

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043140.D
 Acq On : 15 Apr 2021 23:22
 Operator : SY/MD
 Sample : M2055-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:16:01 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)

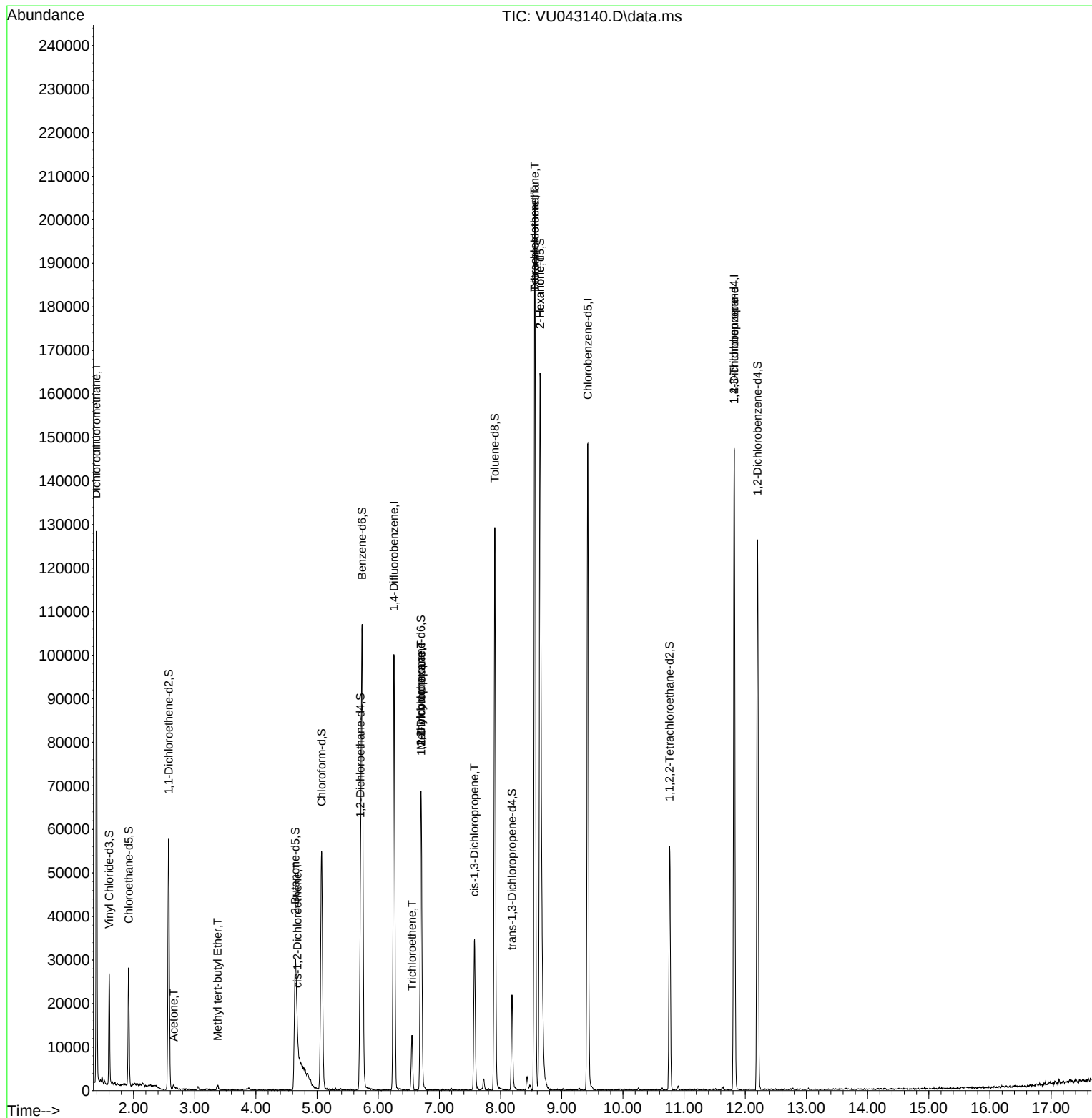
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76465	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	75434	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36512	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17582	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.919	69	17478	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.575	65	10984	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.645	46	66303	38.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.76%
24) Chloroform-d	5.073	84	47456	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.710	65	31665	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.735	84	86706	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.700	67	30392	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.906	98	79985	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.185	79	11755	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.645	63	68979	53.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25558	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	31587	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	1597	0.33	ug/L	96
13) Acetone	2.658	43	1616	1.29	ug/L	89
17) Methyl tert-butyl Ether	3.375	73	1105	0.08	ug/L	# 72
22) cis-1,2-Dichloroethene	4.681	96	582	0.11	ug/L	# 79
34) Trichloroethene	6.552	95	3821	0.69	ug/L	94
35) Methylcyclohexane	6.697	83	6908	0.90	ug/L	# 21
37) 1,2-Dichloropropane	6.703	63	3563	0.63	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	946	0.11	ug/L	# 68
47) Tetrachloroethene	8.558	164	42802	9.72	ug/L	96
48) 2-Hexanone	8.645	43	10315	2.76	ug/L	# 61
49) Dibromochloromethane	8.562	129	38469	7.19	ug/L	# 10
61) 1,2,3-Trichloropropane	11.819	75	4651	1.23	ug/L	# 58

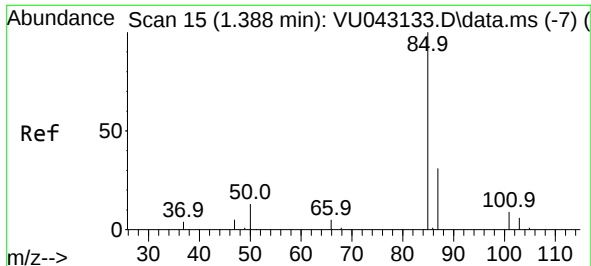
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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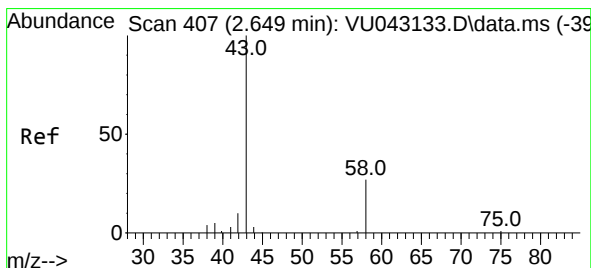
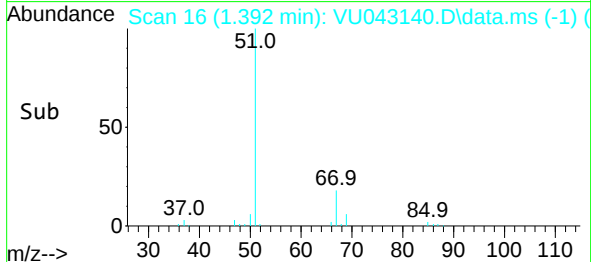
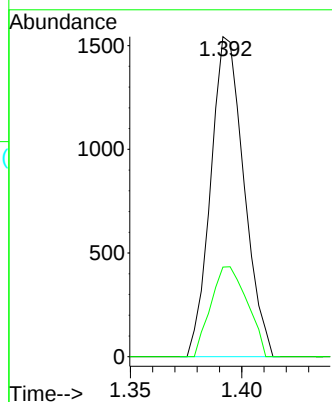
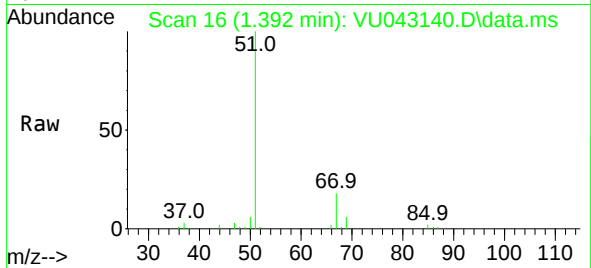




#2
Dichlorodifluoromethane
Concen: 0.33 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

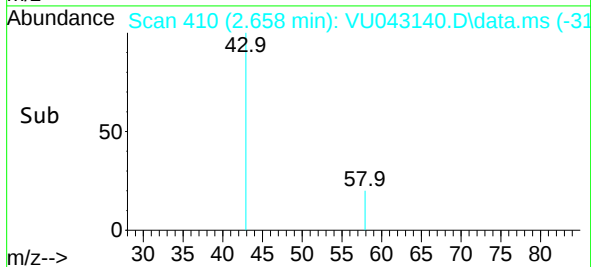
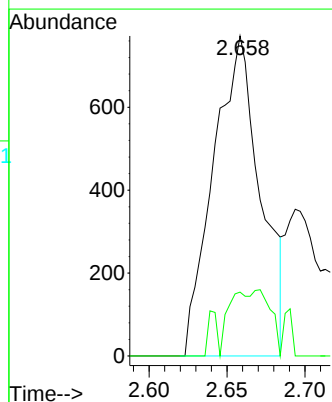
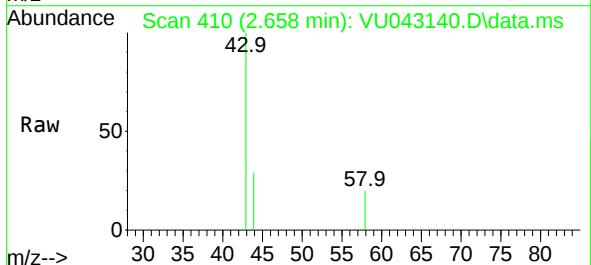
Instrument :
MSVOA_U
ClientSampled :

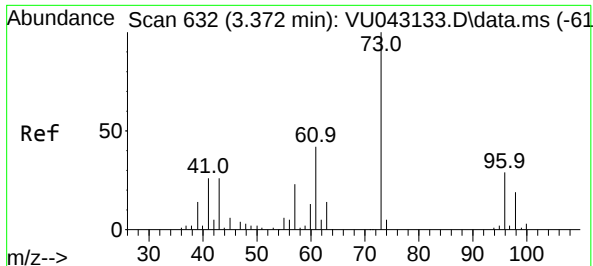
Tgt Ion: 85 Resp: 1597
Ion Ratio Lower Upper
85 100
87 30.7 26.3 39.5



#13
Acetone
Concen: 1.29 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.010 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 8.0 0.0 25.0

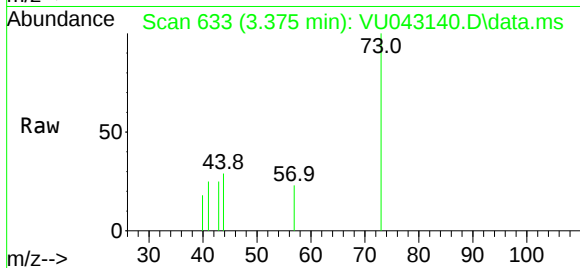




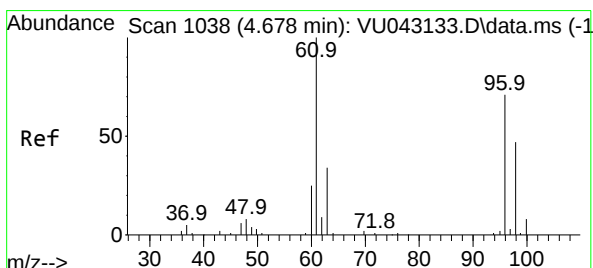
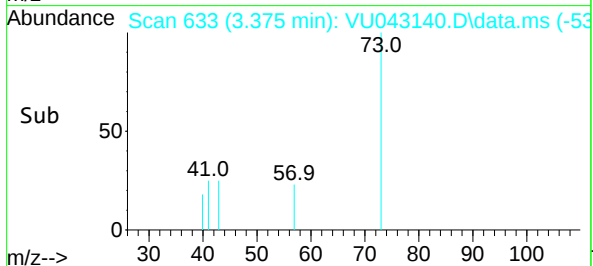
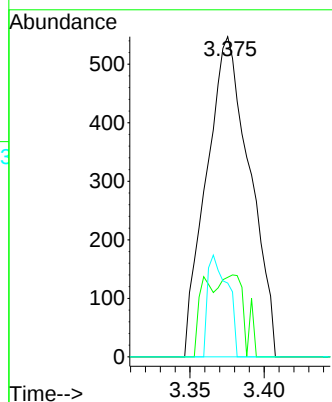
#17

Methyl tert-butyl Ether
 Concen: 0.08 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. 0.003 min
 Lab File: VU043140.D
 Acq: 15 Apr 2021 23:22

Instrument :
 MSVOA_U
 ClientSampled :

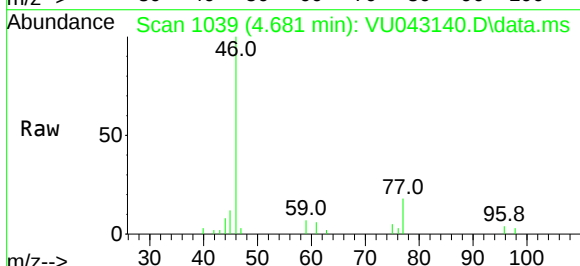


Tgt Ion: 73	Resp: 1105
Ion Ratio	Lower Upper
73 100	
43 15.5	15.0 22.4
57 0.0	17.3 25.9#

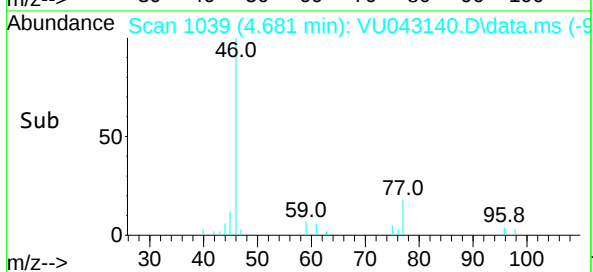
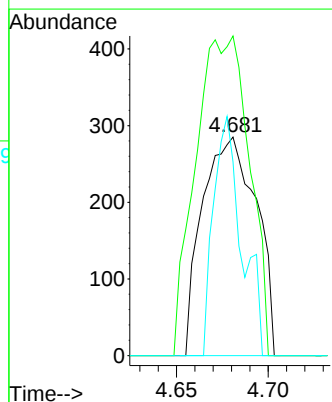


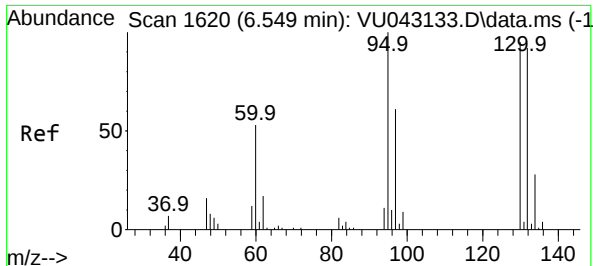
#22

cis-1,2-Dichloroethene
 Concen: 0.11 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VU043140.D
 Acq: 15 Apr 2021 23:22



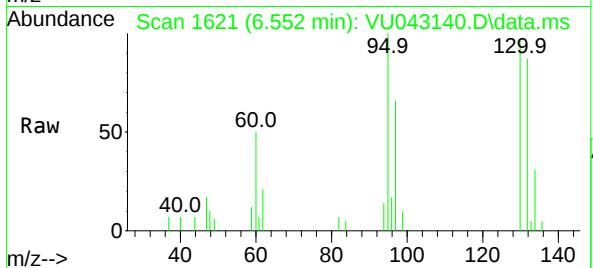
Tgt Ion: 96	Resp: 582
Ion Ratio	Lower Upper
96 100	
61 146.3	87.4 162.4
98 88.8	47.7 88.5#





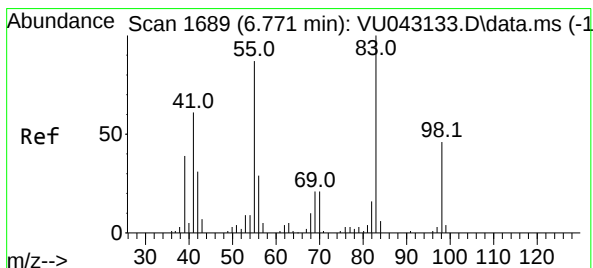
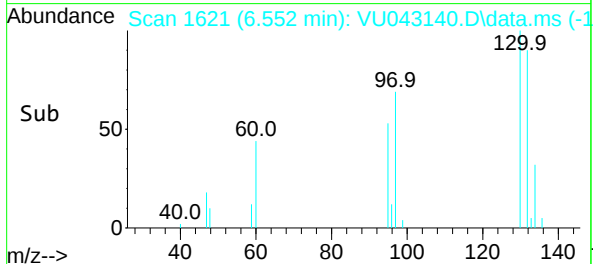
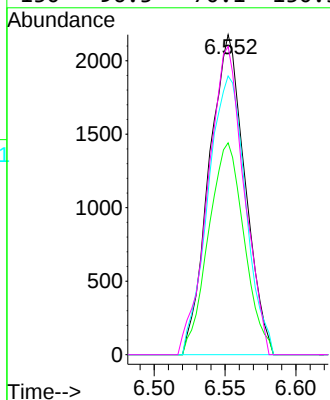
#34
Trichloroethene
Concen: 0.69 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 95 Resp: 3821

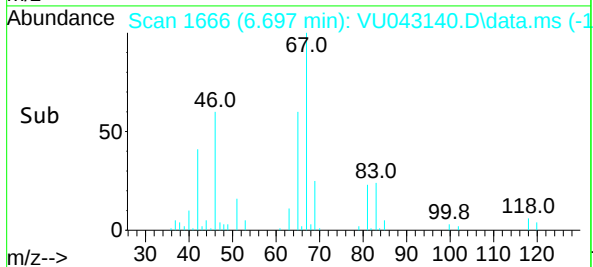
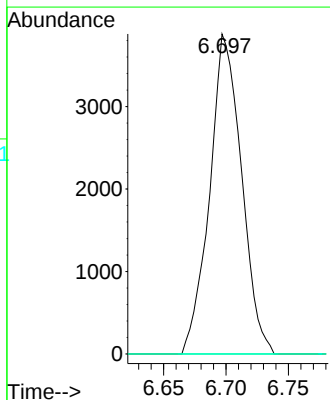
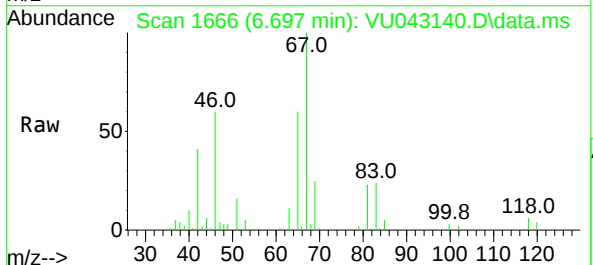
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.8	85.2
132	87.1	68.7	127.7
130	96.3	70.1	130.3

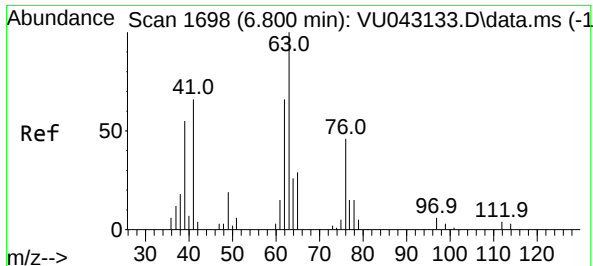


#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Tgt Ion: 83 Resp: 6908

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	3.2	37.9	56.9#



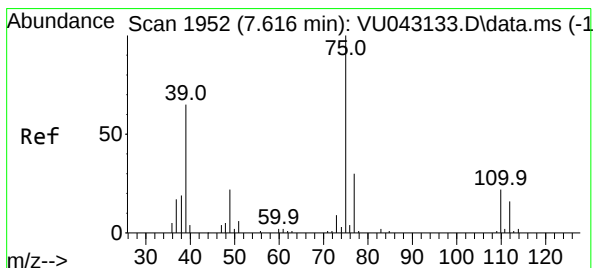
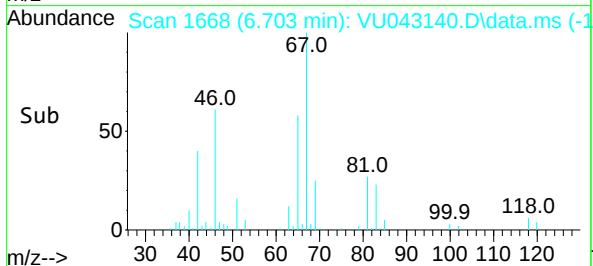
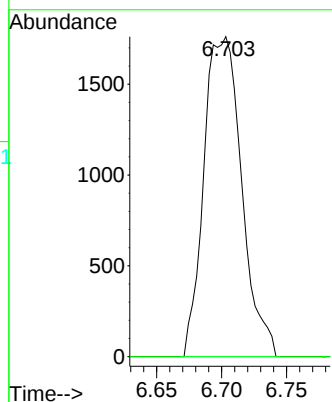
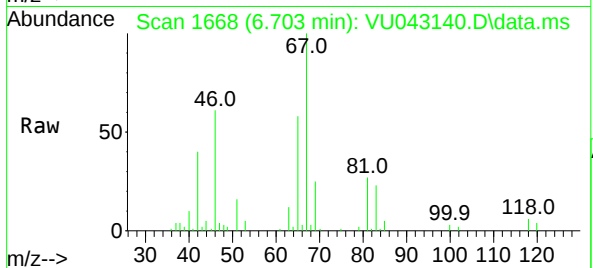


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Instrument :
MSVOA_U
ClientSampleId :

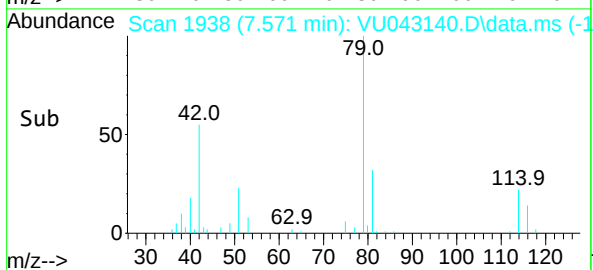
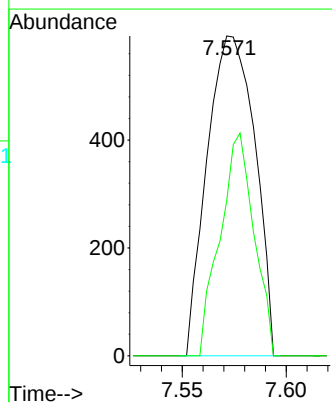
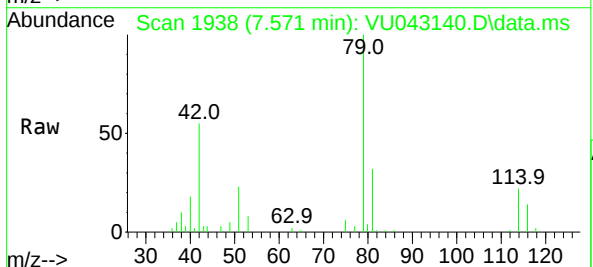
Tgt Ion: 63 Resp: 3563
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

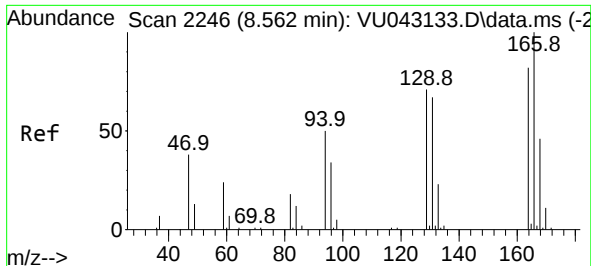


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

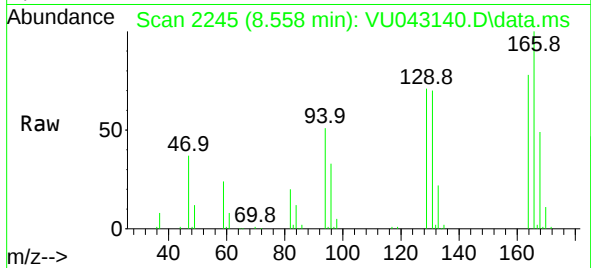
Tgt Ion: 75 Resp: 946
Ion Ratio Lower Upper
75 100
77 48.6 21.8 40.6#



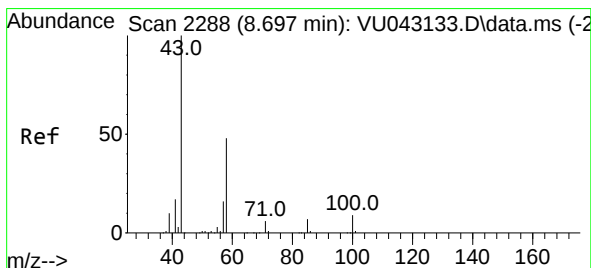
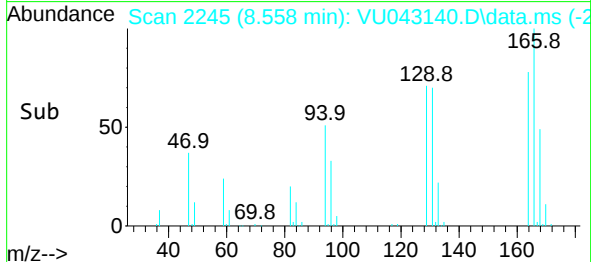
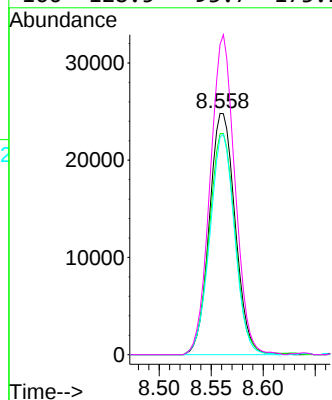


#47
Tetrachloroethene
Concen: 9.72 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

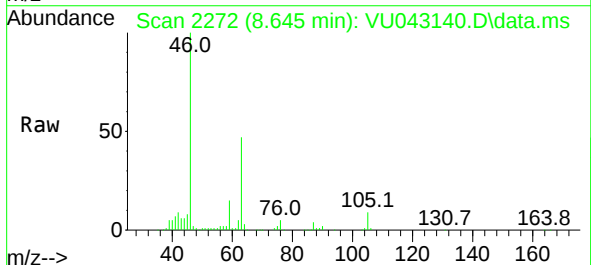
Instrument :
MSVOA_U
ClientSampleId :



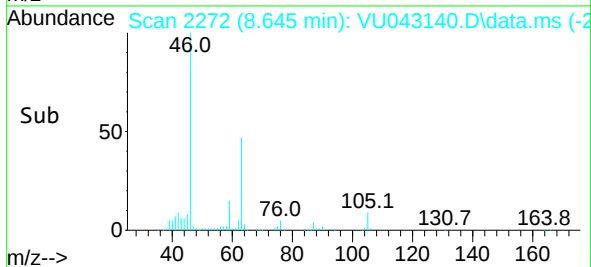
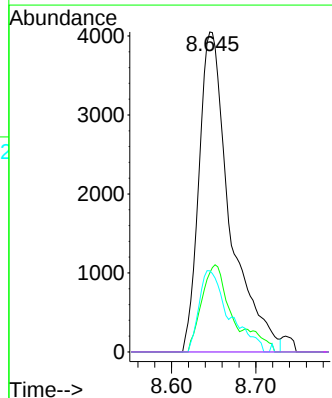
Tgt Ion:164 Resp: 42802
Ion Ratio Lower Upper
164 100
129 91.6 66.6 123.8
131 90.1 65.9 122.3
166 128.5 93.7 173.9

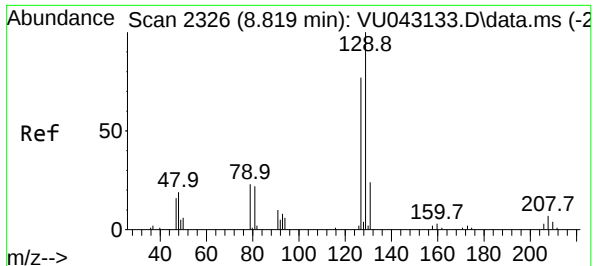


#48
2-Hexanone
Concen: 2.76 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22



Tgt Ion: 43 Resp: 10315
Ion Ratio Lower Upper
43 100
58 22.9 50.0 75.0#
57 24.9 17.4 26.0
100 0.0 11.8 17.8#

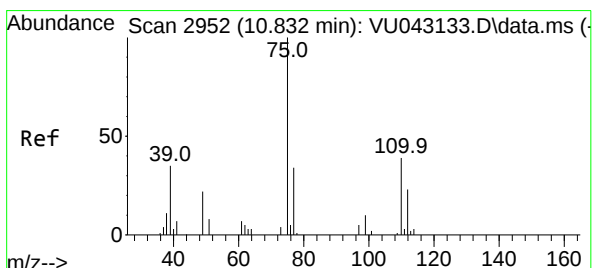
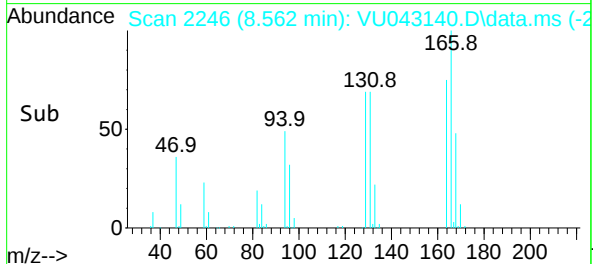
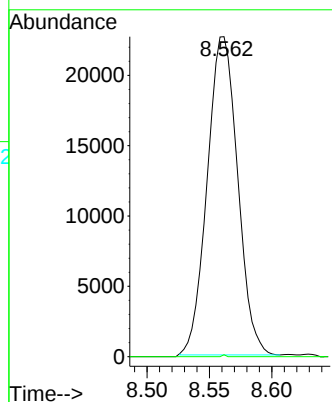
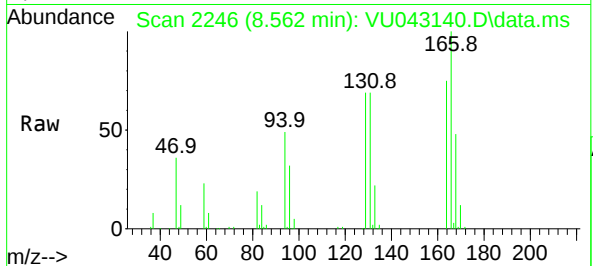




#49
Dibromochloromethane
Concen: 7.19 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 38469
Ion Ratio Lower Upper
129 100
127 0.6 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: VU043140.D
Acq: 15 Apr 2021 23:22

Tgt Ion: 75 Resp: 4651
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 41.1 26.3 39.5#

