

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023018.D
 Acq On : 23 Oct 2021 18:35
 Operator : SY/MD
 Sample : M4277-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:09:00 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	90766	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	37311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42195	5.320	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.568	69	28496	5.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.105	63	39883	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.899	46	104983	82.515	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.020%#
24) Chloroform-d	4.352	84	74662	5.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.034	65	38940	6.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.200%
32) Benzene-d6	5.053	84	145215	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.072	67	48449	5.698	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.000%
41) Toluene-d8	7.317	98	116352	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.625	79	15756	5.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.092	63	70805	64.192	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37299	6.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.000%#
66) 1,2-Dichlorobenzene-d4	11.625	152	43184	6.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	406	0.065	ug/L	96
5) Vinyl chloride	1.307	62	334	0.052	ug/L #	1
6) Bromomethane	1.526	94	148	0.046	ug/L #	59
12) 1,1-Dichloroethene	2.102	96	333	0.072	ug/L #	1
13) Acetone	2.188	43	3518	5.636	ug/L	86
17) Methyl tert-butyl Ether	2.767	73	1787	0.161	ug/L #	92
22) cis-1,2-Dichloroethene	3.915	96	562	0.100	ug/L #	93
25) Chloroform	4.378	83	17335	1.439	ug/L	96
27) 1,2-Dichloroethane	5.047	62	749	0.118	ug/L #	72
34) Trichloroethene	5.925	95	479	0.075	ug/L #	73
35) Methylcyclohexane	6.072	83	12220	1.334	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5077	0.791	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1083	0.136	ug/L #	77
42) Toluene	7.397	91	5625	0.218	ug/L	95
47) Tetrachloroethene	7.982	164	1997	0.370	ug/L	84
48) 2-Hexanone	8.149	43	6863	3.060	ug/L #	48
49) Dibromochloromethane	7.986	129	1729	0.324	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	4344	1.654	ug/L #	67

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

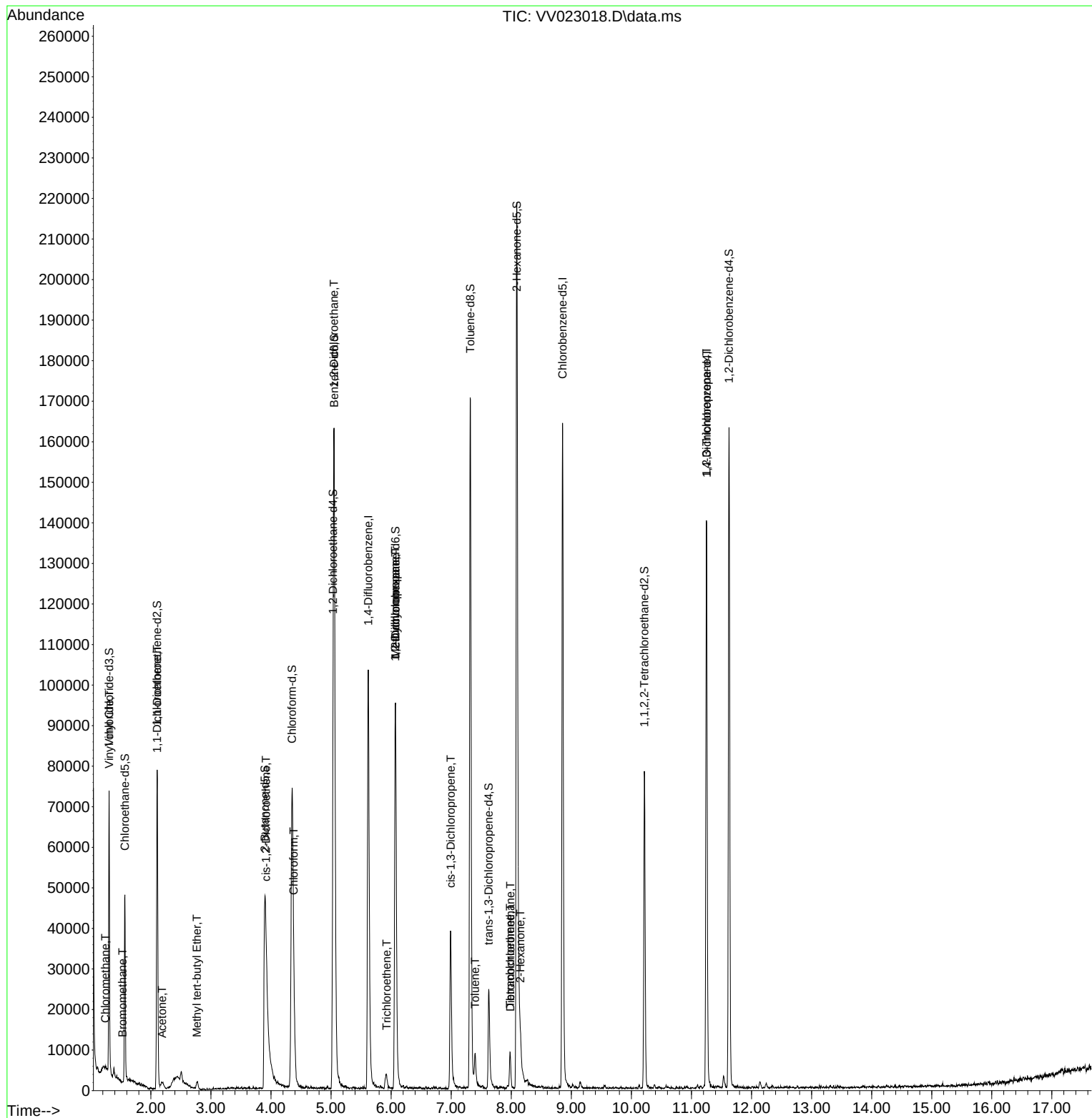
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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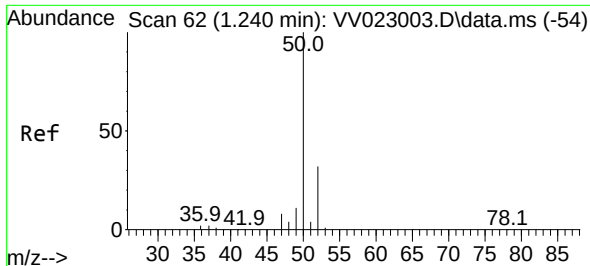
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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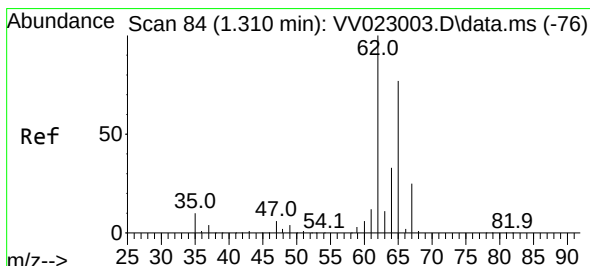
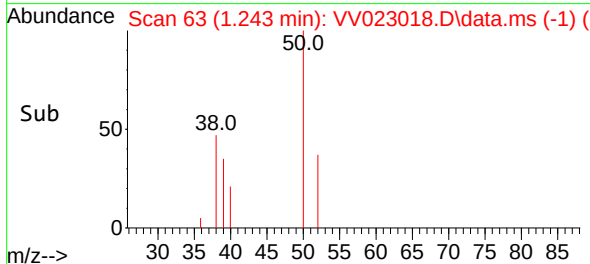
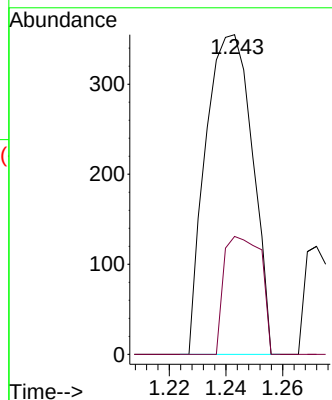
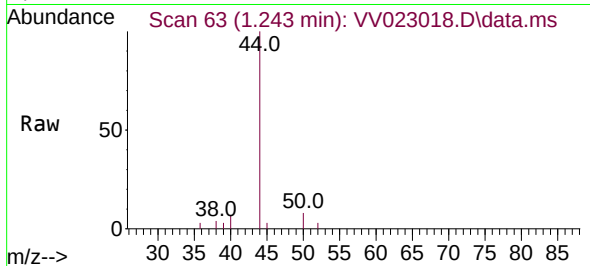




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35

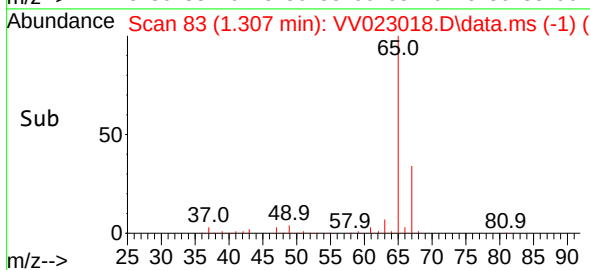
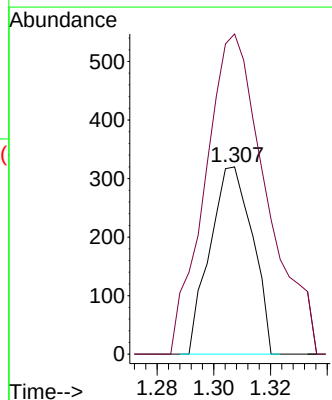
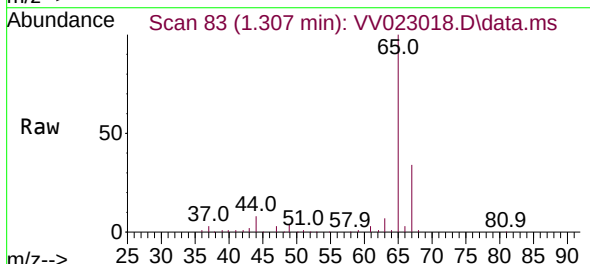
Instrument :
MSVOA_V
ClientSampleId :

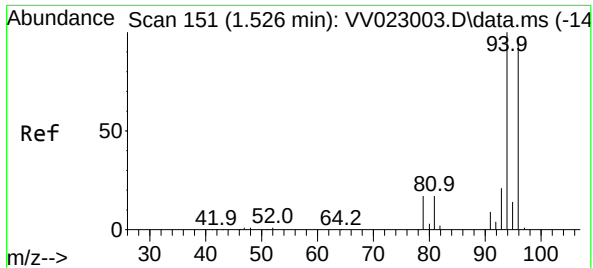
Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 36.9 24.3 45.1



#5
Vinyl chloride
Concen: 0.052 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35

Tgt Ion: 62 Resp: 334
Ion Ratio Lower Upper
62 100
64 170.9 23.1 42.9#

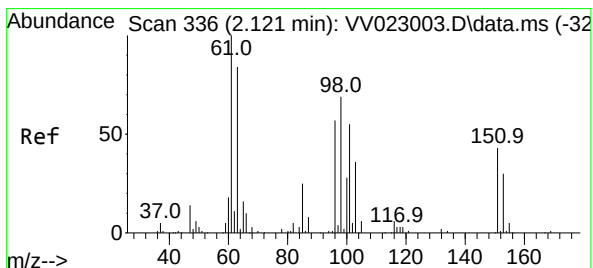
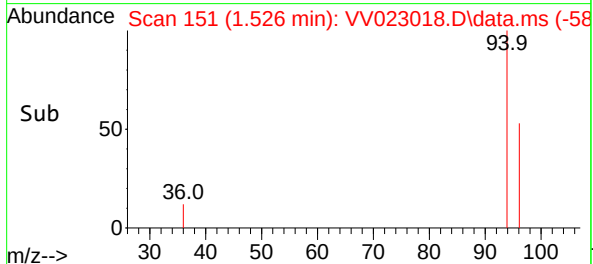
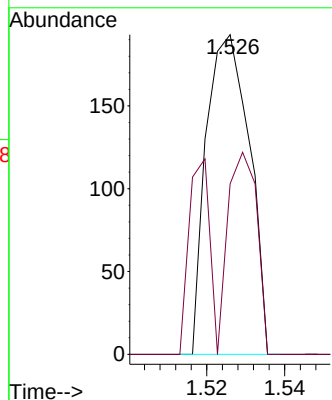
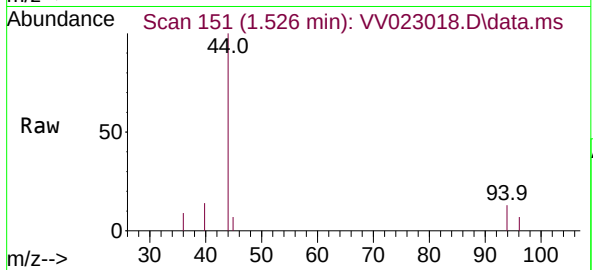




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35

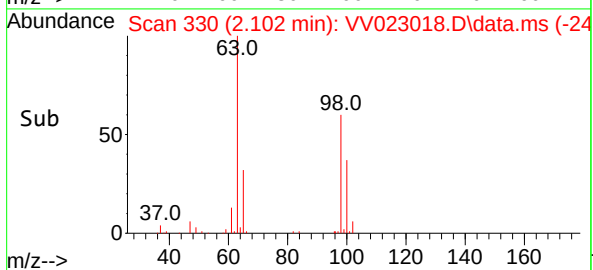
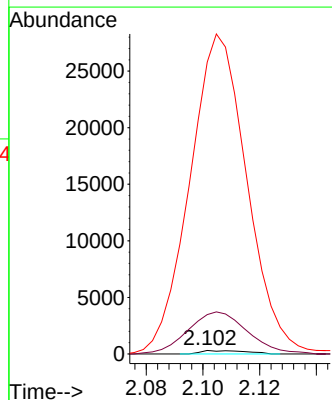
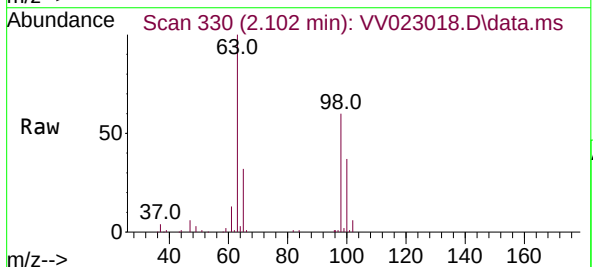
Instrument :
MSVOA_V
ClientSampleId :

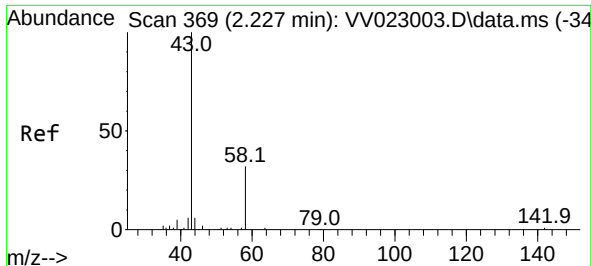
Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 53.4 65.0 120.8#



#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.102 min Scan# 330
Delta R.T. -0.019 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35

Tgt Ion: 96 Resp: 333
Ion Ratio Lower Upper
96 100
61 1092.1 121.5 225.7#
63 8110.7 99.6 185.0#





#13

Acetone

Concen: 5.636 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.038 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Instrument :

MSVOA_V

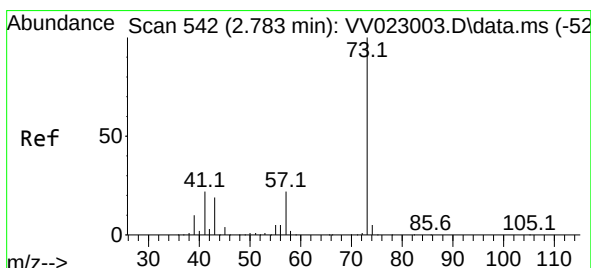
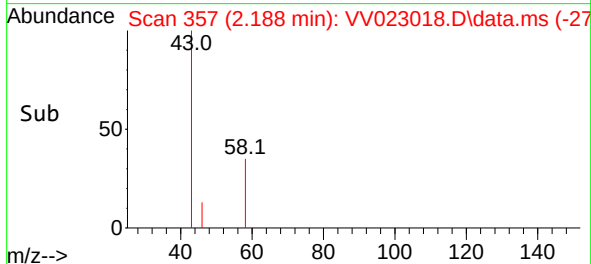
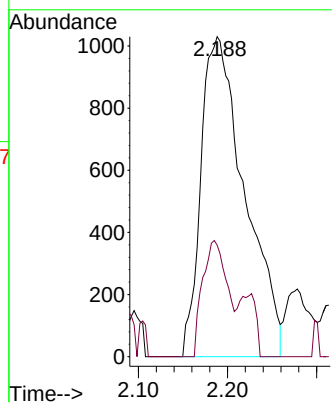
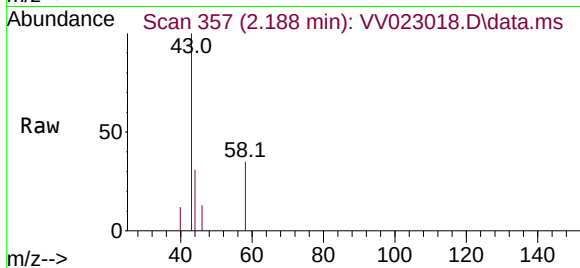
ClientSampleId :

Tgt Ion: 43 Resp: 3518

Ion Ratio Lower Upper

43 100

58 20.3 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.161 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.016 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

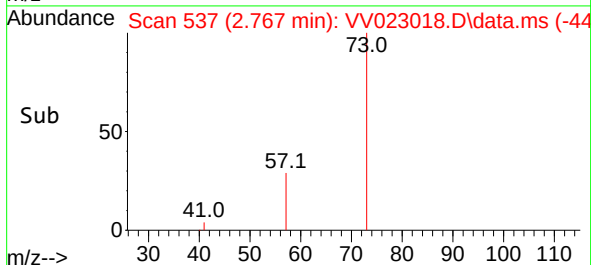
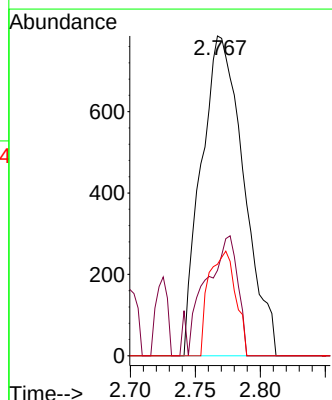
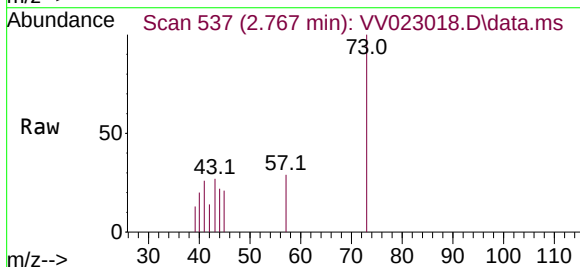
Tgt Ion: 73 Resp: 1787

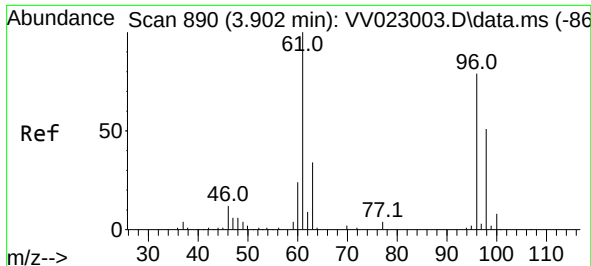
Ion Ratio Lower Upper

73 100

43 28.8 17.4 26.0#

57 20.6 16.5 24.7





#22

cis-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Instrument :

MSVOA_V

ClientSampleId :

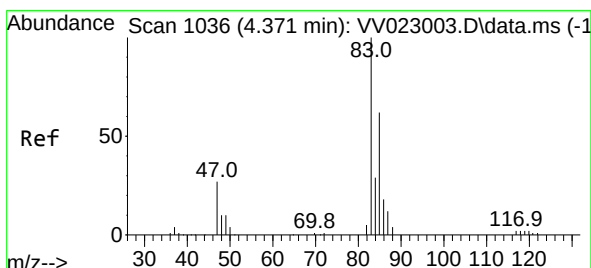
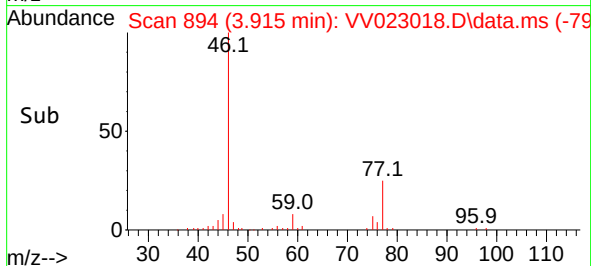
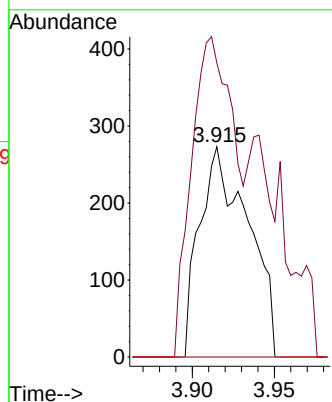
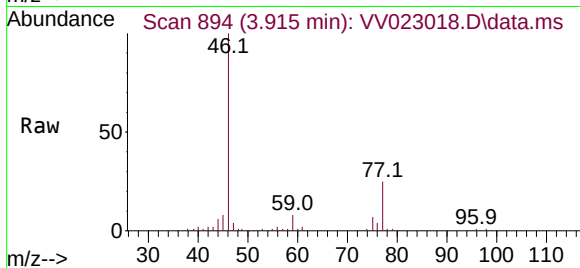
Tgt Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 139.9 92.3 171.3

68 0.0 0.4 0.8#



#25

Chloroform

Concen: 1.439 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VV023018.D

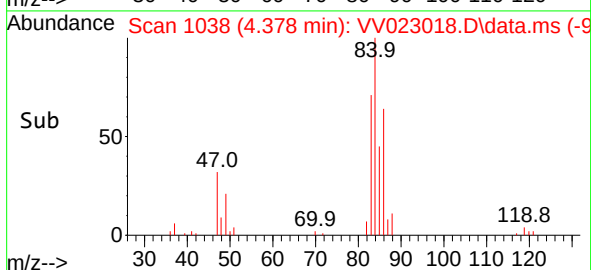
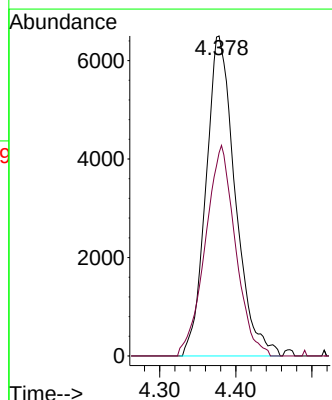
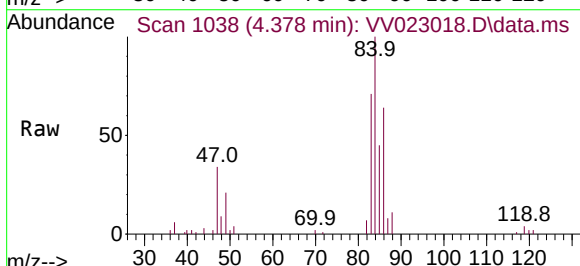
Acq: 23 Oct 2021 18:35

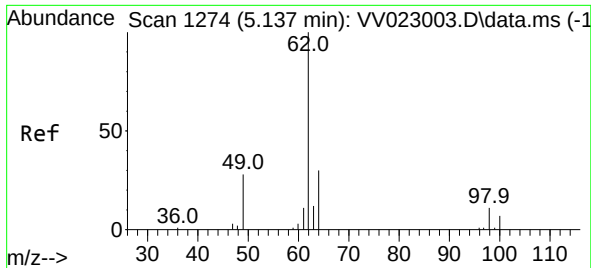
Tgt Ion: 83 Resp: 17335

Ion Ratio Lower Upper

83 100

85 63.5 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Instrument :

MSVOA_V

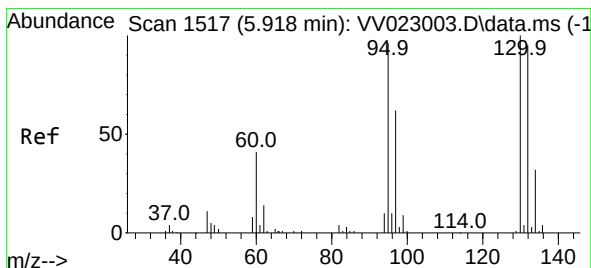
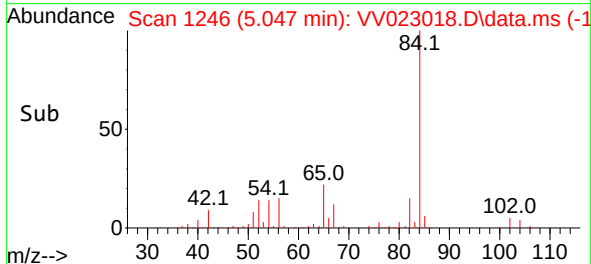
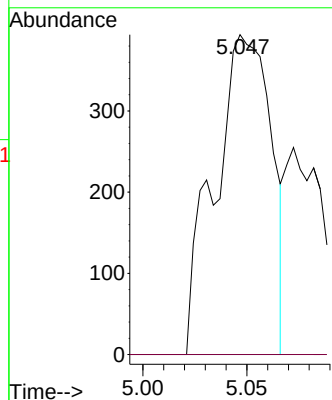
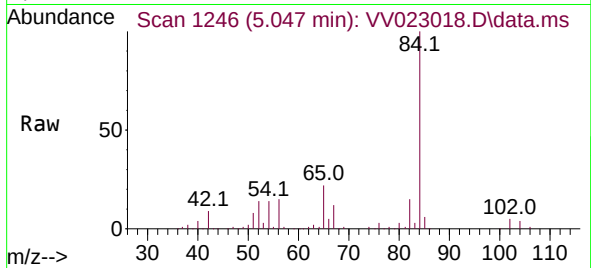
ClientSampleId :

Tgt Ion: 62 Resp: 749

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.075 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.007 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Tgt Ion: 95 Resp: 479

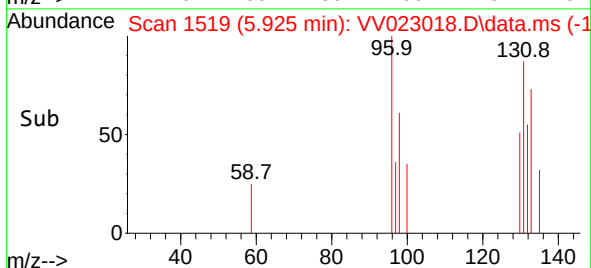
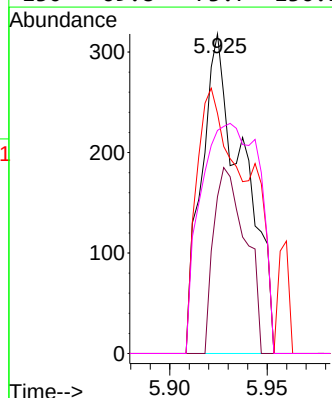
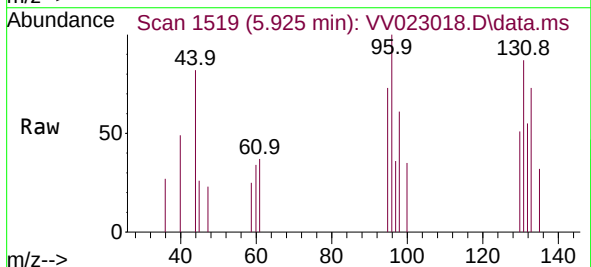
Ion Ratio Lower Upper

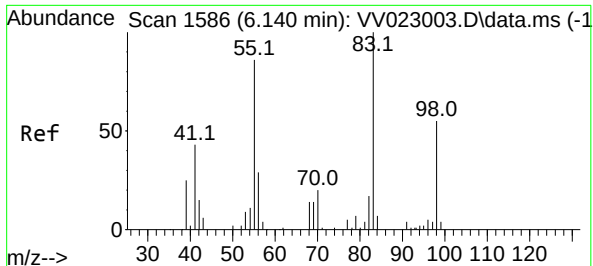
95 100

97 49.1 45.0 83.6

132 75.2 69.7 129.4

130 69.8 73.7 136.9#





#35

Methylcyclohexane

Concen: 1.334 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.067 min

Lab File: VV023018.D

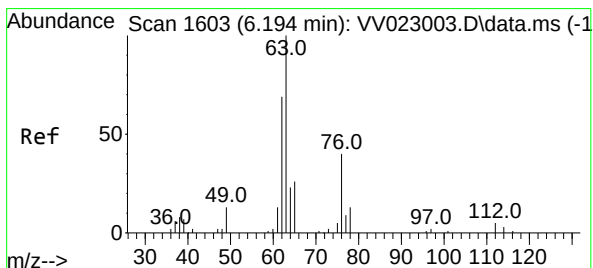
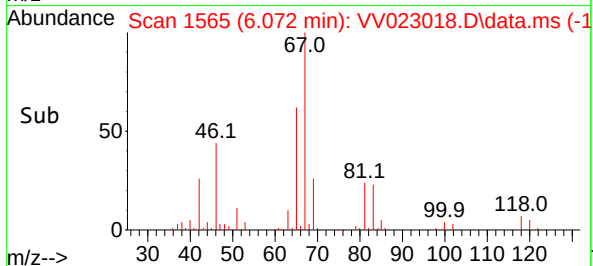
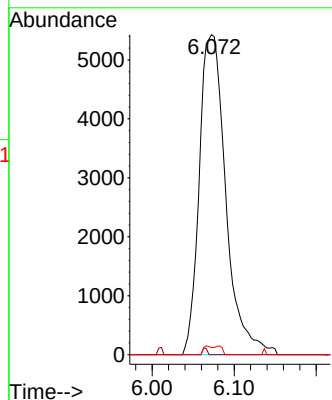
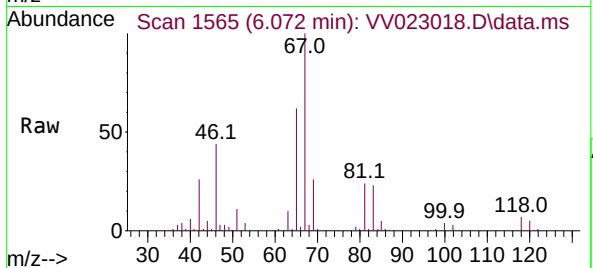
Acq: 23 Oct 2021 18:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12220
Ion Ratio	Lower Upper
83 100	
55 0.3	62.8 94.2#
98 0.8	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.791 ug/L

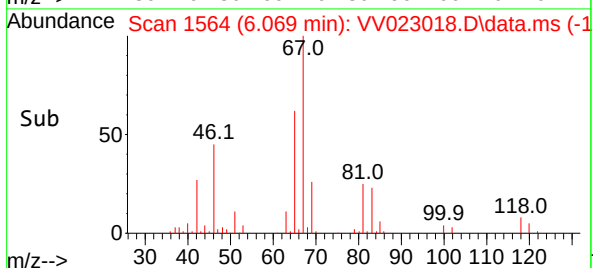
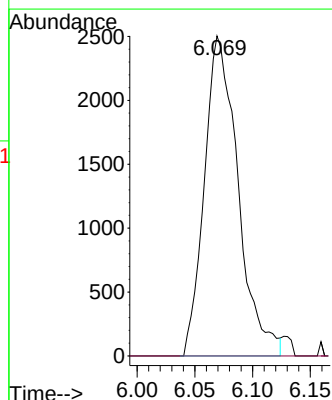
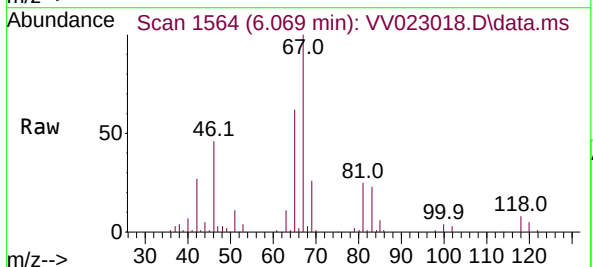
RT: 6.069 min Scan# 1564

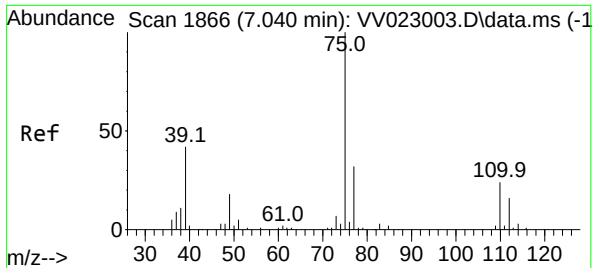
Delta R.T. -0.125 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Tgt Ion: 63	Resp: 5077
Ion Ratio	Lower Upper
63 100	
112 0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 6.992 min Scan# 1866

Delta R.T. -0.048 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

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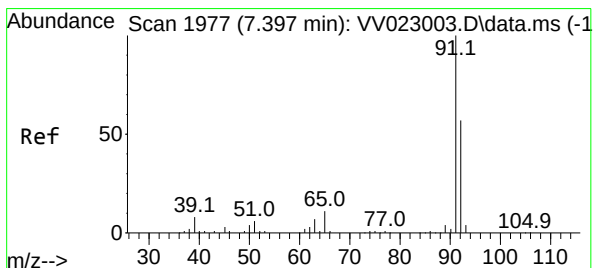
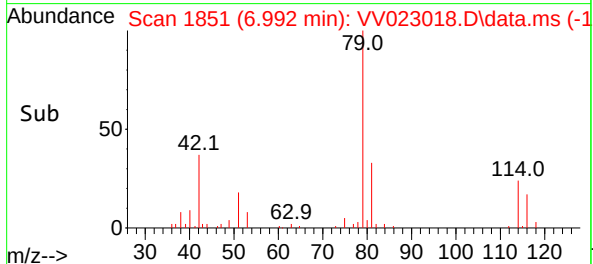
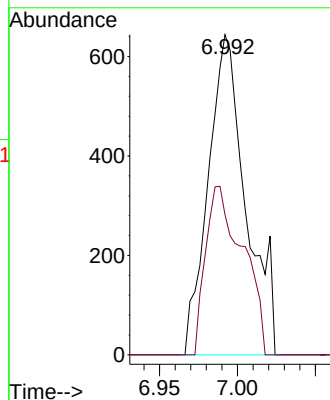
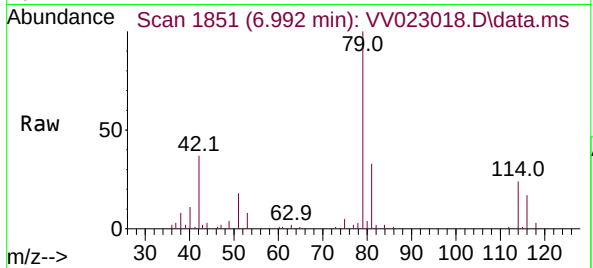
ClientSampleId :

Tgt Ion: 75 Resp: 1083

Ion Ratio Lower Upper

75 100

77 43.8 21.6 40.2#



#42

Toluene

Concen: 0.218 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VV023018.D

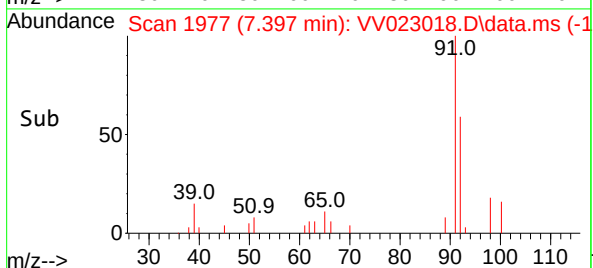
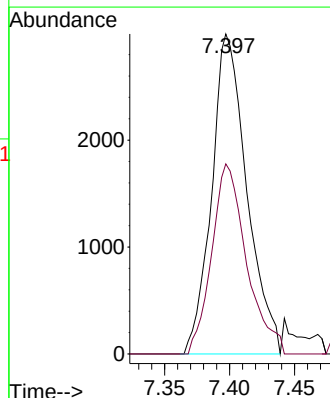
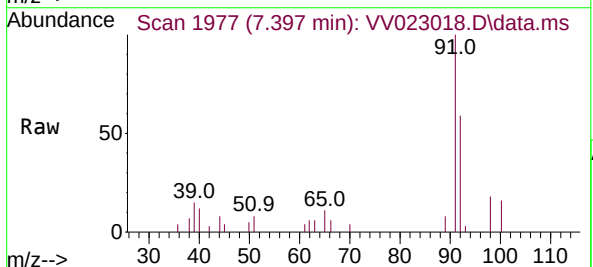
Acq: 23 Oct 2021 18:35

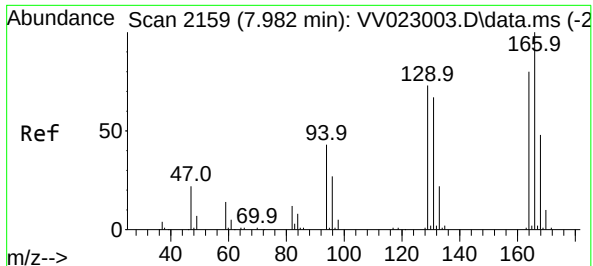
Tgt Ion: 91 Resp: 5625

Ion Ratio Lower Upper

91 100

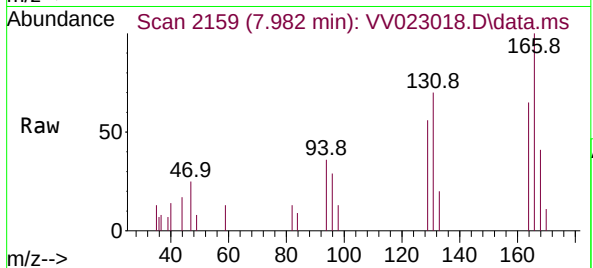
92 59.4 39.3 72.9



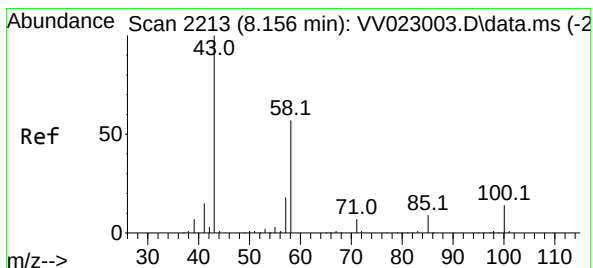
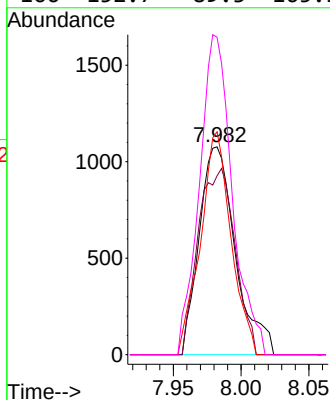
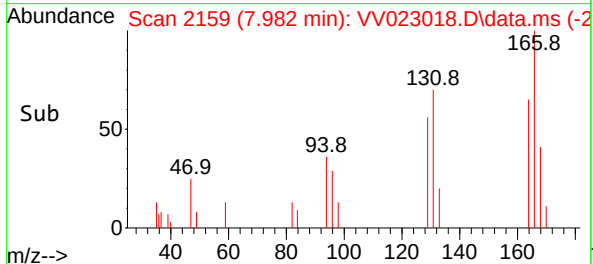


#47
Tetrachloroethene
Concen: 0.370 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35

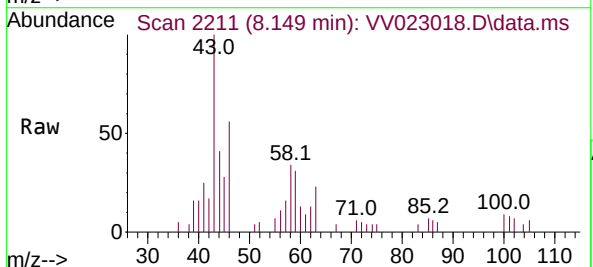
Instrument :
MSVOA_V
ClientSampleId :



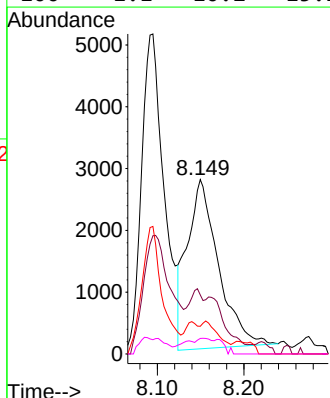
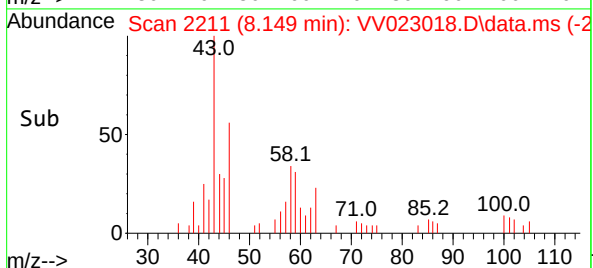
Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.1	64.0	119.0
131	107.2	63.4	117.8
166	152.7	89.3	165.9

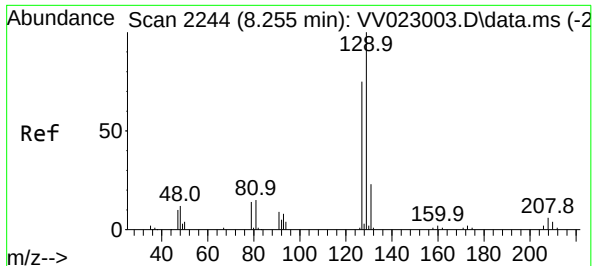


#48
2-Hexanone
Concen: 3.060 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV023018.D
Acq: 23 Oct 2021 18:35



Tgt Ion	Ratio	Lower	Upper
43	100		
58	5.2	43.7	65.5#
57	10.6	14.1	21.1#
100	1.1	10.2	15.2#





#49

Dibromochloromethane

Concen: 0.324 ug/L

RT: 7.986 min Scan# 2160

Delta R.T. -0.270 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Instrument :

MSVOA_V

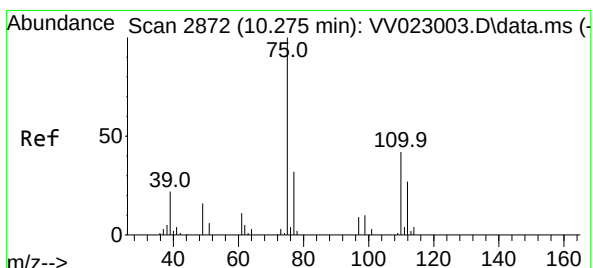
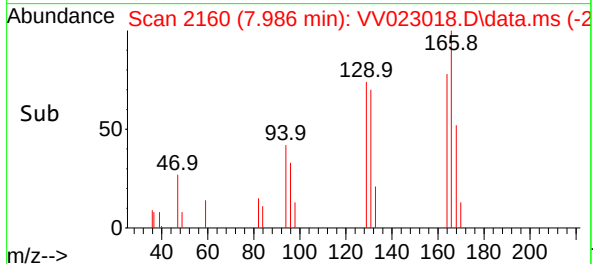
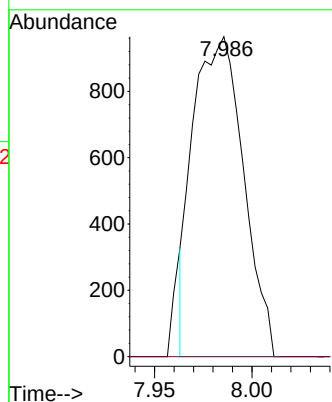
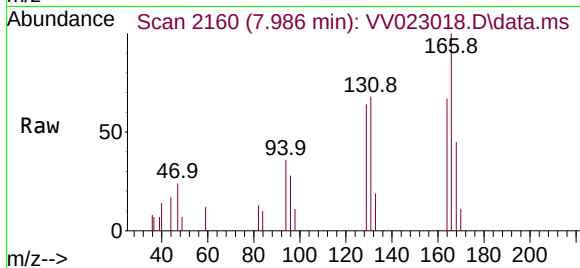
ClientSampleId :

Tgt Ion:129 Resp: 1729

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.654 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023018.D

Acq: 23 Oct 2021 18:35

Tgt Ion: 75 Resp: 4344

Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8

110 3.1 31.8 47.6#

