

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023533.D
 Acq On : 16 Nov 2021 14:46
 Operator : SY/MD
 Sample : M4616-11DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y4DL

Quant Time: Nov 17 00:52:41 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)

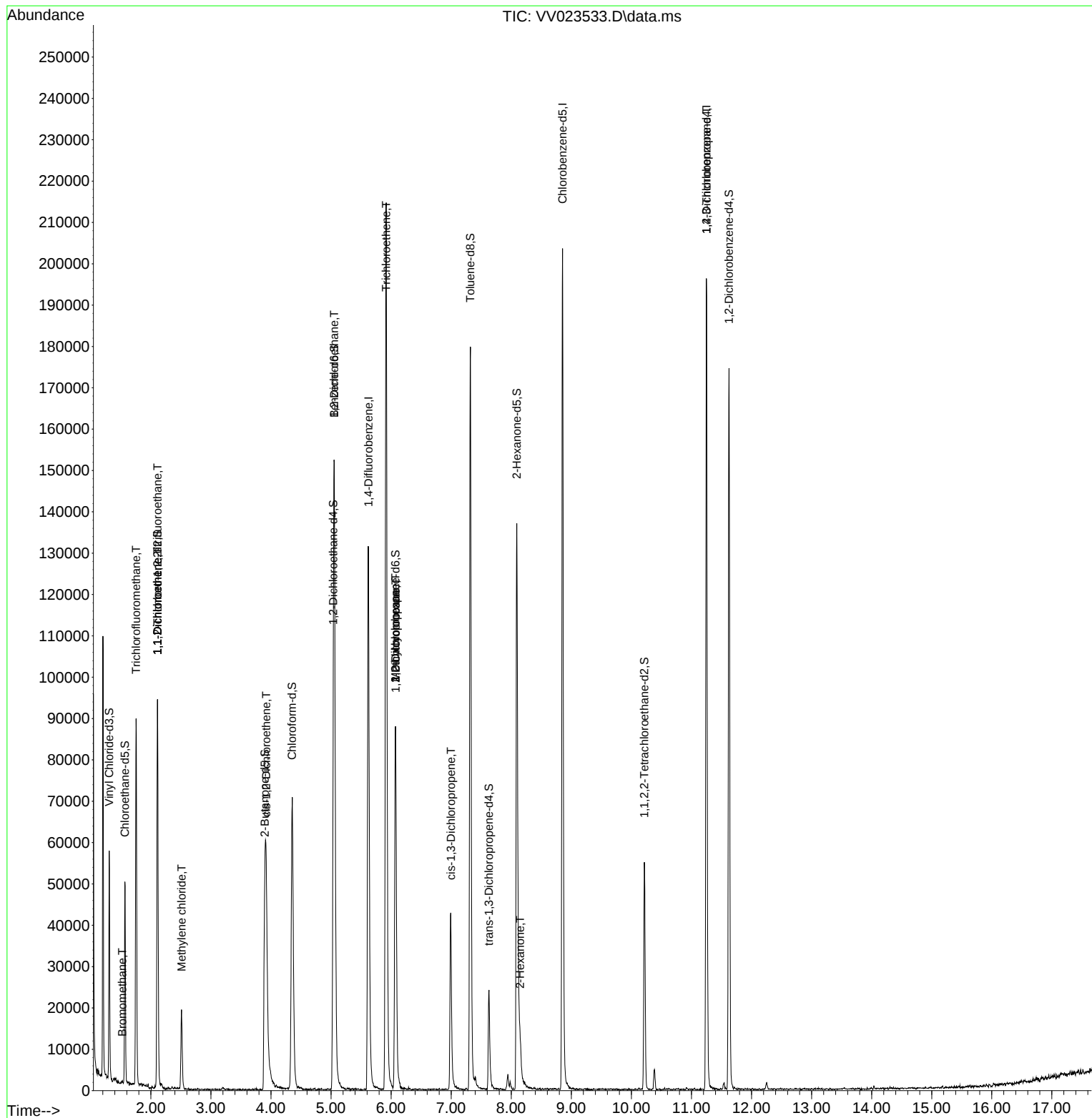
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	117166	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33499	4.564	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	29126	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.111	63	48375	3.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.896	46	68682	54.313	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	4.352	84	72766	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.037	65	35192	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.053	84	138584	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.072	67	41833	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.320	98	121077	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.628	79	14938	4.501	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.091	63	45588	37.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25983	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45911	5.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	283	0.046	ug/L	98
9) Trichlorofluoromethane	1.754	101	50208	3.444	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	982	0.134	ug/L #	58
12) 1,1-Dichloroethene	2.111	96	685	0.098	ug/L #	1
16) Methylene chloride	2.513	84	7134	0.700	ug/L	93
22) cis-1,2-Dichloroethene	3.921	96	19477	2.356	ug/L #	90
27) 1,2-Dichloroethane	5.053	62	519	0.063	ug/L #	72
34) Trichloroethene	5.915	95	70176	8.147	ug/L	96
35) Methylcyclohexane	6.072	83	10329	0.760	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	5007	0.662	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1129	0.104	ug/L #	66
48) 2-Hexanone	8.146	43	7120	2.897	ug/L #	91
61) 1,2,3-Trichloropropane	11.249	75	5536	1.592	ug/L #	65

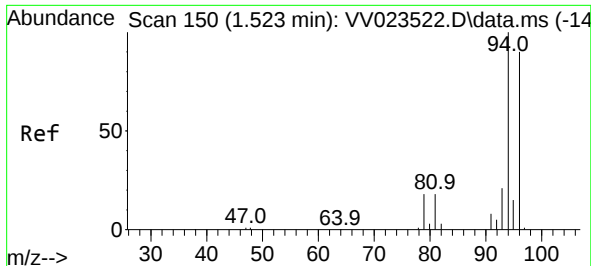
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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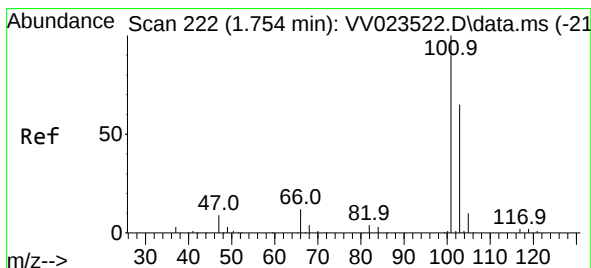
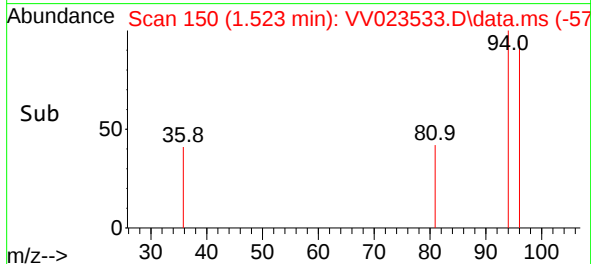
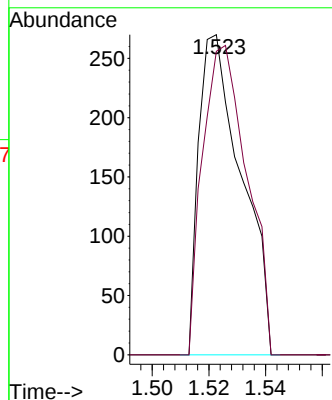
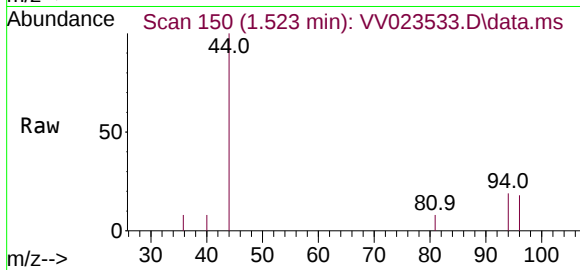




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

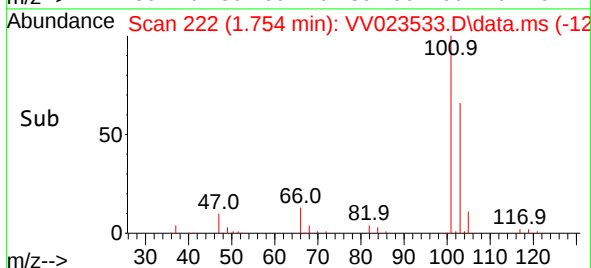
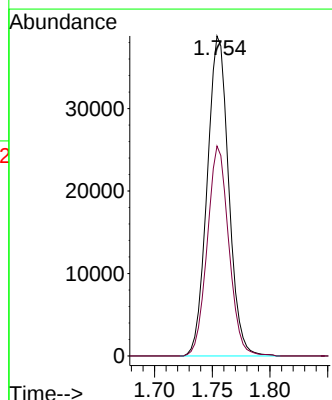
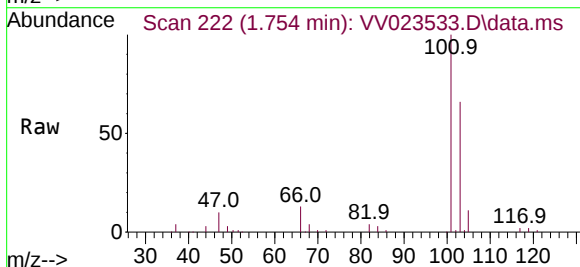
Instrument :
MSVOA_V
ClientSampleId :
BG1Y4DL

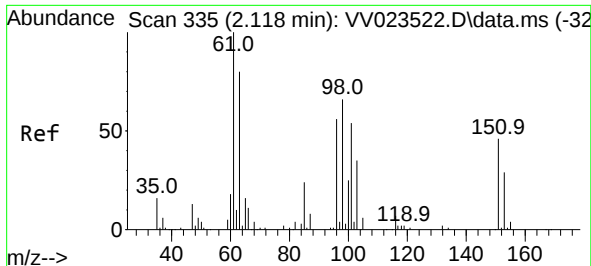
Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 94.8 65.0 120.8



#9
Trichlorofluoromethane
Concen: 3.444 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

Tgt Ion: 101 Resp: 50208
Ion Ratio Lower Upper
101 100
103 65.6 52.6 79.0

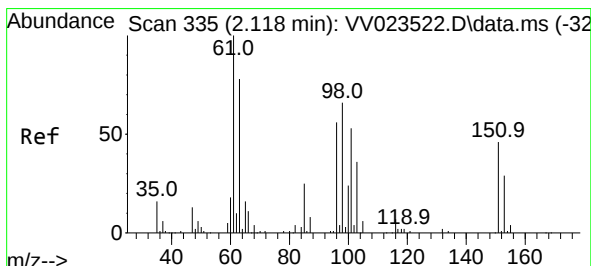
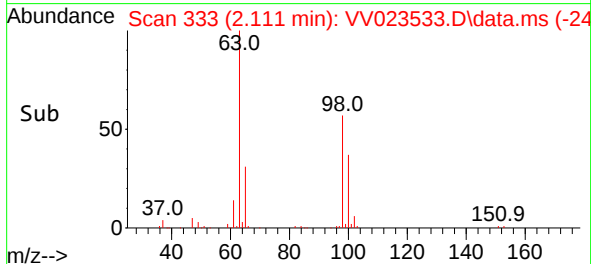
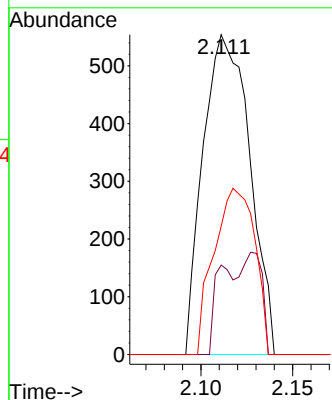
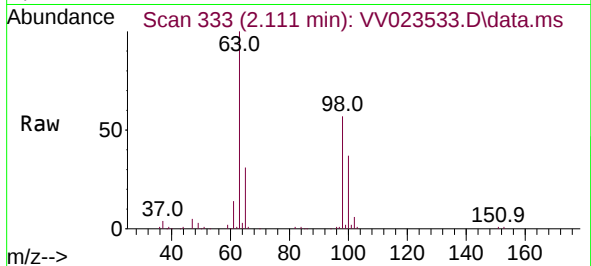




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.134 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023533.D
 Acq: 16 Nov 2021 14:46

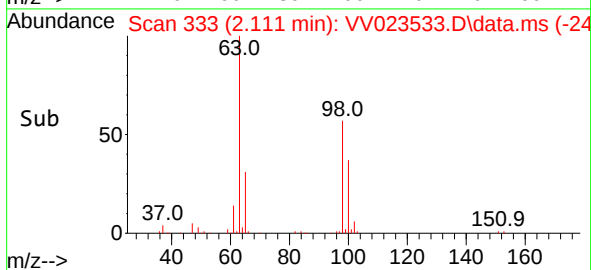
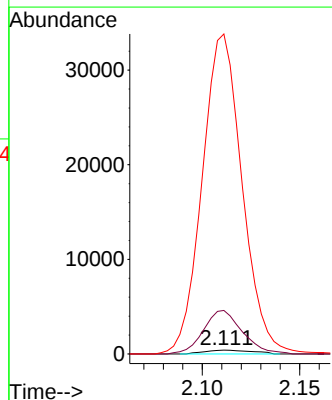
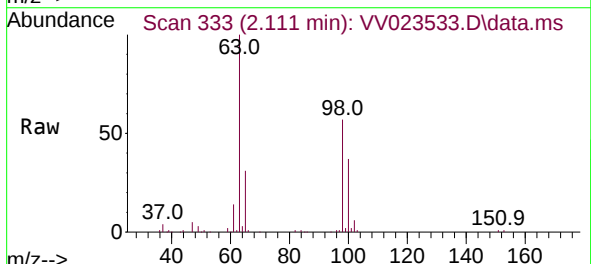
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y4DL

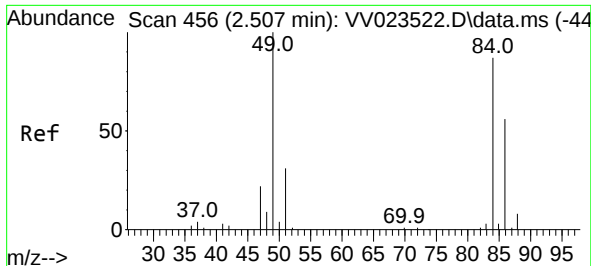
Tgt Ion:101 Resp: 982
 Ion Ratio Lower Upper
 101 100
 85 11.2 35.3 52.9#
 151 45.5 62.2 93.2#



#12
 1,1-Dichloroethene
 Concen: 0.098 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023533.D
 Acq: 16 Nov 2021 14:46

Tgt Ion: 96 Resp: 685
 Ion Ratio Lower Upper
 96 100
 61 1142.4 121.5 225.7#
 63 8393.1 99.6 185.0#

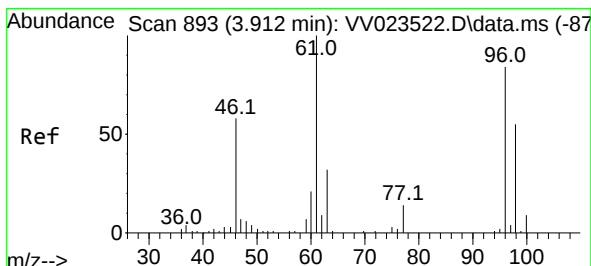
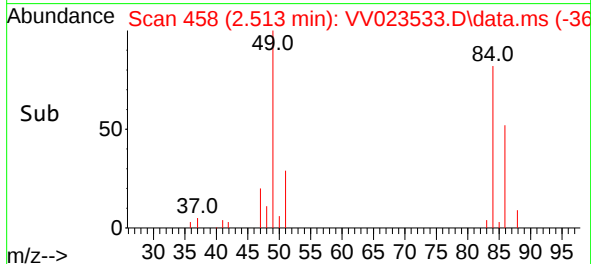
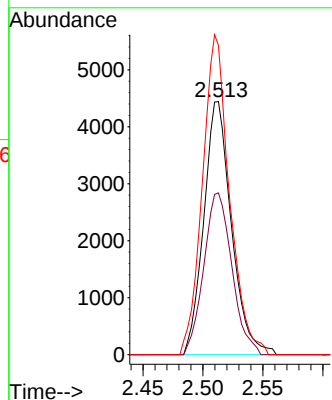
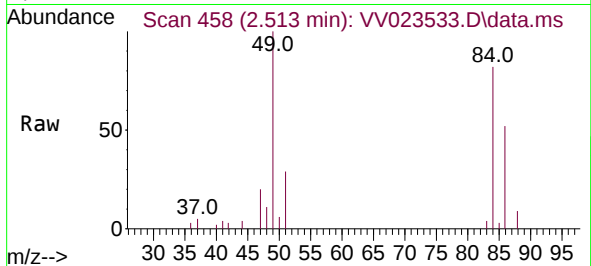




#16
Methylene chloride
Concen: 0.700 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

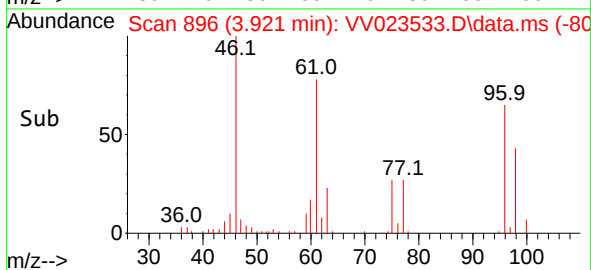
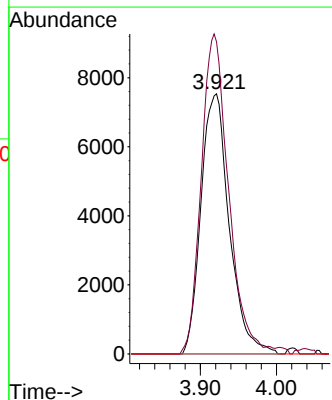
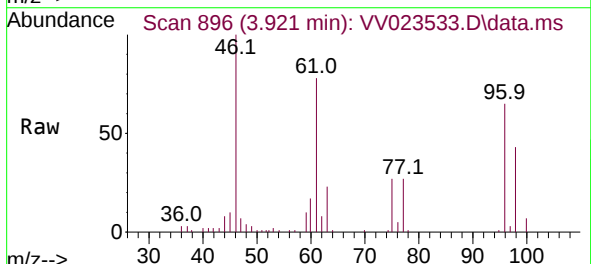
Instrument :
MSVOA_V
ClientSampleId :
BG1Y4DL

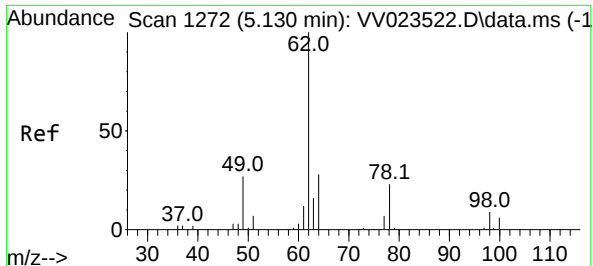
Tgt Ion: 84 Resp: 7134
Ion Ratio Lower Upper
84 100
86 63.9 42.3 78.5
49 122.1 79.7 148.1



#22
cis-1,2-Dichloroethene
Concen: 2.356 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

Tgt Ion: 96 Resp: 19477
Ion Ratio Lower Upper
96 100
61 120.0 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.063 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023533.D

Acq: 16 Nov 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

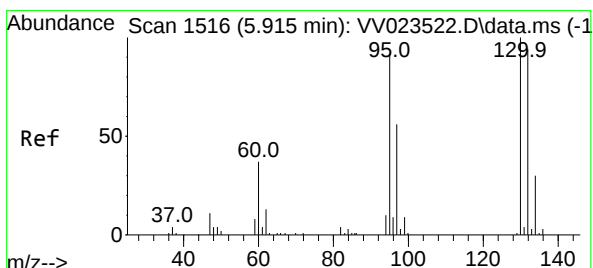
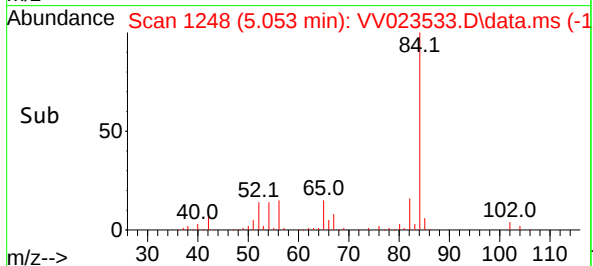
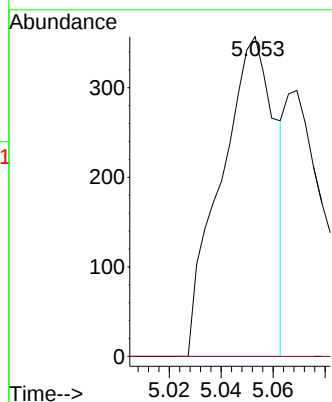
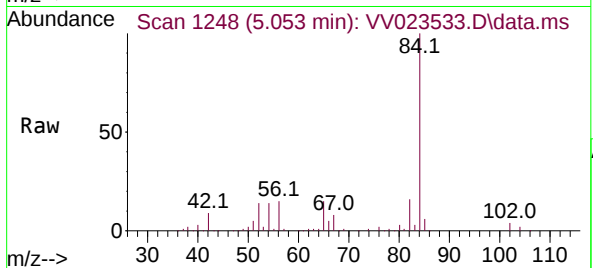
BG1Y4DL

Tgt Ion: 62 Resp: 519

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 8.147 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023533.D

Acq: 16 Nov 2021 14:46

Tgt Ion: 95 Resp: 70176

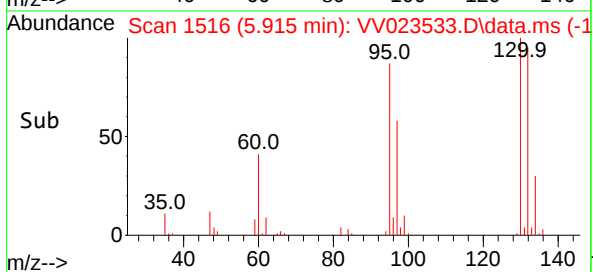
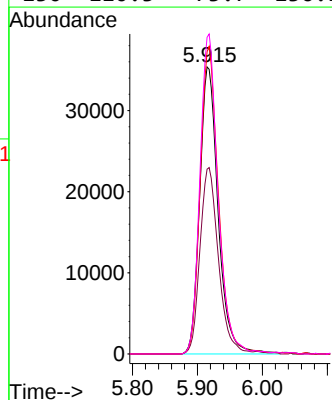
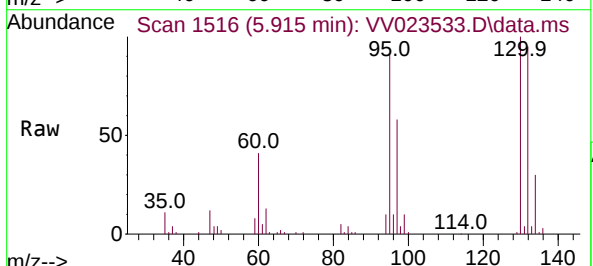
Ion Ratio Lower Upper

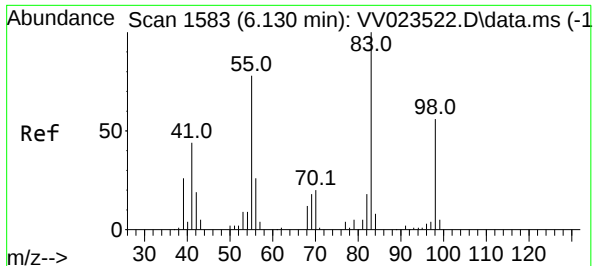
95 100

97 64.4 45.0 83.6

132 105.3 69.7 129.4

130 110.3 73.7 136.9

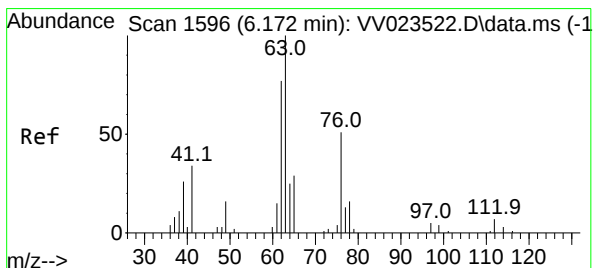
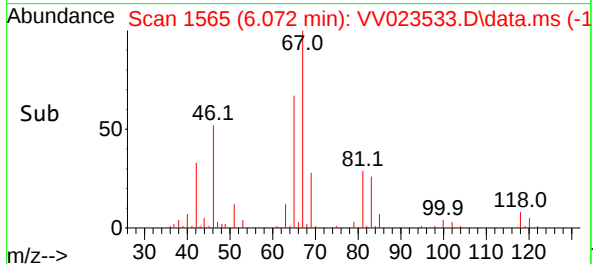
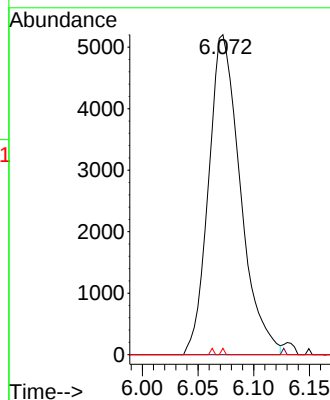
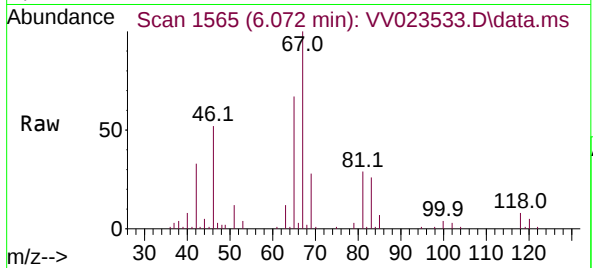




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

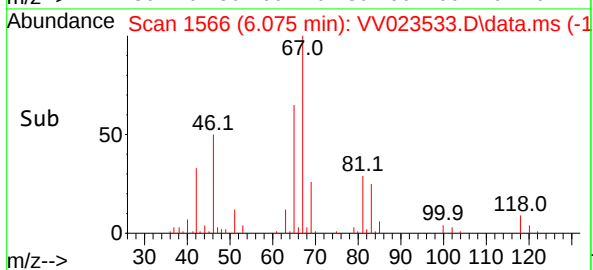
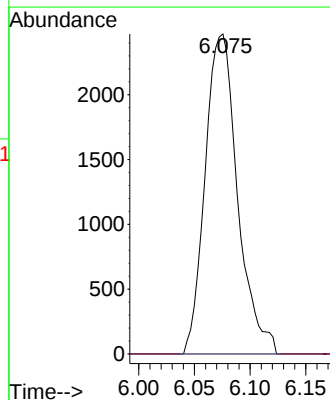
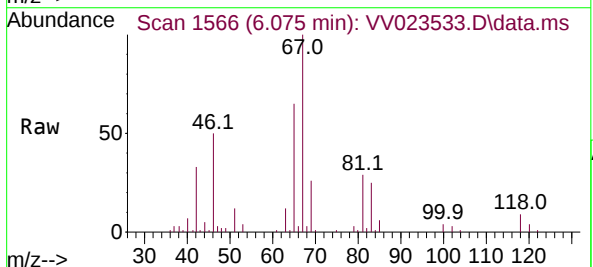
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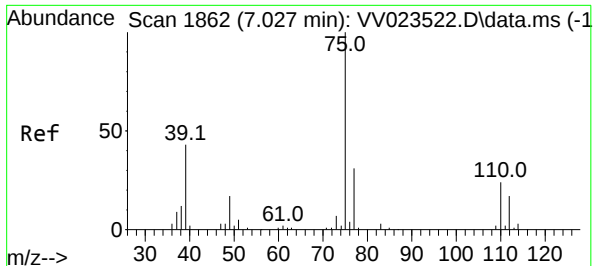
Tgt Ion: 83 Resp: 10329
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV023533.D
Acq: 16 Nov 2021 14:46

Tgt Ion: 63 Resp: 5007
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV023533.D

Acq: 16 Nov 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

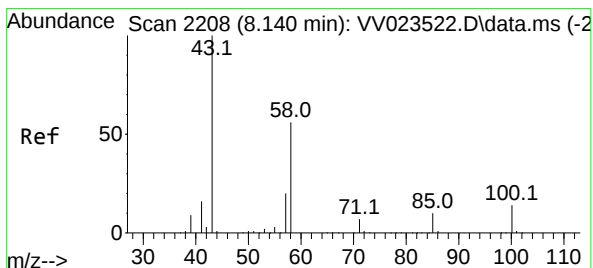
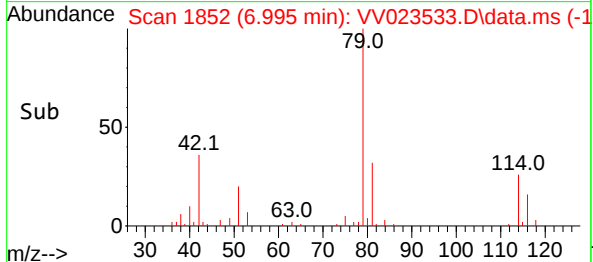
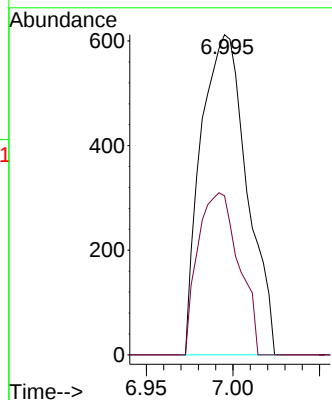
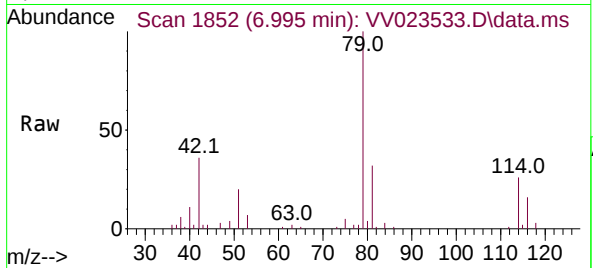
BG1Y4DL

Tgt Ion: 75 Resp: 1129

Ion Ratio Lower Upper

75 100

77 49.7 21.6 40.2#



#48

2-Hexanone

Concen: 2.897 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023533.D

Acq: 16 Nov 2021 14:46

Tgt Ion: 43 Resp: 7120

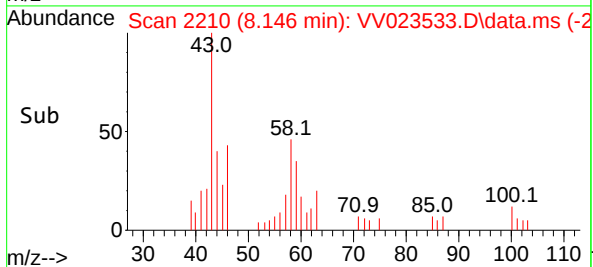
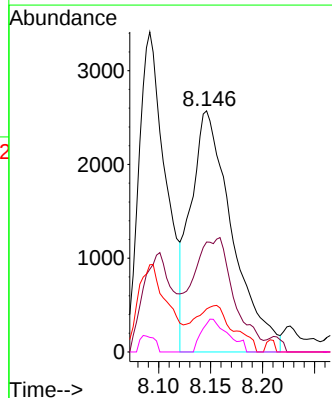
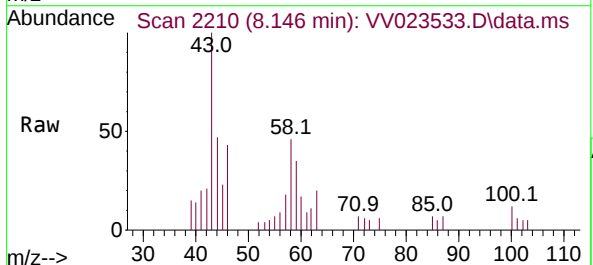
Ion Ratio Lower Upper

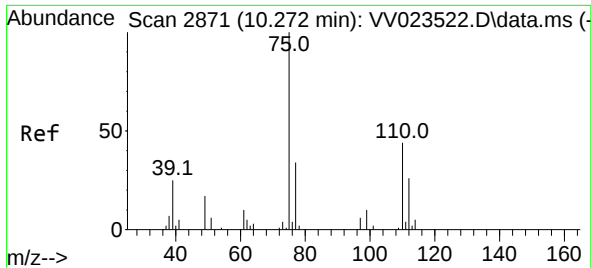
43 100

58 45.9 43.7 65.5

57 17.6 14.1 21.1

100 8.7 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.592 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023533.D

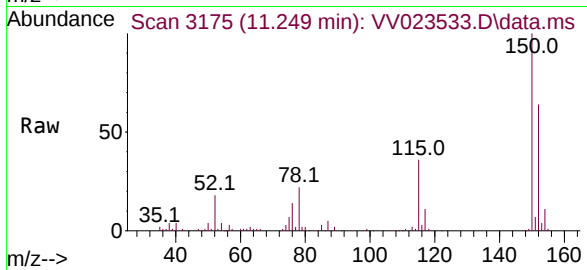
Acq: 16 Nov 2021 14:46

Instrument :

MSVOA_V

ClientSampleId :

BG1Y4DL



Tgt Ion: 75 Resp: 5536

Ion Ratio Lower Upper

75 100

77 36.3 26.6 39.8

110 3.3 31.8 47.6#

