

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043225.D
 Acq On : 20 Apr 2021 15:52
 Operator : SY/MD
 Sample : M2057-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:01:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82385	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81341	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40312	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18748	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	16975	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.575	65	10574	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.652	46	98427	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	5.073	84	52657	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.710	65	32789	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.739	84	92434	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	31857	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	80540	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloroprop...	8.186	79	11842	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.645	63	62663	45.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26419	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	34198	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.392	85	954	0.18	ug/L	# 79
3) Chloromethane	1.520	50	507	0.10	ug/L	87
8) Chloroethane	1.896	64	792	0.20	ug/L	# 52
12) 1,1-Dichloroethene	2.585	96	538	0.12	ug/L	# 1
13) Acetone	2.668	43	3525	2.61	ug/L	95
14) Carbon disulfide	2.806	76	1203	0.10	ug/L	# 74
17) Methyl tert-butyl Ether	3.372	73	1093	0.07	ug/L	# 77
22) cis-1,2-Dichloroethene	4.671	96	975	0.17	ug/L	80
25) Chloroform	5.102	83	2697	0.24	ug/L	90
34) Trichloroethene	6.552	95	5744	0.96	ug/L	93
35) Methylcyclohexane	6.700	83	7270	0.88	ug/L	# 23
37) 1,2-Dichloropropane	6.703	63	3788	0.62	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	984	0.11	ug/L	# 75
47) Tetrachloroethene	8.559	164	17839	3.76	ug/L	96
48) 2-Hexanone	8.697	43	3911	0.97	ug/L	# 65
49) Dibromochloromethane	8.559	129	17228	2.98	ug/L	# 9
61) 1,2,3-Trichloropropane	11.816	75	5573	1.34	ug/L	# 62

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

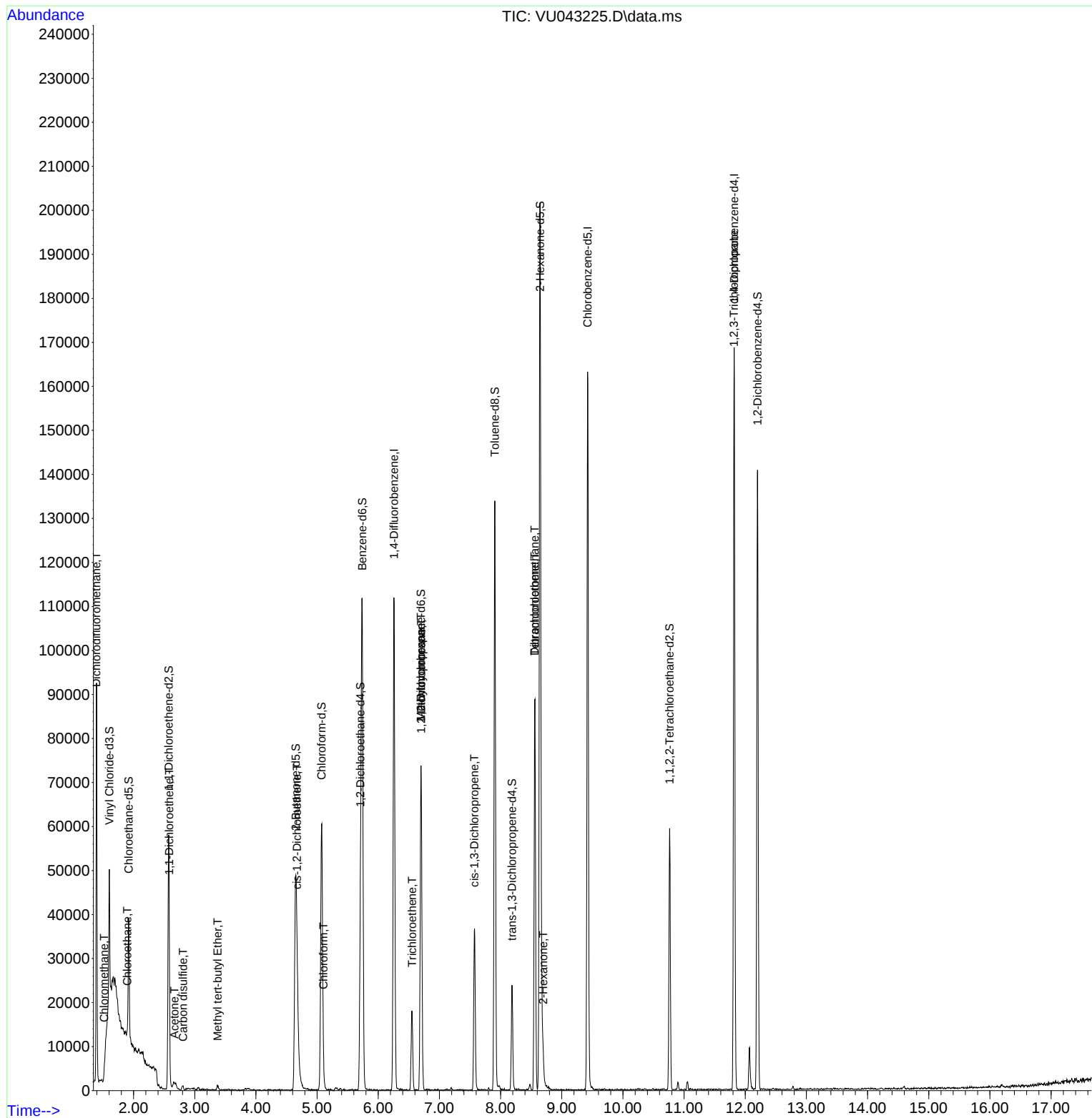
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

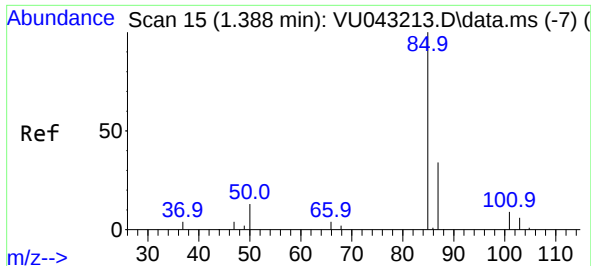
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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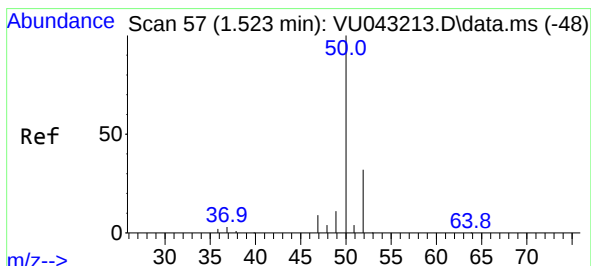
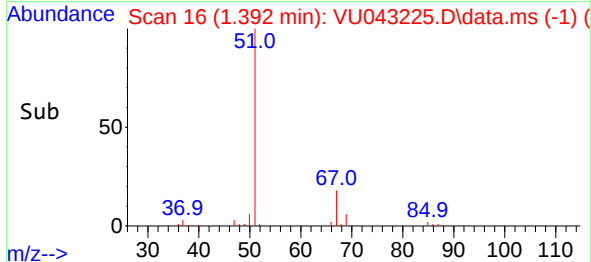
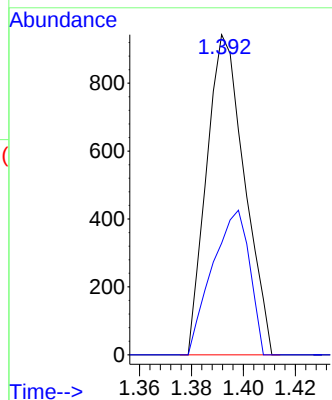
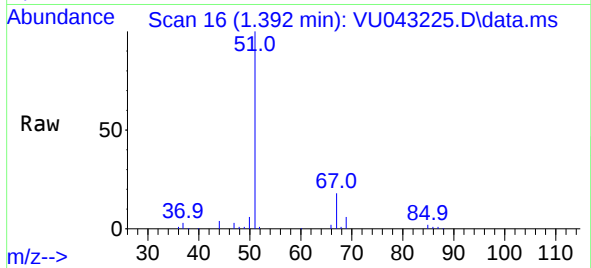




#2
Dichlorodifluoromethane
Concen: 0.18 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

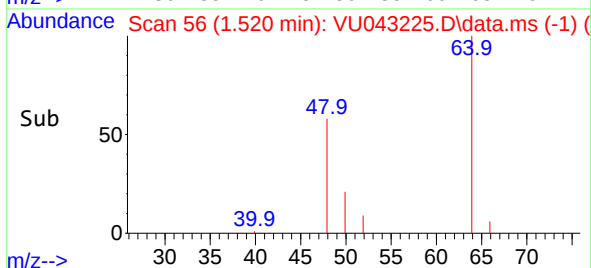
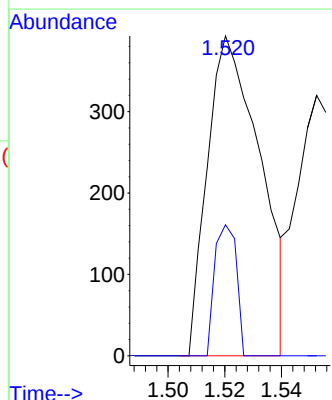
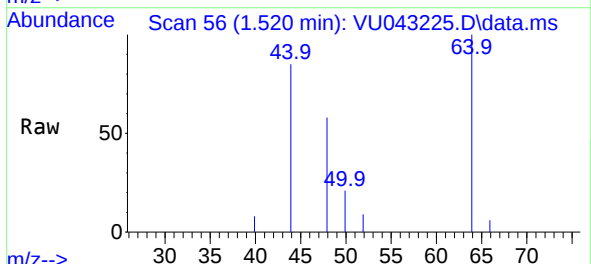
Instrument :
MSVOA_U
ClientSampled :

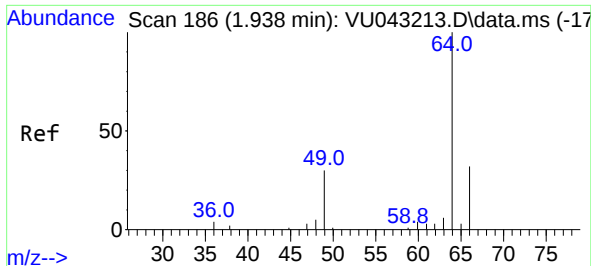
Tgt Ion: 85 Resp: 954
Ion Ratio Lower Upper
85 100
87 44.5 26.3 39.5#



#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 41.0 23.6 43.8

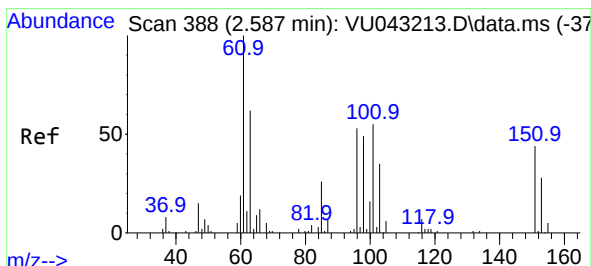
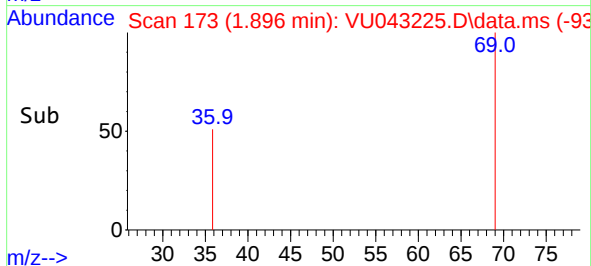
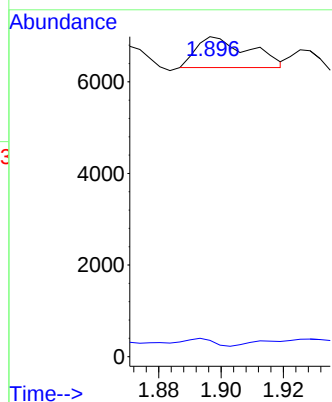
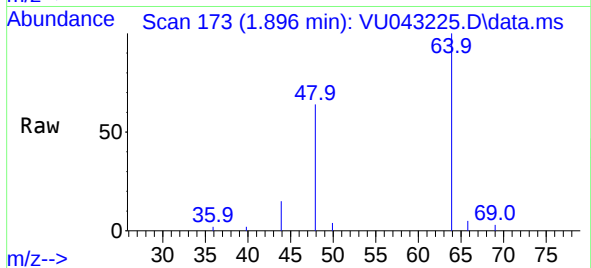




#8
Chloroethane
Concen: 0.20 ug/L
RT: 1.896 min Scan# 173
Delta R.T. -0.042 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

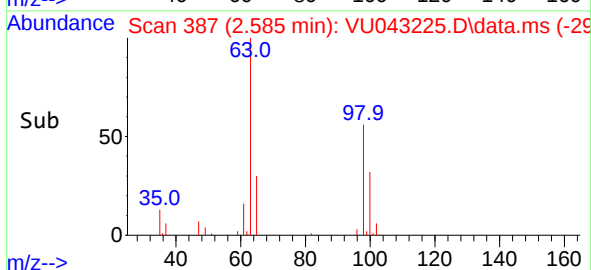
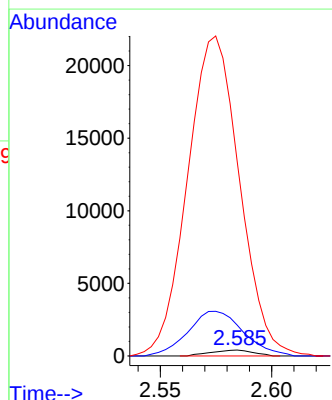
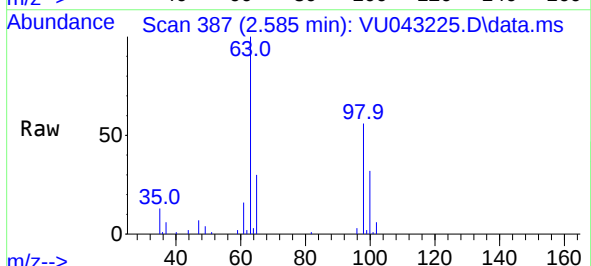
Instrument :
MSVOA_U
ClientSampled :

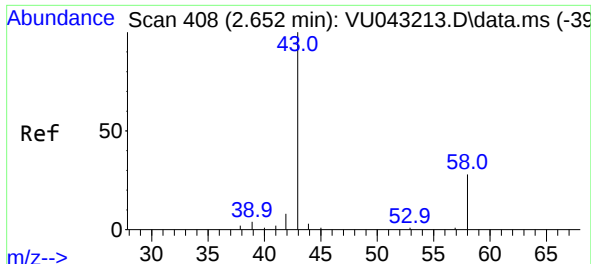
Tgt Ion: 64 Resp: 792
Ion Ratio Lower Upper
64 100
66 5.1 22.4 41.6#



#12
1,1-Dichloroethene
Concen: 0.12 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion: 96 Resp: 538
Ion Ratio Lower Upper
96 100
61 520.6 115.1 213.7#
63 3288.5 84.1 156.1#

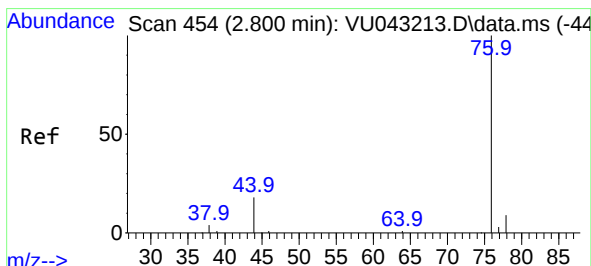
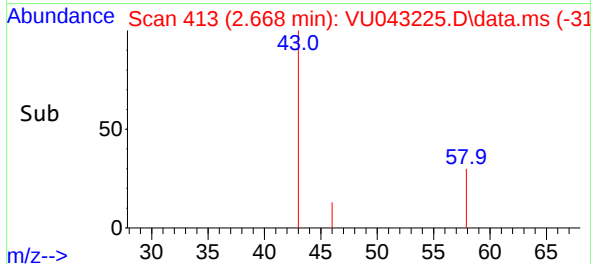
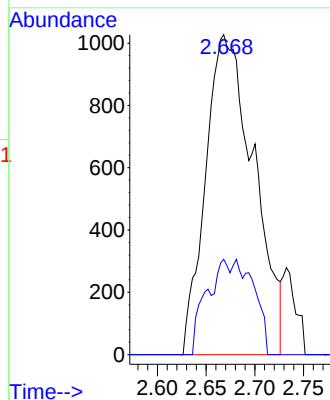
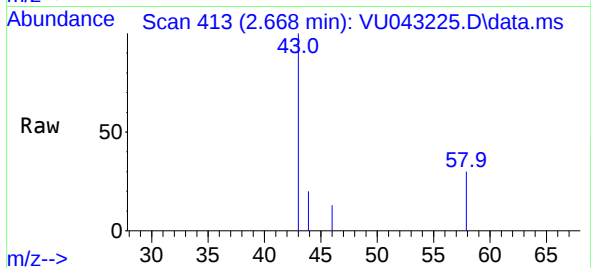




#13
Acetone
Concen: 2.61 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.016 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

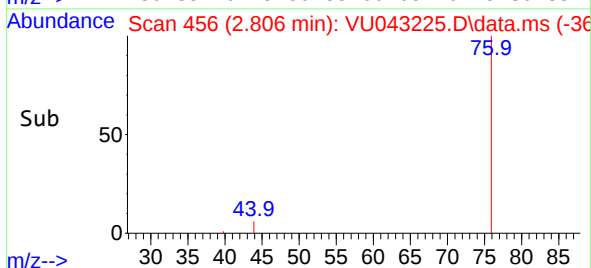
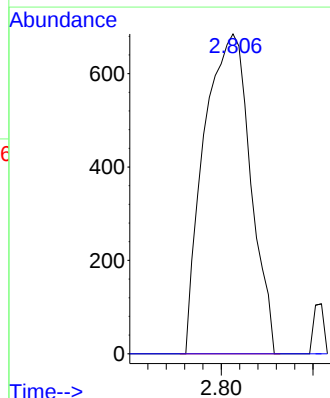
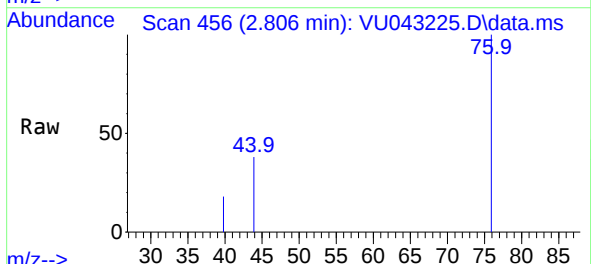
Instrument :
MSVOA_U
ClientSampleId :

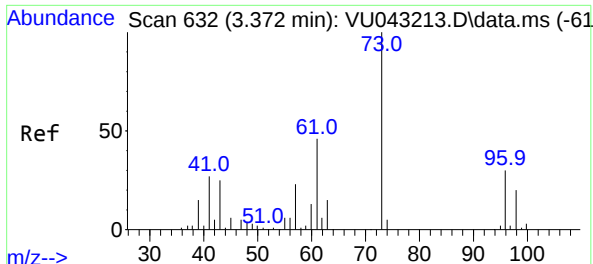
Tgt Ion: 43 Resp: 3525
Ion Ratio Lower Upper
43 100
58 14.6 0.0 25.0



#14
Carbon disulfide
Concen: 0.10 ug/L
RT: 2.806 min Scan# 456
Delta R.T. 0.007 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion: 76 Resp: 1203
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



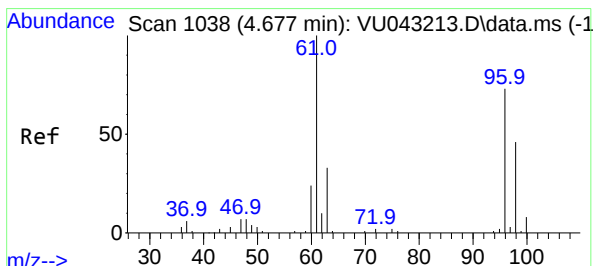
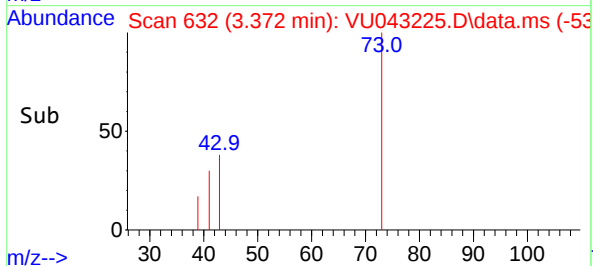
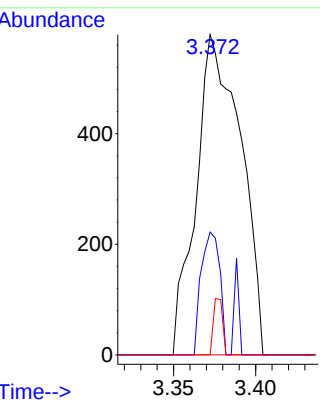
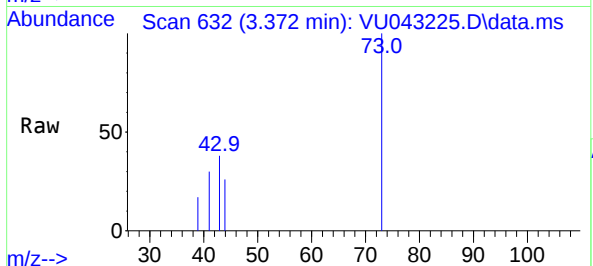


#17
Methyl tert-butyl Ether
Concen: 0.07 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 73 Resp: 1093

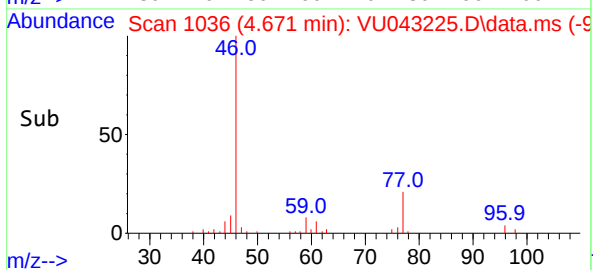
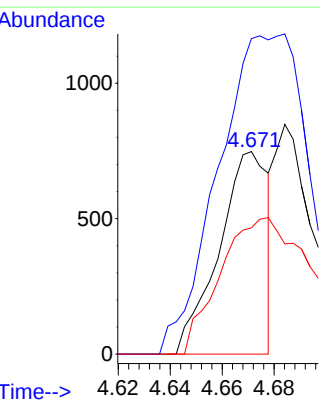
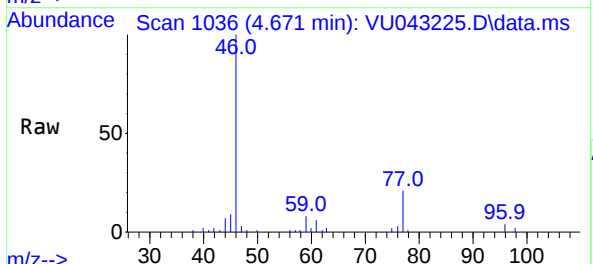
Ion	Ratio	Lower	Upper
73	100		
43	16.0	15.0	22.4
57	3.6	17.3	25.9#

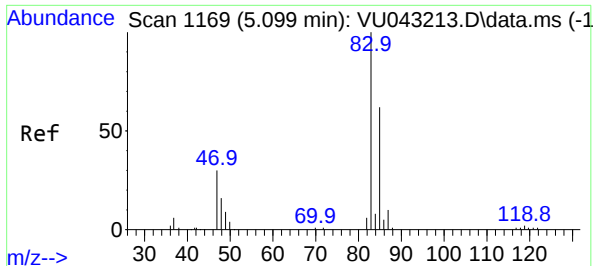


#22
cis-1,2-Dichloroethene
Concen: 0.17 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion: 96 Resp: 975

Ion	Ratio	Lower	Upper
96	100		
61	155.7	87.4	162.4
98	62.3	47.7	88.5



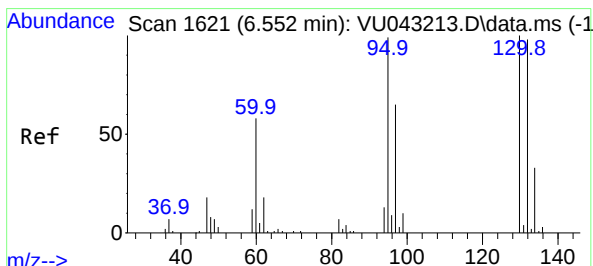
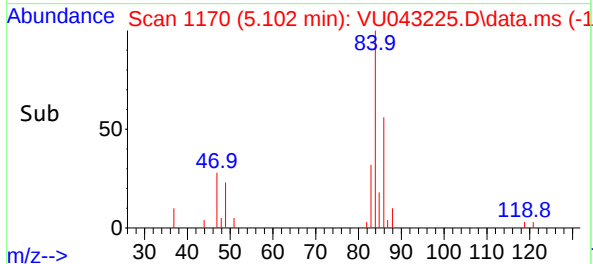
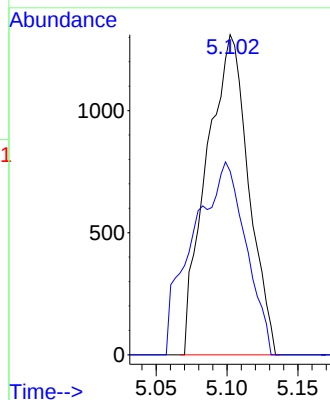
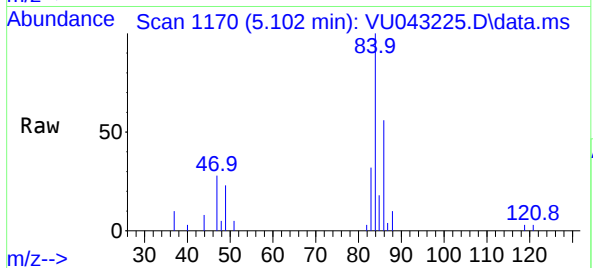


#25

Chloroform
Concen: 0.24 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Instrument :
MSVOA_U
ClientSampleId :

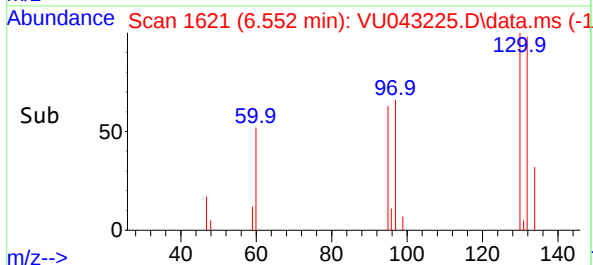
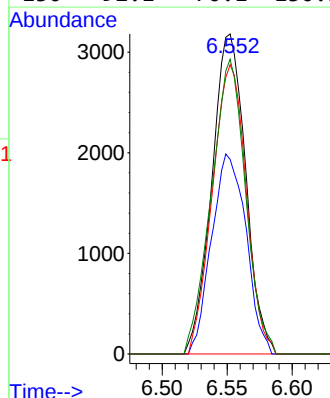
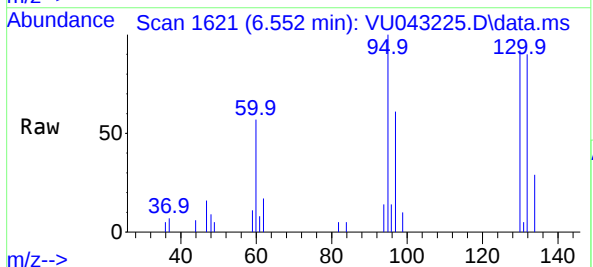
Tgt Ion: 83 Resp: 2697
Ion Ratio Lower Upper
83 100
85 57.4 45.6 84.8

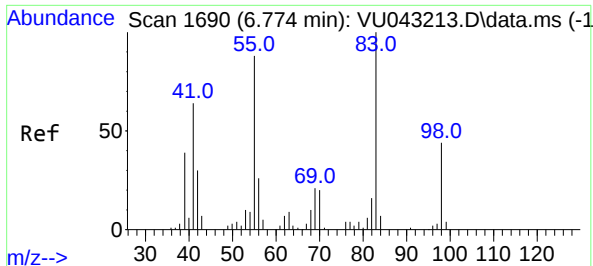


#34

Trichloroethene
Concen: 0.96 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion: 95 Resp: 5744
Ion Ratio Lower Upper
95 100
97 60.8 45.8 85.2
132 90.4 68.7 127.7
130 92.1 70.1 130.3





#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.700 min Scan# 1667

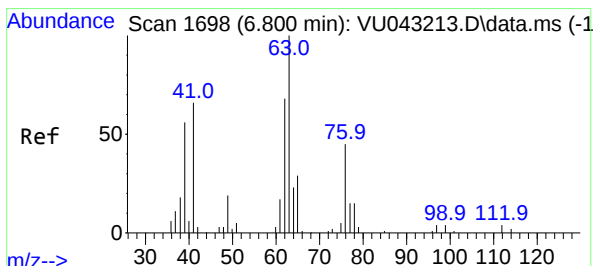
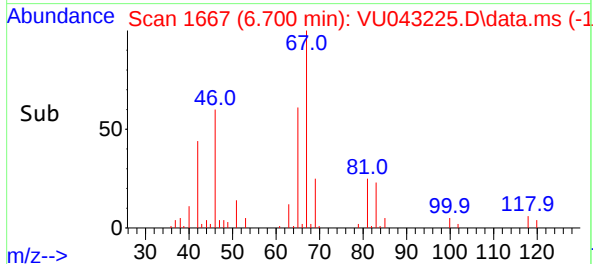
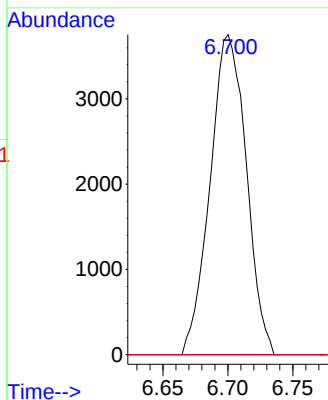
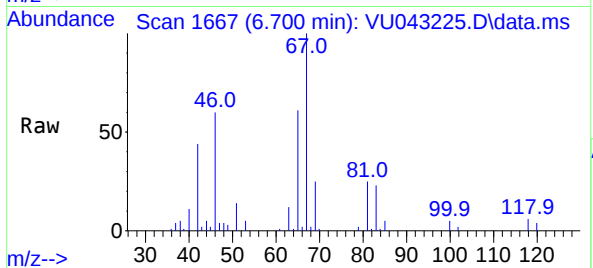
Delta R.T. -0.074 min

Lab File: VU043225.D

Acq: 20 Apr 2021 15:52

Tgt Ion:	83	Resp:	7270
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	6.7	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.62 ug/L

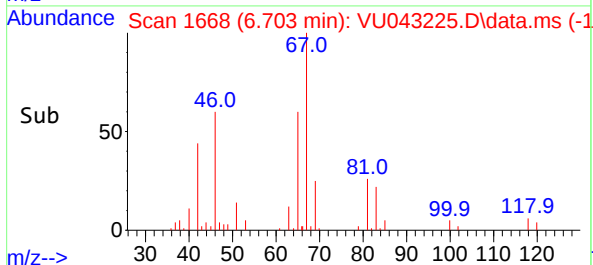
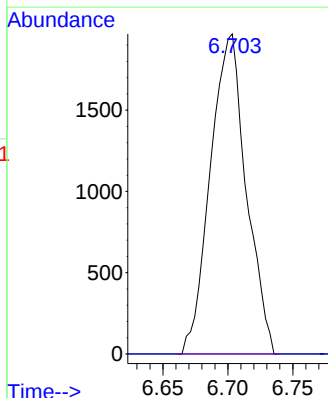
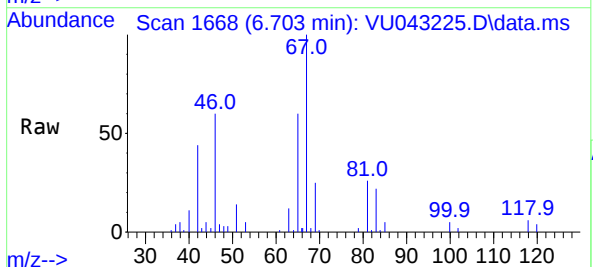
RT: 6.703 min Scan# 1668

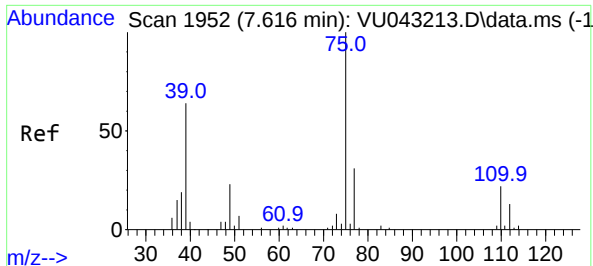
Delta R.T. -0.096 min

Lab File: VU043225.D

Acq: 20 Apr 2021 15:52

Tgt Ion:	63	Resp:	3788
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

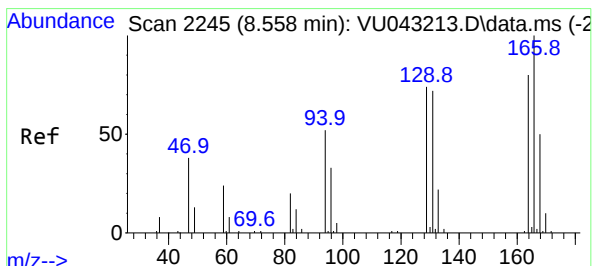
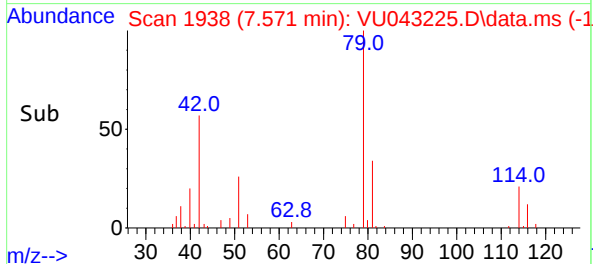
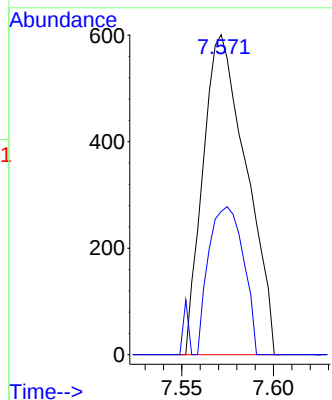
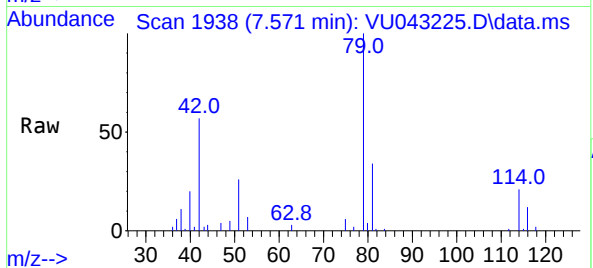




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

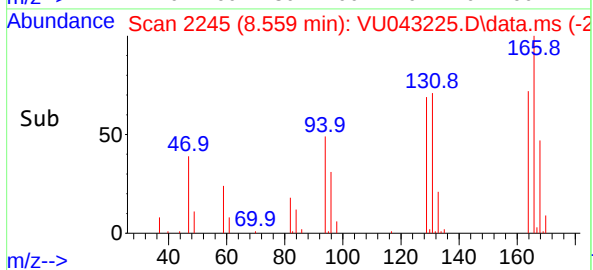
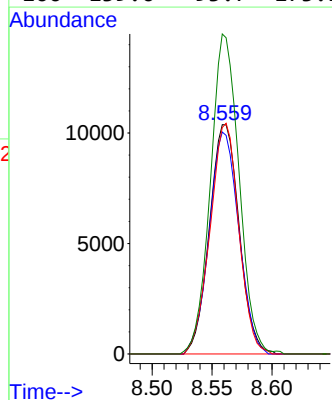
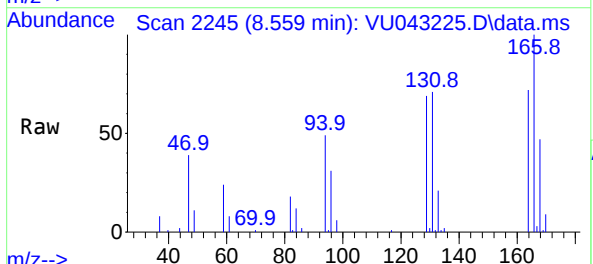
Instrument :
MSVOA_U
ClientSampleId :

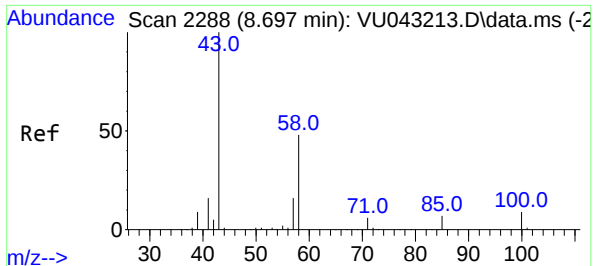
Tgt Ion: 75 Resp: 984
Ion Ratio Lower Upper
75 100
77 44.8 21.8 40.6#



#47
Tetrachloroethene
Concen: 3.76 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

Tgt Ion:164 Resp: 17839
Ion Ratio Lower Upper
164 100
129 96.8 66.6 123.8
131 98.8 65.9 122.3
166 139.6 93.7 173.9

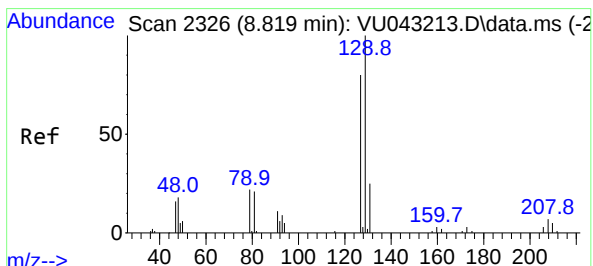
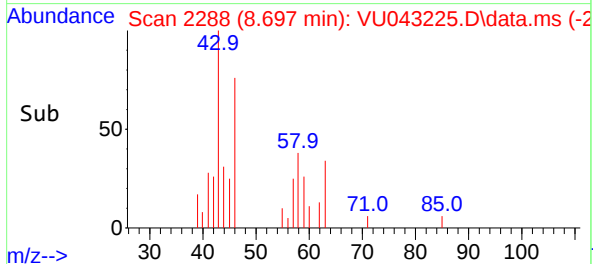
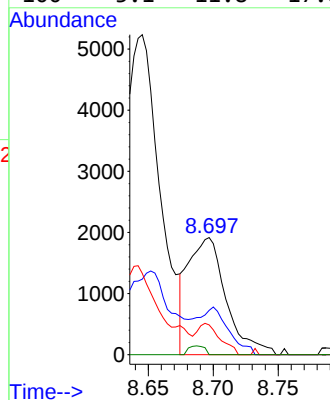
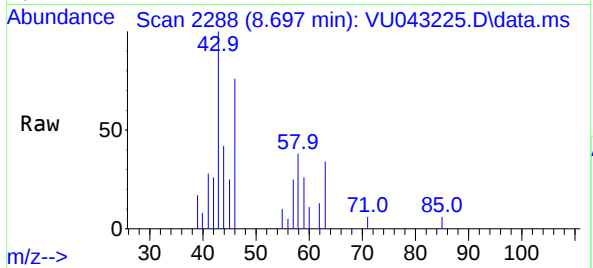




#48
2-Hexanone
Concen: 0.97 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

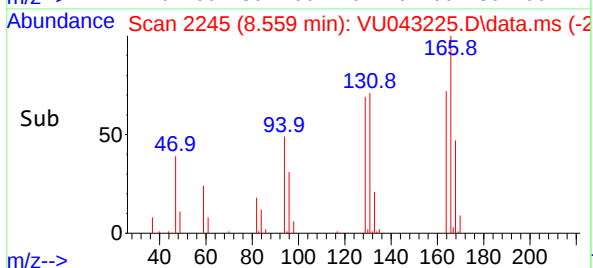
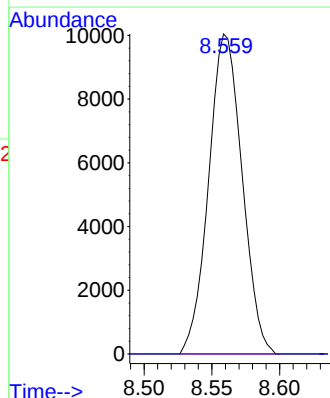
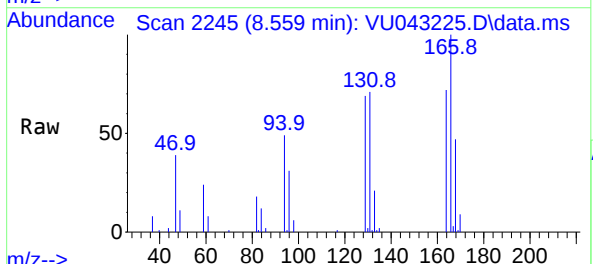
Instrument :
MSVOA_U
ClientSampled :

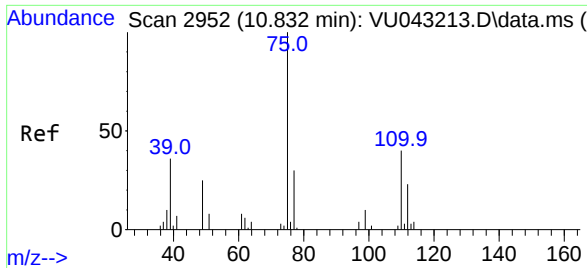
Tgt Ion: 43	Resp: 3911
Ion Ratio	Lower Upper
43 100	
58 28.4	50.0 75.0#
57 16.0	17.4 26.0#
100 3.1	11.8 17.8#



#49
Dibromochloromethane
Concen: 2.98 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043225.D
Acq: 20 Apr 2021 15:52

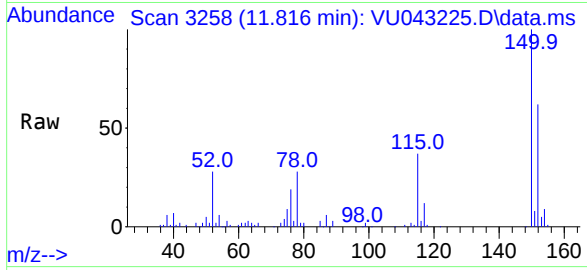
Tgt Ion:129	Resp:	17228	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.34 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043225.D
 Acq: 20 Apr 2021 15:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5573
 Ion Ratio Lower Upper
 75 100
 110 0.4 31.5 47.3#
 77 37.5 26.3 39.5

