

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022859.D
 Acq On : 18 Oct 2021 12:19
 Operator : SY/MD
 Sample : M4207-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 01:44:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

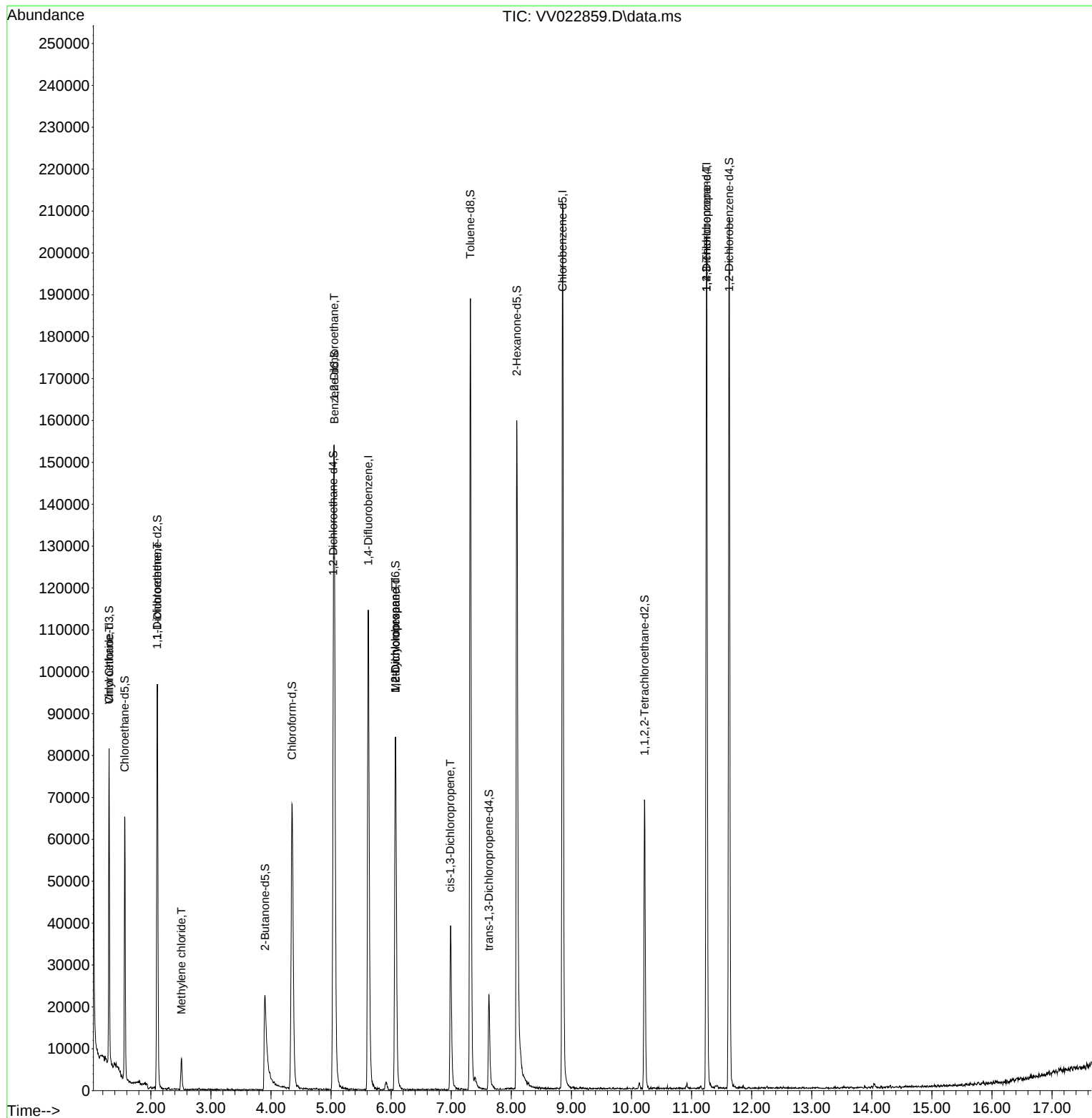
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44819	6.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.800%
7) Chloroethane-d5	1.564	69	36853	5.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.000%
11) 1,1-Dichloroethene-d2	2.108	63	50001	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.899	46	45662	24.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.240%
24) Chloroform-d	4.349	84	71008	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.037	65	33092	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.053	84	140249	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.072	67	41185	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.317	98	126669	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.625	79	14101	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.091	63	58201	40.567	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34447	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	55403	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
8) Chloroethane	1.304	64	632	0.131	ug/L #	1
12) 1,1-Dichloroethene	2.105	96	488	0.079	ug/L #	1
16) Methylene chloride	2.510	84	2950	0.345	ug/L	87
27) 1,2-Dichloroethane	5.050	62	788	0.112	ug/L #	69
35) Methylcyclohexane	6.072	83	10295	0.824	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	4540	0.576	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1075	0.103	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6119	1.531	ug/L #	63

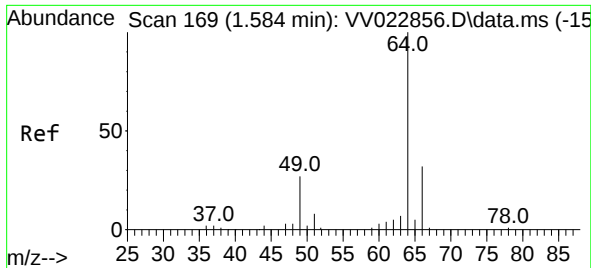
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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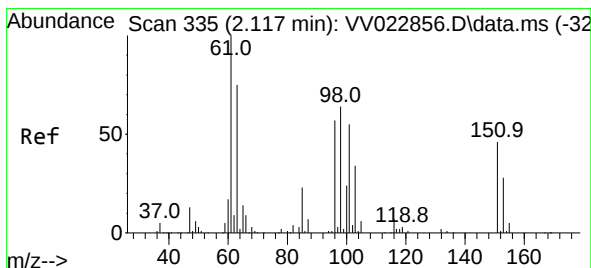
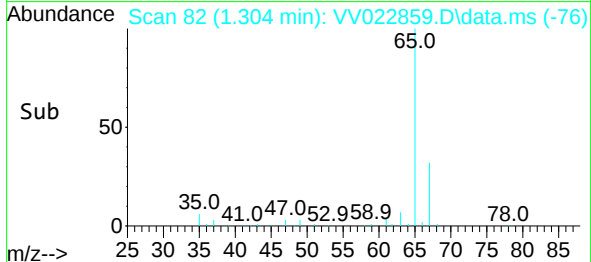
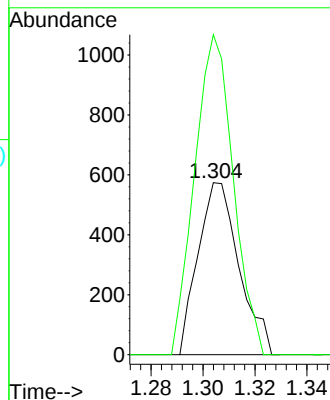
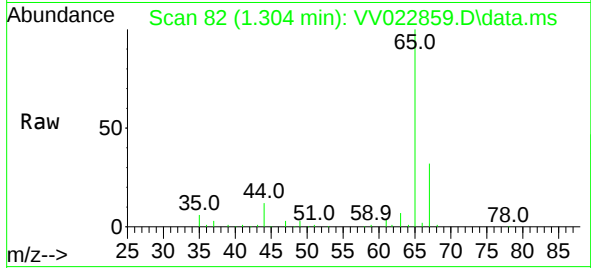




#8
Chloroethane
Concen: 0.131 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.280 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

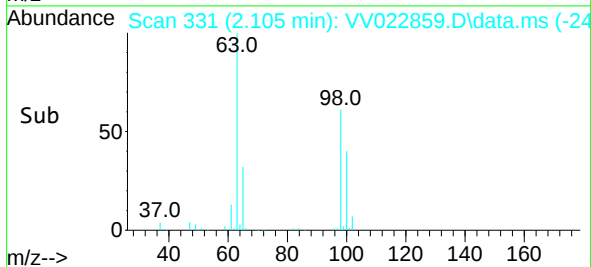
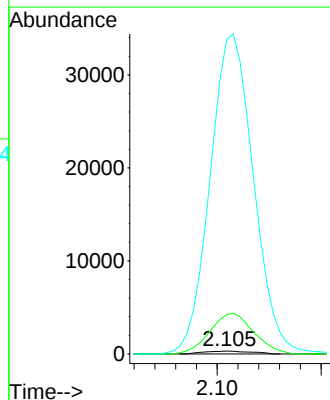
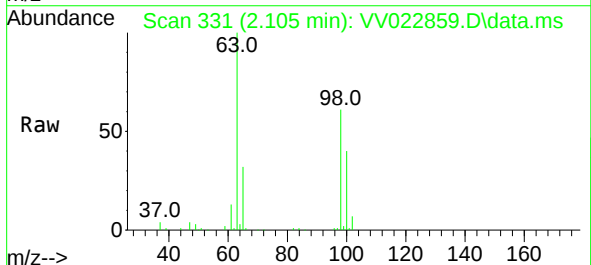
Instrument :
MSVOA_V
ClientSampled :

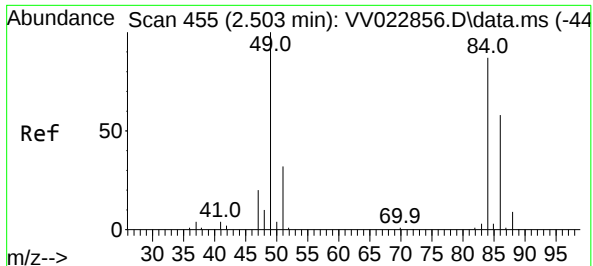
Tgt Ion: 64 Resp: 632
Ion Ratio Lower Upper
64 100
66 186.1 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

Tgt Ion: 96 Resp: 488
Ion Ratio Lower Upper
96 100
61 1392.4 127.3 236.5#
63 11121.1 106.2 197.2#

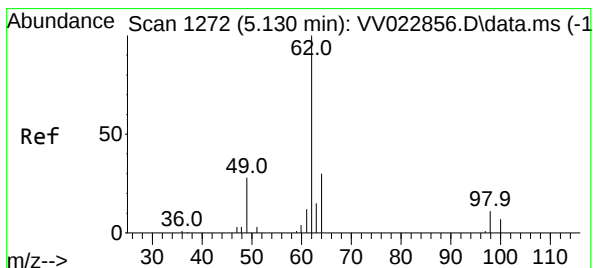
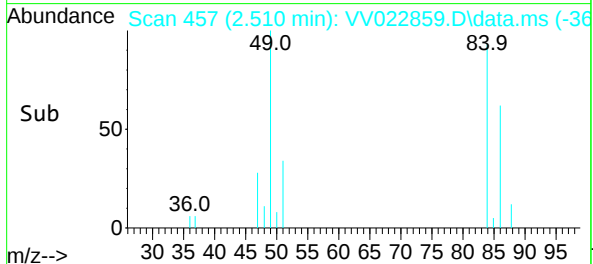
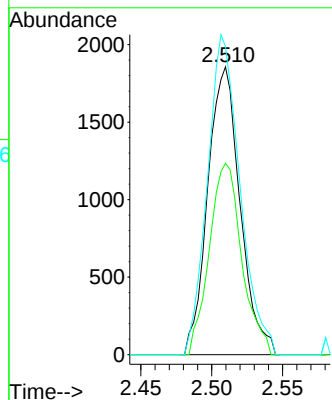
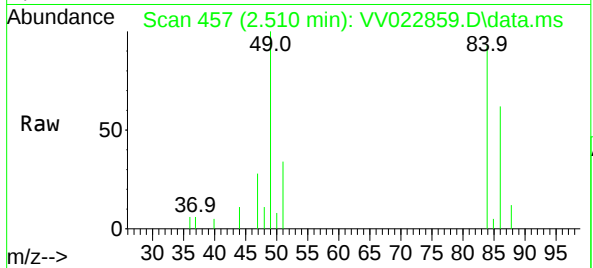




#16
Methylene chloride
Concen: 0.345 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

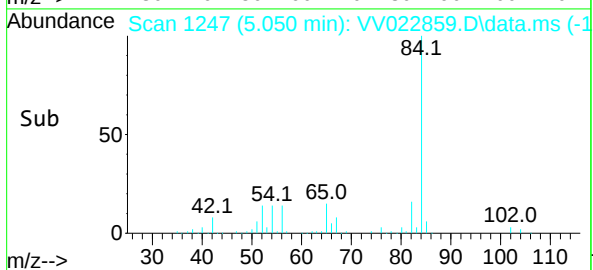
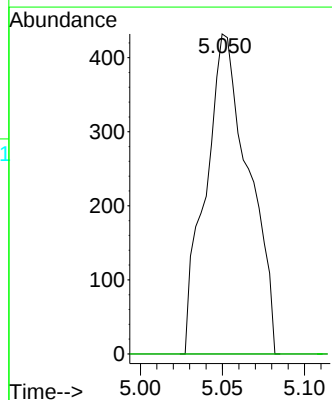
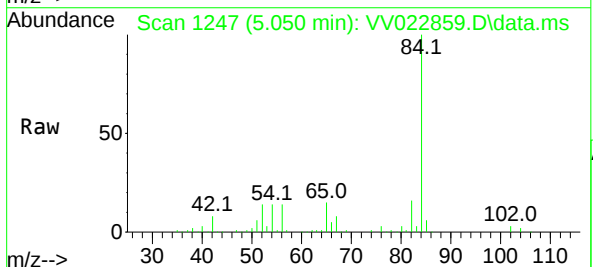
Instrument :
MSVOA_V
ClientSampled :

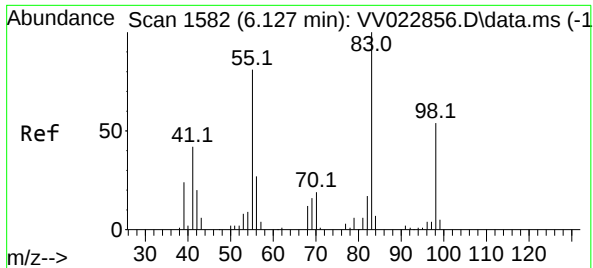
Tgt Ion: 84 Resp: 2950
Ion Ratio Lower Upper
84 100
86 66.5 45.8 85.2
49 107.0 90.3 167.7



#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

Tgt Ion: 62 Resp: 788
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

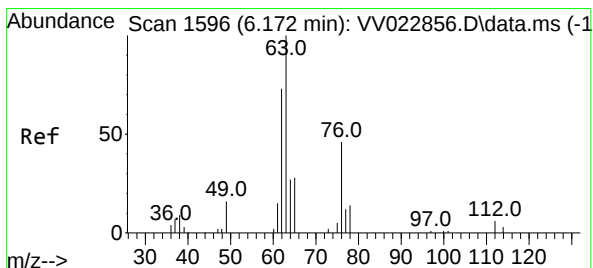
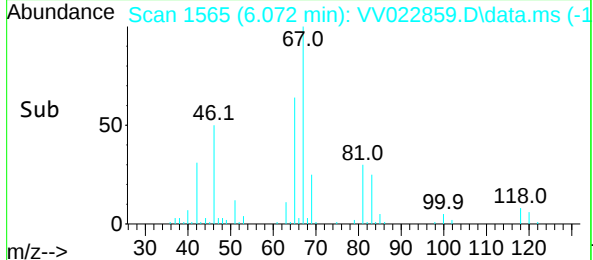
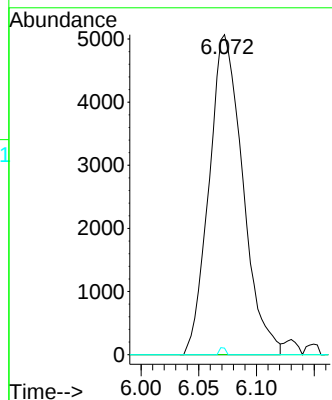
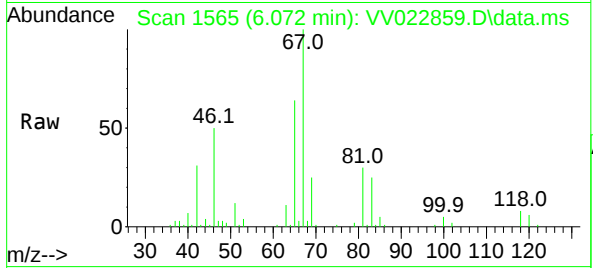




#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

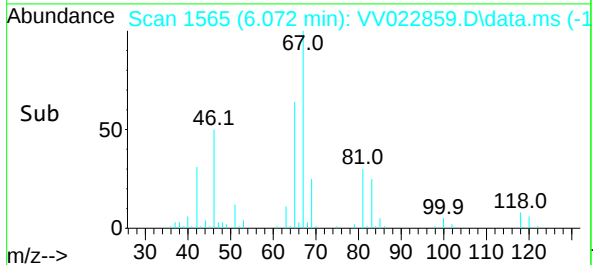
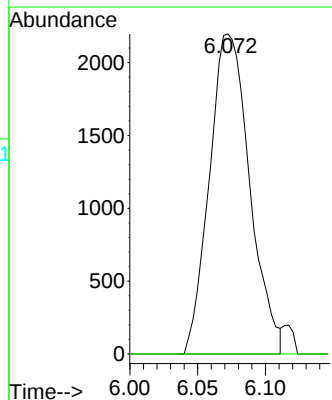
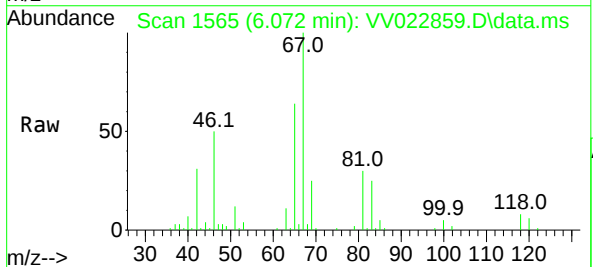
Instrument :
MSVOA_V
ClientSampled :

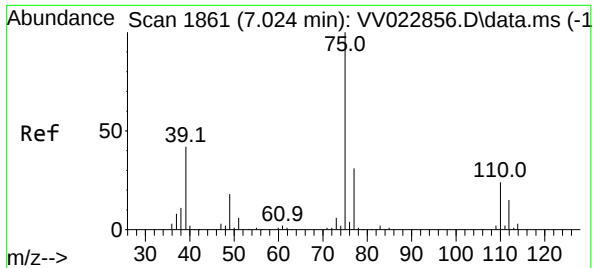
Tgt Ion: 83 Resp: 10295
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.4 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

Tgt Ion: 63 Resp: 4540
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

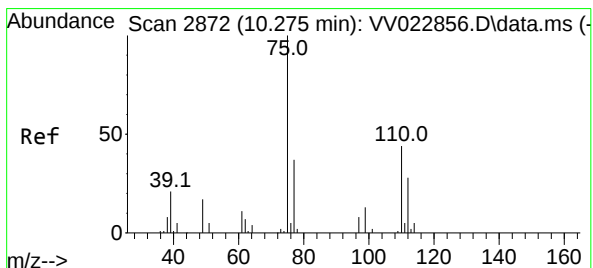
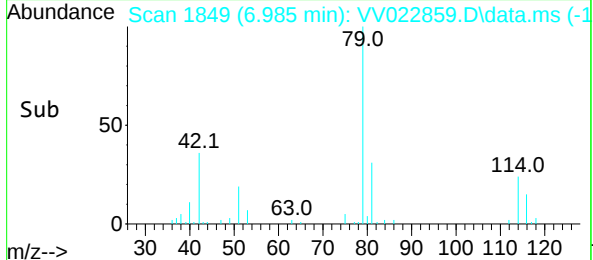
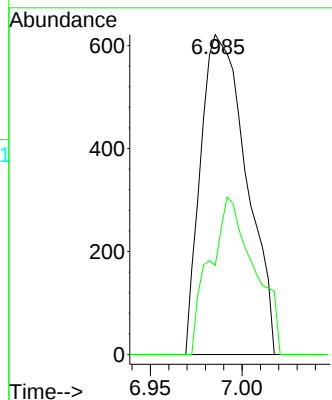
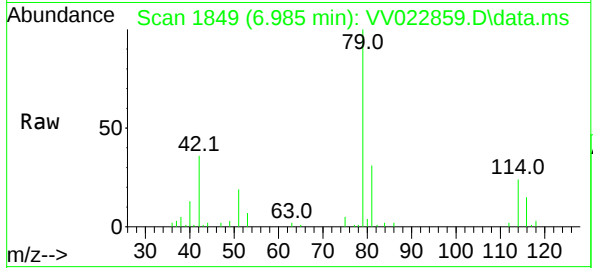




#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
77 27.9 22.3 41.3



#61
1,2,3-Trichloropropane
Concen: 1.531 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022859.D
Acq: 18 Oct 2021 12:19

Tgt Ion: 75 Resp: 6119
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
110 2.8 34.2 51.4#

