

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023327.D
 Acq On : 10 Nov 2021 12:58
 Operator : SY/MD
 Sample : M4545-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39804	5.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.568	69	31875	5.000	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.111	63	70487	4.813	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.889	46	70582	52.373	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.740%	
24) Chloroform-d	4.352	84	73296	4.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.037	65	35071	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.053	84	147737	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.072	67	44452	4.695	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.320	98	126495	4.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.629	79	15236	4.244	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.088	63	51771	39.192	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29286	4.301	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47473	4.911	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1138	0.110	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1355	0.173	ug/L #	63
12) 1,1-Dichloroethene	2.121	96	29058	3.902	ug/L	94
13) Acetone	2.175	43	2272	2.759	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	2318	0.141	ug/L #	90
27) 1,2-Dichloroethane	5.053	62	897	0.102	ug/L #	72
29) 1,1,1-Trichloroethane	4.616	97	6669	0.438	ug/L	97
34) Trichloroethene	5.918	95	9116	0.978	ug/L	97
35) Methylcyclohexane	6.072	83	10823	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5028	0.615	ug/L #	83
42) Toluene	7.400	91	2655	0.071	ug/L	87
45) 1,1,2-Trichloroethane	7.985	97	562	0.096	ug/L #	25
47) Tetrachloroethene	7.976	164	73348	9.083	ug/L	98
48) 2-Hexanone	8.153	43	2419	0.910	ug/L #	48
49) Dibromochloromethane	7.976	129	65630	8.813	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6599	1.711	ug/L #	65

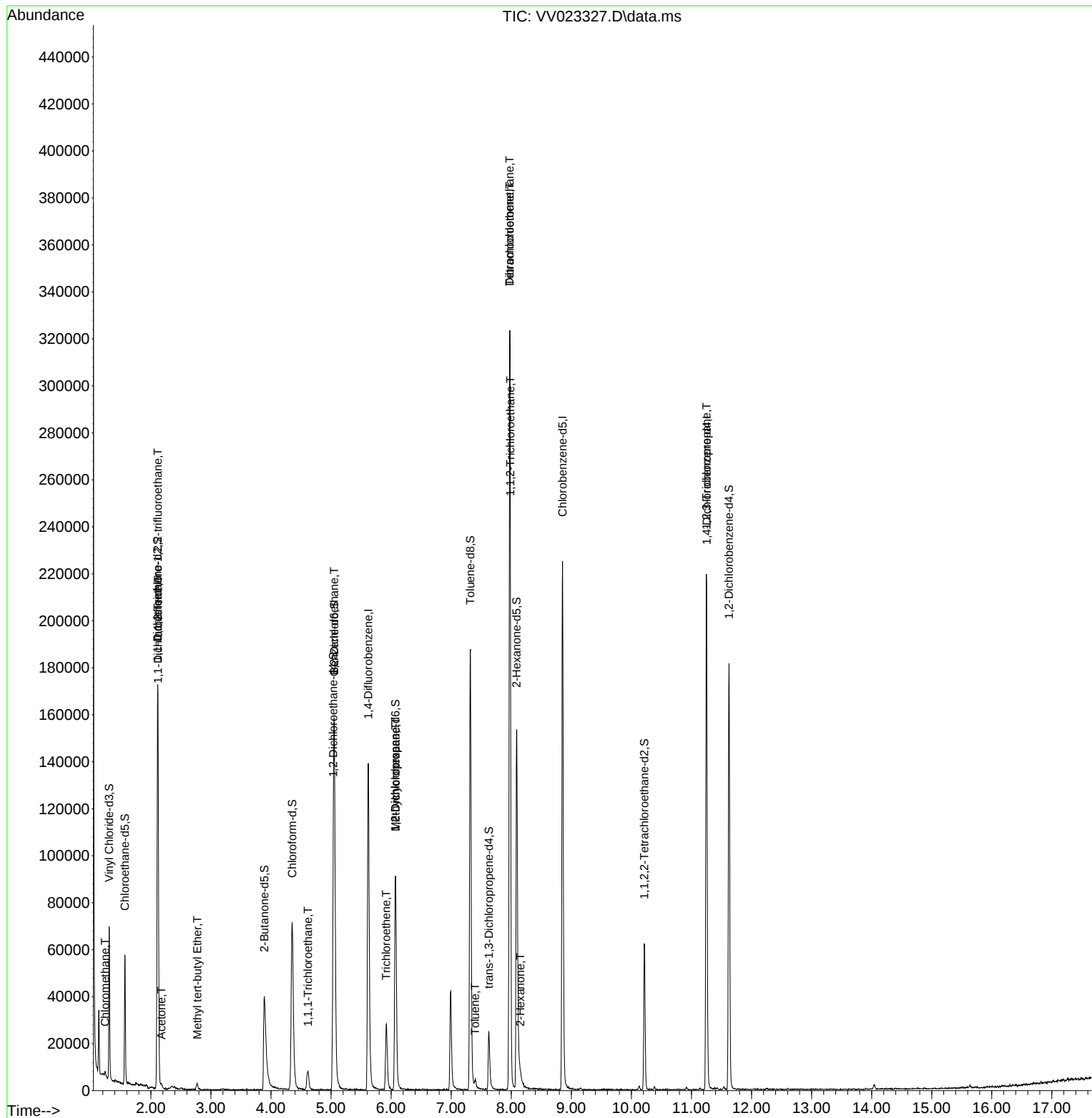
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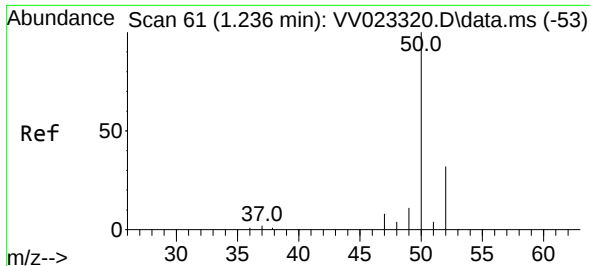
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
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Response via : Initial Calibration

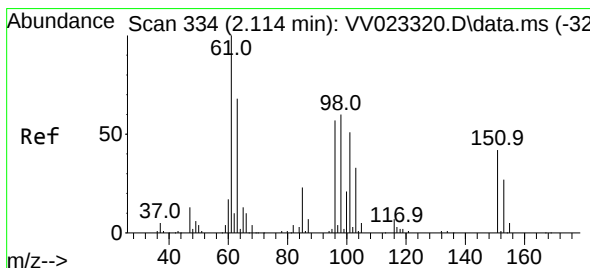
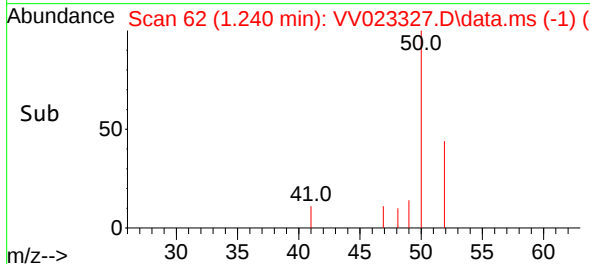
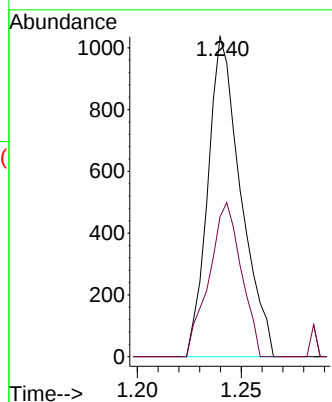
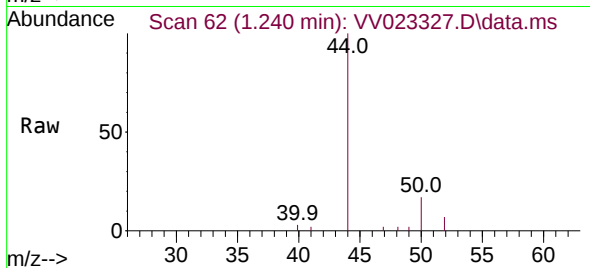




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

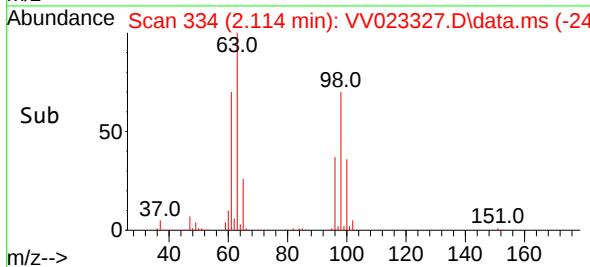
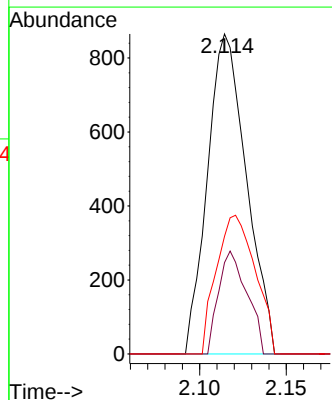
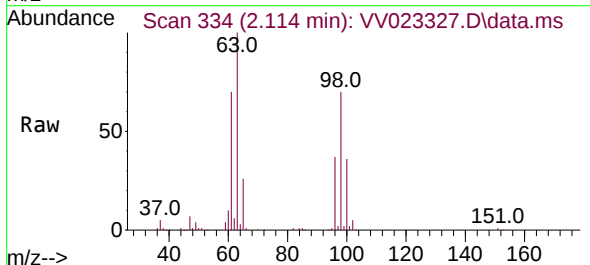
Instrument :
MSVOA_V
ClientSampleId :

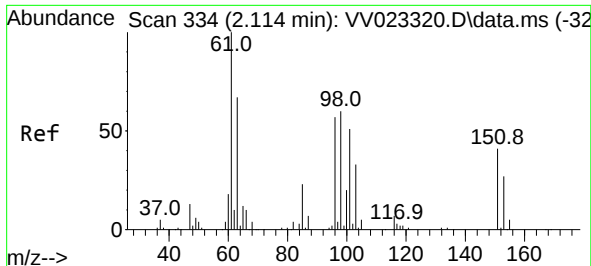
Tgt Ion: 50 Resp: 1138
Ion Ratio Lower Upper
50 100
52 43.7 24.3 45.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.173 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

Tgt Ion:101 Resp: 1355
Ion Ratio Lower Upper
101 100
85 23.4 35.3 52.9#
151 43.2 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 3.902 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Instrument :

MSVOA_V

ClientSampleId :

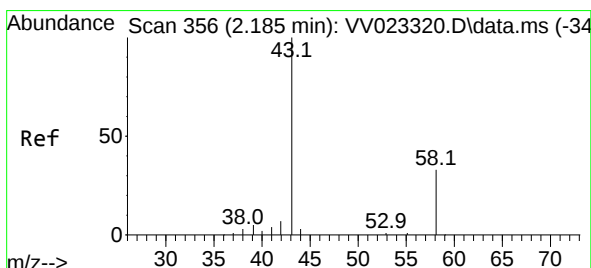
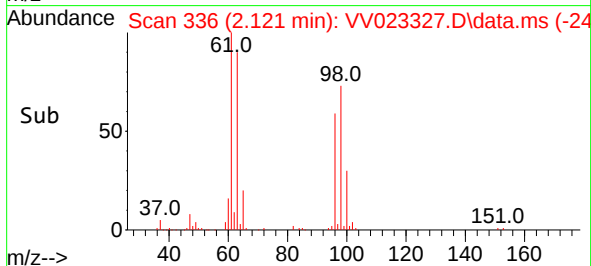
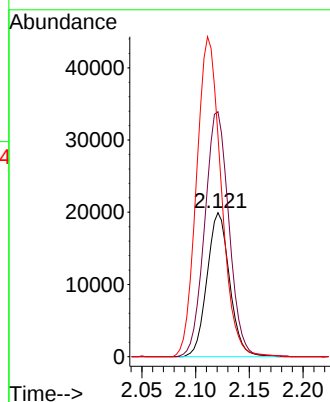
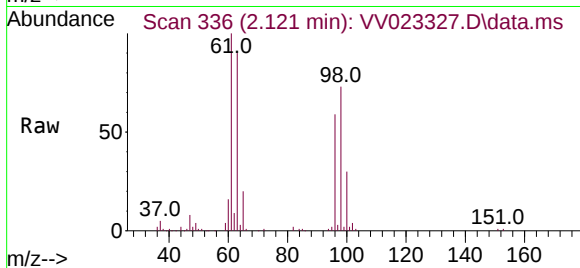
Tgt Ion: 96 Resp: 29058

Ion Ratio Lower Upper

96 100

61 170.1 121.5 225.7

63 153.7 99.6 185.0



#13

Acetone

Concen: 2.759 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.010 min

Lab File: VV023327.D

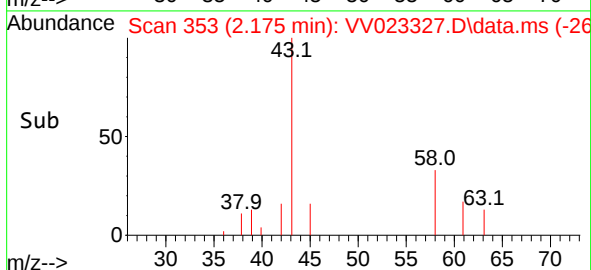
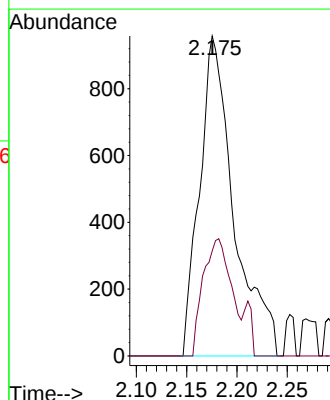
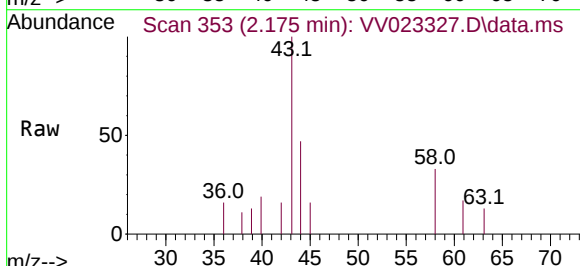
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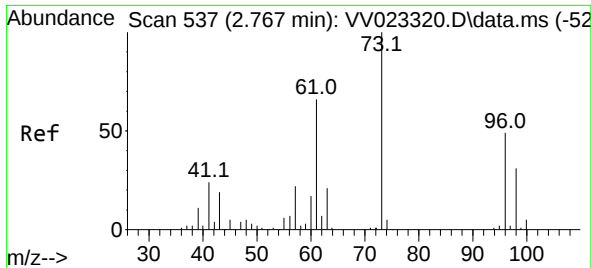
Tgt Ion: 43 Resp: 2272

Ion Ratio Lower Upper

43 100

58 29.9 0.0 55.4

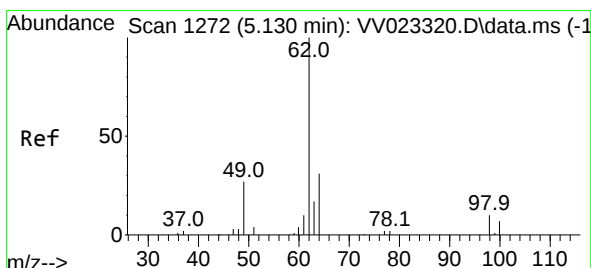
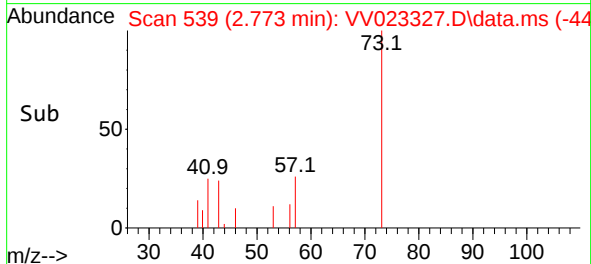
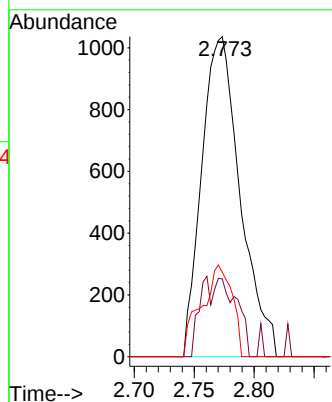
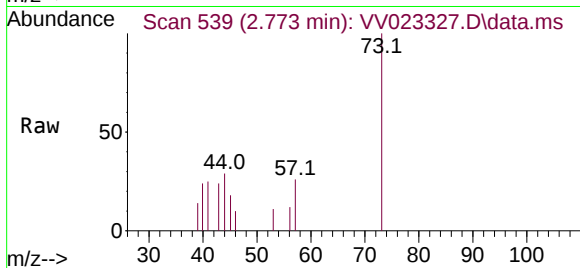




#17
Methyl tert-butyl Ether
Concen: 0.141 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

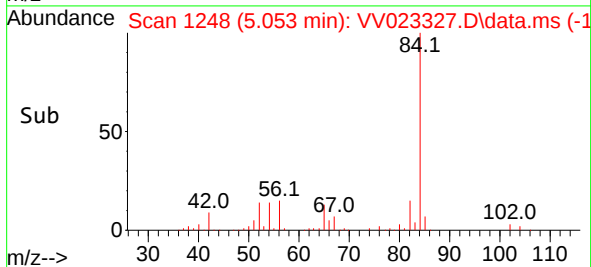
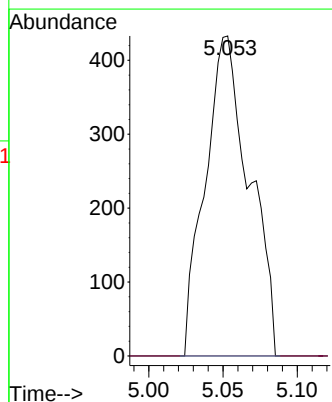
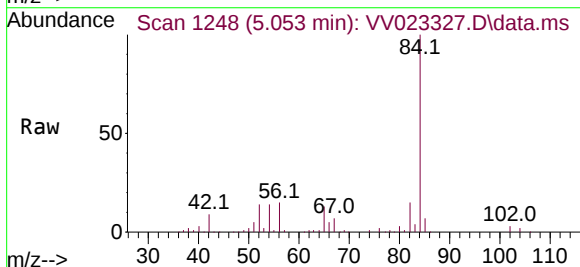
Instrument :
MSVOA_V
ClientSampleId :

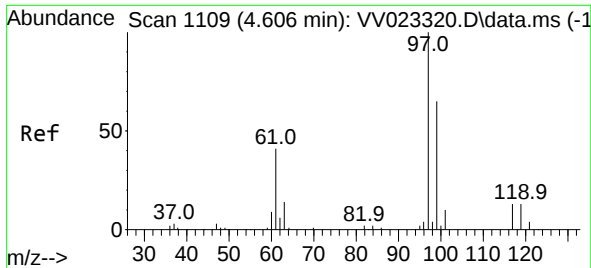
Tgt Ion: 73 Resp: 2318
Ion Ratio Lower Upper
73 100
43 14.6 17.4 26.0#
57 22.7 16.5 24.7



#27
1,2-Dichloroethane
Concen: 0.102 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

Tgt Ion: 62 Resp: 897
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.438 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Instrument :

MSVOA_V

ClientSampleId :

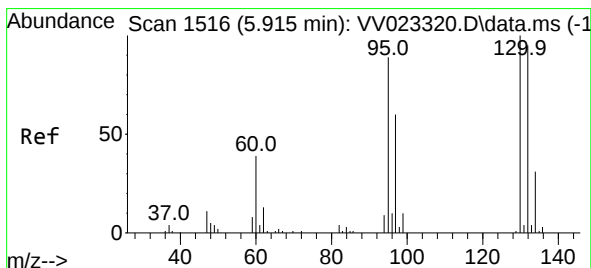
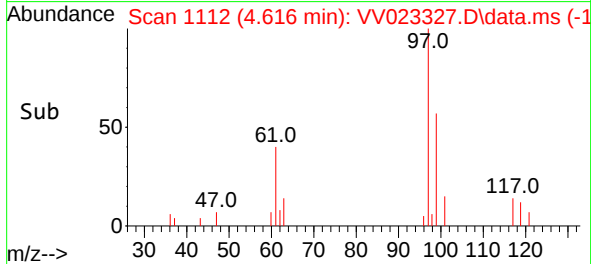
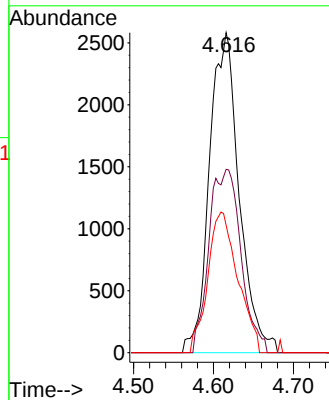
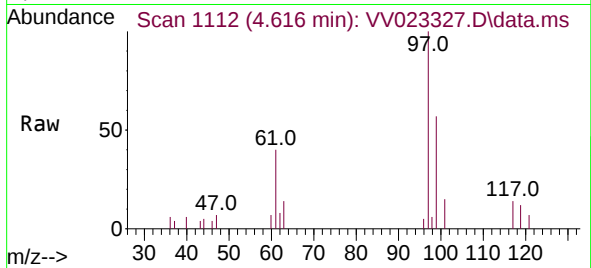
Tgt Ion: 97 Resp: 6669

Ion Ratio Lower Upper

97 100

99 61.7 51.0 76.4

61 44.4 34.1 51.1



#34

Trichloroethene

Concen: 0.978 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Tgt Ion: 95 Resp: 9116

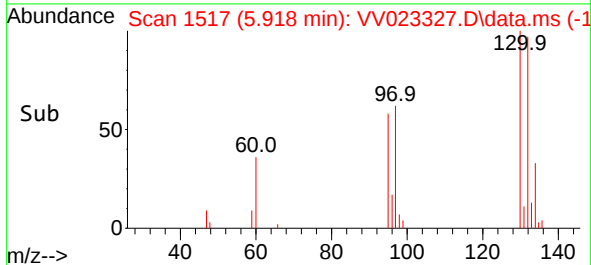
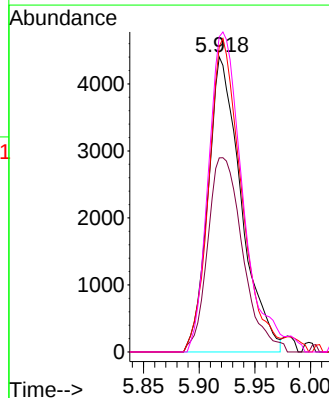
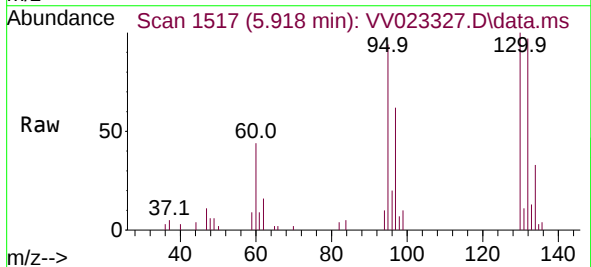
Ion Ratio Lower Upper

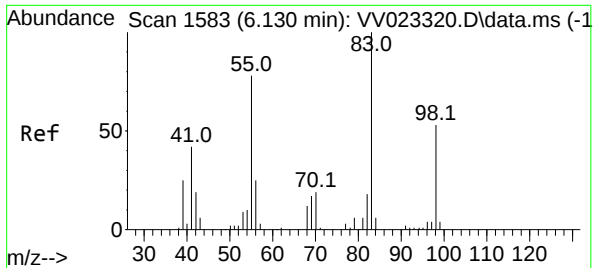
95 100

97 65.8 45.0 83.6

132 103.5 69.7 129.4

130 106.8 73.7 136.9

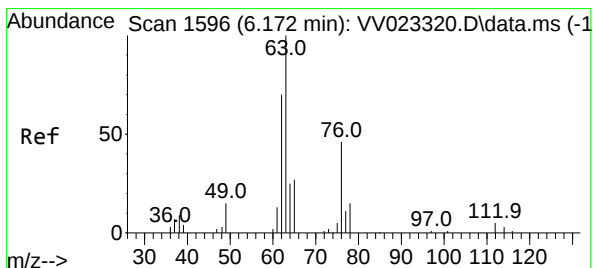
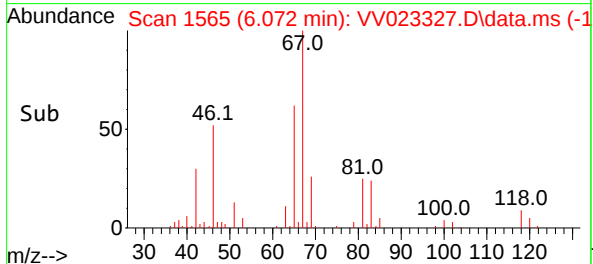
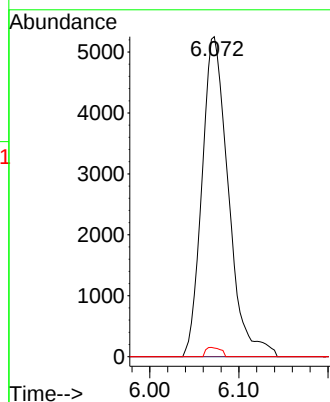
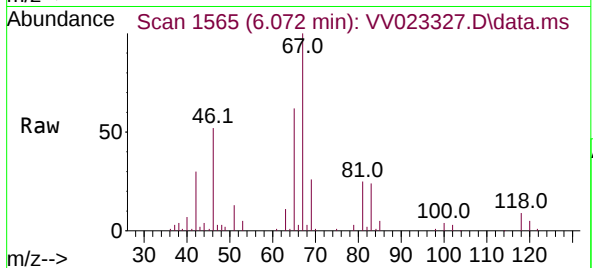




#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

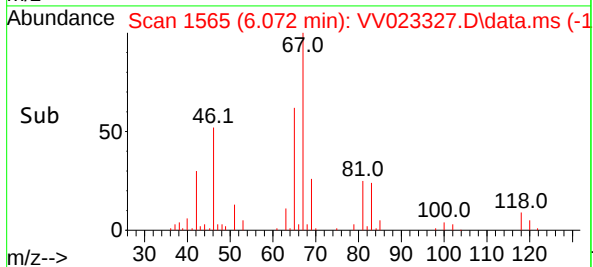
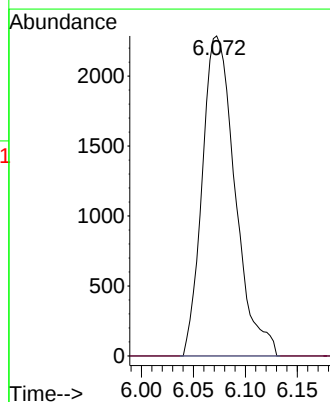
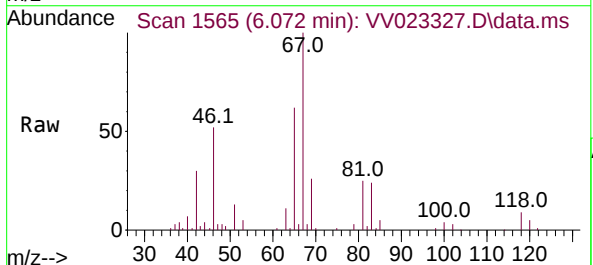
Instrument :
MSVOA_V
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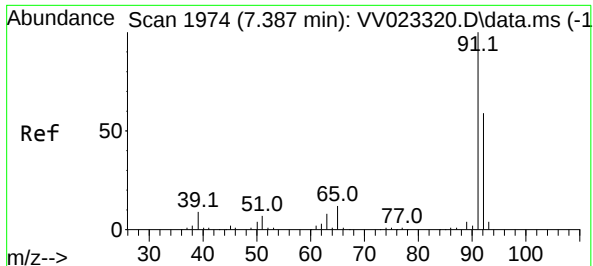
Tgt Ion: 83 Resp: 10823
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

Tgt Ion: 63 Resp: 5028
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.071 ug/L

RT: 7.400 min Scan# 19

Delta R.T. 0.013 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Instrument :

MSVOA_V

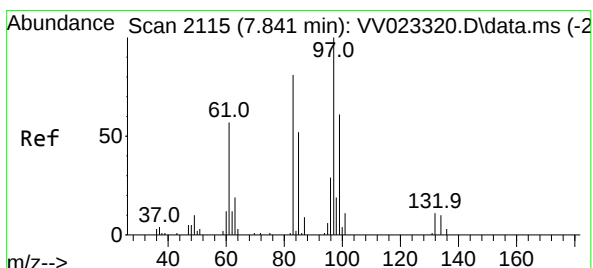
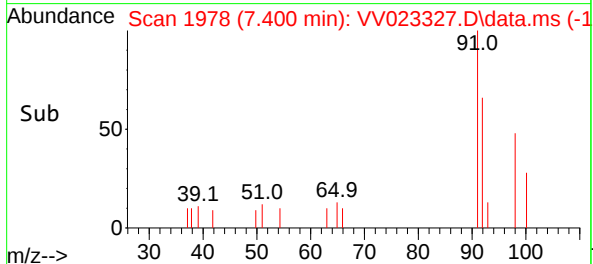
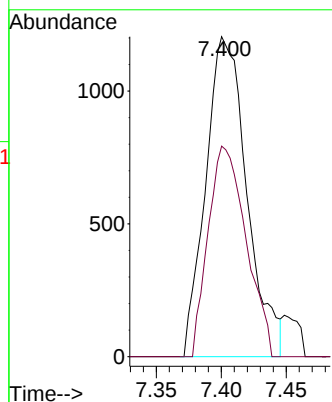
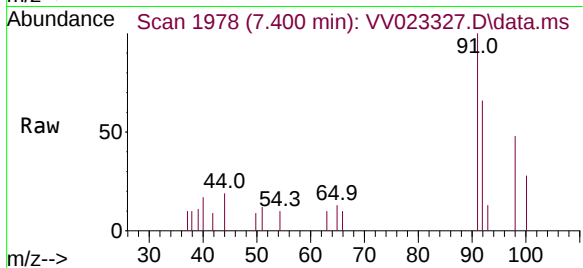
ClientSampleId :

Tgt Ion: 91 Resp: 2655

Ion Ratio Lower Upper

91 100

92 65.8 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.096 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.145 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Tgt Ion: 97 Resp: 562

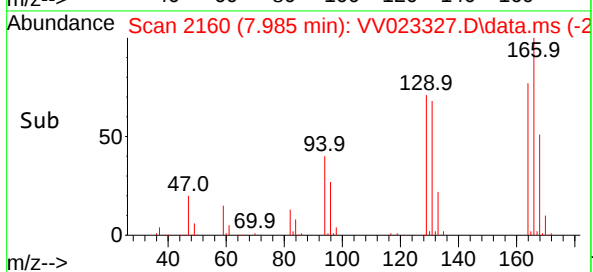
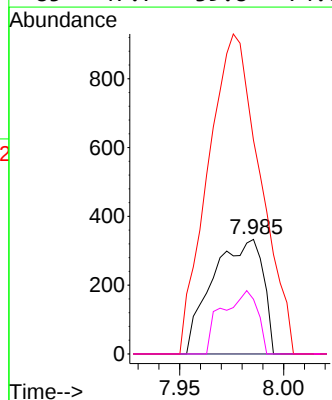
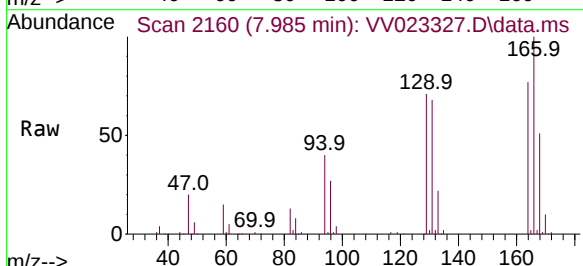
Ion Ratio Lower Upper

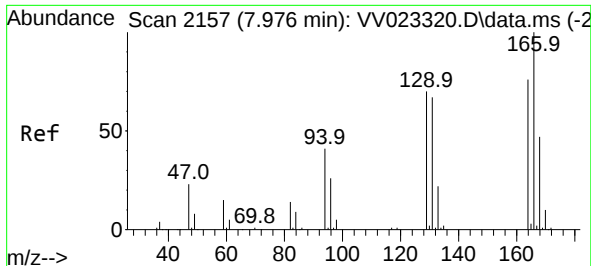
97 100

99 0.0 43.6 81.0#

83 186.5 58.4 108.4#

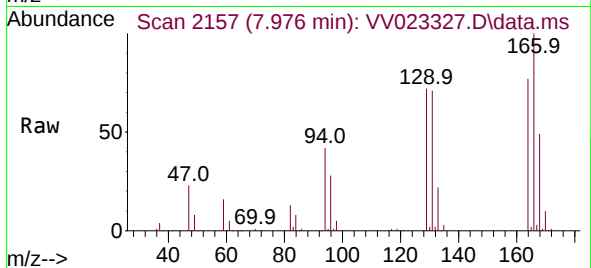
85 47.7 39.8 74.0



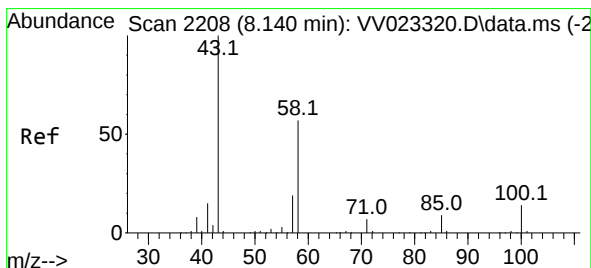
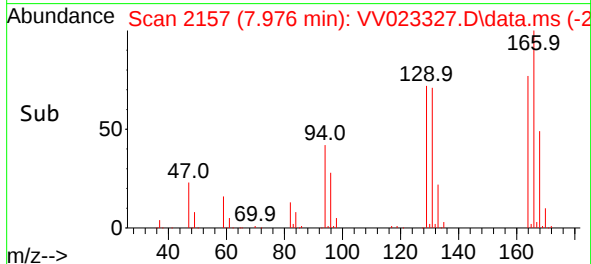
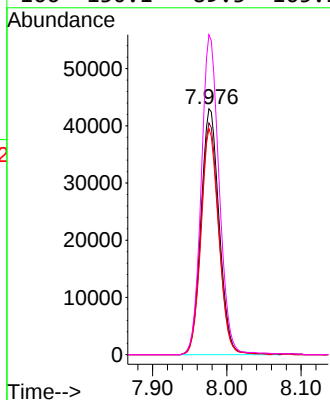


#47
Tetrachloroethene
Concen: 9.083 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

Instrument :
MSVOA_V
ClientSampleId :

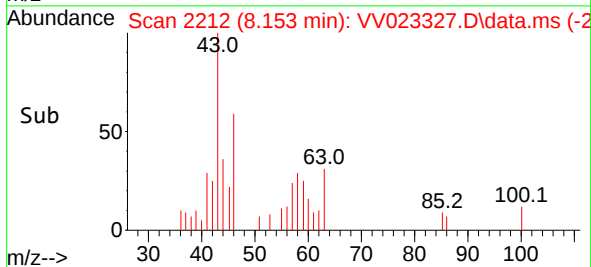
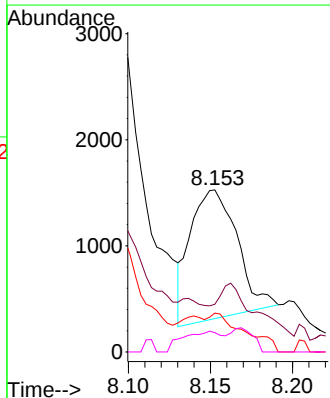
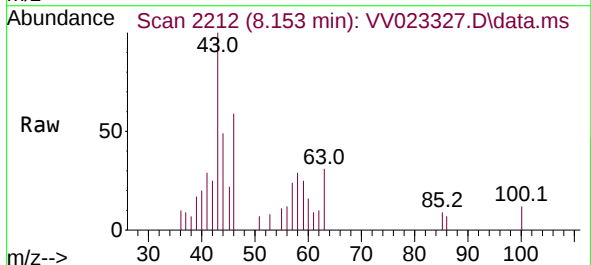


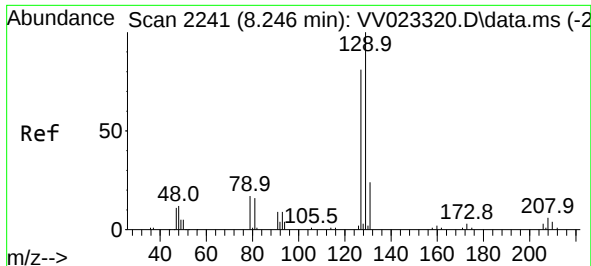
Tgt Ion:	164	Resp:	73348
Ion	Ratio	Lower	Upper
164	100		
129	94.2	64.0	119.0
131	91.9	63.4	117.8
166	130.1	89.3	165.9



#48
2-Hexanone
Concen: 0.910 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV023327.D
Acq: 10 Nov 2021 12:58

Tgt Ion:	43	Resp:	2419
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.7	65.5#
57	23.1	14.1	21.1#
100	13.8	10.2	15.2





#49

Dibromochloromethane

Concen: 8.813 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Instrument :

MSVOA_V

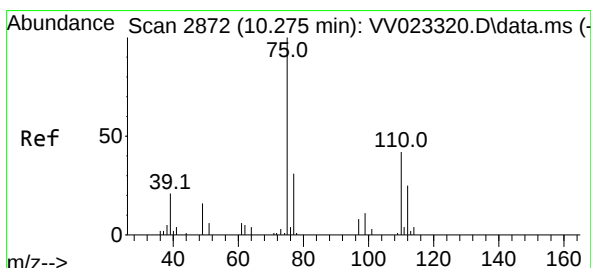
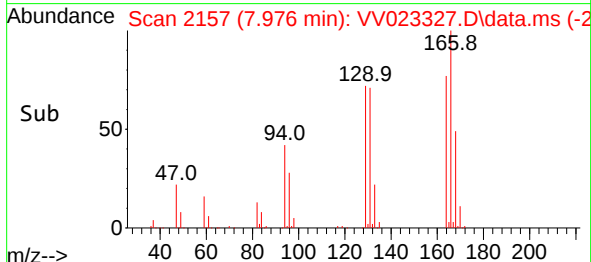
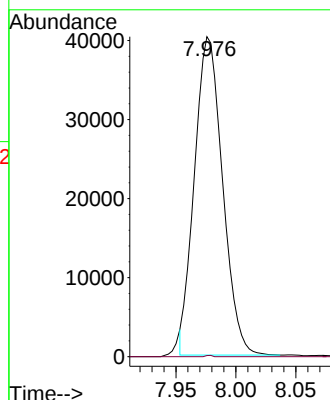
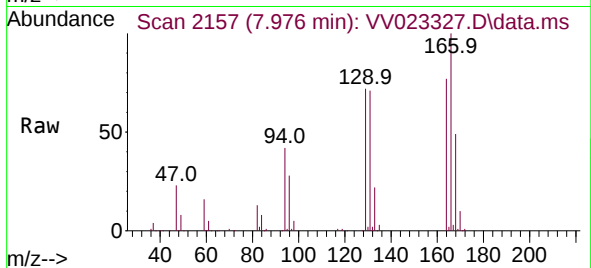
ClientSampleId :

Tgt Ion:129 Resp: 65630

Ion Ratio Lower Upper

129 100

127 0.4 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.711 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023327.D

Acq: 10 Nov 2021 12:58

Tgt Ion: 75 Resp: 6599

Ion Ratio Lower Upper

75 100

77 33.6 26.6 39.8

110 0.6 31.8 47.6#

