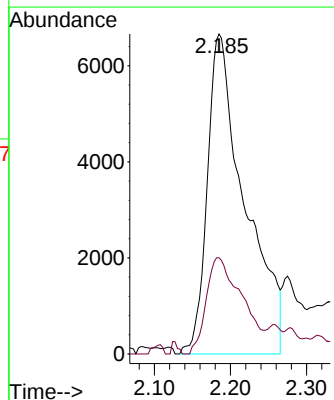
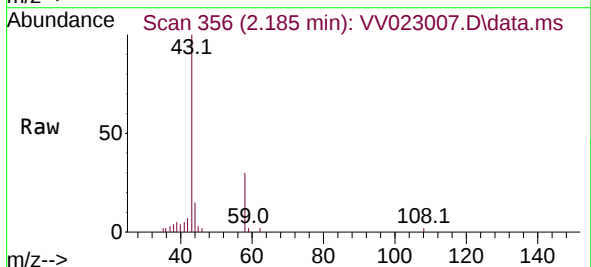
Instrument :
MSVOA_V
ClientSampleId :

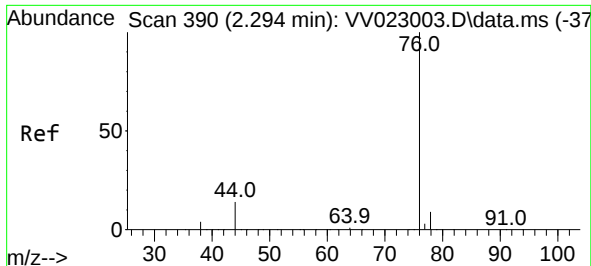
Tgt Ion: 96 Resp: 781
Ion Ratio Lower Upper
96 100
61 785.2 121.5 225.7#
63 6247.5 99.6 185.0#



#13
Acetone
Concen: 28.288 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.042 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

Tgt Ion: 43 Resp: 22808
Ion Ratio Lower Upper
43 100
58 28.7 0.0 55.4

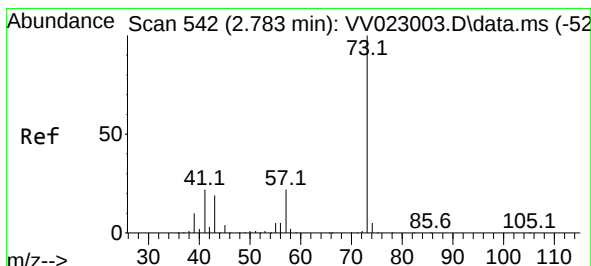
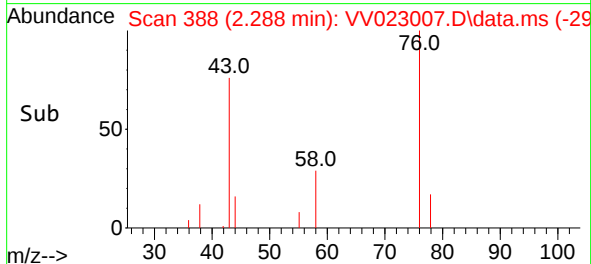
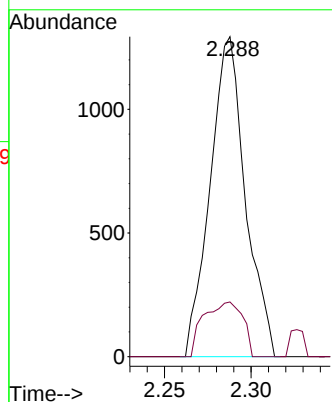
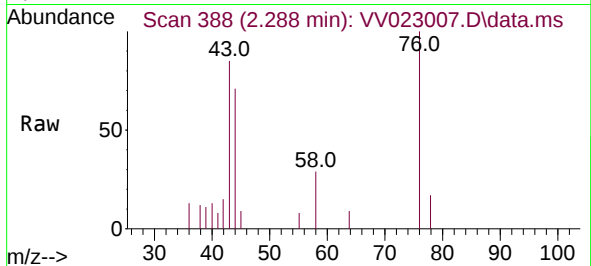




#14
Carbon disulfide
Concen: 0.112 ug/L
RT: 2.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

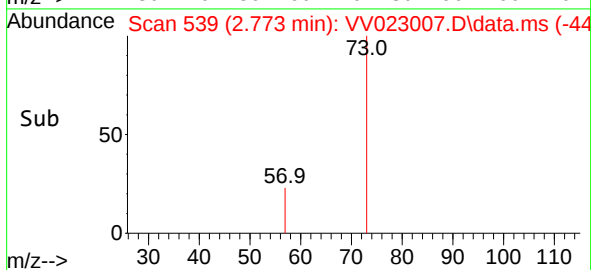
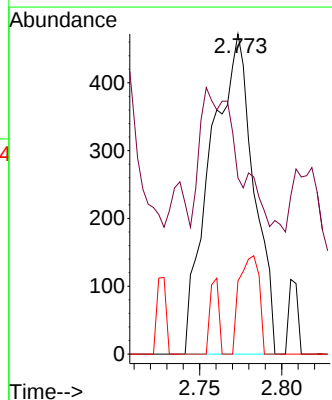
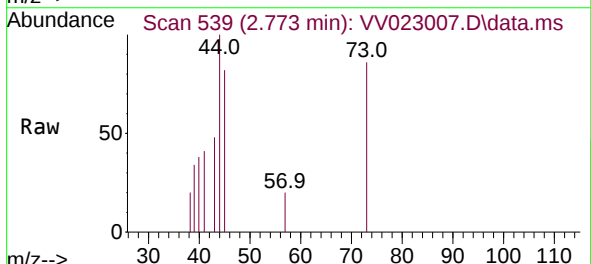
Instrument :
MSVOA_V
ClientSampleId :

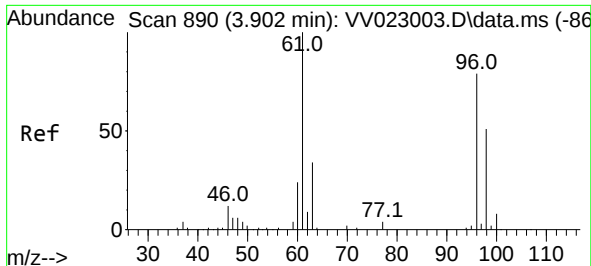
Tgt Ion: 76 Resp: 1832
Ion Ratio Lower Upper
76 100
78 17.1 7.2 10.8#



#17
Methyl tert-butyl Ether
Concen: 0.060 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.010 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

Tgt Ion: 73 Resp: 863
Ion Ratio Lower Upper
73 100
43 0.0 17.4 26.0#
57 14.1 16.5 24.7#





#22

cis-1,2-Dichloroethene

Concen: 7.865 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Instrument :

MSVOA_V

ClientSampleId :

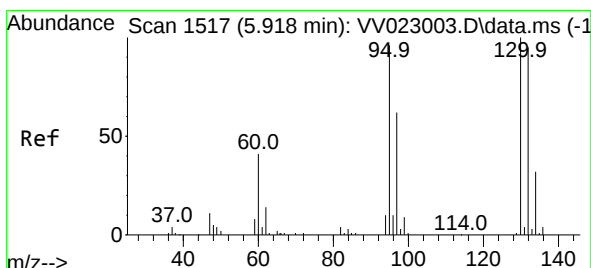
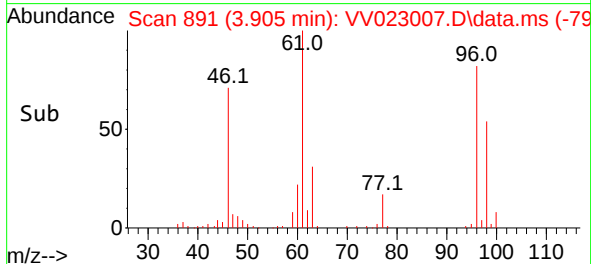
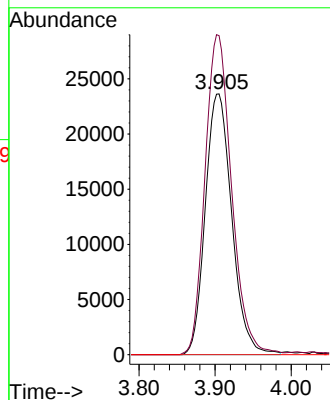
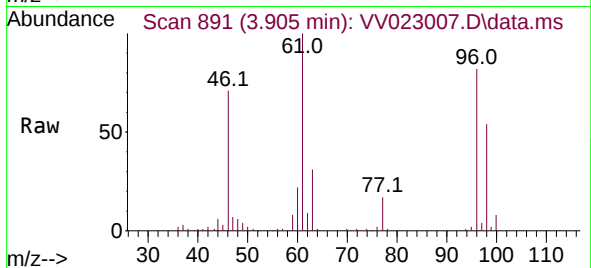
Tgt Ion: 96 Resp: 57143

Ion Ratio Lower Upper

96 100

61 122.4 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 0.217 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Tgt Ion: 95 Resp: 1815

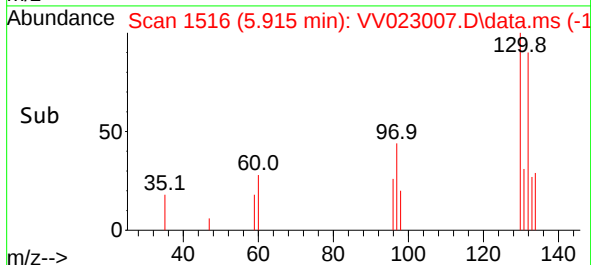
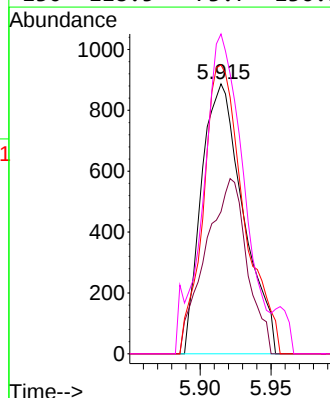
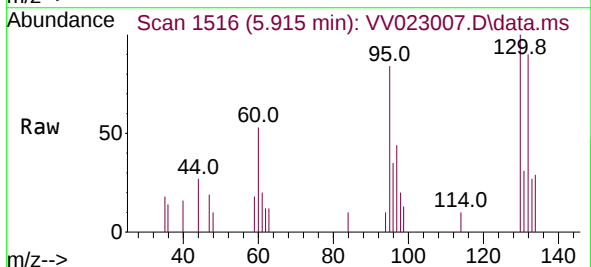
Ion Ratio Lower Upper

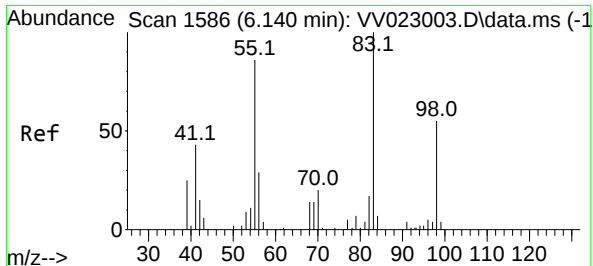
95 100

97 52.6 45.0 83.6

132 107.0 69.7 129.4

130 118.5 73.7 136.9

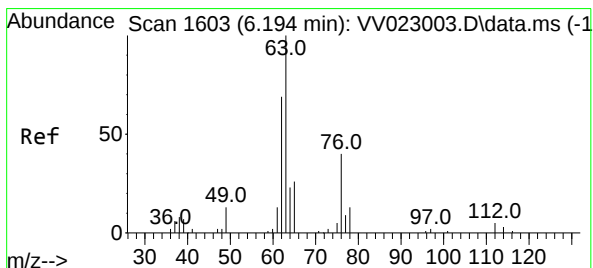
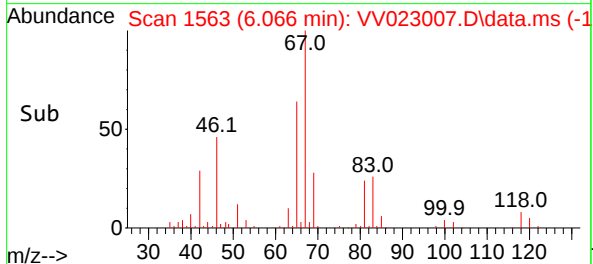
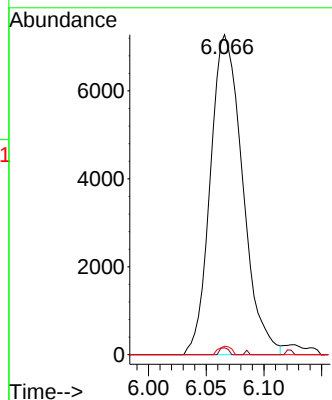
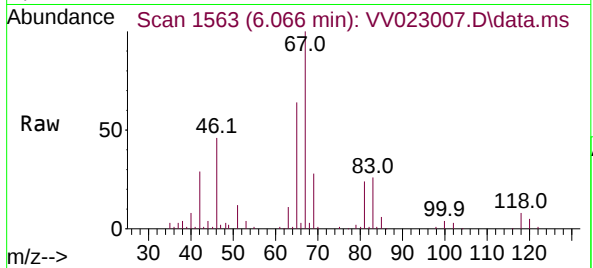




#35
Methylcyclohexane
Concen: 1.178 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.074 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

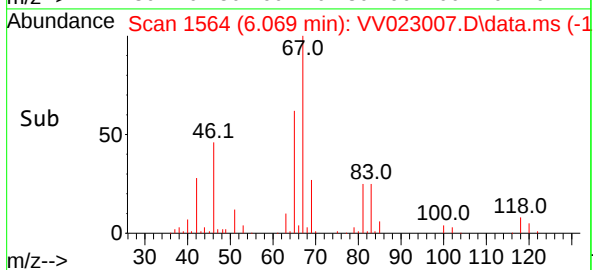
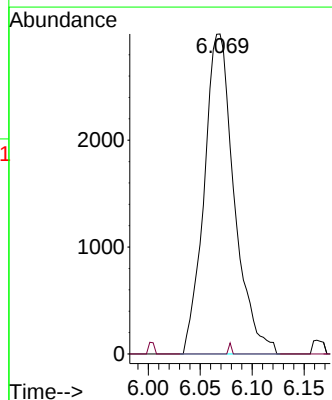
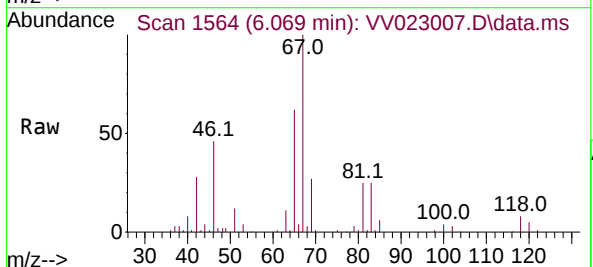
Instrument :
MSVOA_V
ClientSampleId :

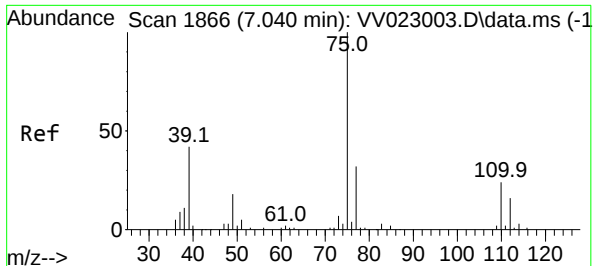
Tgt Ion: 83 Resp: 14131
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.125 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

Tgt Ion: 63 Resp: 6031
Ion Ratio Lower Upper
63 100
112 0.3 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.058 min

Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Instrument :

MSVOA_V

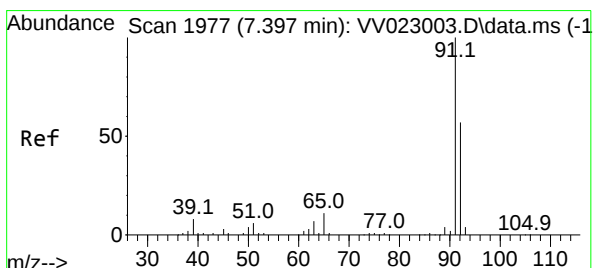
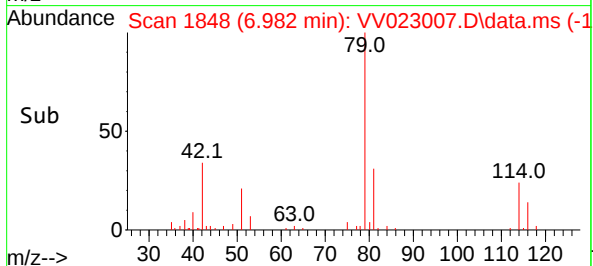
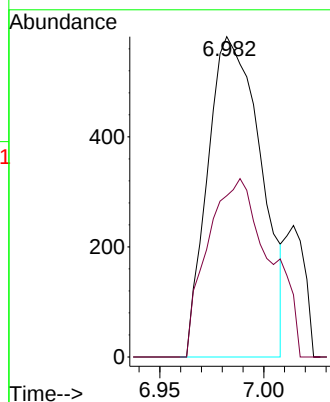
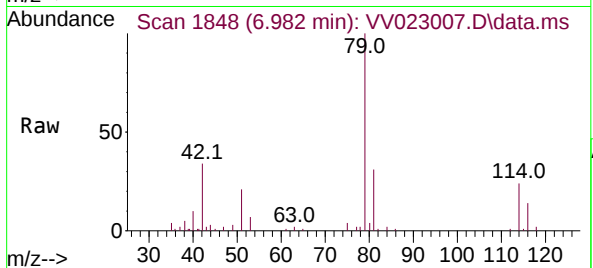
ClientSampleId :

Tgt Ion: 75 Resp: 1036

Ion Ratio Lower Upper

75 100

77 50.3 21.6 40.2#



#42

Toluene

Concen: 0.183 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. -0.003 min

Lab File: VV023007.D

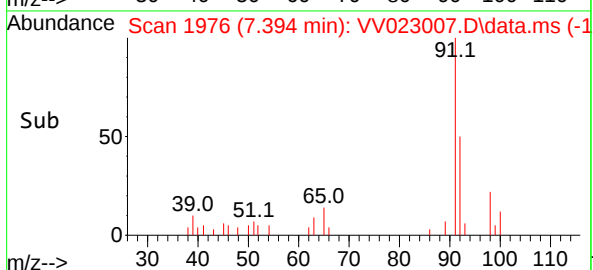
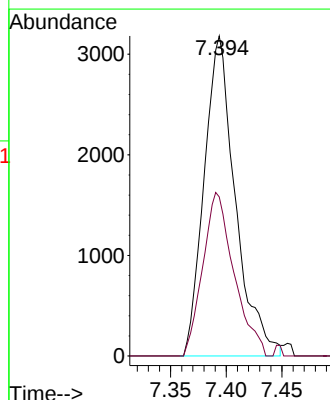
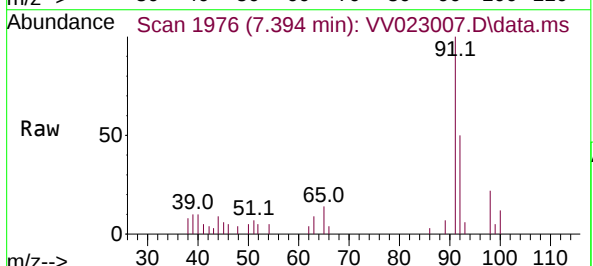
Acq: 23 Oct 2021 14:11

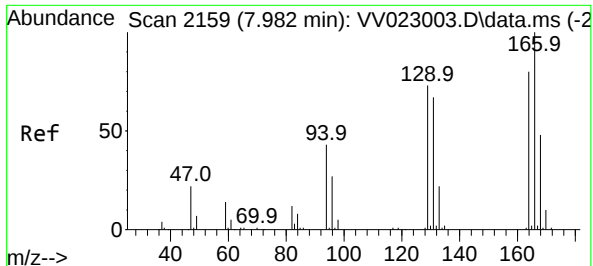
Tgt Ion: 91 Resp: 6189

Ion Ratio Lower Upper

91 100

92 49.7 39.3 72.9





#47

Tetrachloroethene

Concen: 0.364 ug/L

RT: 7.972 min Scan# 2159

Delta R.T. -0.010 min

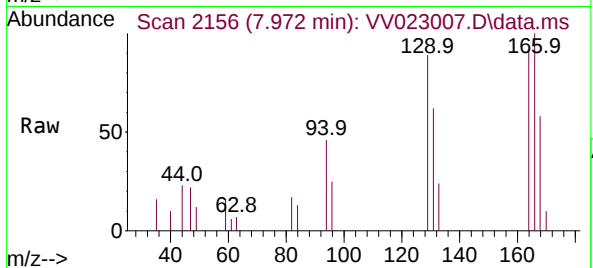
Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2575

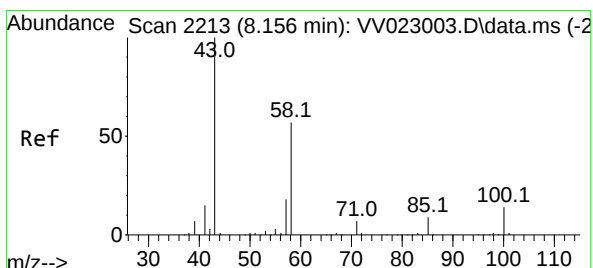
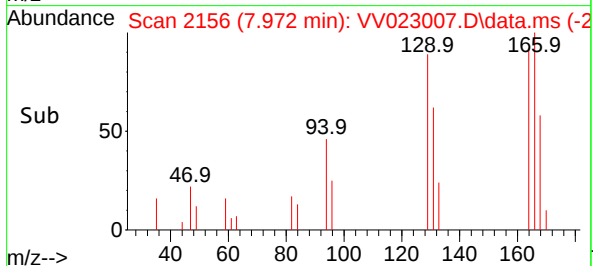
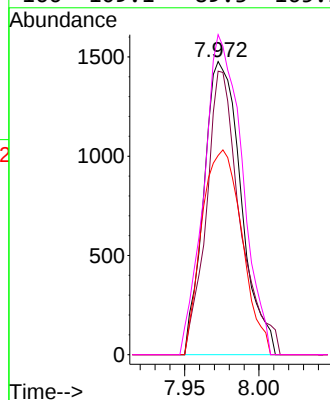
Ion Ratio Lower Upper

164 100

129 96.7 64.0 119.0

131 68.0 63.4 117.8

166 109.1 89.3 165.9



#48

2-Hexanone

Concen: 3.284 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. -0.010 min

Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Tgt Ion: 43 Resp: 9650

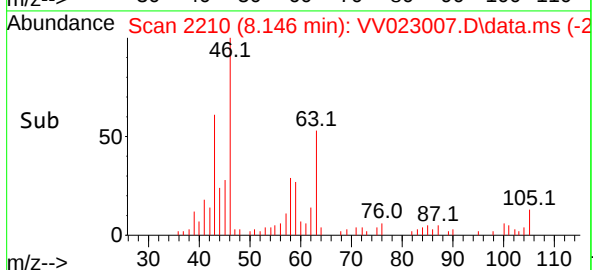
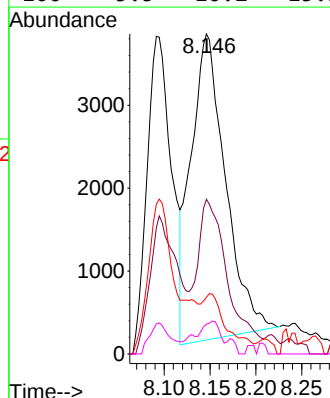
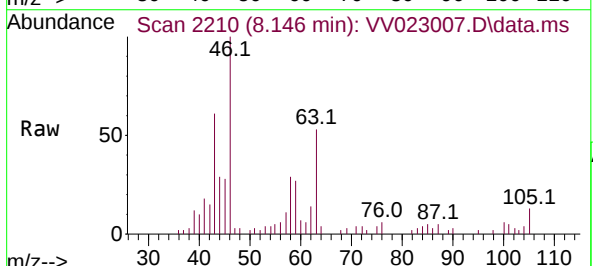
Ion Ratio Lower Upper

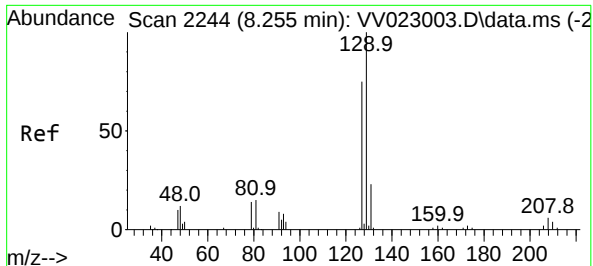
43 100

58 45.2 43.7 65.5

57 9.3 14.1 21.1#

100 5.5 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.285 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV023007.D

Acq: 23 Oct 2021 14:11

Instrument :

MSVOA_V

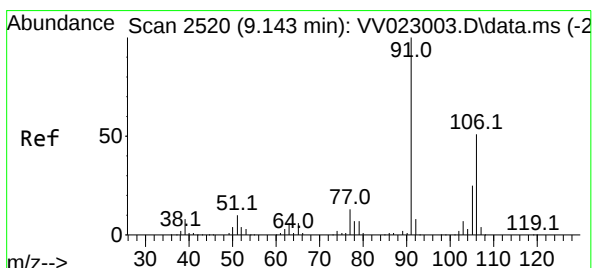
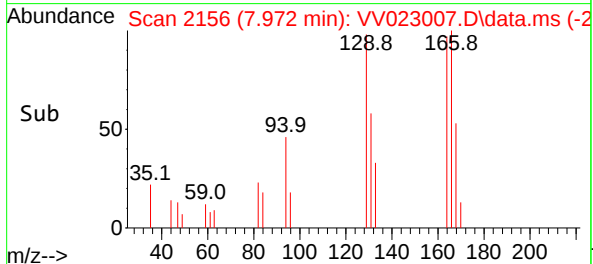
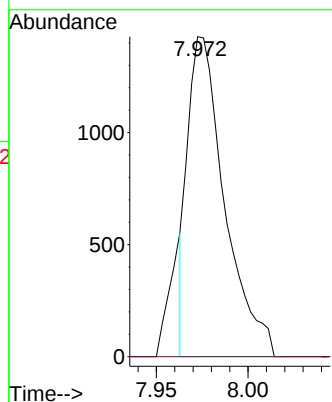
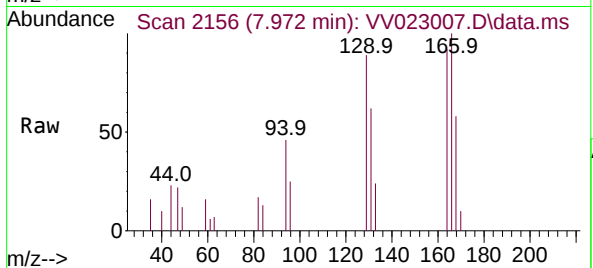
ClientSampleId :

Tgt Ion:129 Resp: 1996

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#53

m,p-xylene

Concen: 0.089 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VV023007.D

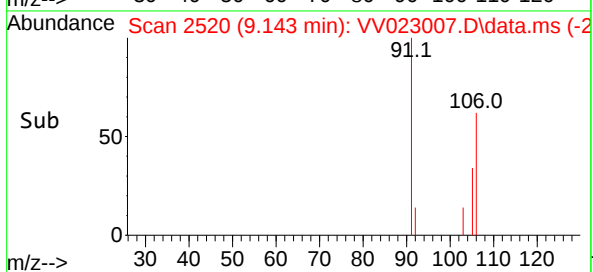
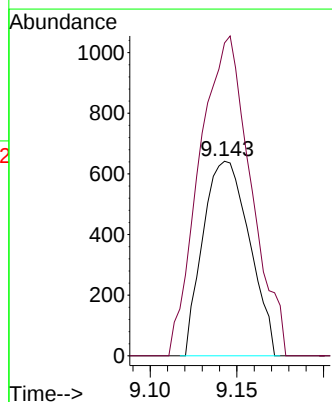
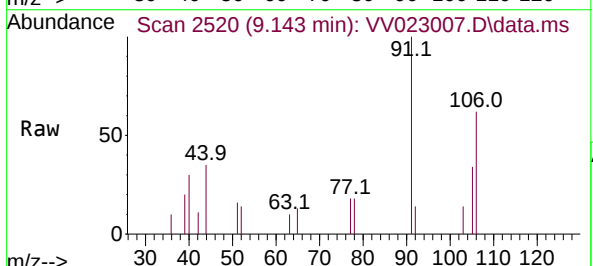
Acq: 23 Oct 2021 14:11

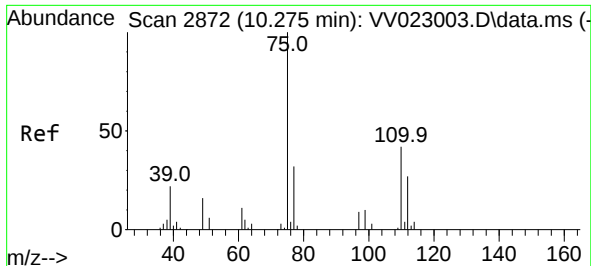
Tgt Ion:106 Resp: 1196

Ion Ratio Lower Upper

106 100

91 160.7 137.2 254.8

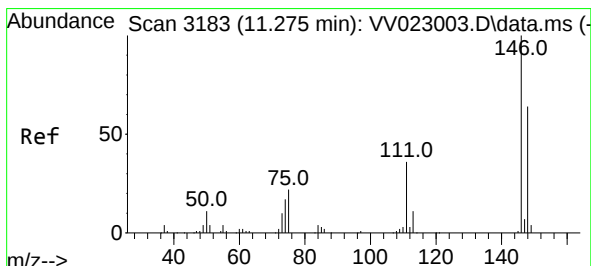
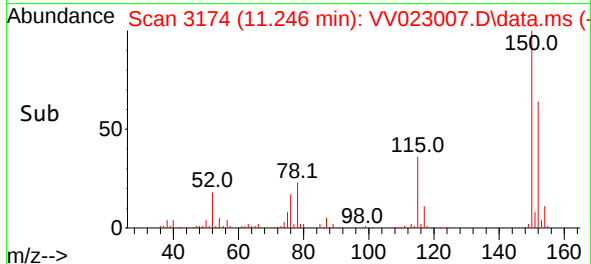
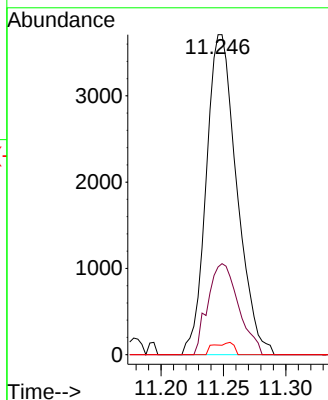
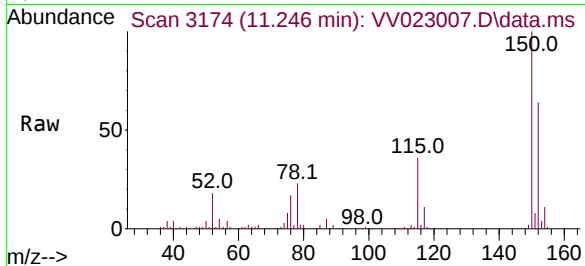




#61
1,2,3-Trichloropropane
Concen: 1.772 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6323
Ion Ratio Lower Upper
75 100
77 28.6 26.6 39.8
110 2.5 31.8 47.6#



#65
1,4-Dichlorobenzene
Concen: 0.054 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV023007.D
Acq: 23 Oct 2021 14:11

Tgt Ion:146 Resp: 745
Ion Ratio Lower Upper
146 100
111 52.0 26.2 48.8#
148 70.3 44.4 82.5

