

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023524.D
 Acq On : 16 Nov 2021 11:14
 Operator : SY/MD
 Sample : M4616-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X8DL

Quant Time: Nov 17 00:50:17 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	5.616	114	120908	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37089	4.897	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.000%	
7) Chloroethane-d5	1.568	69	31122	5.041	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54147	3.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.912	46	45238	34.667	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.340%	
24) Chloroform-d	4.349	84	78348	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.031	65	35872	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.050	84	148308	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.069	67	44614	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.313	98	129201	4.507	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15610	4.572	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.091	63	48557	38.651	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28049	4.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48148	5.474	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	259	0.040	ug/L	85
9) Trichlorofluoromethane	1.754	101	83521	5.552	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1746	0.231	ug/L #	76
12) 1,1-Dichloroethene	2.117	96	1227	0.170	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2762	0.174	ug/L #	87
19) 1,1-Dichloroethane	3.191	63	3958	0.264	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	8245	0.967	ug/L #	91
27) 1,2-Dichloroethane	5.043	62	986	0.116	ug/L #	72
34) Trichloroethene	5.912	95	105522	11.908	ug/L	97
35) Methylcyclohexane	6.069	83	10798	0.772	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5107	0.656	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1276	0.114	ug/L #	53
47) Tetrachloroethene	7.976	164	7341	0.956	ug/L	91
48) 2-Hexanone	8.149	43	8601	3.402	ug/L #	80
49) Dibromochloromethane	7.976	129	6395	0.903	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5532	1.577	ug/L #	64

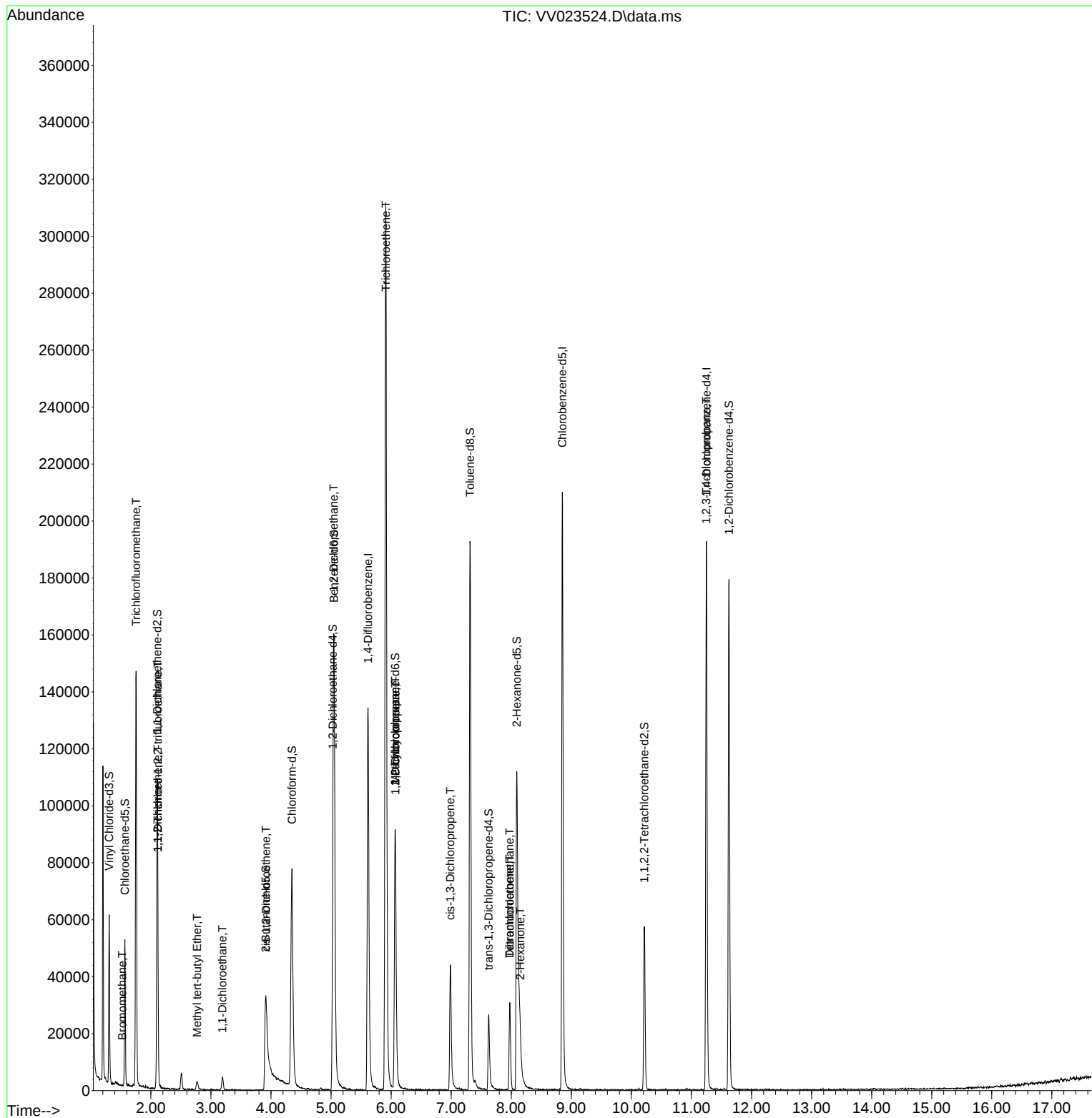
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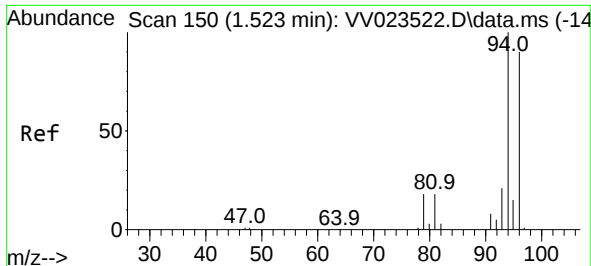
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

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Response via : Initial Calibration

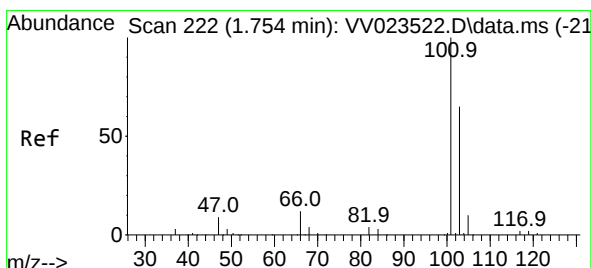
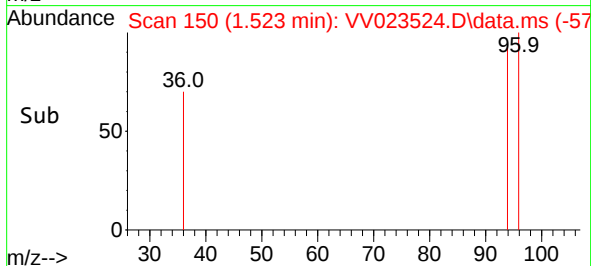
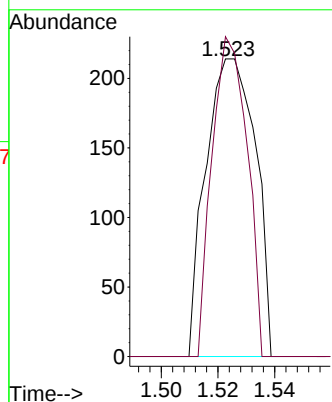
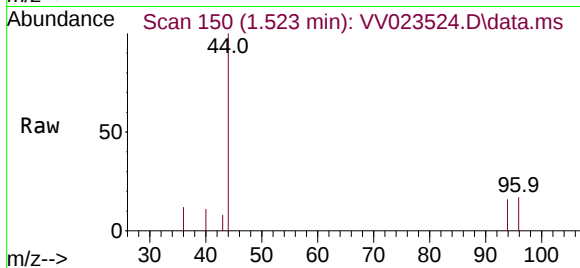




#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

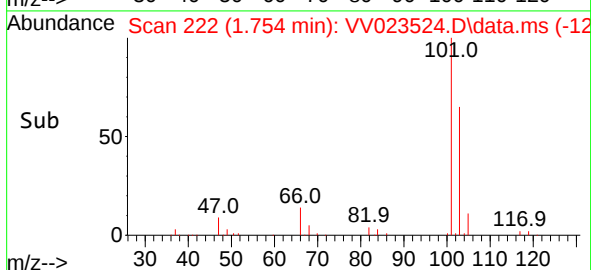
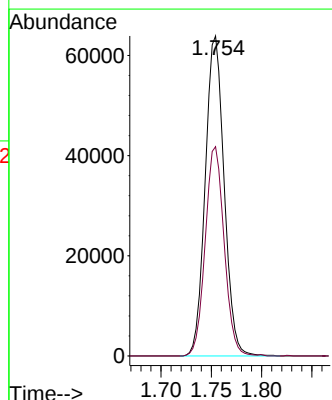
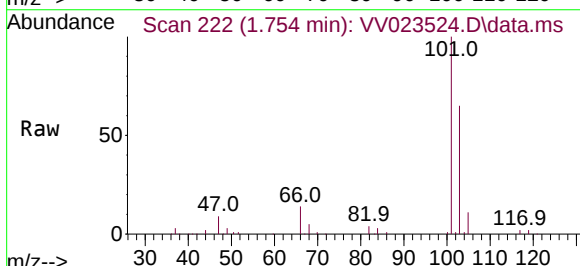
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MSVOA_V
ClientSampleId :
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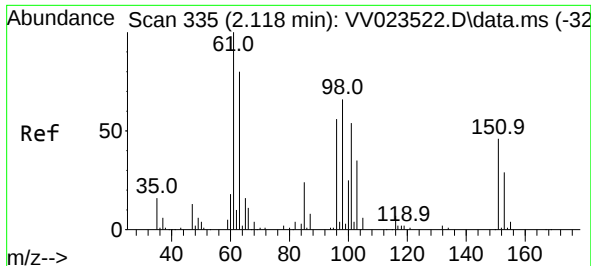
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 107.5 65.0 120.8



#9
Trichlorofluoromethane
Concen: 5.552 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

Tgt Ion: 101 Resp: 83521
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

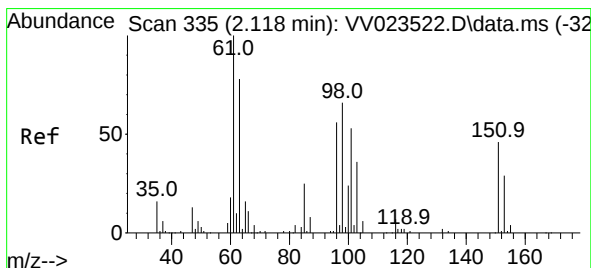
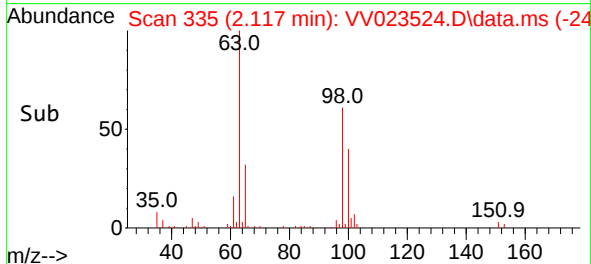
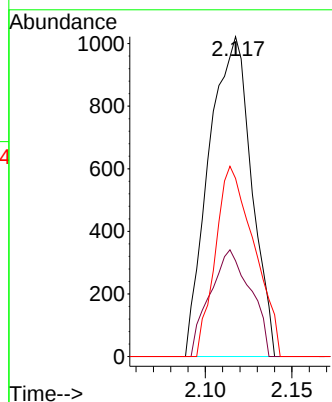
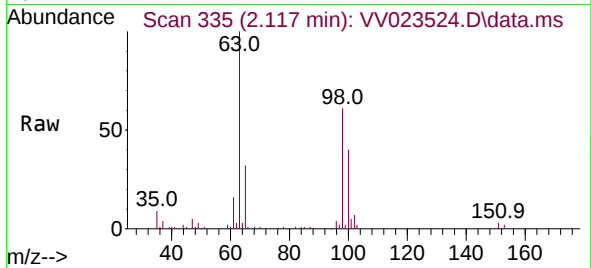




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.231 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023524.D
 Acq: 16 Nov 2021 11:14

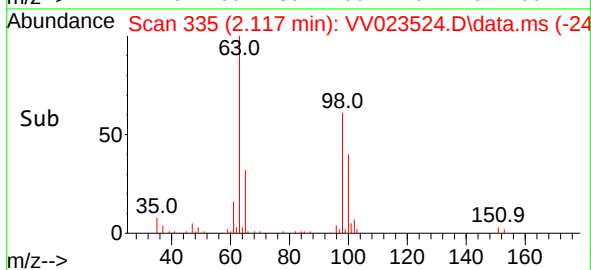
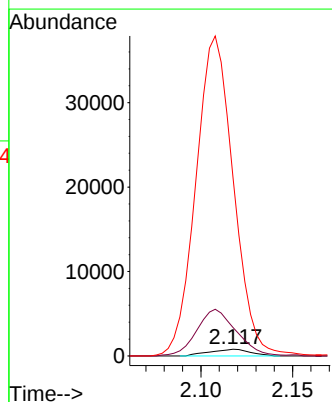
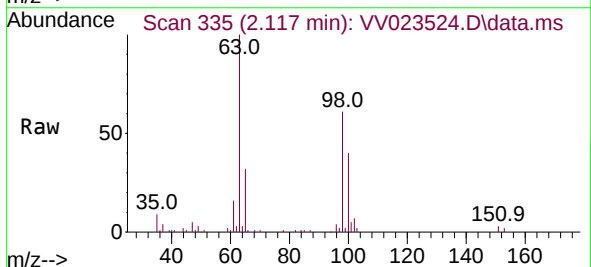
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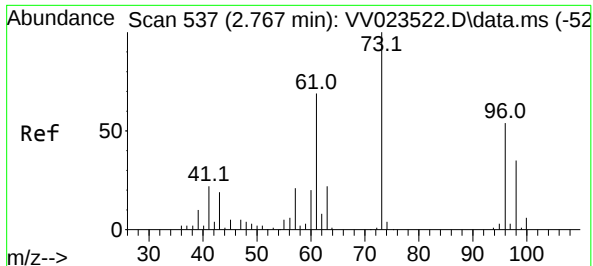
Tgt Ion:101 Resp: 1746
 Ion Ratio Lower Upper
 101 100
 85 31.9 35.3 52.9#
 151 54.4 62.2 93.2#



#12
 1,1-Dichloroethene
 Concen: 0.170 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023524.D
 Acq: 16 Nov 2021 11:14

Tgt Ion: 96 Resp: 1227
 Ion Ratio Lower Upper
 96 100
 61 427.6 121.5 225.7#
 63 2679.8 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 0.174 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

Instrument :

MSVOA_V

ClientSampleId :

BG1X8DL

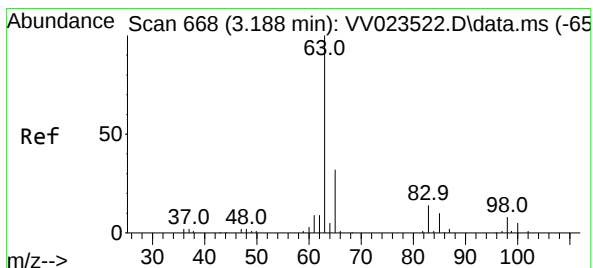
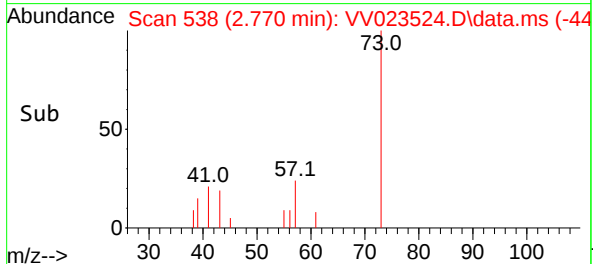
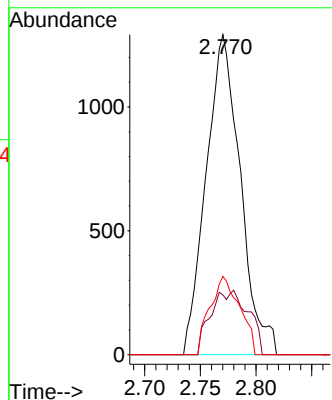
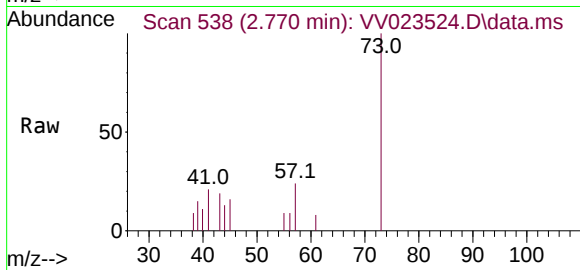
Tgt Ion: 73 Resp: 2762

Ion Ratio Lower Upper

73 100

43 10.2 17.4 26.0#

57 21.3 16.5 24.7



#19

1,1-Dichloroethane

Concen: 0.264 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

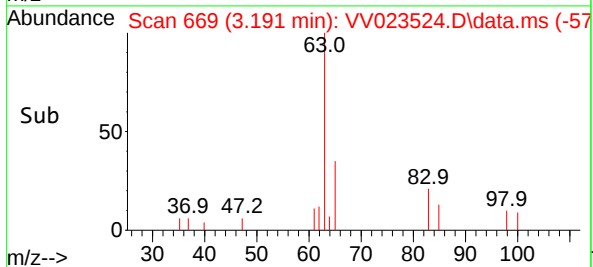
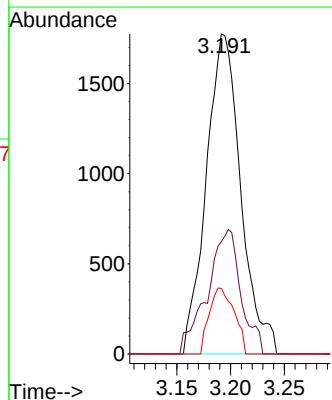
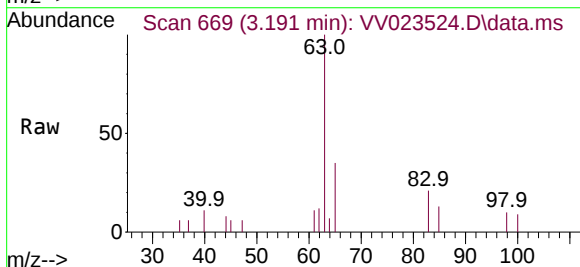
Tgt Ion: 63 Resp: 3958

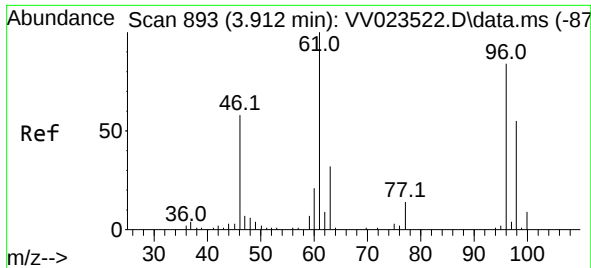
Ion Ratio Lower Upper

63 100

65 35.1 22.6 42.0

83 20.5 11.1 20.7

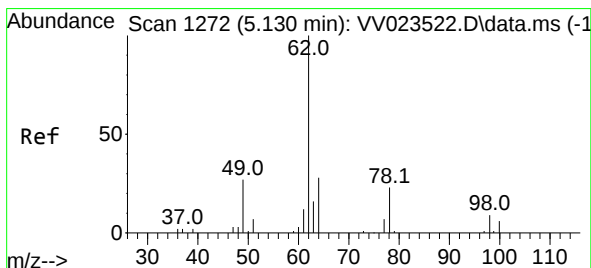
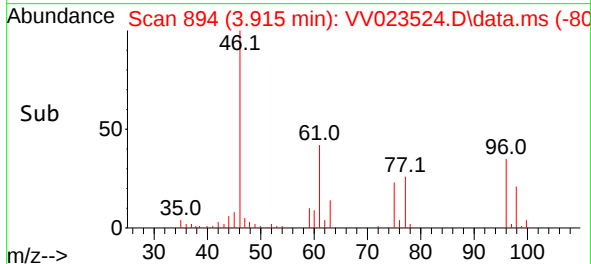
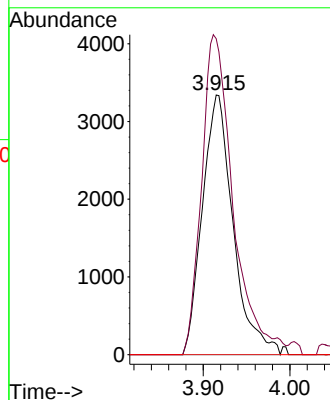
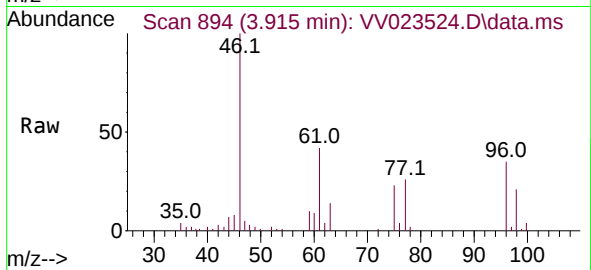




#22
 cis-1,2-Dichloroethene
 Concen: 0.967 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV023524.D
 Acq: 16 Nov 2021 11:14

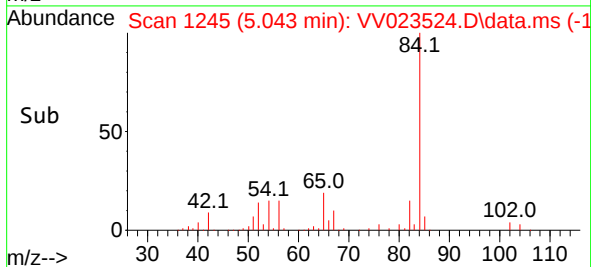
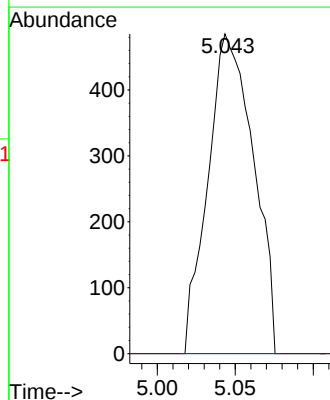
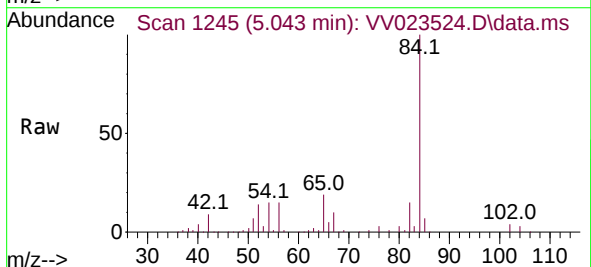
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 MSVOA_V
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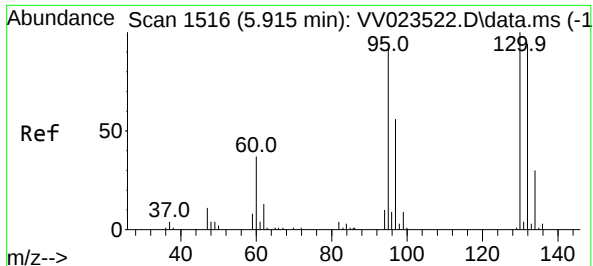
Tgt Ion: 96 Resp: 8245
 Ion Ratio Lower Upper
 96 100
 61 121.7 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.116 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.087 min
 Lab File: VV023524.D
 Acq: 16 Nov 2021 11:14

Tgt Ion: 62 Resp: 986
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

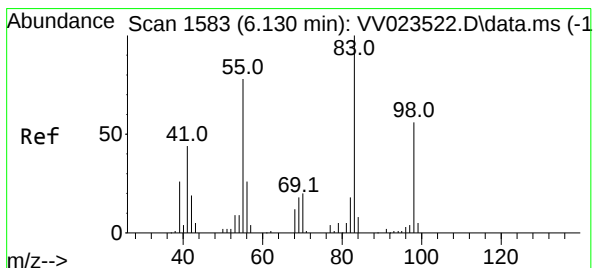
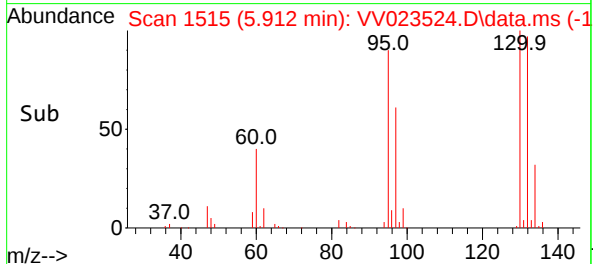
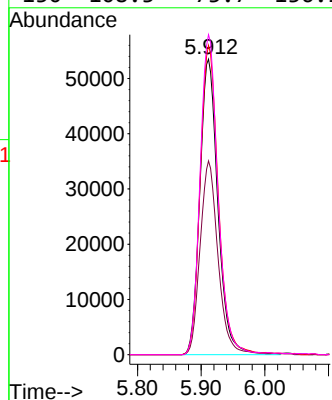
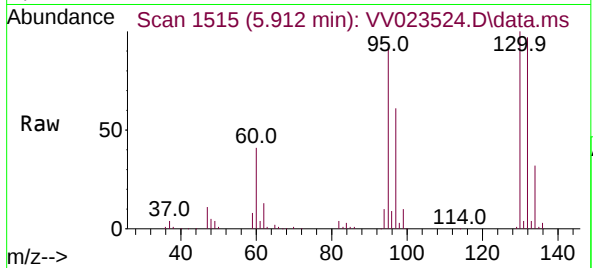




#34
Trichloroethene
Concen: 11.908 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

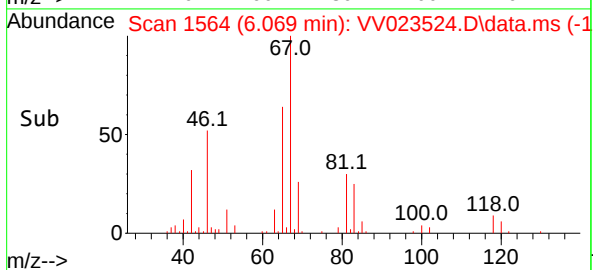
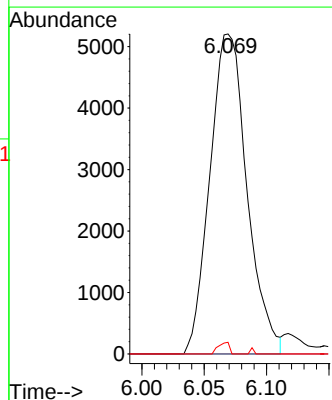
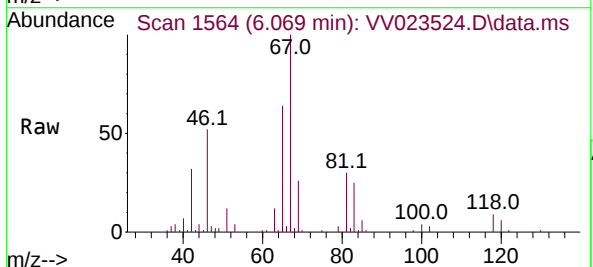
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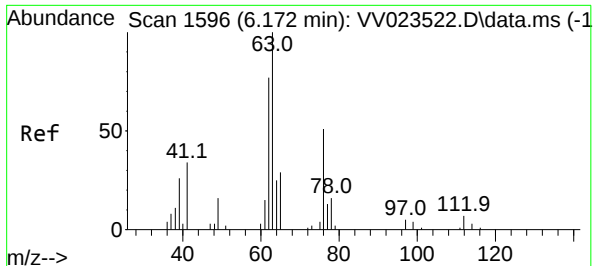
Tgt Ion: 95 Resp: 105522
Ion Ratio Lower Upper
95 100
97 65.6 45.0 83.6
132 104.7 69.7 129.4
130 108.3 73.7 136.9



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

Tgt Ion: 83 Resp: 10798
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 1.1 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

Instrument :

MSVOA_V

ClientSampleId :

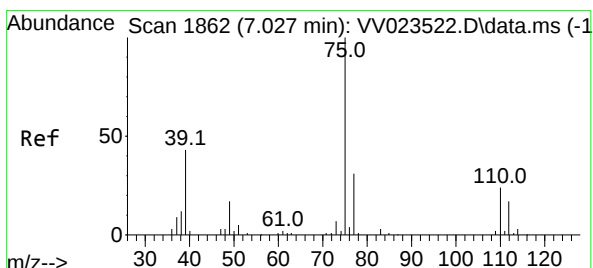
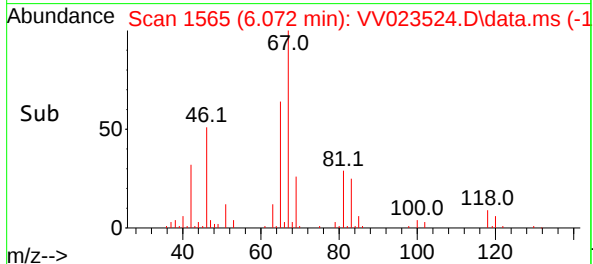
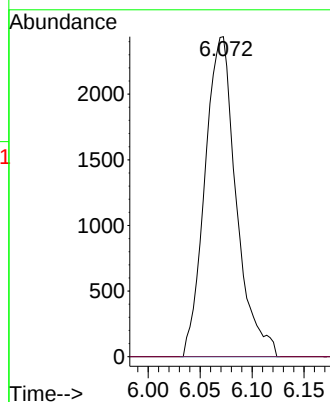
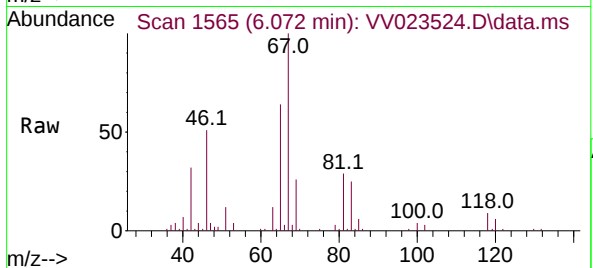
BG1X8DL

Tgt Ion: 63 Resp: 5107

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023524.D

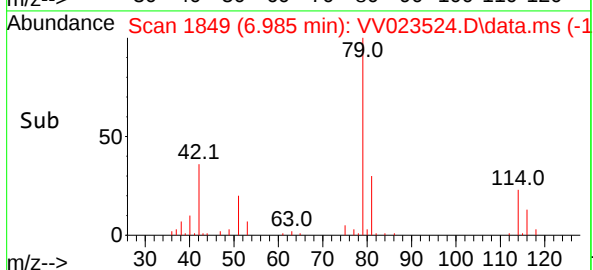
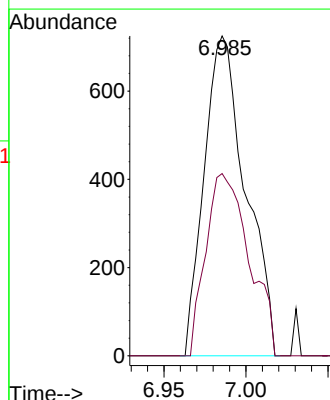
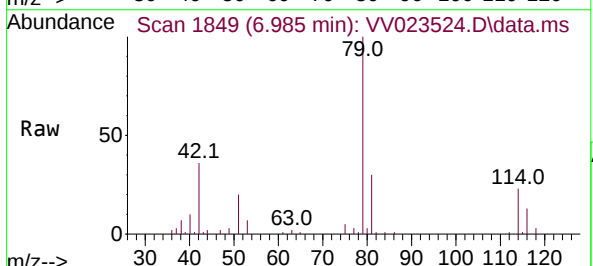
Acq: 16 Nov 2021 11:14

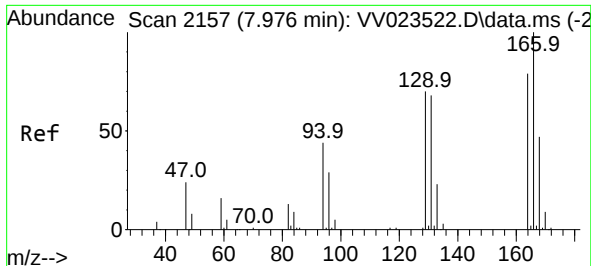
Tgt Ion: 75 Resp: 1276

Ion Ratio Lower Upper

75 100

77 57.0 21.6 40.2#

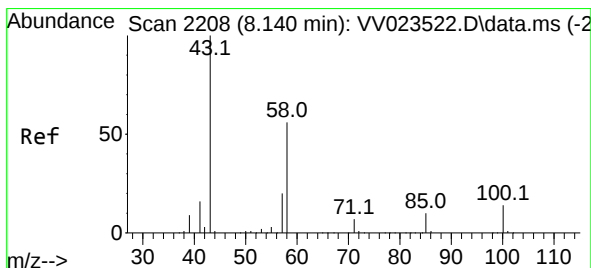
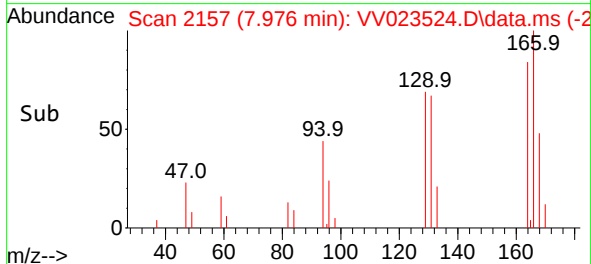
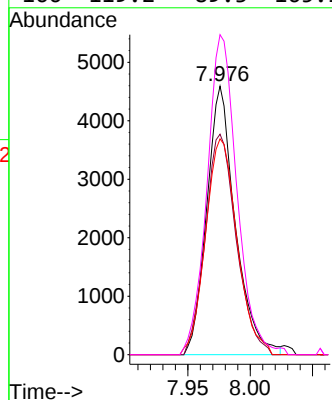
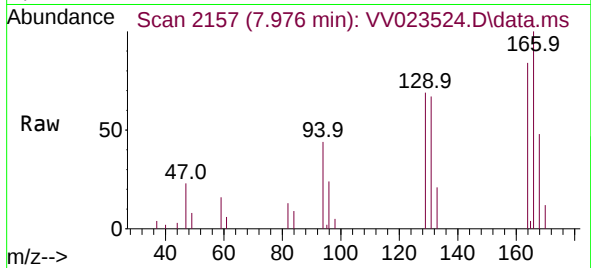




#47
Tetrachloroethene
Concen: 0.956 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

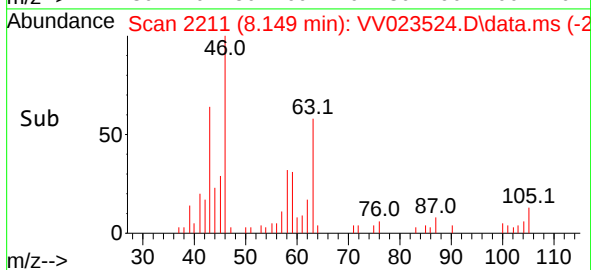
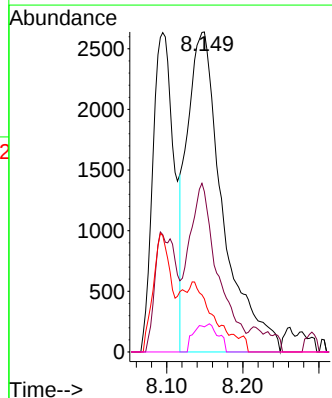
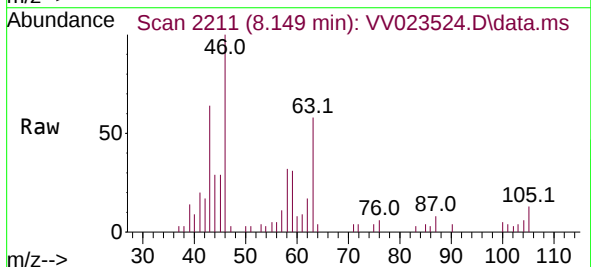
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

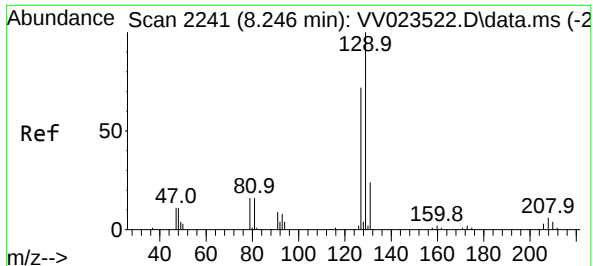
Tgt Ion:164	Resp:	7341	
Ion	Ratio	Lower	Upper
164	100		
129	82.1	64.0	119.0
131	80.4	63.4	117.8
166	119.2	89.3	165.9



#48
2-Hexanone
Concen: 3.402 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023524.D
Acq: 16 Nov 2021 11:14

Tgt Ion: 43	Resp:	8601	
Ion	Ratio	Lower	Upper
43	100		
58	38.1	43.7	65.5#
57	11.0	14.1	21.1#
100	5.9	10.2	15.2#





#49

Dibromochloromethane

Concen: 0.903 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

Instrument :

MSVOA_V

ClientSampleId :

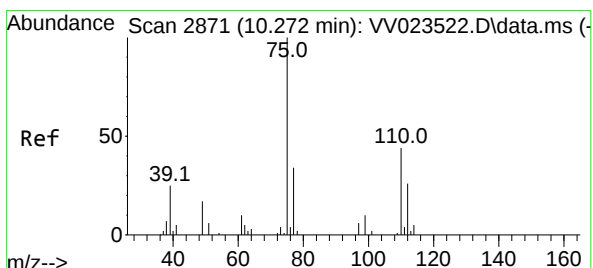
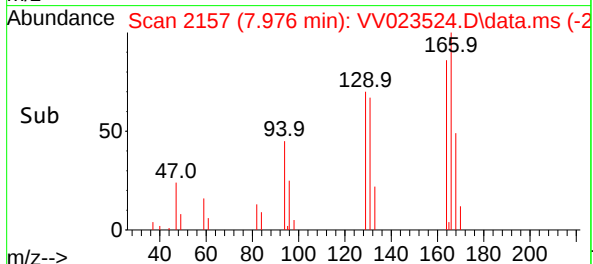
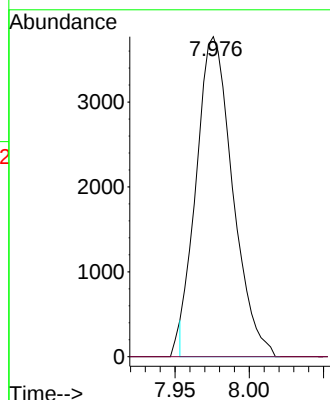
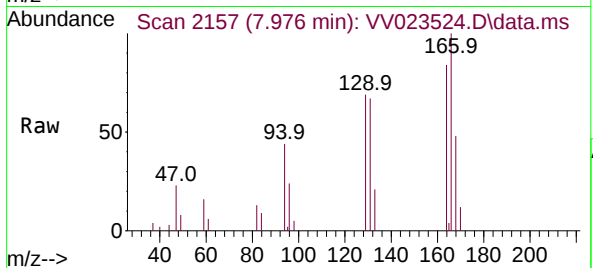
BG1X8DL

Tgt Ion:129 Resp: 6395

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.577 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV023524.D

Acq: 16 Nov 2021 11:14

Tgt Ion: 75 Resp: 5532

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

110 1.5 31.8 47.6#

