

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023482.D
 Acq On : 15 Nov 2021 15:07
 Operator : SY/MD
 Sample : M4616-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Z0

Quant Time: Nov 16 00:32:50 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	120056	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54424	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41360	5.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.000%
7) Chloroethane-d5	1.568	69	33560	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.108	63	56661	4.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.896	46	69363	53.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.349	84	75263	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	35961	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	148429	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.069	67	44880	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	128034	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.629	79	16112	4.745	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.088	63	43796	35.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26241	4.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48300	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%

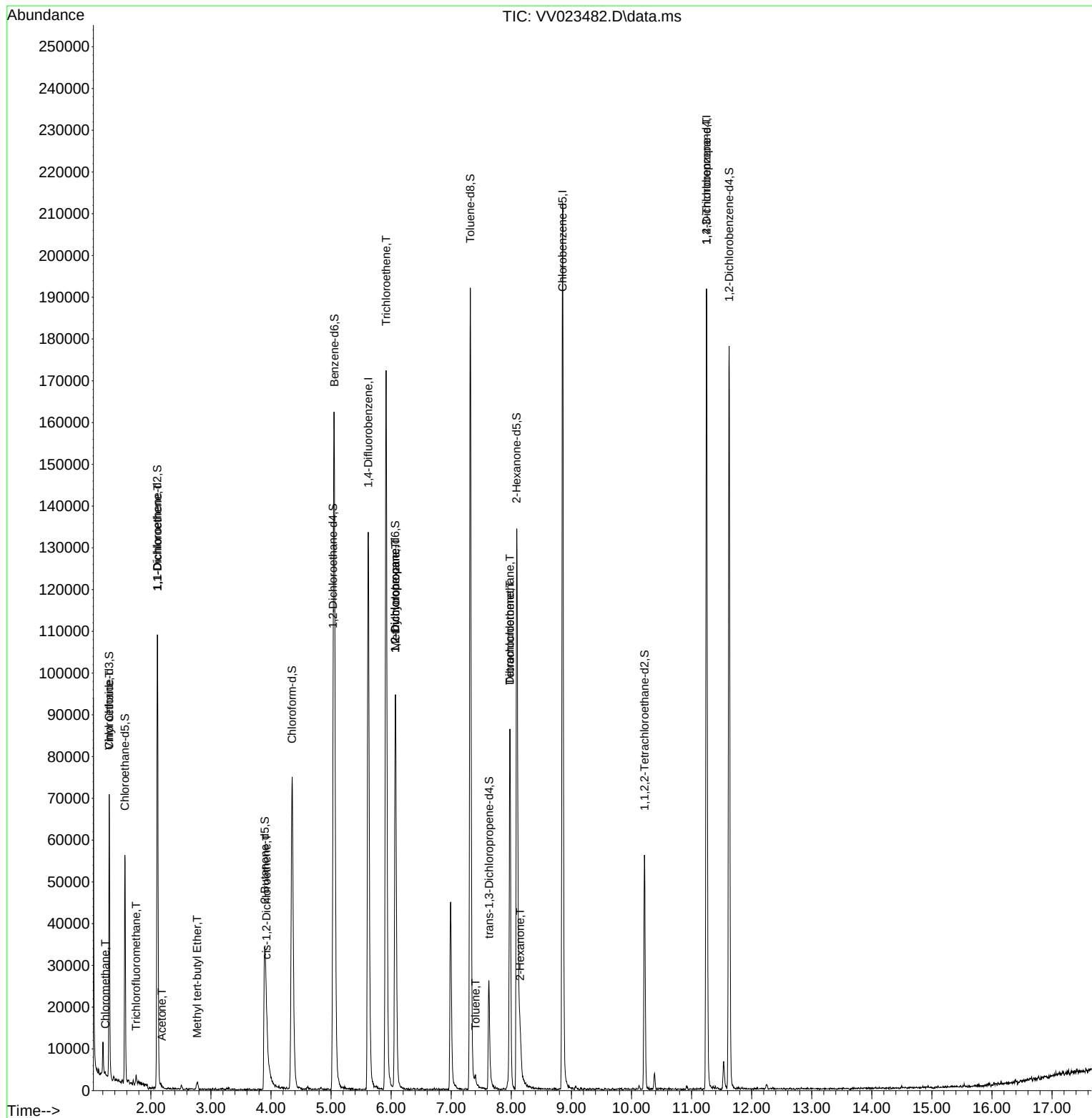
Target Compounds				Qvalue		
3) Chloromethane	1.243	50	540	0.054	ug/L #	76
8) Chloroethane	1.307	64	568	0.099	ug/L #	1
9) Trichlorofluoromethane	1.754	101	1155	0.077	ug/L	85
12) 1,1-Dichloroethene	2.111	96	559	0.078	ug/L #	1
13) Acetone	2.182	43	893	1.128	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	1776	0.113	ug/L	94
22) cis-1,2-Dichloroethene	3.925	96	1516	0.179	ug/L #	94
34) Trichloroethene	5.915	95	58701	6.661	ug/L	98
35) Methylcyclohexane	6.072	83	11404	0.820	ug/L #	31
37) 1,2-Dichloropropane	6.069	63	5210	0.673	ug/L #	83
42) Toluene	7.403	91	2284	0.064	ug/L	98
47) Tetrachloroethene	7.976	164	19287	2.525	ug/L	97
48) 2-Hexanone	8.146	43	7203	2.865	ug/L	89
49) Dibromochloromethane	7.976	129	18173	2.580	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5443	1.506	ug/L #	67

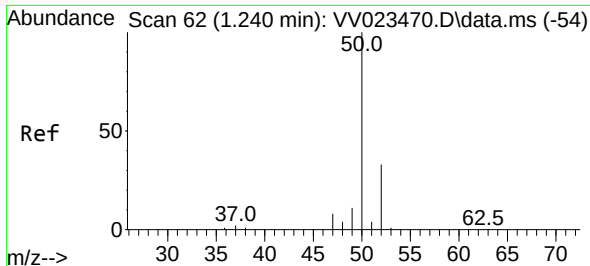
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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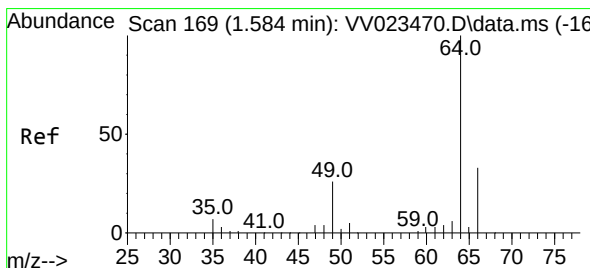
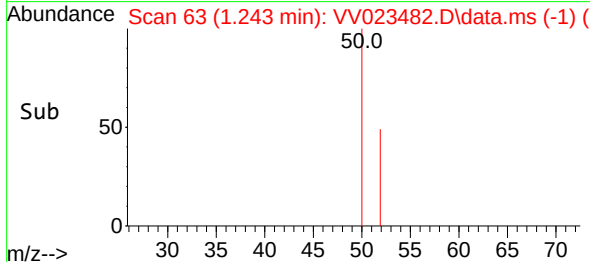
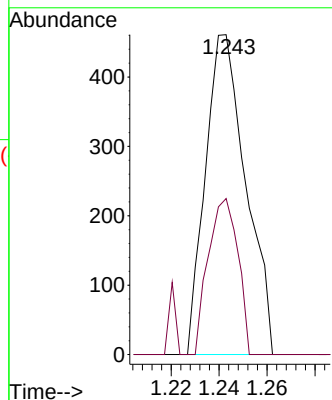
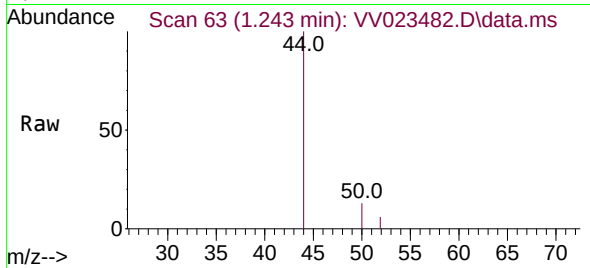




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

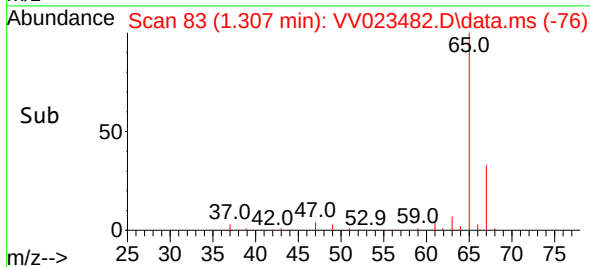
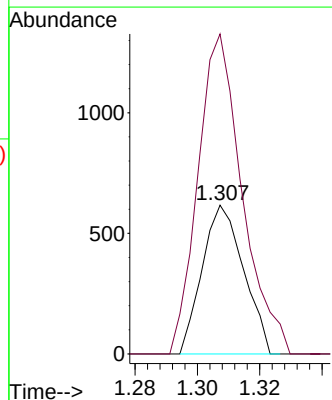
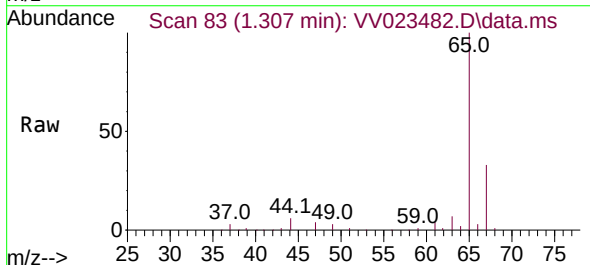
Instrument :
MSVOA_V
ClientSampleId :
BG1Z0

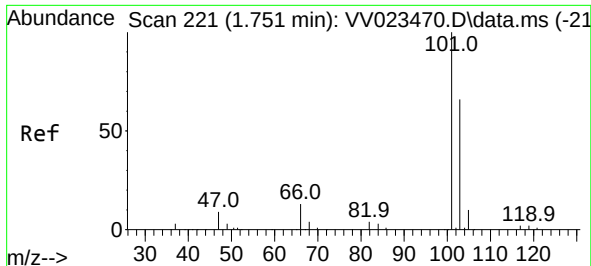
Tgt Ion: 50 Resp: 540
Ion Ratio Lower Upper
50 100
52 48.8 24.3 45.1#



#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

Tgt Ion: 64 Resp: 568
Ion Ratio Lower Upper
64 100
66 215.1 22.1 41.1#

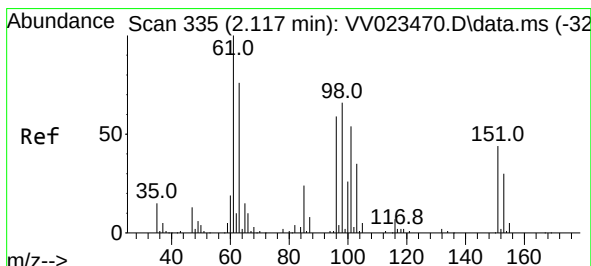
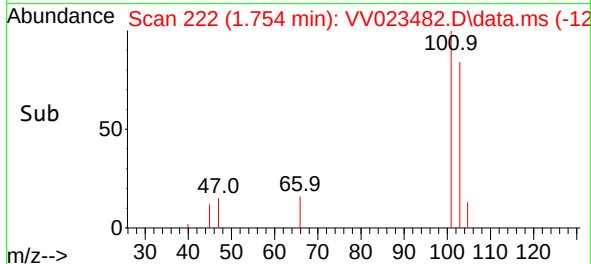
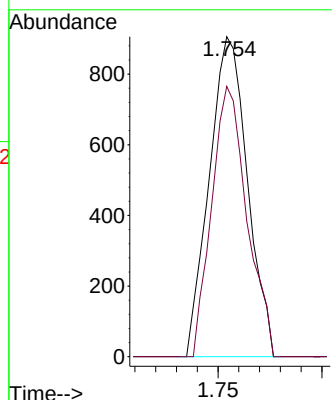
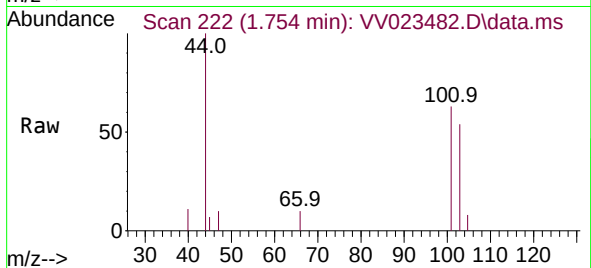




#9
Trichlorofluoromethane
Concen: 0.077 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

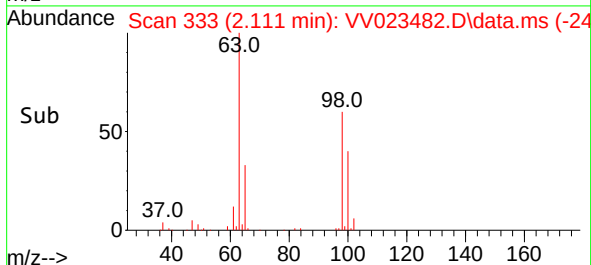
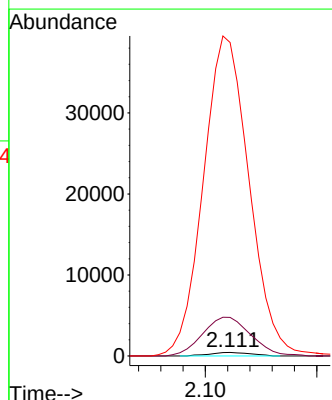
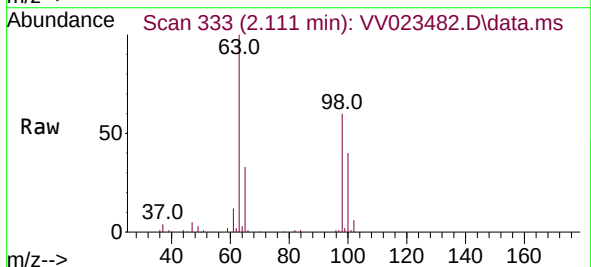
Instrument :
MSVOA_V
ClientSampleId :
BG1Z0

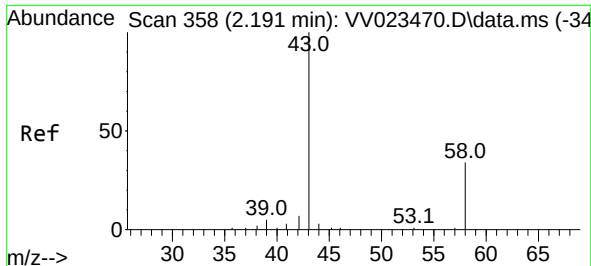
Tgt Ion:101 Resp: 1155
Ion Ratio Lower Upper
101 100
103 78.1 52.6 79.0



#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

Tgt Ion: 96 Resp: 559
Ion Ratio Lower Upper
96 100
61 1090.6 121.5 225.7#
63 8856.8 99.6 185.0#





#13

Acetone

Concen: 1.128 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Instrument :

MSVOA_V

ClientSampleId :

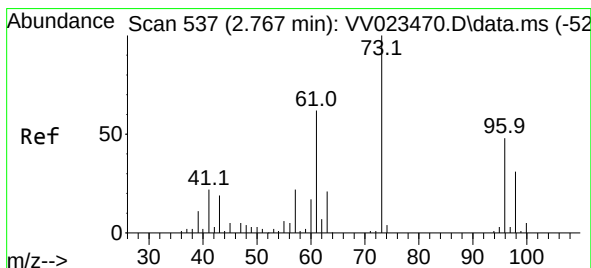
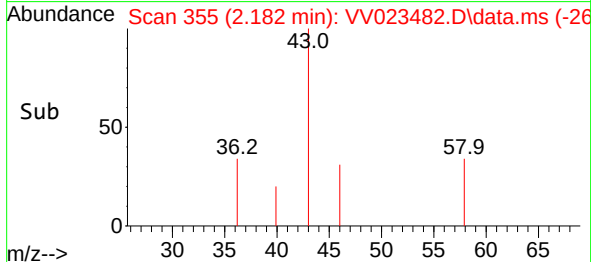
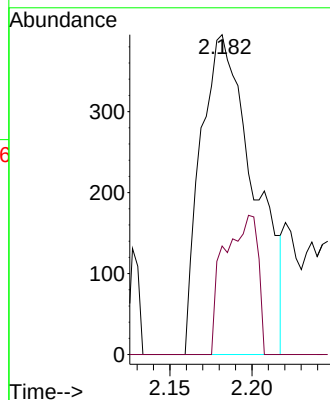
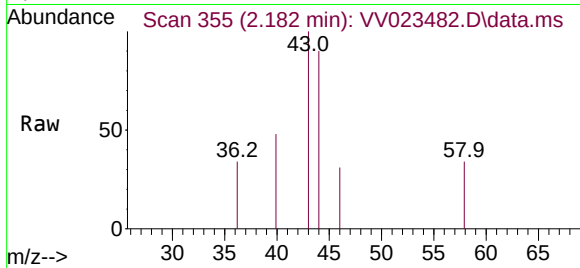
BG1Z0

Tgt Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.113 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

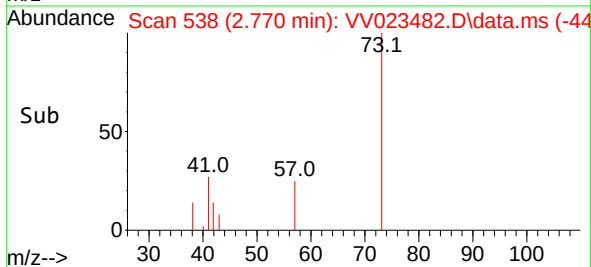
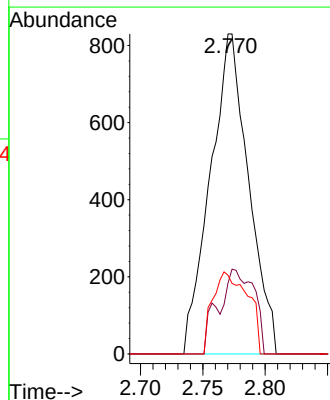
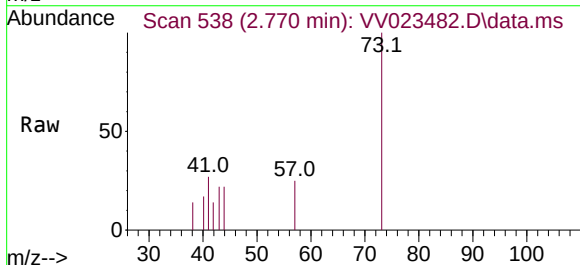
Tgt Ion: 73 Resp: 1776

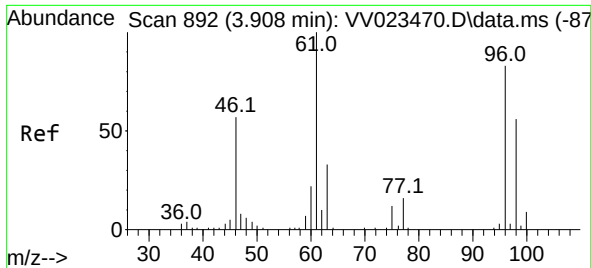
Ion Ratio Lower Upper

73 100

43 19.2 17.4 26.0

57 23.4 16.5 24.7

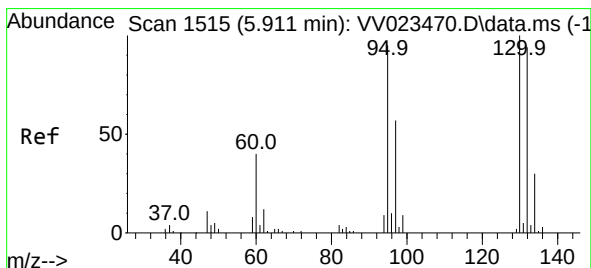
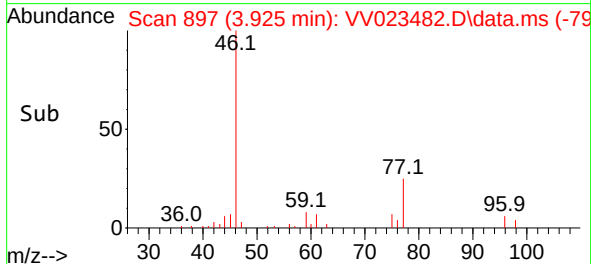
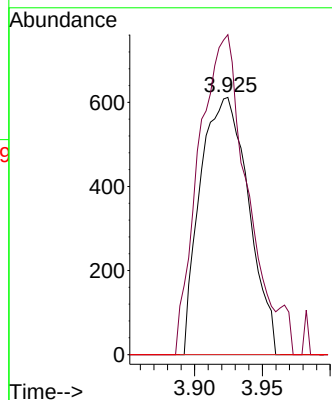
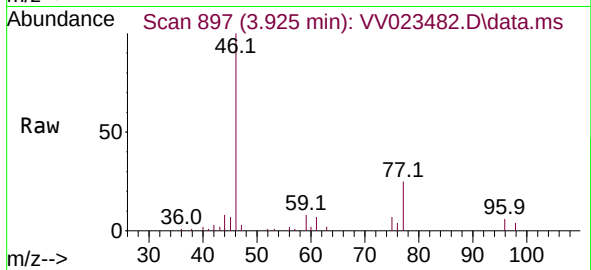




#22
 cis-1,2-Dichloroethene
 Concen: 0.179 ug/L
 RT: 3.925 min Scan# 89
 Delta R.T. 0.016 min
 Lab File: VV023482.D
 Acq: 15 Nov 2021 15:07

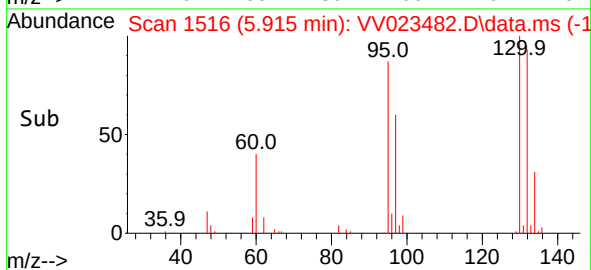
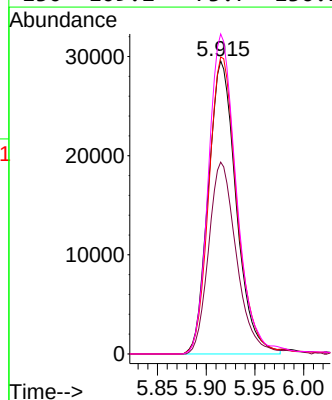
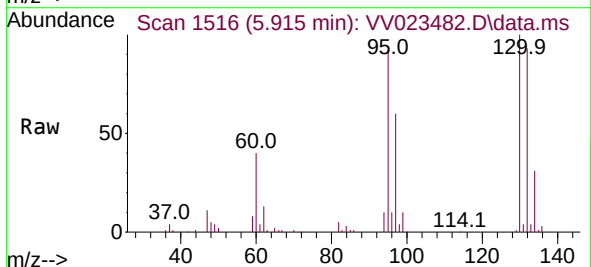
Instrument :
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 ClientSampleId :
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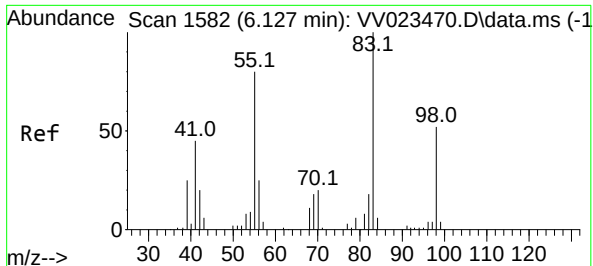
Tgt Ion: 96 Resp: 1516
 Ion Ratio Lower Upper
 96 100
 61 124.3 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 6.661 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV023482.D
 Acq: 15 Nov 2021 15:07

Tgt Ion: 95 Resp: 58701
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.0 83.6
 132 101.3 69.7 129.4
 130 109.2 73.7 136.9





#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Instrument :

MSVOA_V

ClientSampleId :

BG1Z0

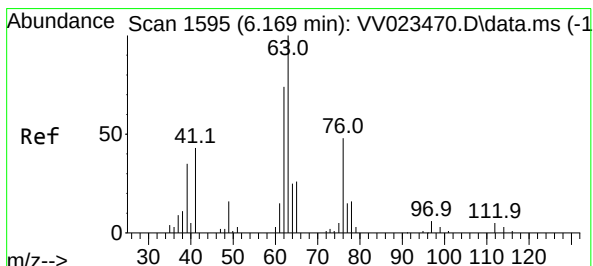
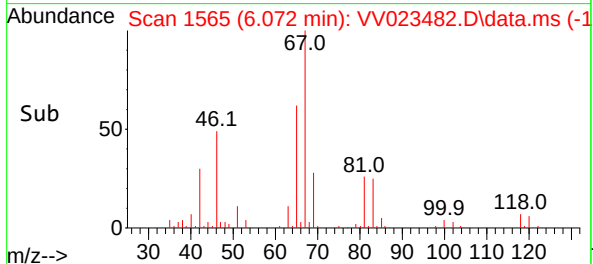
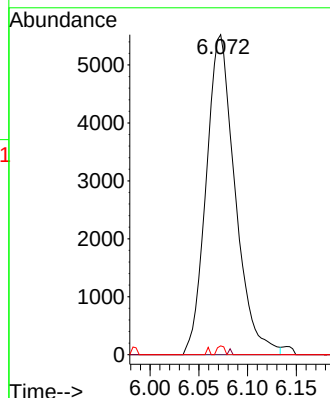
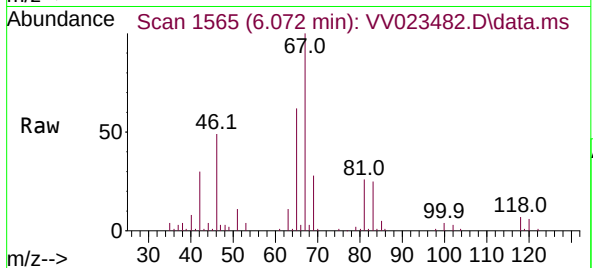
Tgt Ion: 83 Resp: 11404

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 23.4 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023482.D

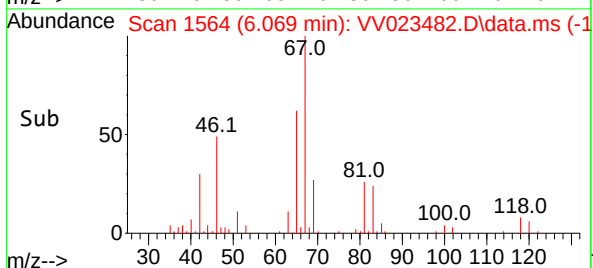
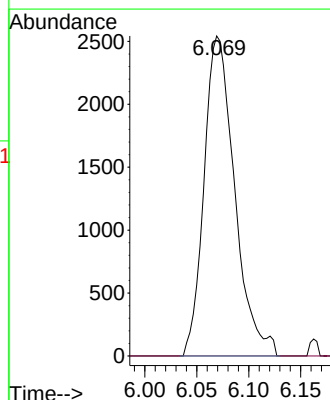
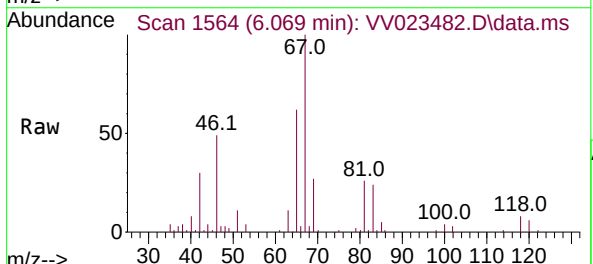
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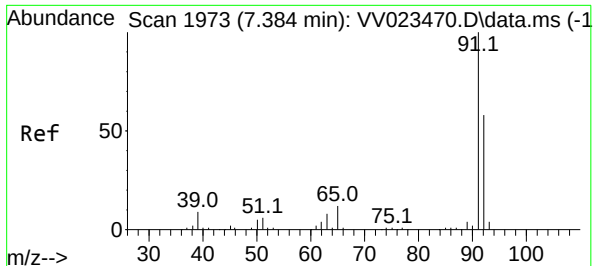
Tgt Ion: 63 Resp: 5210

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.403 min Scan# 1973

Delta R.T. 0.019 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Instrument :

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ClientSampleId :

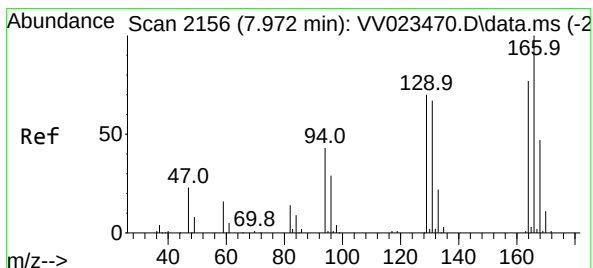
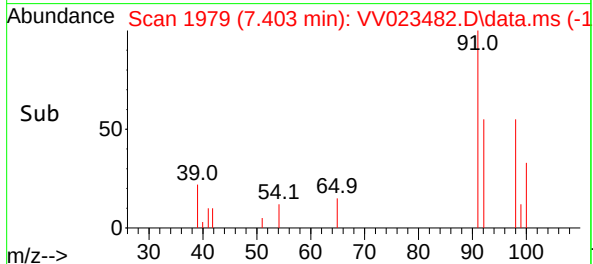
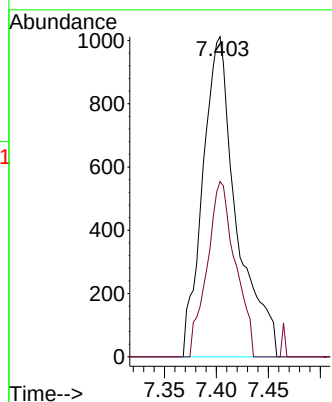
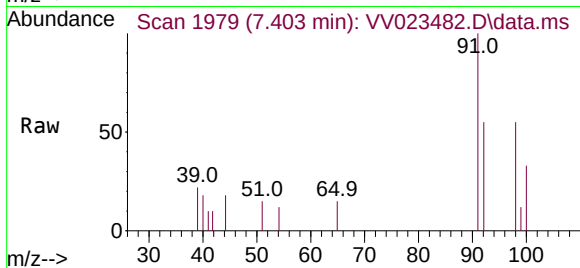
BG1Z0

Tgt Ion: 91 Resp: 2284

Ion Ratio Lower Upper

91 100

92 54.7 39.3 72.9



#47

Tetrachloroethene

Concen: 2.525 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023482.D

Acq: 15 Nov 2021 15:07

Tgt Ion:164 Resp: 19287

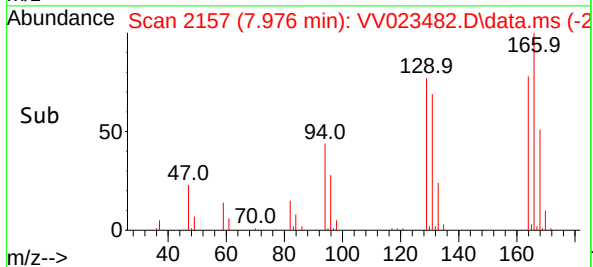
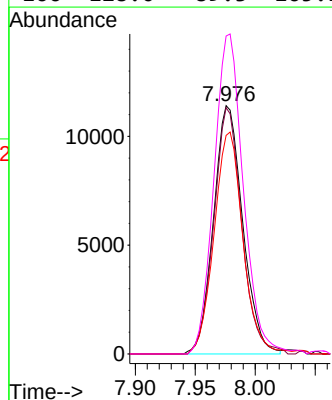
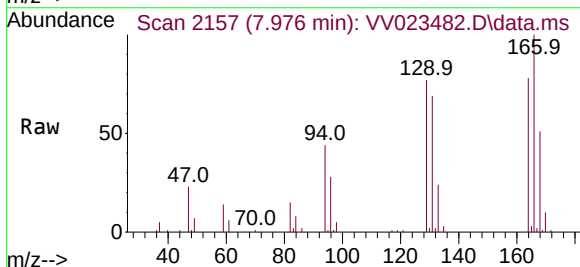
Ion Ratio Lower Upper

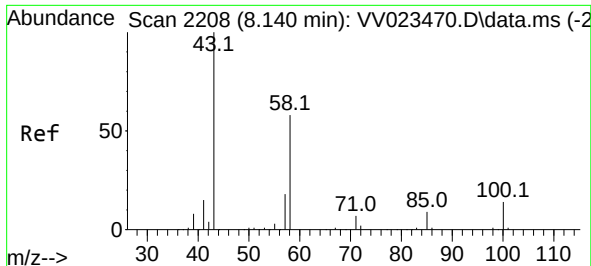
164 100

129 99.2 64.0 119.0

131 88.0 63.4 117.8

166 128.0 89.3 165.9

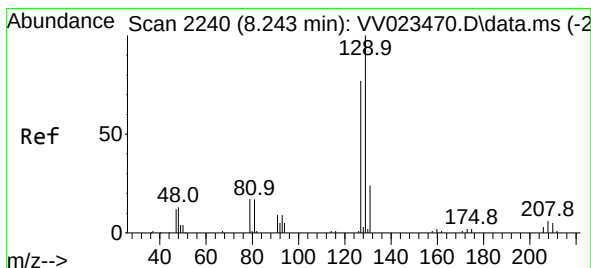
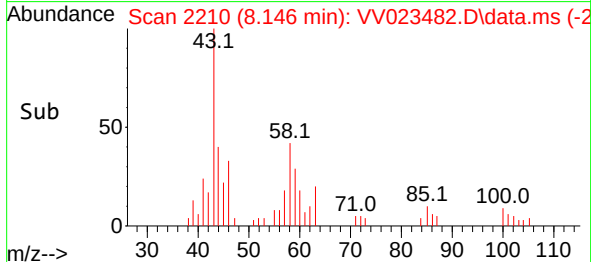
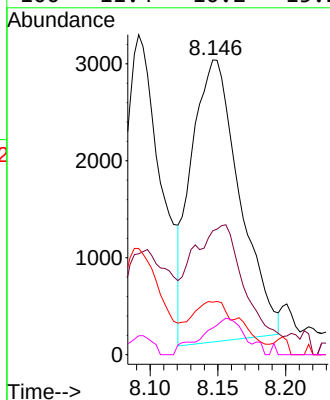
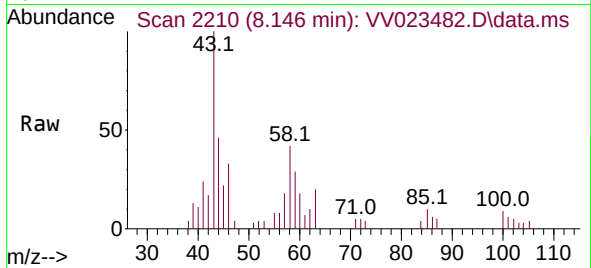




#48
2-Hexanone
Concen: 2.865 ug/L
RT: 8.146 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

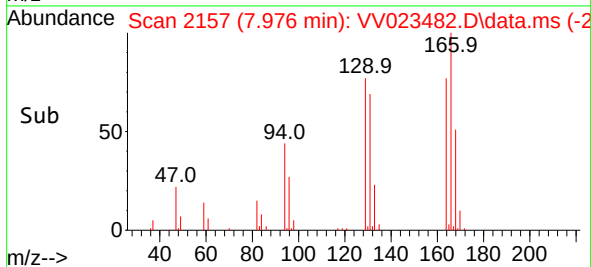
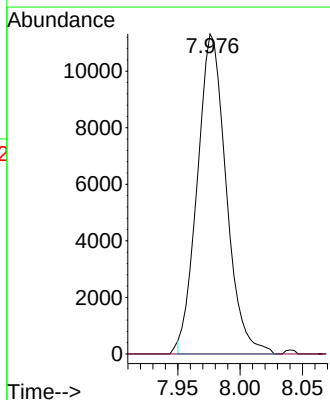
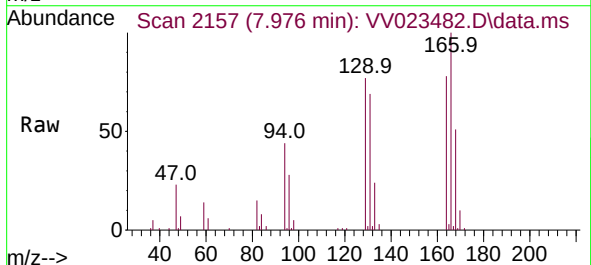
Instrument :
MSVOA_V
ClientSampleId :
BG1Z0

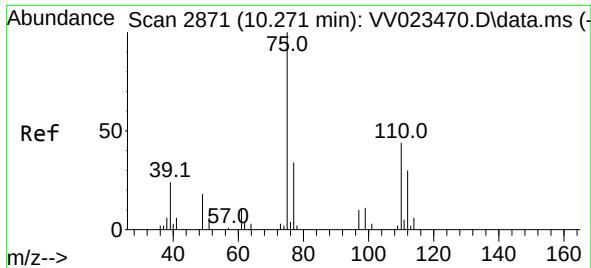
Tgt Ion: 43	Resp: 7203
Ion Ratio	Lower Upper
43 100	
58 44.0	43.7 65.5
57 19.4	14.1 21.1
100 11.4	10.2 15.2



#49
Dibromochloromethane
Concen: 2.580 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023482.D
Acq: 15 Nov 2021 15:07

Tgt Ion:129	Resp:	18173	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.506 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV023482.D

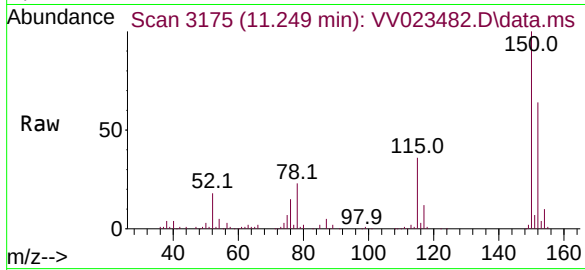
Acq: 15 Nov 2021 15:07

Instrument :

MSVOA_V

ClientSampleId :

BG1Z0



Tgt Ion: 75 Resp: 5443

Ion Ratio Lower Upper

75 100

77 33.8 26.6 39.8

110 3.4 31.8 47.6#

