

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043147.D
 Acq On : 16 Apr 2021 02:10
 Operator : SY/MD
 Sample : M2055-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:17:51 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)

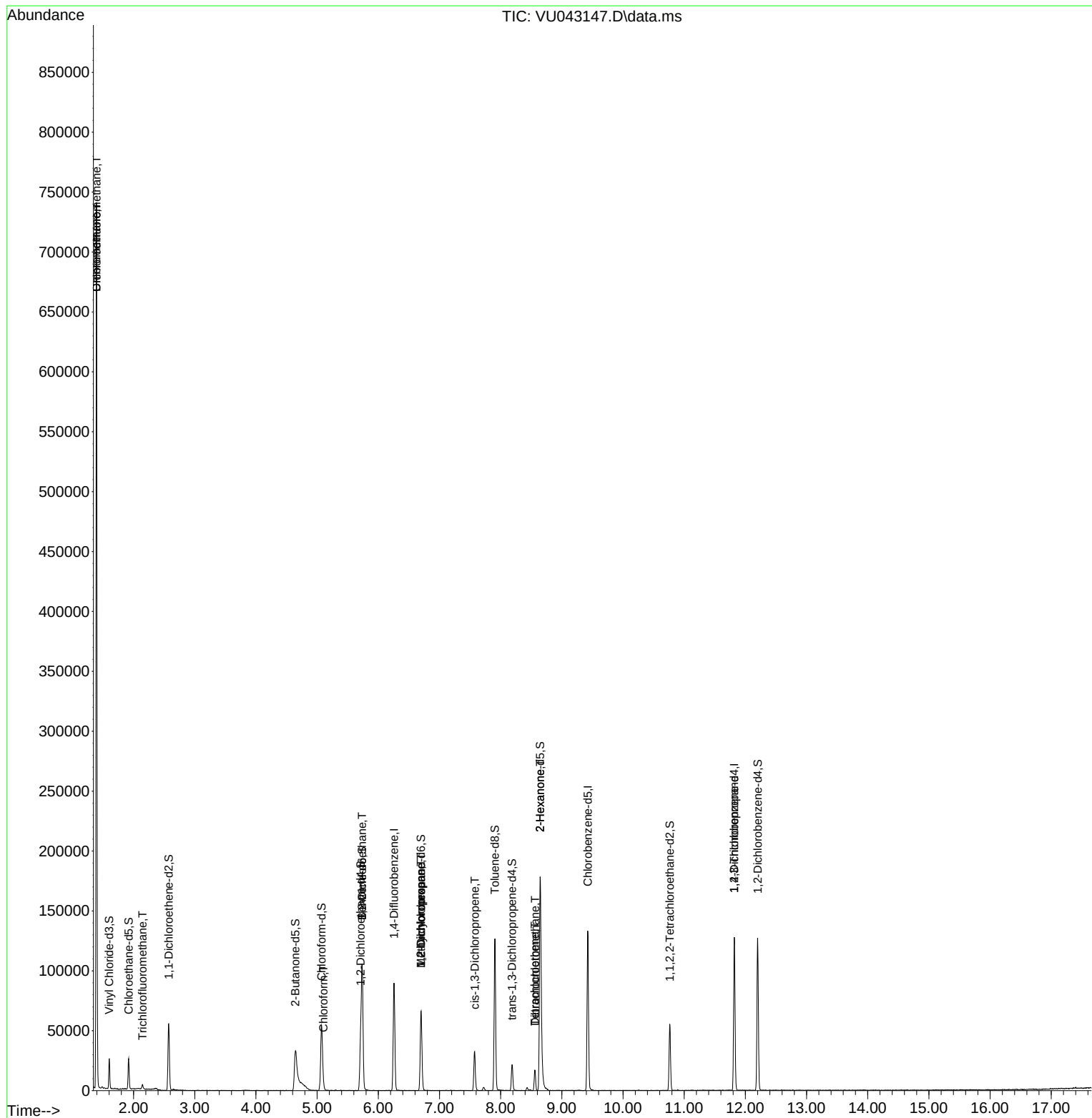
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	67071	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	66422	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	31345	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17521	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.80%	
7) Chloroethane-d5	1.919	69	16913	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.20%	
11) 1,1-Dichloroethene-d2	2.575	65	10458	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.00%	
20) 2-Butanone-d5	4.646	46	75265	50.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 100.62%	
24) Chloroform-d	5.073	84	46762	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.80%	
26) 1,2-Dichloroethane-d4	5.710	65	31199	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.40%	
32) Benzene-d6	5.736	84	84349	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.00%	
36) 1,2-Dichloropropane-d6	6.700	67	29007	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 113.20%	
41) Toluene-d8	7.906	98	75849	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.40%	
43) trans-1,3-Dichloroprop...	8.186	79	11573	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.20%	
46) 2-Hexanone-d5	8.645	63	66768	59.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 118.22%	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	25941	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.00%	
66) 1,2-Dichlorobenzene-d4	12.202	152	30880	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 115.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.395	85	8872	2.06	ug/L	100
3) Chloromethane	1.392	50	32163	7.60	ug/L	# 73
9) Trichlorofluoromethane	2.144	101	2335	0.28	ug/L	93
25) Chloroform	5.102	83	3924	0.43	ug/L	95
27) 1,2-Dichloroethane	5.736	62	563	0.08	ug/L	# 74
35) Methylcyclohexane	6.697	83	6473	0.96	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	3545	0.71	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1045	0.14	ug/L	# 40
47) Tetrachloroethene	8.559	164	3702	0.95	ug/L	95
48) 2-Hexanone	8.645	43	11234	3.41	ug/L	# 66
49) Dibromochloromethane	8.562	129	3469	0.74	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	3981	1.23	ug/L	# 58

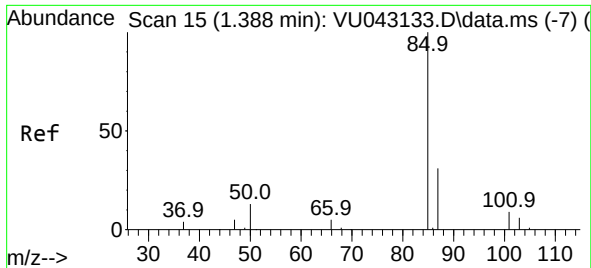
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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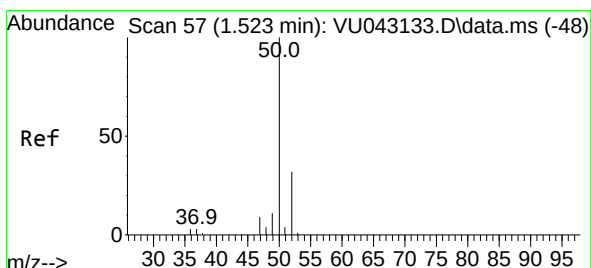
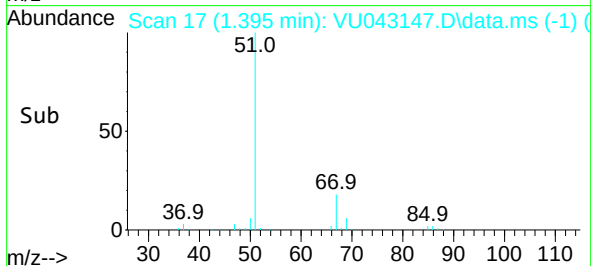
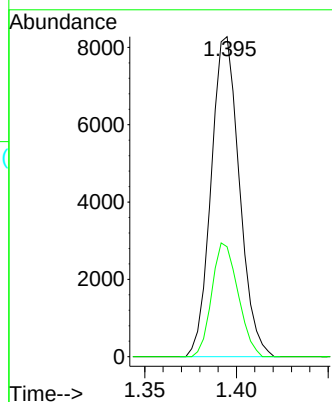
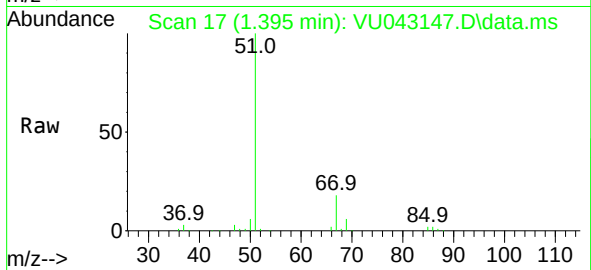




#2
Dichlorodifluoromethane
Concen: 2.06 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

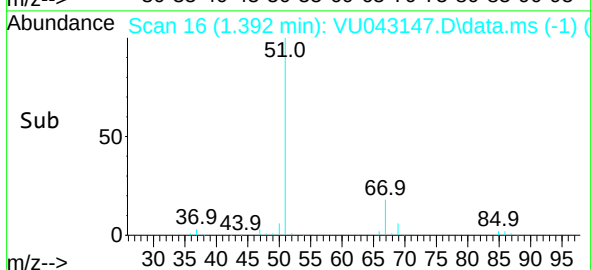
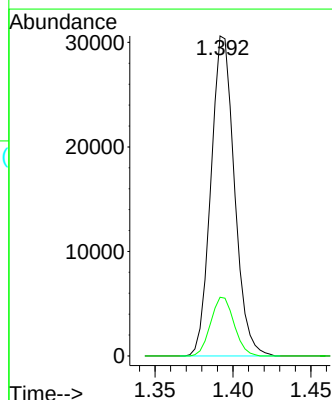
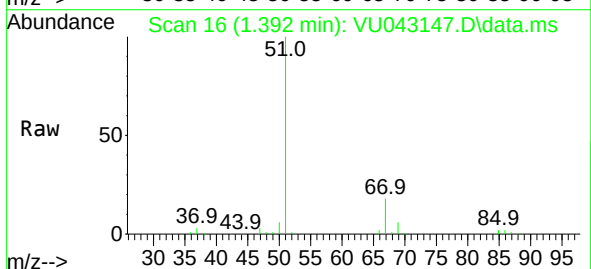
Instrument :
MSVOA_U
ClientSampled :

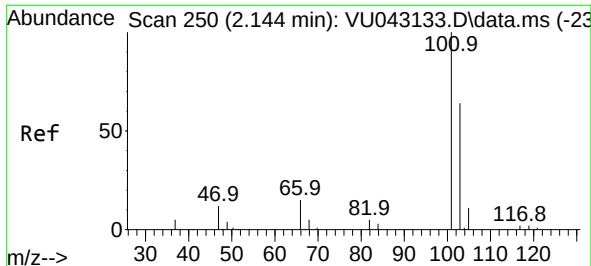
Tgt Ion: 85 Resp: 8872
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5



#3
Chloromethane
Concen: 7.60 ug/L
RT: 1.392 min Scan# 16
Delta R.T. -0.132 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

Tgt Ion: 50 Resp: 32163
Ion Ratio Lower Upper
50 100
52 18.4 23.6 43.8#

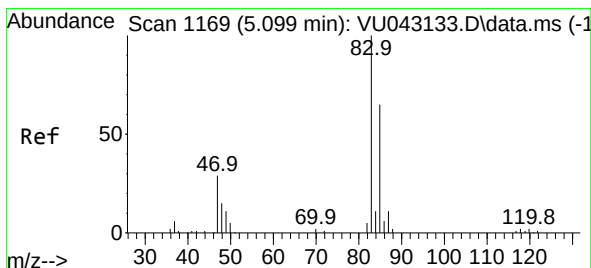
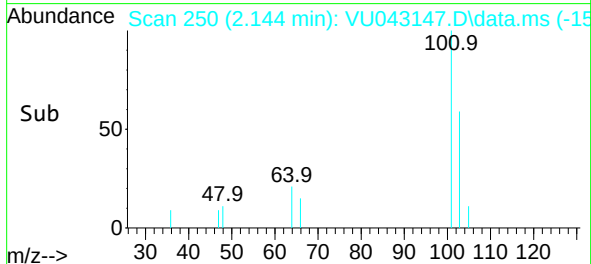
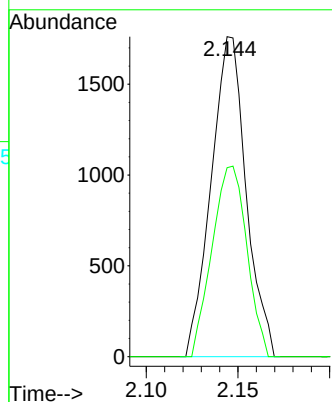
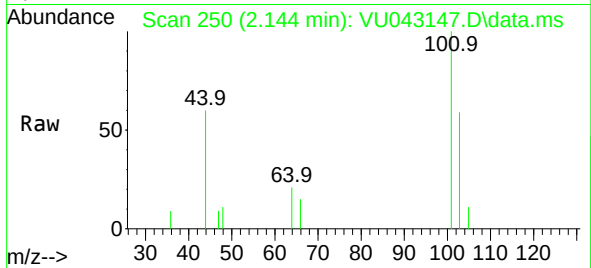




#9
Trichlorofluoromethane
Concen: 0.28 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

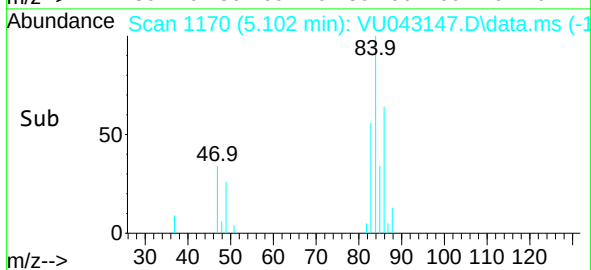
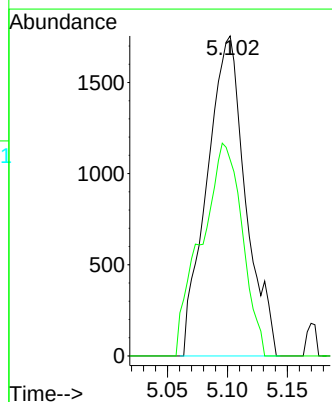
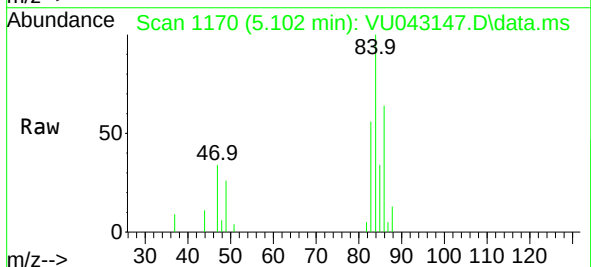
Instrument :
MSVOA_U
ClientSampleId :

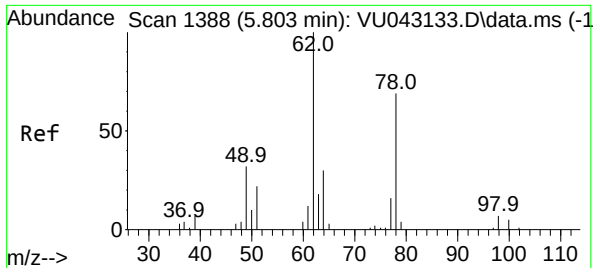
Tgt Ion:101 Resp: 2335
Ion Ratio Lower Upper
101 100
103 59.1 51.5 77.3



#25
Chloroform
Concen: 0.43 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

Tgt Ion: 83 Resp: 3924
Ion Ratio Lower Upper
83 100
85 61.4 45.6 84.8



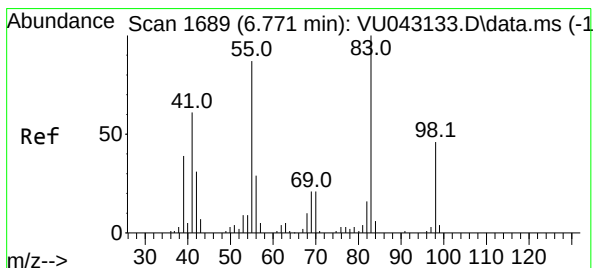
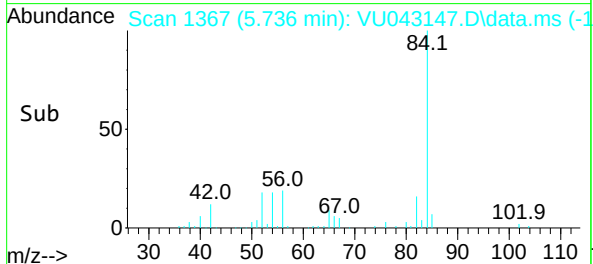
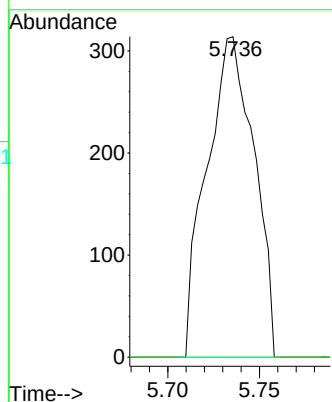
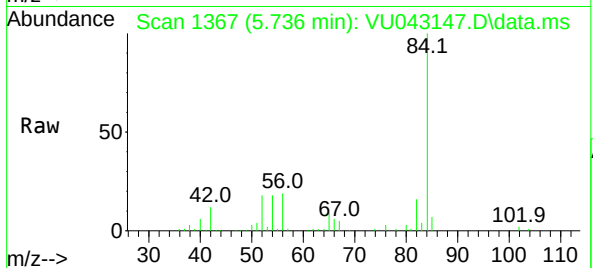


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

Instrument :
MSVOA_U
ClientSampleId :

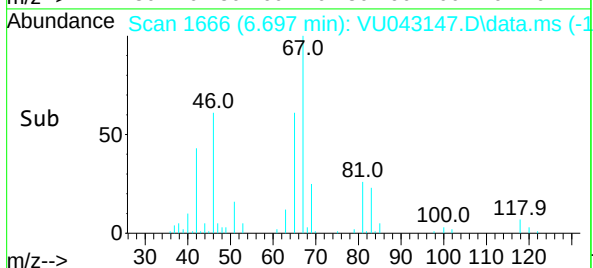
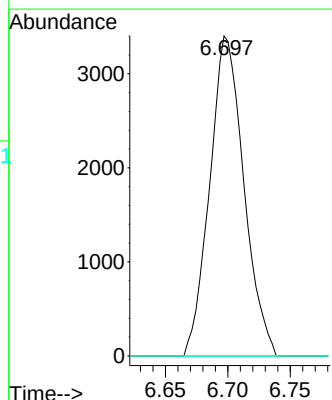
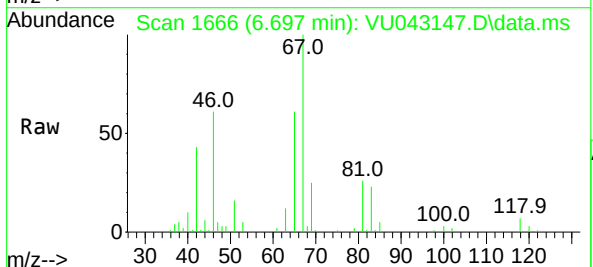
Tgt Ion: 62 Resp: 563
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

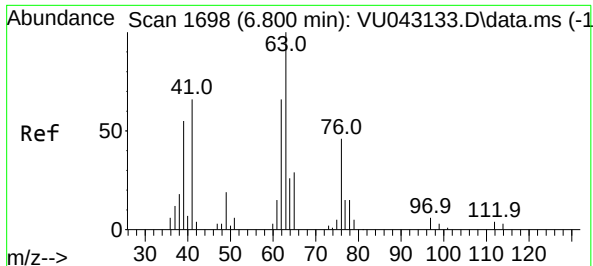


#35

Methylcyclohexane
Concen: 0.96 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

Tgt Ion: 83 Resp: 6473
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



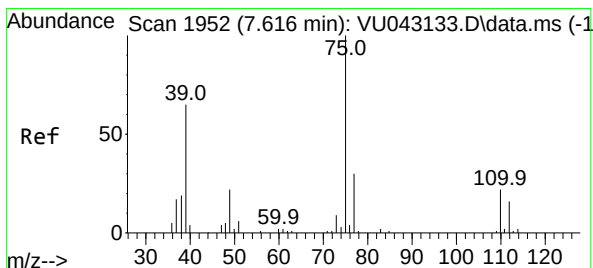
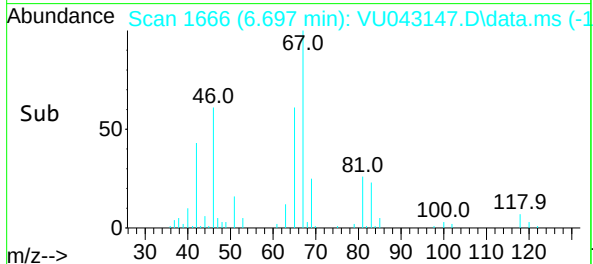
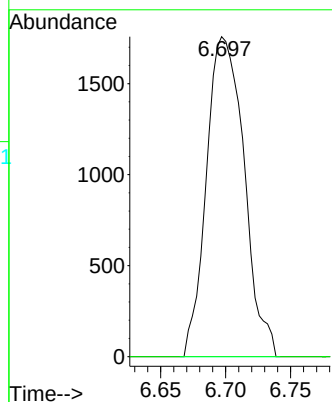
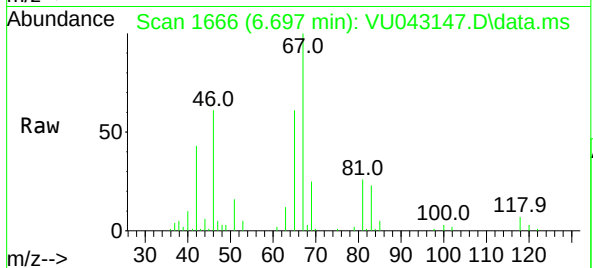


#37

1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

Instrument :
MSVOA_U
ClientSampleId :

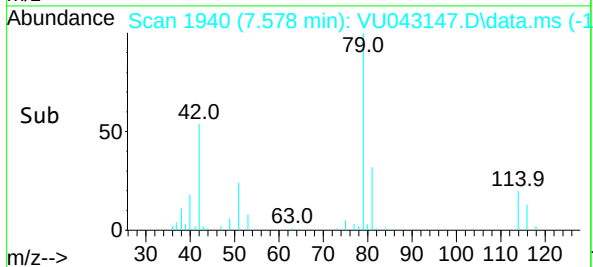
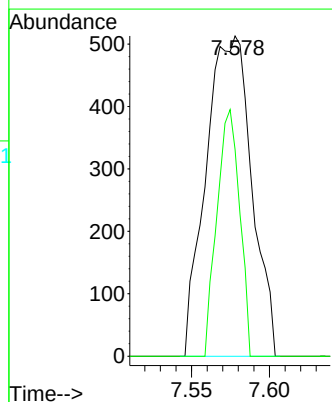
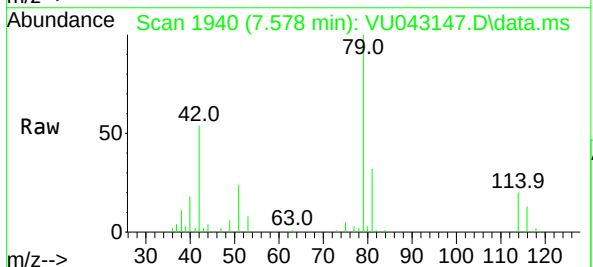
Tgt Ion: 63 Resp: 3545
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

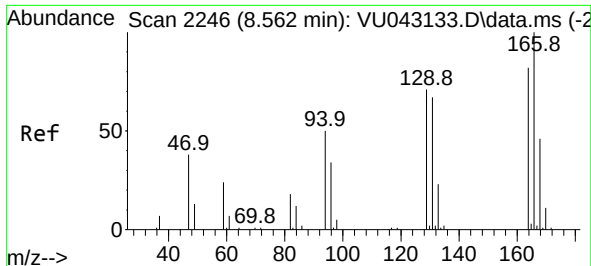


#39

cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

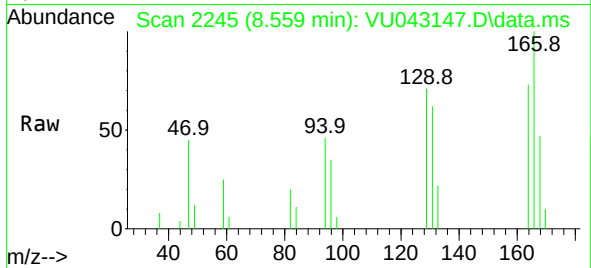
Tgt Ion: 75 Resp: 1045
Ion Ratio Lower Upper
75 100
77 64.5 21.8 40.6#



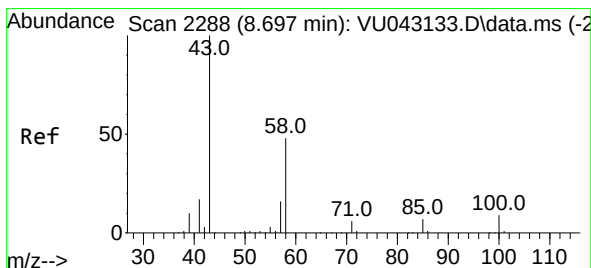
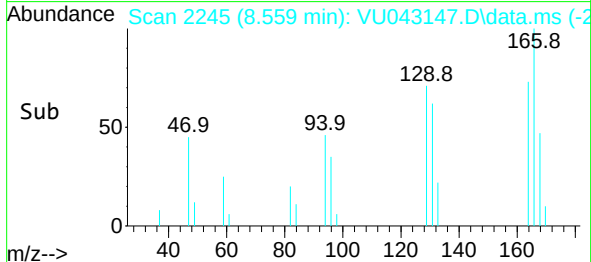
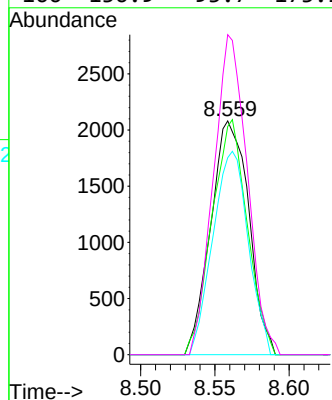


#47
Tetrachloroethene
Concen: 0.95 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10

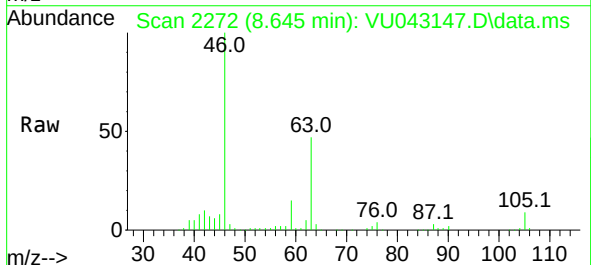
Instrument :
MSVOA_U
ClientSampleId :



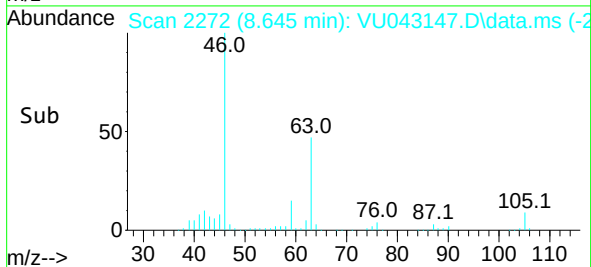
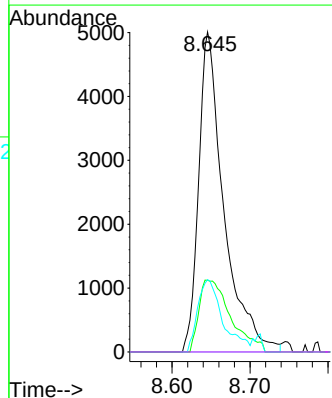
Tgt Ion:164 Resp: 3702
Ion Ratio Lower Upper
164 100
129 97.6 66.6 123.8
131 84.3 65.9 122.3
166 136.9 93.7 173.9

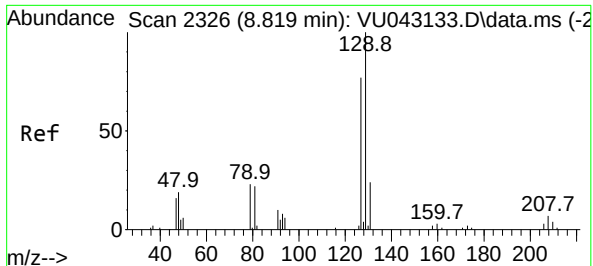


#48
2-Hexanone
Concen: 3.41 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043147.D
Acq: 16 Apr 2021 02:10



Tgt Ion: 43 Resp: 11234
Ion Ratio Lower Upper
43 100
58 28.4 50.0 75.0#
57 22.6 17.4 26.0
100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 0.74 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043147.D

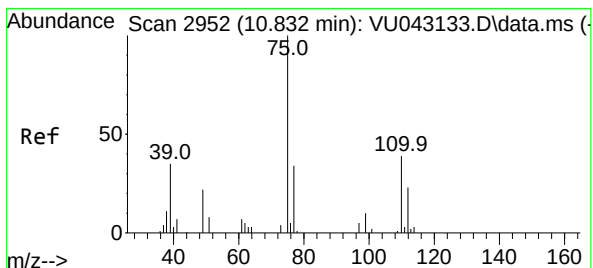
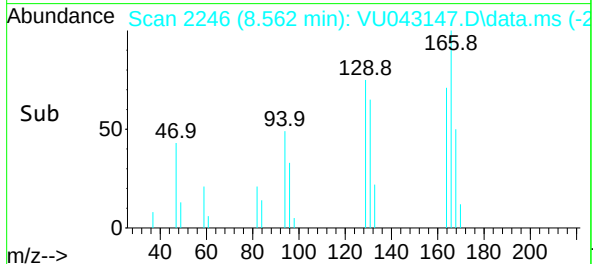
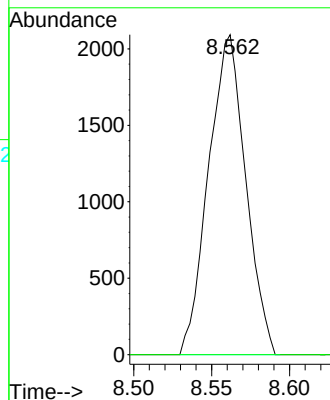
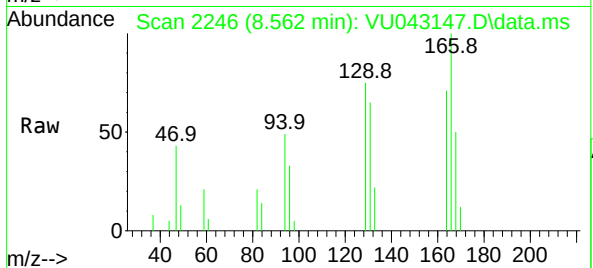
Acq: 16 Apr 2021 02:10

Tgt Ion: 129 Resp: 3469

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.23 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043147.D

Acq: 16 Apr 2021 02:10

Tgt Ion: 75 Resp: 3981

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 41.8 26.3 39.5#

