

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023243.D
 Acq On : 05 Nov 2021 19:31
 Operator : SY/MD
 Sample : M4535-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:19:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128446	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41340	5.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.800%		
7) Chloroethane-d5	1.568	69	36331	5.540	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.108	63	59041	3.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.400%		
20) 2-Butanone-d5	3.889	46	93049	76.537	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 153.080%#		
24) Chloroform-d	4.352	84	88709	5.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	5.034	65	43430	5.632	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
32) Benzene-d6	5.053	84	173561	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
36) 1,2-Dichloropropane-d6	6.072	67	53281	5.424	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.400%		
41) Toluene-d8	7.317	98	148003	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.600%		
43) trans-1,3-Dichloroprop...	7.625	79	17622	4.731	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.600%		
46) 2-Hexanone-d5	8.088	63	68517	50.000	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34532	4.889	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56002	5.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	3806	0.304	ug/L	97
3) Chloromethane	1.134	50	10129	0.951	ug/L #	73
8) Chloroethane	1.307	64	734	0.120	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	542	0.071	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1400	0.083	ug/L #	73
22) cis-1,2-Dichloroethene	3.915	96	978	0.108	ug/L	97
27) 1,2-Dichloroethane	5.056	62	989	0.110	ug/L #	73
34) Trichloroethene	5.921	95	5619	0.581	ug/L	97
35) Methylcyclohexane	6.072	83	12668	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6115	0.721	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1337	0.110	ug/L #	63
42) Toluene	7.400	91	2573	0.066	ug/L	90
47) Tetrachloroethene	7.976	164	69665	8.316	ug/L	98
48) 2-Hexanone	8.146	43	3650	1.293	ug/L #	51
49) Dibromochloromethane	7.976	129	62390	8.076	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6370	1.590	ug/L #	65

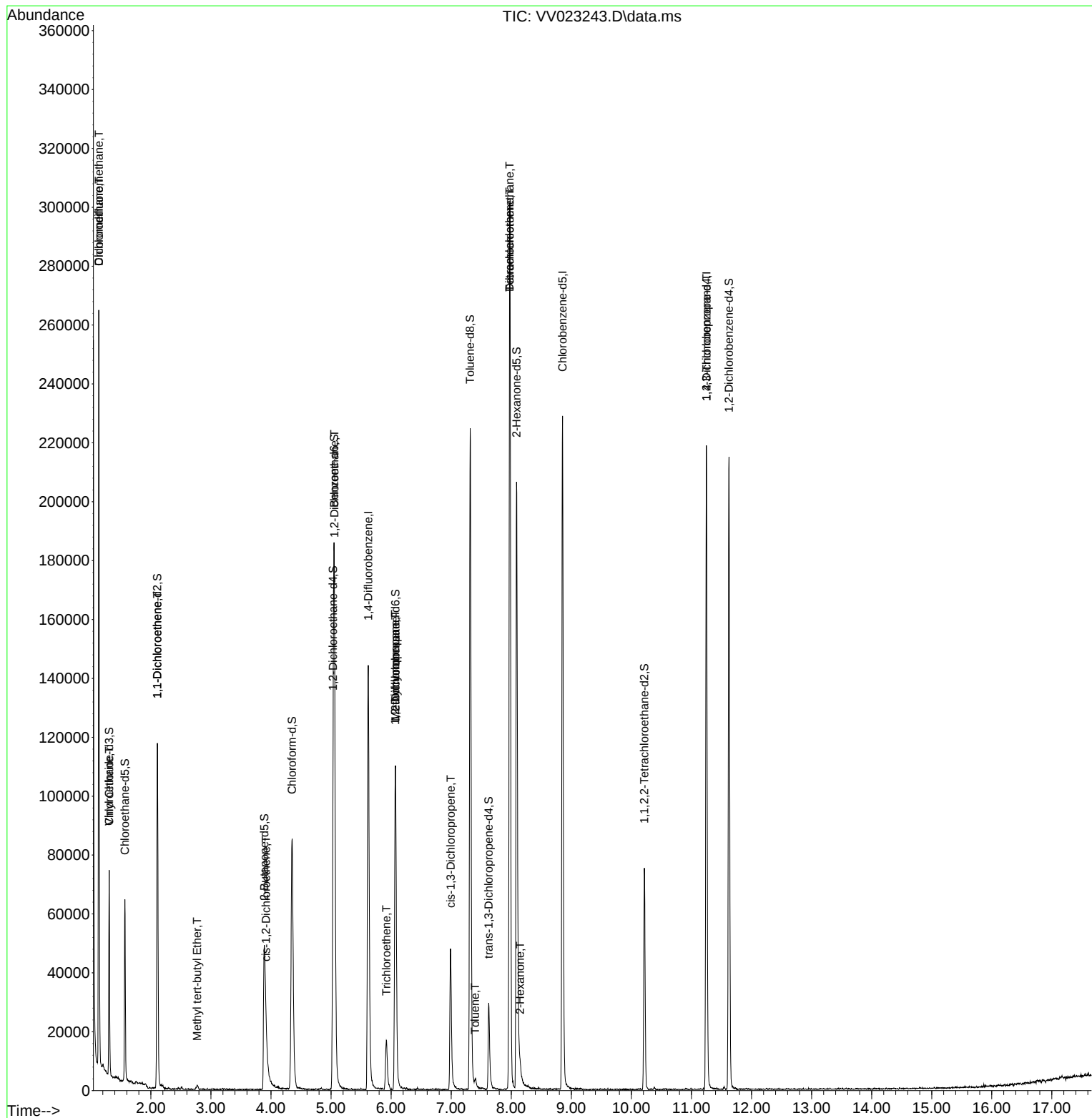
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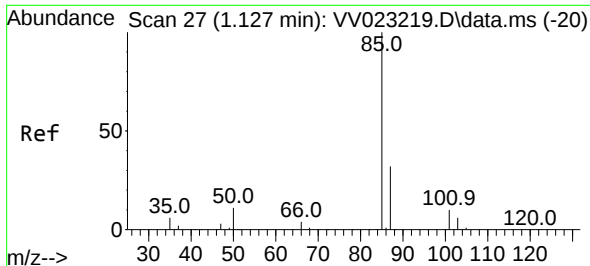
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
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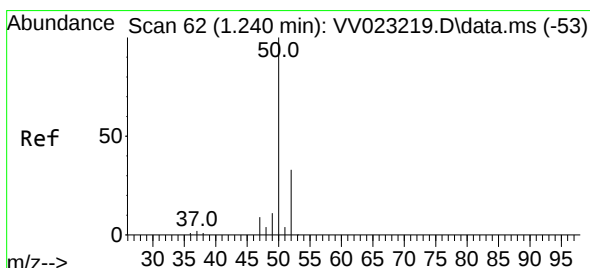
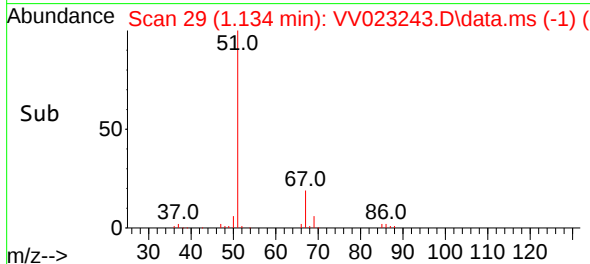
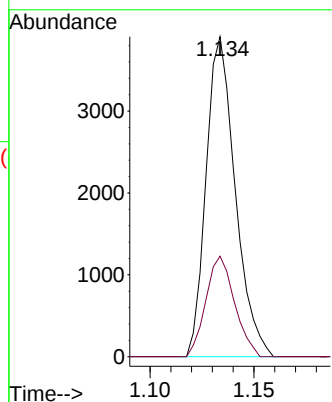
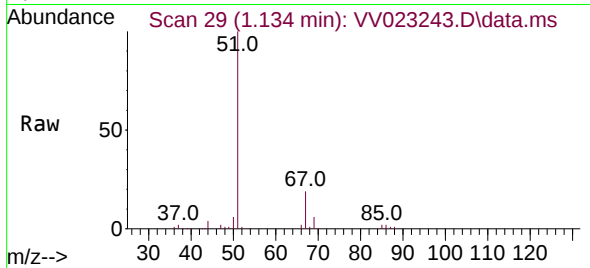




#2
 Dichlorodifluoromethane
 Concen: 0.304 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023243.D
 Acq: 05 Nov 2021 19:31

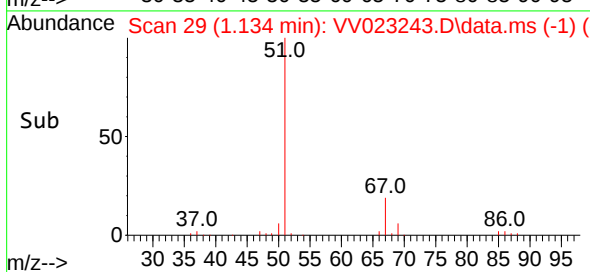
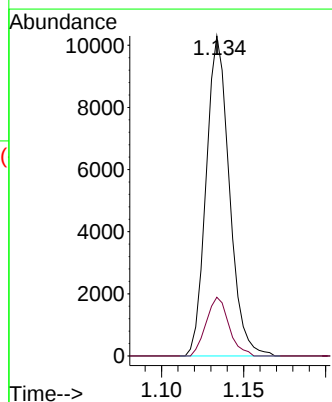
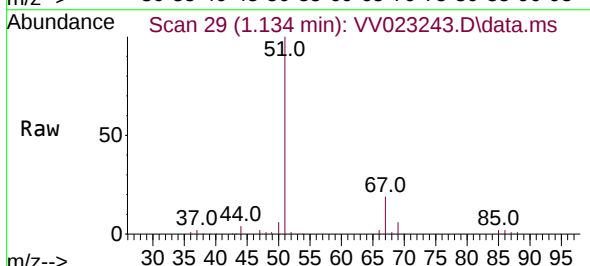
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 MSVOA_V
 ClientSampleId :

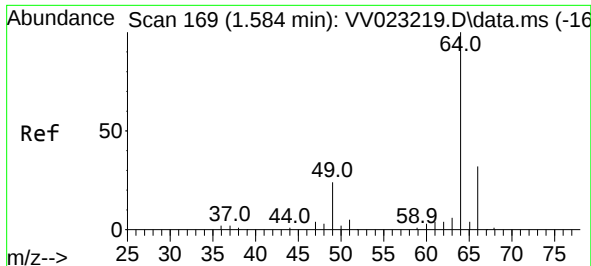
Tgt Ion: 85 Resp: 3806
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.0 39.0



#3
 Chloromethane
 Concen: 0.951 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023243.D
 Acq: 05 Nov 2021 19:31

Tgt Ion: 50 Resp: 10129
 Ion Ratio Lower Upper
 50 100
 52 18.4 23.7 43.9#

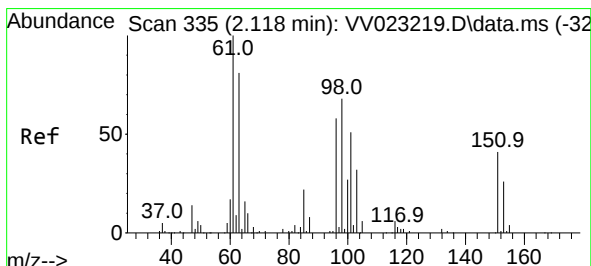
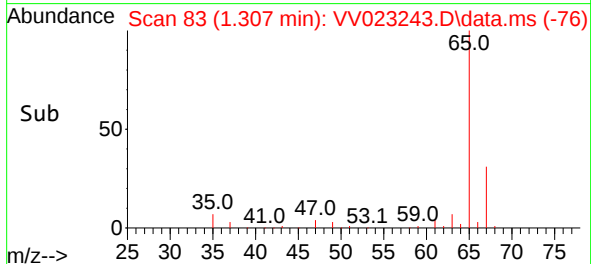
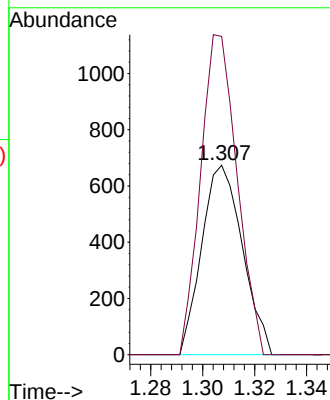
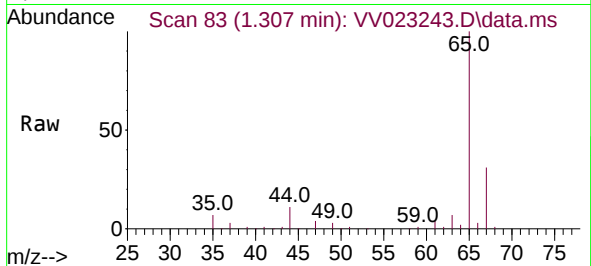




#8
Chloroethane
Concen: 0.120 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

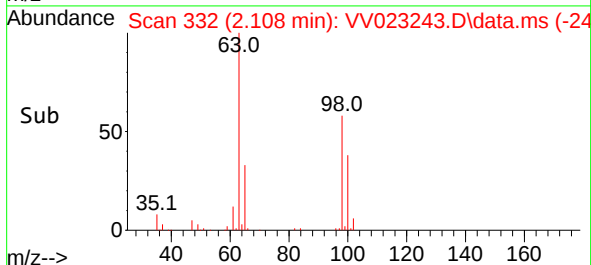
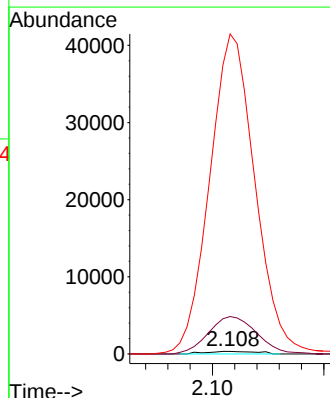
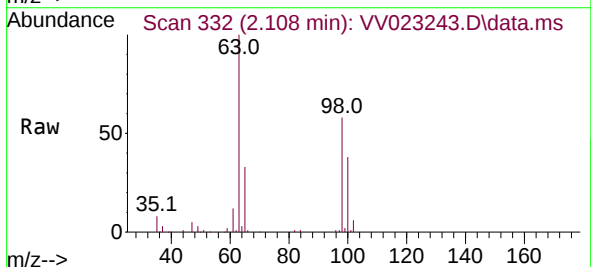
Instrument :
MSVOA_V
ClientSampleId :

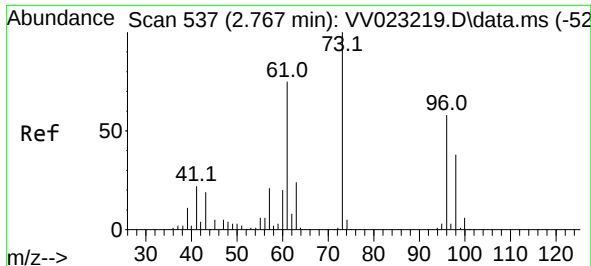
Tgt Ion: 64 Resp: 734
Ion Ratio Lower Upper
64 100
66 168.0 22.4 41.6#



#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

Tgt Ion: 96 Resp: 542
Ion Ratio Lower Upper
96 100
61 1451.0 117.7 218.7#
63 12382.1 80.5 149.5#

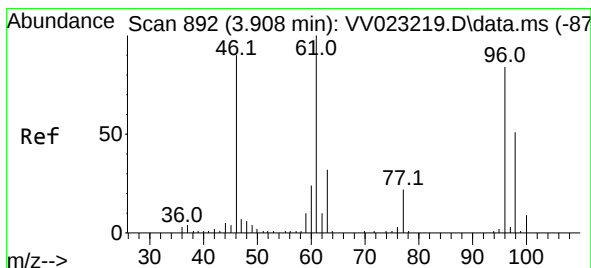
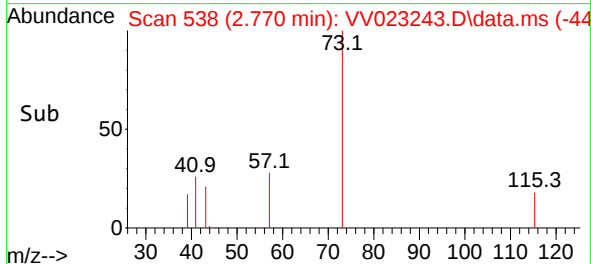
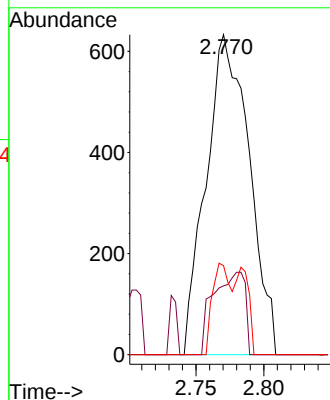
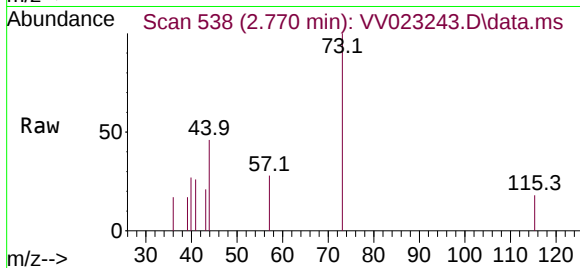




#17
Methyl tert-butyl Ether
Concen: 0.083 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

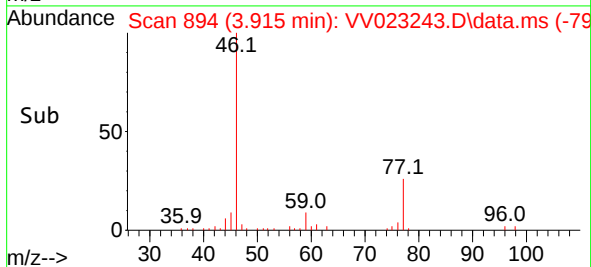
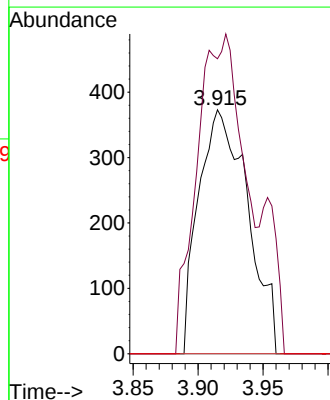
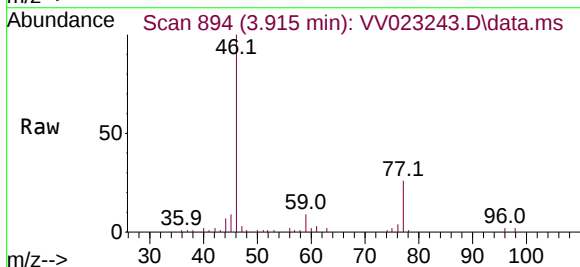
Instrument :
MSVOA_V
ClientSampleId :

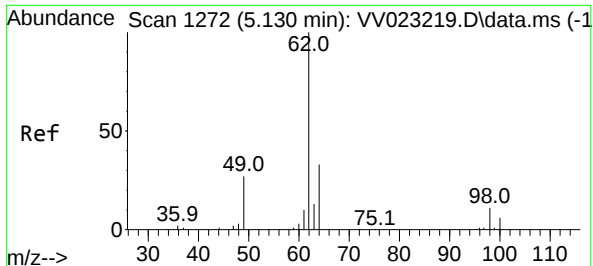
Tgt Ion: 73 Resp: 1400
Ion Ratio Lower Upper
73 100
43 3.1 14.2 21.4#
57 12.0 17.8 26.8#



#22
cis-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

Tgt Ion: 96 Resp: 978
Ion Ratio Lower Upper
96 100
61 120.9 86.7 160.9
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Instrument :

MSVOA_V

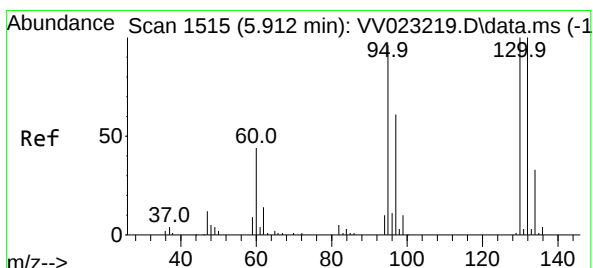
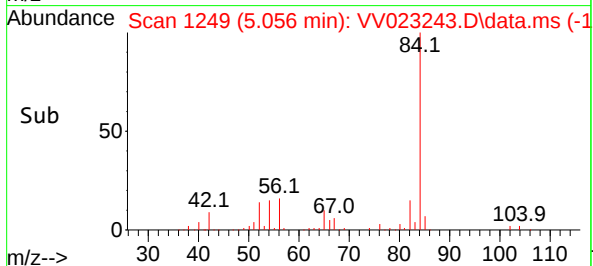
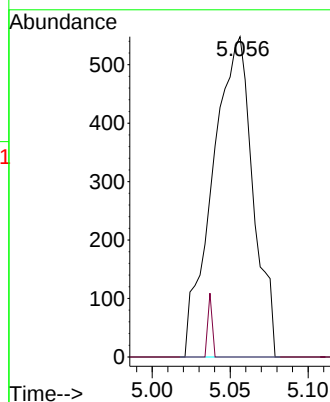
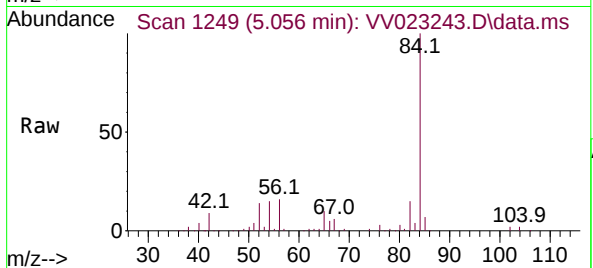
ClientSampleId :

Tgt Ion: 62 Resp: 989

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 0.581 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Tgt Ion: 95 Resp: 5619

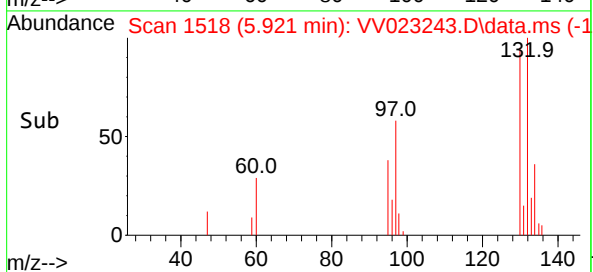
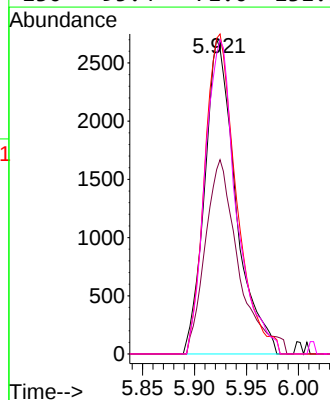
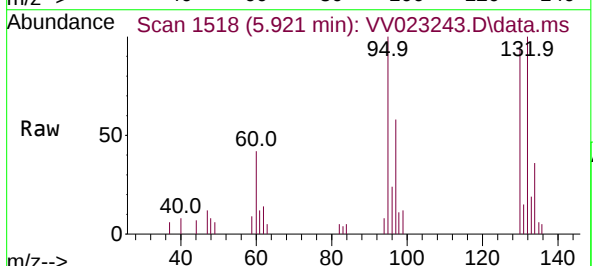
Ion Ratio Lower Upper

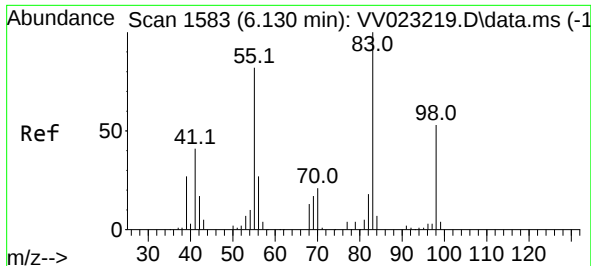
95 100

97 58.6 43.3 80.5

132 100.3 70.0 130.0

130 95.4 71.0 131.8

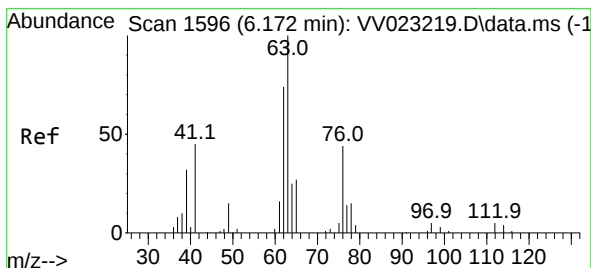
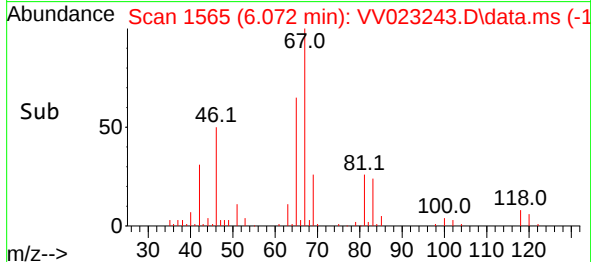
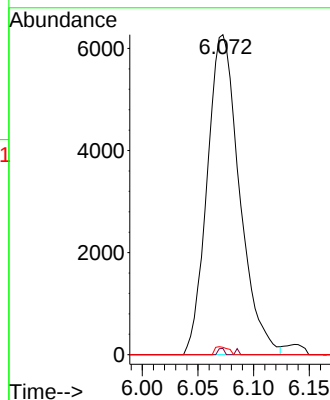
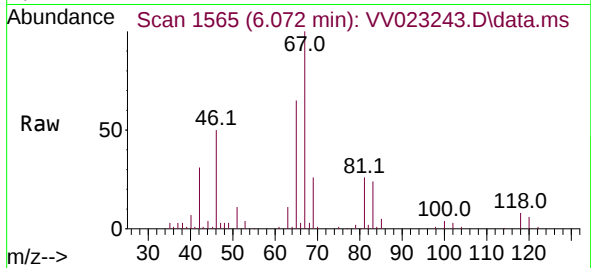




#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

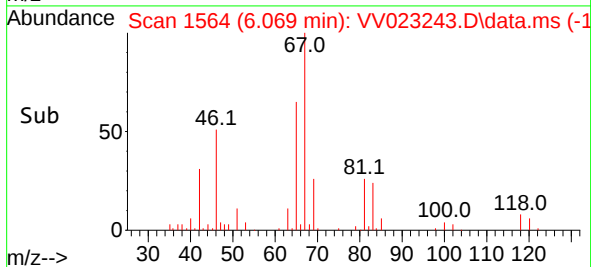
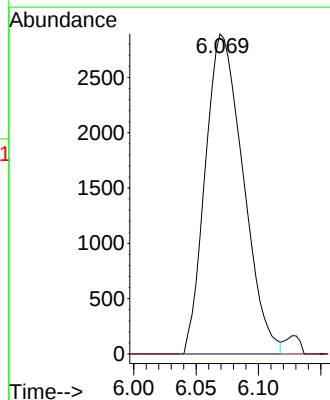
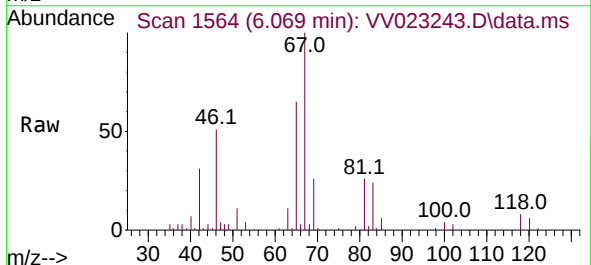
Instrument :
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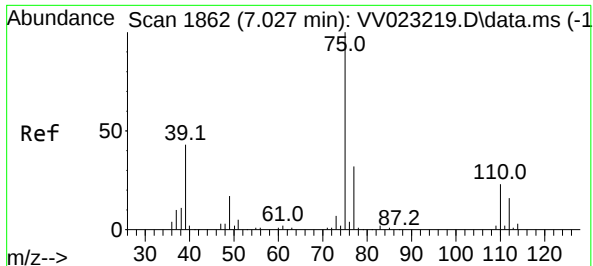
Tgt Ion: 83 Resp: 12668
Ion Ratio Lower Upper
83 100
55 0.4 59.6 89.4#
98 1.0 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023243.D
Acq: 05 Nov 2021 19:31

Tgt Ion: 63 Resp: 6115
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Instrument :

MSVOA_V

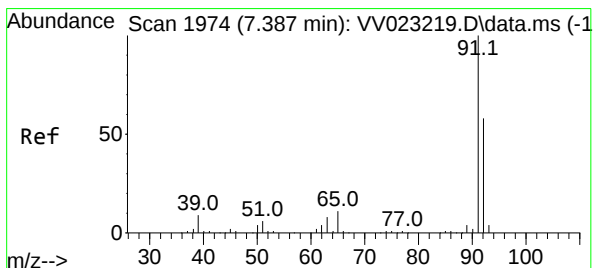
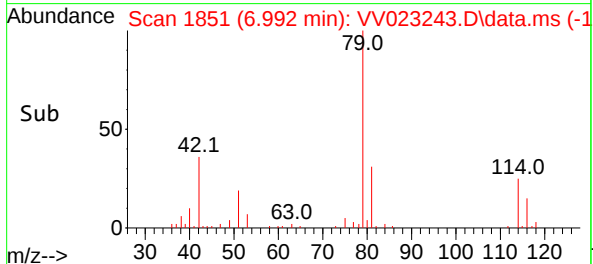
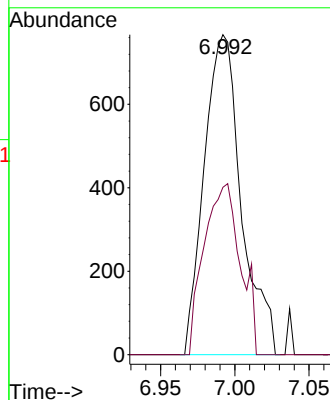
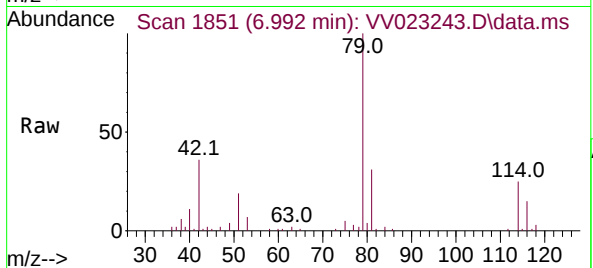
ClientSampleId :

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 52.3 22.3 41.3#



#42

Toluene

Concen: 0.066 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023243.D

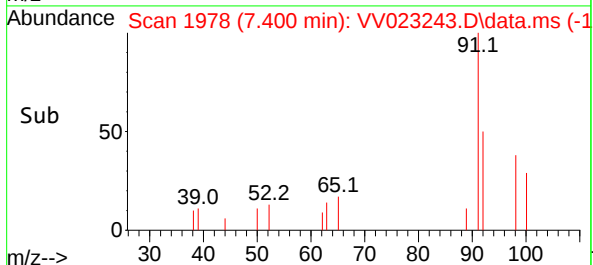
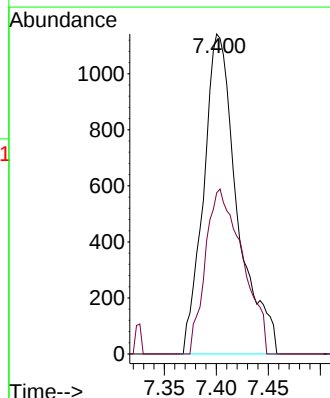
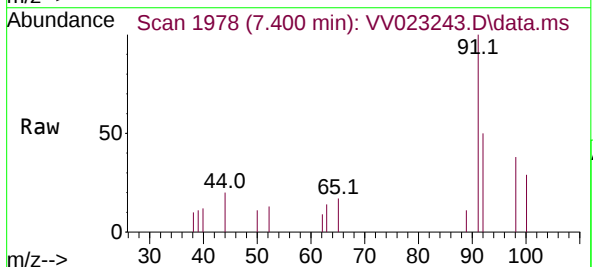
Acq: 05 Nov 2021 19:31

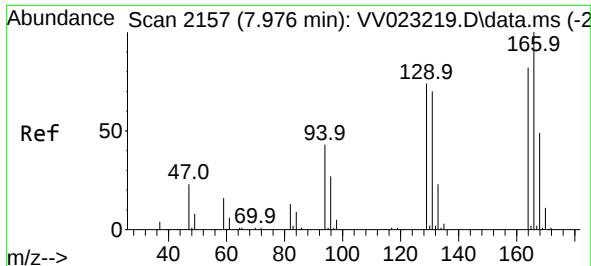
Tgt Ion: 91 Resp: 2573

Ion Ratio Lower Upper

91 100

92 50.4 40.4 75.0





#47

Tetrachloroethene

Concen: 8.316 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

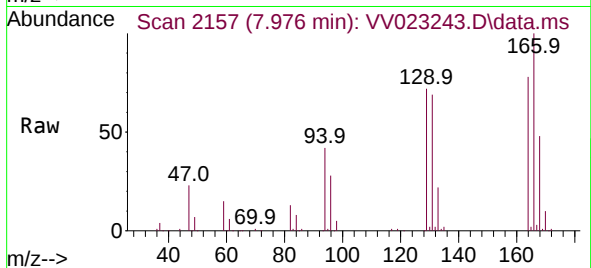
Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 69665

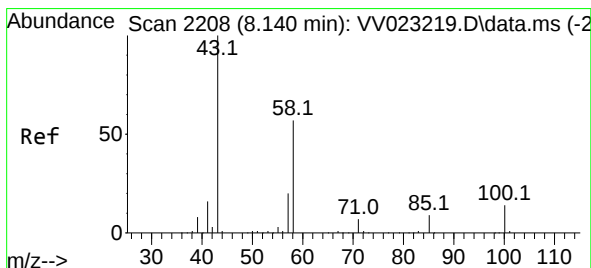
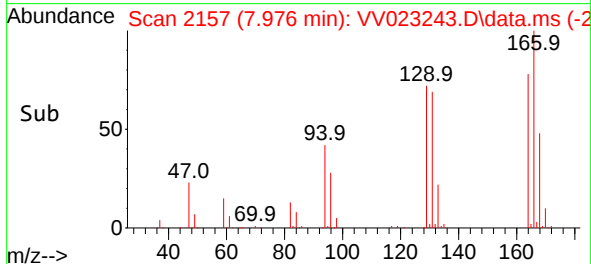
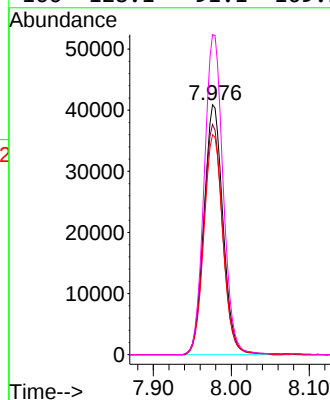
Ion Ratio Lower Upper

164 100

129 92.1 65.5 121.7

131 87.9 63.9 118.7

166 128.1 91.1 169.1



#48

2-Hexanone

Concen: 1.293 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Tgt Ion: 43 Resp: 3650

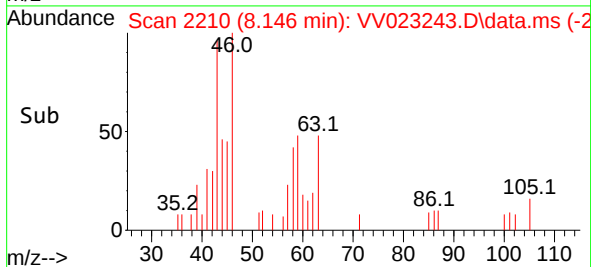
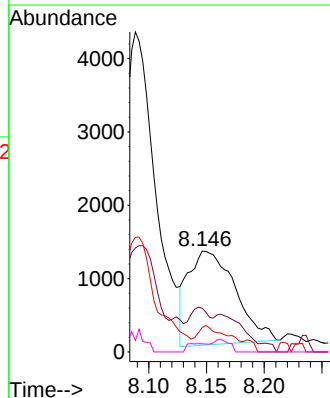
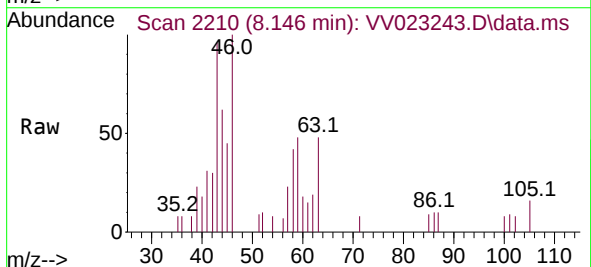
Ion Ratio Lower Upper

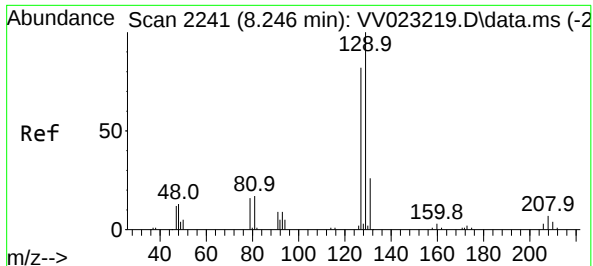
43 100

58 7.0 43.0 64.6#

57 9.8 14.9 22.3#

100 3.5 10.3 15.5#





#49

Dibromochloromethane

Concen: 8.076 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Instrument :

MSVOA_V

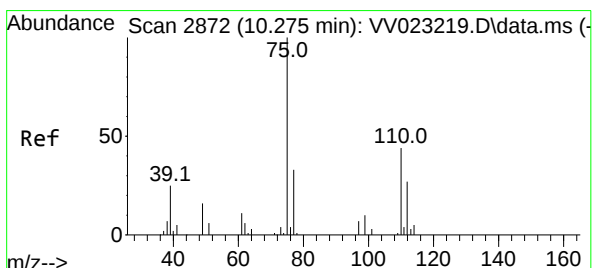
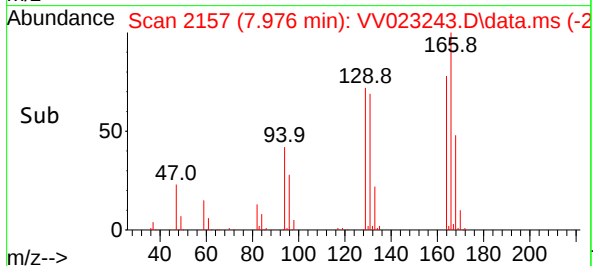
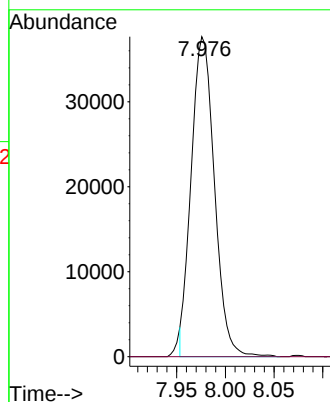
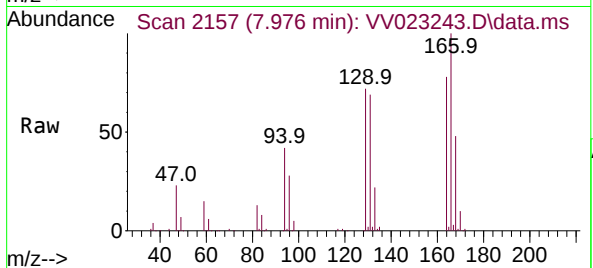
ClientSampleId :

Tgt Ion:129 Resp: 62390

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.590 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023243.D

Acq: 05 Nov 2021 19:31

Tgt Ion: 75 Resp: 6370

Ion Ratio Lower Upper

75 100

77 33.8 26.6 39.8

110 1.6 33.0 49.4#

