

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023473.D
 Acq On : 15 Nov 2021 11:32
 Operator : SY/MD
 Sample : M4616-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X8DL

Quant Time: Nov 16 00:30:54 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	120999	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45756	6.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.800%
7) Chloroethane-d5	1.568	69	34476	5.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.108	63	61030	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.918	46	44820	34.321	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.640%
24) Chloroform-d	4.352	84	78714	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.037	65	37816	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.053	84	158876	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.072	67	45939	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	139678	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	16909	4.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.095	63	47927	37.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28237	4.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49042	5.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	116142	7.715	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2357	0.311	ug/L	91
12) 1,1-Dichloroethene	2.114	96	1339	0.186	ug/L #	1
16) Methylene chloride	2.510	84	5674	0.539	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	2491	0.157	ug/L #	93
19) 1,1-Dichloroethane	3.198	63	3774	0.252	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	6871	0.805	ug/L #	78
27) 1,2-Dichloroethane	5.056	62	1060	0.125	ug/L #	72
34) Trichloroethene	5.915	95	92273	10.171	ug/L	98
35) Methylcyclohexane	6.072	83	11988	0.837	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	5527	0.694	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1325	0.116	ug/L #	80
42) Toluene	7.400	91	2340	0.064	ug/L	99
47) Tetrachloroethene	7.979	164	7202	0.916	ug/L	97
48) 2-Hexanone	8.146	43	5870	2.268	ug/L #	90
49) Dibromochloromethane	7.979	129	6468	0.892	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5691	1.573	ug/L #	67

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QLast Update : Tue Nov 16 00:29:25 2021
Response via : Initial Calibration

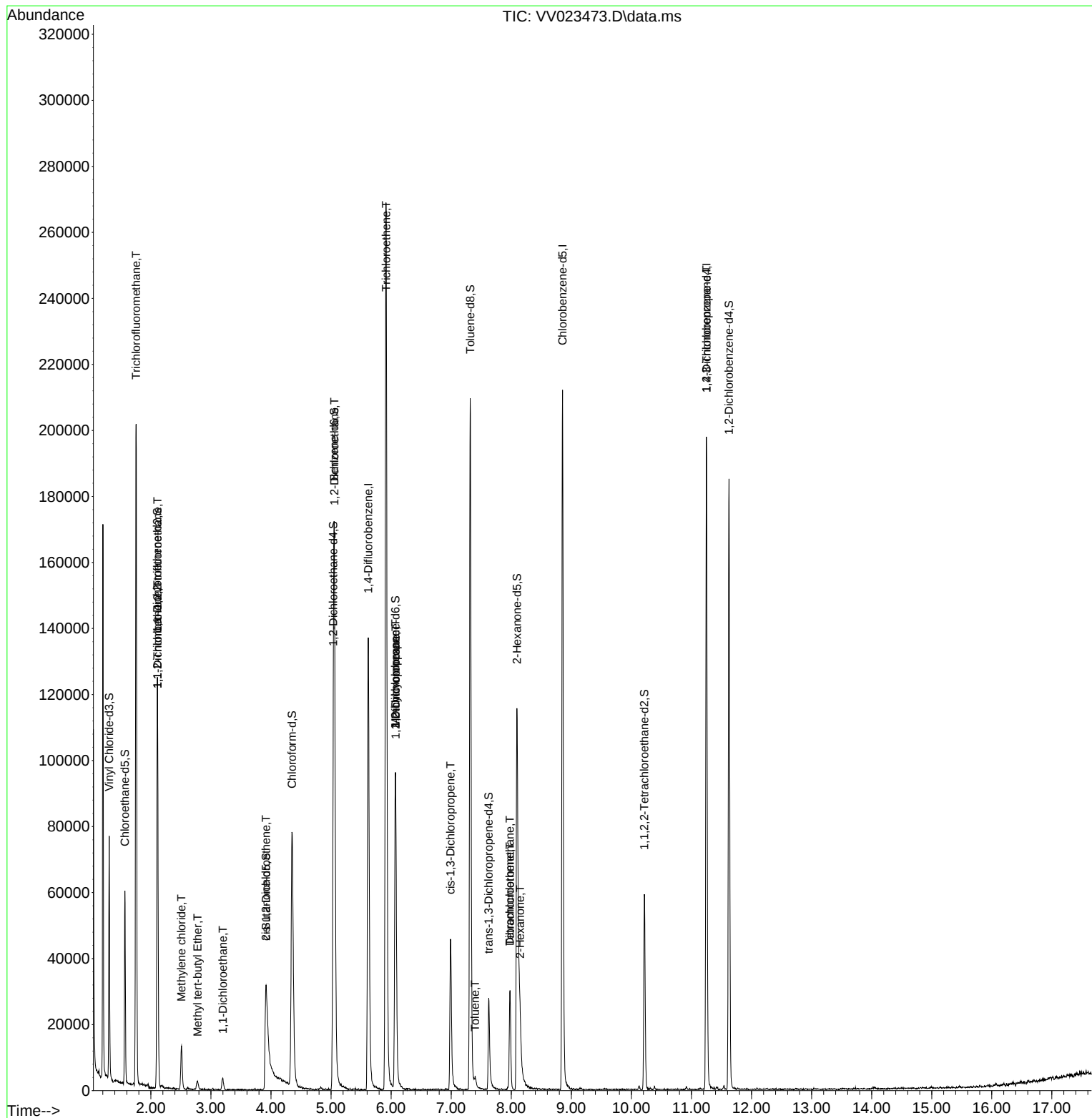
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

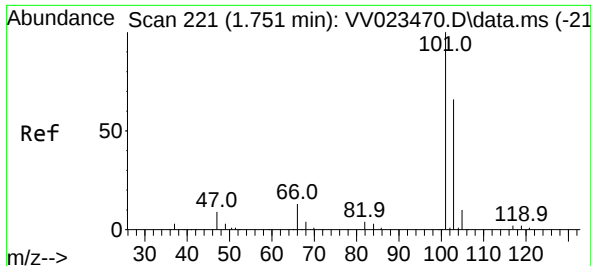
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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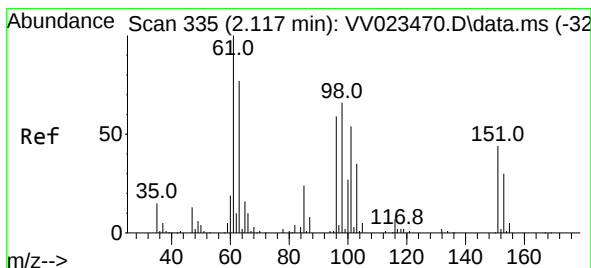
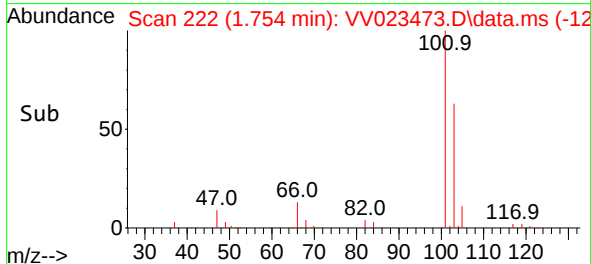
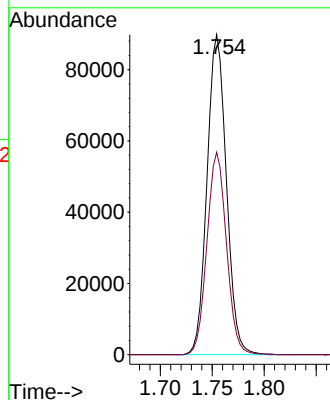
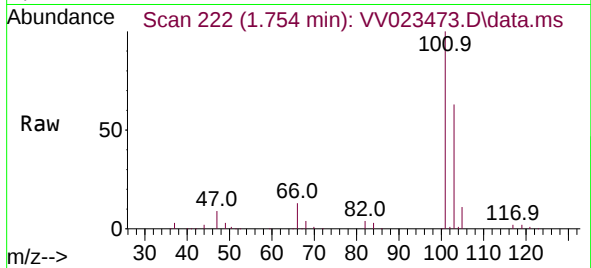




#9
Trichlorofluoromethane
Concen: 7.715 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

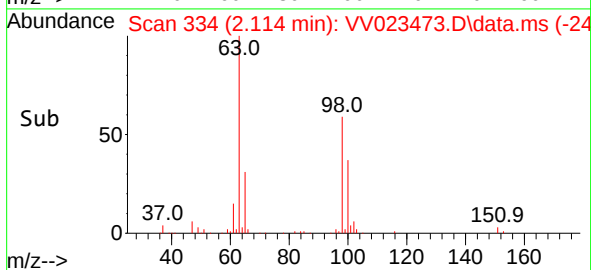
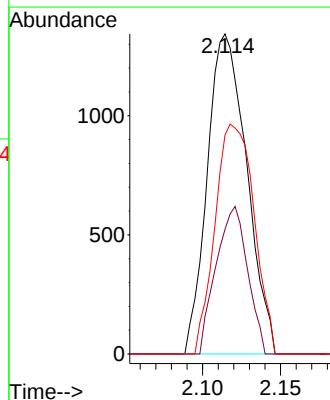
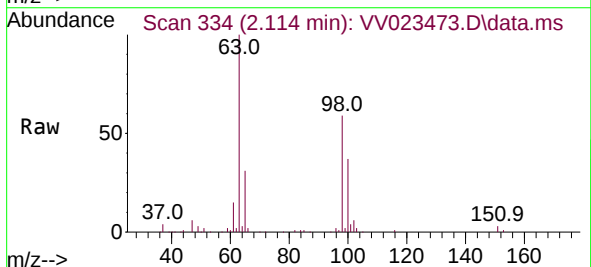
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

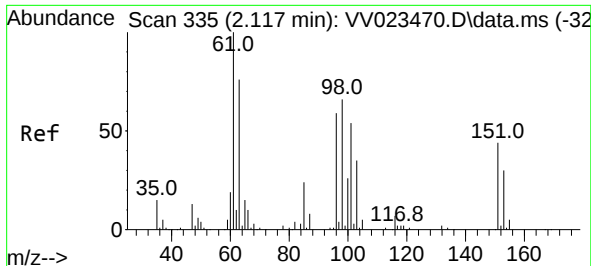
Tgt Ion:101 Resp: 116142
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.311 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion:101 Resp: 2357
Ion Ratio Lower Upper
101 100
85 36.8 35.3 52.9
151 71.2 62.2 93.2





#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

Instrument :

MSVOA_V

ClientSampleId :

BG1X8DL

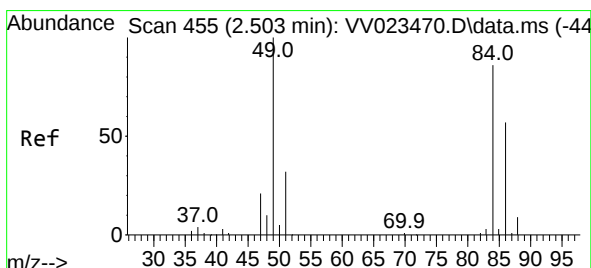
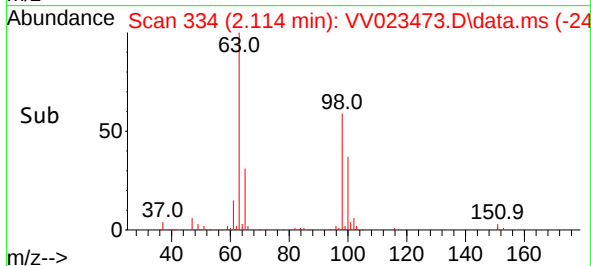
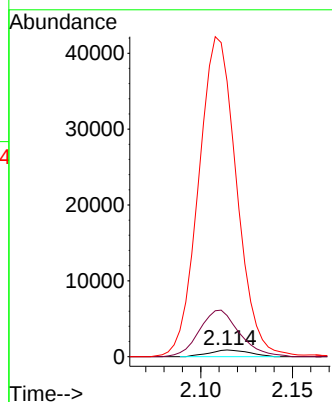
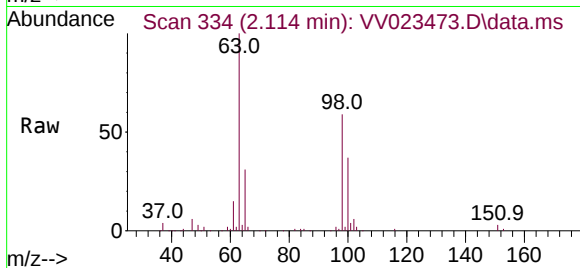
Tgt Ion: 96 Resp: 1339

Ion Ratio Lower Upper

96 100

61 606.5 121.5 225.7#

63 4065.4 99.6 185.0#



#16

Methylene chloride

Concen: 0.539 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.007 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

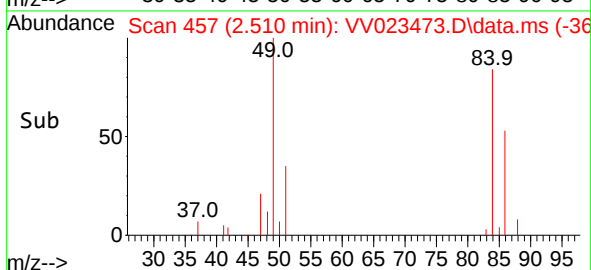
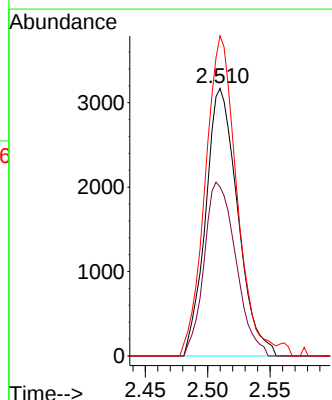
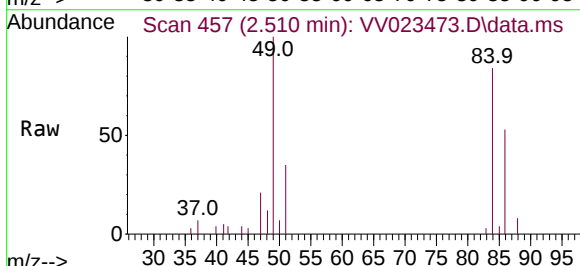
Tgt Ion: 84 Resp: 5674

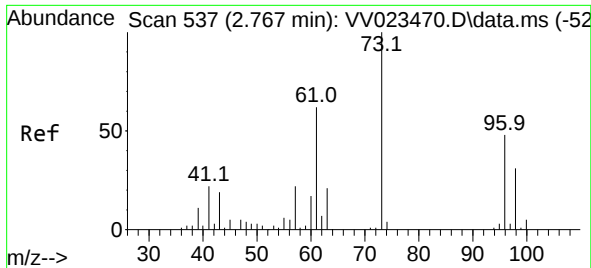
Ion Ratio Lower Upper

84 100

86 63.2 42.3 78.5

49 119.6 79.7 148.1

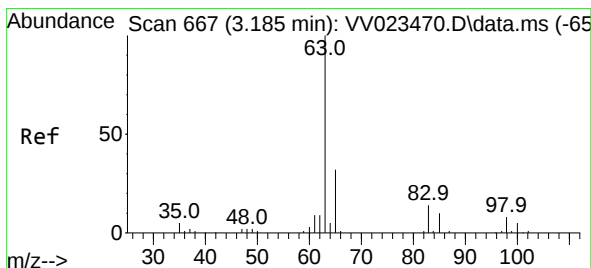
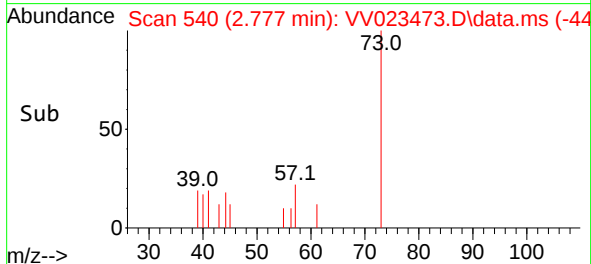
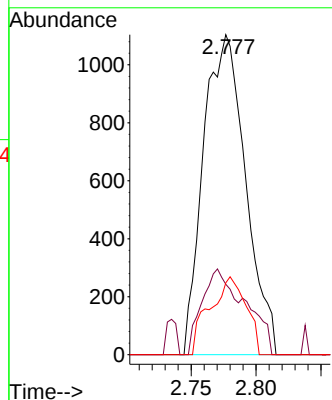
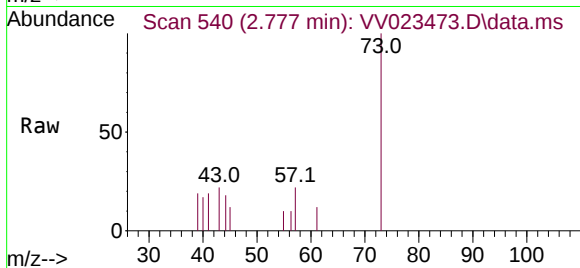




#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

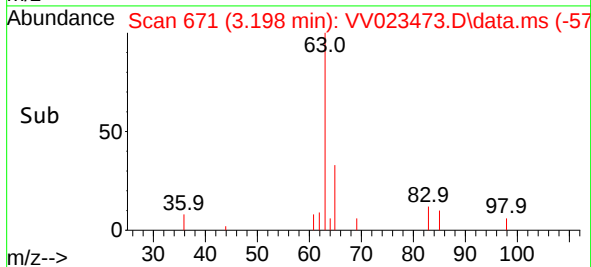
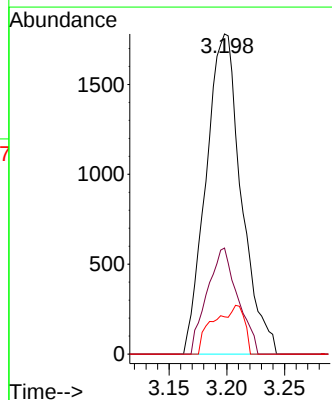
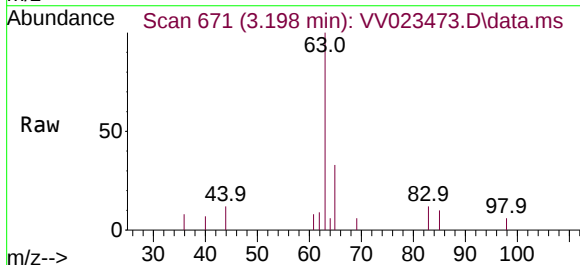
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

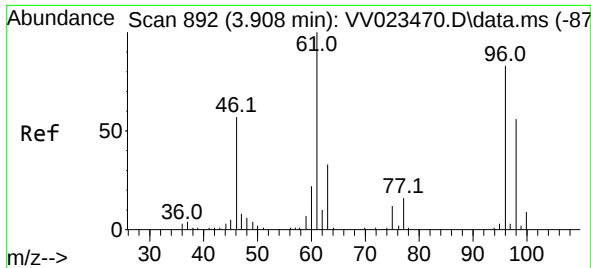
Tgt Ion: 73 Resp: 2491
Ion Ratio Lower Upper
73 100
43 27.6 17.4 26.0#
57 21.0 16.5 24.7



#19
1,1-Dichloroethane
Concen: 0.252 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.013 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion: 63 Resp: 3774
Ion Ratio Lower Upper
63 100
65 33.1 22.6 42.0
83 11.6 11.1 20.7

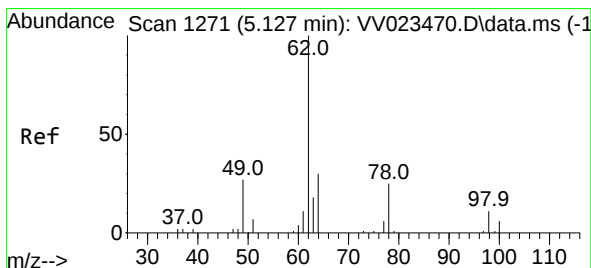
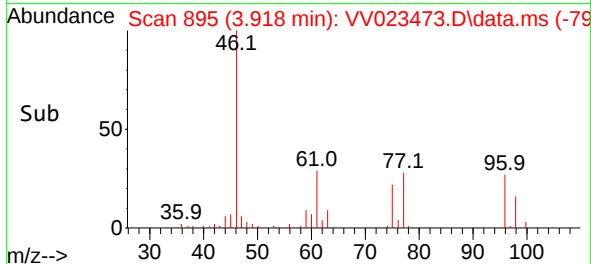
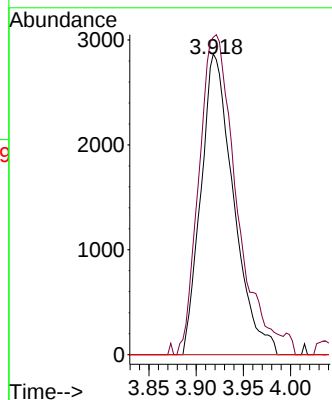
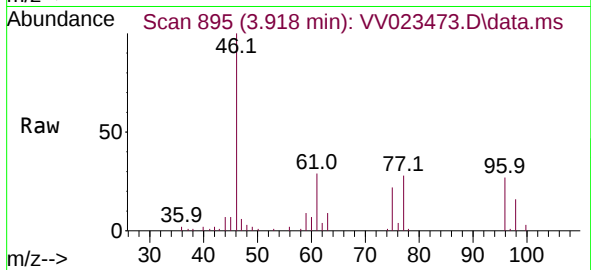




#22
 cis-1,2-Dichloroethene
 Concen: 0.805 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV023473.D
 Acq: 15 Nov 2021 11:32

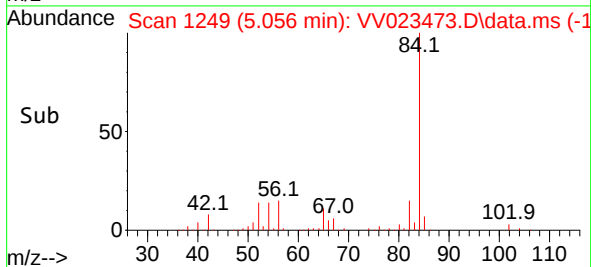
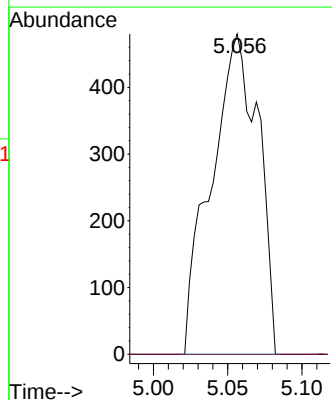
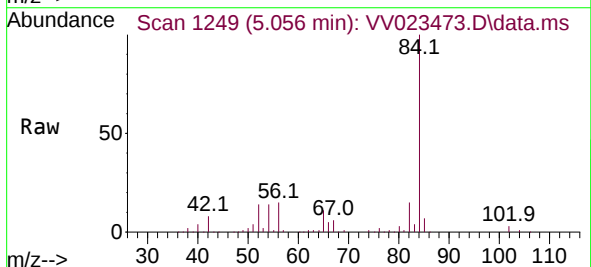
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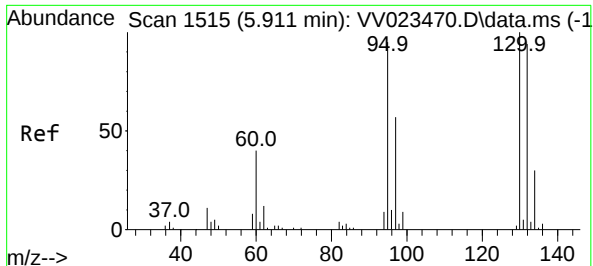
Tgt Ion: 96 Resp: 6871
 Ion Ratio Lower Upper
 96 100
 61 105.5 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.125 ug/L
 RT: 5.056 min Scan# 1249
 Delta R.T. -0.071 min
 Lab File: VV023473.D
 Acq: 15 Nov 2021 11:32

Tgt Ion: 62 Resp: 1060
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

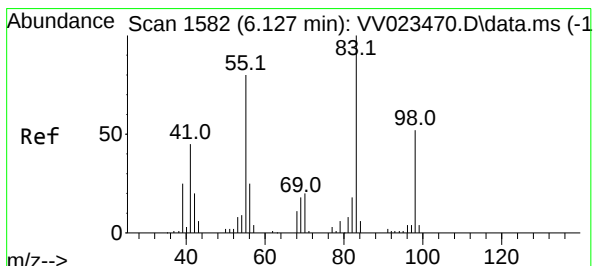
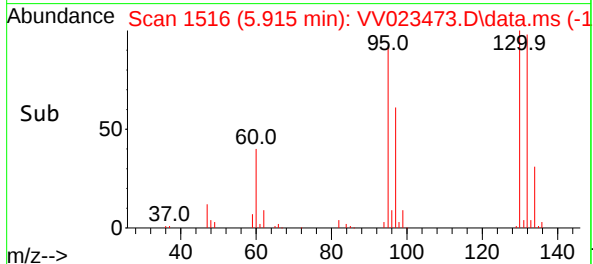
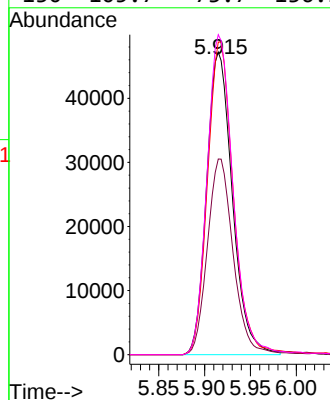
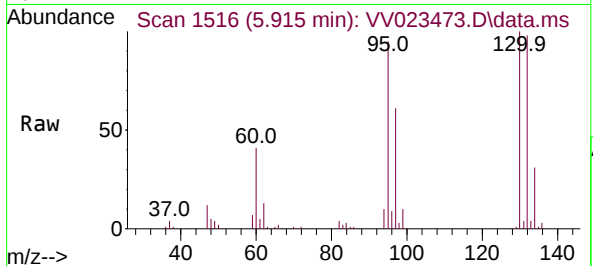




#34
Trichloroethene
Concen: 10.171 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

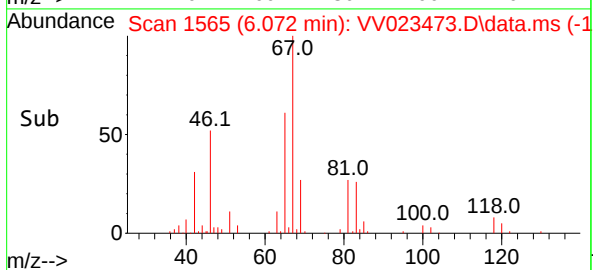
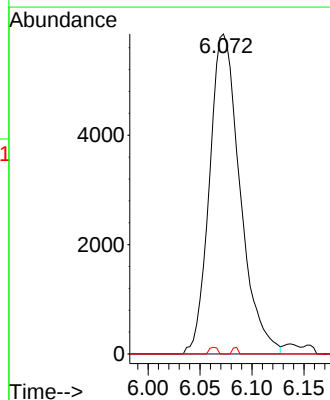
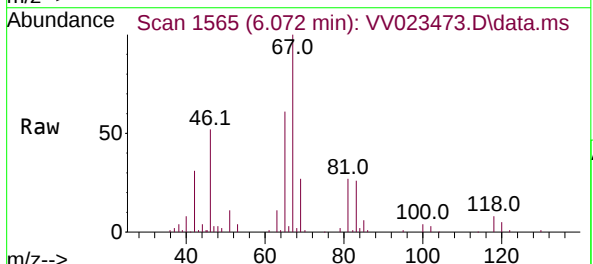
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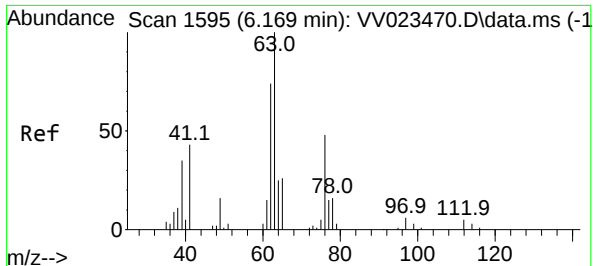
Tgt Ion: 95 Resp: 92273
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 103.3 69.7 129.4
130 105.7 73.7 136.9



#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion: 83 Resp: 11988
Ion Ratio Lower Upper
83 100
55 0.3 62.8 94.2#
98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV023473.D

Acq: 15 Nov 2021 11:32

Instrument :

MSVOA_V

ClientSampleId :

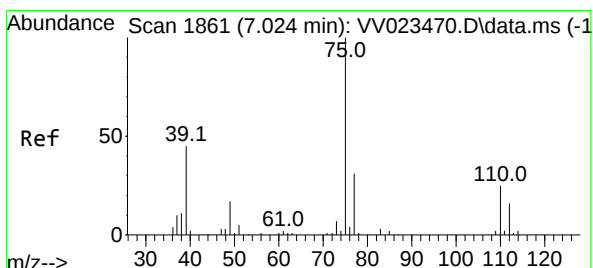
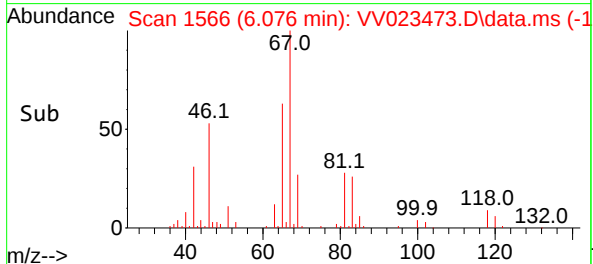
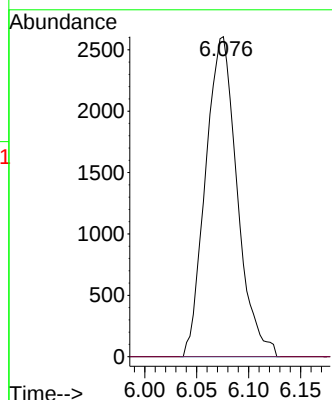
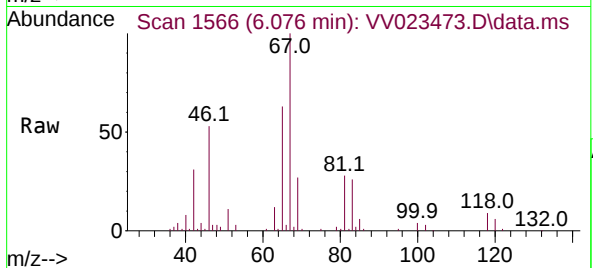
BG1X8DL

Tgt Ion: 63 Resp: 5527

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023473.D

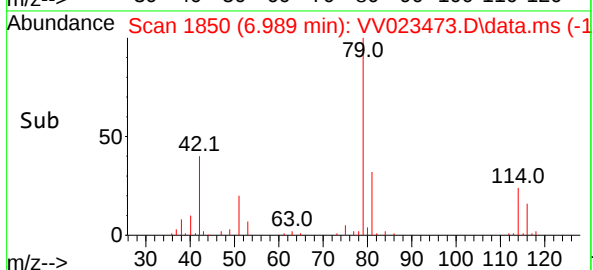
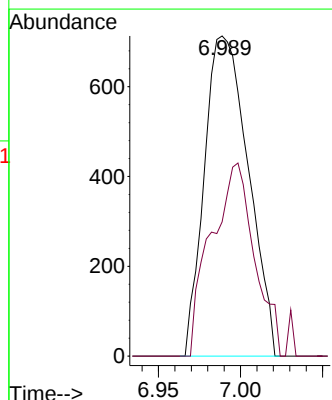
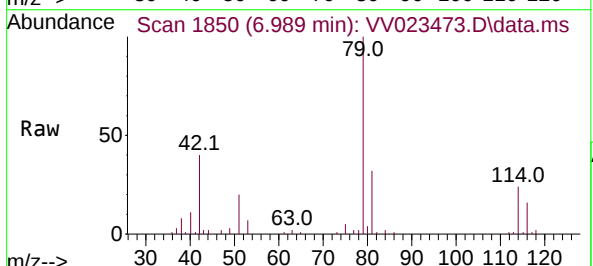
Acq: 15 Nov 2021 11:32

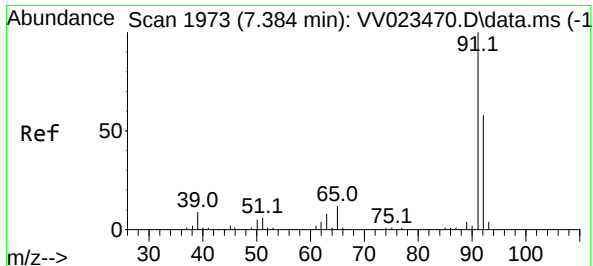
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

77 41.9 21.6 40.2#

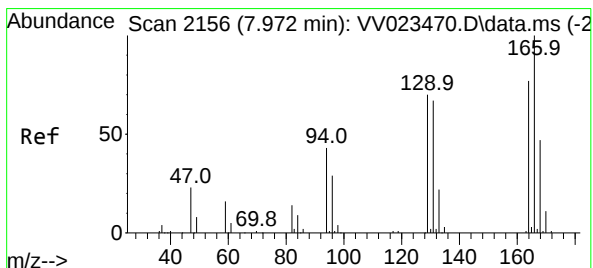
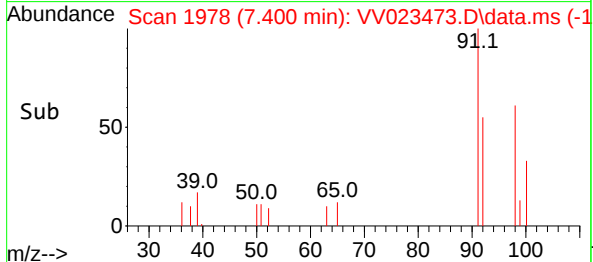
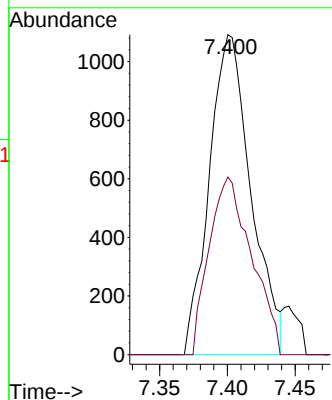
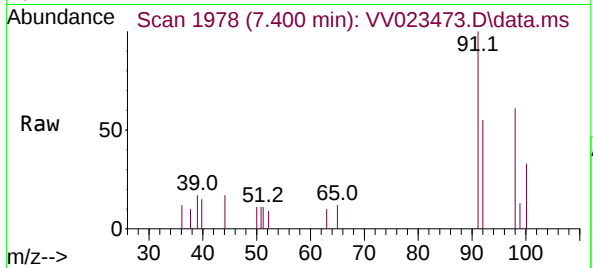




#42
Toluene
Concen: 0.064 ug/L
RT: 7.400 min Scan# 1973
Delta R.T. 0.016 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

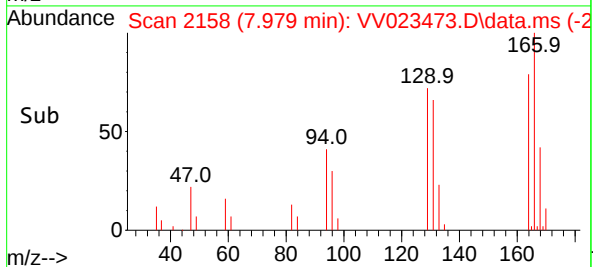
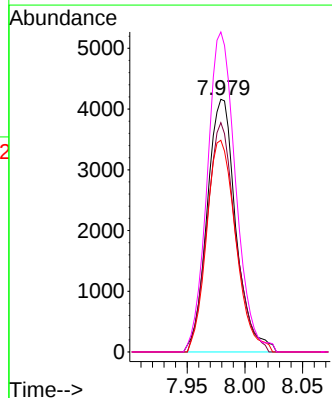
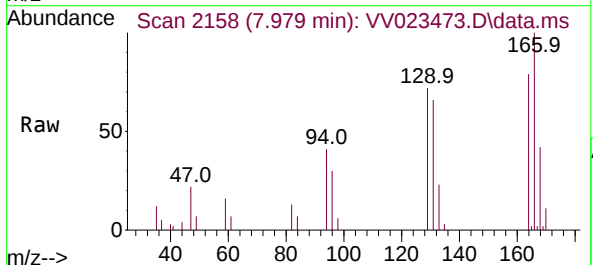
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

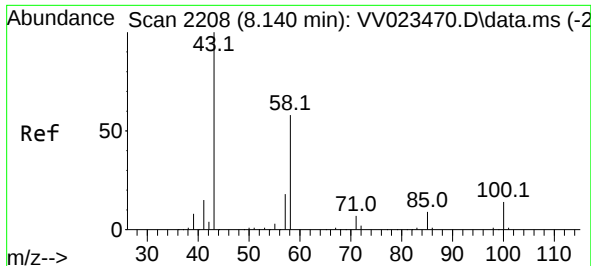
Tgt Ion: 91 Resp: 2340
Ion Ratio Lower Upper
91 100
92 55.5 39.3 72.9



#47
Tetrachloroethene
Concen: 0.916 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion: 164 Resp: 7202
Ion Ratio Lower Upper
164 100
129 90.8 64.0 119.0
131 83.8 63.4 117.8
166 126.7 89.3 165.9

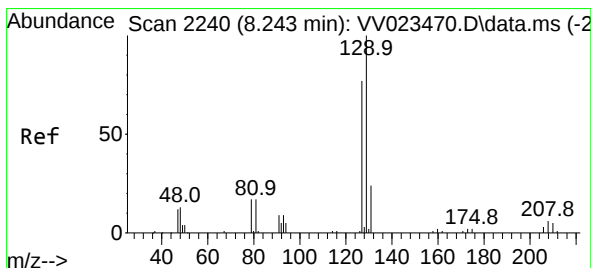
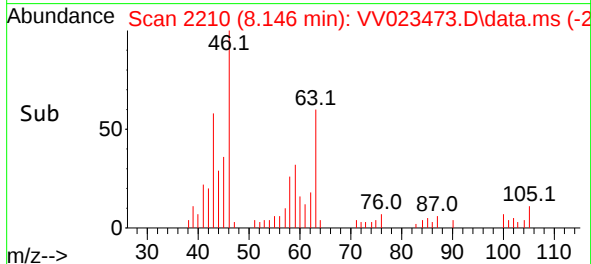
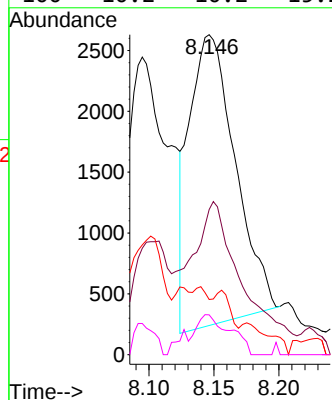
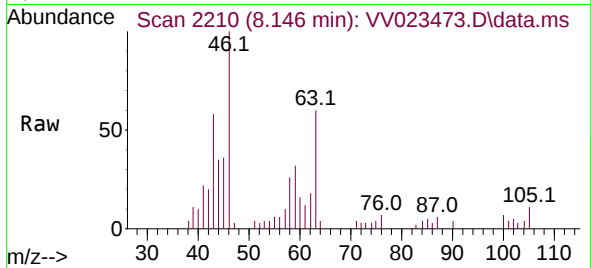




#48
2-Hexanone
Concen: 2.268 ug/L
RT: 8.146 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

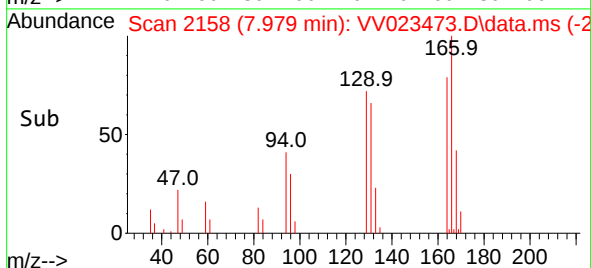
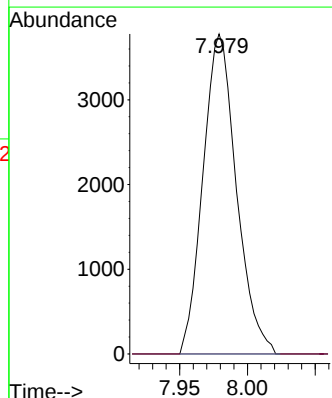
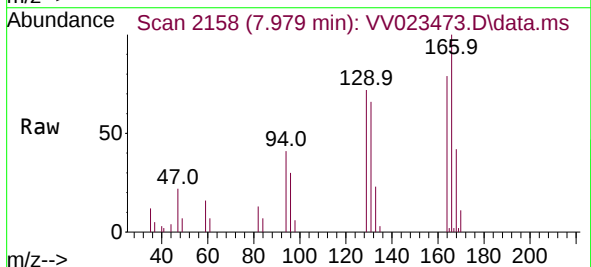
Instrument :
MSVOA_V
ClientSampleId :
BG1X8DL

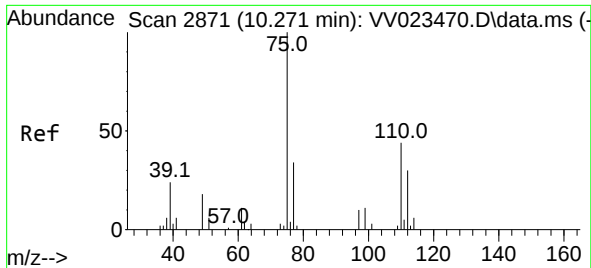
Tgt Ion: 43	Resp: 5870
Ion Ratio	Lower Upper
43 100	
58 57.6	43.7 65.5
57 4.0	14.1 21.1#
100 10.2	10.2 15.2



#49
Dibromochloromethane
Concen: 0.892 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.263 min
Lab File: VV023473.D
Acq: 15 Nov 2021 11:32

Tgt Ion:129	Resp: 6468		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	54.7	101.7#	





#61
 1,2,3-Trichloropropane
 Concen: 1.573 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023473.D
 Acq: 15 Nov 2021 11:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X8DL

Tgt Ion: 75 Resp: 5691
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.6 39.8
 110 3.4 31.8 47.6#

