

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023024.D
 Acq On : 23 Oct 2021 20:59
 Operator : SY/MD
 Sample : M4277-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:10:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	95956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	39962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40823	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.561	69	23491	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.105	63	48678	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.883	46	105039	80.284	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.560##
24) Chloroform-d	4.349	84	72208	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	5.034	65	36717	5.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.050	84	142920	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.069	67	45579	5.285	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	113021	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.629	79	13832	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.092	63	70441	62.967	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37523	6.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.000##
66) 1,2-Dichlorobenzene-d4	11.628	152	41848	5.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	506	0.079	ug/L	90
6) Bromomethane	1.523	94	187	0.056	ug/L	74
12) 1,1-Dichloroethene	2.105	96	401	0.084	ug/L #	1
13) Acetone	2.169	43	6878	10.715	ug/L	96
15) Methyl Acetate	2.320	43	11658	4.774	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	70800	6.206	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	2237	0.387	ug/L #	89
25) Chloroform	4.384	83	4897	0.395	ug/L	96
34) Trichloroethene	5.924	95	2044	0.315	ug/L	91
35) Methylcyclohexane	6.072	83	11226	1.209	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5001	0.768	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1090	0.134	ug/L	95
42) Toluene	7.397	91	4490	0.172	ug/L	94
45) 1,1,2-Trichloroethane	7.976	97	341	0.075	ug/L #	1
47) Tetrachloroethene	7.976	164	40441	7.379	ug/L	96
48) 2-Hexanone	8.149	43	4665	2.051	ug/L #	93
49) Dibromochloromethane	7.976	129	33342	6.154	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	4201	1.494	ug/L #	64

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023024.D
Acq On : 23 Oct 2021 20:59
Operator : SY/MD
Sample : M4277-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 01:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

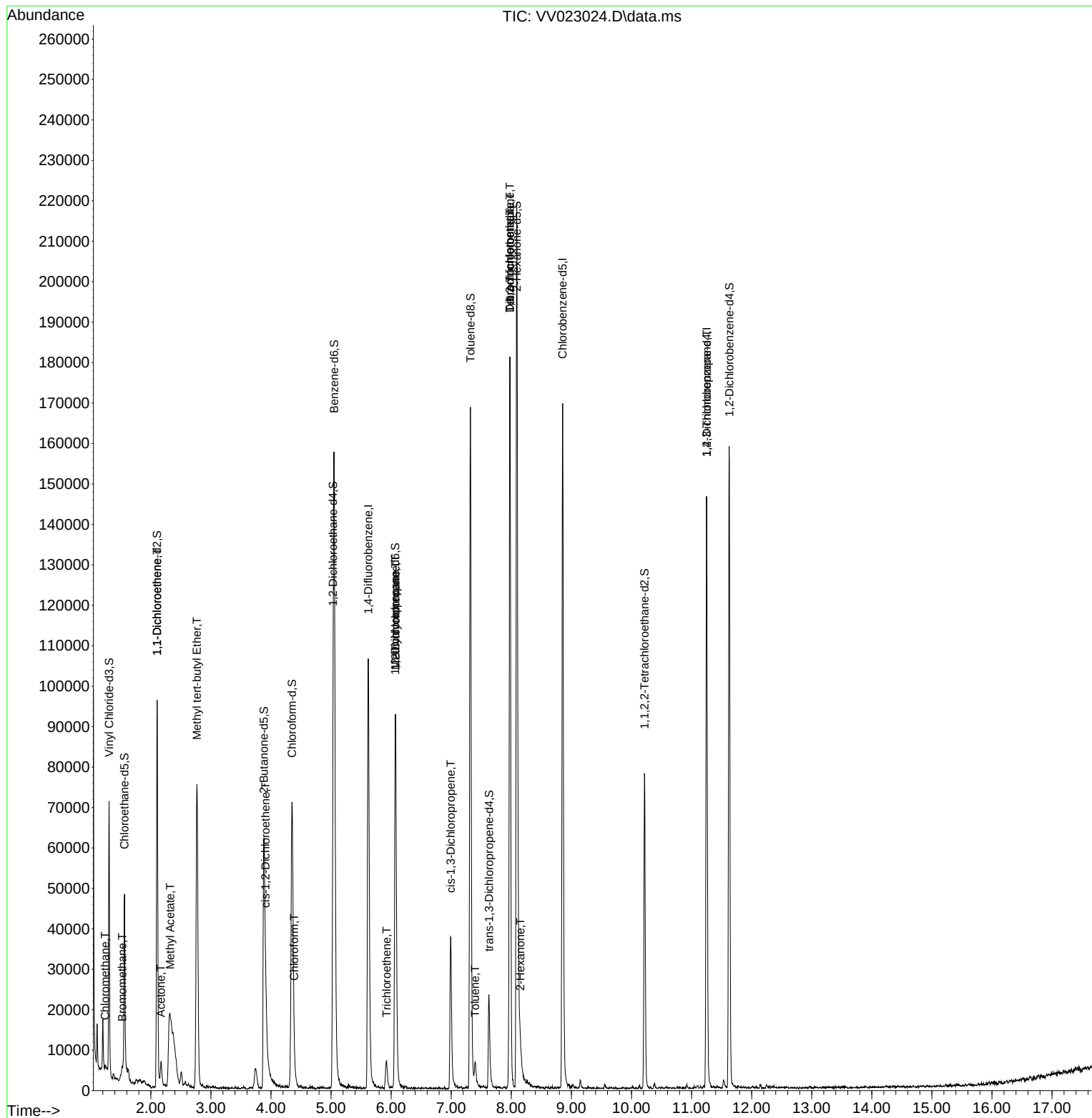
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

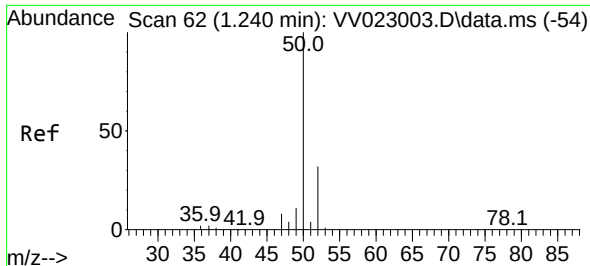
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
Data File : VV023024.D
Acq On : 23 Oct 2021 20:59
Operator : SY/MD
Sample : M4277-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

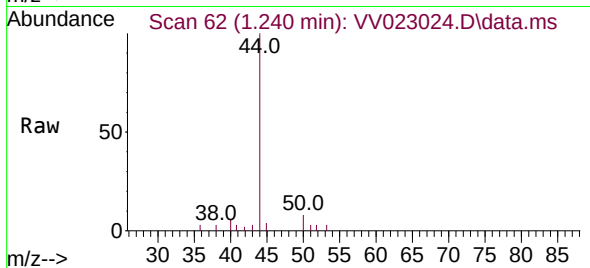
Quant Time: Oct 25 01:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration



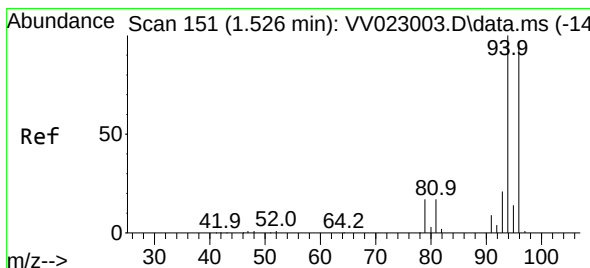
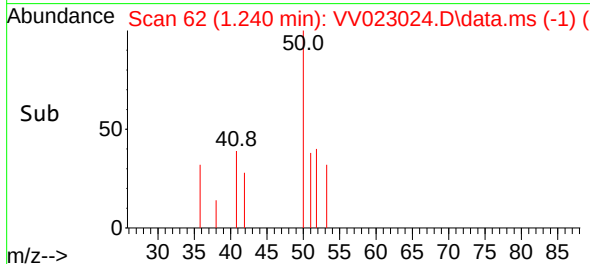
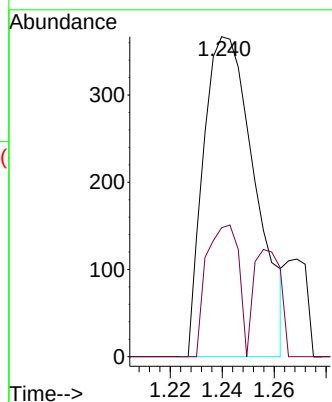


#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

Instrument :
MSVOA_V
ClientSampleId :

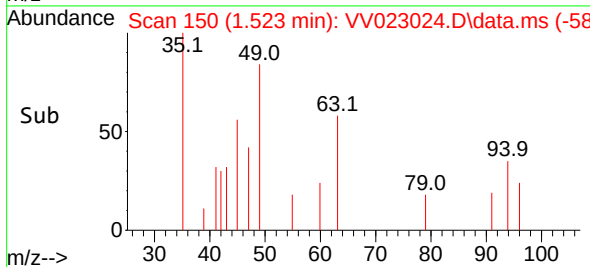
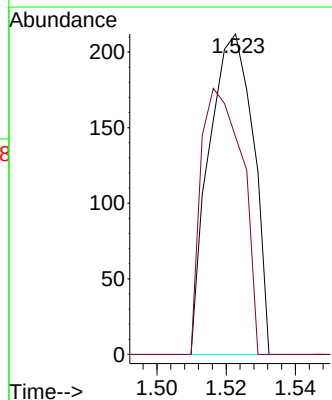
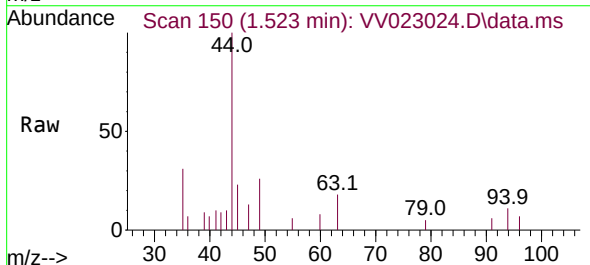


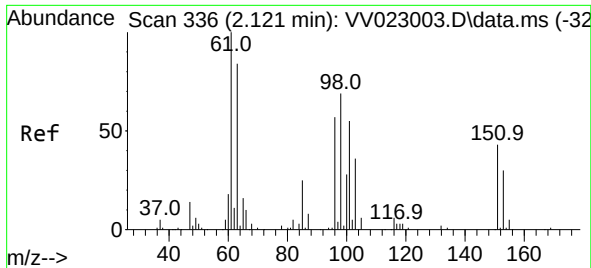
Tgt Ion: 50 Resp: 506
Ion Ratio Lower Upper
50 100
52 40.3 24.3 45.1



#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 67.9 65.0 120.8





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

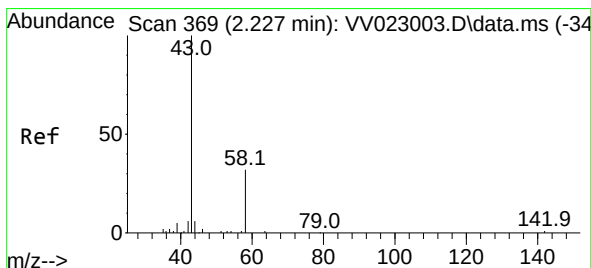
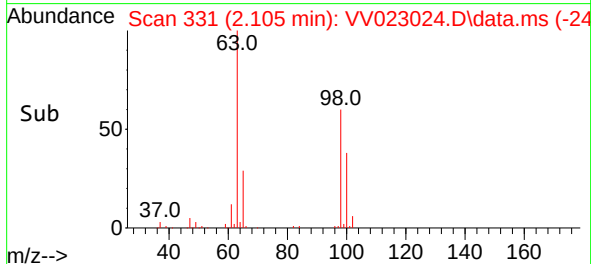
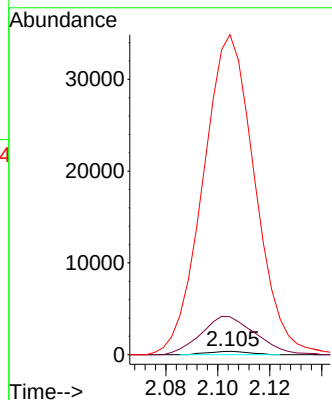
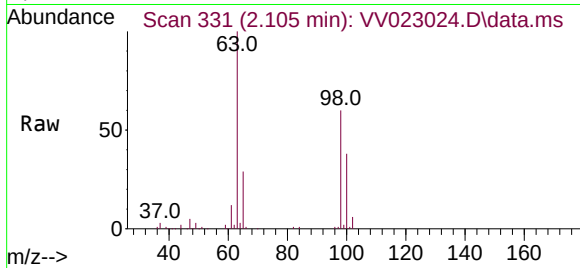
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 401

Ion	Ratio	Lower	Upper
96	100		
61	1127.5	121.5	225.7#
63	9499.7	99.6	185.0#



#13

Acetone

Concen: 10.715 ug/L

RT: 2.169 min Scan# 351

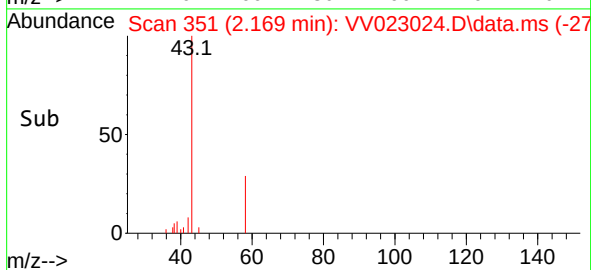
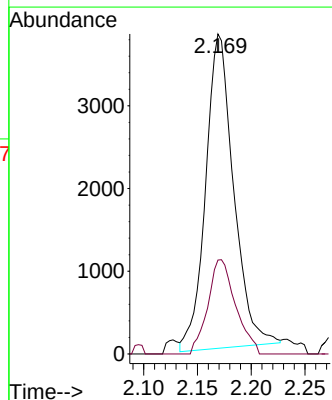
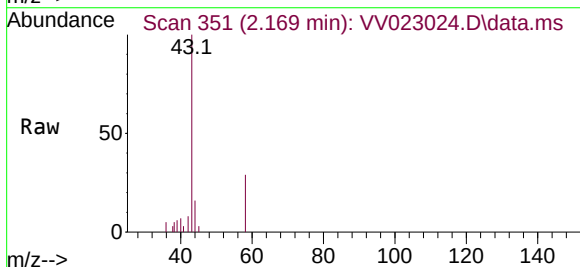
Delta R.T. -0.058 min

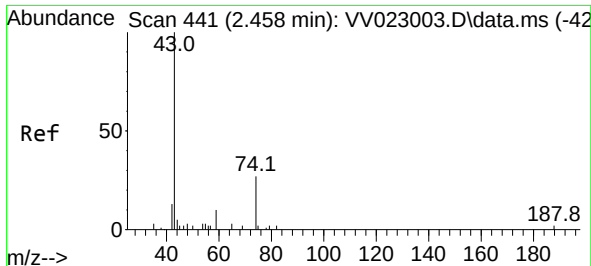
Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Tgt Ion: 43 Resp: 6878

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	55.4

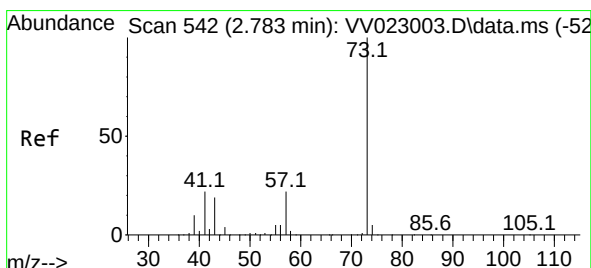
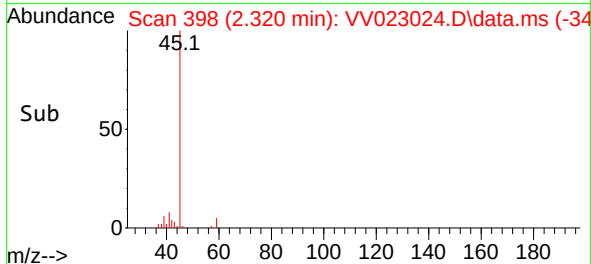
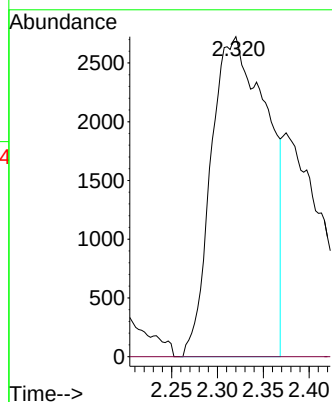
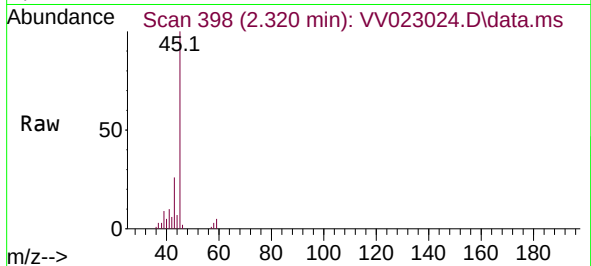




#15
Methyl Acetate
Concen: 4.774 ug/L
RT: 2.320 min Scan# 398
Delta R.T. -0.138 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

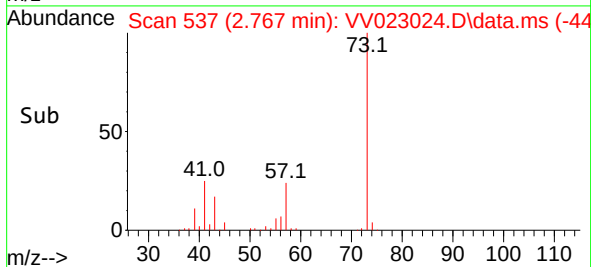
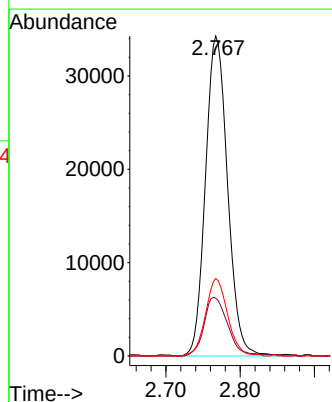
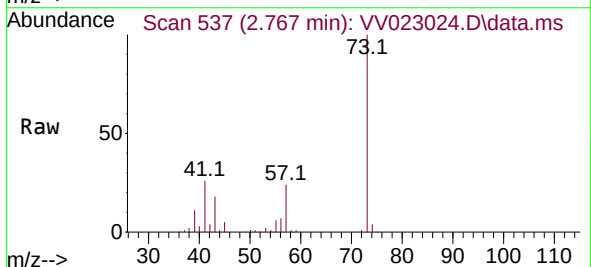
Instrument :
MSVOA_V
ClientSampleId :

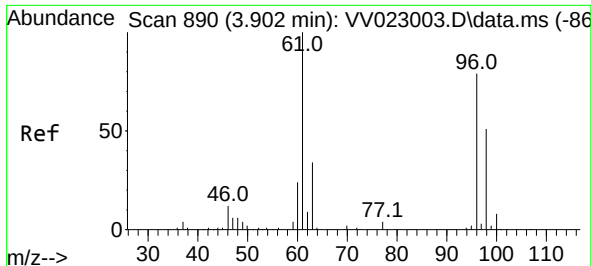
Tgt Ion: 43 Resp: 11658
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 6.206 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.016 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

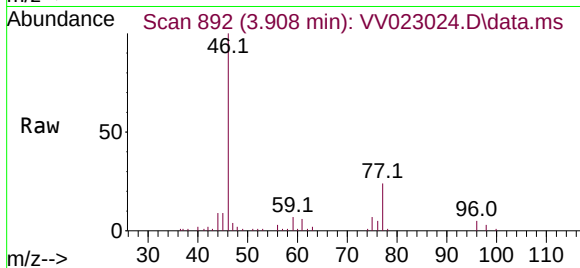
Tgt Ion: 73 Resp: 70800
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 24.2 16.5 24.7



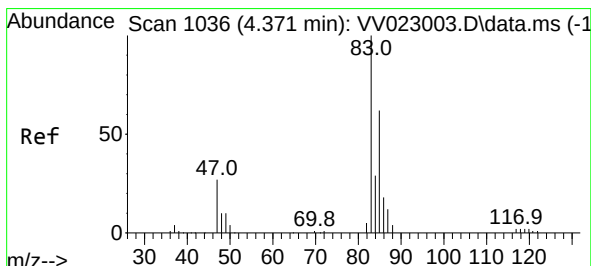
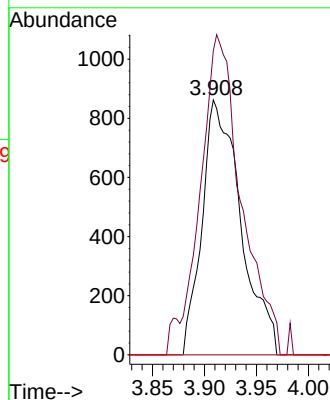
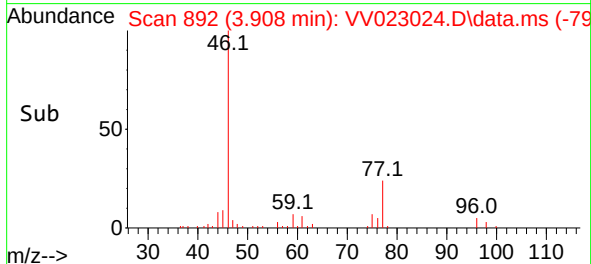


#22
 cis-1,2-Dichloroethene
 Concen: 0.387 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.007 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Instrument :
 MSVOA_V
 ClientSampleId :

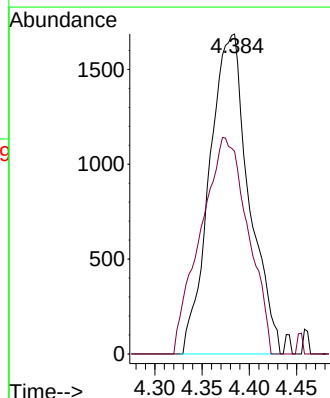
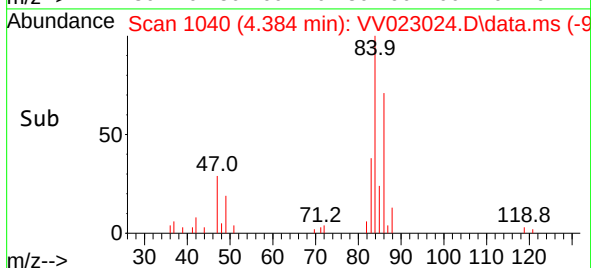
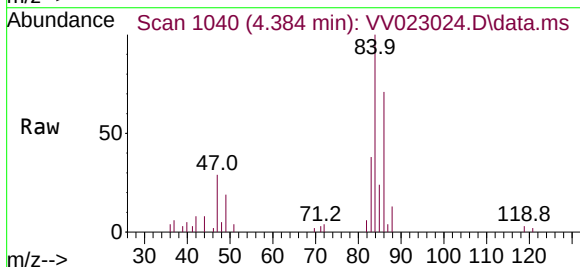


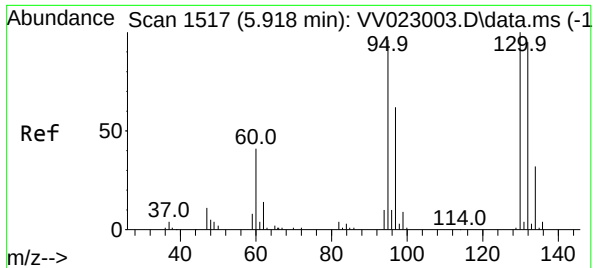
Tgt Ion: 96 Resp: 2237
 Ion Ratio Lower Upper
 96 100
 61 119.4 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.395 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV023024.D
 Acq: 23 Oct 2021 20:59

Tgt Ion: 83 Resp: 4897
 Ion Ratio Lower Upper
 83 100
 85 63.3 46.8 86.8



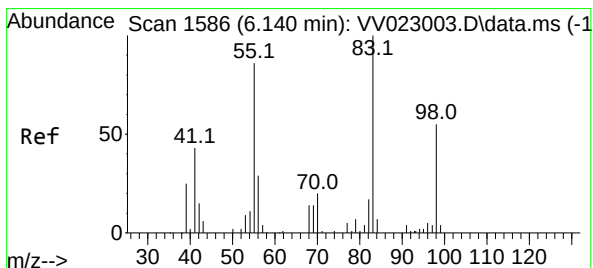
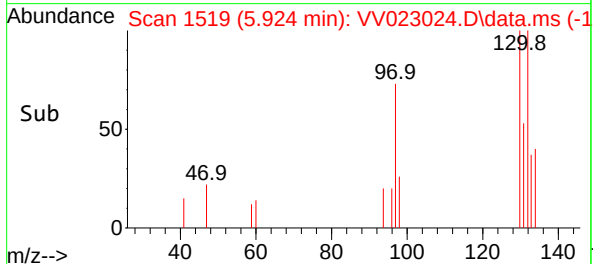
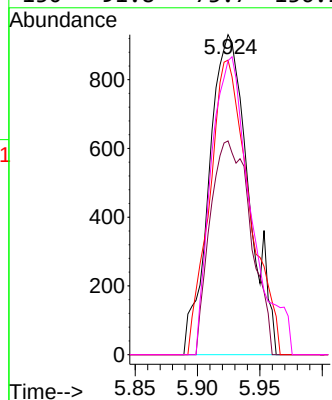
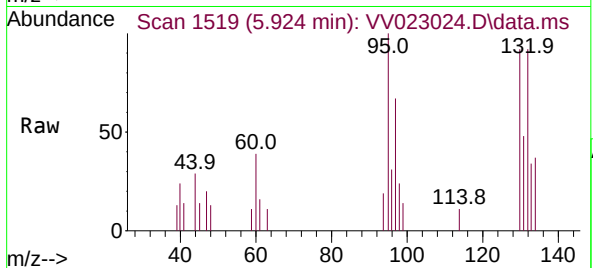


#34
Trichloroethene
Concen: 0.315 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2044

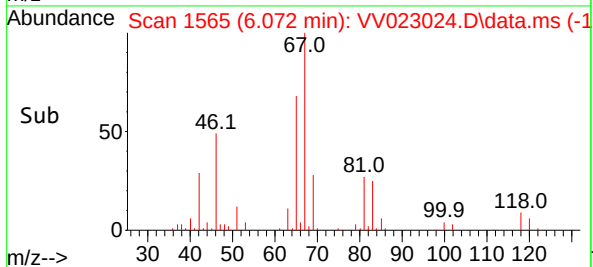
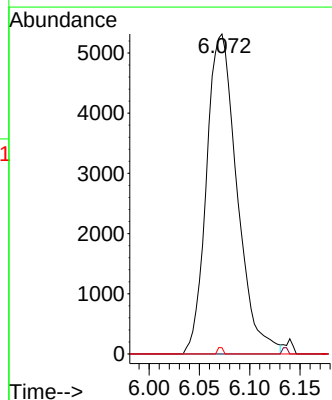
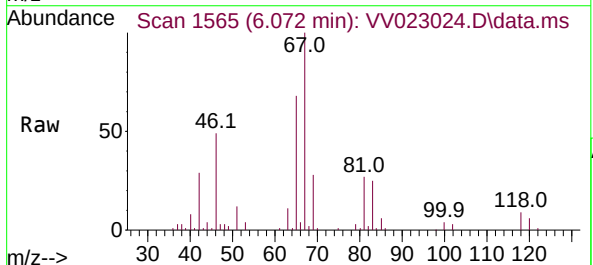
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.0	83.6
132	92.1	69.7	129.4
130	91.8	73.7	136.9

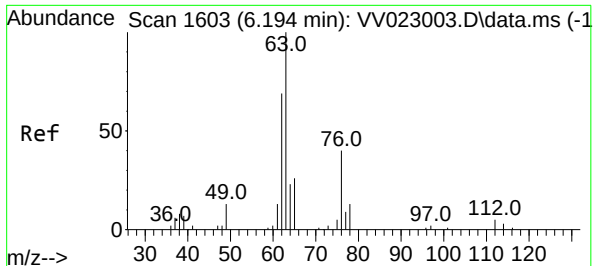


#35
Methylcyclohexane
Concen: 1.209 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.067 min
Lab File: VV023024.D
Acq: 23 Oct 2021 20:59

Tgt Ion: 83 Resp: 11226

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	0.4	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.768 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.122 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Instrument :

MSVOA_V

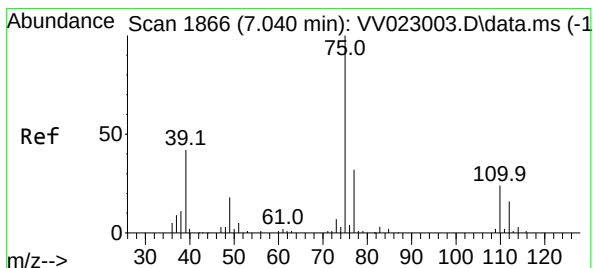
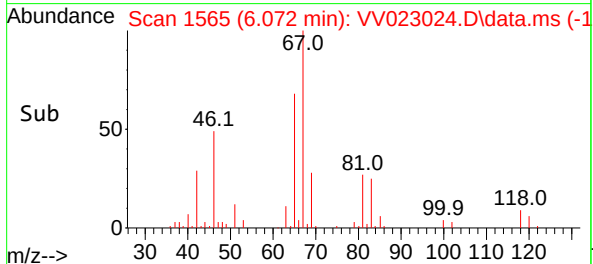
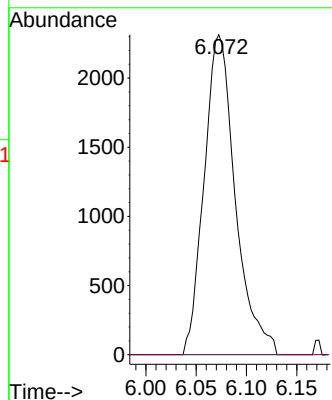
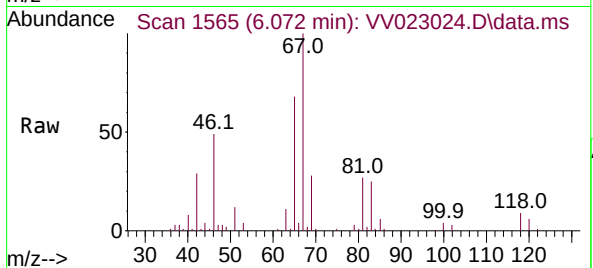
ClientSampleId :

Tgt Ion: 63 Resp: 5001

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.048 min

Lab File: VV023024.D

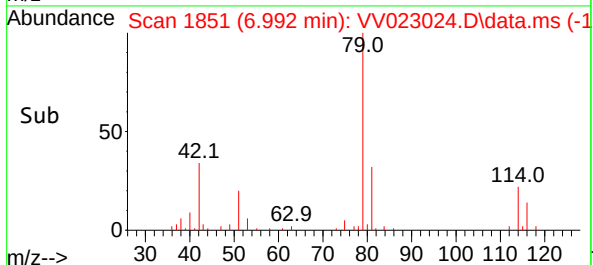
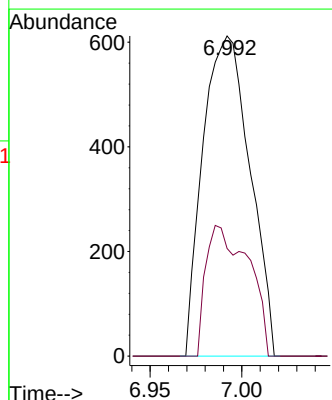
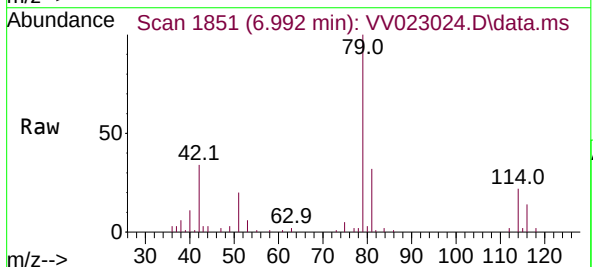
Acq: 23 Oct 2021 20:59

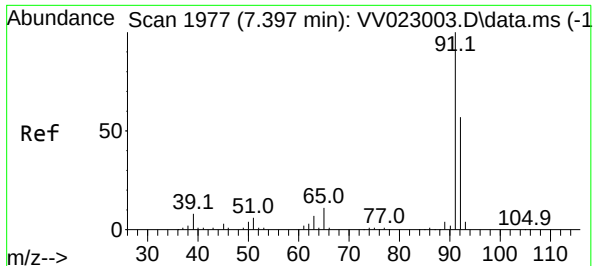
Tgt Ion: 75 Resp: 1090

Ion Ratio Lower Upper

75 100

77 33.7 21.6 40.2





#42

Toluene

Concen: 0.172 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Instrument :

MSVOA_V

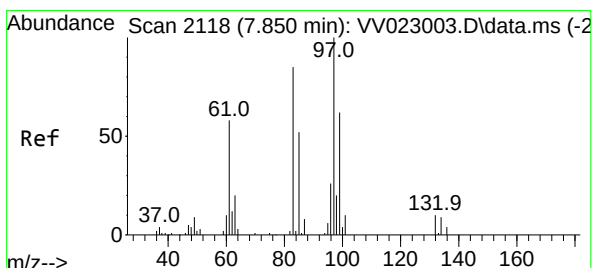
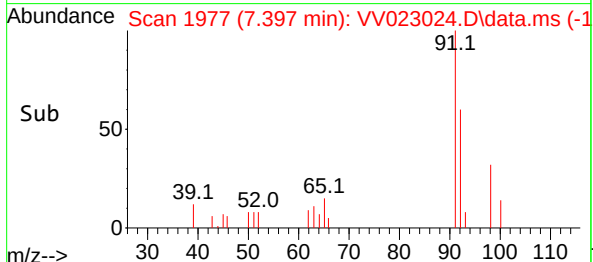
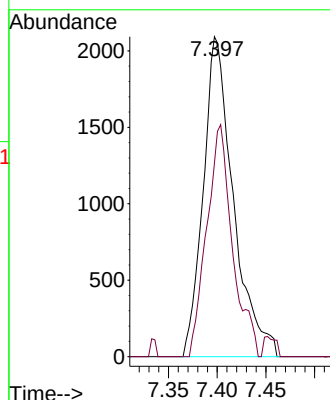
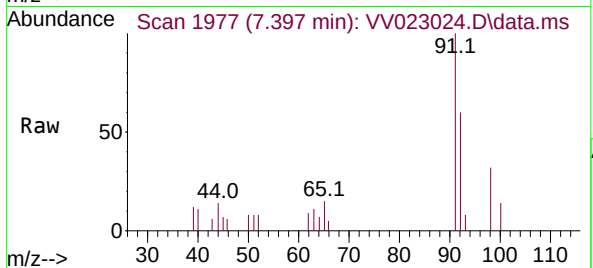
ClientSampleId :

Tgt Ion: 91 Resp: 4490

Ion Ratio Lower Upper

91 100

92 60.5 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.075 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.126 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Tgt Ion: 97 Resp: 341

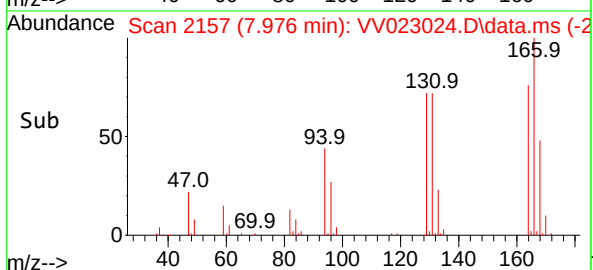
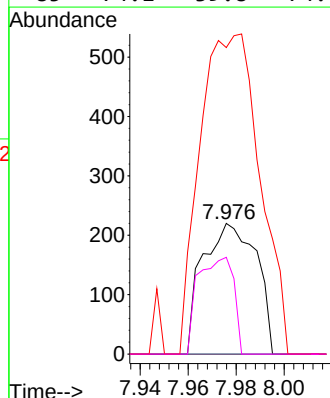
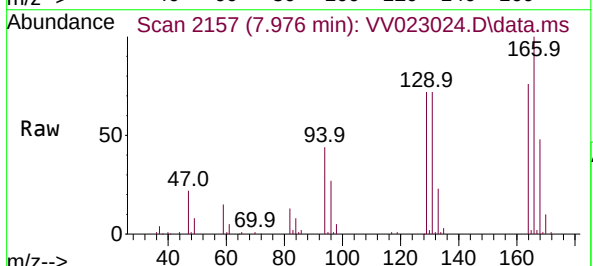
Ion Ratio Lower Upper

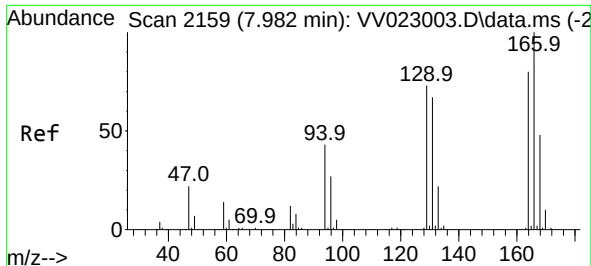
97 100

99 0.0 43.6 81.0#

83 234.5 58.4 108.4#

85 74.1 39.8 74.0#





#47

Tetrachloroethene

Concen: 7.379 ug/L

RT: 7.976 min Scan# 2159

Delta R.T. -0.006 min

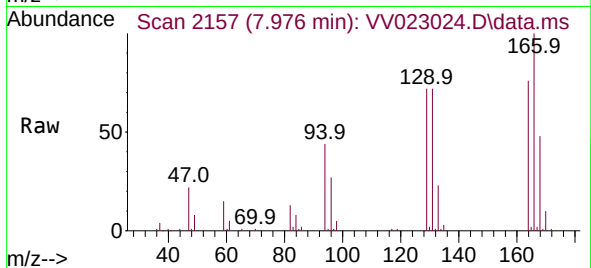
Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 40441

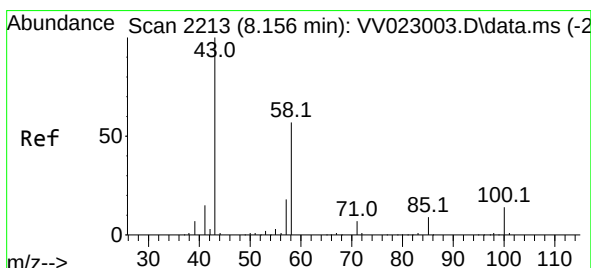
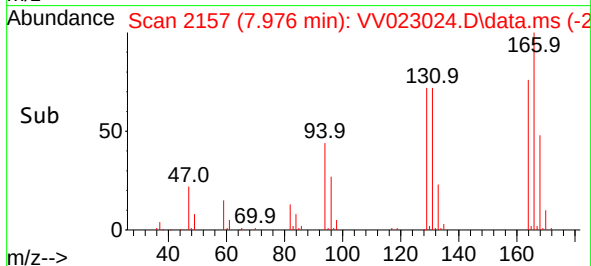
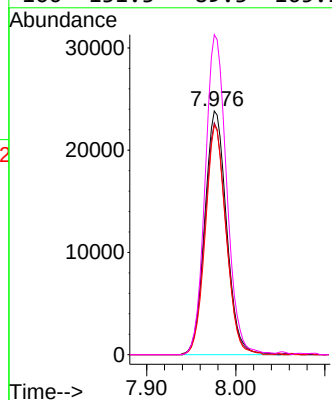
Ion Ratio Lower Upper

164 100

129 95.1 64.0 119.0

131 94.1 63.4 117.8

166 131.3 89.3 165.9



#48

2-Hexanone

Concen: 2.051 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Tgt Ion: 43 Resp: 4665

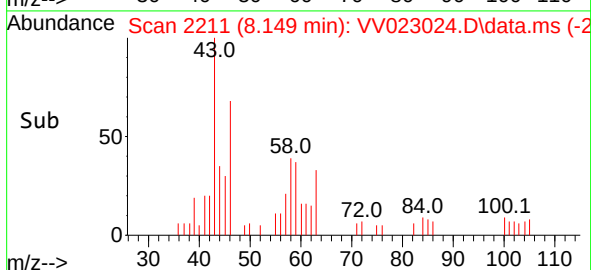
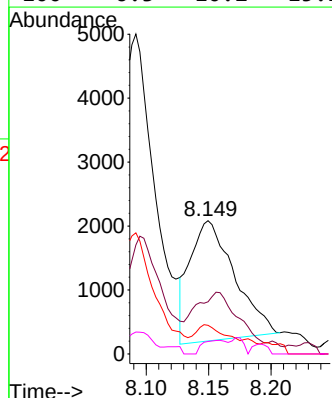
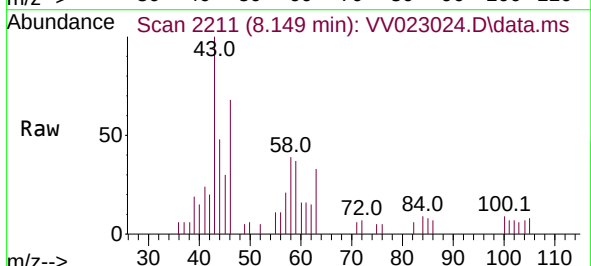
Ion Ratio Lower Upper

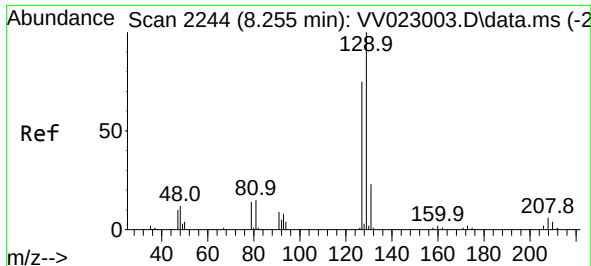
43 100

58 55.4 43.7 65.5

57 8.9 14.1 21.1#

100 6.3 10.2 15.2#





#49

Dibromochloromethane

Concen: 6.154 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.280 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Instrument :

MSVOA_V

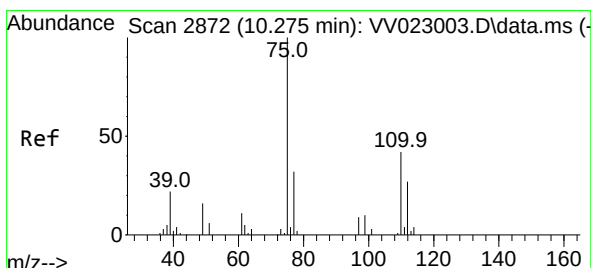
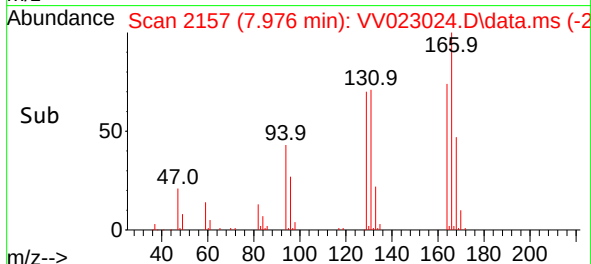
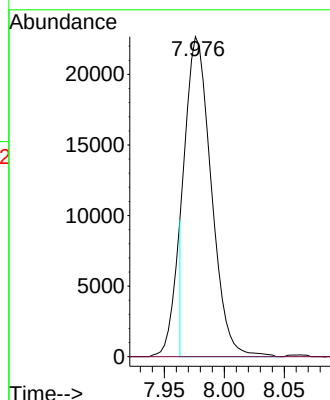
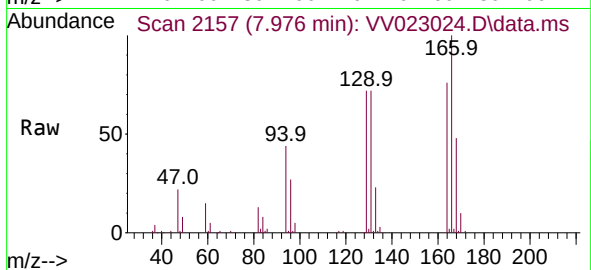
ClientSampleId :

Tgt Ion:129 Resp: 33342

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.494 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV023024.D

Acq: 23 Oct 2021 20:59

Tgt Ion: 75 Resp: 4201

Ion Ratio Lower Upper

75 100

77 35.0 26.6 39.8

110 0.5 31.8 47.6#

