

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022939.D
 Acq On : 20 Oct 2021 18:05
 Operator : SY/MD
 Sample : M4137-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3

Quant Time: Oct 21 02:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119259	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31184	3.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.568	69	27391	3.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.108	63	41938	2.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.889	46	100435	46.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.360%
24) Chloroform-d	4.349	84	81482	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.034	65	42568	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.053	84	170491	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.072	67	55477	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.317	98	139892	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.625	79	16349	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.092	63	76252	53.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38206	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	58065	5.557	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	474	0.054	ug/L #	66
13) Acetone	2.185	43	46143	38.463	ug/L #	41
15) Methyl Acetate	2.372	43	2076	0.605	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	11423	0.655	ug/L #	94
22) cis-1,2-Dichloroethene	3.918	96	3468	0.422	ug/L	92
25) Chloroform	4.381	83	14533	0.889	ug/L	99
34) Trichloroethene	5.918	95	13770	1.543	ug/L	96
35) Methylcyclohexane	6.072	83	13493	1.079	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5932	0.752	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1255	0.120	ug/L #	77
42) Toluene	7.397	91	9071	0.272	ug/L	97
47) Tetrachloroethene	7.976	164	91224	12.641	ug/L	98
49) Dibromochloromethane	7.976	129	83122	12.126	ug/L #	7
53) m,p-xylene	9.153	106	1302	0.098	ug/L	79
61) 1,2,3-Trichloropropane	10.384	75	253	0.065	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.918	105	1330	0.057	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	1330	0.057	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.249	75	214	0.300	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

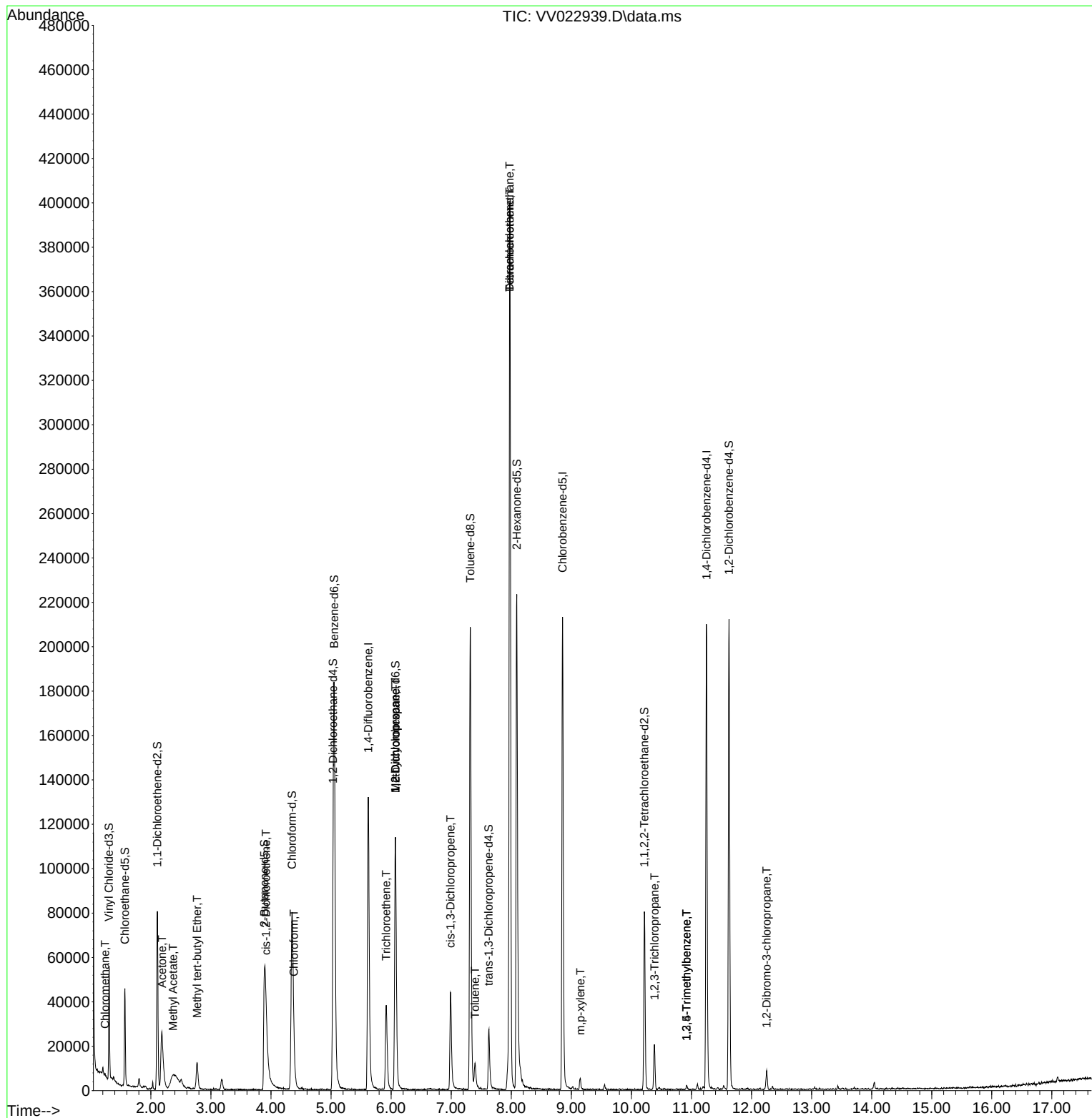
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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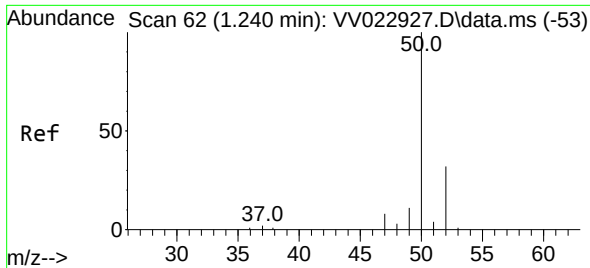
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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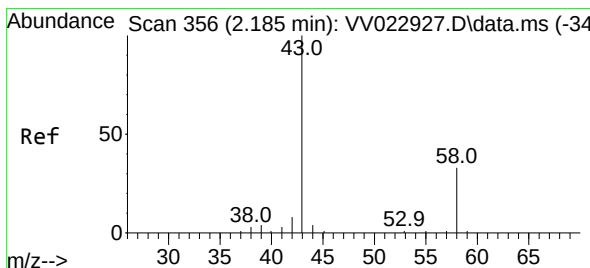
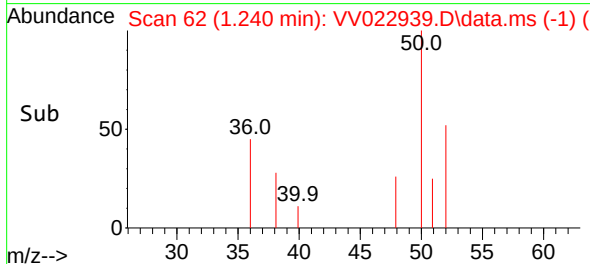
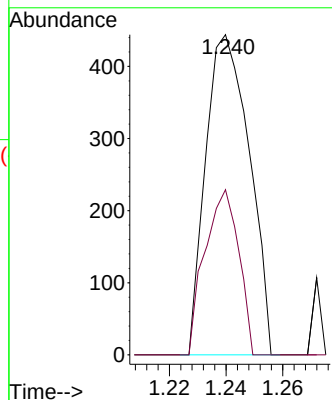
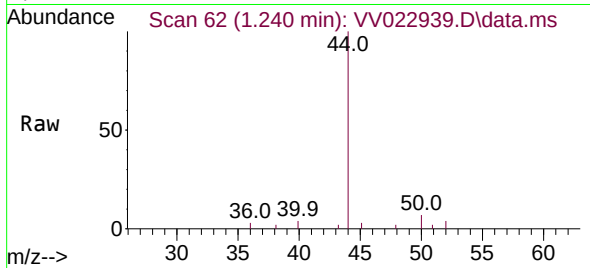




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

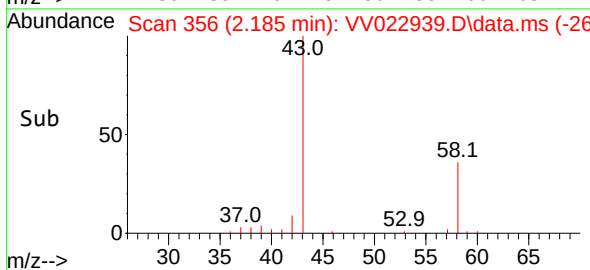
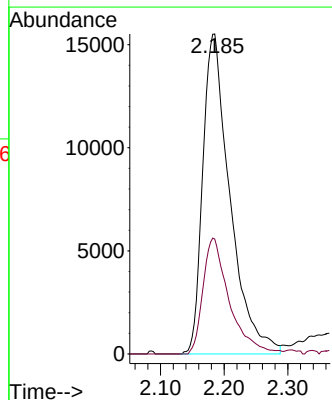
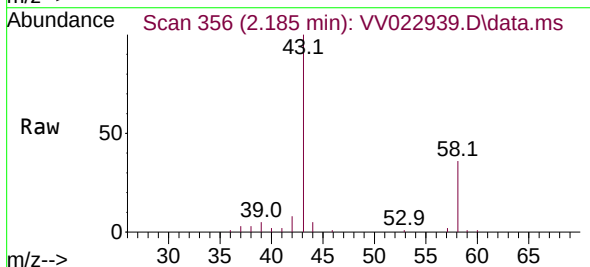
Instrument :
MSVOA_V
ClientSampled :
BFGA3

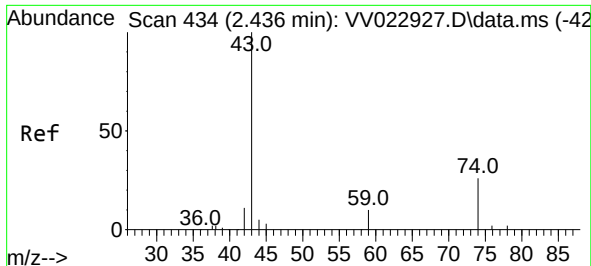
Tgt Ion: 50 Resp: 474
Ion Ratio Lower Upper
50 100
52 51.6 22.9 42.5#



#13
Acetone
Concen: 38.463 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 43 Resp: 46143
Ion Ratio Lower Upper
43 100
58 35.0 0.0 24.2#

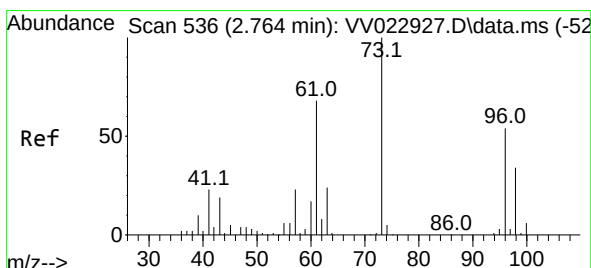
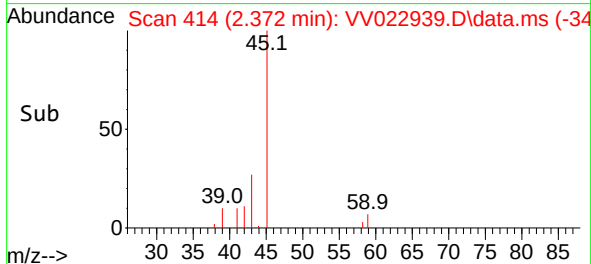
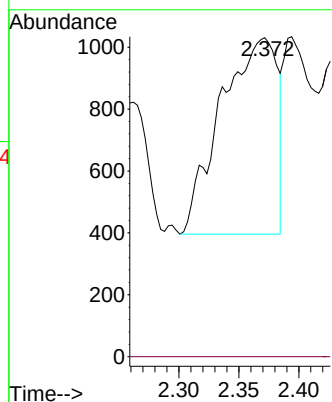
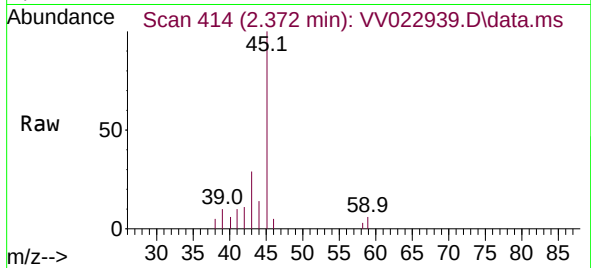




#15
Methyl Acetate
Concen: 0.605 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.064 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

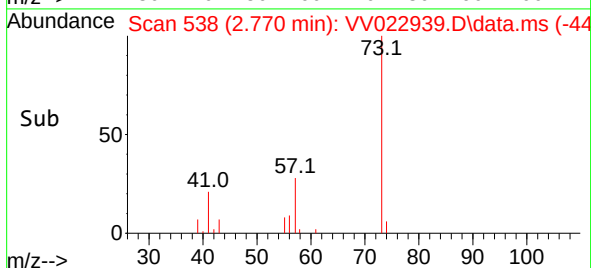
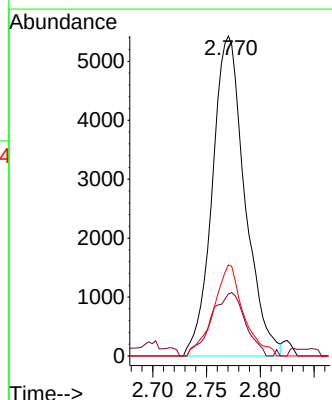
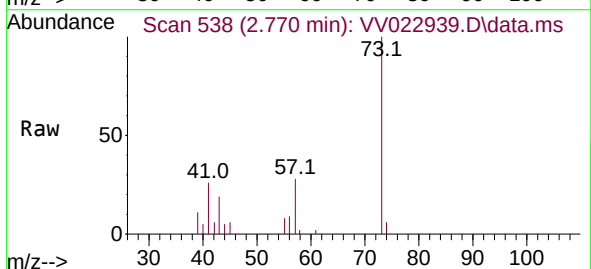
Instrument :
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ClientSampleId :
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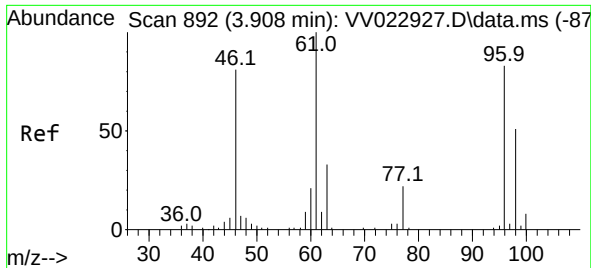
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#17
Methyl tert-butyl Ether
Concen: 0.655 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 73 Resp: 11423
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 26.0 17.2 25.8#

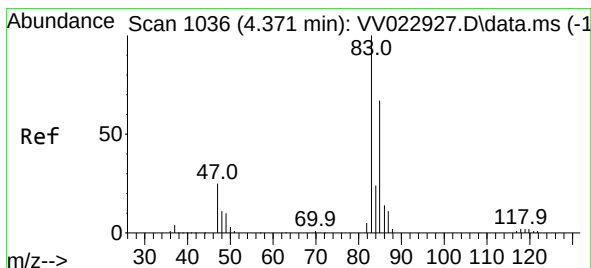
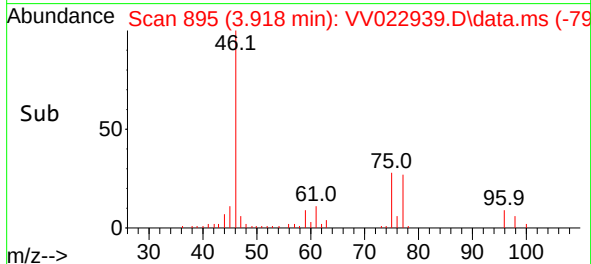
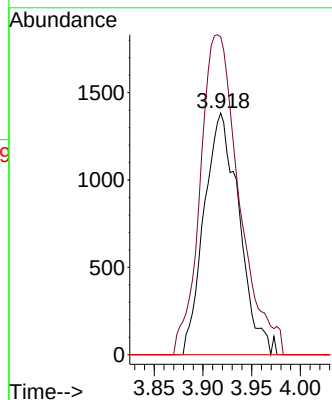
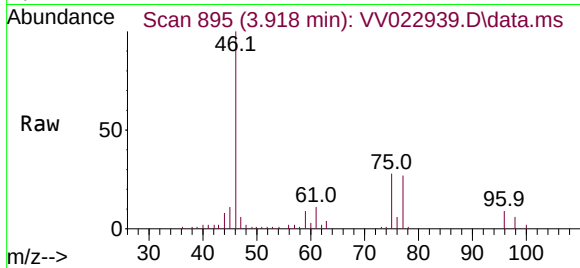




#22
cis-1,2-Dichloroethene
Concen: 0.422 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

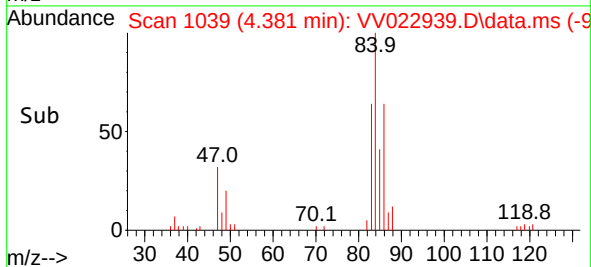
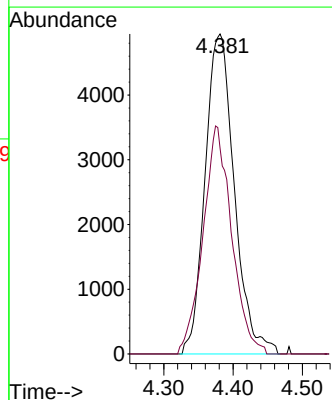
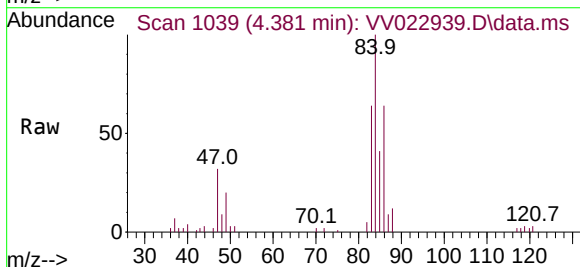
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

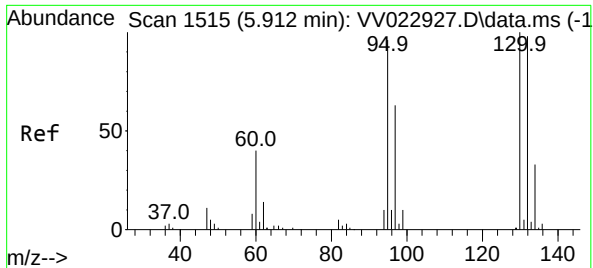
Tgt Ion: 96 Resp: 3468
Ion Ratio Lower Upper
96 100
61 131.5 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.889 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 83 Resp: 14533
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9





#34

Trichloroethene

Concen: 1.543 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV022939.D

Acq: 20 Oct 2021 18:05

Tgt Ion: 95 Resp: 13770

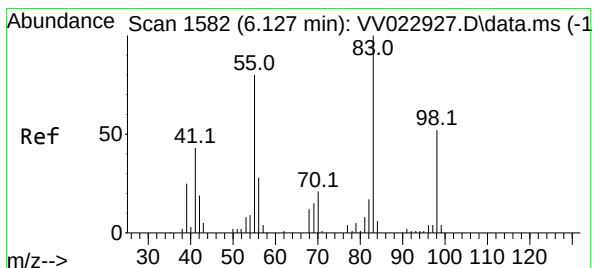
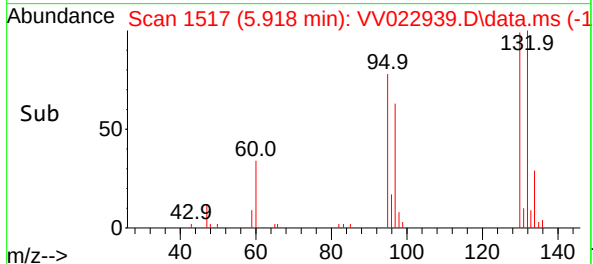
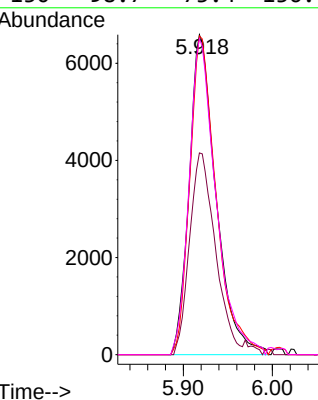
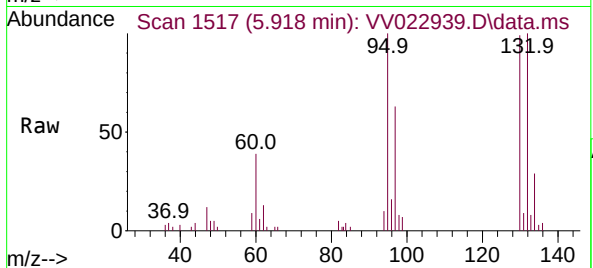
Ion Ratio Lower Upper

95 100

97 63.0 45.8 85.2

132 99.6 72.2 134.0

130 98.7 73.4 136.4



#35

Methylcyclohexane

Concen: 1.079 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022939.D

Acq: 20 Oct 2021 18:05

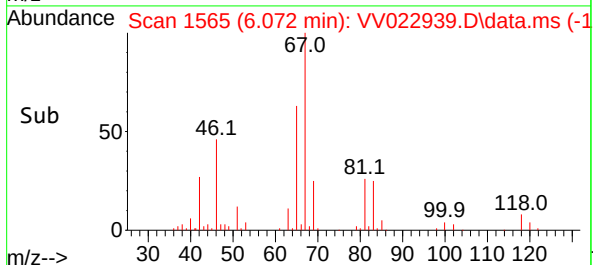
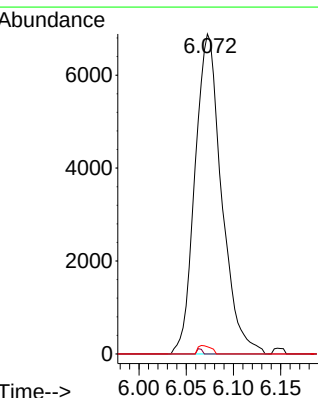
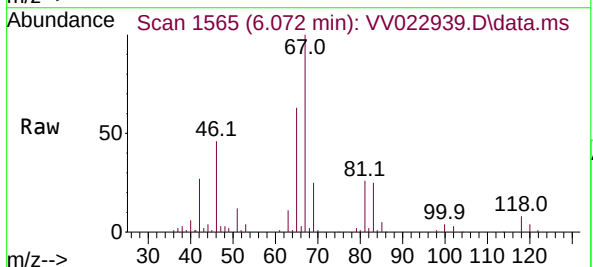
Tgt Ion: 83 Resp: 13493

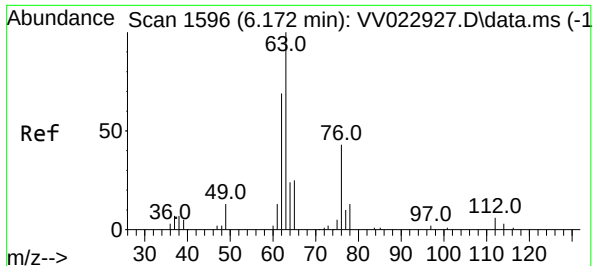
Ion Ratio Lower Upper

83 100

55 0.3 63.8 95.6#

98 1.3 42.1 63.1#



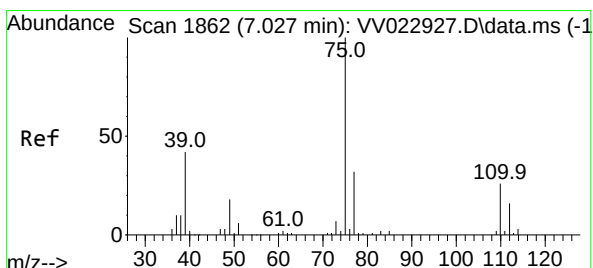
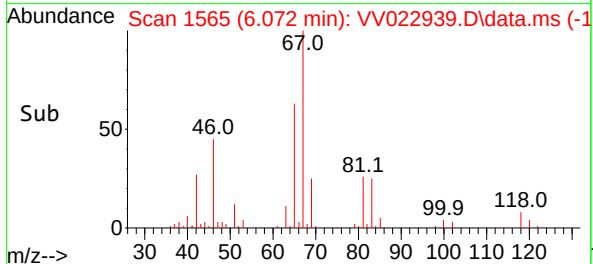
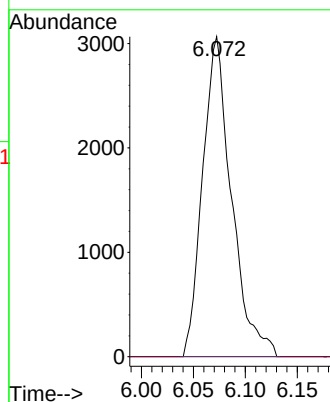
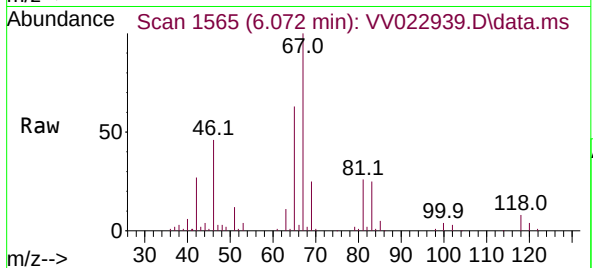


#37

1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampled :
BFGA3

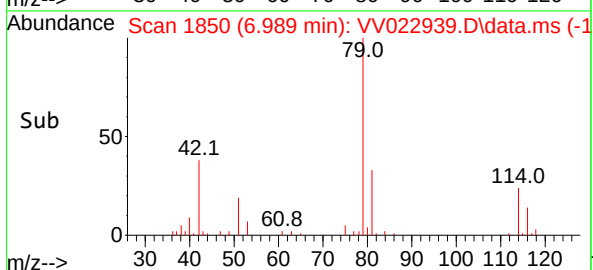
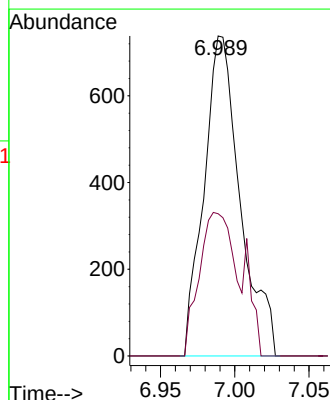
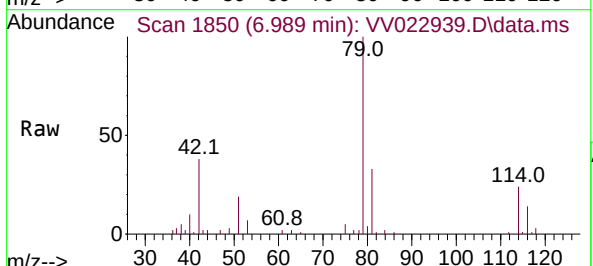
Tgt Ion: 63 Resp: 5932
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

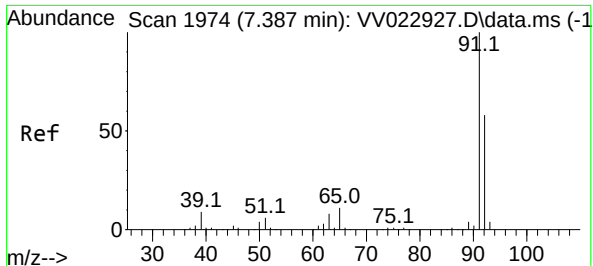


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 75 Resp: 1255
Ion Ratio Lower Upper
75 100
77 44.4 22.3 41.3#

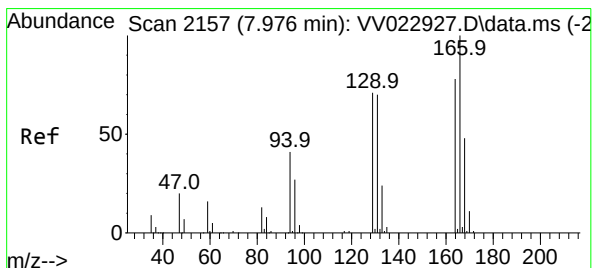
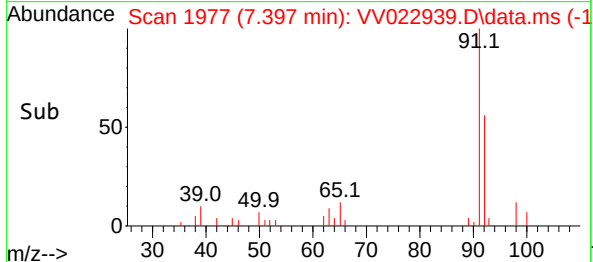
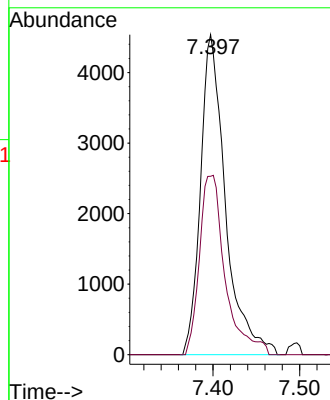
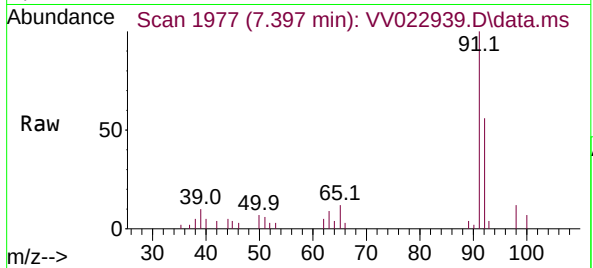




#42
Toluene
Concen: 0.272 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

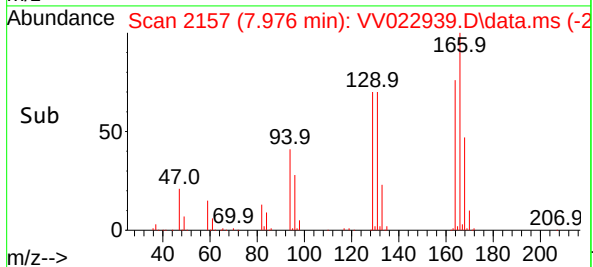
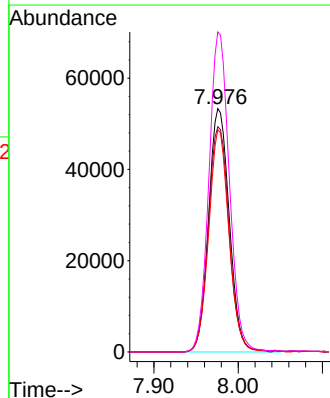
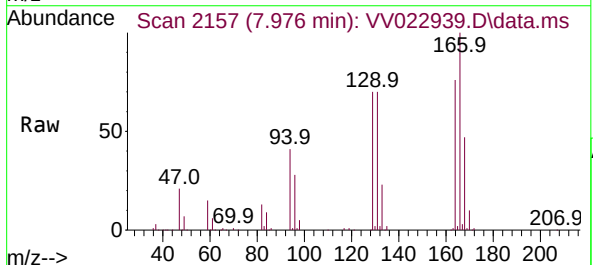
Instrument :
MSVOA_V
ClientSampled :
BFGA3

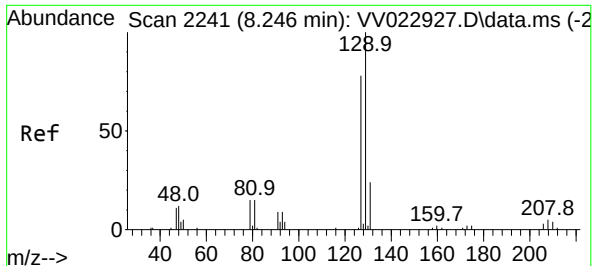
Tgt Ion: 91 Resp: 9071
Ion Ratio Lower Upper
91 100
92 55.8 40.7 75.7



#47
Tetrachloroethene
Concen: 12.641 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 164 Resp: 91224
Ion Ratio Lower Upper
164 100
129 92.6 65.0 120.6
131 91.4 62.2 115.4
166 131.5 89.2 165.8





#49

Dibromochloromethane

Concen: 12.126 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022939.D

Acq: 20 Oct 2021 18:05

Tgt Ion:129 Resp: 83122

Ion Ratio Lower Upper

129 100

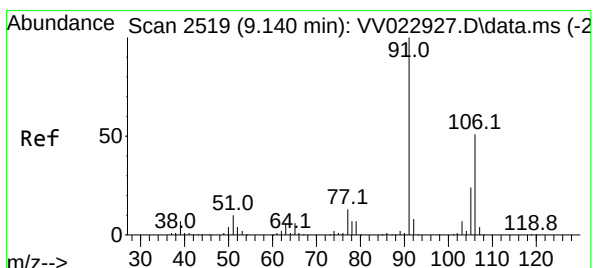
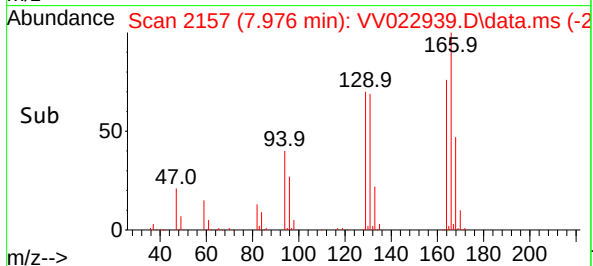
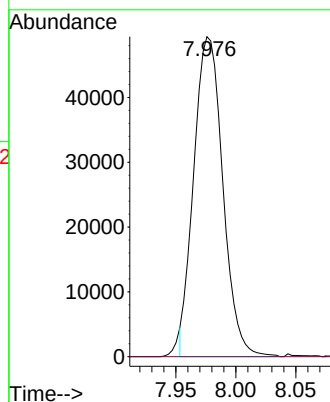
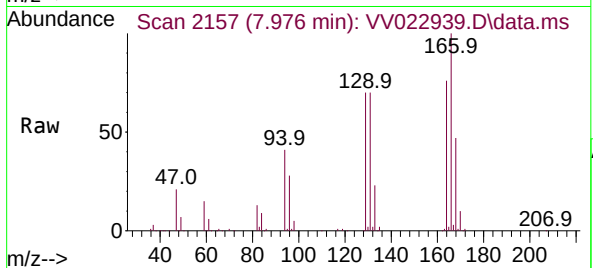
127 0.0 59.1 109.9#

Instrument :

MSVOA_V

ClientSampleId :

BFGA3



#53

m,p-xylene

Concen: 0.098 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.013 min

Lab File: VV022939.D

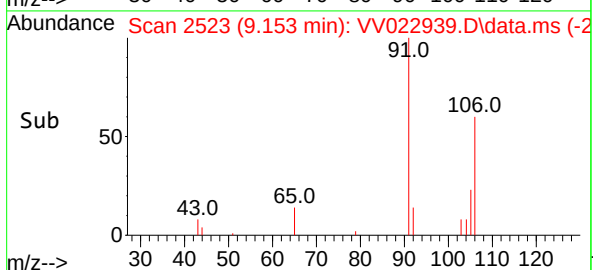
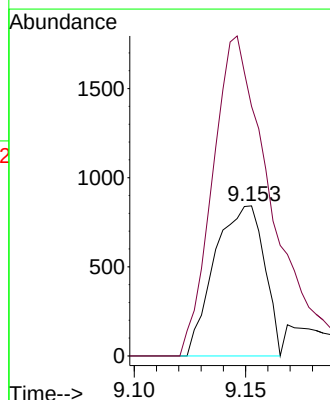
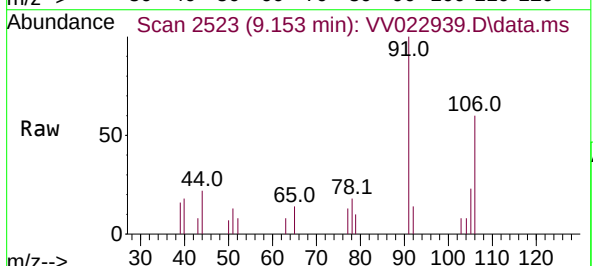
Acq: 20 Oct 2021 18:05

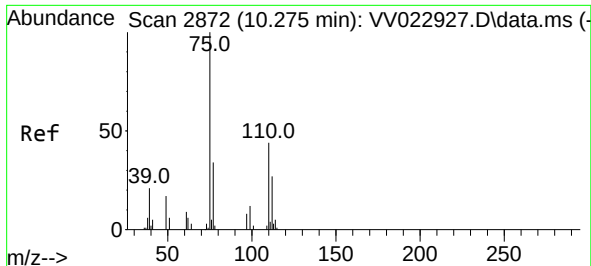
Tgt Ion:106 Resp: 1302

Ion Ratio Lower Upper

106 100

91 166.3 138.7 257.5

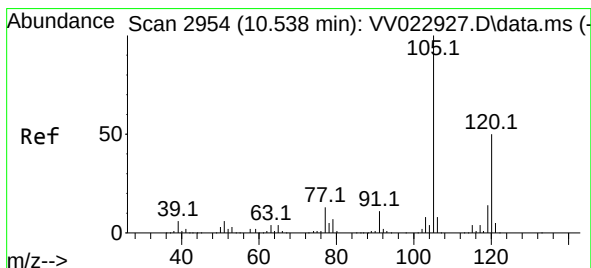
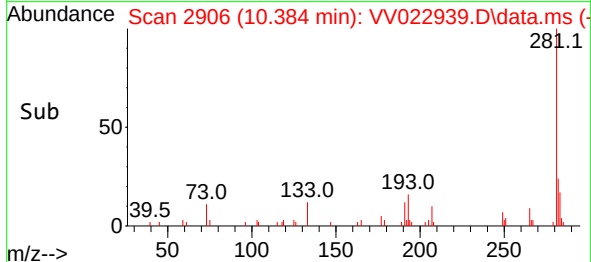
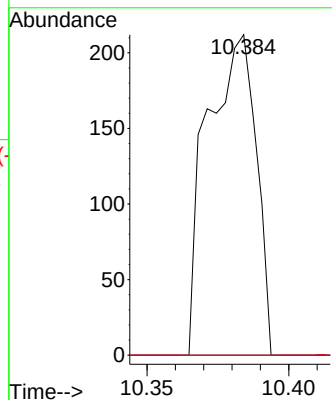
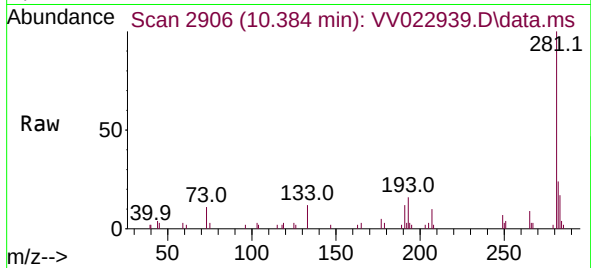




#61
1,2,3-Trichloropropane
Concen: 0.065 ug/L
RT: 10.384 min Scan# 2906
Delta R.T. 0.109 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

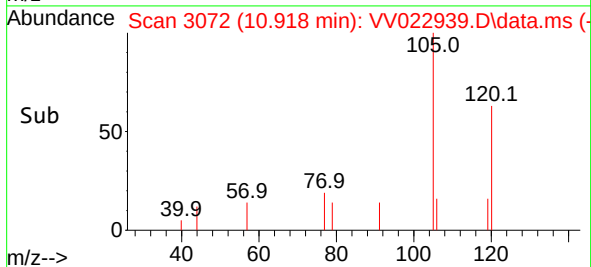
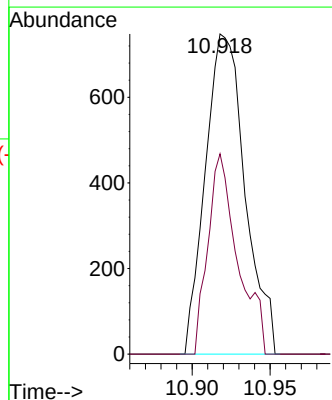
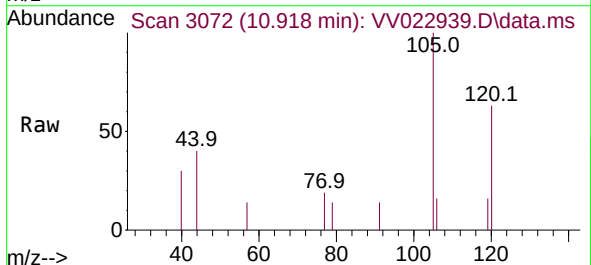
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

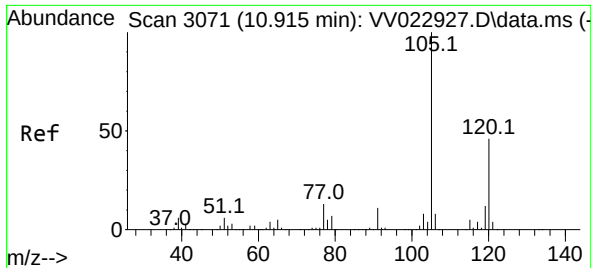
Tgt Ion: 75 Resp: 253
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
110 0.0 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.057 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.380 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 105 Resp: 1330
Ion Ratio Lower Upper
105 100
120 46.9 39.4 59.2

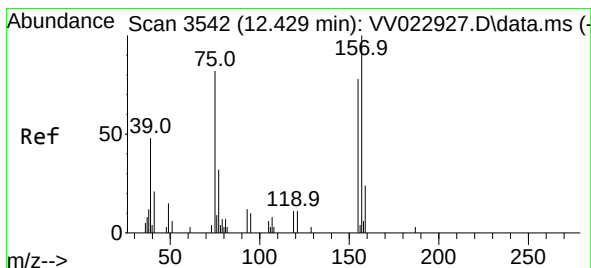
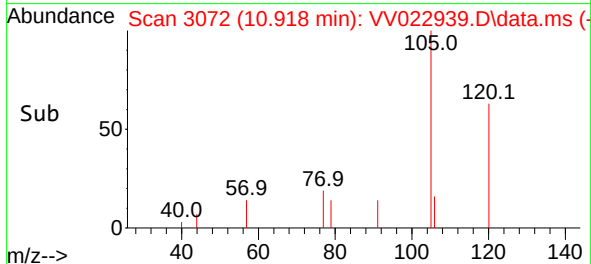
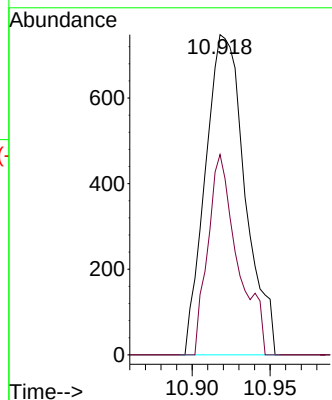
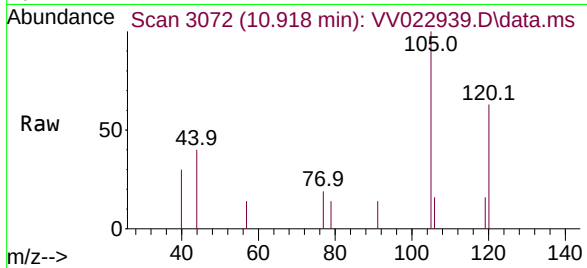




#63
1,2,4-Trimethylbenzene
Concen: 0.057 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Instrument :
MSVOA_V
ClientSampled :
BFGA3

Tgt Ion:105 Resp: 1330
Ion Ratio Lower Upper
105 100
120 46.9 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.300 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV022939.D
Acq: 20 Oct 2021 18:05

Tgt Ion: 75 Resp: 214
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

