

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022839.D
 Acq On : 15 Oct 2021 16:19
 Operator : SY/MD
 Sample : M4223-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:29:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

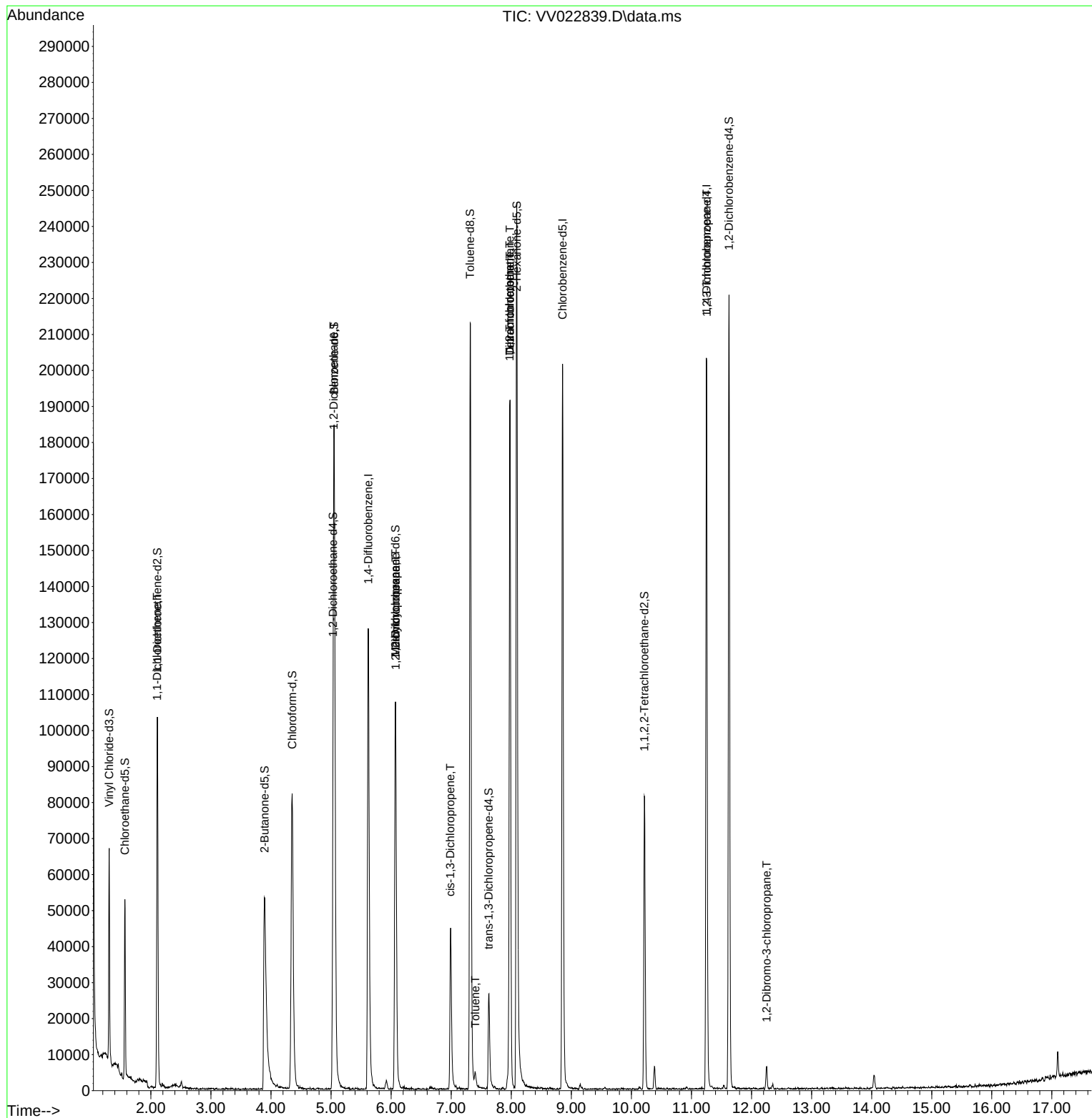
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113543	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37211	4.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.568	69	30965	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.108	63	53067	3.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.892	46	102883	50.228	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	4.352	84	86100	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.034	65	40390	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.053	84	170322	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.072	67	52357	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	143894	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.625	79	15972	4.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	84683	61.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39273	5.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	58574	5.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.105	96	479	0.070	ug/L #	1
27) 1,2-Dichloroethane	5.044	62	937	0.121	ug/L #	69
35) Methylcyclohexane	6.072	83	13720	1.135	ug/L #	17
37) 1,2-Dichloropropane	6.076	63	5702	0.747	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1287	0.127	ug/L #	76
42) Toluene	7.400	91	3352	0.104	ug/L	91
45) 1,1,2-Trichloroethane	7.976	97	459	0.081	ug/L #	7
47) Tetrachloroethene	7.979	164	44152	6.329	ug/L	97
49) Dibromochloromethane	7.979	129	38999	5.885	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	6061	1.572	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.249	75	223	0.318	ug/L #	1

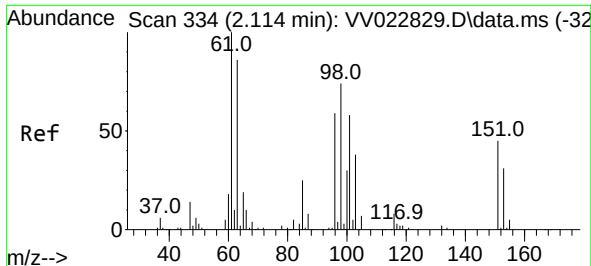
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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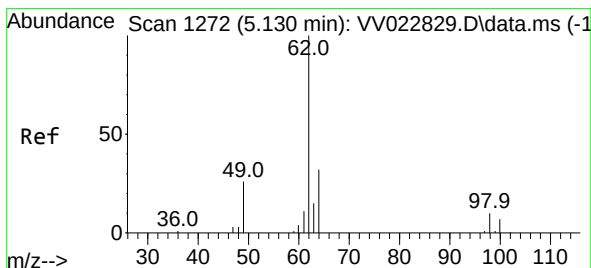
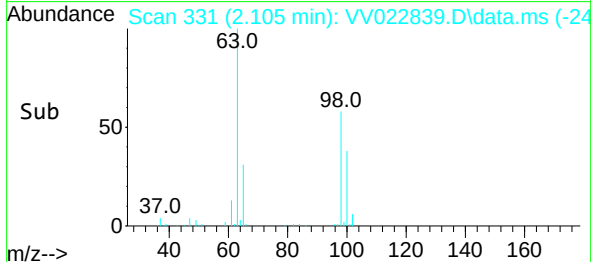
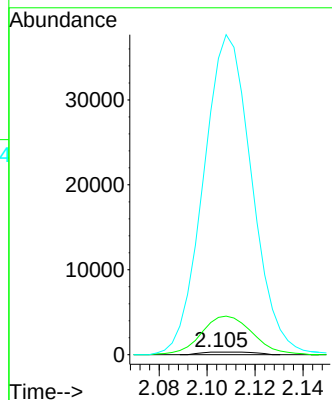
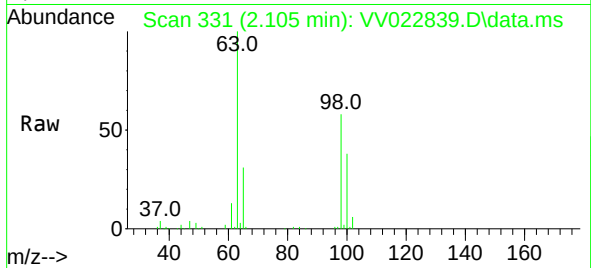




#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19

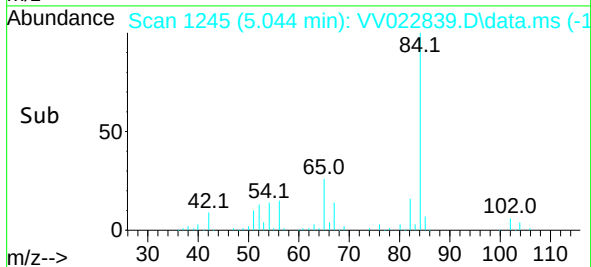
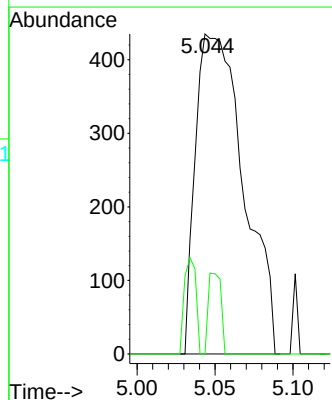
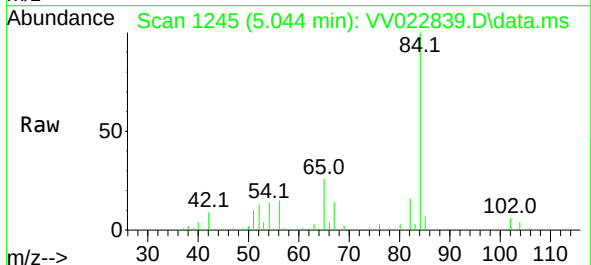
Instrument :
MSVOA_V
ClientSampled :

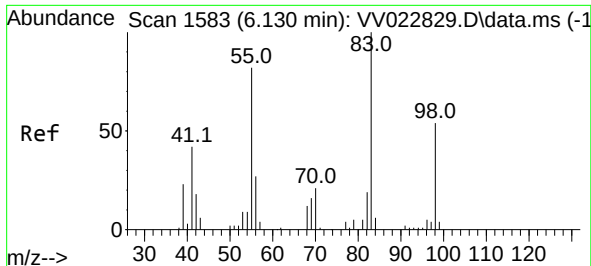
Tgt Ion: 96 Resp: 479
Ion Ratio Lower Upper
96 100
61 1415.2 127.3 236.5#
63 11256.8 106.2 197.2#



#27
1,2-Dichloroethane
Concen: 0.121 ug/L
RT: 5.044 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19

Tgt Ion: 62 Resp: 937
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

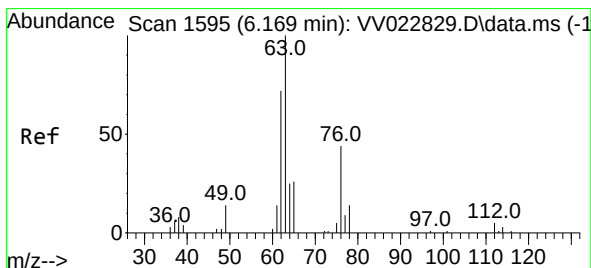
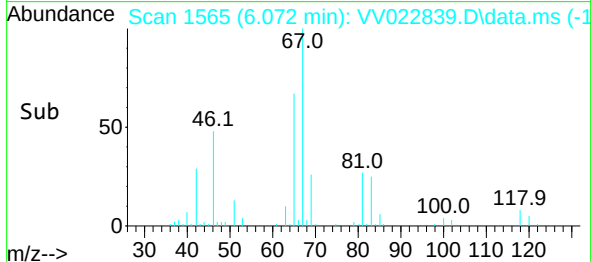
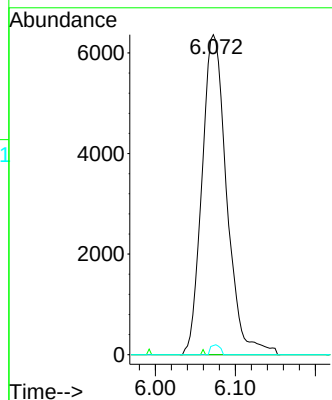
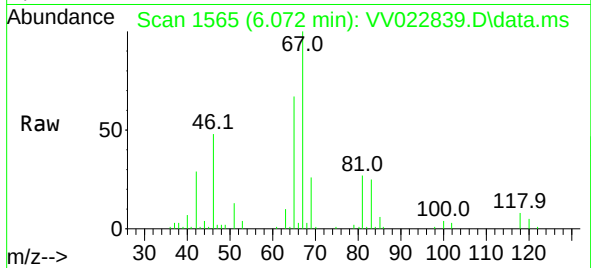




#35
Methylcyclohexane
Concen: 1.135 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19

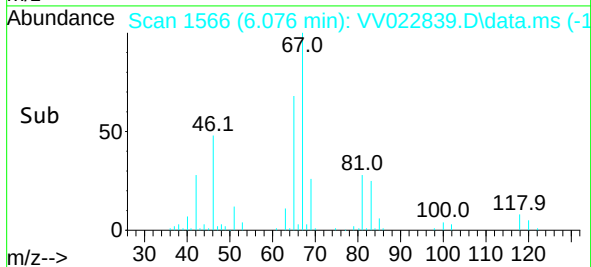
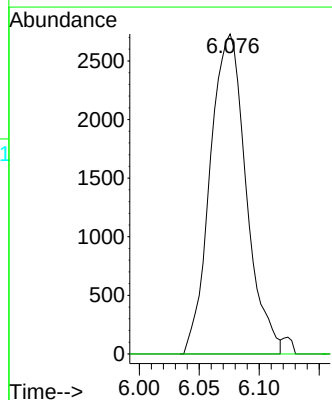
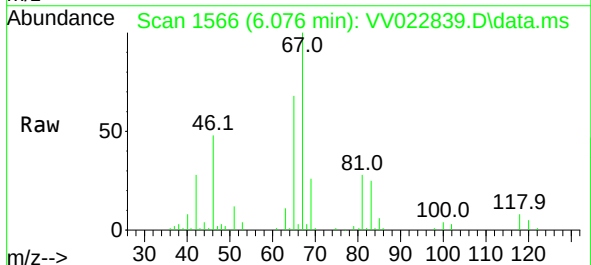
Instrument :
MSVOA_V
ClientSampleId :

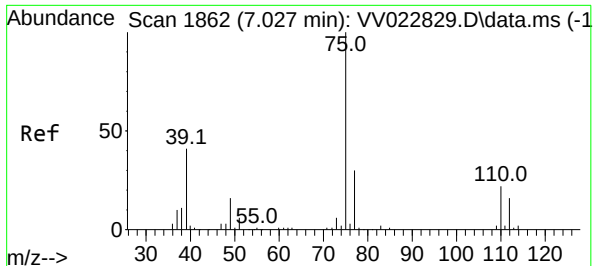
Tgt Ion: 83 Resp: 13720
Ion Ratio Lower Upper
83 100
55 0.1 63.8 95.6#
98 1.2 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.093 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19

Tgt Ion: 63 Resp: 5702
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

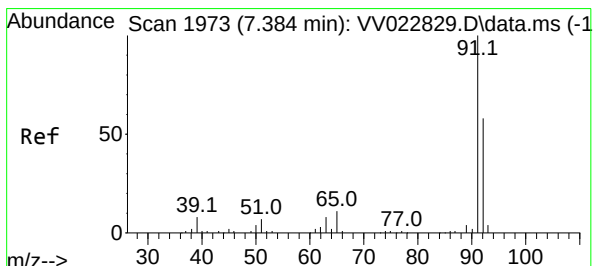
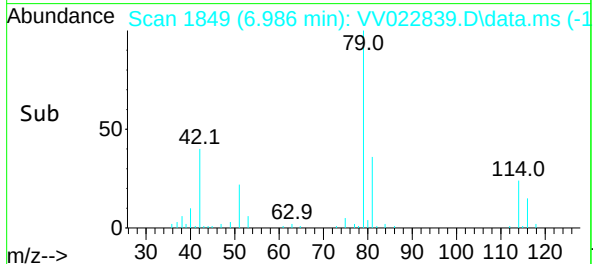
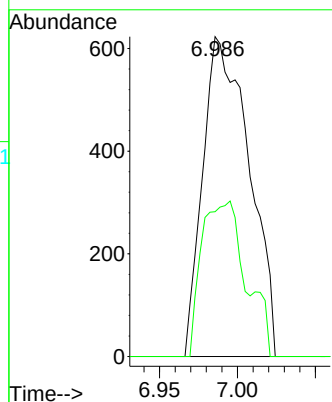
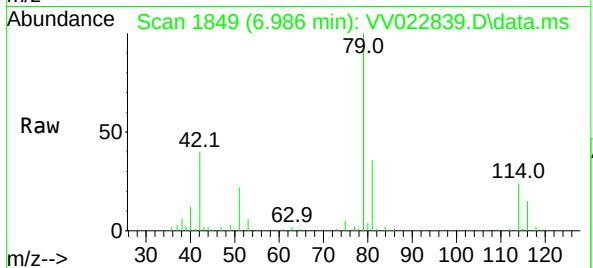




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 6.986 min Scan# 1849
 Delta R.T. -0.042 min
 Lab File: VV022839.D
 Acq: 15 Oct 2021 16:19

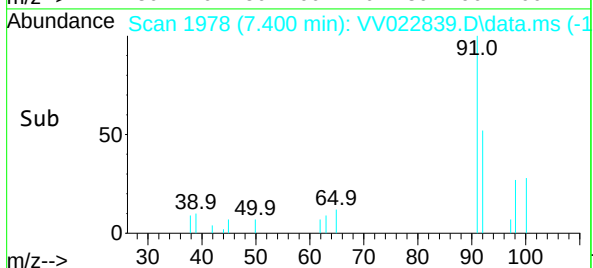
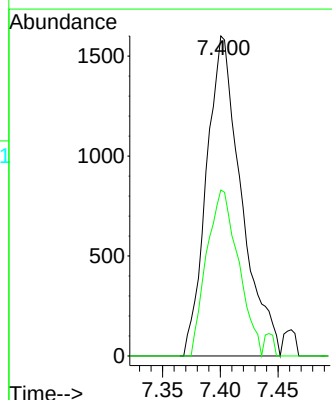
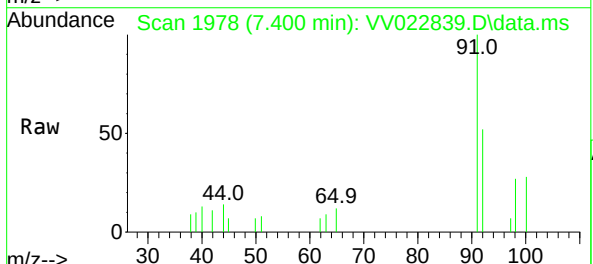
Instrument :
 MSVOA_V
 ClientSampled :

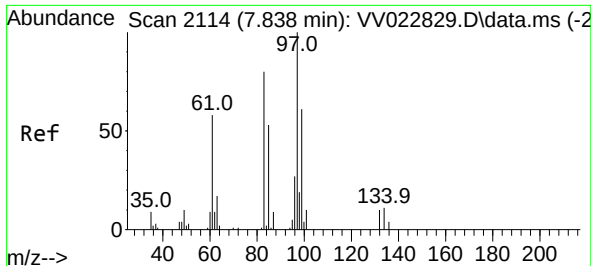
Tgt Ion: 75 Resp: 1287
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.3 41.3#



#42
 Toluene
 Concen: 0.104 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.016 min
 Lab File: VV022839.D
 Acq: 15 Oct 2021 16:19

Tgt Ion: 91 Resp: 3352
 Ion Ratio Lower Upper
 91 100
 92 51.8 40.7 75.7

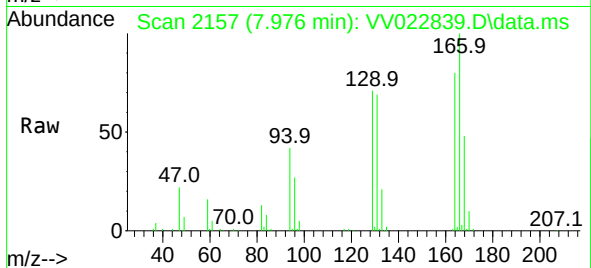




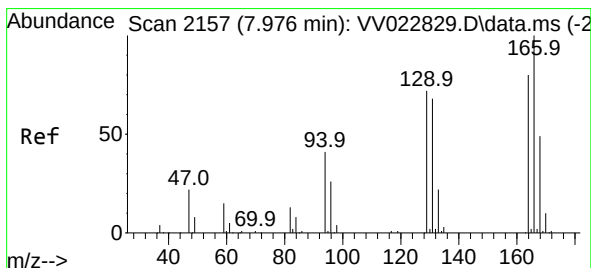
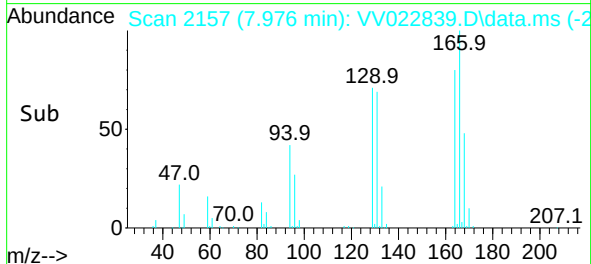
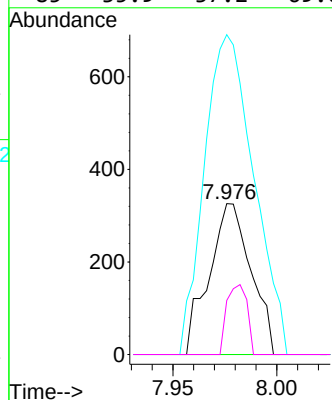
#45

1,1,2-Trichloroethane
Concen: 0.081 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.138 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

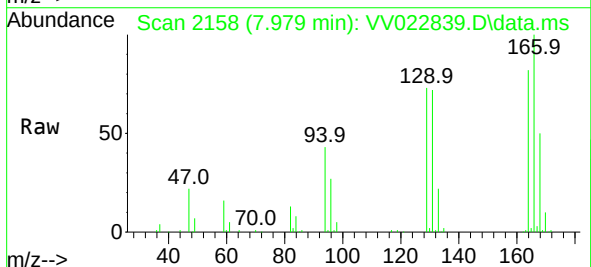


Tgt Ion: 97	Resp:	459
Ion	Ratio	Lower Upper
97	100	
99	0.0	44.5 82.7#
83	212.0	56.6 105.0#
85	35.9	37.2 69.0#

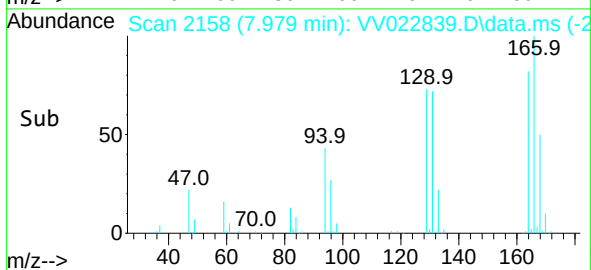
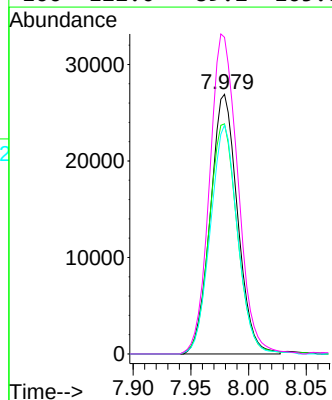


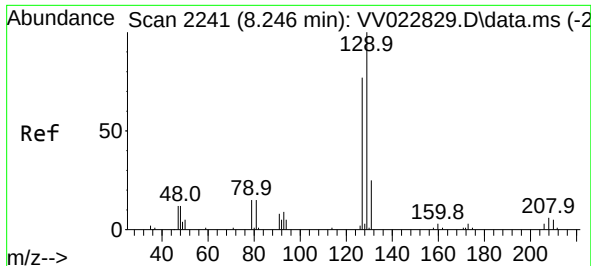
#47

Tetrachloroethene
Concen: 6.329 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022839.D
Acq: 15 Oct 2021 16:19



Tgt Ion: 164	Resp:	44152
Ion	Ratio	Lower Upper
164	100	
129	88.6	65.0 120.6
131	88.2	62.2 115.4
166	122.0	89.2 165.8





#49

Dibromochloromethane

Concen: 5.885 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022839.D

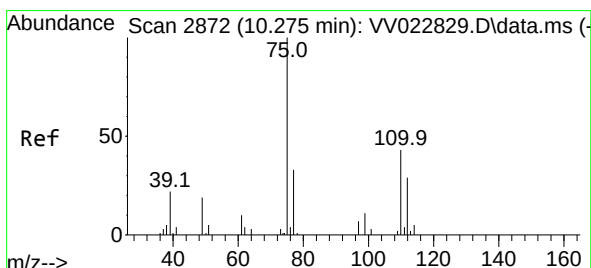
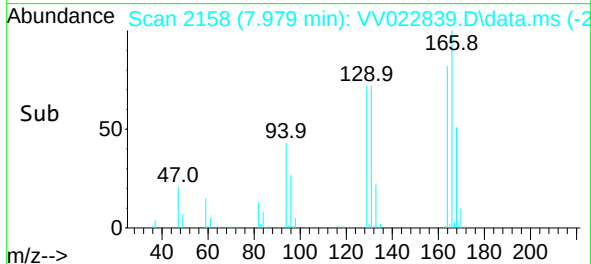
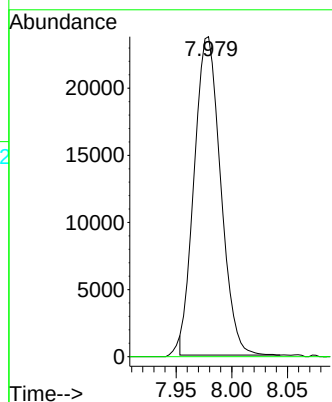
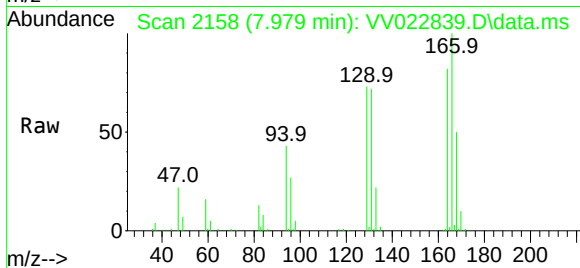
Acq: 15 Oct 2021 16:19

Tgt Ion:129 Resp: 38999

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.572 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022839.D

Acq: 15 Oct 2021 16:19

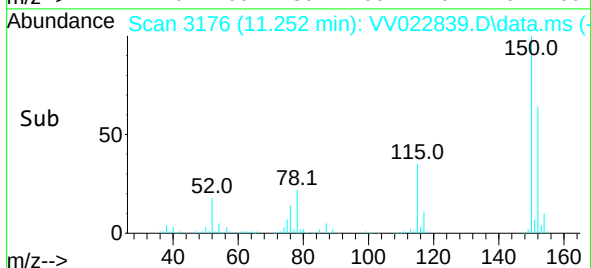
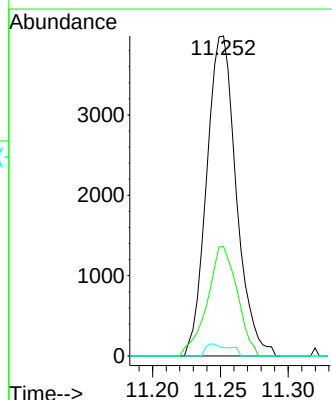
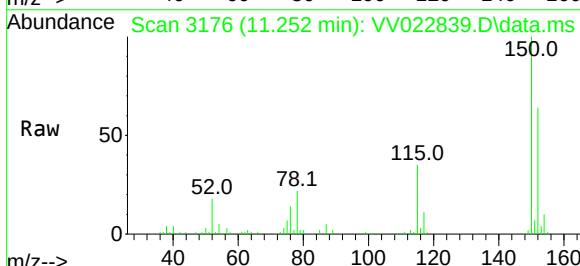
Tgt Ion: 75 Resp: 6061

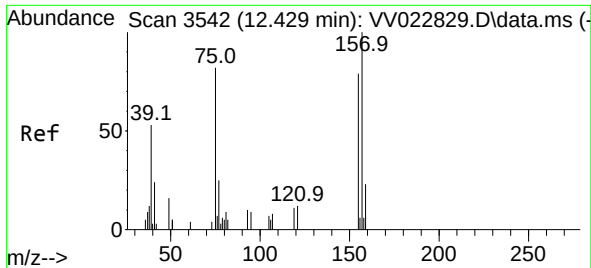
Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.2

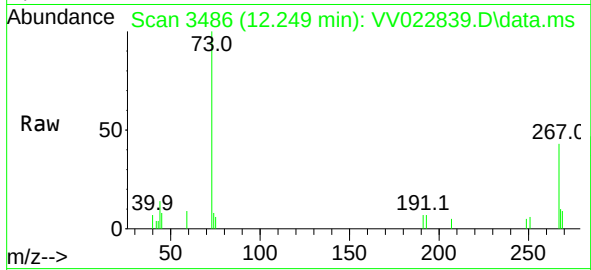
110 3.0 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.318 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.180 min
 Lab File: VV022839.D
 Acq: 15 Oct 2021 16:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 223
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

