

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043148.D
 Acq On : 16 Apr 2021 02:34
 Operator : SY/MD
 Sample : M2055-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:18:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

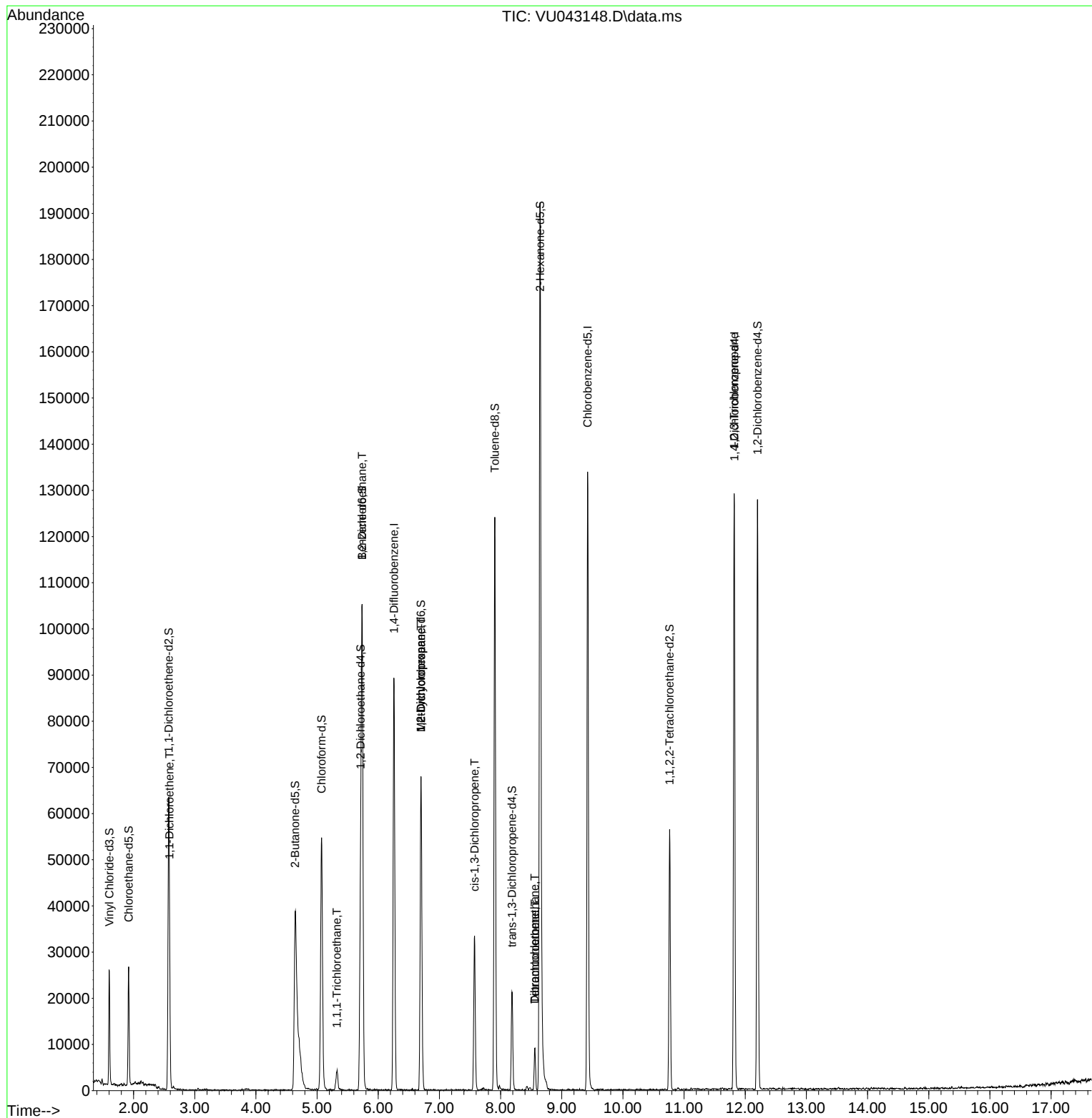
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	66320	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66949	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	31274	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16891	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.919	69	17112	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.575	65	10279	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.642	46	94860	64.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.26%
24) Chloroform-d	5.073	84	47312	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.713	65	32212	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.735	84	87225	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
36) 1,2-Dichloropropane-d6	6.700	67	28527	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.906	98	76803	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	8.185	79	11244	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.645	63	64875	56.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.96%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25810	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	31133	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	5592	1.52	ug/L #	3
27) 1,2-Dichloroethane	5.735	62	600	0.09	ug/L #	74
29) 1,1,1-Trichloroethane	5.321	97	3130	0.38	ug/L #	83
35) Methylcyclohexane	6.700	83	6511	0.95	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3808	0.76	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	798	0.11	ug/L #	74
47) Tetrachloroethene	8.562	164	2002	0.51	ug/L	84
49) Dibromochloromethane	8.558	129	1677	0.35	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4224	1.31	ug/L #	64

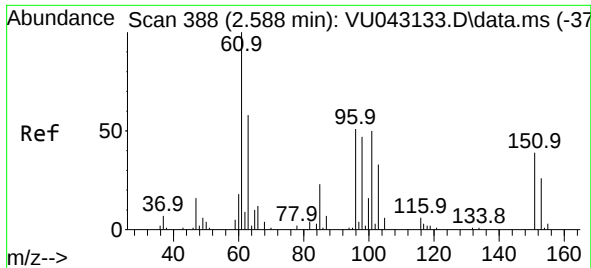
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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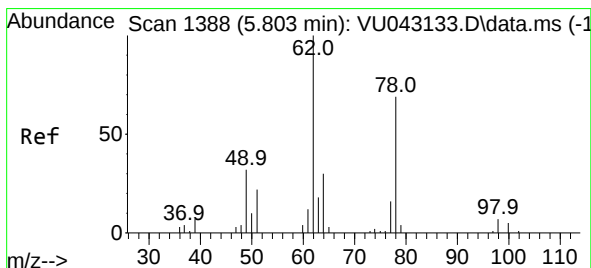
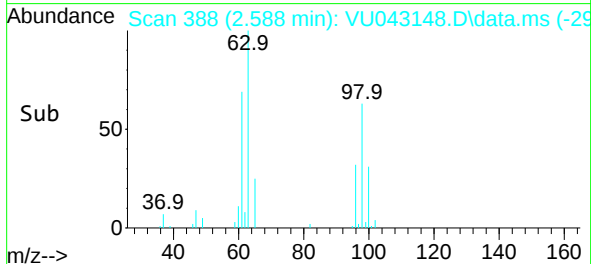
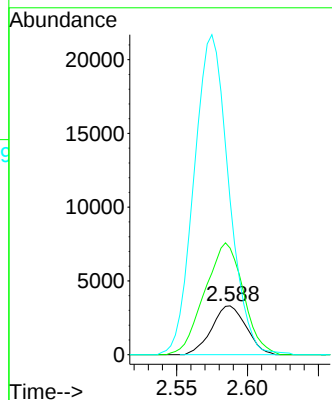
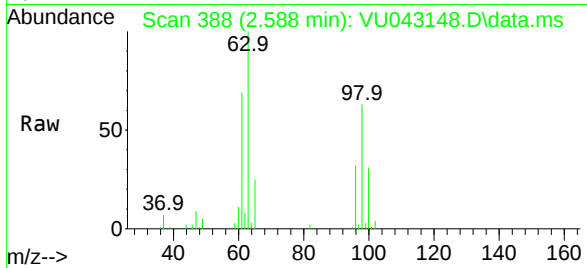




#12
1,1-Dichloroethene
Concen: 1.52 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

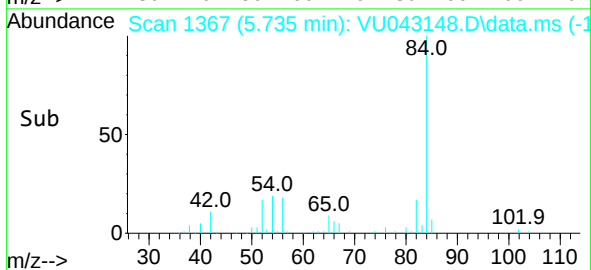
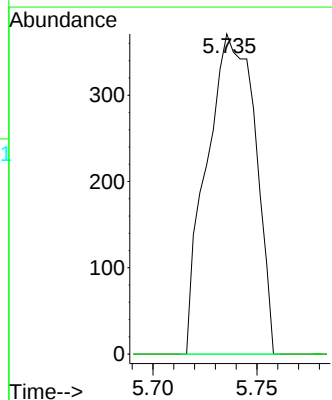
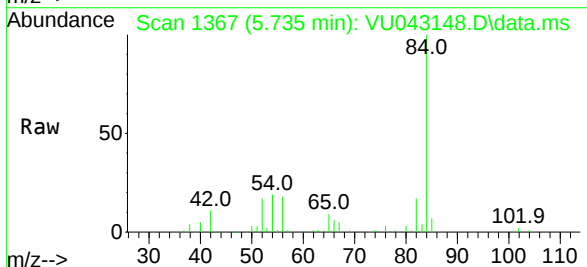
Instrument :
MSVOA_U
ClientSampled :

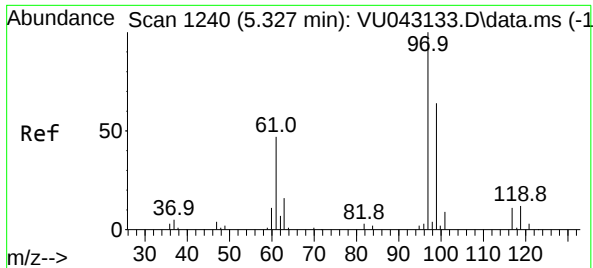
Tgt Ion: 96 Resp: 5592
Ion Ratio Lower Upper
96 100
61 218.1 115.1 213.7#
63 315.9 84.1 156.1#



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

Tgt Ion: 62 Resp: 600
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

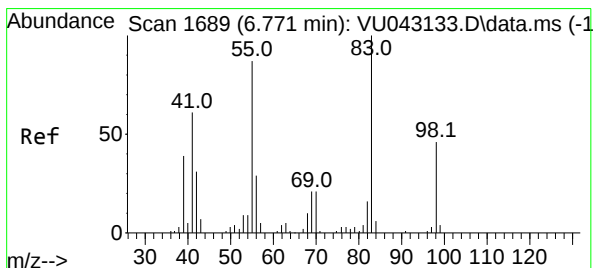
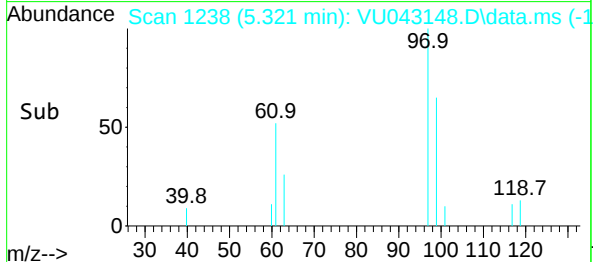
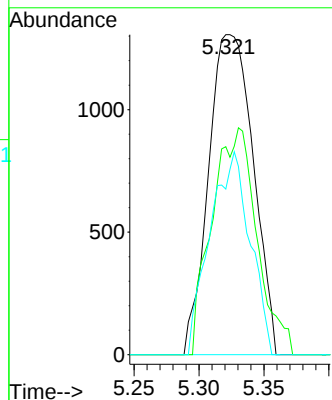
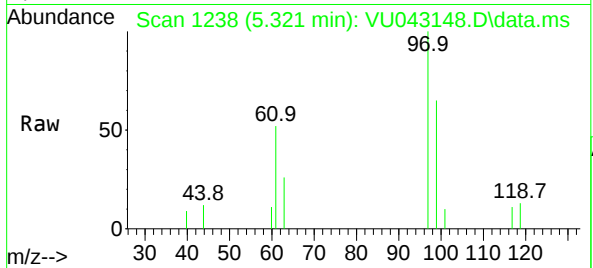




#29
1,1,1-Trichloroethane
Concen: 0.38 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

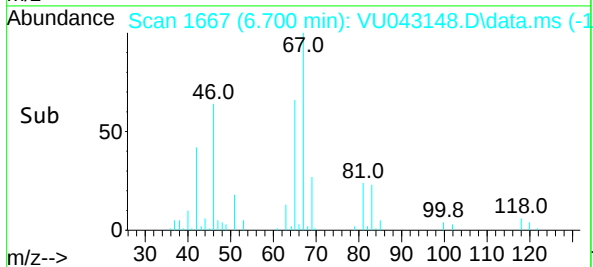
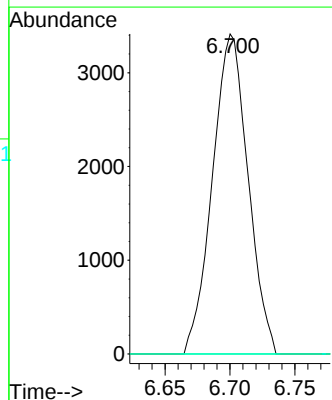
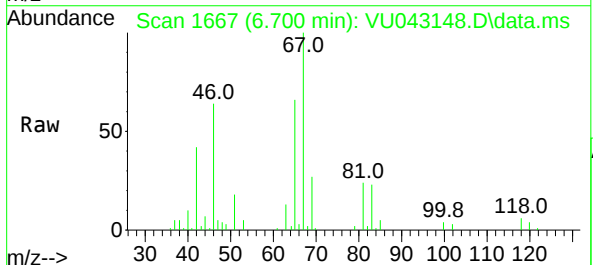
Instrument :
MSVOA_U
ClientSampled :

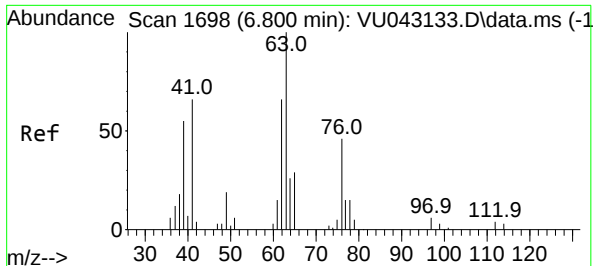
Tgt Ion: 97 Resp: 3130
Ion Ratio Lower Upper
97 100
99 71.4 50.3 75.5
61 56.9 32.7 49.1#



#35
Methylcyclohexane
Concen: 0.95 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

Tgt Ion: 83 Resp: 6511
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#

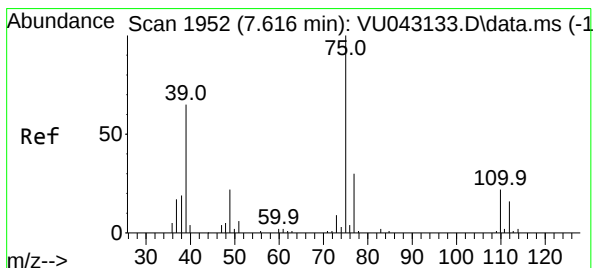
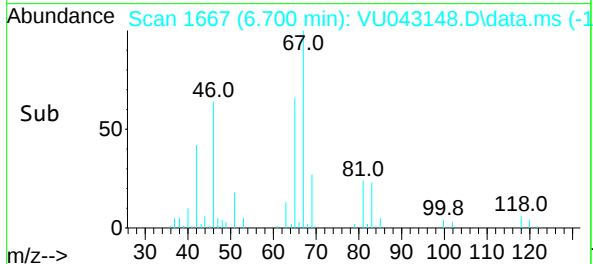
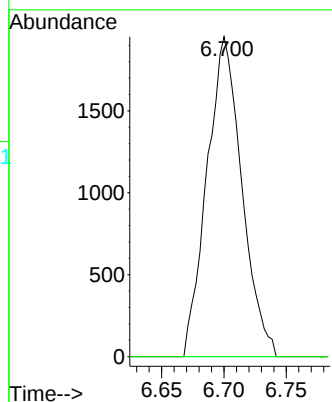
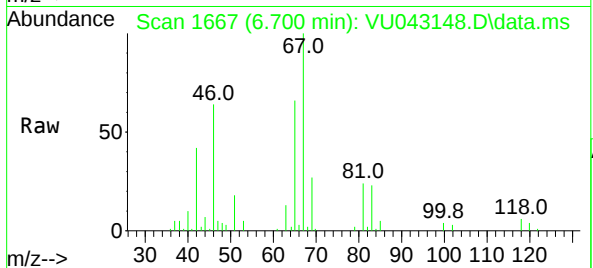




#37
1,2-Dichloropropane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

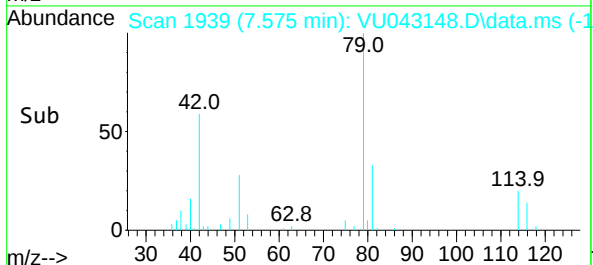
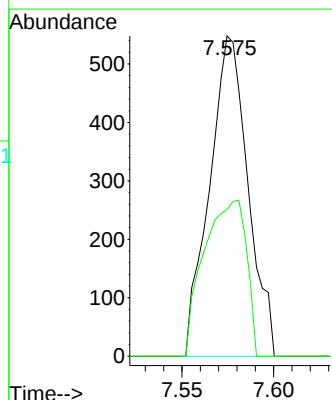
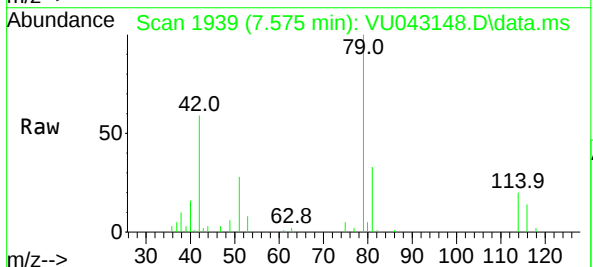
Instrument :
MSVOA_U
ClientSampled :

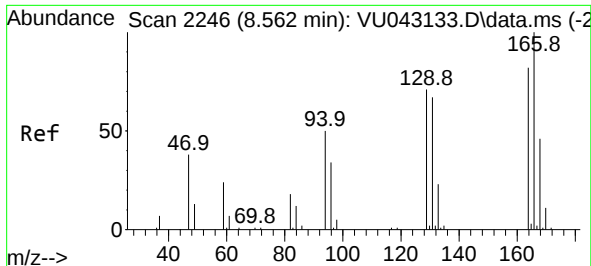
Tgt Ion: 63 Resp: 3808
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043148.D
Acq: 16 Apr 2021 02:34

Tgt Ion: 75 Resp: 798
Ion Ratio Lower Upper
75 100
77 45.8 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.51 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU043148.D

Acq: 16 Apr 2021 02:34

Tgt Ion:164 Resp: 2002

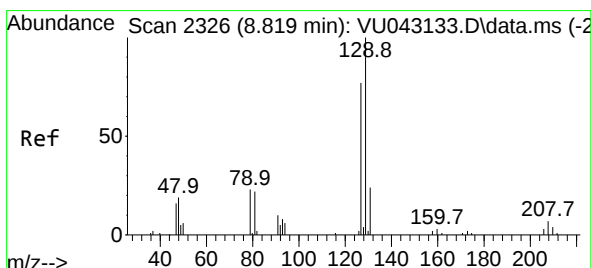
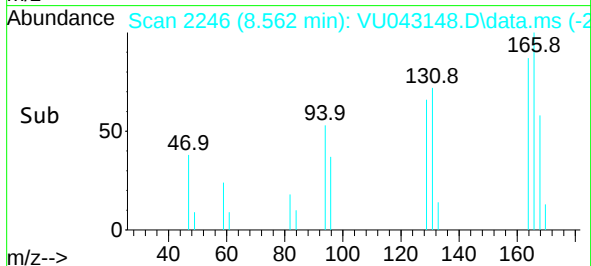
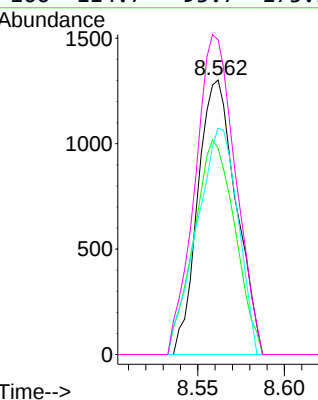
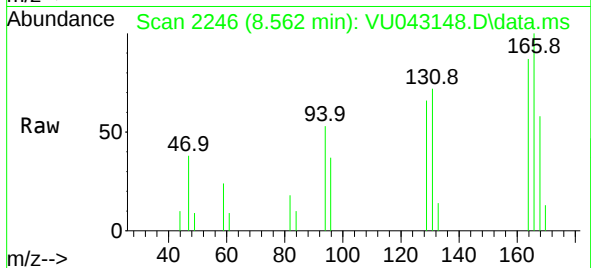
Ion Ratio Lower Upper

164 100

129 75.1 66.6 123.8

131 82.5 65.9 122.3

166 114.7 93.7 173.9



#49

Dibromochloromethane

Concen: 0.35 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043148.D

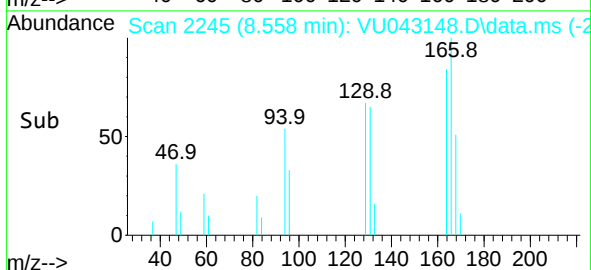
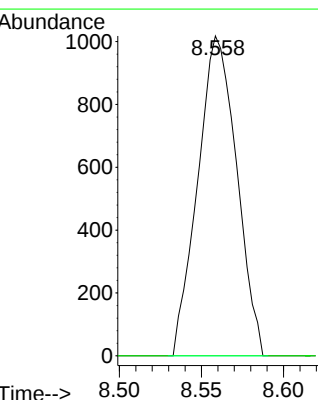
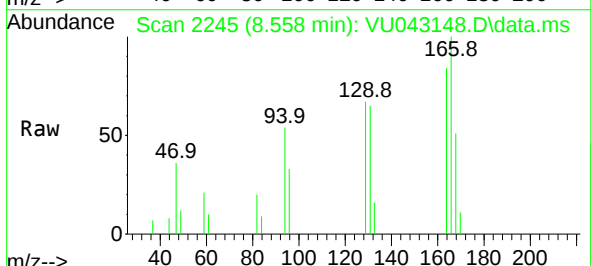
Acq: 16 Apr 2021 02:34

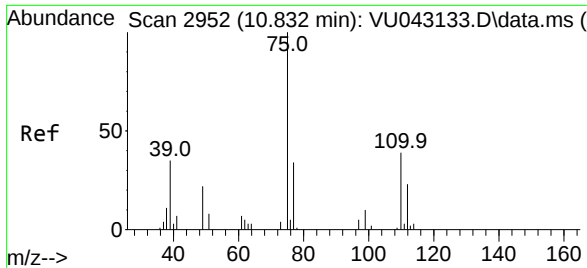
Tgt Ion:129 Resp: 1677

Ion Ratio Lower Upper

129 100

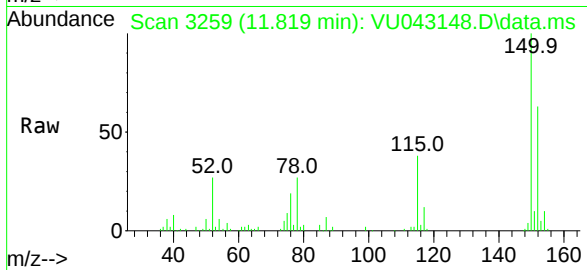
127 0.0 56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043148.D
 Acq: 16 Apr 2021 02:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4224
 Ion Ratio Lower Upper
 75 100
 110 1.0 31.5 47.3#
 77 35.2 26.3 39.5

