

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023561.D
 Acq On : 17 Nov 2021 02:20
 Operator : SY/MD
 Sample : M4627-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4673

Quant Time: Nov 17 03:42:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121744	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32687	4.286	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.568	69	22801	3.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.114	63	80838	5.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.200%
20) 2-Butanone-d5	3.899	46	71839	54.674	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	4.349	84	62767	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.037	65	31318	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.053	84	113011	3.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.069	67	36752	4.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.317	98	100889	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.625	79	13029	3.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.092	63	52885	42.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26767	4.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	42448	4.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	1070798	106.227	ug/L	100
8) Chloroethane	1.436	64	33679	5.790	ug/L #	51
12) 1,1-Dichloroethene	2.121	96	83677	11.526	ug/L #	70
13) Acetone	2.198	43	1842	2.294	ug/L	74
14) Carbon disulfide	2.294	76	1915	0.070	ug/L #	90
15) Methyl Acetate	2.503	43	952	0.419	ug/L #	47
18) trans-1,2-Dichloroethene	2.761	96	312691	35.037	ug/L	98
19) 1,1-Dichloroethane	3.195	63	18390	1.220	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	995379	115.890	ug/L #	91
30) Cyclohexane	4.683	56	1632	0.127	ug/L	86
33) Benzene	5.108	78	12626	0.382	ug/L	100
34) Trichloroethene	5.912	95	328675	37.414	ug/L	97
35) Methylcyclohexane	6.072	83	9293	0.670	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	4141	0.537	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1086	0.098	ug/L #	50
42) Toluene	7.397	91	3963	0.112	ug/L	90
48) 2-Hexanone	8.150	43	2583	1.031	ug/L #	90
61) 1,2,3-Trichloropropane	11.249	75	5987	1.581	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.680	75	116	0.144	ug/L #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023561.D
Acq On : 17 Nov 2021 02:20
Operator : SY/MD
Sample : M4627-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4673

Quant Time: Nov 17 03:42:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

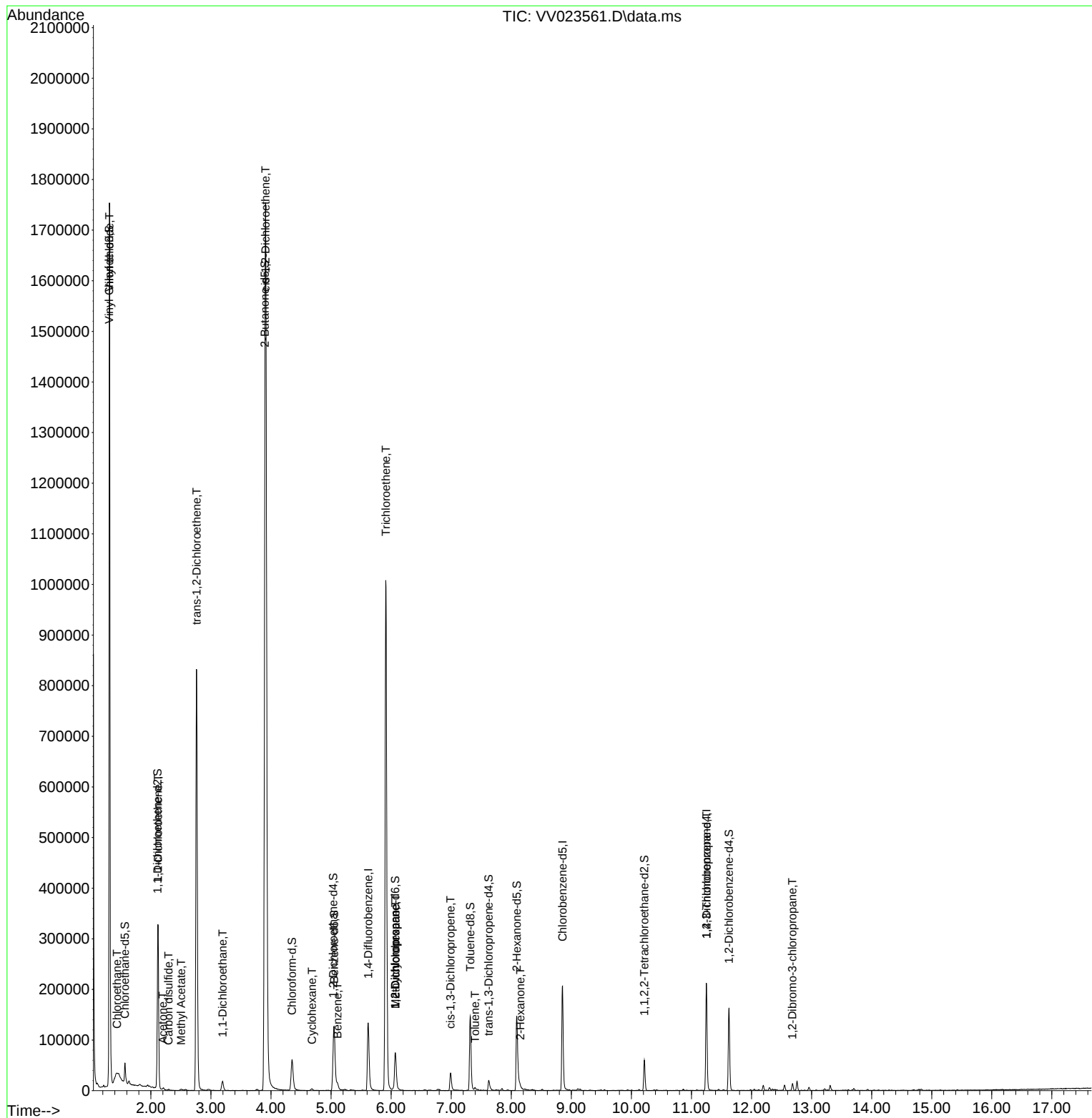
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

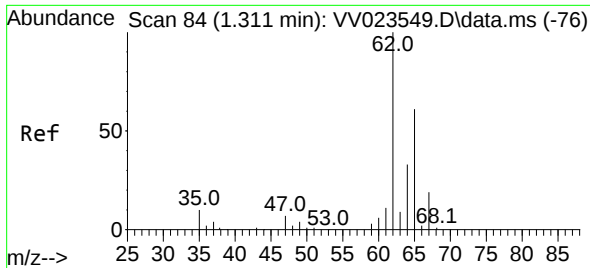
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023561.D
Acq On : 17 Nov 2021 02:20
Operator : SY/MD
Sample : M4627-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4673

Quant Time: Nov 17 03:42:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

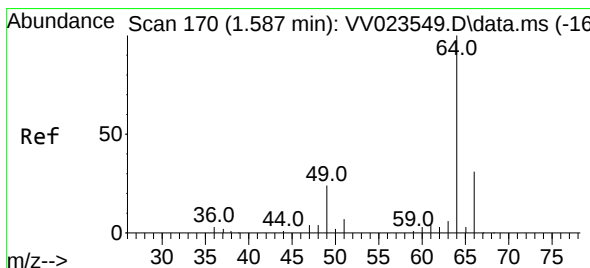
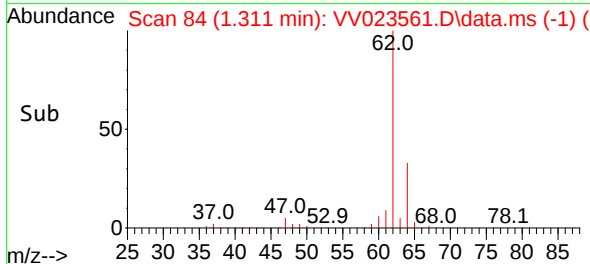
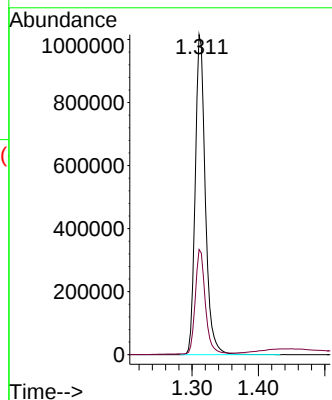
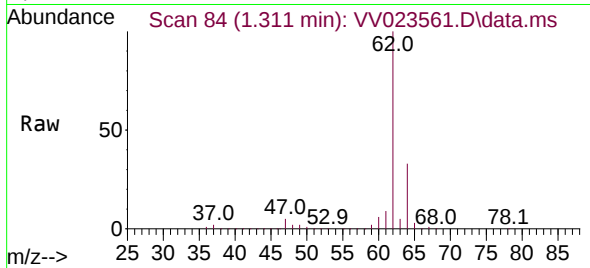




#5
 Vinyl chloride
 Concen: 106.227 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023561.D
 Acq: 17 Nov 2021 02:20

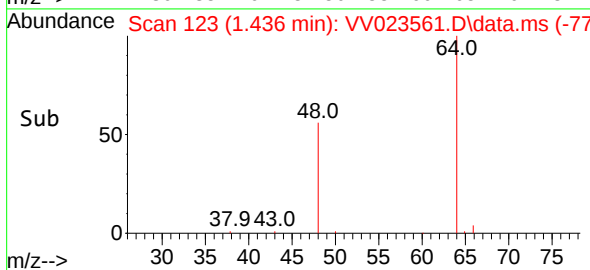
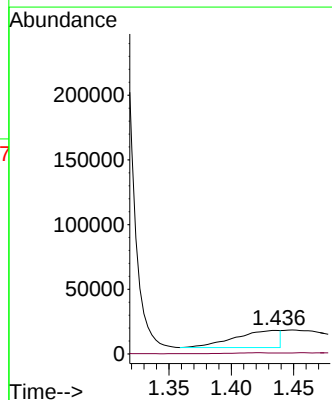
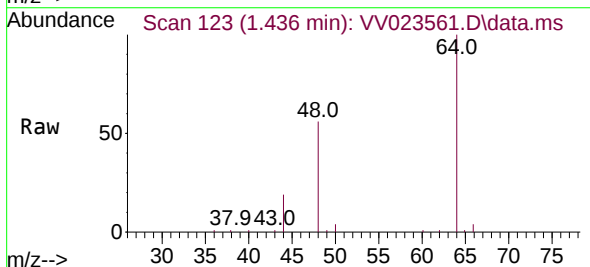
Instrument :
 MSVOA_V
 ClientSampleId :
 H4673

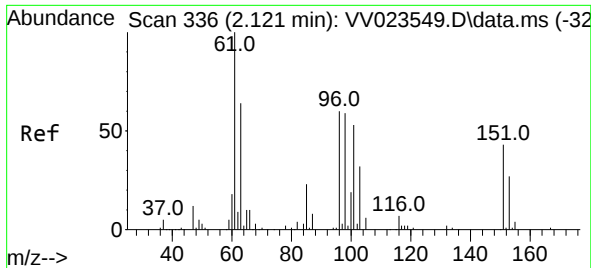
Tgt Ion: 62 Resp: 1070798
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#8
 Chloroethane
 Concen: 5.790 ug/L
 RT: 1.436 min Scan# 123
 Delta R.T. -0.151 min
 Lab File: VV023561.D
 Acq: 17 Nov 2021 02:20

Tgt Ion: 64 Resp: 33679
 Ion Ratio Lower Upper
 64 100
 66 4.3 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 11.526 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023561.D

Acq: 17 Nov 2021 02:20

Instrument :

MSVOA_V

ClientSampleId :

H4673

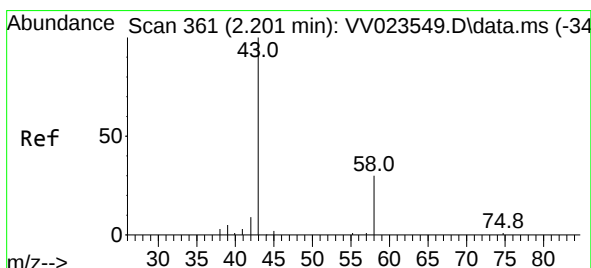
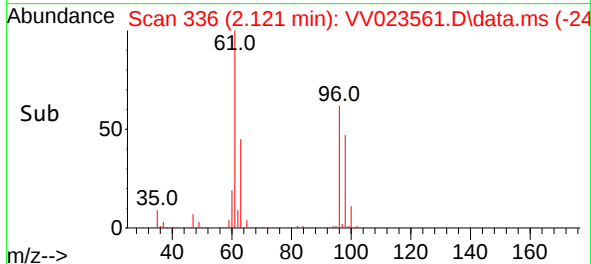
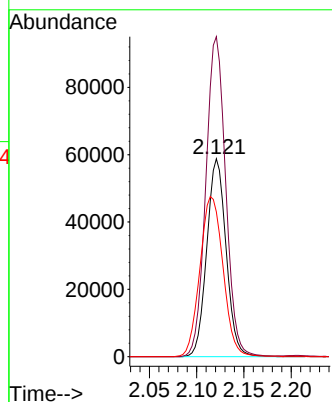
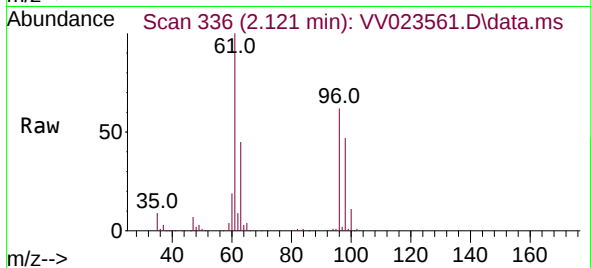
Tgt Ion: 96 Resp: 83677

Ion Ratio Lower Upper

96 100

61 161.7 121.5 225.7

63 73.2 99.6 185.0



#13

Acetone

Concen: 2.294 ug/L

RT: 2.198 min Scan# 360

Delta R.T. -0.003 min

Lab File: VV023561.D

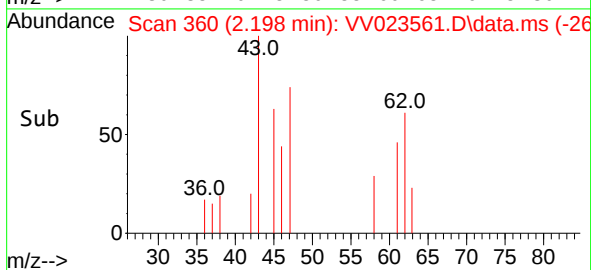
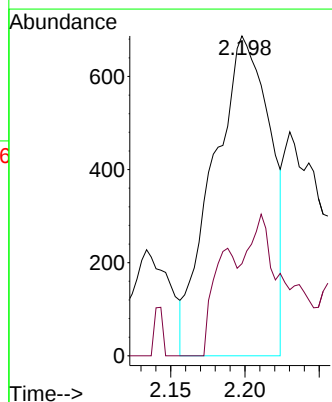
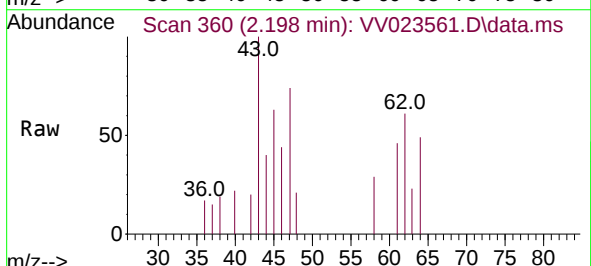
Acq: 17 Nov 2021 02:20

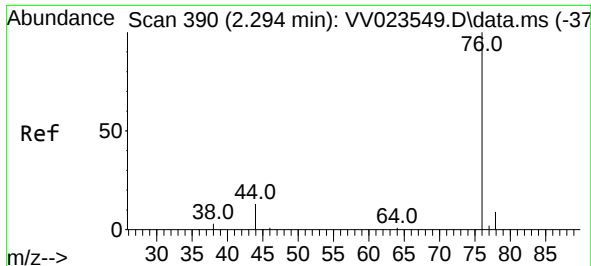
Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

58 14.0 0.0 55.4

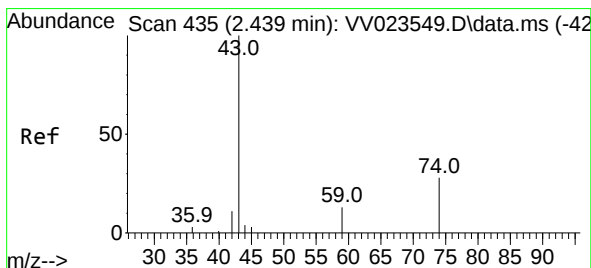
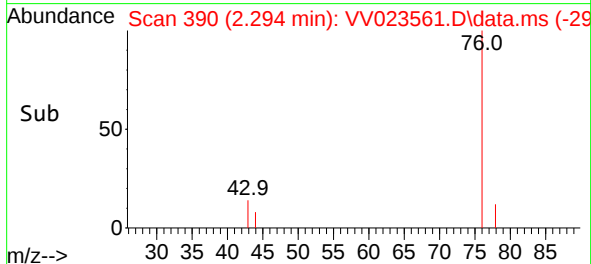
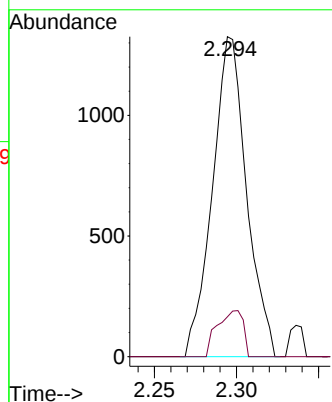
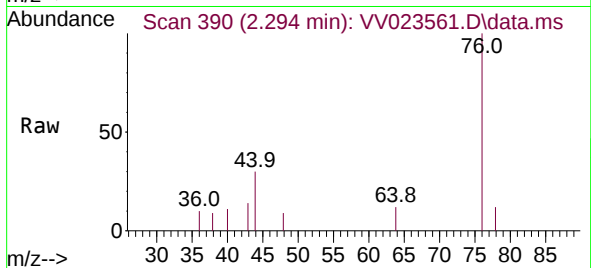




#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

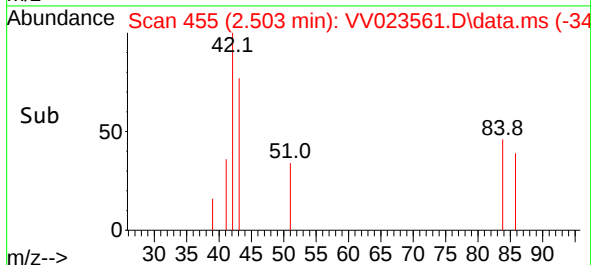
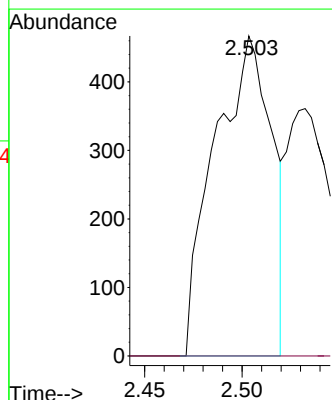
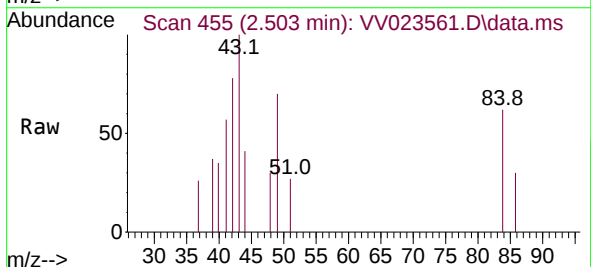
Instrument :
MSVOA_V
ClientSampleId :
H4673

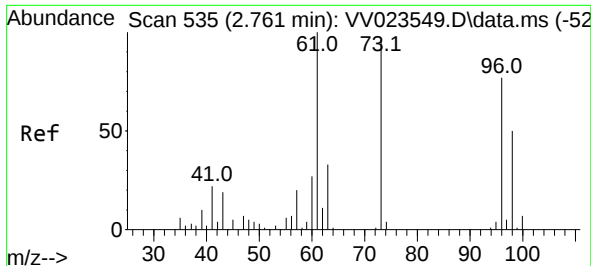
Tgt Ion: 76 Resp: 1915
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#



#15
Methyl Acetate
Concen: 0.419 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.064 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

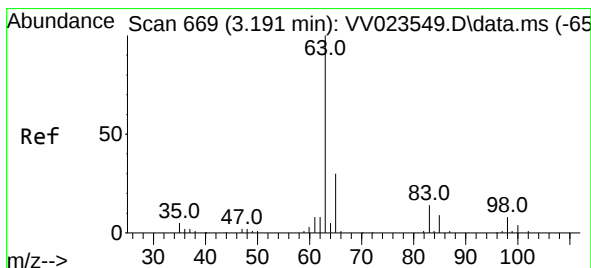
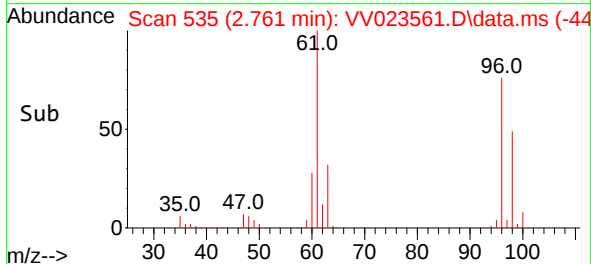
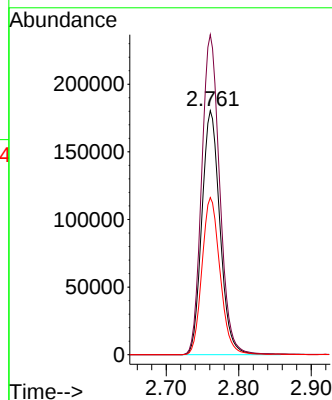
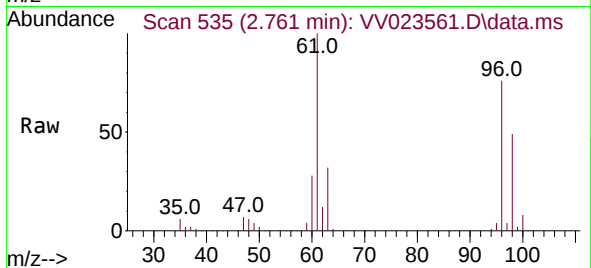




#18
trans-1,2-Dichloroethene
Concen: 35.037 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

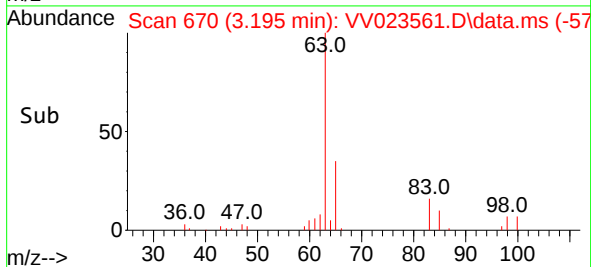
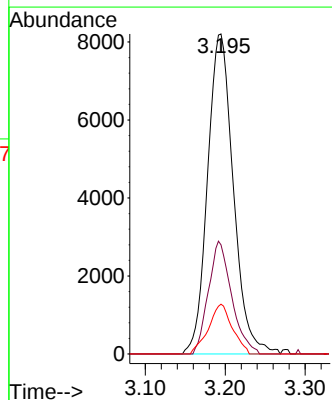
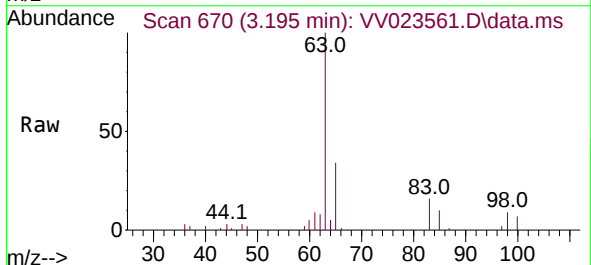
Instrument :
MSVOA_V
ClientSampleId :
H4673

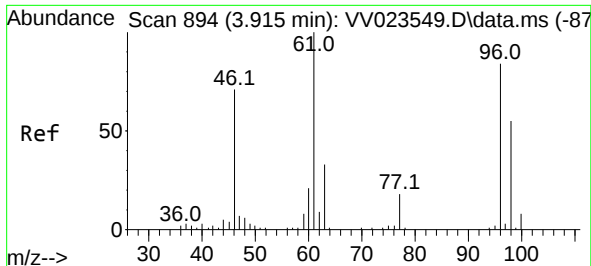
Tgt Ion: 96 Resp: 312691
Ion Ratio Lower Upper
96 100
61 131.2 93.2 173.2
98 64.4 47.0 87.2



#19
1,1-Dichloroethane
Concen: 1.220 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 63 Resp: 18390
Ion Ratio Lower Upper
63 100
65 34.1 22.6 42.0
83 15.6 11.1 20.7

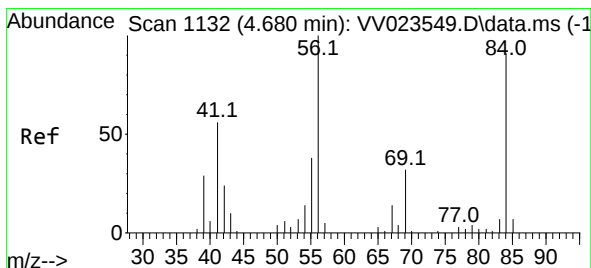
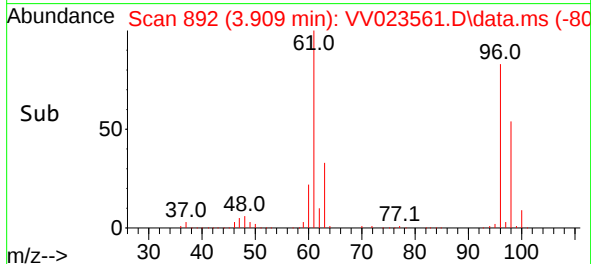
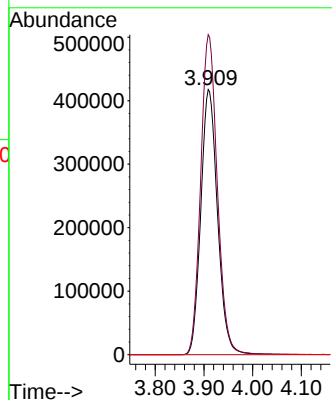
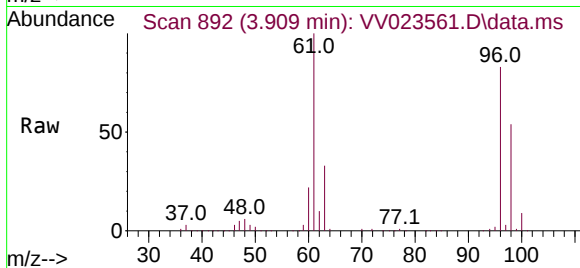




#22
 cis-1,2-Dichloroethene
 Concen: 115.890 ug/L
 RT: 3.909 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: VV023561.D
 Acq: 17 Nov 2021 02:20

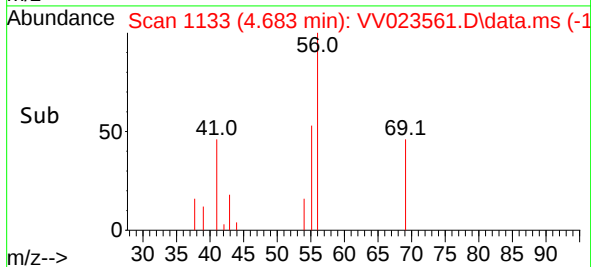
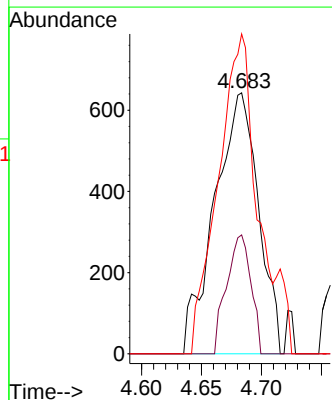
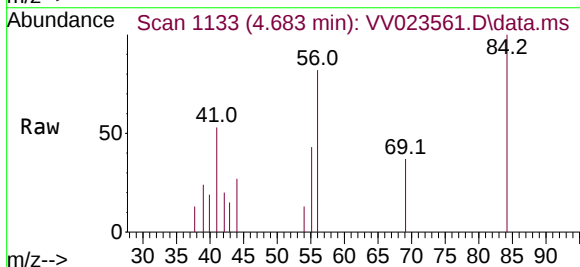
Instrument :
 MSVOA_V
 ClientSampleId :
 H4673

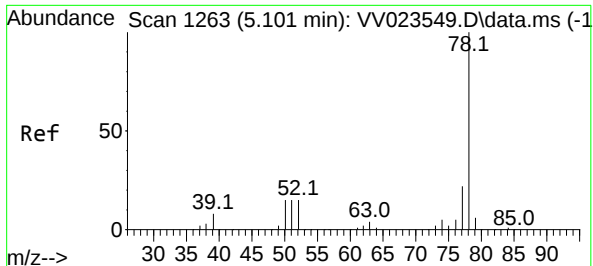
Tgt Ion: 96 Resp: 995379
 Ion Ratio Lower Upper
 96 100
 61 120.7 92.3 171.3
 68 0.0 0.4 0.8#



#30
 Cyclohexane
 Concen: 0.127 ug/L
 RT: 4.683 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VV023561.D
 Acq: 17 Nov 2021 02:20

Tgt Ion: 56 Resp: 1632
 Ion Ratio Lower Upper
 56 100
 69 25.3 23.5 35.3
 84 105.1 71.6 107.4

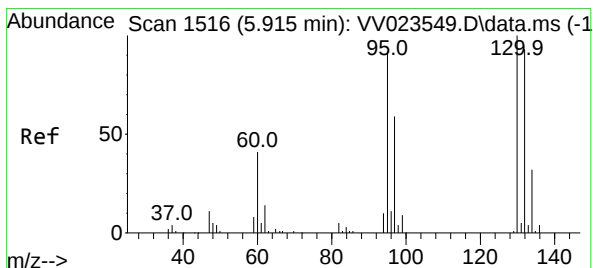
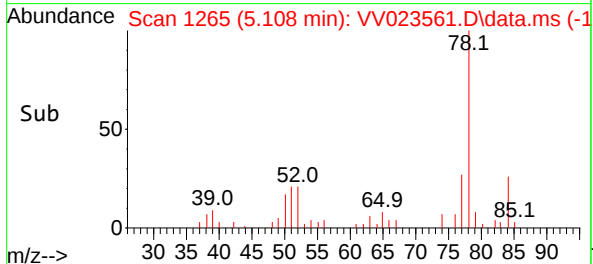
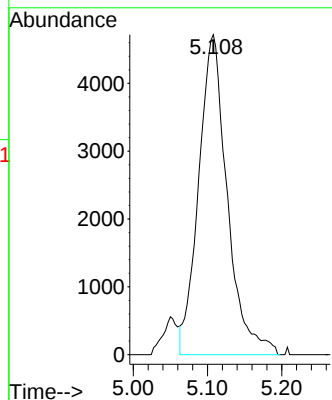
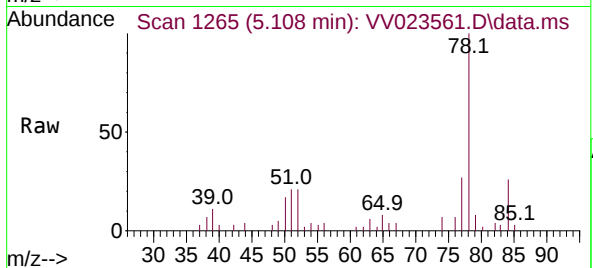




#33
Benzene
Concen: 0.382 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Instrument :
MSVOA_V
ClientSampleId :
H4673

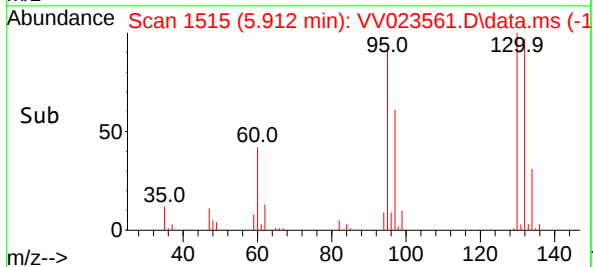
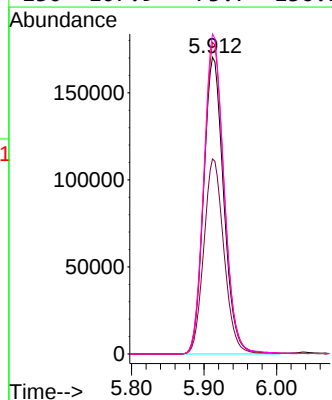
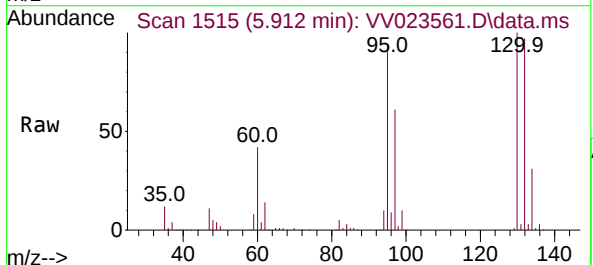
Tgt Ion: 78 Resp: 12626

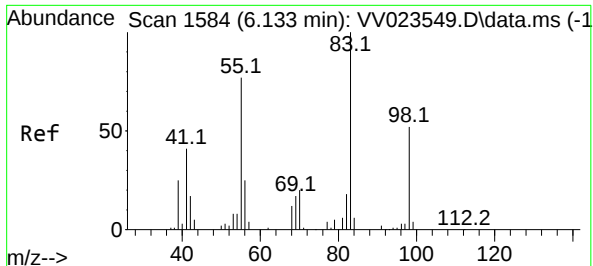


#34
Trichloroethene
Concen: 37.414 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 95 Resp: 328675

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.0	83.6
132	105.0	69.7	129.4
130	107.9	73.7	136.9

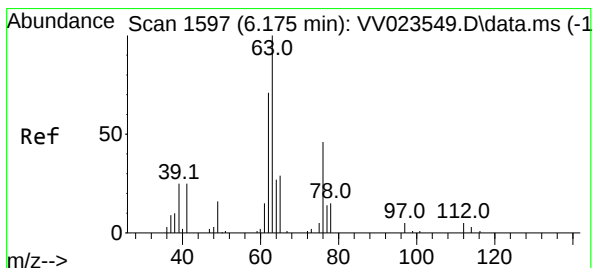
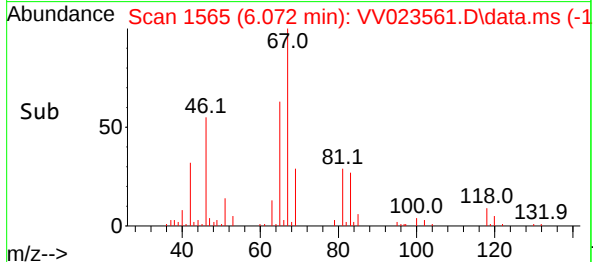
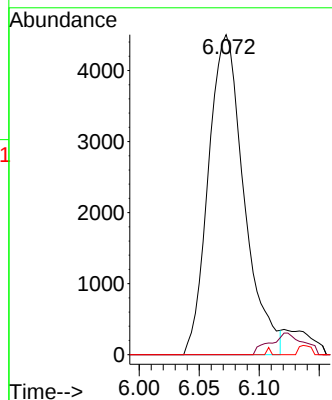
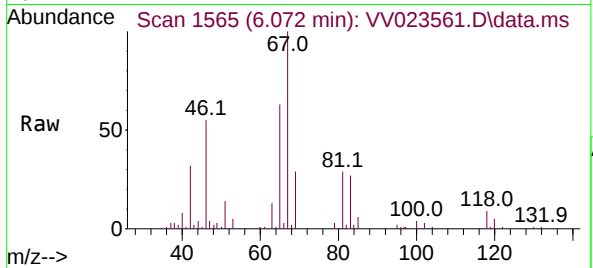




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

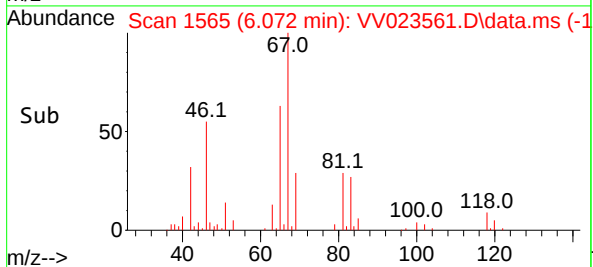
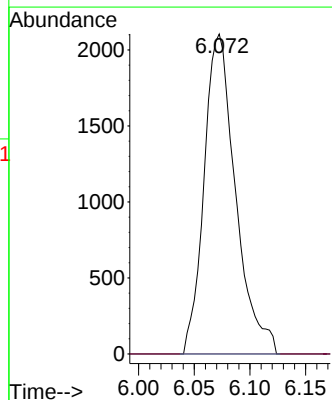
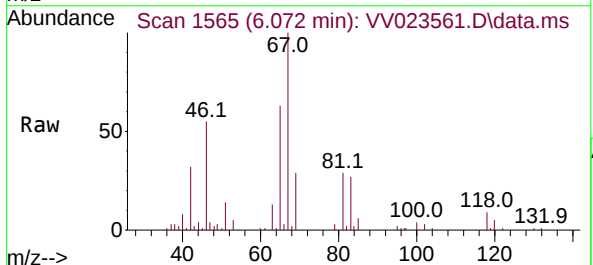
Instrument :
MSVOA_V
ClientSampleId :
H4673

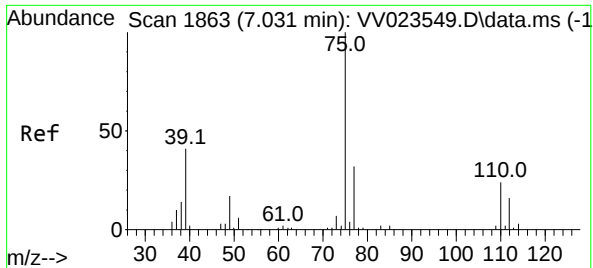
Tgt Ion: 83 Resp: 9293
Ion Ratio Lower Upper
83 100
55 6.3 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 63 Resp: 4141
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023561.D

Acq: 17 Nov 2021 02:20

Instrument :

MSVOA_V

ClientSampleId :

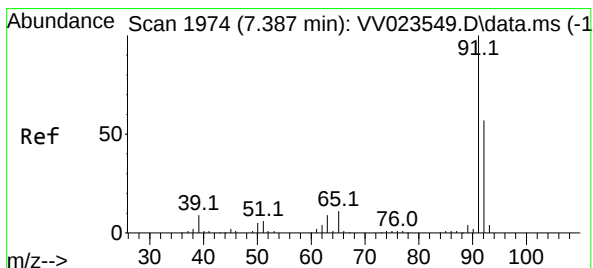
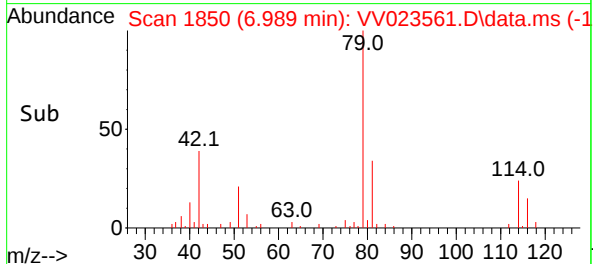
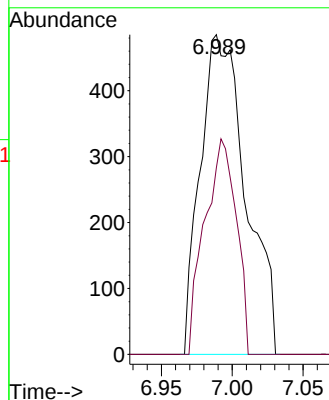
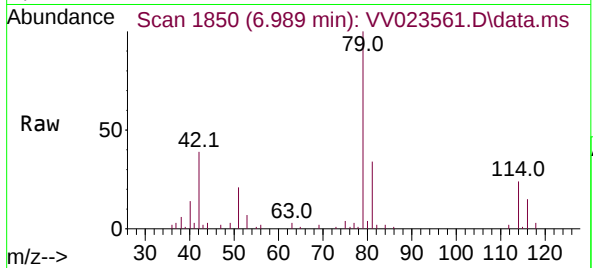
H4673

Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 58.4 21.6 40.2#



#42

Toluene

Concen: 0.112 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023561.D

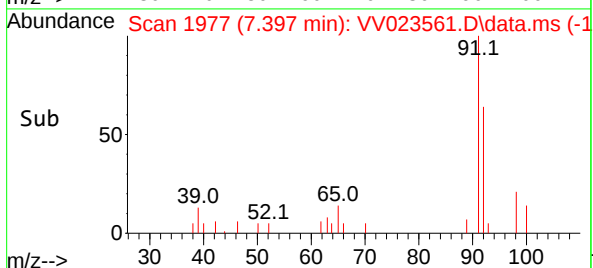
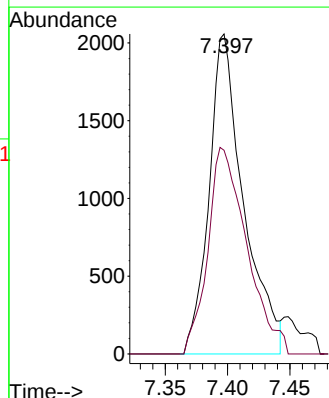
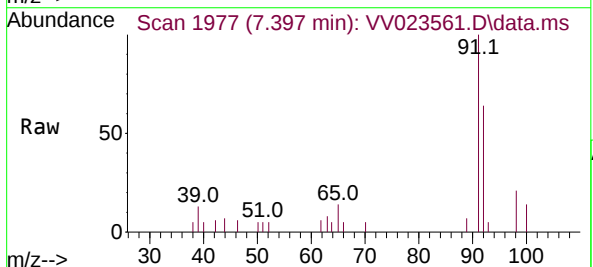
Acq: 17 Nov 2021 02:20

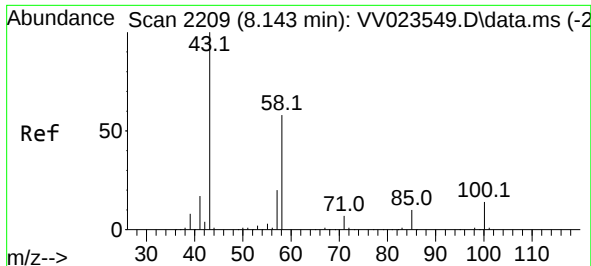
Tgt Ion: 91 Resp: 3963

Ion Ratio Lower Upper

91 100

92 63.7 39.3 72.9

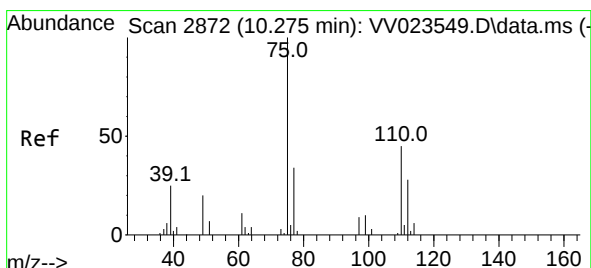
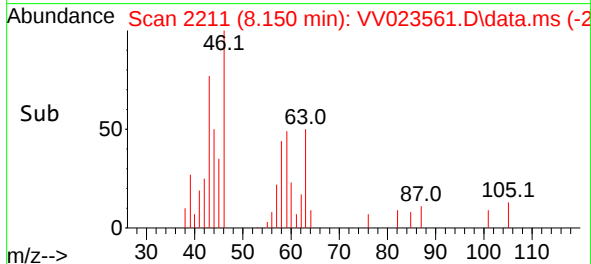
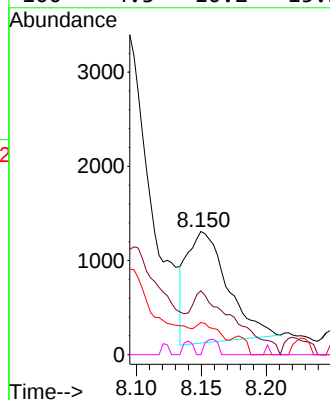
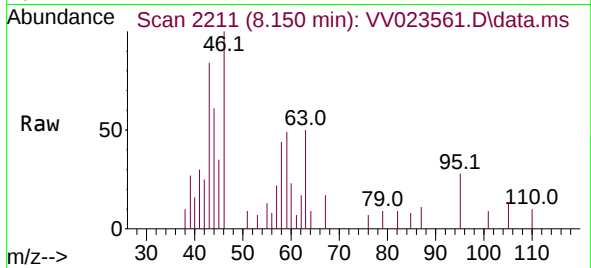




#48
2-Hexanone
Concen: 1.031 ug/L
RT: 8.150 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

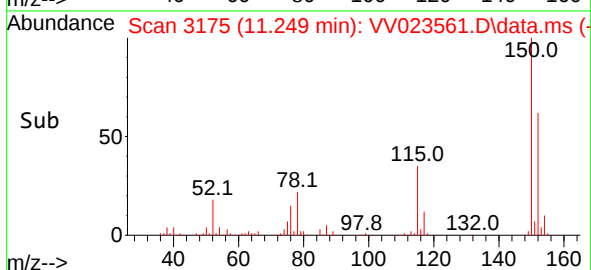
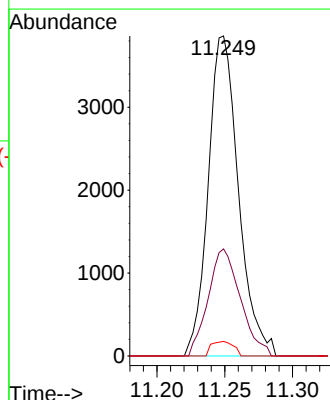
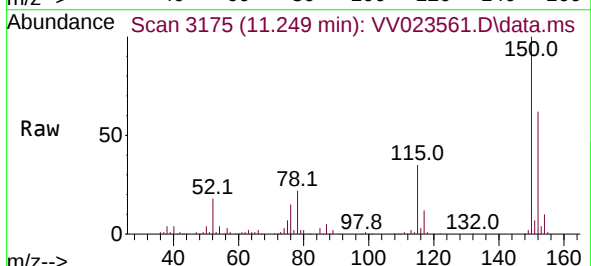
Instrument :
MSVOA_V
ClientSampleId :
H4673

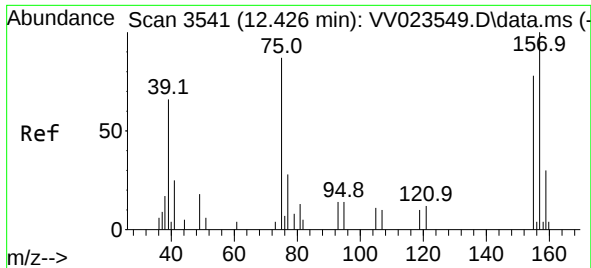
Tgt Ion: 43	Resp: 2583
Ion Ratio	Lower Upper
43 100	
58 61.9	43.7 65.5
57 17.5	14.1 21.1
100 4.3	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.581 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023561.D
Acq: 17 Nov 2021 02:20

Tgt Ion: 75	Resp: 5987		
Ion Ratio	Lower	Upper	
75 100			
77 35.6	26.6	39.8	
110 3.3	31.8	47.6#	





#68

1,2-Dibromo-3-chloropropane

Concen: 0.144 ug/L

RT: 12.680 min Scan# 30

Delta R.T. 0.254 min

Lab File: VV023561.D

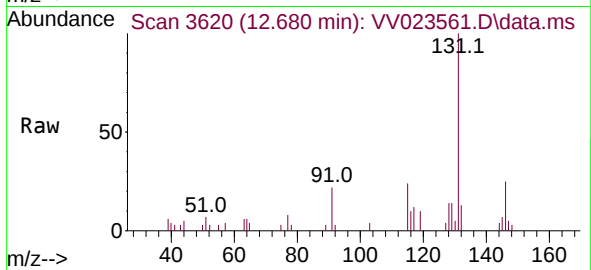
Acq: 17 Nov 2021 02:20

Instrument :

MSVOA_V

ClientSampleId :

H4673



Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

