

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023579.D
 Acq On : 17 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4627-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637DL

Quant Time: Nov 18 00:23:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

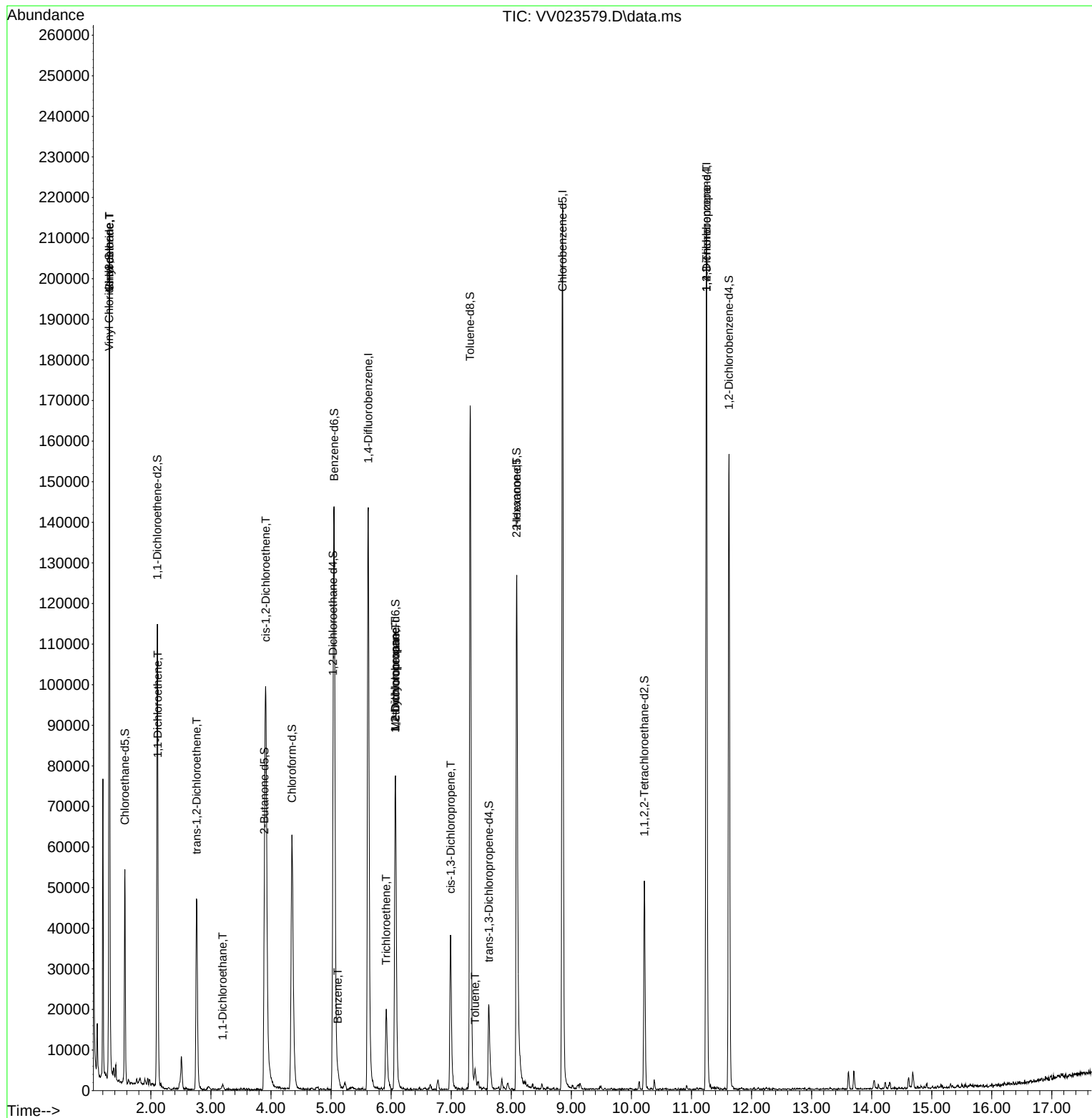
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41716	5.225	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.568	69	29654	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.108	63	56075	3.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.889	46	56779	41.277	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.560%
24) Chloroform-d	4.352	84	63011	3.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.034	65	31486	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.053	84	131039	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.072	67	37327	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.317	98	114070	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.629	79	13147	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.088	63	42866	33.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23703	3.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	41459	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	95823	9.080	ug/L	98
8) Chloroethane	1.311	64	30403	4.992	ug/L #	49
12) 1,1-Dichloroethene	2.118	96	2857	0.376	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	18705	2.002	ug/L	97
19) 1,1-Dichloroethane	3.195	63	1758	0.111	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46372	5.157	ug/L #	91
33) Benzene	5.111	78	3163	0.092	ug/L	100
34) Trichloroethene	5.918	95	6555	0.717	ug/L	95
35) Methylcyclohexane	6.072	83	9713	0.673	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4557	0.568	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1103	0.096	ug/L #	72
42) Toluene	7.397	91	3796	0.103	ug/L	85
48) 2-Hexanone	8.092	43	5912	2.265	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	5980	1.562	ug/L #	66

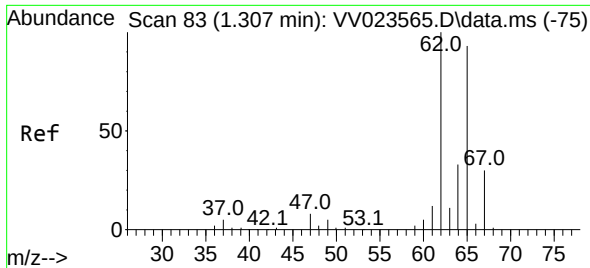
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023579.D
Acq On : 17 Nov 2021 18:59
Operator : SY/MD
Sample : M4627-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4637DL

Quant Time: Nov 18 00:23:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

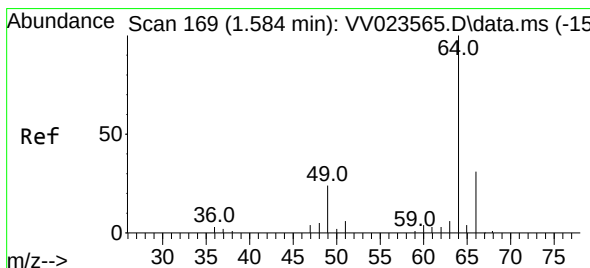
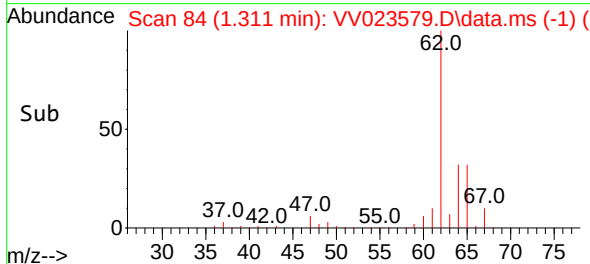
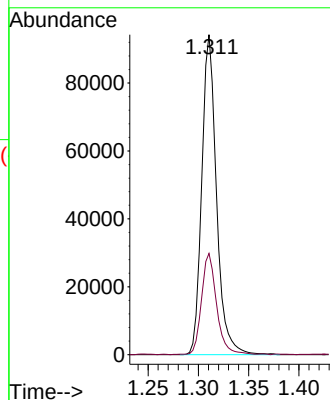
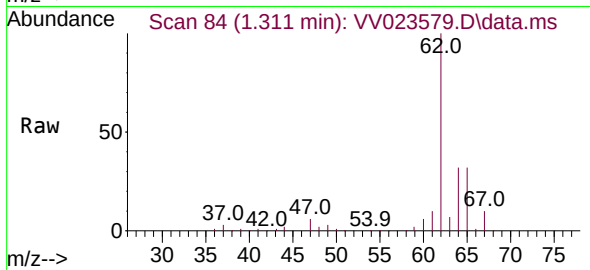




#5
 Vinyl chloride
 Concen: 9.080 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

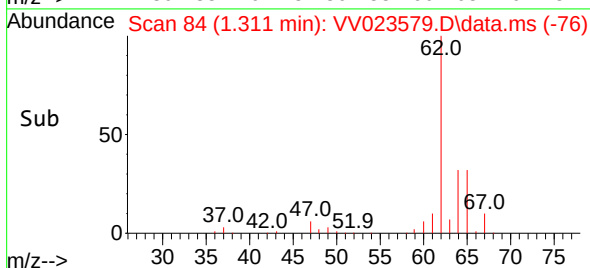
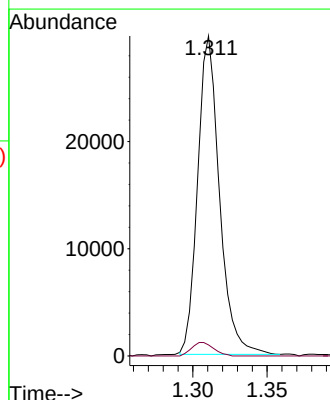
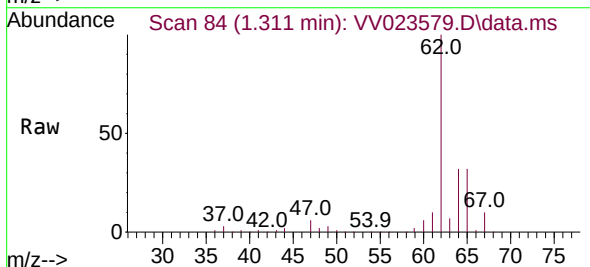
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637DL

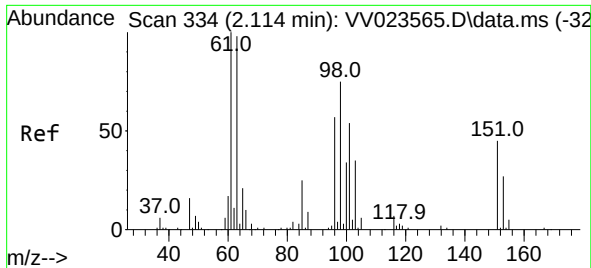
Tgt Ion: 62 Resp: 95823
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.1 42.9



#8
 Chloroethane
 Concen: 4.992 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV023579.D
 Acq: 17 Nov 2021 18:59

Tgt Ion: 64 Resp: 30403
 Ion Ratio Lower Upper
 64 100
 66 3.4 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.376 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

H4637DL

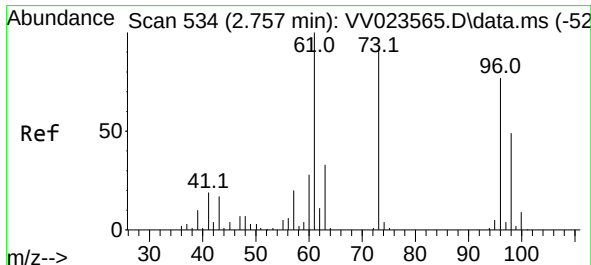
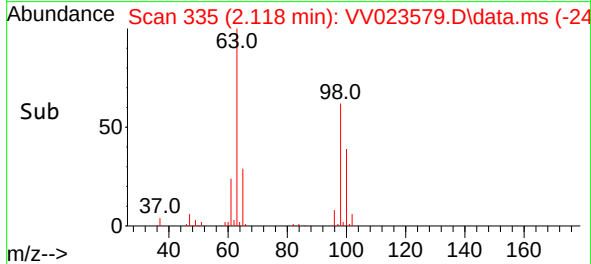
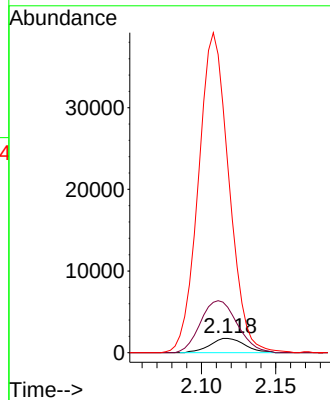
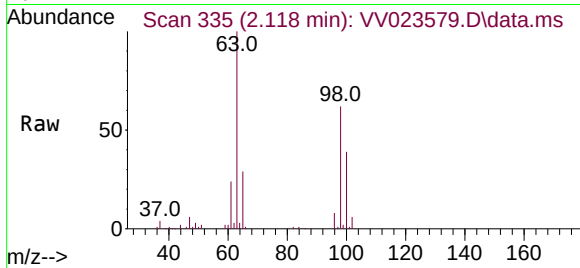
Tgt Ion: 96 Resp: 2857

Ion Ratio Lower Upper

96 100

61 316.9 121.5 225.7#

63 1313.4 99.6 185.0#



#18

trans-1,2-Dichloroethene

Concen: 2.002 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

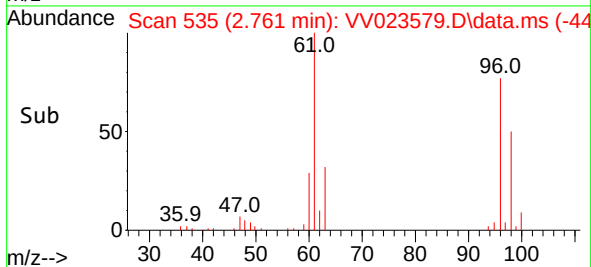
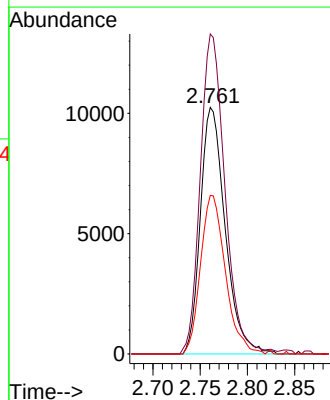
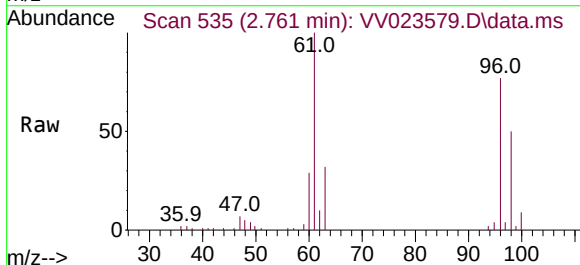
Tgt Ion: 96 Resp: 18705

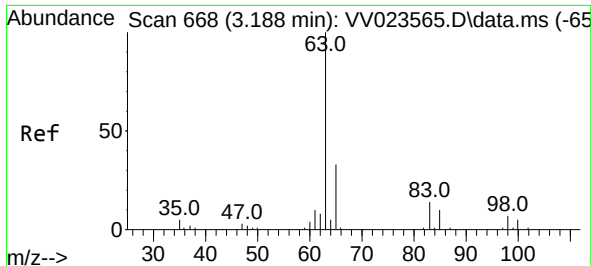
Ion Ratio Lower Upper

96 100

61 129.8 93.2 173.2

98 64.3 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.111 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

H4637DL

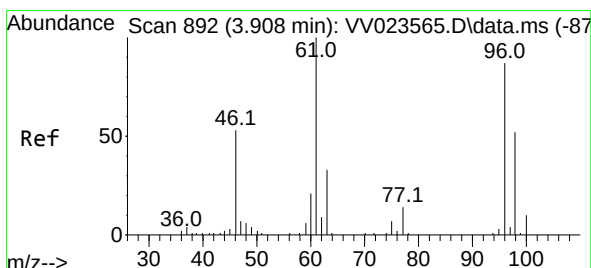
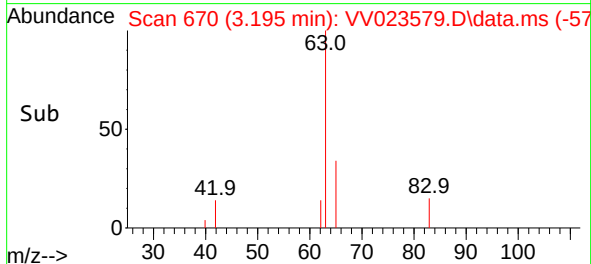
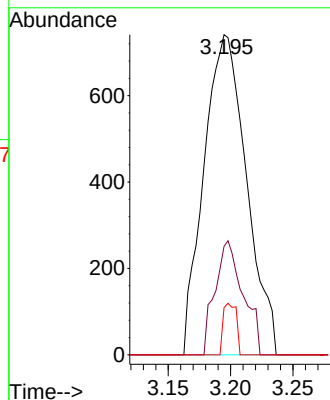
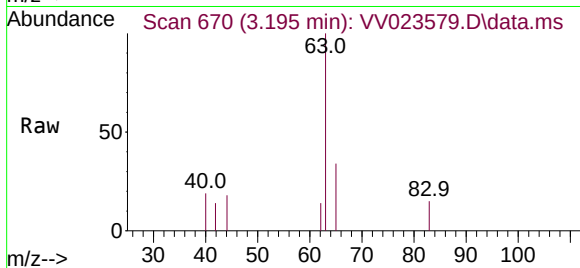
Tgt Ion: 63 Resp: 1758

Ion Ratio Lower Upper

63 100

65 33.9 22.6 42.0

83 14.7 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 5.157 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

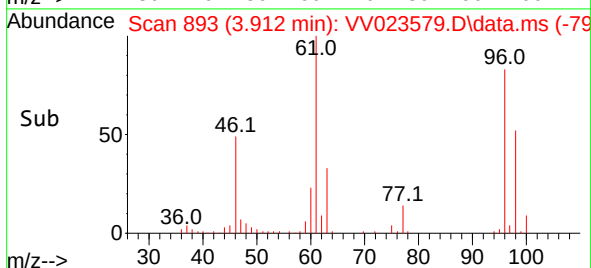
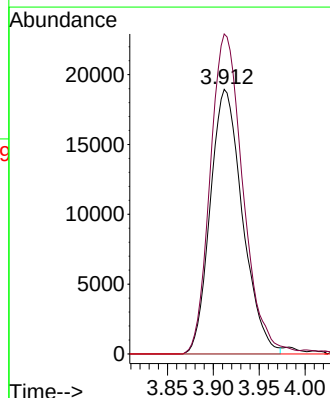
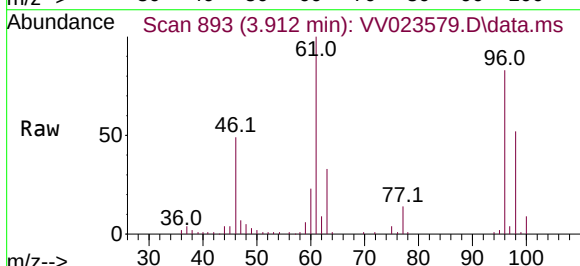
Tgt Ion: 96 Resp: 46372

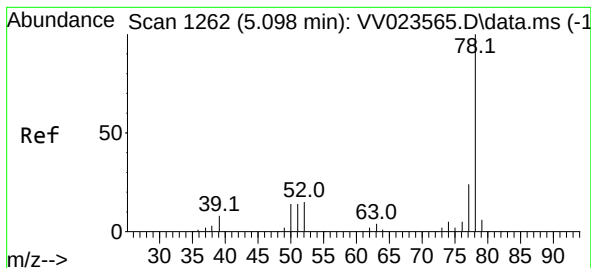
Ion Ratio Lower Upper

96 100

61 120.9 92.3 171.3

68 0.0 0.4 0.8





#33

Benzene

Concen: 0.092 ug/L

RT: 5.111 min Scan# 1511

Delta R.T. 0.013 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

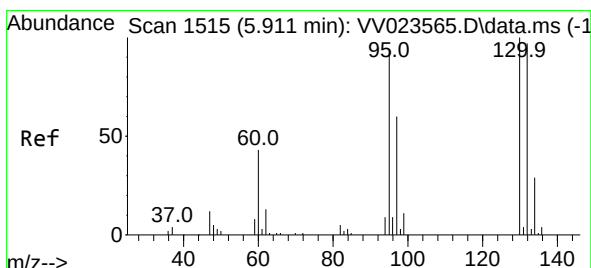
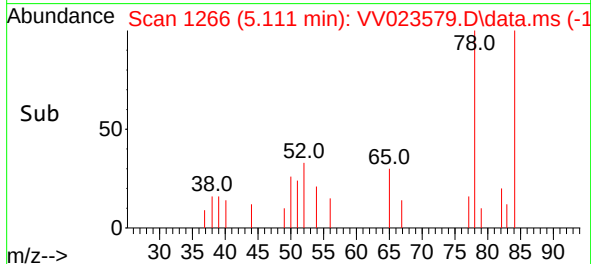
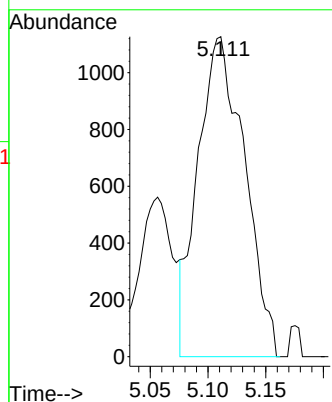
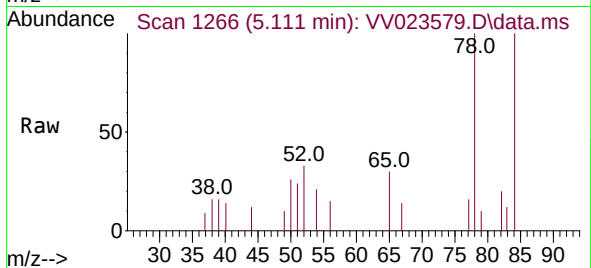
Instrument :

MSVOA_V

ClientSampleId :

H4637DL

Tgt Ion: 78 Resp: 3163



#34

Trichloroethene

Concen: 0.717 ug/L

RT: 5.918 min Scan# 1517

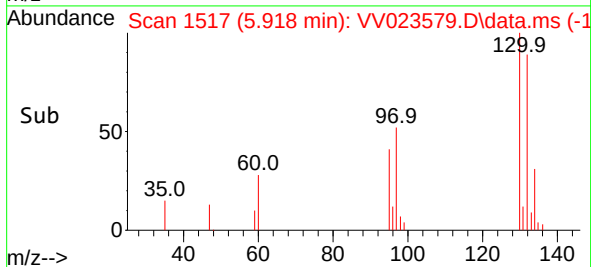
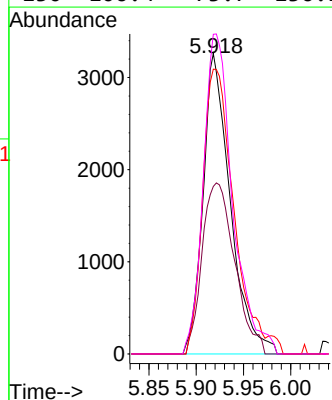
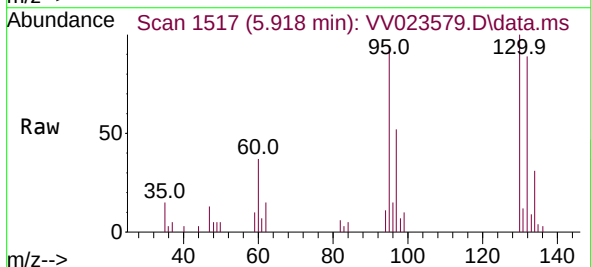
Delta R.T. 0.007 min

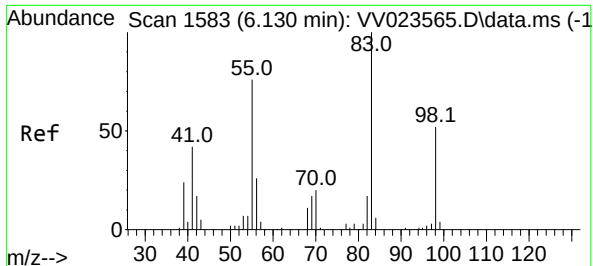
Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

Tgt Ion: 95 Resp: 6555

Ion	Ratio	Lower	Upper
95	100		
97	55.8	45.0	83.6
132	94.8	69.7	129.4
130	106.4	73.7	136.9





#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

H4637DL

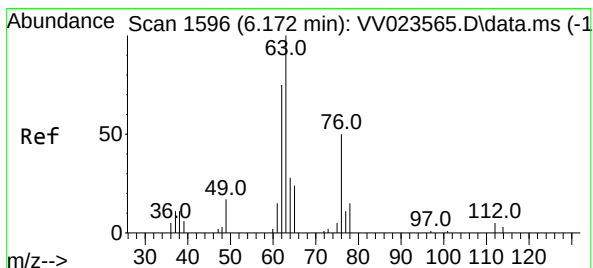
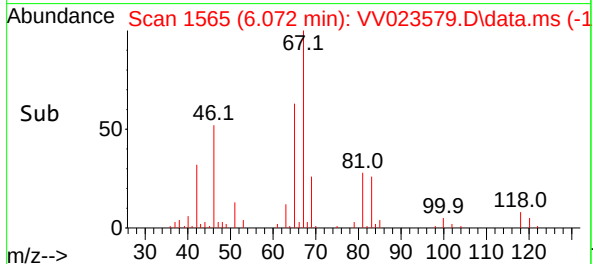
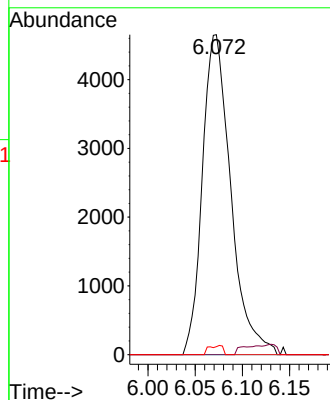
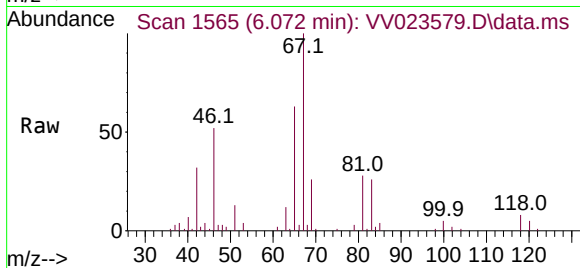
Tgt Ion: 83 Resp: 9713

Ion Ratio Lower Upper

83 100

55 0.9 62.8 94.2#

98 1.4 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023579.D

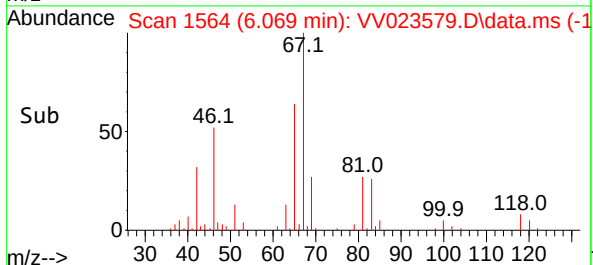
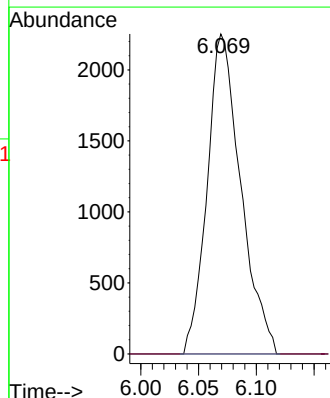
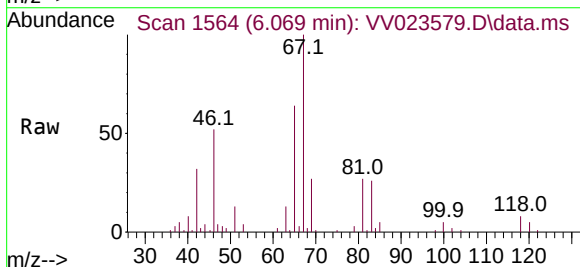
Acq: 17 Nov 2021 18:59

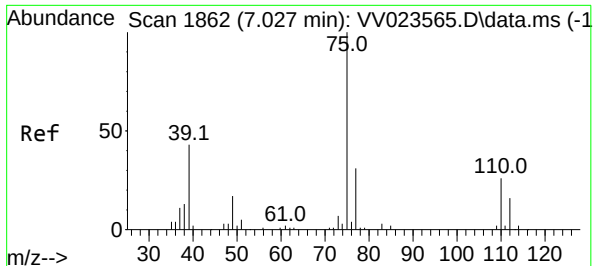
Tgt Ion: 63 Resp: 4557

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023579.D

Acq: 17 Nov 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

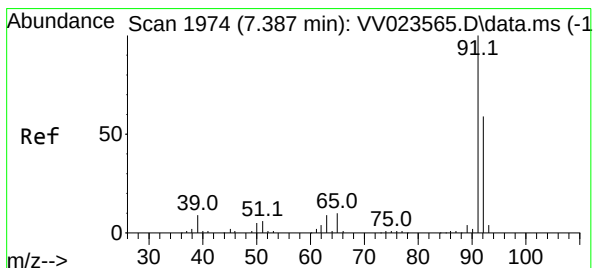
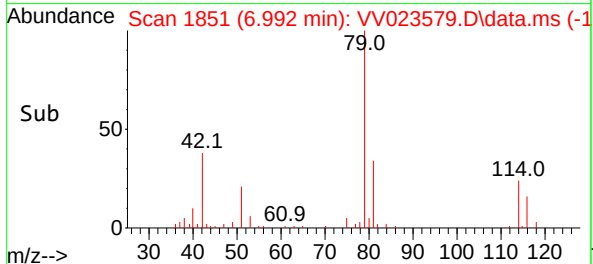
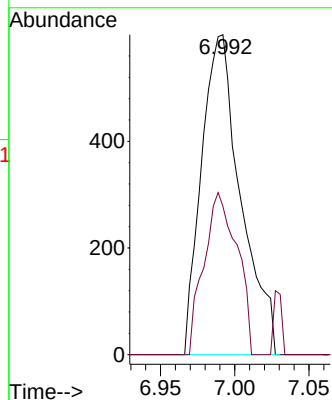
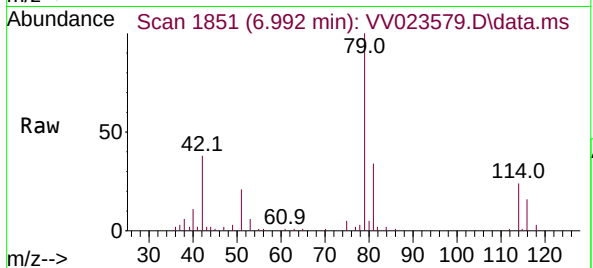
H4637DL

Tgt Ion: 75 Resp: 1103

Ion Ratio Lower Upper

75 100

77 46.3 21.6 40.2#



#42

Toluene

Concen: 0.103 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023579.D

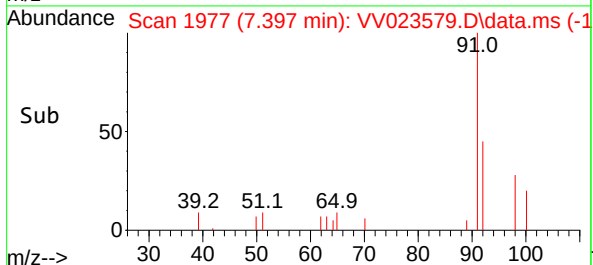
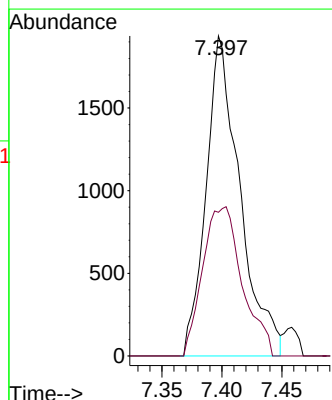
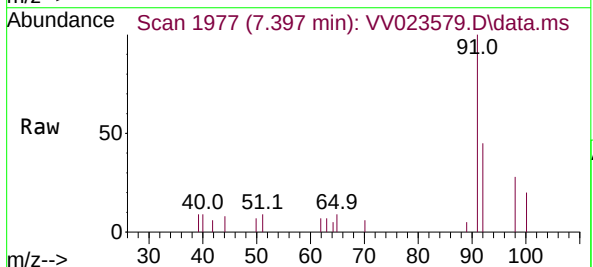
Acq: 17 Nov 2021 18:59

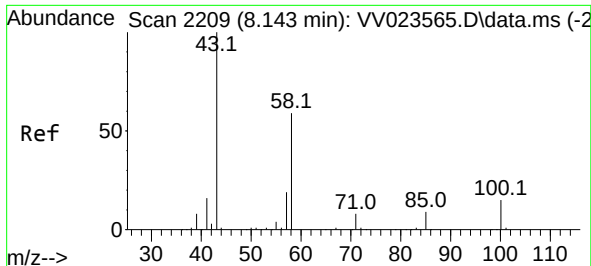
Tgt Ion: 91 Resp: 3796

Ion Ratio Lower Upper

91 100

92 44.9 39.3 72.9

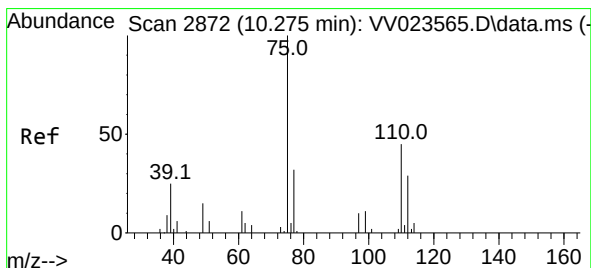
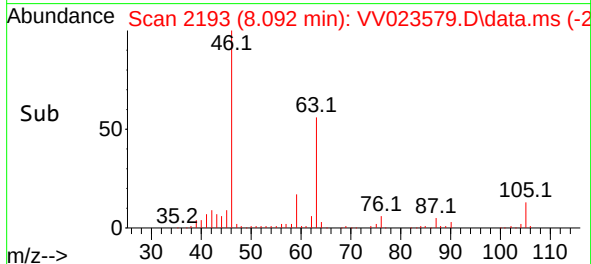
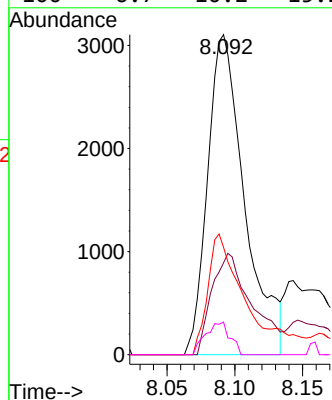
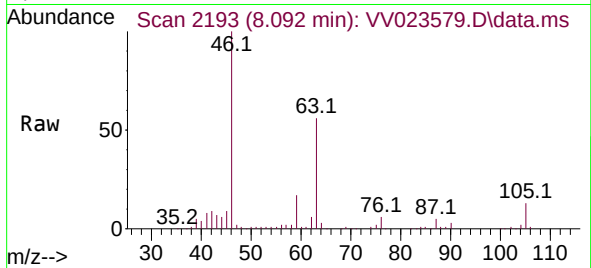




#48
2-Hexanone
Concen: 2.265 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV023579.D
Acq: 17 Nov 2021 18:59

Instrument :
MSVOA_V
ClientSampleId :
H4637DL

Tgt Ion: 43	Resp: 5912
Ion Ratio	Lower Upper
43 100	
58 34.2	43.7 65.5#
57 39.6	14.1 21.1#
100 6.7	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.562 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023579.D
Acq: 17 Nov 2021 18:59

Tgt Ion: 75	Resp: 5980		
Ion Ratio	Lower	Upper	
75 100			
77 35.1	26.6	39.8	
110 3.3	31.8	47.6#	

