

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023580.D
 Acq On : 17 Nov 2021 19:23
 Operator : SY/MD
 Sample : M4627-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4638DL

Quant Time: Nov 18 00:24:05 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)

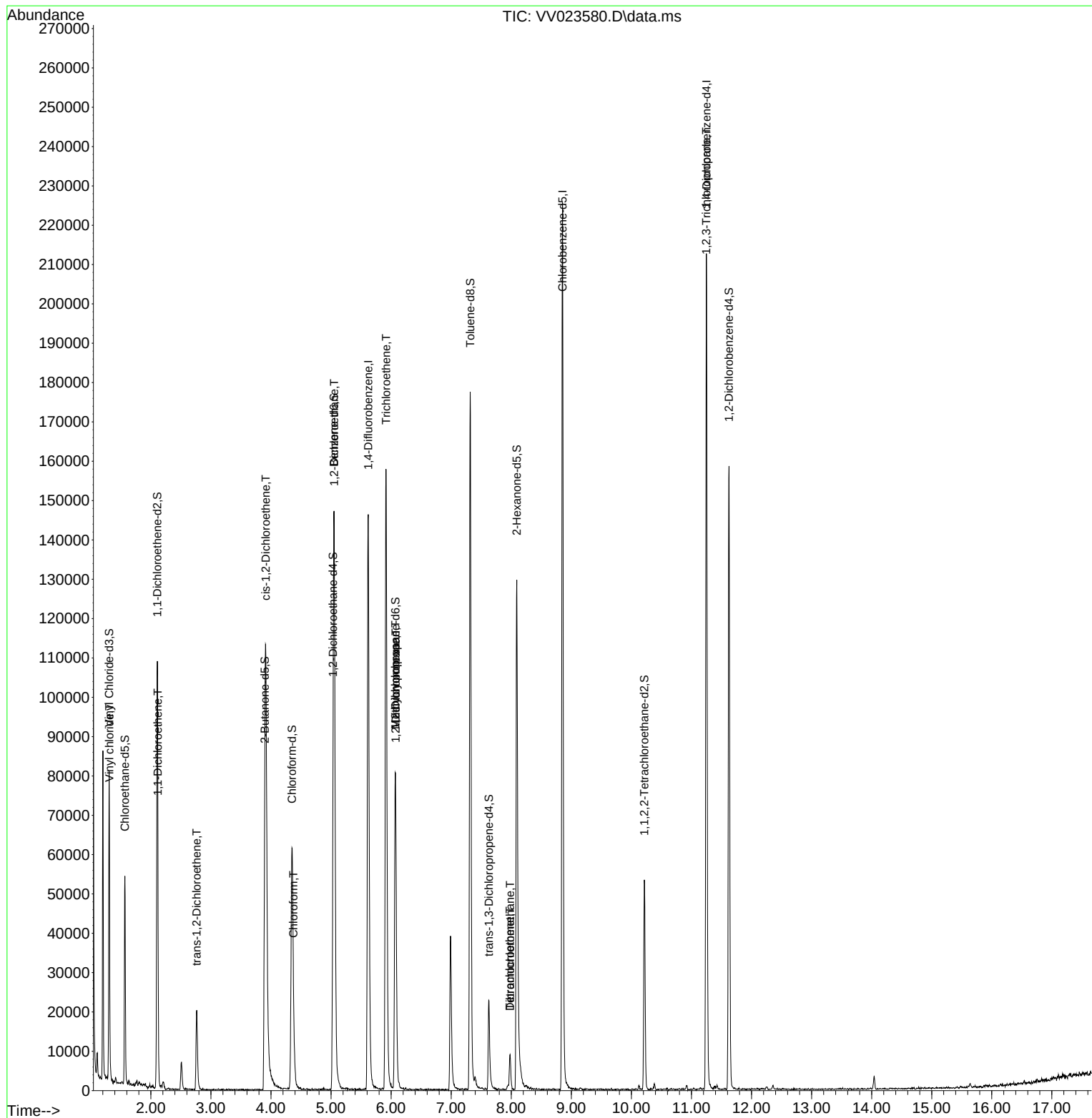
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42342	5.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	31575	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.108	63	55923	3.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.896	46	61094	42.716	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.440%
24) Chloroform-d	4.349	84	63948	3.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
26) 1,2-Dichloroethane-d4	5.034	65	32774	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.050	84	136006	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.072	67	39503	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.317	98	120000	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.629	79	13797	3.820	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.092	63	44929	33.809	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24650	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42578	4.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
5) Vinyl chloride	1.310	62	6098	0.556	ug/L	97
12) 1,1-Dichloroethene	2.118	96	1089	0.138	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	7669	0.789	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	52657	5.632	ug/L #	90
25) Chloroform	4.375	83	6233	0.357	ug/L	98
27) 1,2-Dichloroethane	5.053	62	841	0.090	ug/L #	72
34) Trichloroethene	5.915	95	55538	5.925	ug/L	98
35) Methylcyclohexane	6.072	83	9684	0.655	ug/L #	17
37) 1,2-Dichloropropane	6.076	63	4463	0.542	ug/L #	83
47) Tetrachloroethene	7.979	164	2105	0.259	ug/L	95
49) Dibromochloromethane	7.982	129	1868	0.249	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6399	1.633	ug/L #	66

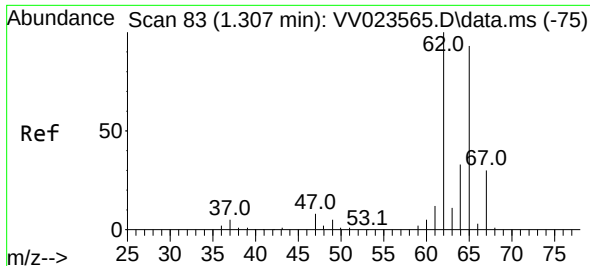
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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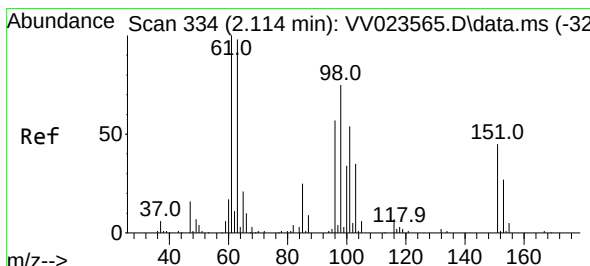
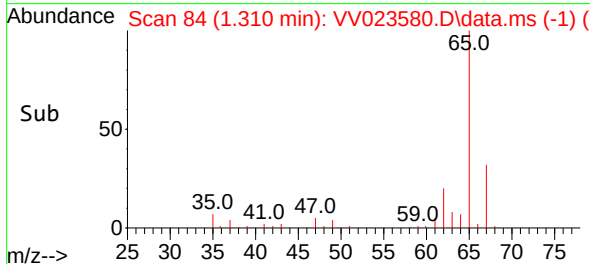
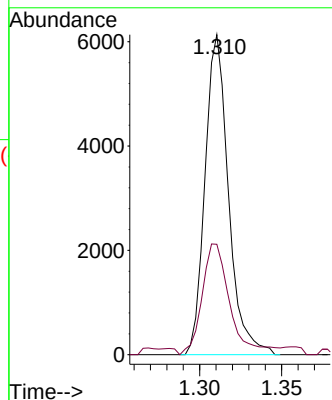
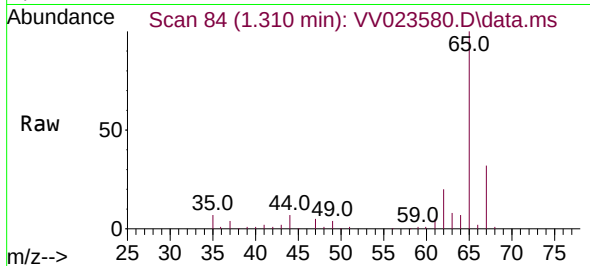




#5
 Vinyl chloride
 Concen: 0.556 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023580.D
 Acq: 17 Nov 2021 19:23

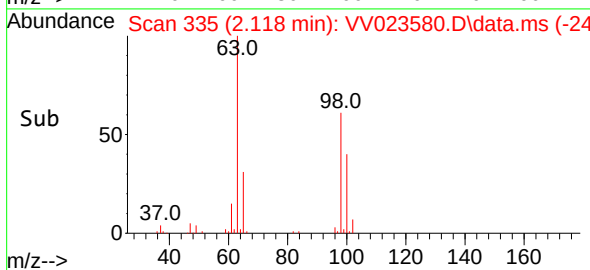
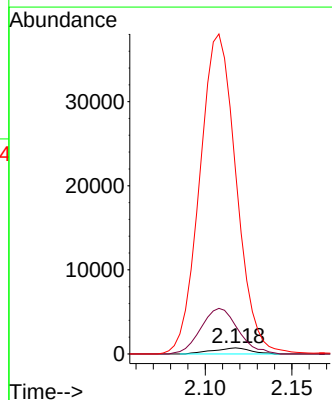
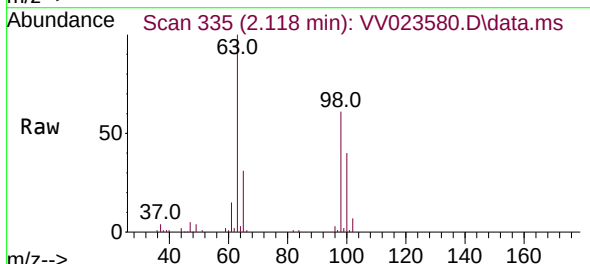
Instrument :
 MSVOA_V
 ClientSampleId :
 H4638DL

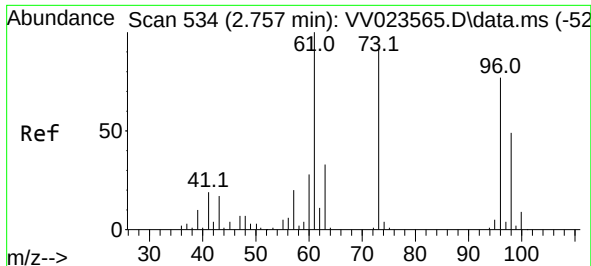
Tgt Ion: 62 Resp: 6098
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.138 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023580.D
 Acq: 17 Nov 2021 19:23

Tgt Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 466.1 121.5 225.7#
 63 3031.5 99.6 185.0#

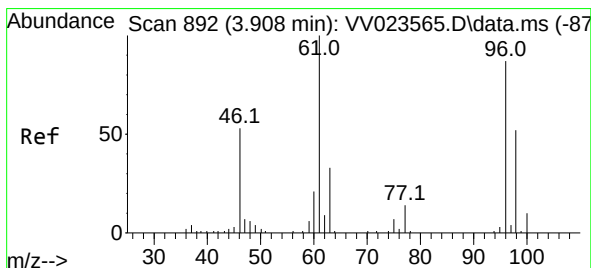
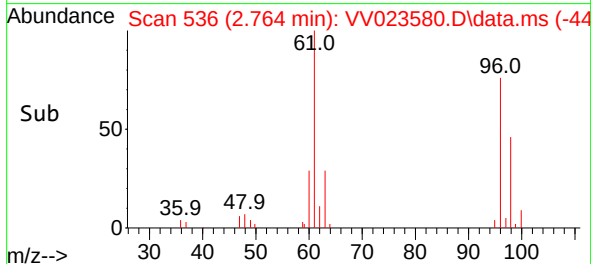
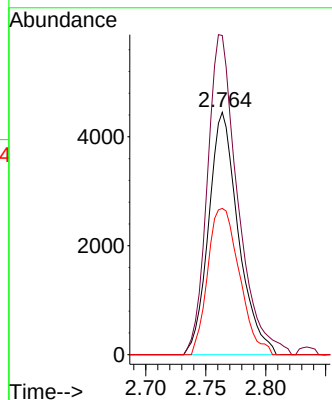
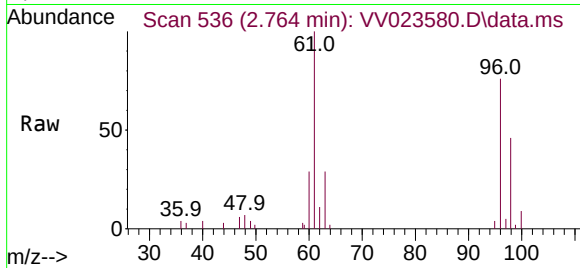




#18
trans-1,2-Dichloroethene
Concen: 0.789 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

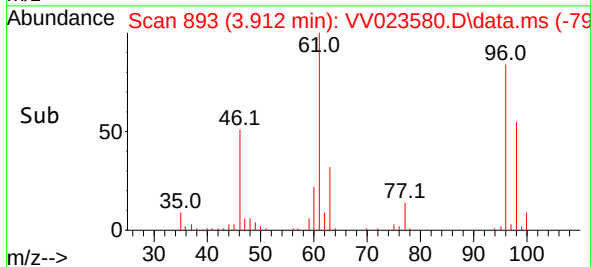
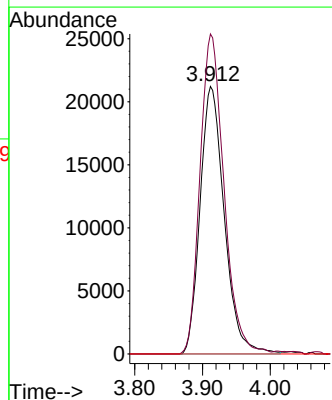
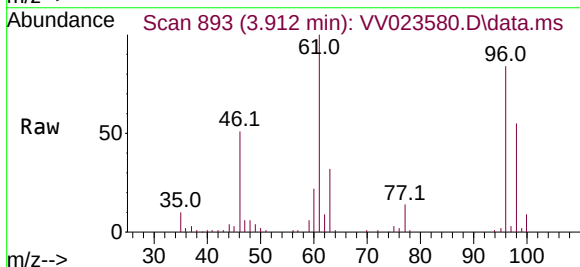
Instrument :
MSVOA_V
ClientSampleId :
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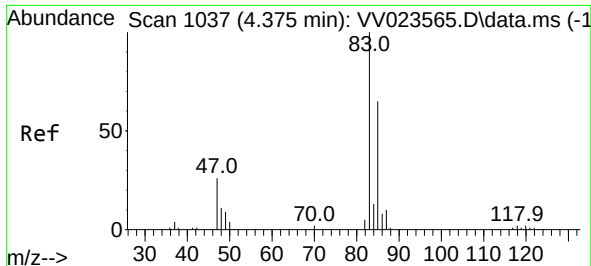
Tgt Ion: 96 Resp: 7669
Ion Ratio Lower Upper
96 100
61 131.6 93.2 173.2
98 60.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 5.632 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Tgt Ion: 96 Resp: 52657
Ion Ratio Lower Upper
96 100
61 119.6 92.3 171.3
68 0.0 0.4 0.8

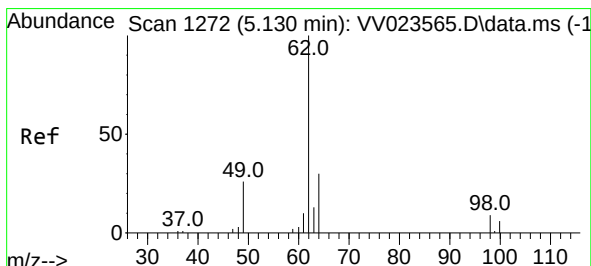
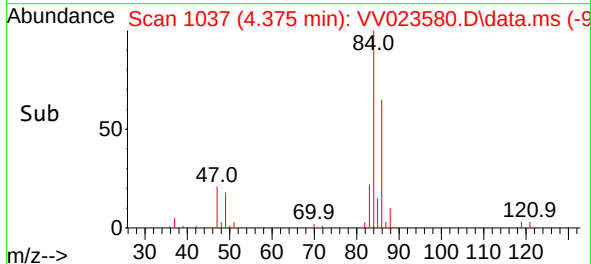
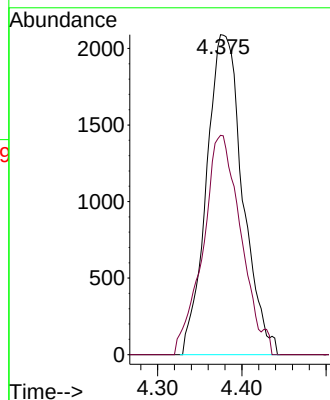
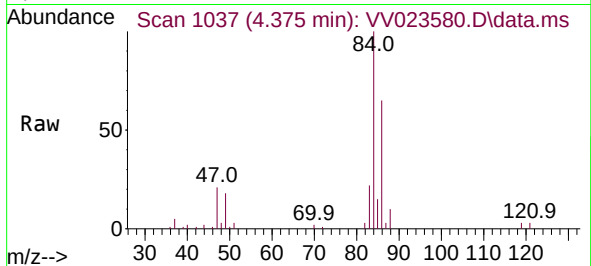




#25
Chloroform
Concen: 0.357 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

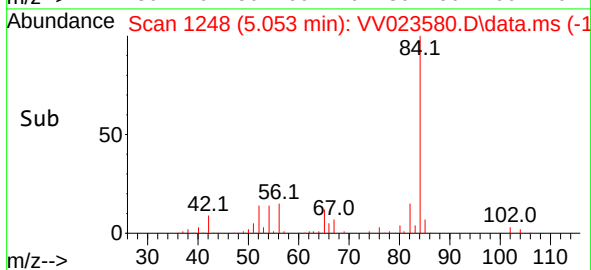
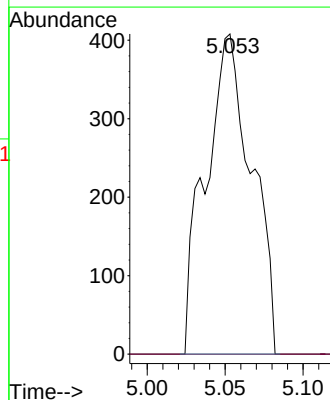
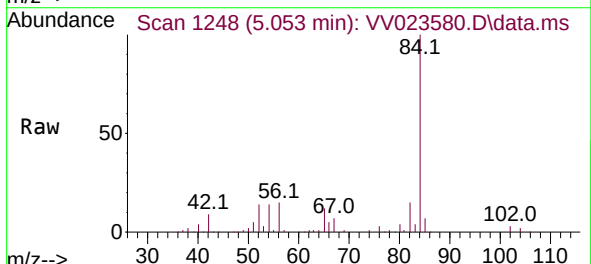
Instrument :
MSVOA_V
ClientSampleId :
H4638DL

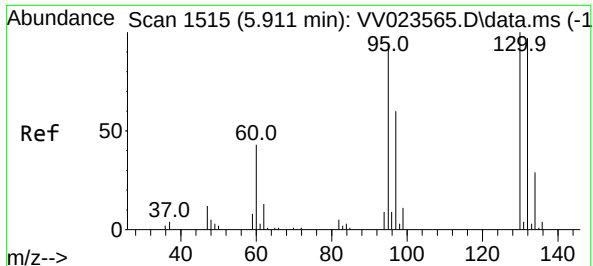
Tgt Ion: 83 Resp: 6233
Ion Ratio Lower Upper
83 100
85 68.6 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.090 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Tgt Ion: 62 Resp: 841
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



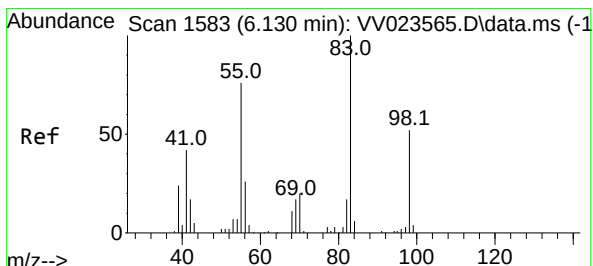
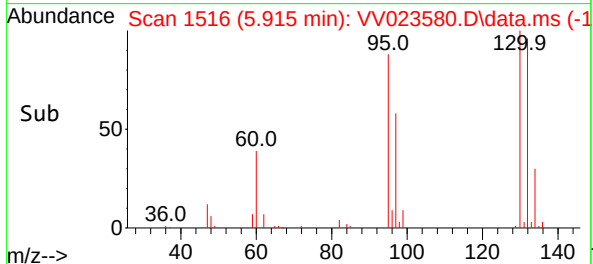
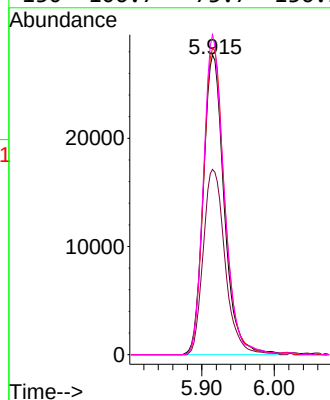
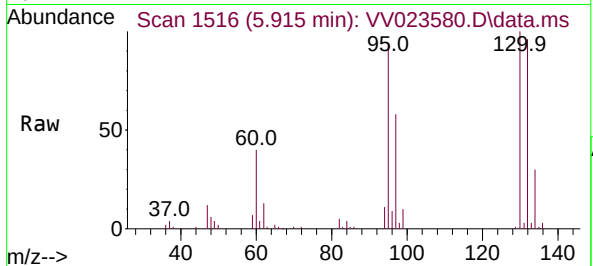


#34
Trichloroethene
Concen: 5.925 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Instrument :
MSVOA_V
ClientSampleId :
H4638DL

Tgt Ion: 95 Resp: 55538

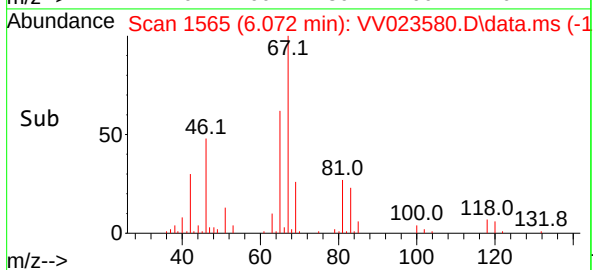
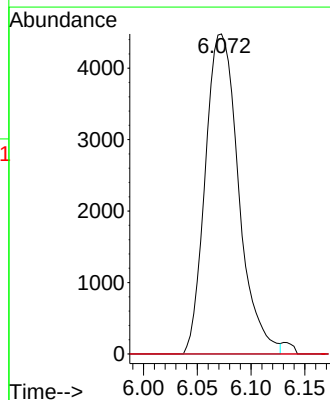
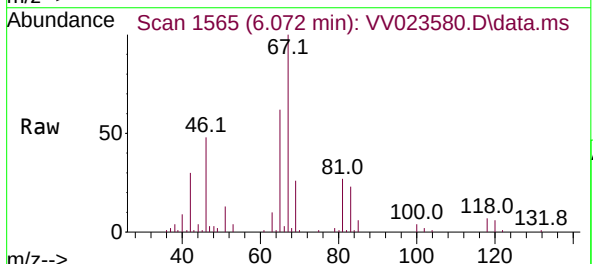
Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.0	83.6
132	102.2	69.7	129.4
130	106.7	73.7	136.9

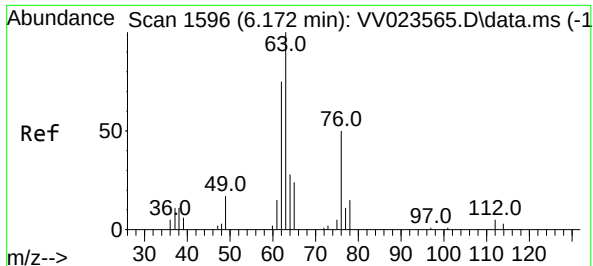


#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023580.D
Acq: 17 Nov 2021 19:23

Tgt Ion: 83 Resp: 9684

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023580.D

Acq: 17 Nov 2021 19:23

Instrument :

MSVOA_V

ClientSampleId :

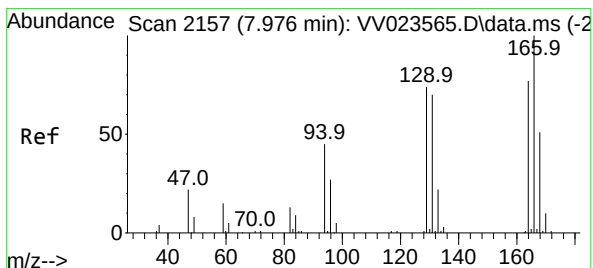
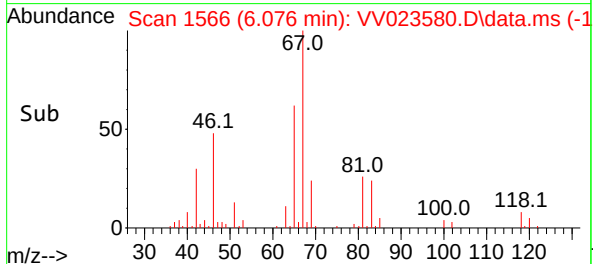
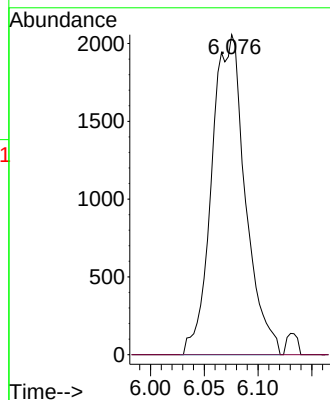
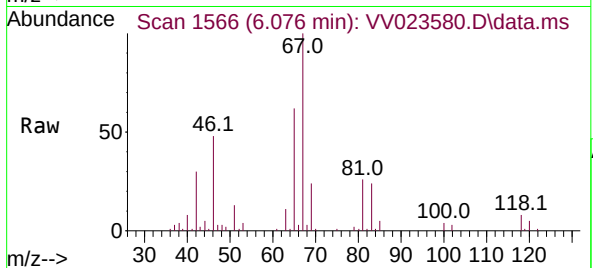
H4638DL

Tgt Ion: 63 Resp: 4463

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#47

Tetrachloroethene

Concen: 0.259 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023580.D

Acq: 17 Nov 2021 19:23

Tgt Ion: 164 Resp: 2105

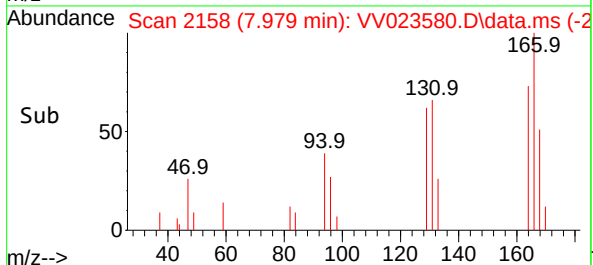
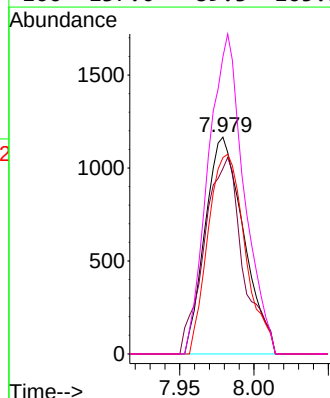
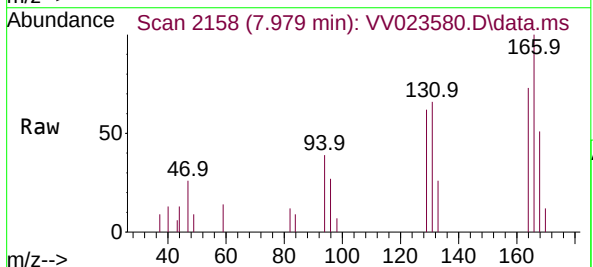
Ion Ratio Lower Upper

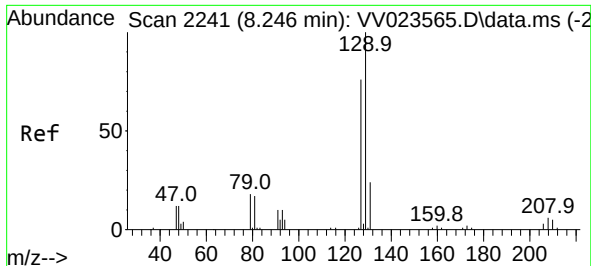
164 100

129 85.5 64.0 119.0

131 90.6 63.4 117.8

166 137.0 89.3 165.9





#49

Dibromochloromethane

Concen: 0.249 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023580.D

Acq: 17 Nov 2021 19:23

Instrument :

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ClientSampleId :

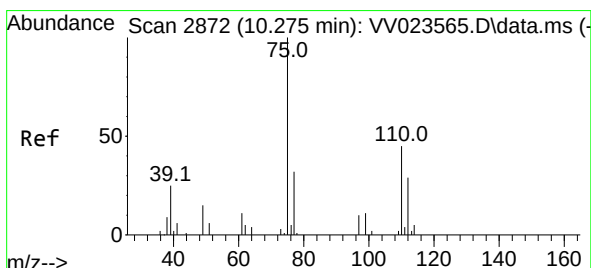
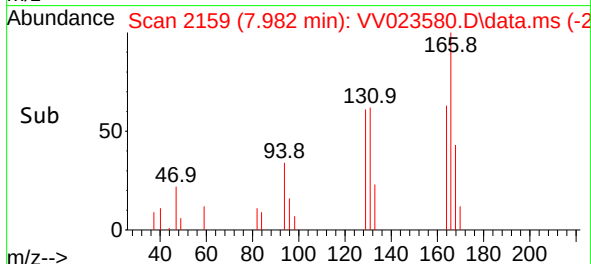
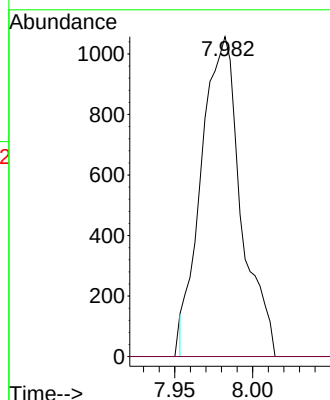
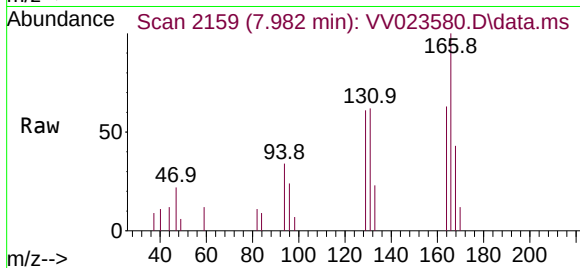
H4638DL

Tgt Ion:129 Resp: 1868

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.633 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV023580.D

Acq: 17 Nov 2021 19:23

Tgt Ion: 75 Resp: 6399

Ion Ratio Lower Upper

75 100

77 32.0 26.6 39.8

110 2.8 31.8 47.6#

