

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023545.D
 Acq On : 16 Nov 2021 19:37
 Operator : SY/MD
 Sample : M4616-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG204

Quant Time: Nov 17 00:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112406	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29618	4.145	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.568	69	26037	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.111	63	43328	3.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.899	46	65983	53.604	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.352	84	47299	3.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.200%#
26) 1,2-Dichloroethane-d4	5.034	65	31607	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	121659	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.072	67	38397	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.317	98	105937	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.628	79	12957	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.091	63	42208	35.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23899	3.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	42375	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	24319	1.714	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	769	0.108	ug/L #	47
12) 1,1-Dichloroethene	2.124	96	671	0.099	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	8949	0.598	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	6508	0.778	ug/L	96
19) 1,1-Dichloroethane	3.191	63	2394	0.170	ug/L #	90
22) cis-1,2-Dichloroethene	3.915	96	12952	1.610	ug/L #	88
25) Chloroform	4.378	83	20589	1.368	ug/L	99
27) 1,2-Dichloroethane	5.053	62	719	0.090	ug/L #	72
34) Trichloroethene	5.915	95	69183	8.281	ug/L	98
35) Methylcyclohexane	6.069	83	9411	0.714	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4502	0.614	ug/L #	84
47) Tetrachloroethene	7.976	164	13984	1.931	ug/L	97
48) 2-Hexanone	8.149	43	6877	2.885	ug/L	95
49) Dibromochloromethane	7.979	129	12449	1.864	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	5465	1.671	ug/L #	65

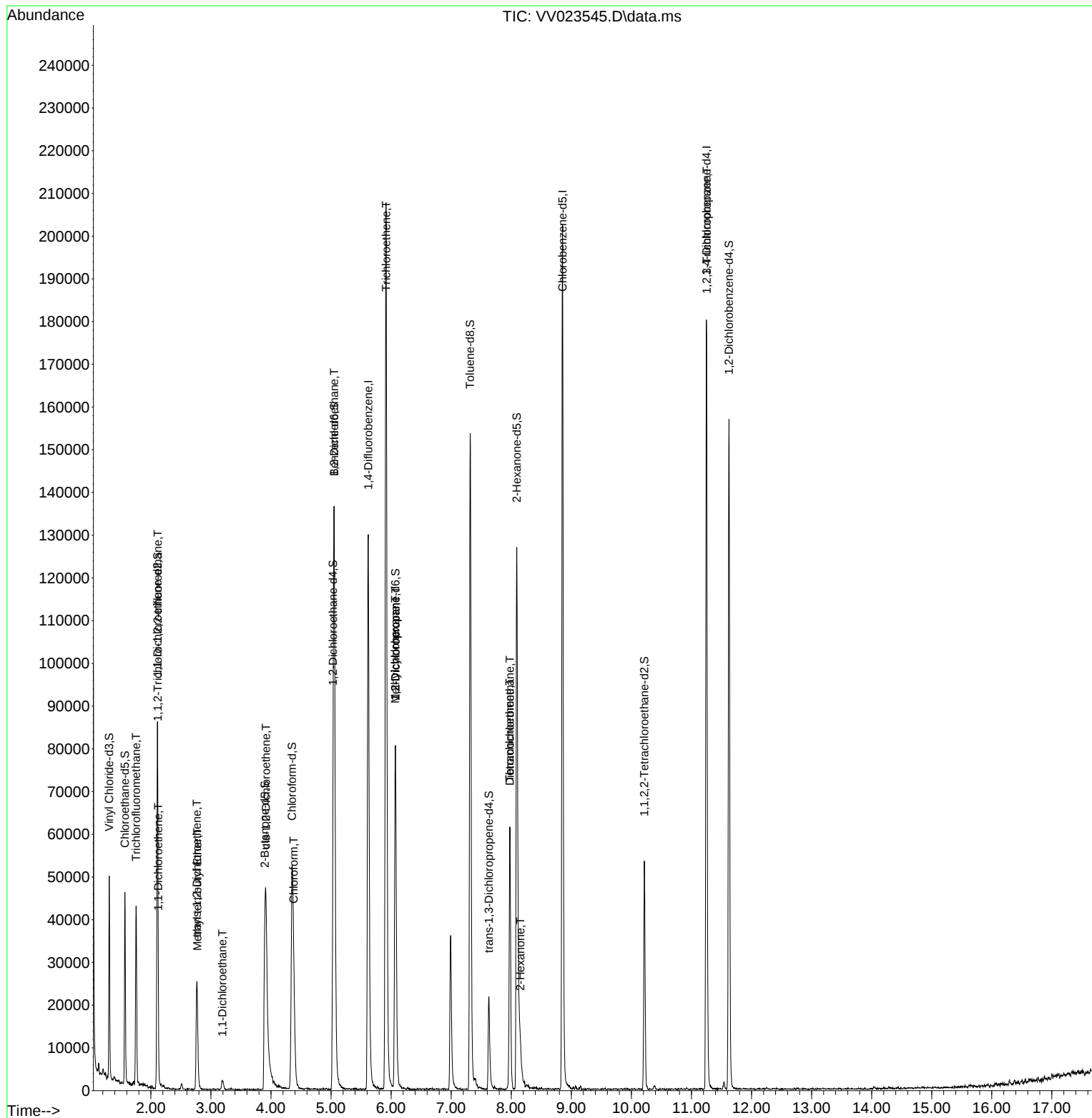
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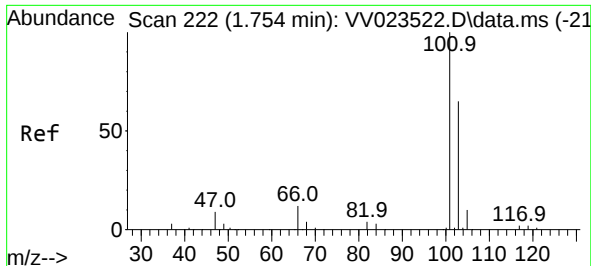
Instrument :
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ClientSampleId :
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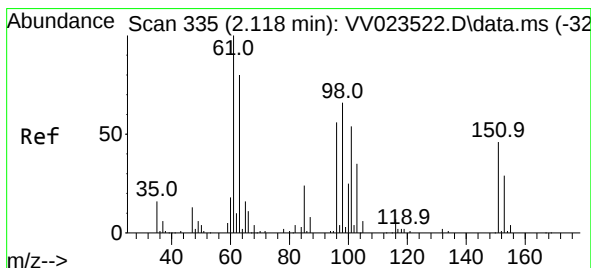
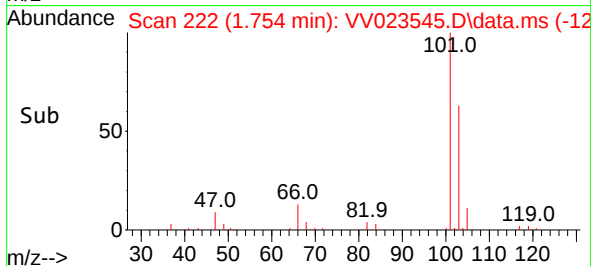
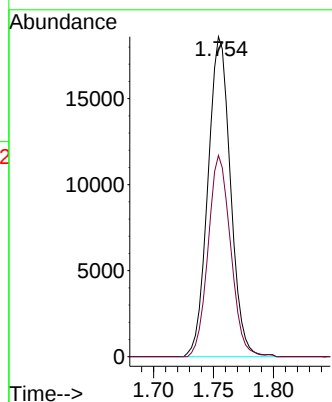
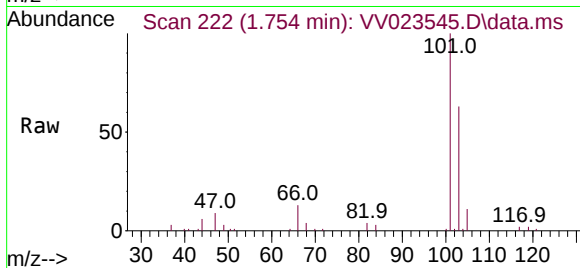




#9
Trichlorofluoromethane
Concen: 1.714 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

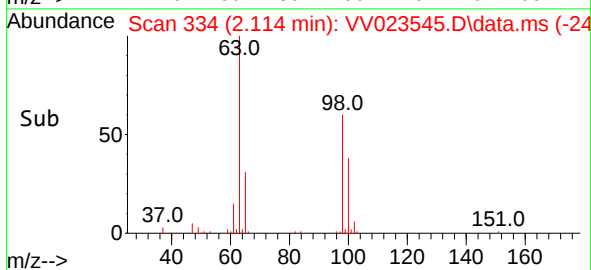
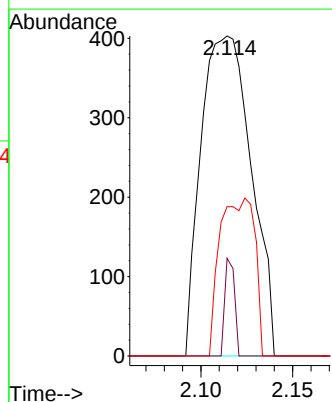
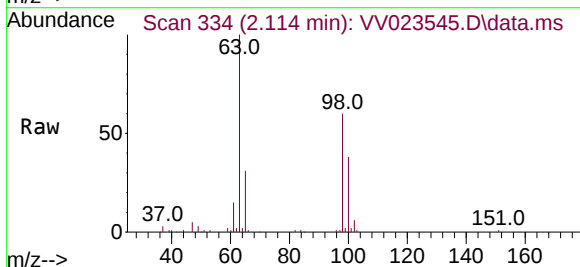
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MSVOA_V
ClientSampleId :
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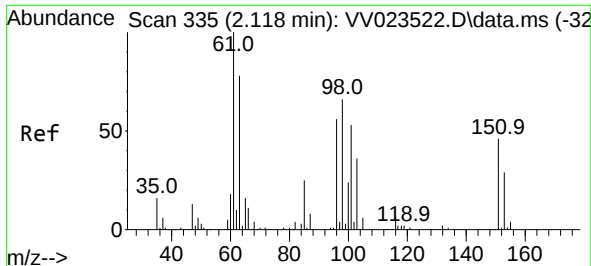
Tgt Ion:101 Resp: 24319
Ion Ratio Lower Upper
101 100
103 62.9 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.108 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Tgt Ion:101 Resp: 769
Ion Ratio Lower Upper
101 100
85 5.9 35.3 52.9#
151 34.3 62.2 93.2#

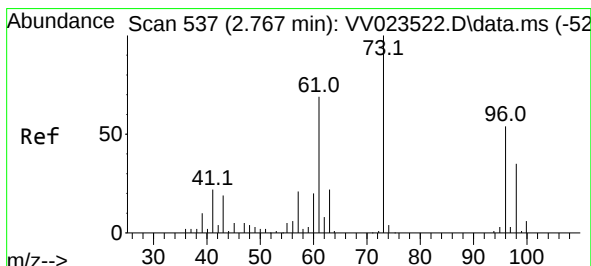
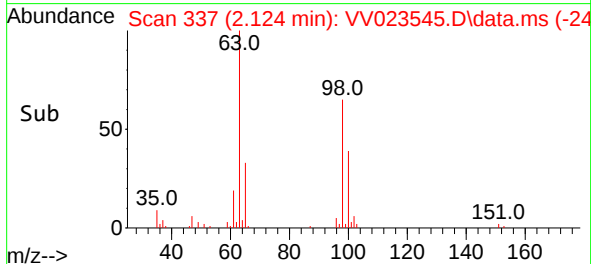
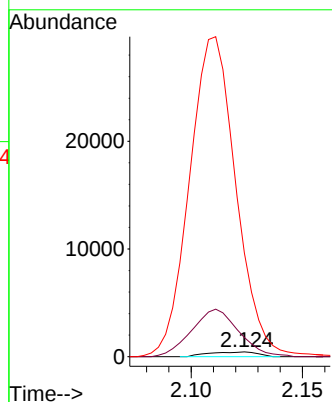
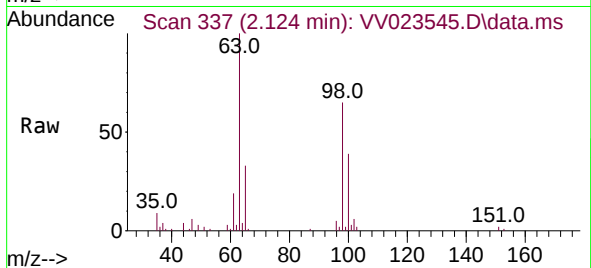




#12
1,1-Dichloroethene
Concen: 0.099 ug/L
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

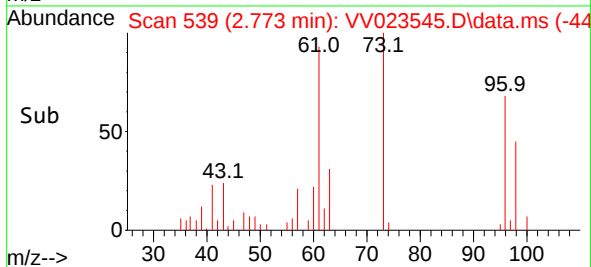
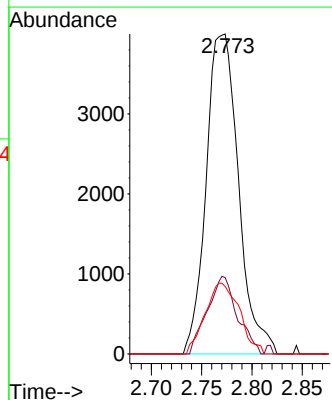
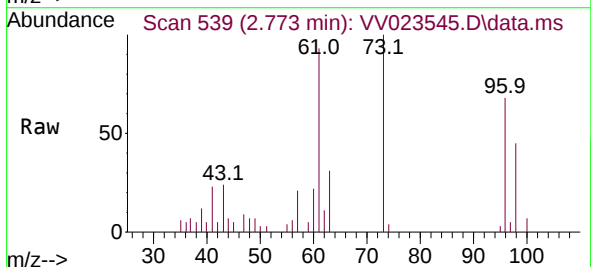
Instrument :
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ClientSampleId :
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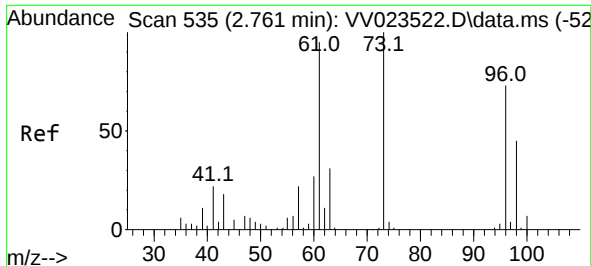
Tgt Ion: 96 Resp: 671
Ion Ratio Lower Upper
96 100
61 406.1 121.5 225.7#
63 2190.2 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.598 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Tgt Ion: 73 Resp: 8949
Ion Ratio Lower Upper
73 100
43 22.6 17.4 26.0
57 23.5 16.5 24.7

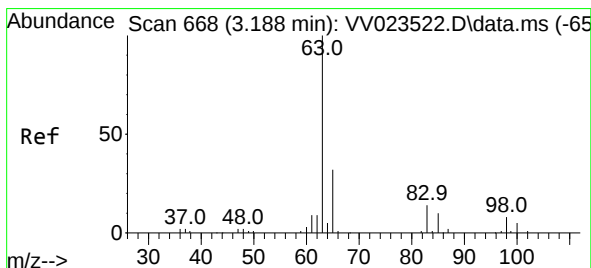
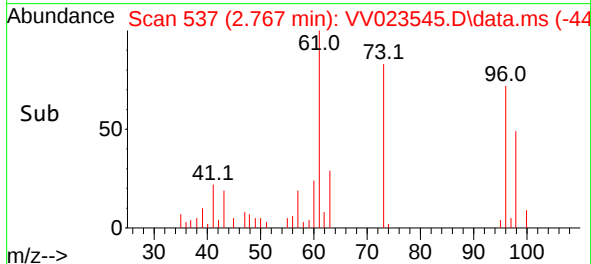
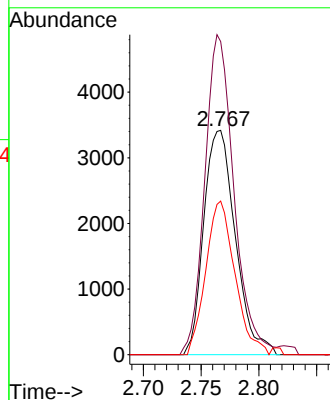
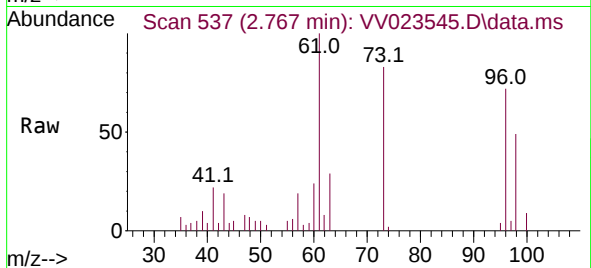




#18
trans-1,2-Dichloroethene
Concen: 0.778 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

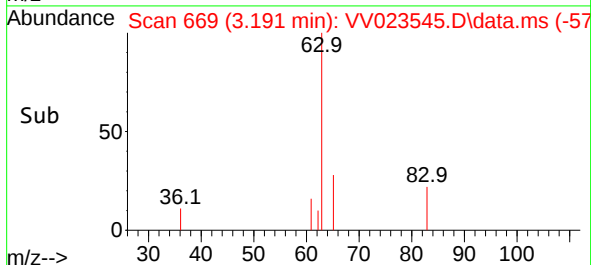
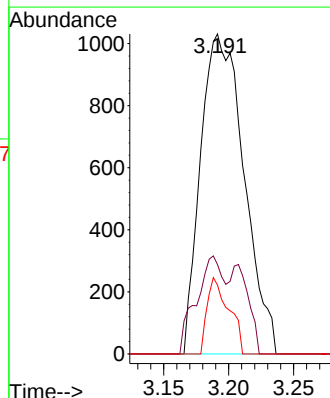
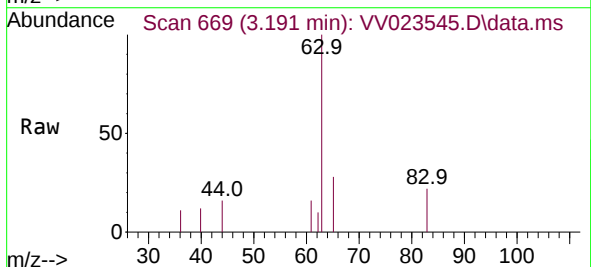
Instrument :
MSVOA_V
ClientSampleId :
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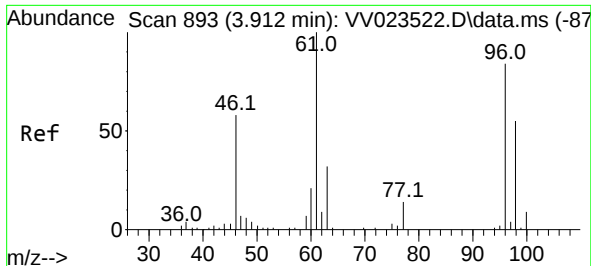
Tgt Ion: 96 Resp: 6508
Ion Ratio Lower Upper
96 100
61 139.6 93.2 173.2
98 68.5 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.170 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Tgt Ion: 63 Resp: 2394
Ion Ratio Lower Upper
63 100
65 27.9 22.6 42.0
83 21.5 11.1 20.7#

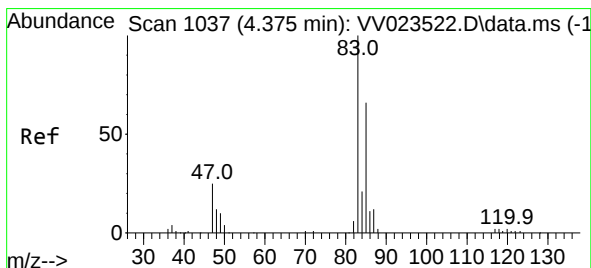
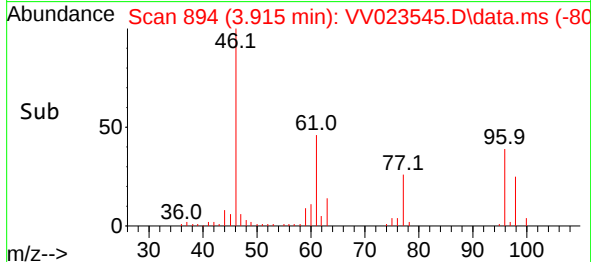
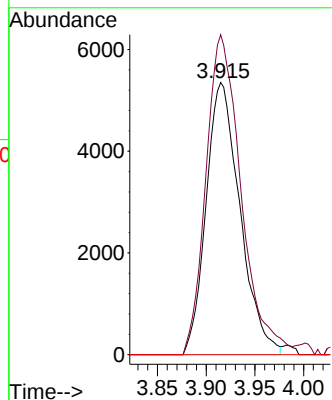
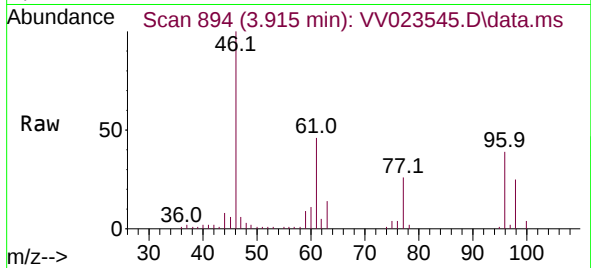




#22
 cis-1,2-Dichloroethene
 Concen: 1.610 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023545.D
 Acq: 16 Nov 2021 19:37

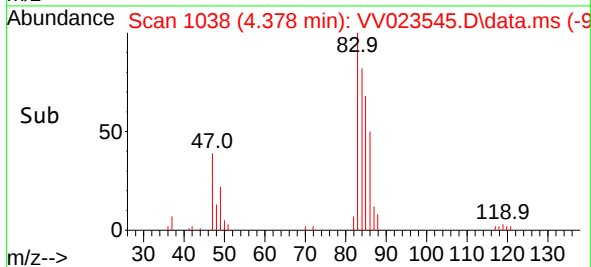
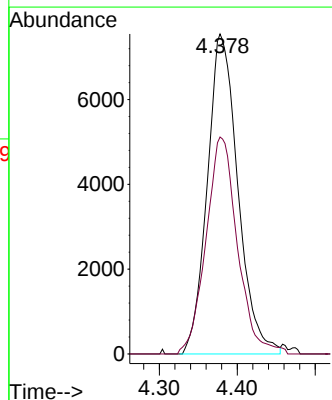
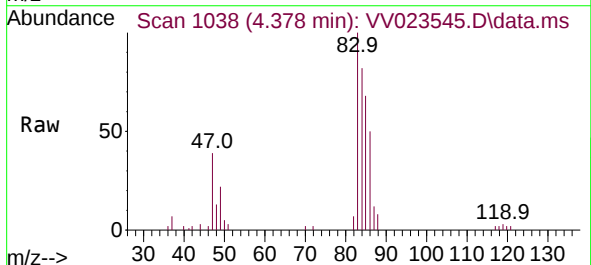
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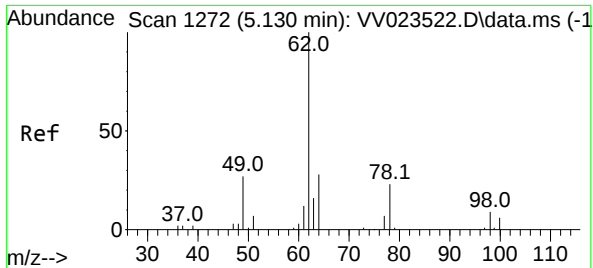
Tgt Ion: 96 Resp: 12952
 Ion Ratio Lower Upper
 96 100
 61 117.6 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 1.368 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VV023545.D
 Acq: 16 Nov 2021 19:37

Tgt Ion: 83 Resp: 20589
 Ion Ratio Lower Upper
 83 100
 85 67.8 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023545.D

Acq: 16 Nov 2021 19:37

Instrument :

MSVOA_V

ClientSampleId :

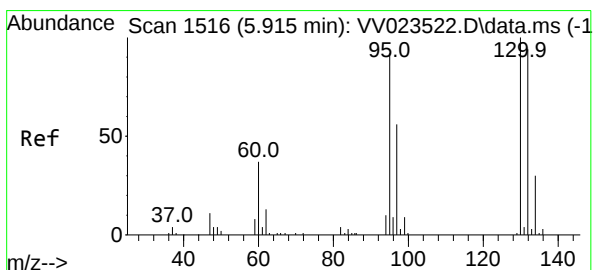
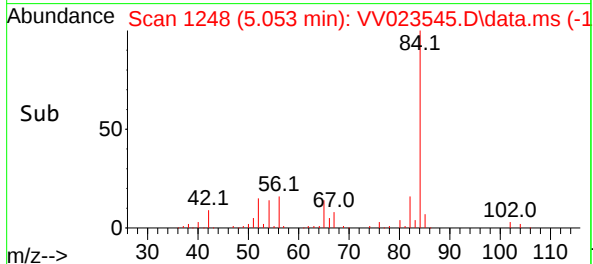
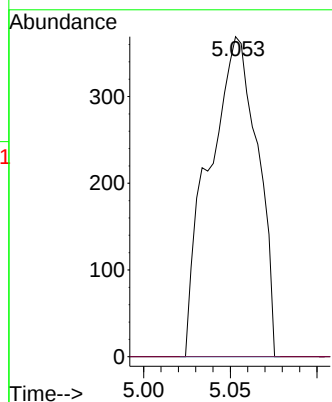
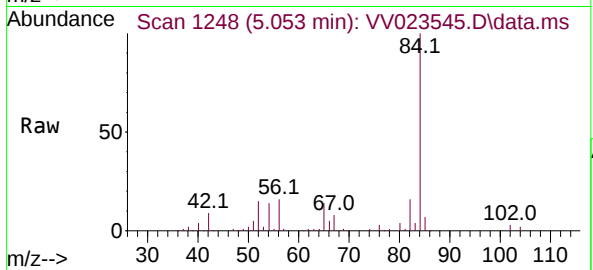
BG204

Tgt Ion: 62 Resp: 719

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 8.281 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023545.D

Acq: 16 Nov 2021 19:37

Tgt Ion: 95 Resp: 69183

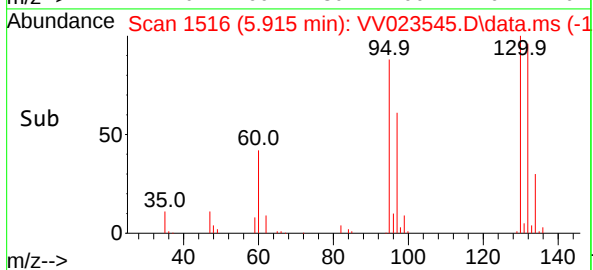
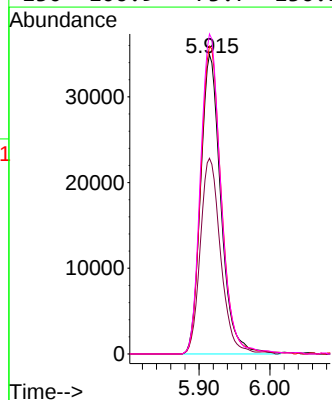
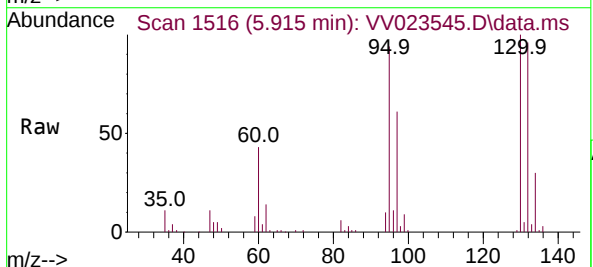
Ion Ratio Lower Upper

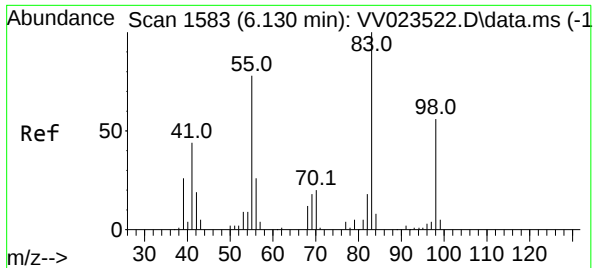
95 100

97 65.4 45.0 83.6

132 102.8 69.7 129.4

130 106.9 73.7 136.9

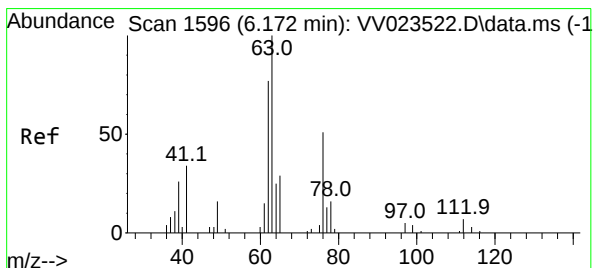
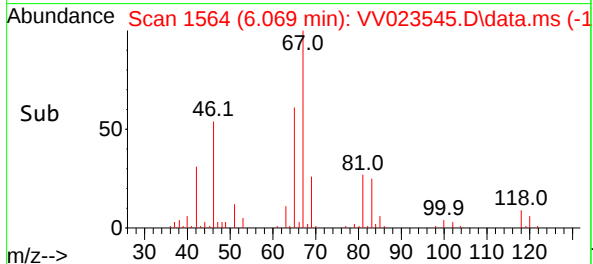
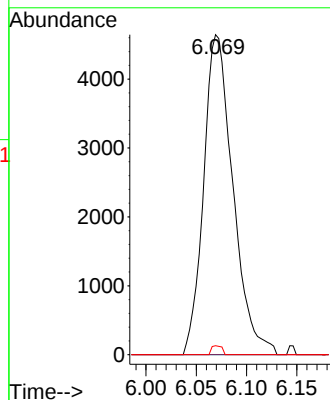
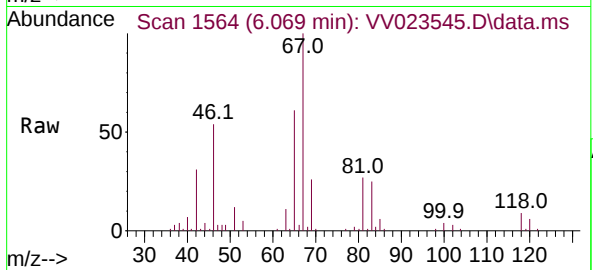




#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

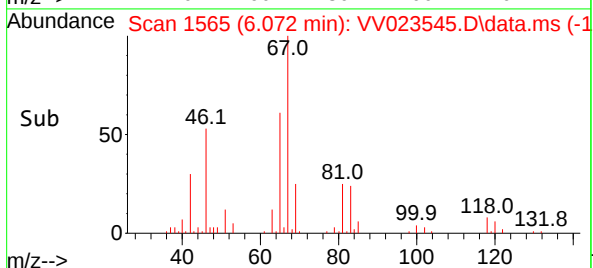
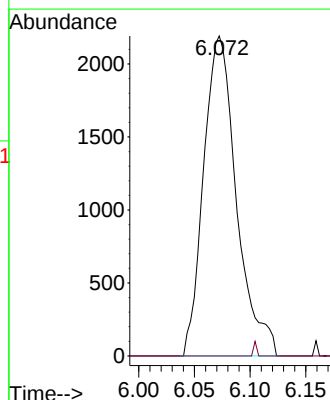
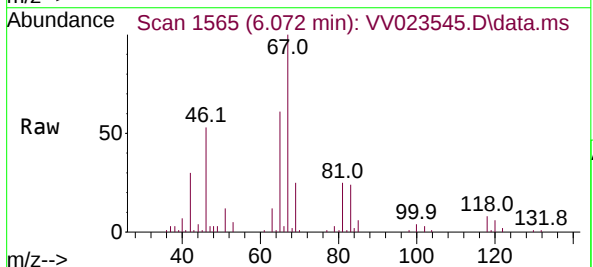
Instrument :
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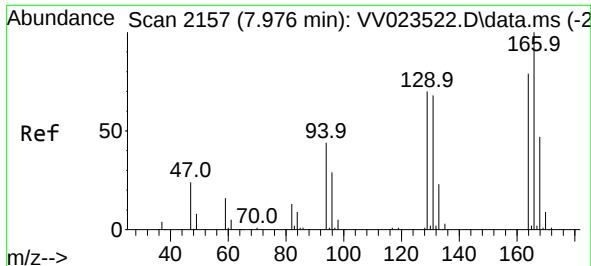
Tgt Ion: 83 Resp: 9411
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Tgt Ion: 63 Resp: 4502
Ion Ratio Lower Upper
63 100
112 0.4 4.6 6.8#



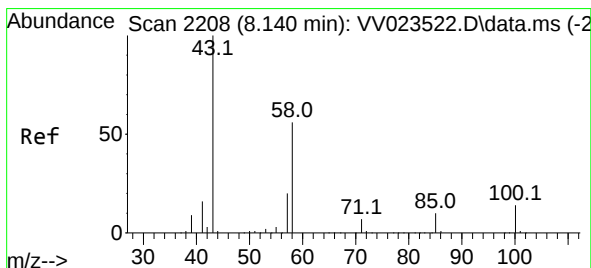
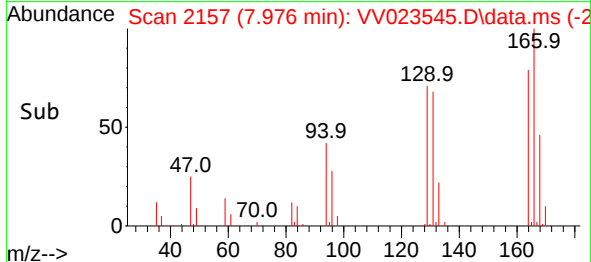
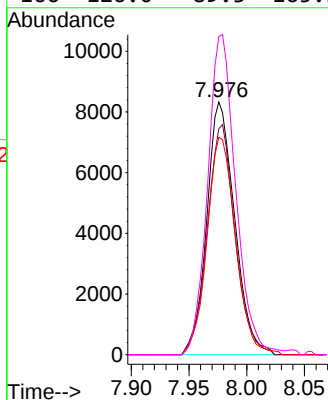
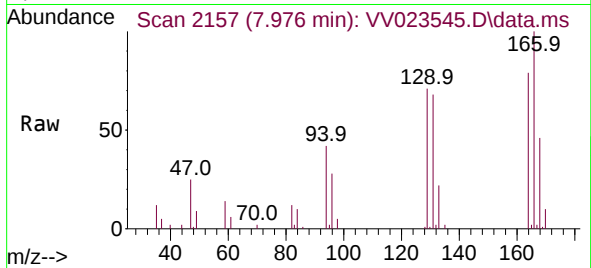


#47
Tetrachloroethene
Concen: 1.931 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Instrument :
MSVOA_V
ClientSampleId :
BG204

Tgt Ion:164 Resp: 13984

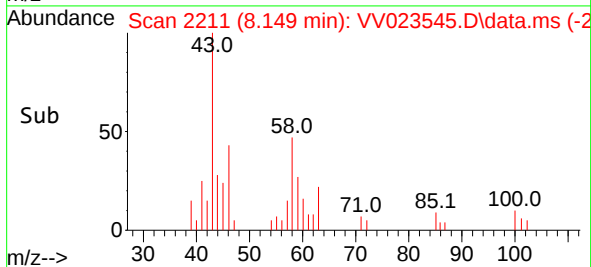
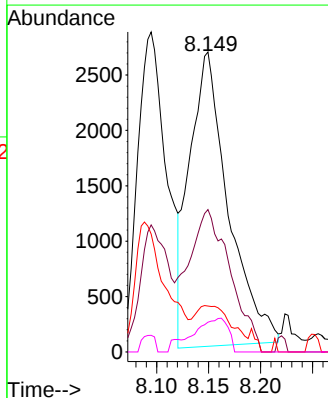
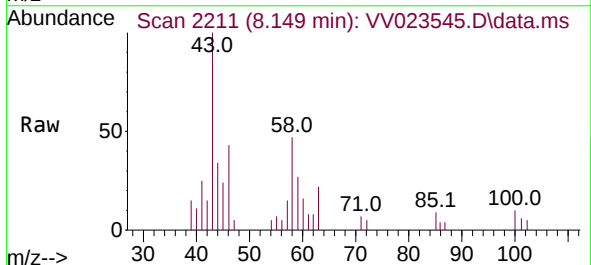
Ion	Ratio	Lower	Upper
164	100		
129	89.4	64.0	119.0
131	86.1	63.4	117.8
166	126.0	89.3	165.9

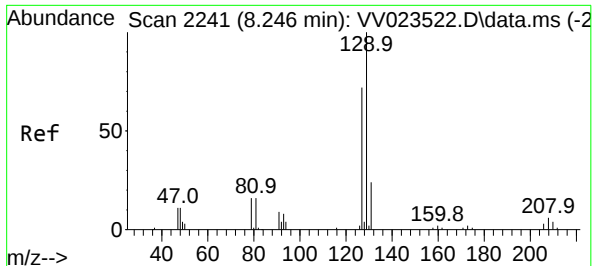


#48
2-Hexanone
Concen: 2.885 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023545.D
Acq: 16 Nov 2021 19:37

Tgt Ion: 43 Resp: 6877

Ion	Ratio	Lower	Upper
43	100		
58	51.3	43.7	65.5
57	14.7	14.1	21.1
100	10.5	10.2	15.2





#49

Dibromochloromethane

Concen: 1.864 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023545.D

Acq: 16 Nov 2021 19:37

Instrument :

MSVOA_V

ClientSampleId :

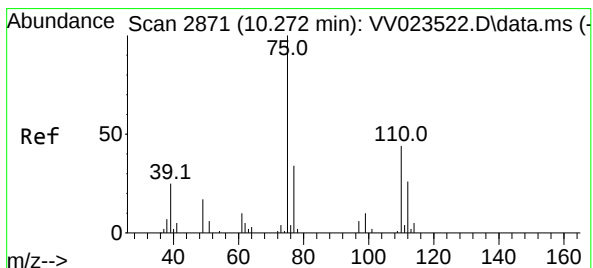
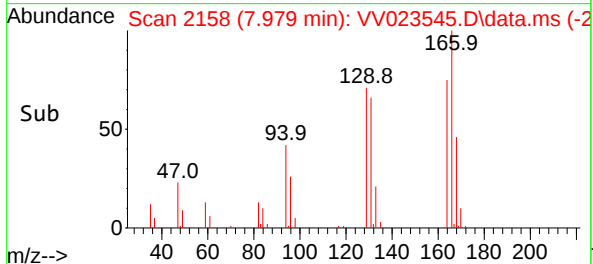
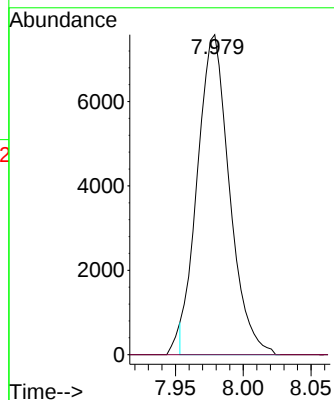
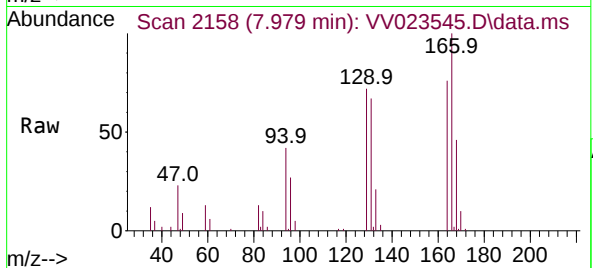
BG204

Tgt Ion:129 Resp: 12449

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.671 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.981 min

Lab File: VV023545.D

Acq: 16 Nov 2021 19:37

Tgt Ion: 75 Resp: 5465

Ion Ratio Lower Upper

75 100

77 31.5 26.6 39.8

110 1.2 31.8 47.6#

