

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022815.D
 Acq On : 15 Oct 2021 00:40
 Operator : SY/MD
 Sample : M4223-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG95

Quant Time: Oct 16 03:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	617854	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	588332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	294502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133300	3.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.565	69	95788	2.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.200%#
11) 1,1-Dichloroethene-d2	2.108	63	153674	1.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	36.800%#
20) 2-Butanone-d5	3.892	46	76818	6.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	13.780%#
24) Chloroform-d	4.349	84	320740	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
26) 1,2-Dichloroethane-d4	5.034	65	147987	3.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
32) Benzene-d6	5.050	84	586180	3.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.000%#
36) 1,2-Dichloropropane-d6	6.069	67	194273	3.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.317	98	512859	3.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.622	79	69675	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	61084	8.809	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	17.620%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154594	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	234483	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	5138	0.110	ug/L #	59
8) Chloroethane	1.307	64	3151	0.109	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	2527	0.068	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	7255	0.080	ug/L	94
19) 1,1-Dichloroethane	3.192	63	33620	0.460	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	151112	3.546	ug/L	98
25) Chloroform	4.378	83	69534	0.821	ug/L	97
27) 1,2-Dichloroethane	5.143	62	6336	0.150	ug/L	100
34) Trichloroethene	5.918	95	31055	0.721	ug/L	93
35) Methylcyclohexane	6.072	83	47196	0.782	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	20516	0.538	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	4944	0.098	ug/L #	76
42) Toluene	7.397	91	11154	0.069	ug/L	93
47) Tetrachloroethene	7.976	164	81187	2.330	ug/L	99
49) Dibromochloromethane	7.976	129	71070	2.147	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	31673	1.548	ug/L #	64

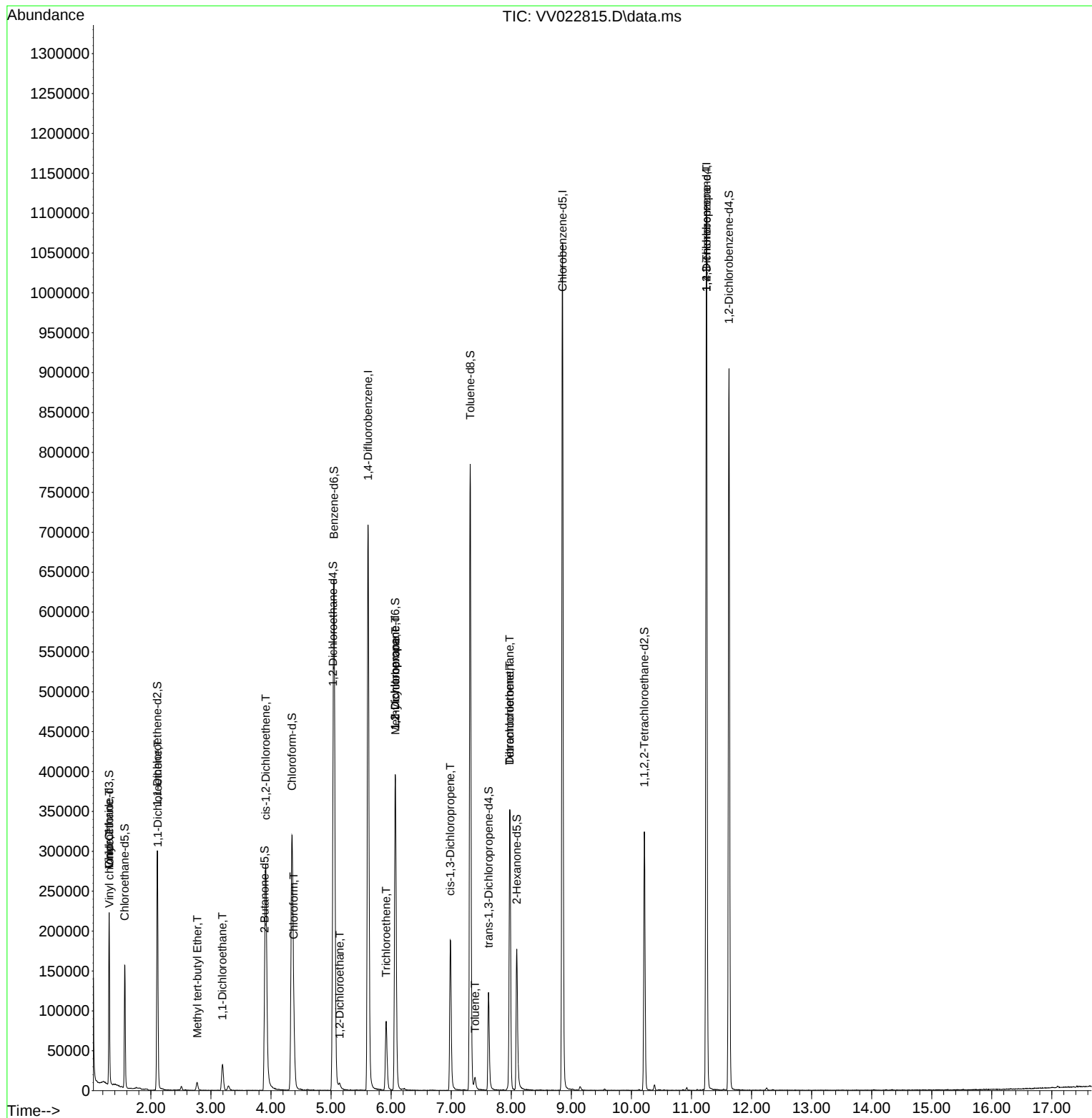
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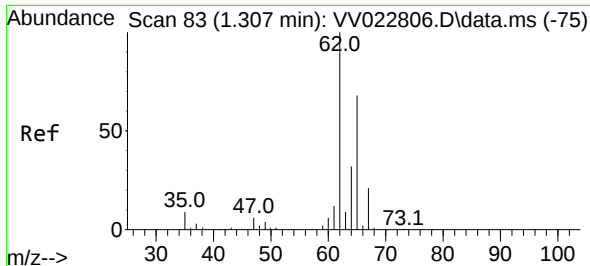
Instrument :
MSVOA_V
ClientSampleId :
BFG95

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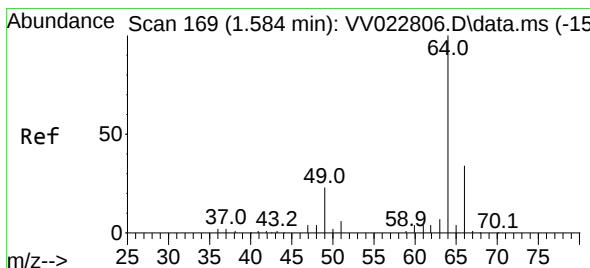
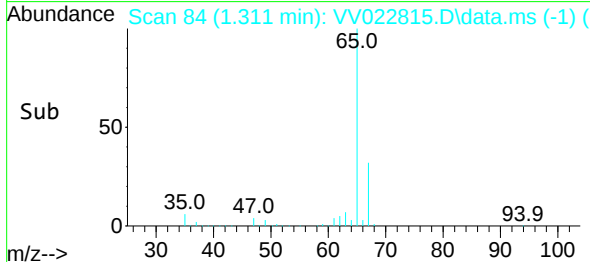
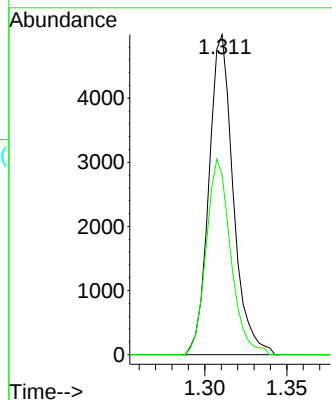
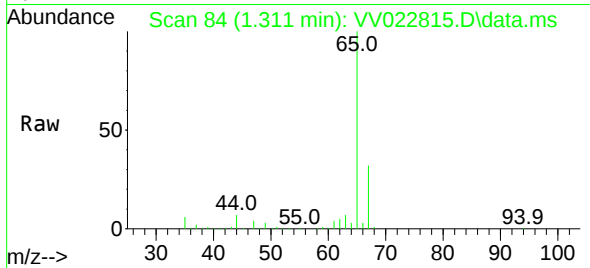




#5
 Vinyl chloride
 Concen: 0.110 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022815.D
 Acq: 15 Oct 2021 00:40

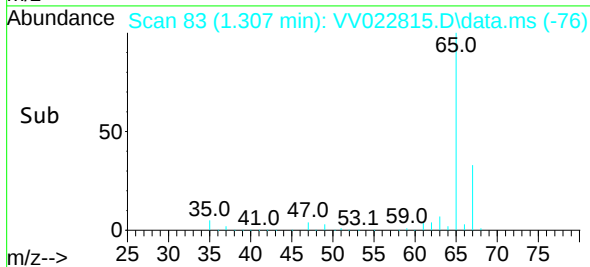
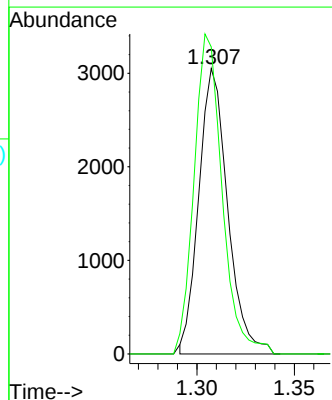
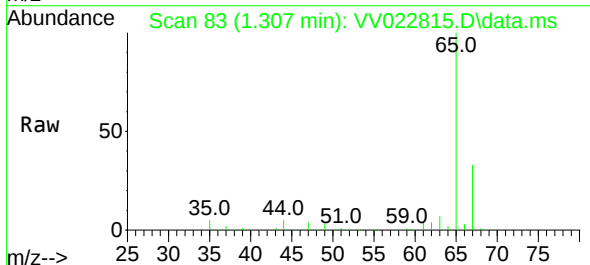
Instrument :
 MSVOA_V
 ClientSampleId :
 BFG95

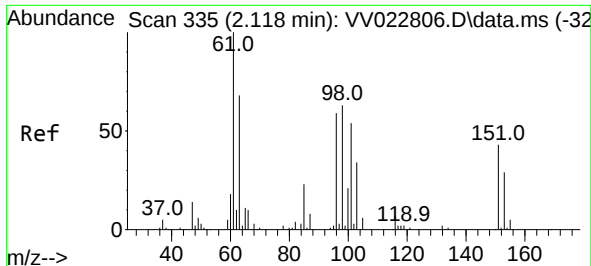
Tgt Ion: 62 Resp: 5138
 Ion Ratio Lower Upper
 62 100
 64 56.2 23.0 42.8#



#8
 Chloroethane
 Concen: 0.109 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.276 min
 Lab File: VV022815.D
 Acq: 15 Oct 2021 00:40

Tgt Ion: 64 Resp: 3151
 Ion Ratio Lower Upper
 64 100
 66 107.6 22.9 42.5#

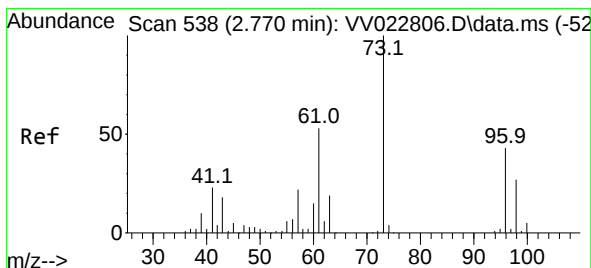
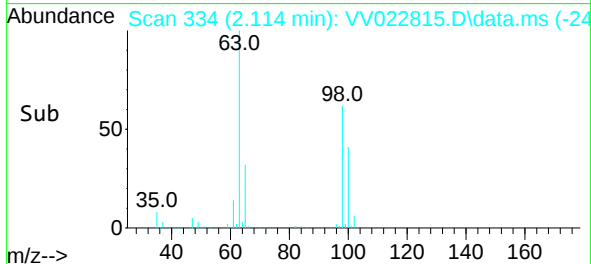
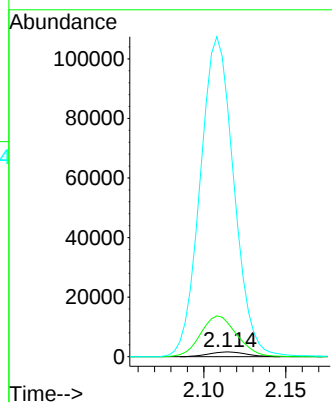
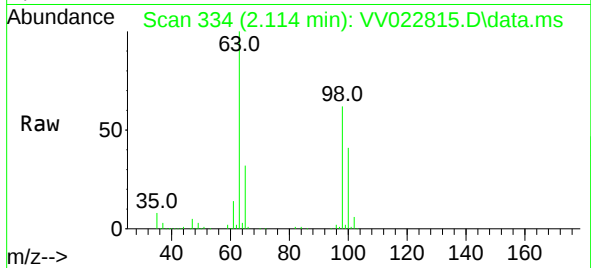




#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

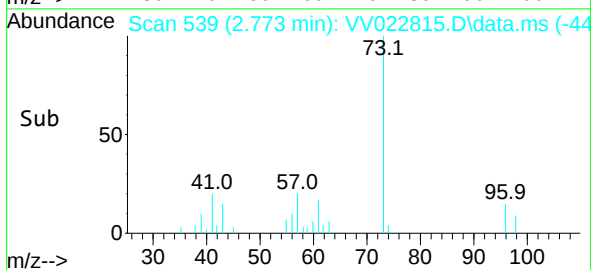
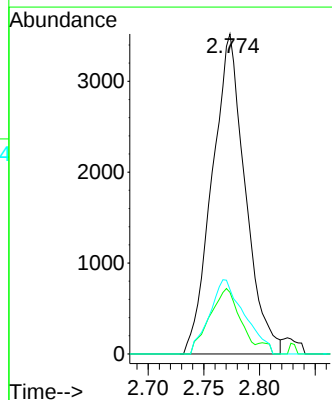
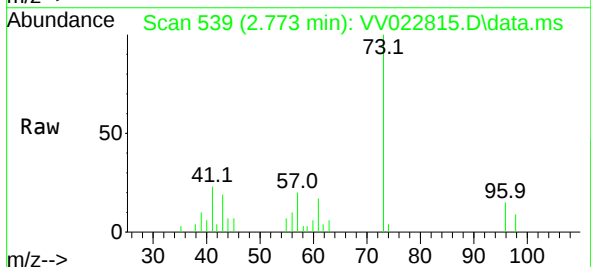
Instrument :
MSVOA_V
ClientSampleId :
BFG95

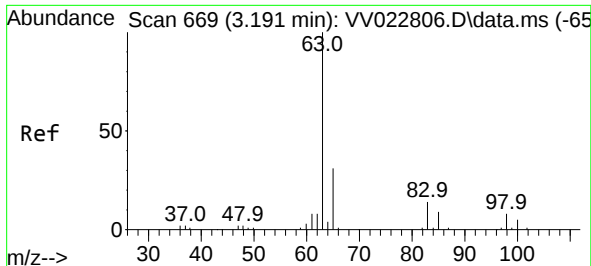
Tgt Ion: 96 Resp: 2527
Ion Ratio Lower Upper
96 100
61 720.4 127.3 236.5#
63 5295.3 106.2 197.2#



#17
Methyl tert-butyl Ether
Concen: 0.080 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Tgt Ion: 73 Resp: 7255
Ion Ratio Lower Upper
73 100
43 18.7 17.1 25.7
57 24.4 17.2 25.8

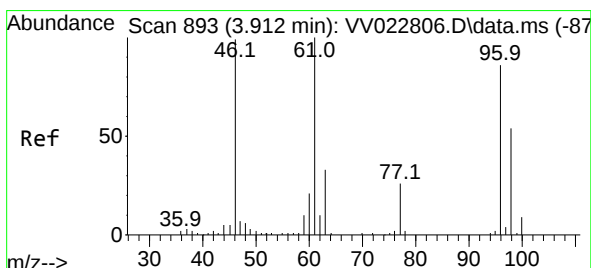
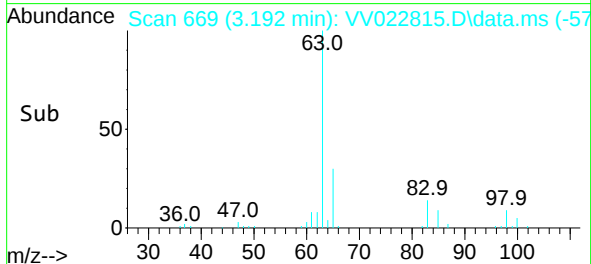
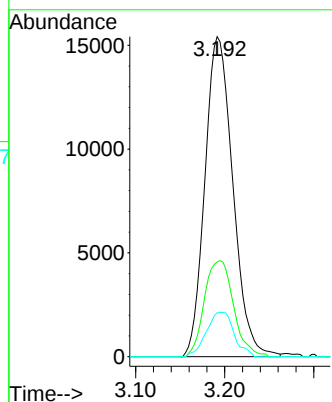
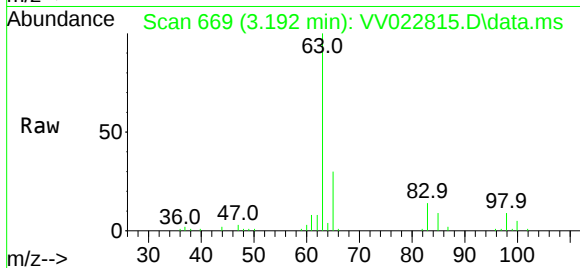




#19
1,1-Dichloroethane
Concen: 0.460 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

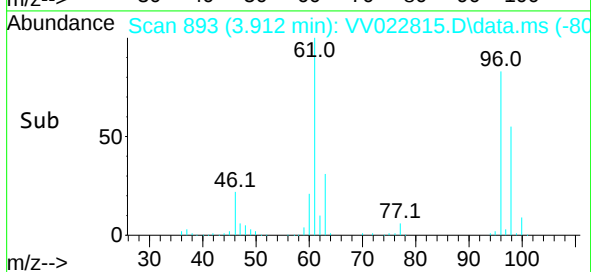
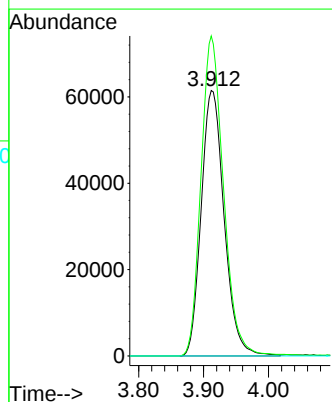
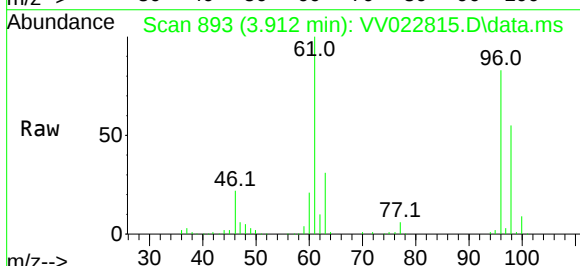
Instrument :
MSVOA_V
ClientSampleId :
BFG95

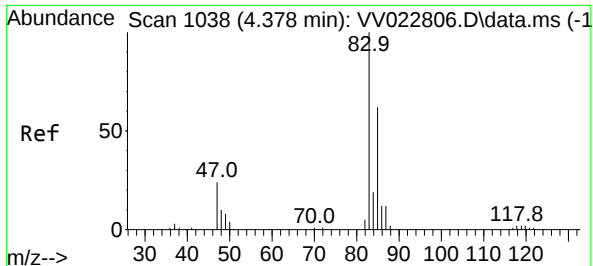
Tgt Ion:	63	Resp:	33620
Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.5	43.7
83	13.7	10.1	18.7



#22
cis-1,2-Dichloroethene
Concen: 3.546 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Tgt Ion:	96	Resp:	151112
Ion	Ratio	Lower	Upper
96	100		
61	120.5	86.0	159.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.821 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

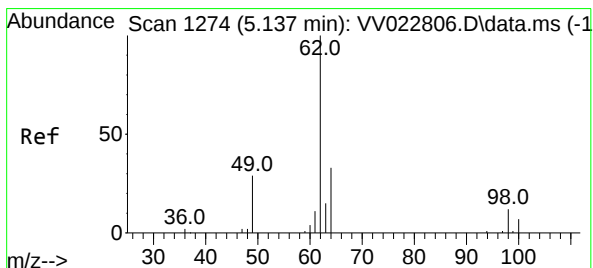
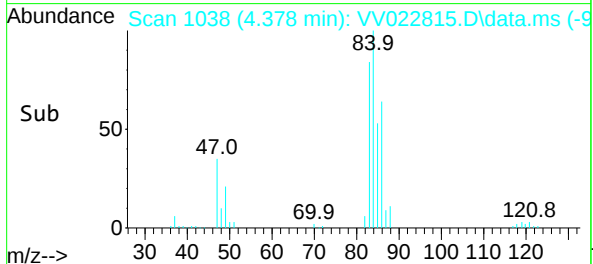
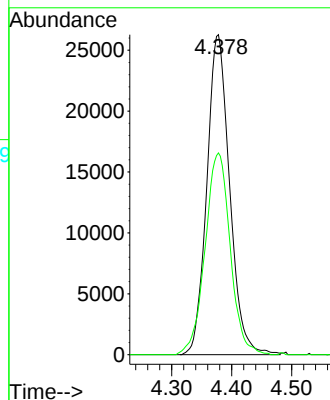
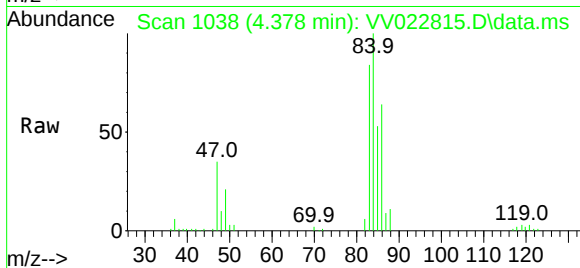
Lab File: VV022815.D

Acq: 15 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampled :
BFG95

Tgt Ion: 83 Resp: 69534

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.7	84.9



#27

1,2-Dichloroethane

Concen: 0.150 ug/L

RT: 5.143 min Scan# 1276

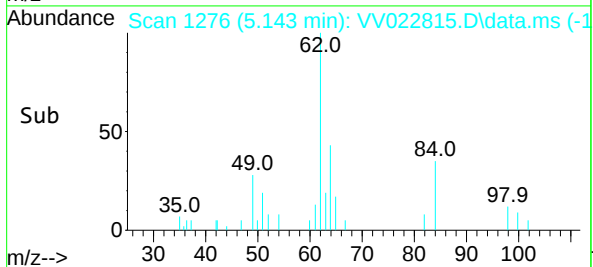
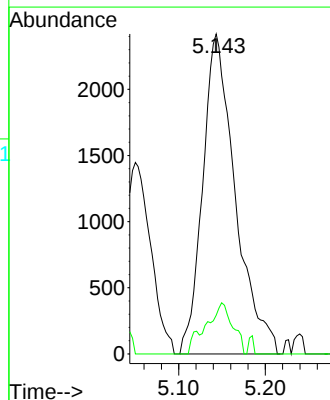
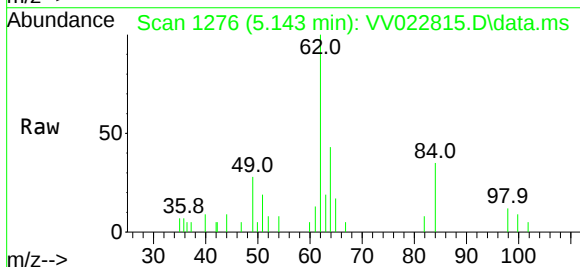
Delta R.T. 0.006 min

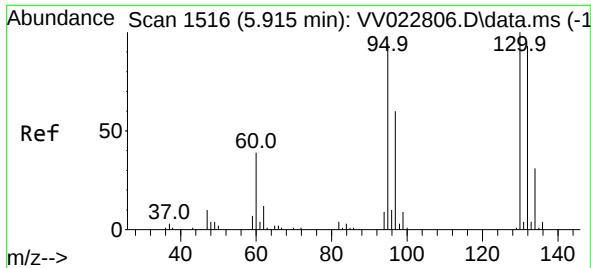
Lab File: VV022815.D

Acq: 15 Oct 2021 00:40

Tgt Ion: 62 Resp: 6336

Ion	Ratio	Lower	Upper
62	100		
98	12.1	9.7	14.5



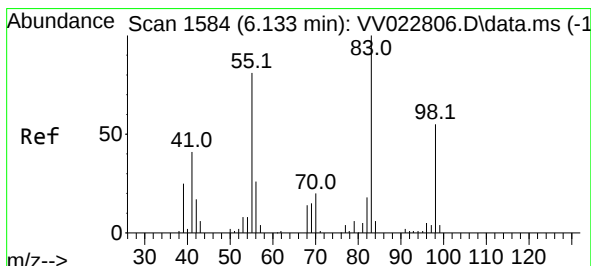
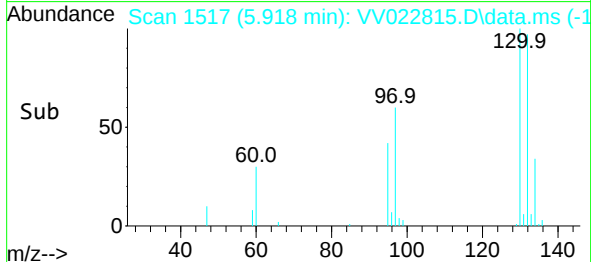
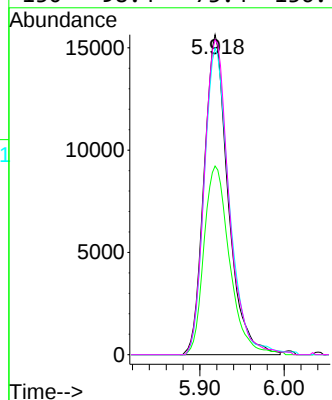
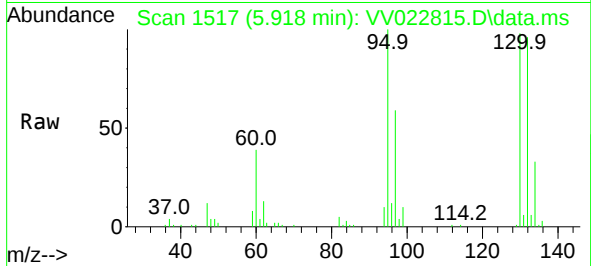


#34
Trichloroethene
Concen: 0.721 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 31055

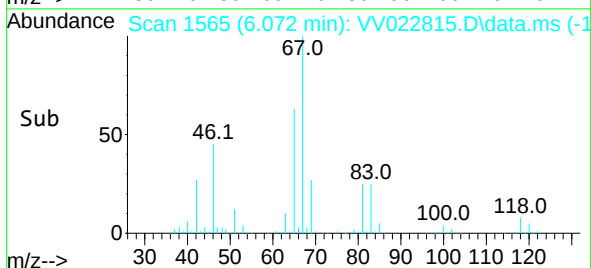
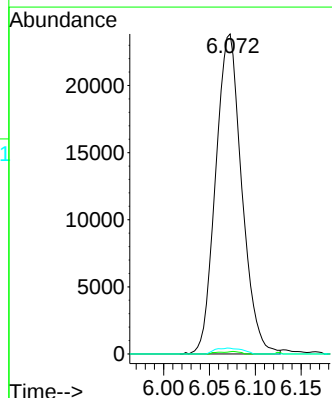
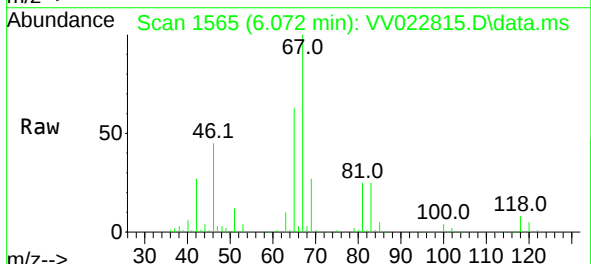
Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.8	85.2
132	95.8	72.2	134.0
130	98.4	73.4	136.4

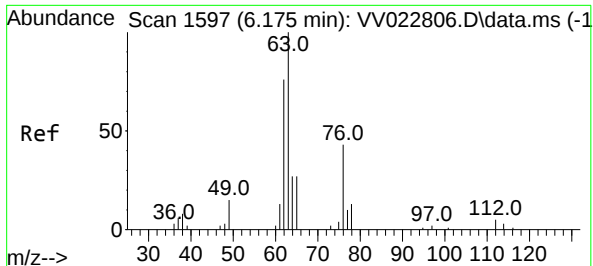


#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Tgt Ion: 83 Resp: 47196

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.8	95.6#
98	1.9	42.1	63.1#



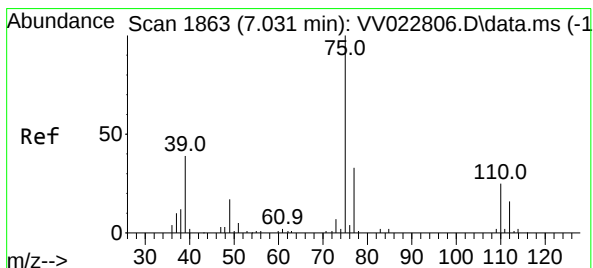
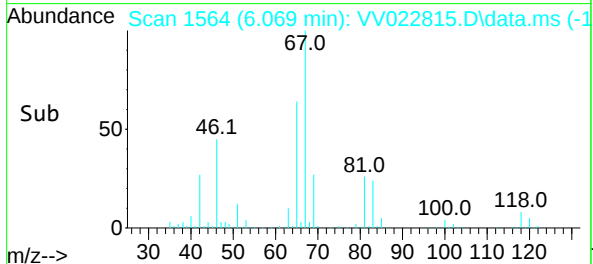
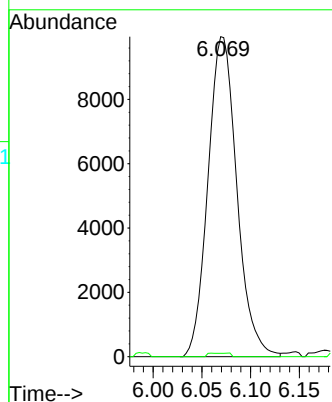
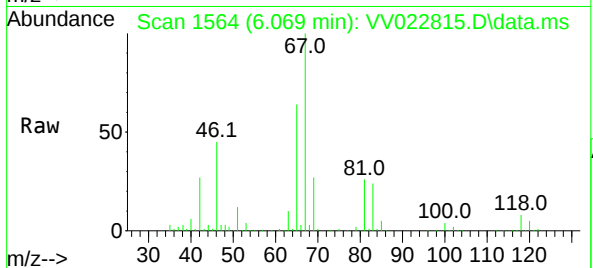


#37

1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

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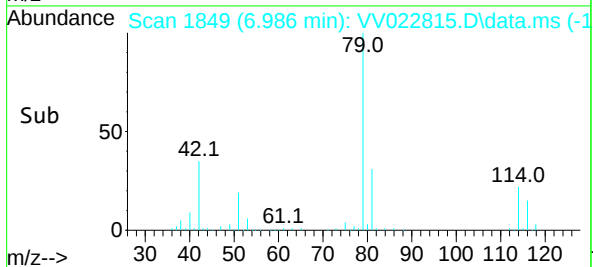
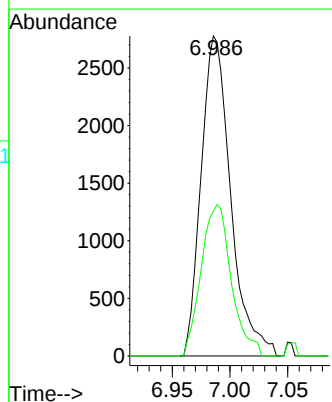
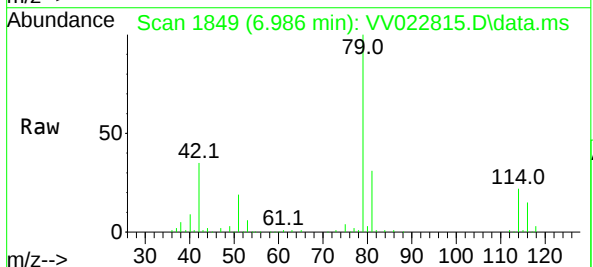
Tgt Ion: 63 Resp: 20516
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#

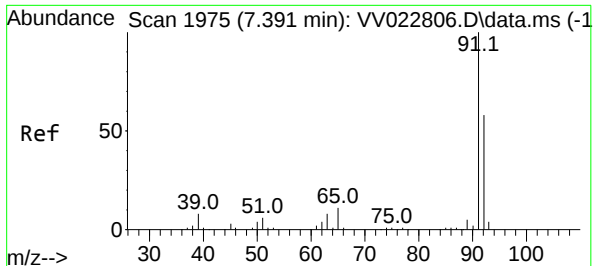


#39

cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Tgt Ion: 75 Resp: 4944
Ion Ratio Lower Upper
75 100
77 45.2 22.3 41.3#

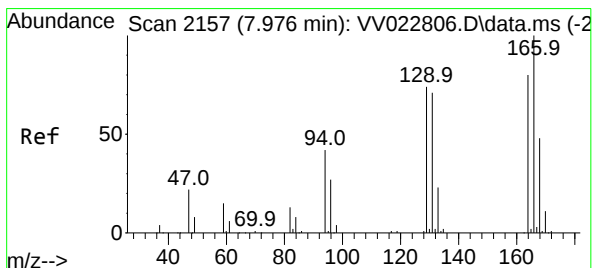
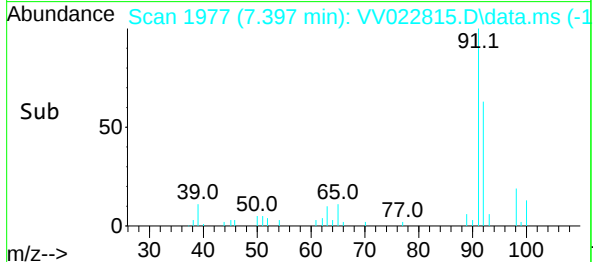
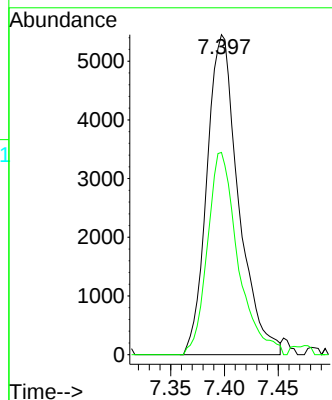
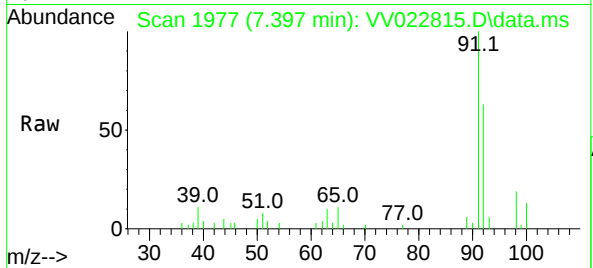




#42
Toluene
Concen: 0.069 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

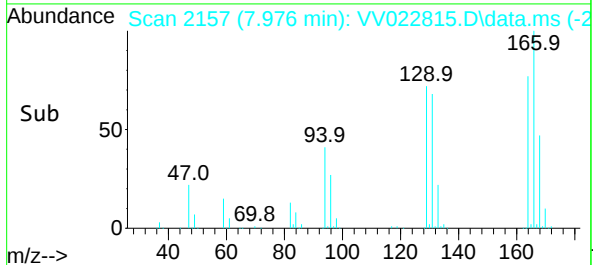
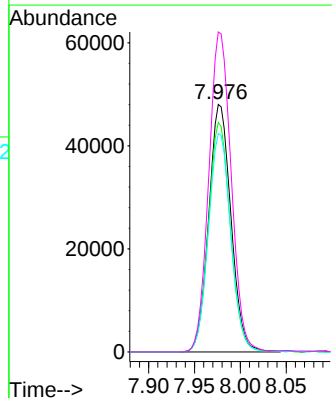
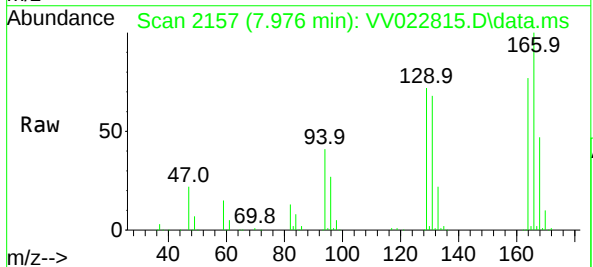
Instrument :
MSVOA_V
ClientSampleId :
BFG95

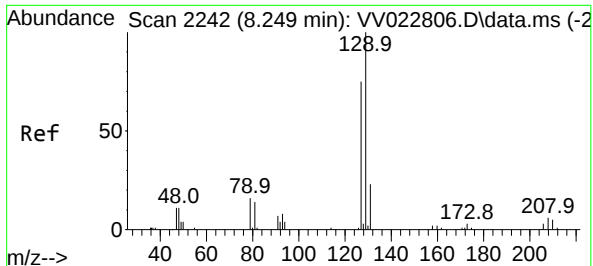
Tgt Ion: 91 Resp: 11154
Ion Ratio Lower Upper
91 100
92 63.2 40.7 75.7



#47
Tetrachloroethene
Concen: 2.330 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022815.D
Acq: 15 Oct 2021 00:40

Tgt Ion: 164 Resp: 81187
Ion Ratio Lower Upper
164 100
129 92.7 65.0 120.6
131 88.2 62.2 115.4
166 129.3 89.2 165.8





#49

Dibromochloromethane

Concen: 2.147 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022815.D

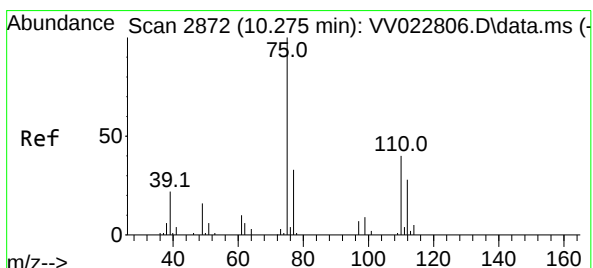
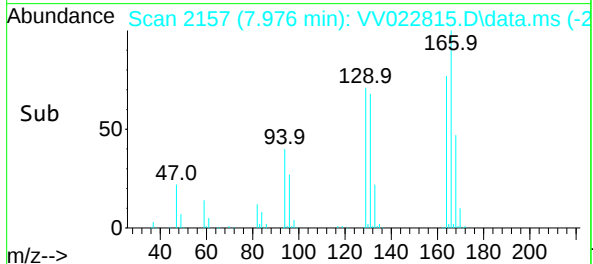
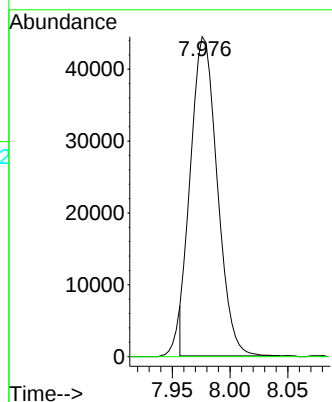
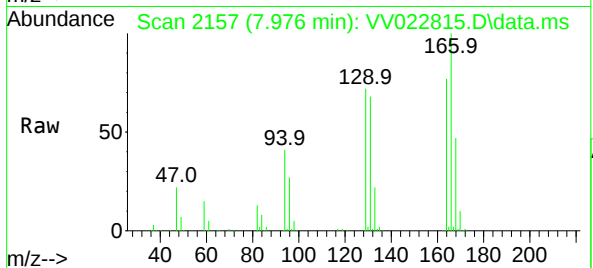
Acq: 15 Oct 2021 00:40

Tgt Ion:129 Resp: 71070

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.548 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022815.D

Acq: 15 Oct 2021 00:40

Tgt Ion: 75 Resp: 31673

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

110 3.0 34.2 51.4#

