

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023476.D
 Acq On : 15 Nov 2021 12:43
 Operator : SY/MD
 Sample : M4616-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y4

Quant Time: Nov 16 00:31:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45801	6.014	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	120.200%	
7) Chloroethane-d5	1.568	69	35255	5.680	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.600%	
11) 1,1-Dichloroethene-d2	2.108	63	60200	4.222	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	3.889	46	67938	51.779	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.560%	
24) Chloroform-d	4.349	84	74872	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.034	65	37351	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.050	84	156517	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.069	67	47184	5.259	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.317	98	136542	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16459	4.838	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	8.088	63	43745	34.946	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25806	3.999	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48472	5.472	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2468	0.208	ug/L	100
9) Trichlorofluoromethane	1.751	101	527027	34.846	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6519	0.856	ug/L	93
12) 1,1-Dichloroethene	2.114	96	1540	0.212	ug/L #	1
18) trans-1,2-Dichloroethene	2.770	96	1460	0.164	ug/L	91
19) 1,1-Dichloroethane	3.191	63	6171	0.410	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	206512	24.078	ug/L #	89
25) Chloroform	4.378	83	6532	0.407	ug/L	100
34) Trichloroethene	5.912	95	795392	90.079	ug/L	99
35) Methylcyclohexane	6.069	83	11756	0.844	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5321	0.686	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1220	0.109	ug/L #	67
47) Tetrachloroethene	7.979	164	3365	0.440	ug/L	95
48) 2-Hexanone	8.146	43	7497	2.976	ug/L #	97
49) Dibromochloromethane	7.976	129	3141	0.445	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5622	1.591	ug/L #	64

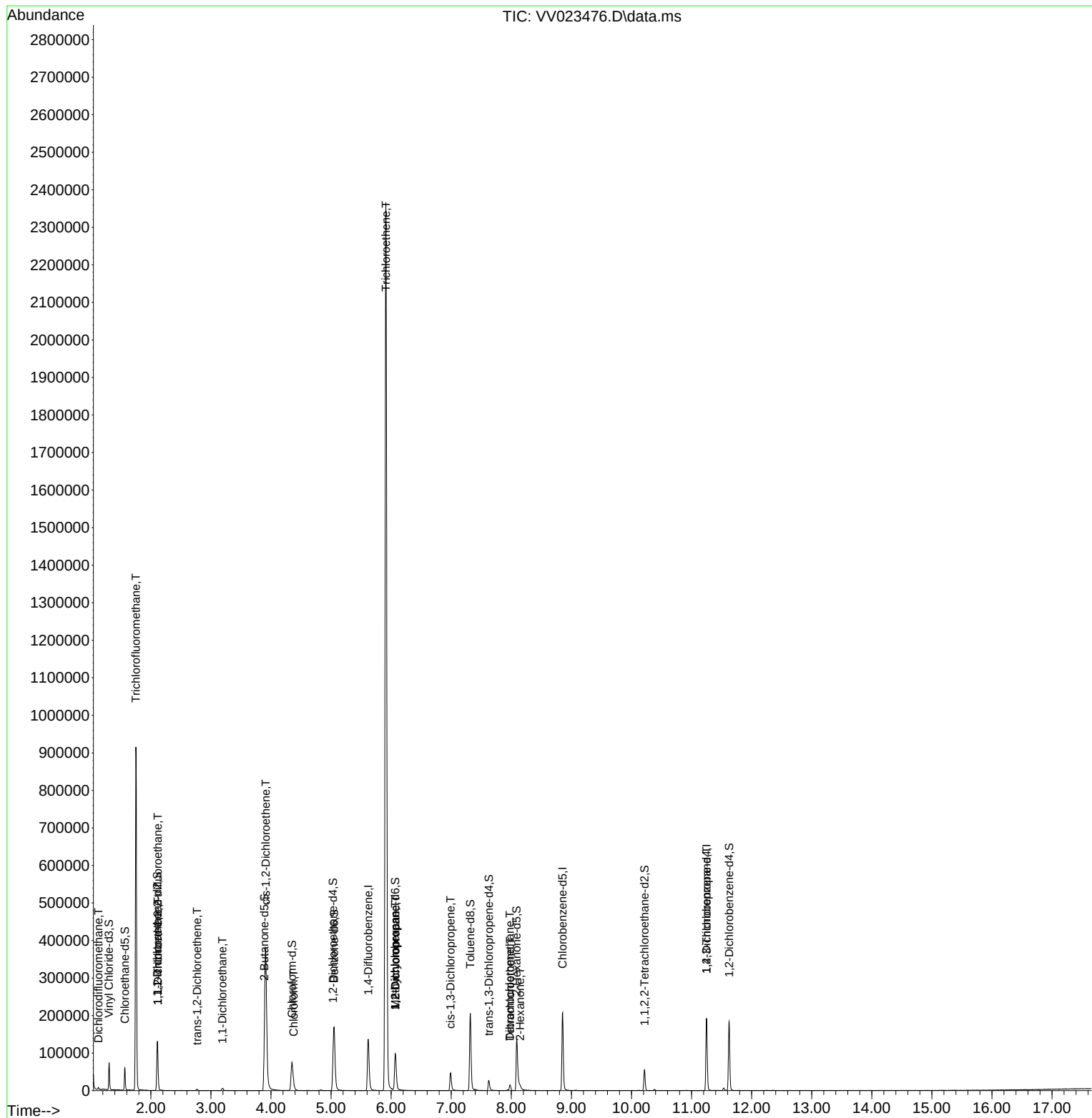
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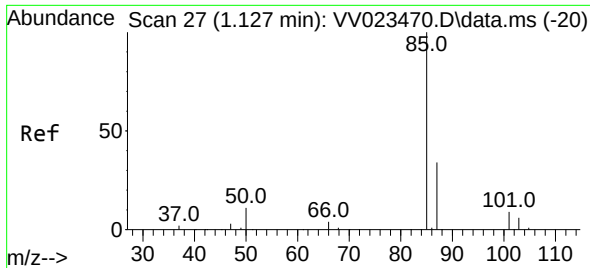
Instrument :
MSVOA_V
ClientSampleId :
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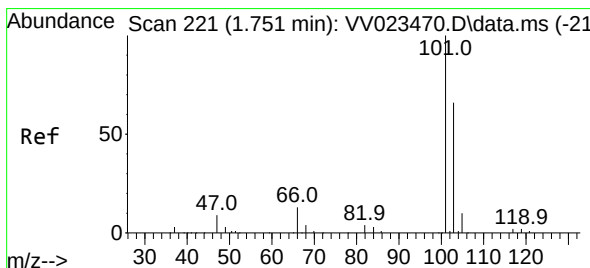
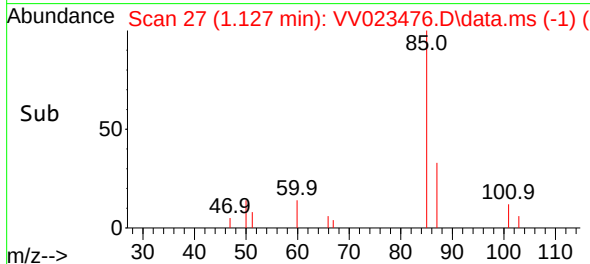
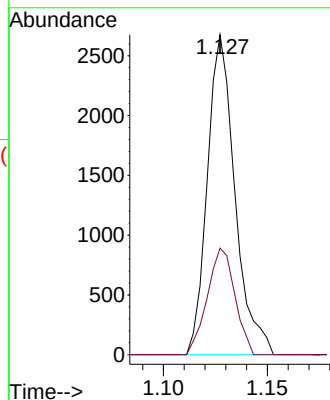
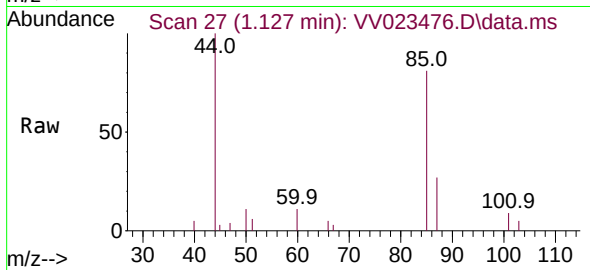




#2
 Dichlorodifluoromethane
 Concen: 0.208 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023476.D
 Acq: 15 Nov 2021 12:43

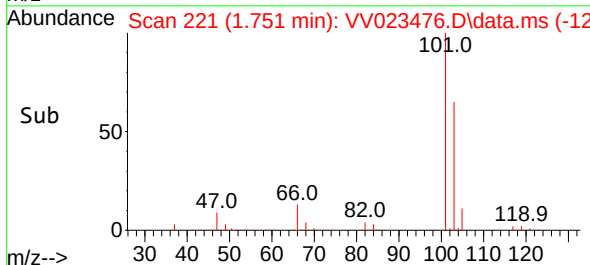
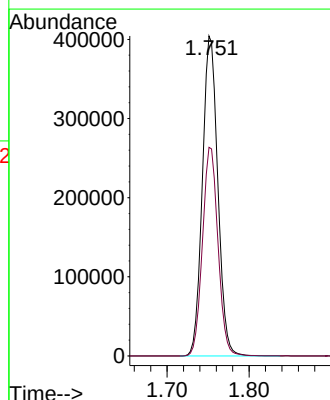
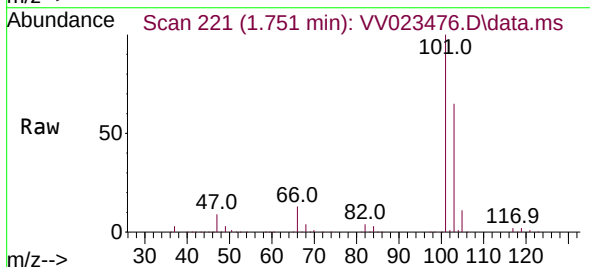
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 ClientSampleId :
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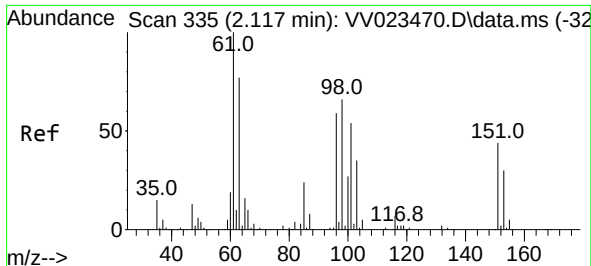
Tgt Ion: 85 Resp: 2468
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 34.846 ug/L
 RT: 1.751 min Scan# 221
 Delta R.T. 0.000 min
 Lab File: VV023476.D
 Acq: 15 Nov 2021 12:43

Tgt Ion: 101 Resp: 527027
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.6 79.0

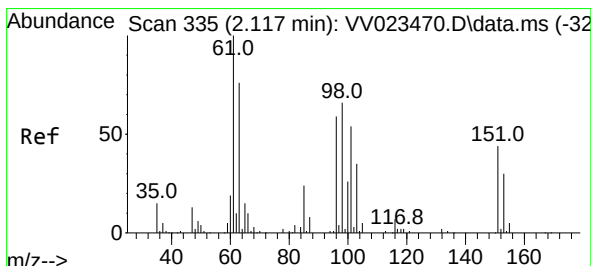
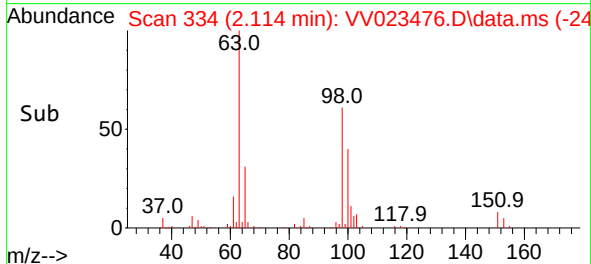
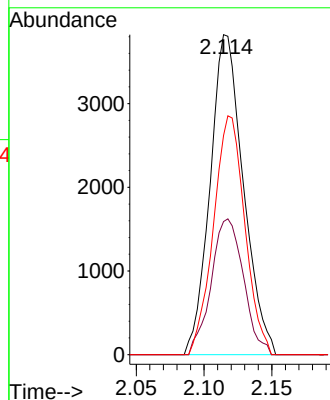
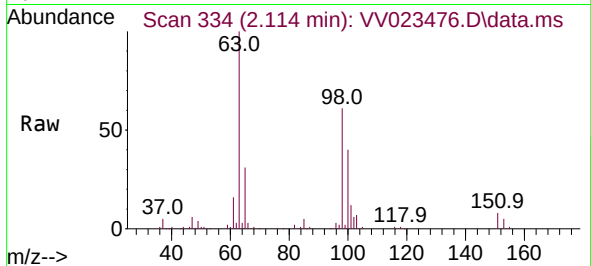




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.856 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

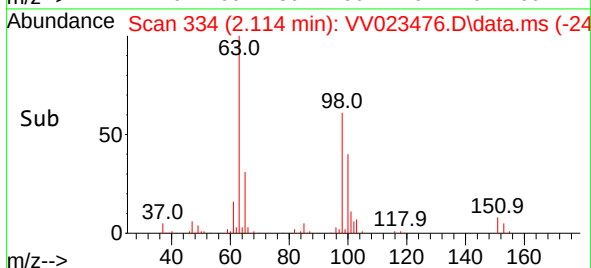
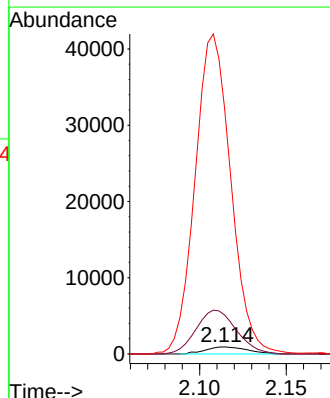
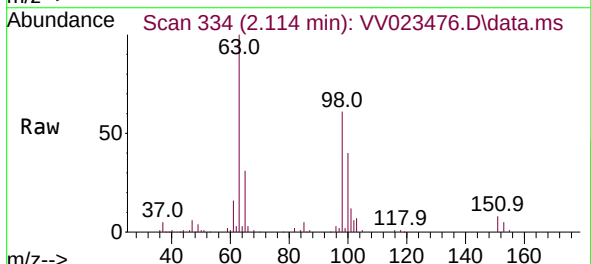
Instrument :
MSVOA_V
ClientSampleId :
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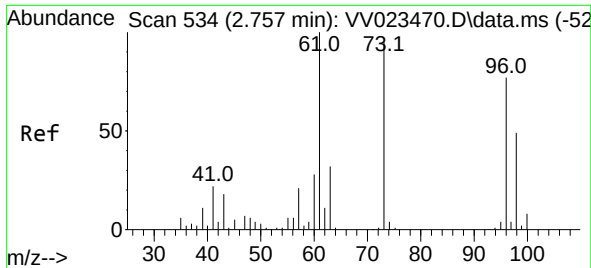
Tgt Ion:101 Resp: 6519
Ion Ratio Lower Upper
101 100
85 41.3 35.3 52.9
151 70.4 62.2 93.2



#12
1,1-Dichloroethene
Concen: 0.212 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

Tgt Ion: 96 Resp: 1540
Ion Ratio Lower Upper
96 100
61 557.1 121.5 225.7#
63 3520.7 99.6 185.0#

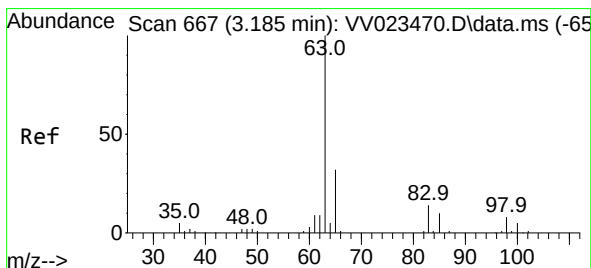
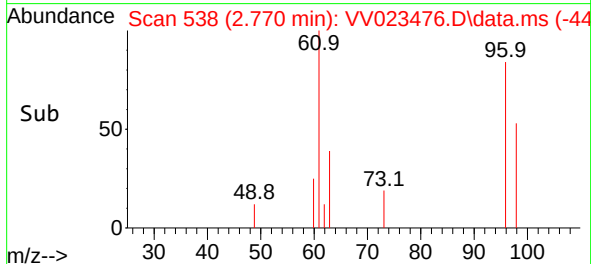
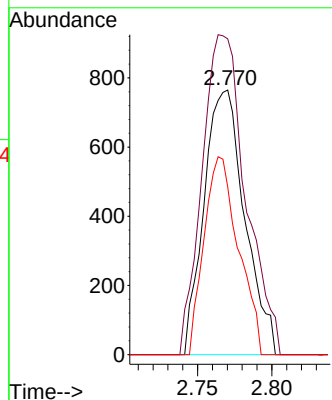
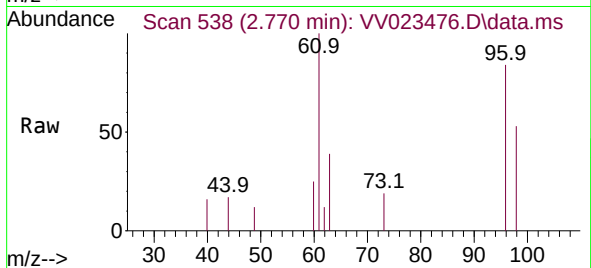




#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

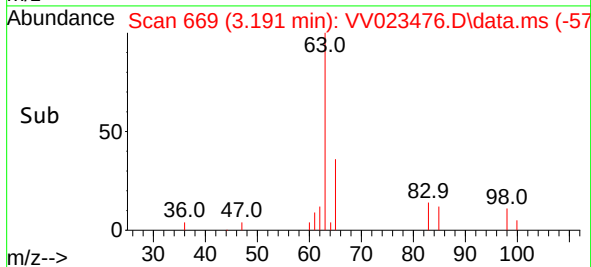
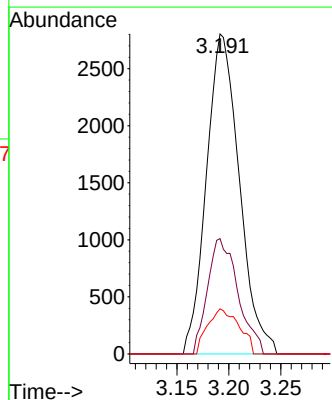
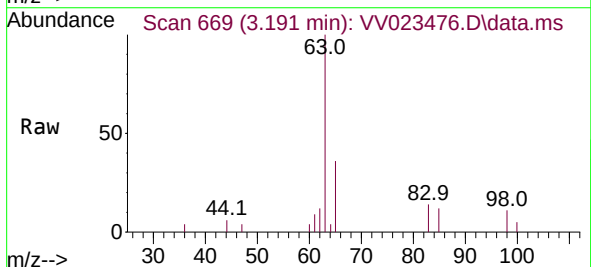
Instrument :
MSVOA_V
ClientSampleId :
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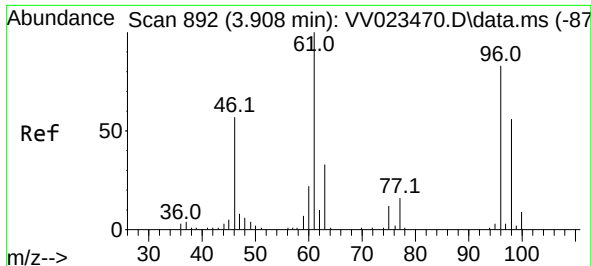
Tgt Ion: 96 Resp: 1460
Ion Ratio Lower Upper
96 100
61 119.3 93.2 173.2
98 63.4 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.410 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

Tgt Ion: 63 Resp: 6171
Ion Ratio Lower Upper
63 100
65 36.1 22.6 42.0
83 14.1 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 24.078 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Instrument :

MSVOA_V

ClientSampleId :

BG1Y4

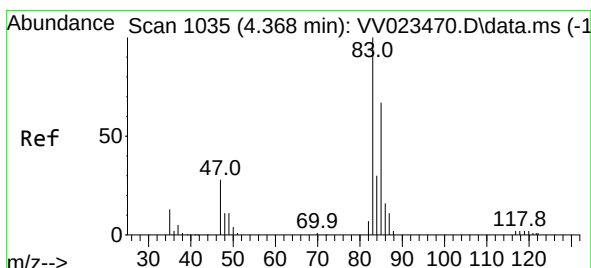
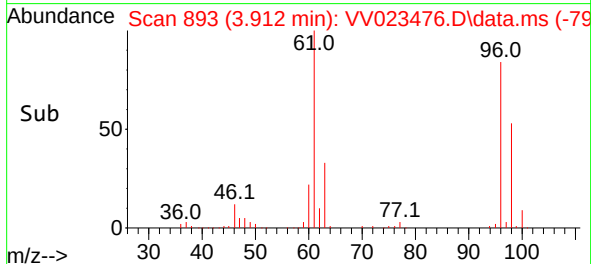
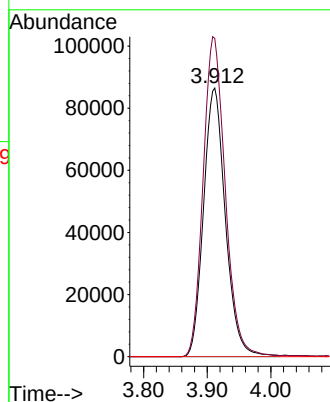
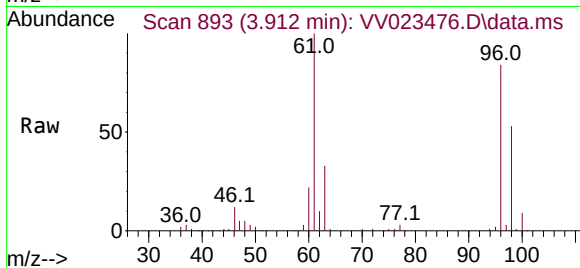
Tgt Ion: 96 Resp: 206512

Ion Ratio Lower Upper

96 100

61 118.5 92.3 171.3

68 0.0 0.4 0.8#



#25

Chloroform

Concen: 0.407 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.010 min

Lab File: VV023476.D

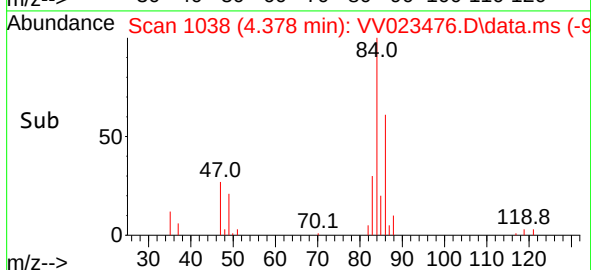
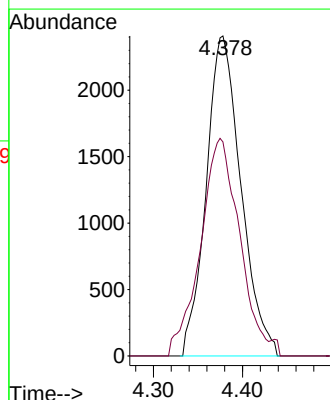
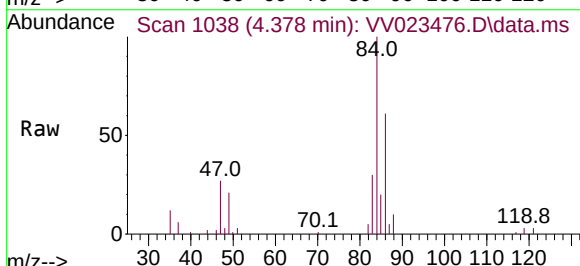
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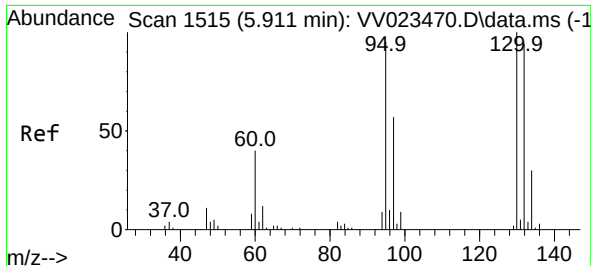
Tgt Ion: 83 Resp: 6532

Ion Ratio Lower Upper

83 100

85 66.9 46.8 86.8

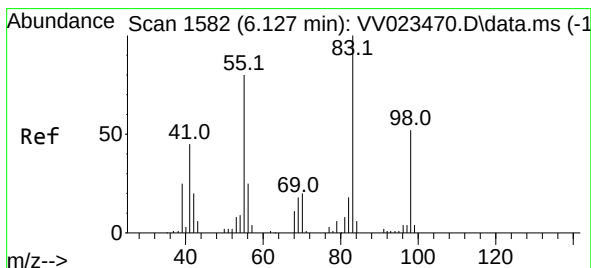
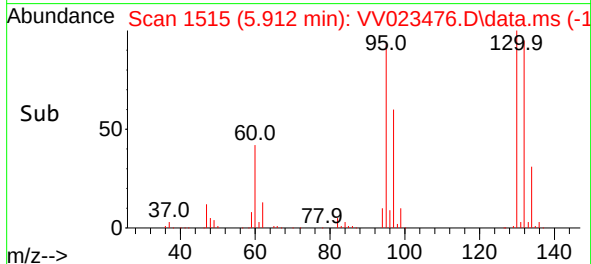
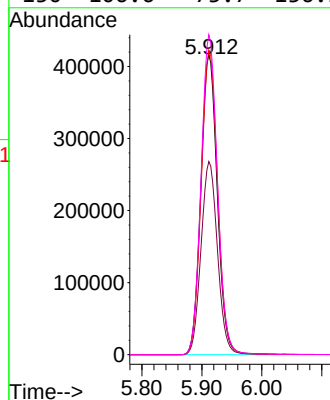
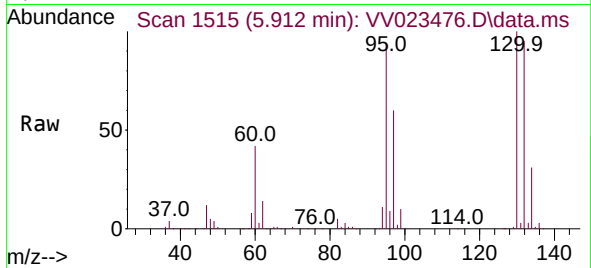




#34
Trichloroethene
Concen: 90.079 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

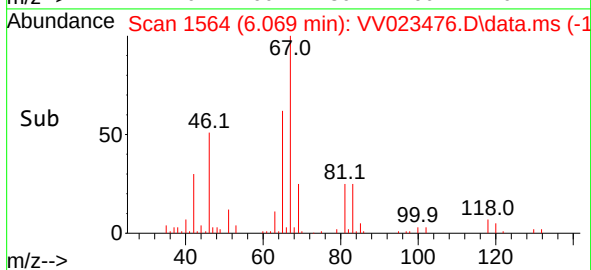
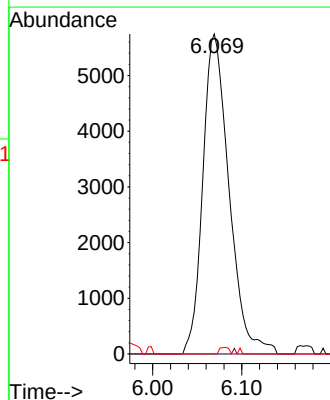
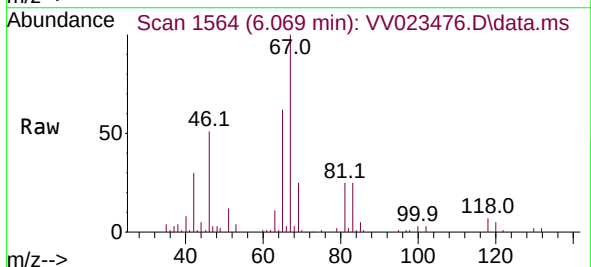
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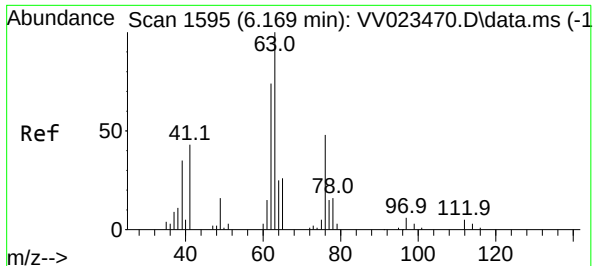
Tgt Ion: 95 Resp: 795392
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 101.4 69.7 129.4
130 106.6 73.7 136.9



#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023476.D
Acq: 15 Nov 2021 12:43

Tgt Ion: 83 Resp: 11756
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Instrument :

MSVOA_V

ClientSampleId :

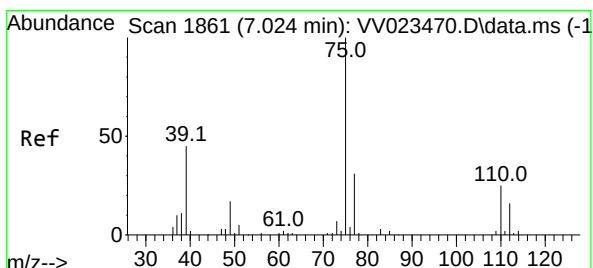
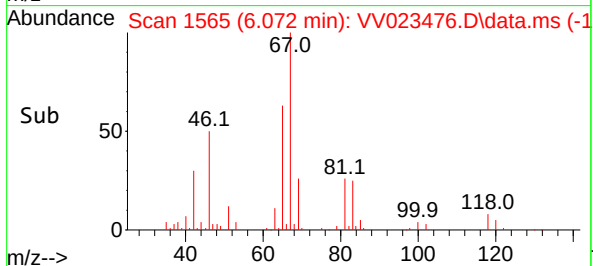
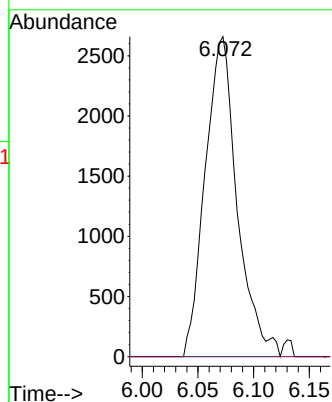
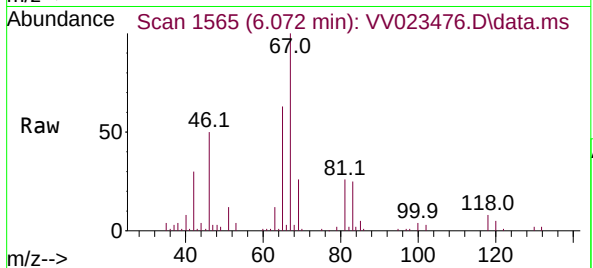
BG1Y4

Tgt Ion: 63 Resp: 5321

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023476.D

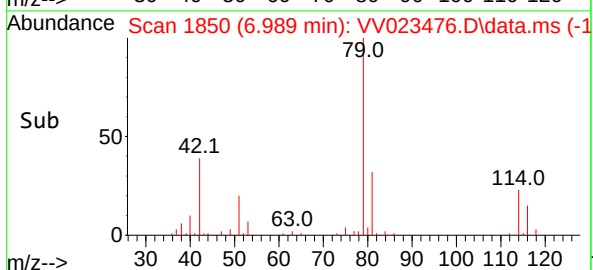
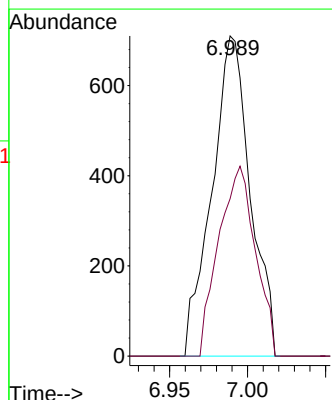
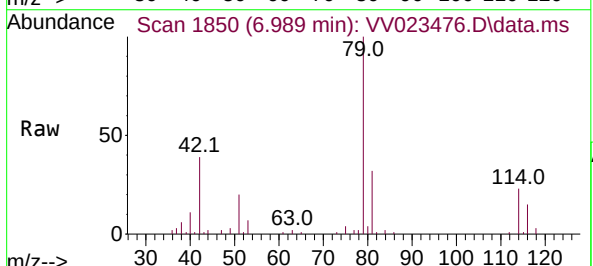
Acq: 15 Nov 2021 12:43

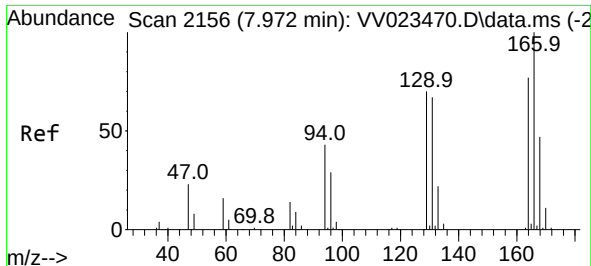
Tgt Ion: 75 Resp: 1220

Ion Ratio Lower Upper

75 100

77 49.2 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.440 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.007 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Instrument :

MSVOA_V

ClientSampleId :

BG1Y4

Tgt Ion:164 Resp: 3365

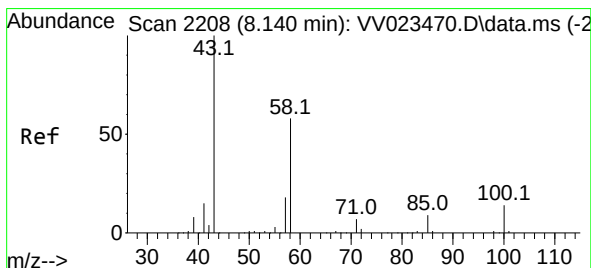
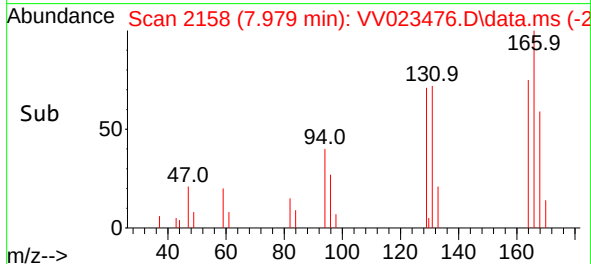
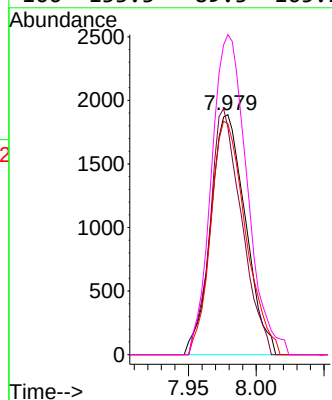
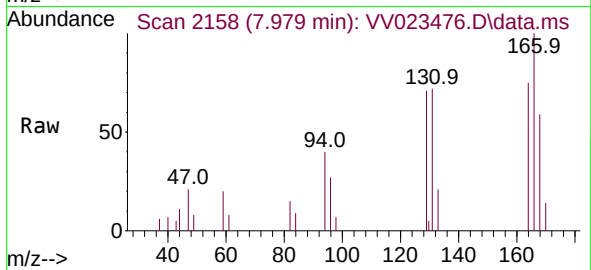
Ion Ratio Lower Upper

164 100

129 94.8 64.0 119.0

131 96.2 63.4 117.8

166 133.3 89.3 165.9



#48

2-Hexanone

Concen: 2.976 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.007 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Tgt Ion: 43 Resp: 7497

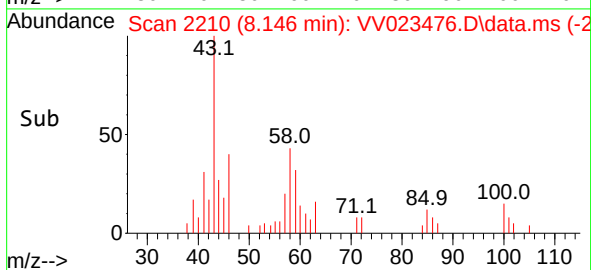
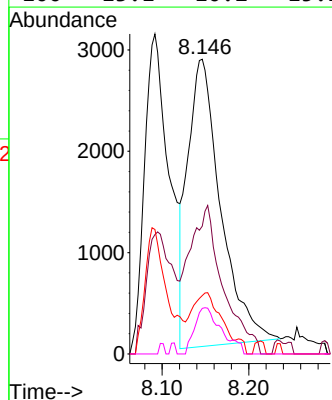
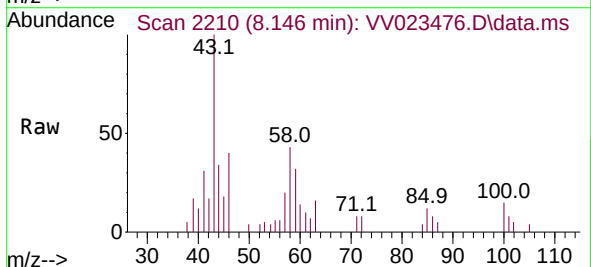
Ion Ratio Lower Upper

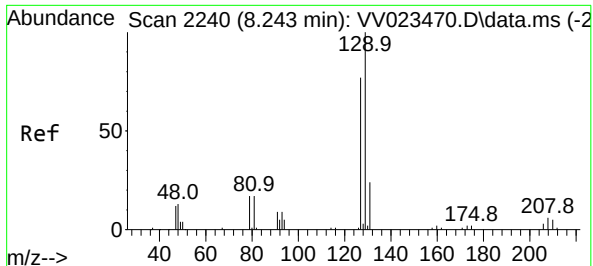
43 100

58 52.8 43.7 65.5

57 14.0 14.1 21.1#

100 13.1 10.2 15.2





#49

Dibromochloromethane

Concen: 0.445 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Instrument :

MSVOA_V

ClientSampleId :

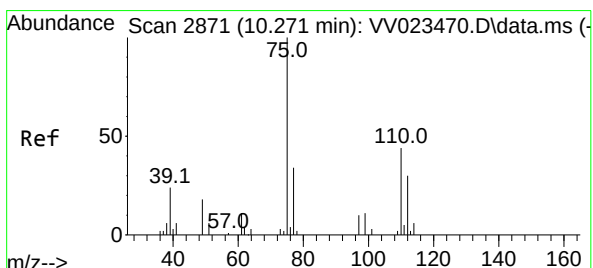
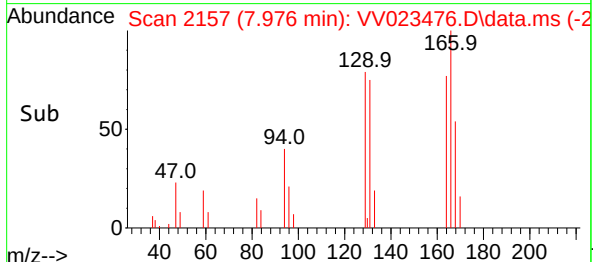
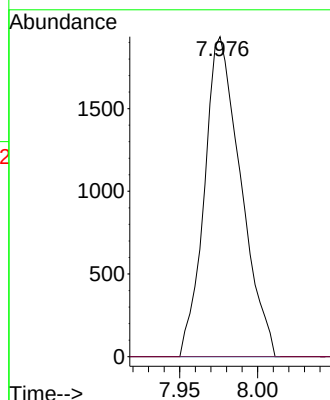
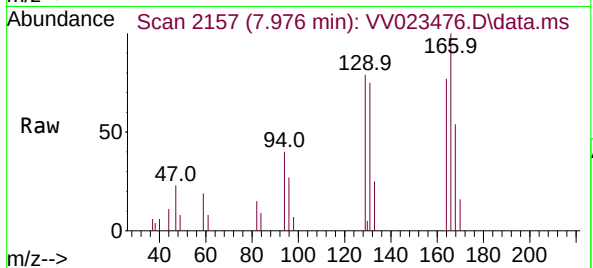
BG1Y4

Tgt Ion:129 Resp: 3141

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.591 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023476.D

Acq: 15 Nov 2021 12:43

Tgt Ion: 75 Resp: 5622

Ion Ratio Lower Upper

75 100

77 31.8 26.6 39.8

110 0.7 31.8 47.6#

