

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023855.D
 Acq On : 09 Dec 2021 12:45
 Operator : SY/MD
 Sample : M4984-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q0

Quant Time: Dec 10 00:42:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

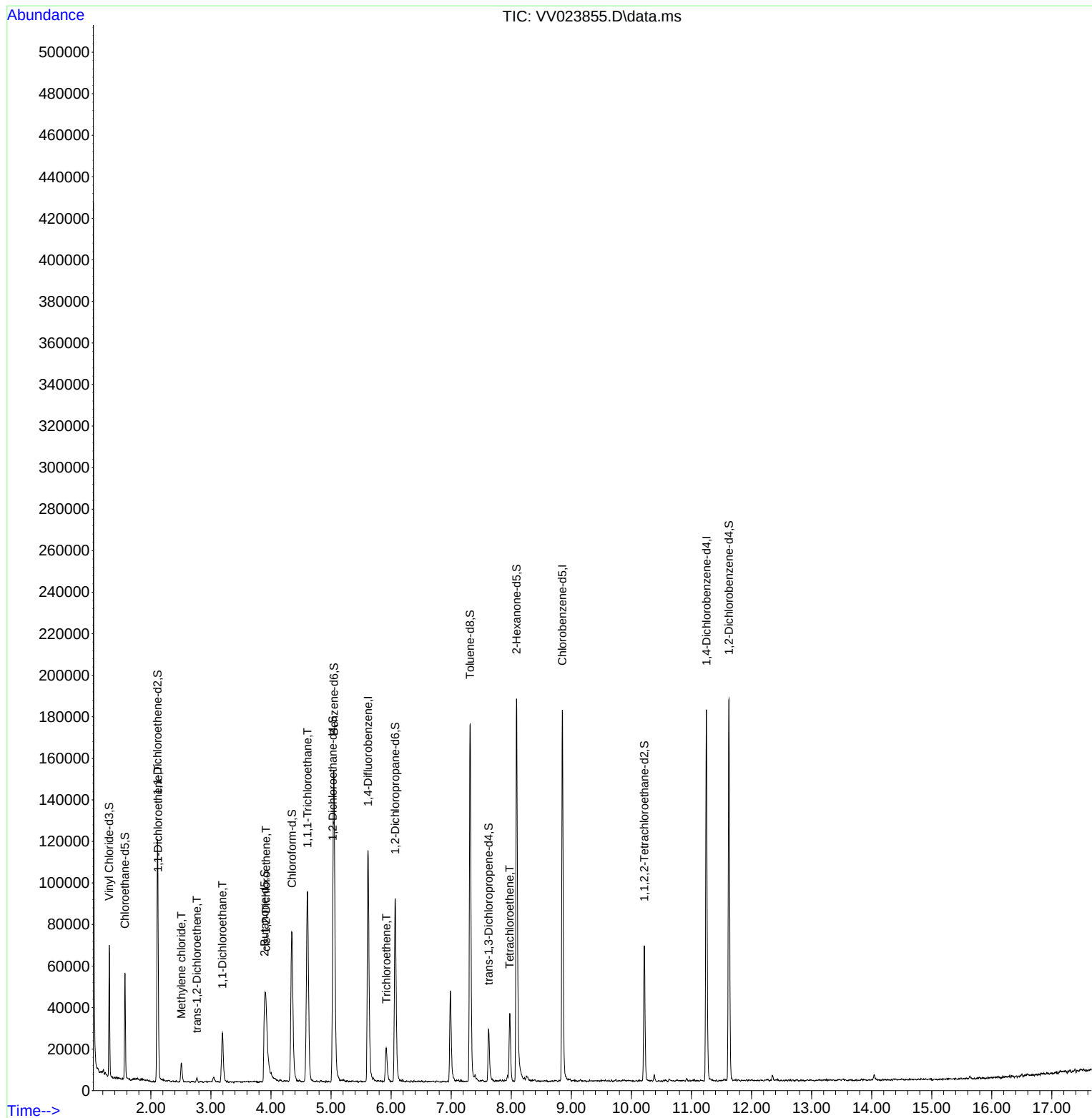
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	102716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	100884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36944	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.568	69	30327	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.111	63	54168	3.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.892	46	71285	70.323	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.640%#
24) Chloroform-d	4.349	84	74051	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.031	65	35816	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.050	84	137109	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	39792	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	116149	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.622	79	15593	5.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.088	63	66990	64.925	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28875	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50059	5.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
12) 1,1-Dichloroethene	2.121	96	9138	1.328	ug/L #	1
16) Methylene chloride	2.510	84	4046	0.412	ug/L	92
18) trans-1,2-Dichloroethene	2.767	96	680	0.087	ug/L	74
19) 1,1-Dichloroethane	3.191	63	23075	1.751	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	9627	1.281	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	72504	5.500	ug/L	99
34) Trichloroethene	5.921	95	5268	0.684	ug/L	97
47) Tetrachloroethene	7.976	164	7660	1.092	ug/L	95

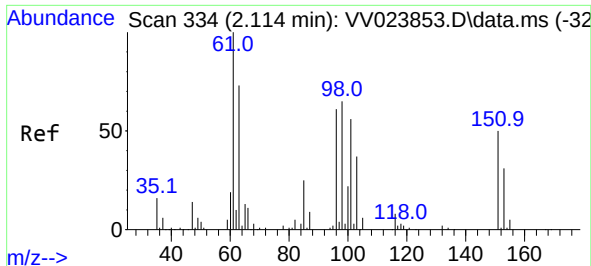
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120921\
Data File : VV023855.D
Acq On : 09 Dec 2021 12:45
Operator : SY/MD
Sample : M4984-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW5Q0

Quant Time: Dec 10 00:42:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.328 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023855.D

Acq: 09 Dec 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

EW5Q0

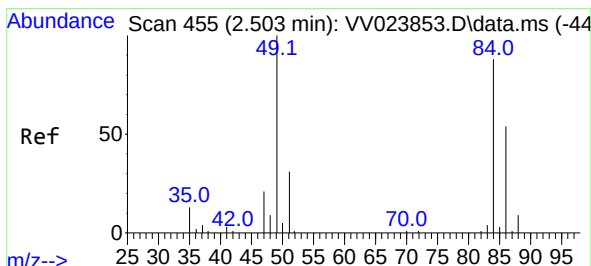
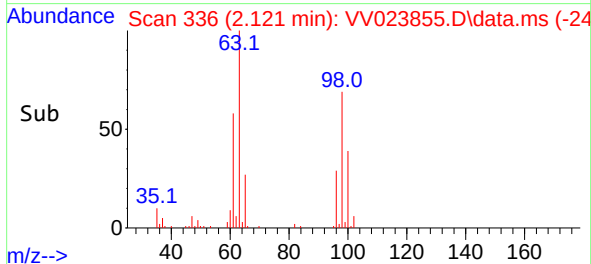
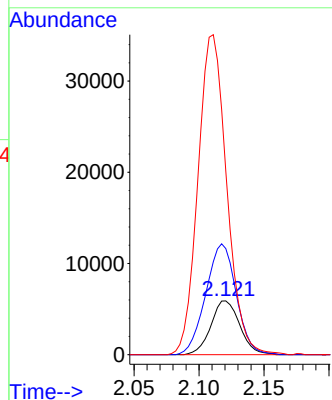
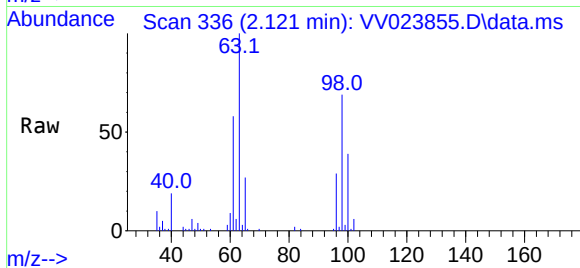
Tgt Ion: 96 Resp: 9138

Ion Ratio Lower Upper

96 100

61 197.5 116.1 215.5

63 341.5 79.4 147.4#



#16

Methylene chloride

Concen: 0.412 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023855.D

Acq: 09 Dec 2021 12:45

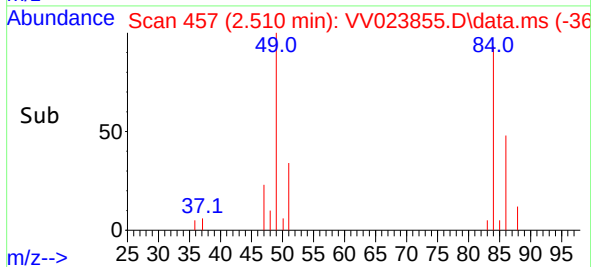
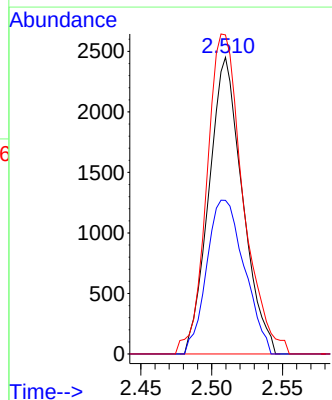
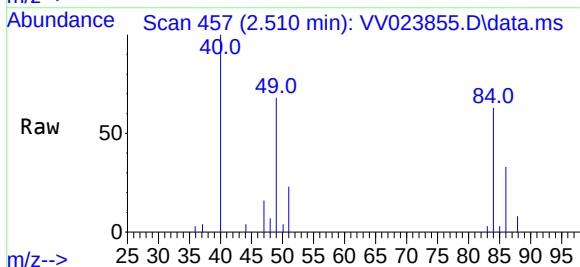
Tgt Ion: 84 Resp: 4046

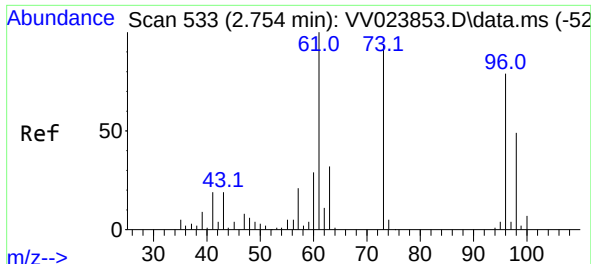
Ion Ratio Lower Upper

84 100

86 51.8 42.6 79.0

49 107.5 79.7 147.9

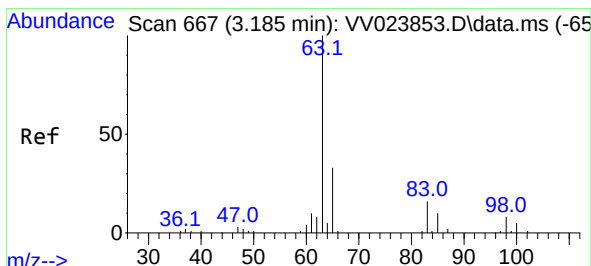
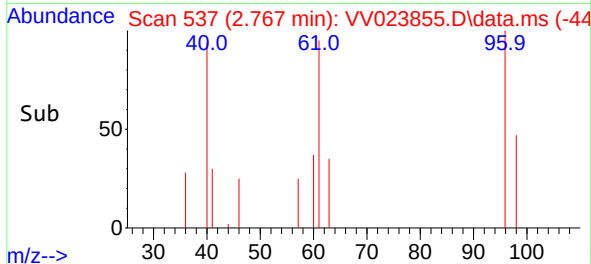
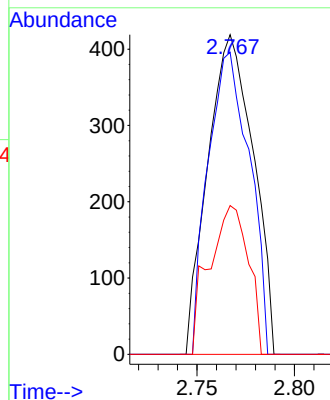
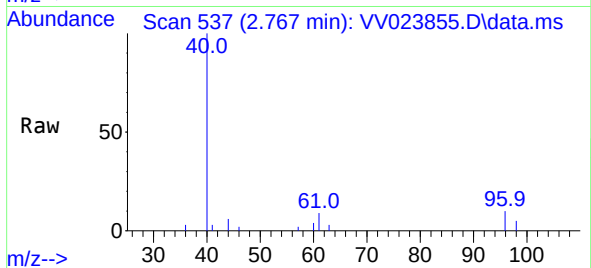




#18
trans-1,2-Dichloroethene
Concen: 0.087 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV023855.D
Acq: 09 Dec 2021 12:45

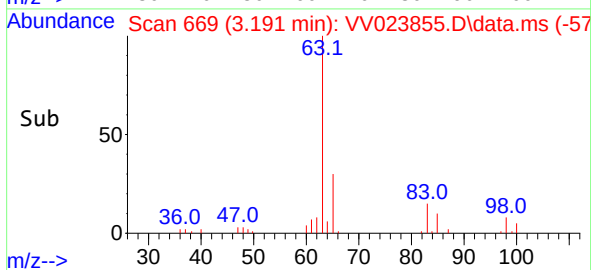
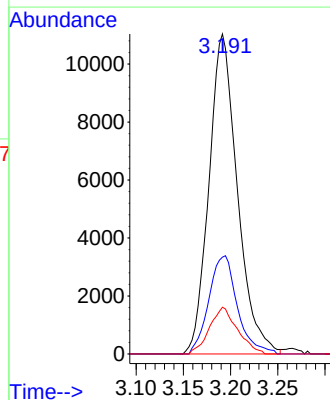
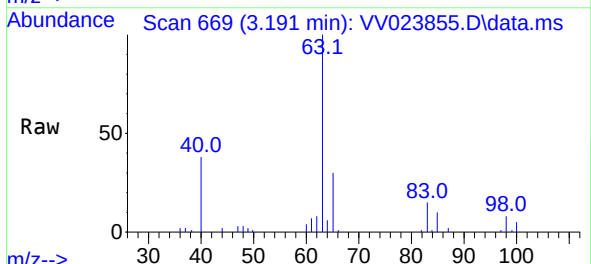
Instrument :
MSVOA_V
ClientSampleId :
EW5Q0

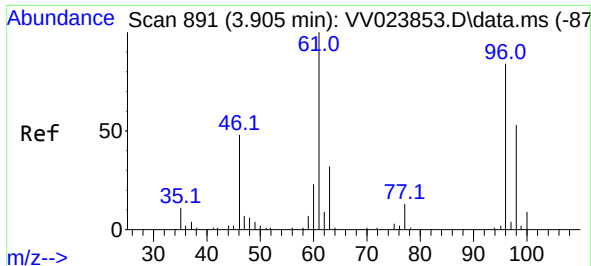
Tgt Ion: 96 Resp: 680
Ion Ratio Lower Upper
96 100
61 94.5 88.2 163.8
98 46.5 44.9 83.5



#19
1,1-Dichloroethane
Concen: 1.751 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV023855.D
Acq: 09 Dec 2021 12:45

Tgt Ion: 63 Resp: 23075
Ion Ratio Lower Upper
63 100
65 30.3 22.3 41.3
83 14.6 10.7 19.9

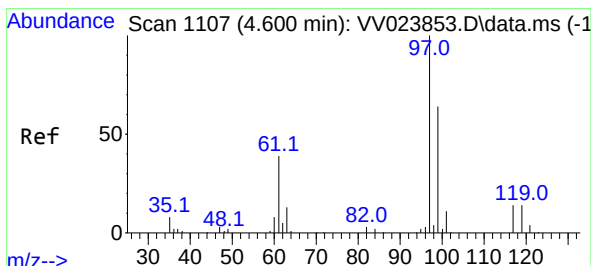
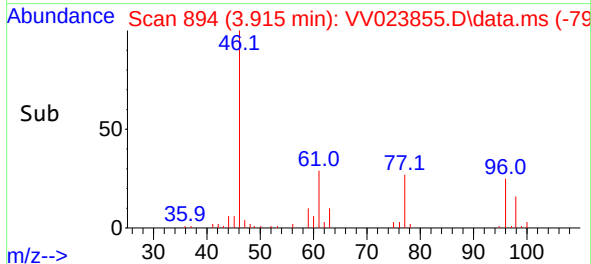
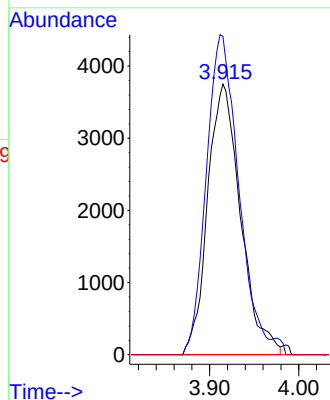
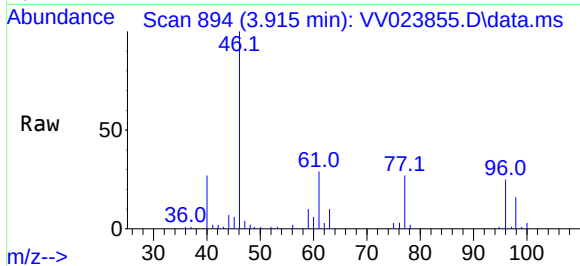




#22
 cis-1,2-Dichloroethene
 Concen: 1.281 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023855.D
 Acq: 09 Dec 2021 12:45

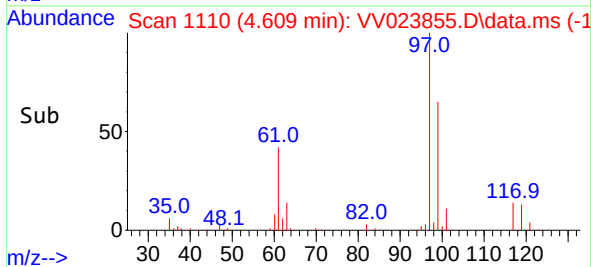
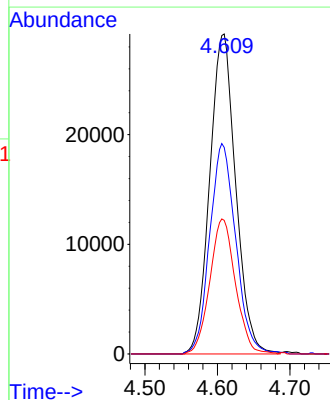
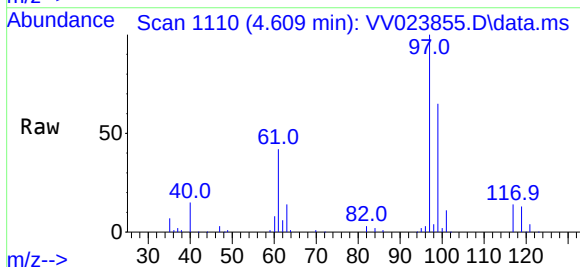
Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q0

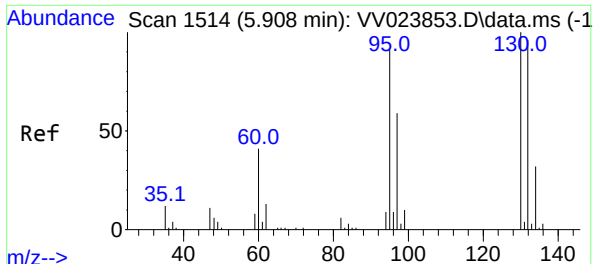
Tgt Ion: 96 Resp: 9627
 Ion Ratio Lower Upper
 96 100
 61 117.7 83.4 154.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 5.500 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: VV023855.D
 Acq: 09 Dec 2021 12:45

Tgt Ion: 97 Resp: 72504
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.9 77.9
 61 41.7 33.2 49.8

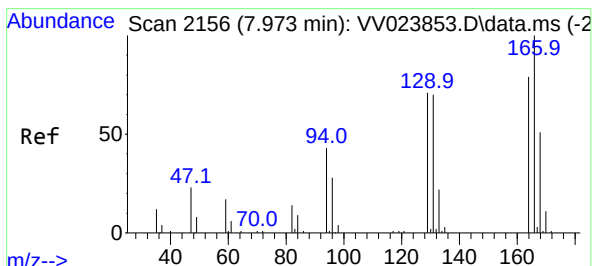
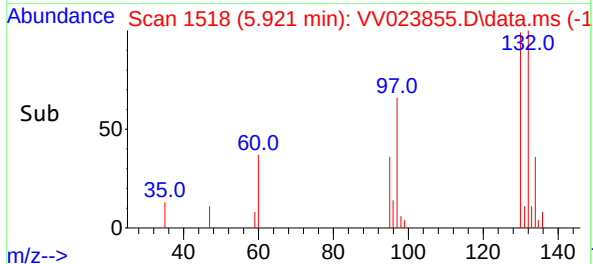
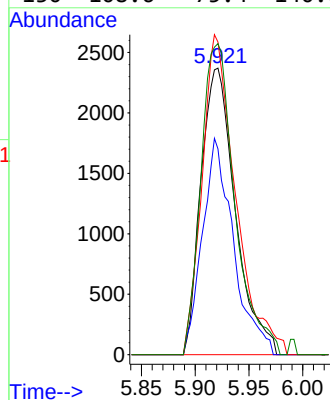
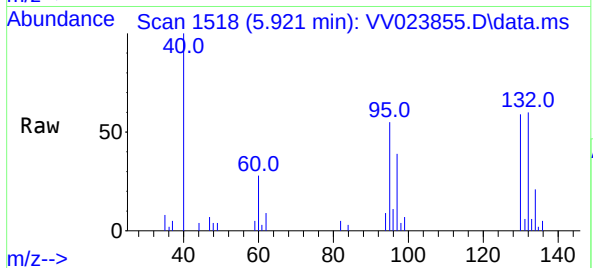




#34
Trichloroethene
Concen: 0.684 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023855.D
Acq: 09 Dec 2021 12:45

Instrument :
MSVOA_V
ClientSampleId :
EW5Q0

Tgt Ion: 95 Resp: 5268
Ion Ratio Lower Upper
95 100
97 71.8 45.2 84.0
132 109.1 76.1 141.3
130 108.6 75.4 140.0



#47
Tetrachloroethene
Concen: 1.092 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023855.D
Acq: 09 Dec 2021 12:45

Tgt Ion:164 Resp: 7660
Ion Ratio Lower Upper
164 100
129 92.3 62.6 116.2
131 77.8 61.0 113.4
166 121.7 87.3 162.1

