

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043226.D
 Acq On : 20 Apr 2021 16:16
 Operator : SY/MD
 Sample : M2057-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:01:50 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	6.256	114	82301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	83065	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39785	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17586	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.919	69	17573	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.572	65	11653	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.649	46	98910	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.073	84	51039	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.713	65	32607	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.739	84	91196	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	31169	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	81025	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.185	79	12113	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	64231	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25999	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	34239	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1010	0.19	ug/L	96
3) Chloromethane	1.523	50	639	0.12	ug/L #	81
8) Chloroethane	2.012	64	700	0.18	ug/L #	43
12) 1,1-Dichloroethene	2.588	96	433	0.09	ug/L #	1
13) Acetone	2.665	43	1820	1.35	ug/L	94
14) Carbon disulfide	2.800	76	1318	0.11	ug/L #	74
17) Methyl tert-butyl Ether	3.375	73	1040	0.07	ug/L #	70
22) cis-1,2-Dichloroethene	4.678	96	1956	0.34	ug/L	89
25) Chloroform	5.099	83	2636	0.23	ug/L	80
34) Trichloroethene	6.552	95	5834	0.95	ug/L	89
35) Methylcyclohexane	6.700	83	7308	0.86	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3873	0.62	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	906	0.10	ug/L #	74
47) Tetrachloroethene	8.562	164	17358	3.58	ug/L	93
48) 2-Hexanone	8.690	43	3796	0.92	ug/L #	79
49) Dibromochloromethane	8.562	129	15591	2.64	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4979	1.21	ug/L #	59

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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

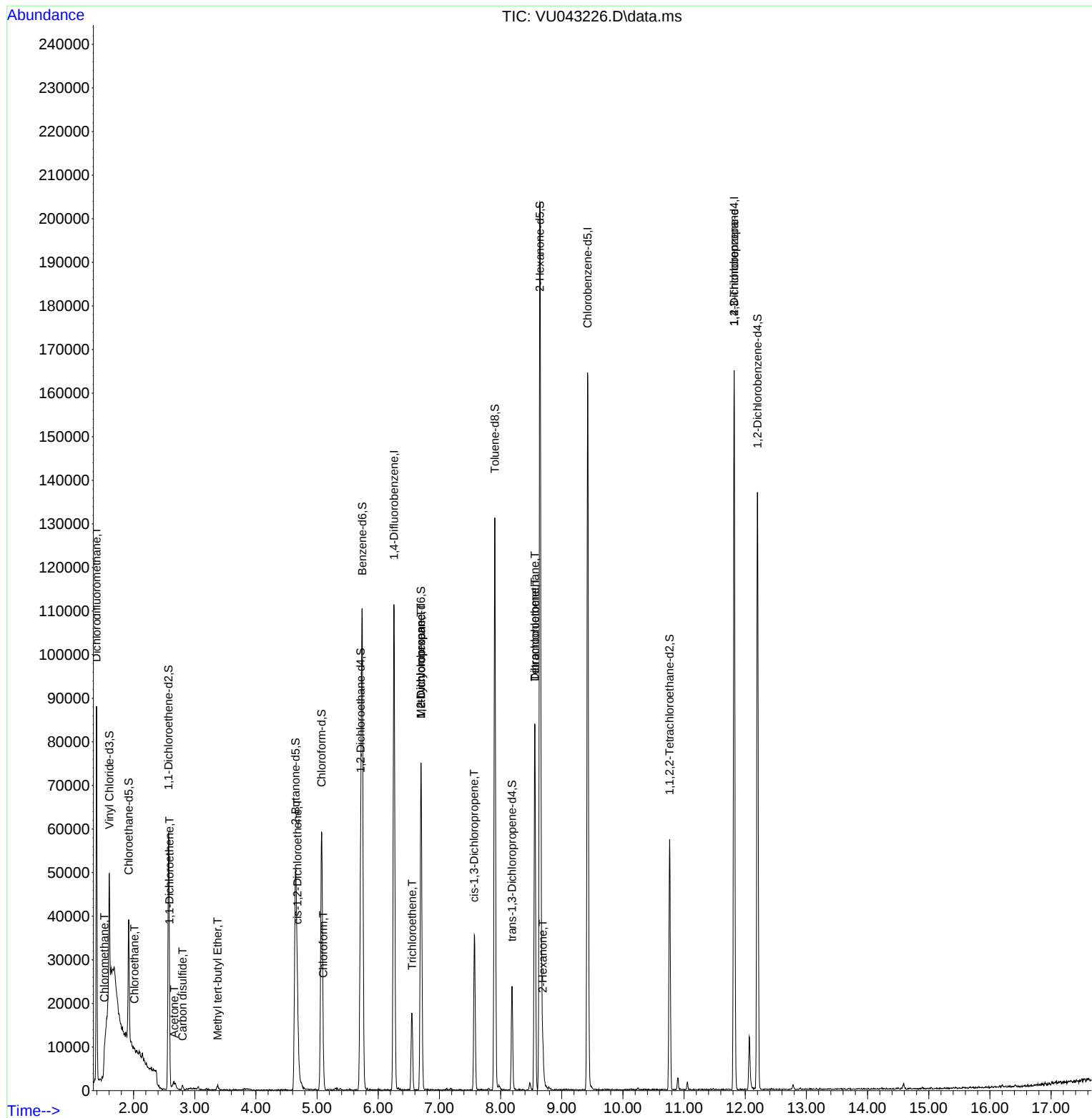
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

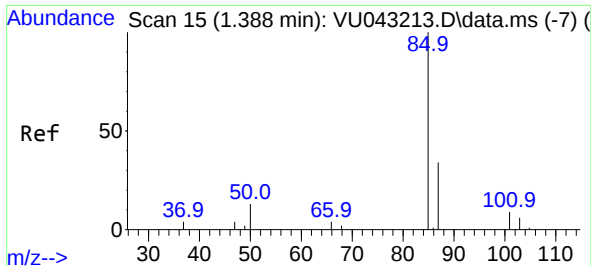
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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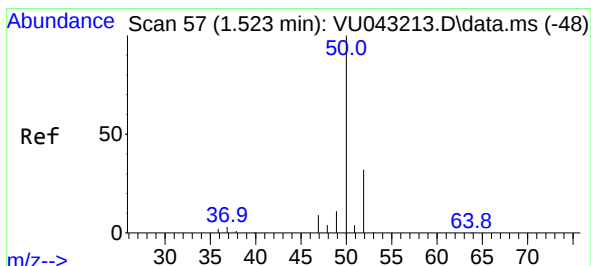
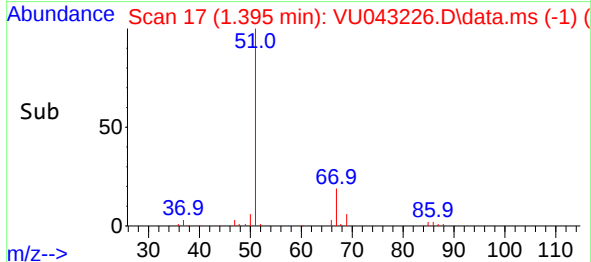
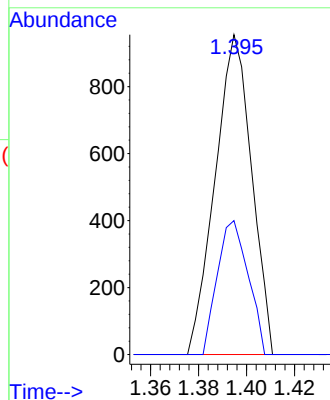
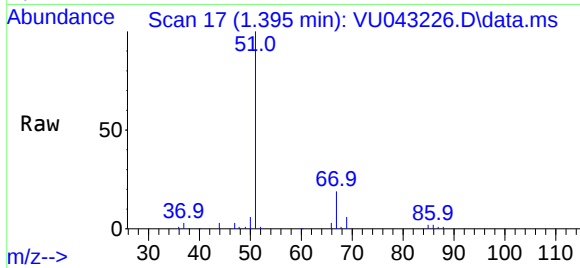




#2
Dichlorodifluoromethane
Concen: 0.19 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

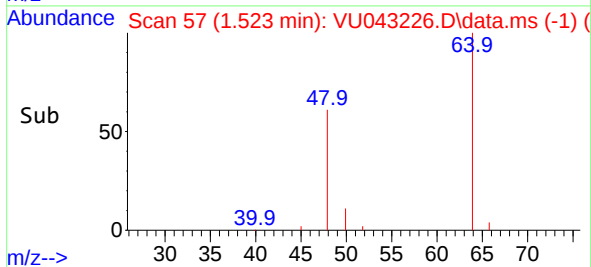
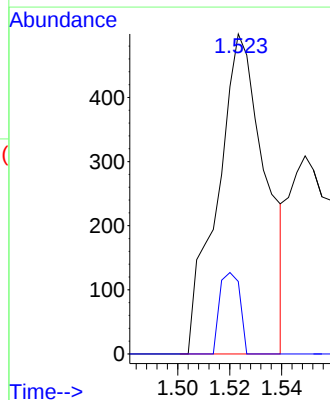
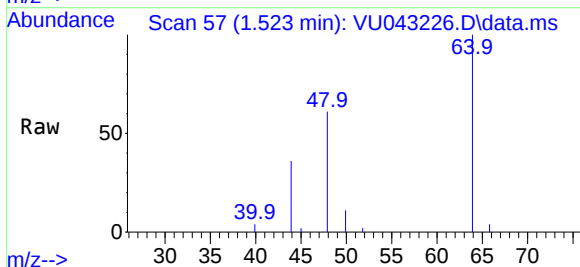
Instrument :
MSVOA_U
ClientSampled :

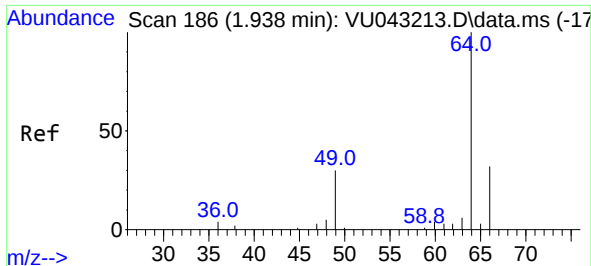
Tgt Ion: 85 Resp: 1010
Ion Ratio Lower Upper
85 100
87 35.2 26.3 39.5



#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 22.6 23.6 43.8#

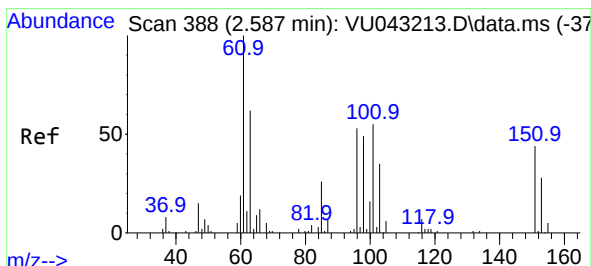
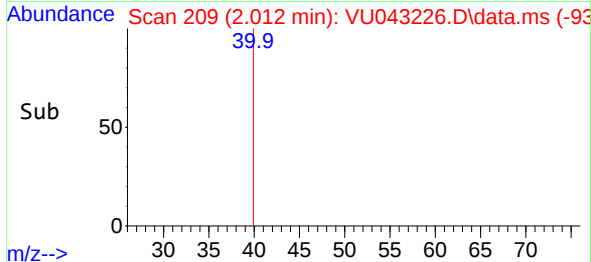
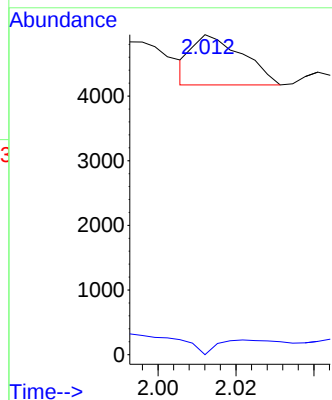
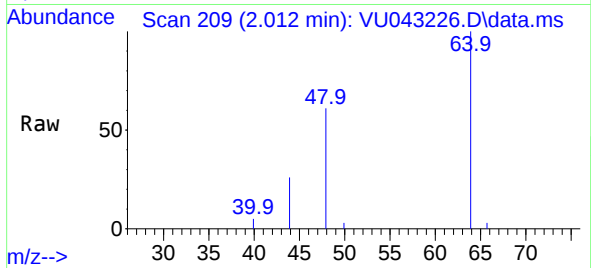




#8
Chloroethane
Concen: 0.18 ug/L
RT: 2.012 min Scan# 209
Delta R.T. 0.074 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

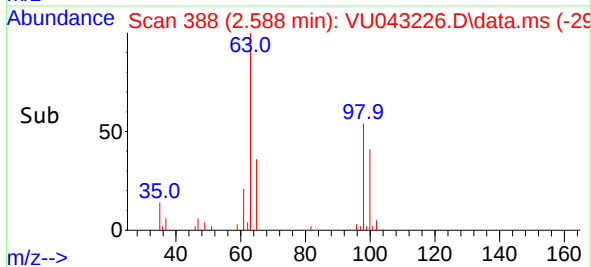
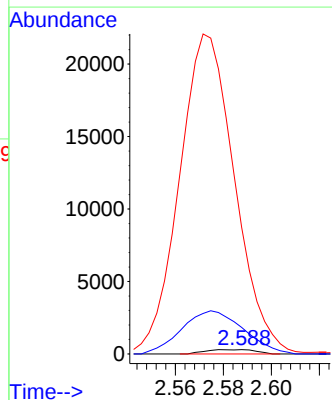
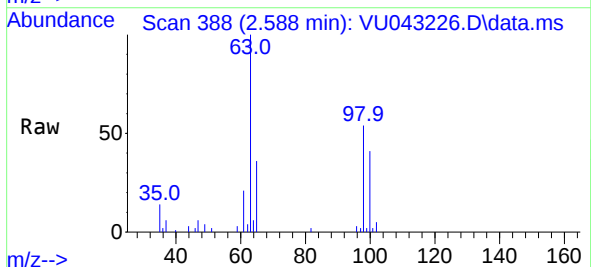
Instrument :
MSVOA_U
ClientSampled :

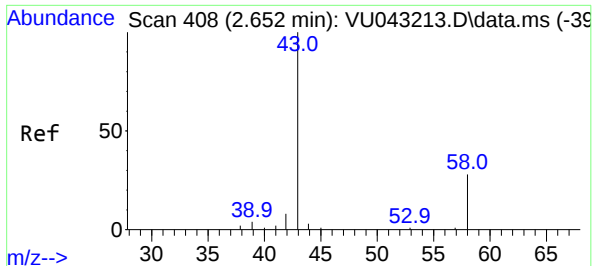
Tgt Ion: 64 Resp: 700
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 610.6 115.1 213.7#
63 2905.3 84.1 156.1#

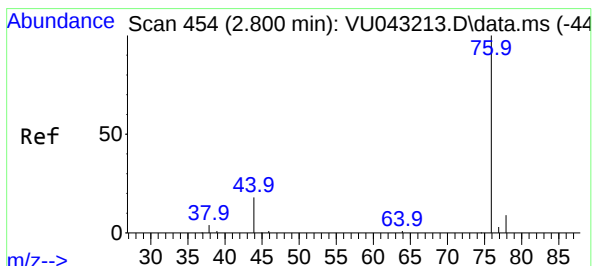
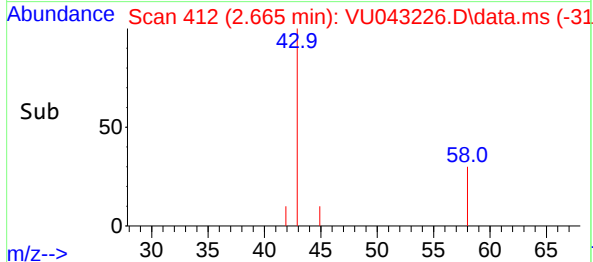
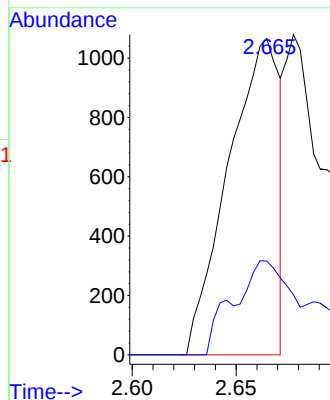
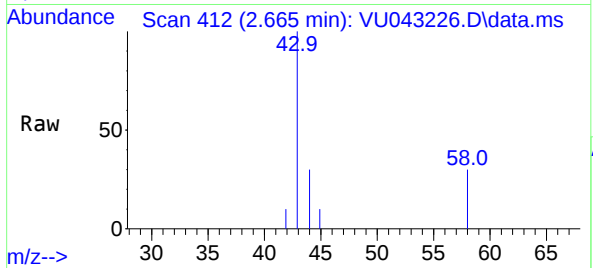




#13
Acetone
Concen: 1.35 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

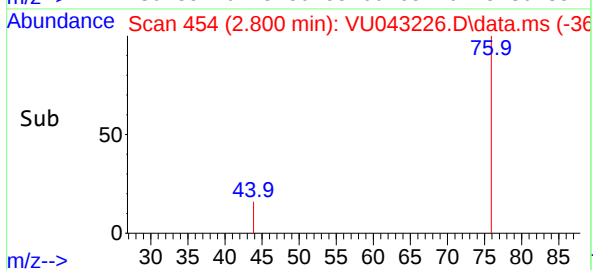
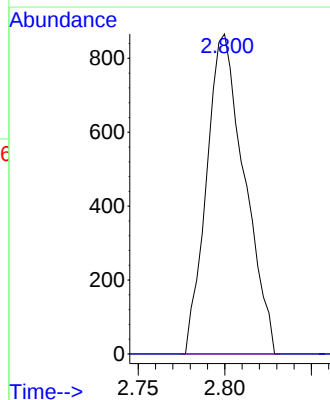
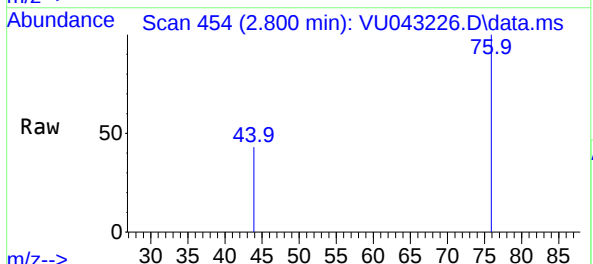
Instrument :
MSVOA_U
ClientSampled :

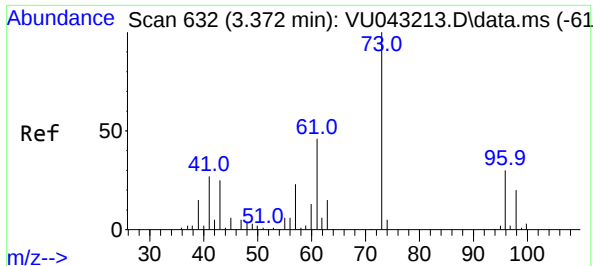
Tgt Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
58 15.0 0.0 25.0



#14
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 76 Resp: 1318
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



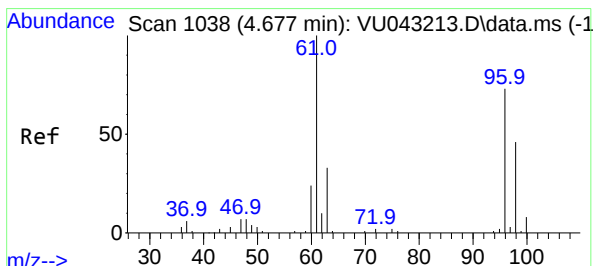
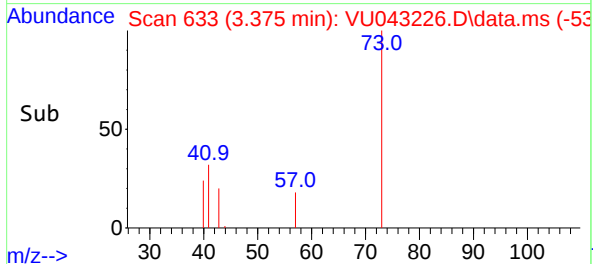
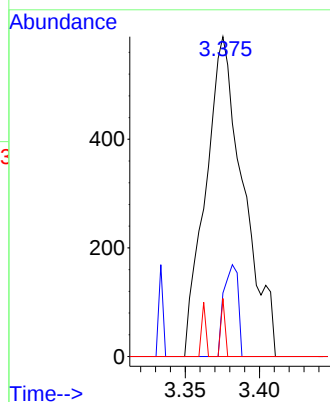
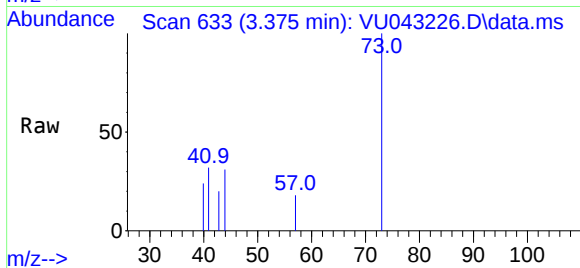


#17
Methyl tert-butyl Ether
Concen: 0.07 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 73 Resp: 1040

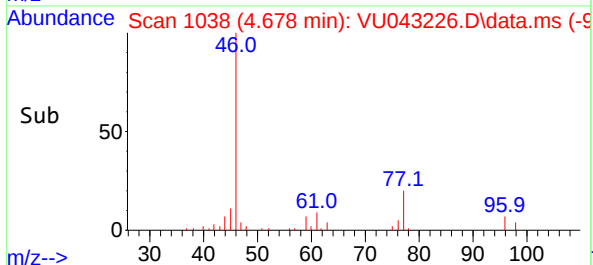
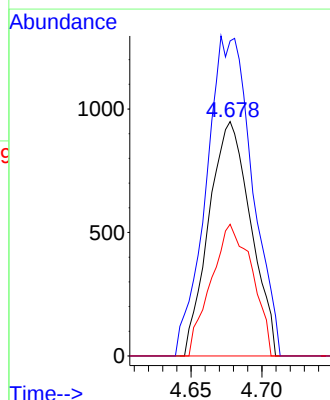
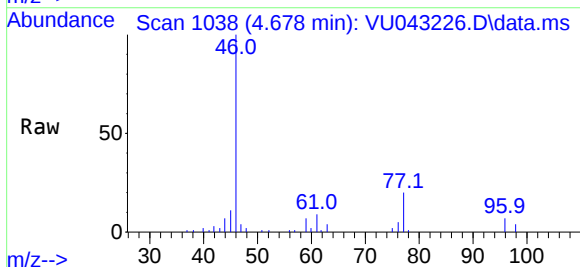
Ion	Ratio	Lower	Upper
73	100		
43	10.9	15.0	22.4#
57	2.0	17.3	25.9#

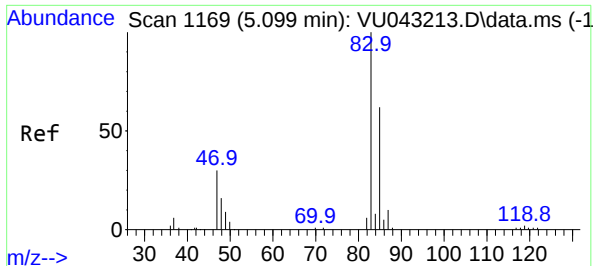


#22
cis-1,2-Dichloroethene
Concen: 0.34 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 96 Resp: 1956

Ion	Ratio	Lower	Upper
96	100		
61	134.5	87.4	162.4
98	56.2	47.7	88.5



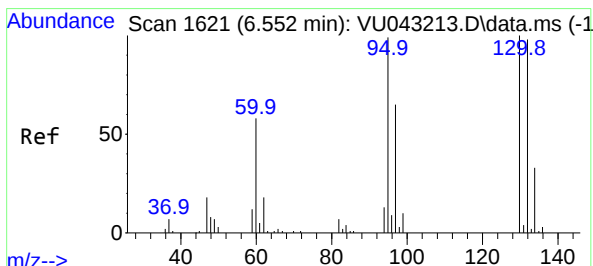
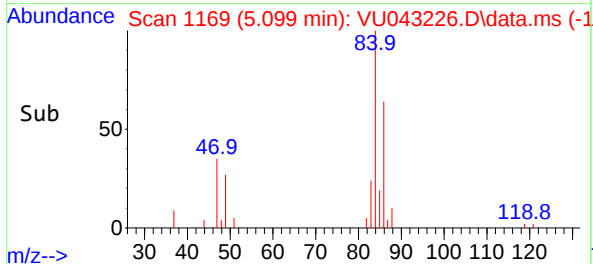
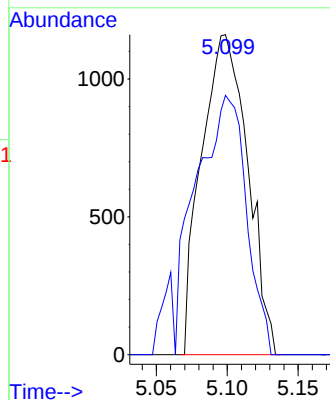
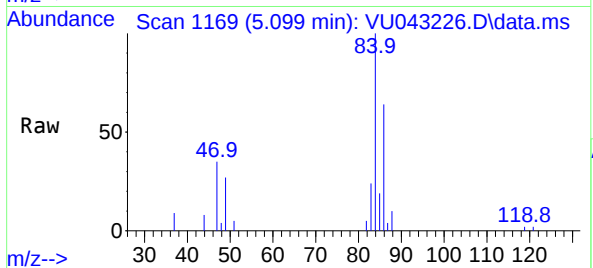


#25

Chloroform
Concen: 0.23 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Instrument :
MSVOA_U
ClientSampled :

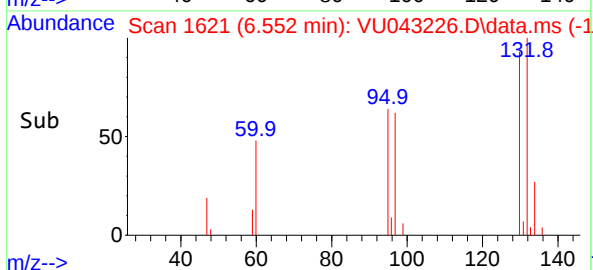
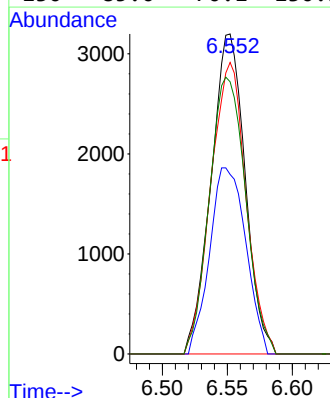
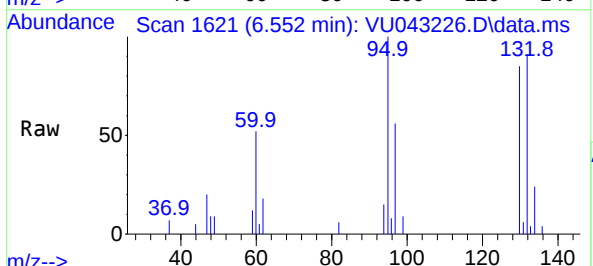
Tgt Ion: 83 Resp: 2636
Ion Ratio Lower Upper
83 100
85 81.1 45.6 84.8

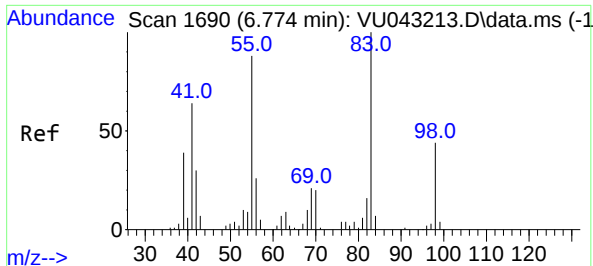


#34

Trichloroethene
Concen: 0.95 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 95 Resp: 5834
Ion Ratio Lower Upper
95 100
97 56.1 45.8 85.2
132 91.1 68.7 127.7
130 85.0 70.1 130.3





#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.700 min Scan# 1667

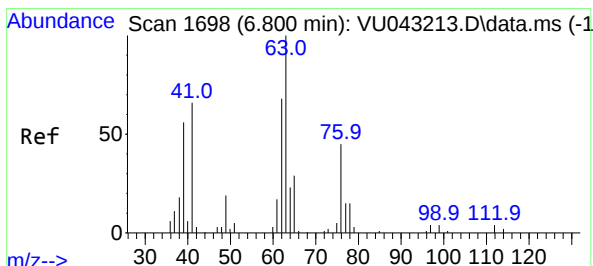
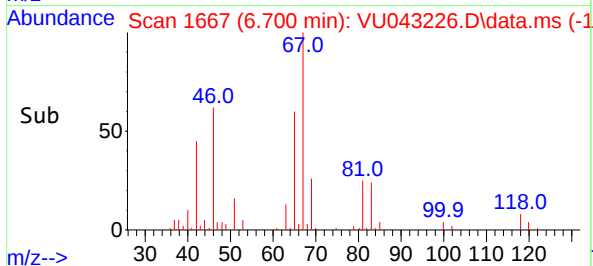
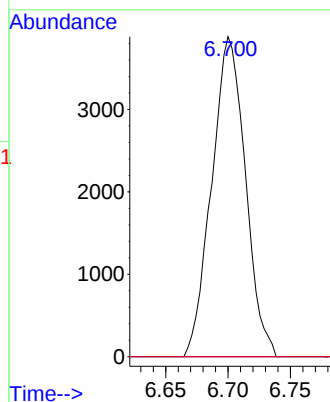
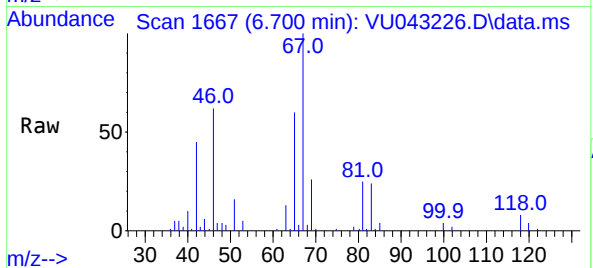
Delta R.T. -0.074 min

Lab File: VU043226.D

Acq: 20 Apr 2021 16:16

Tgt Ion:	83	Resp:	7308
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.62 ug/L

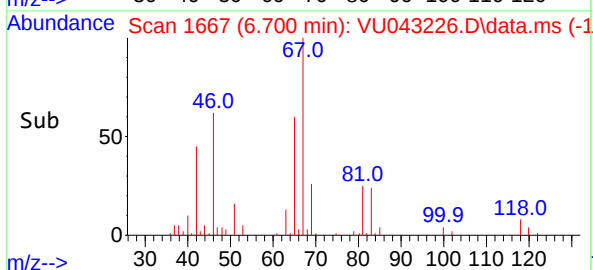
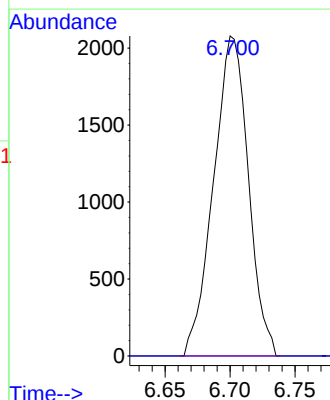
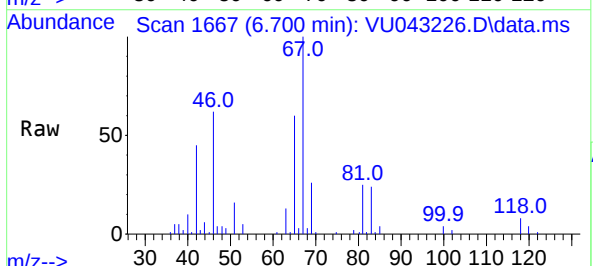
RT: 6.700 min Scan# 1667

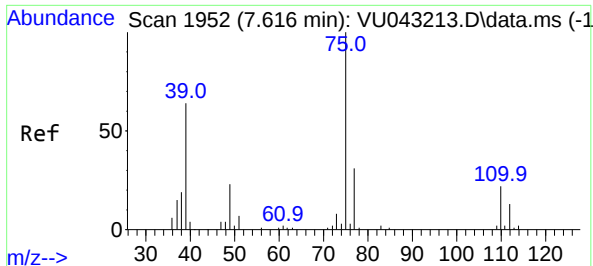
Delta R.T. -0.100 min

Lab File: VU043226.D

Acq: 20 Apr 2021 16:16

Tgt Ion:	63	Resp:	3873
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



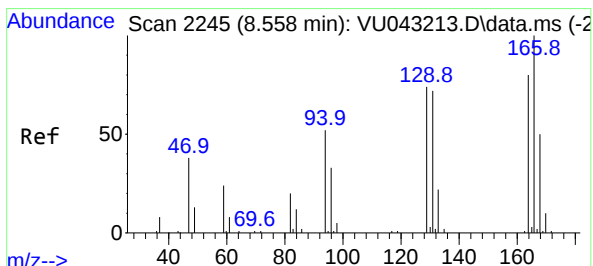
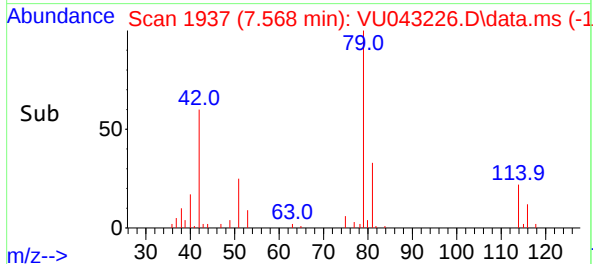
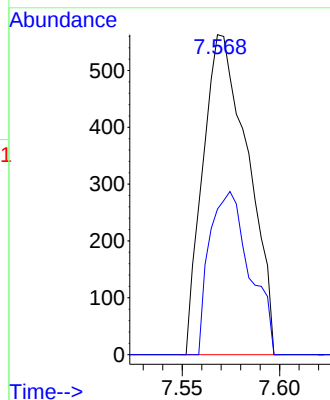
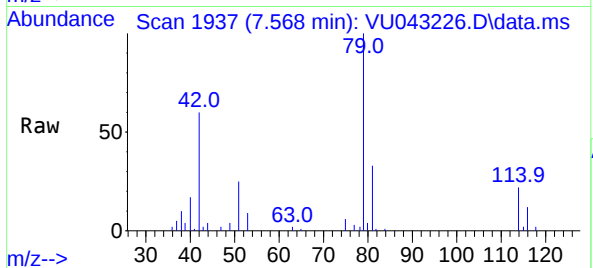


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Instrument :
MSVOA_U
ClientSampled :

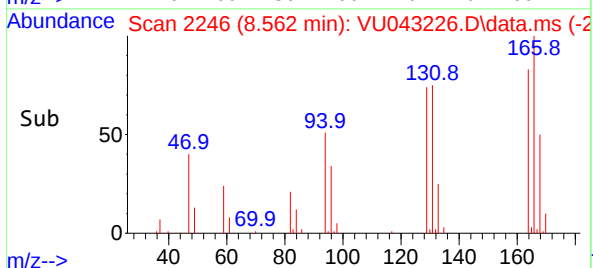
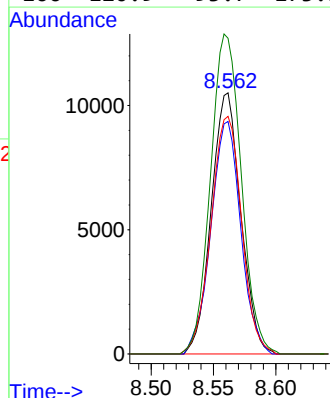
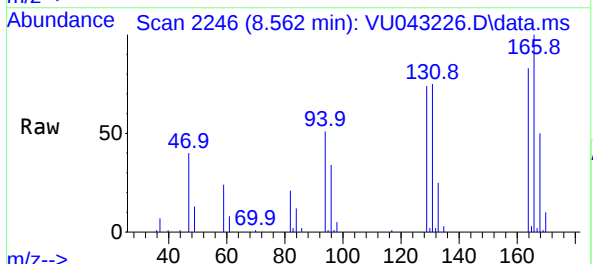
Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
77 45.5 21.8 40.6#

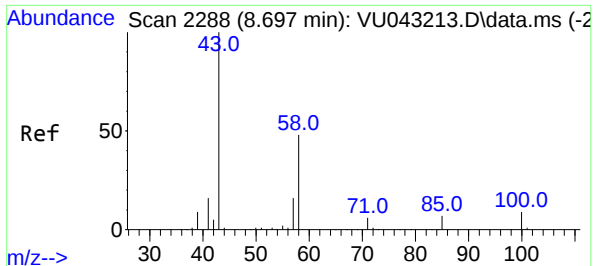


#47

Tetrachloroethene
Concen: 3.58 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 164 Resp: 17358
Ion Ratio Lower Upper
164 100
129 89.1 66.6 123.8
131 91.0 65.9 122.3
166 120.9 93.7 173.9



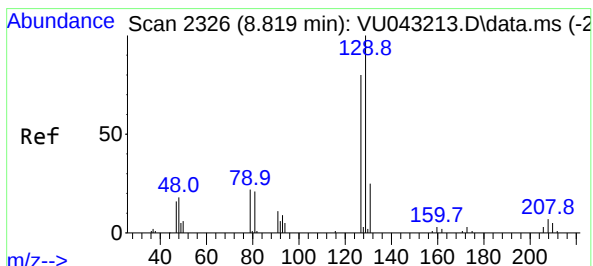
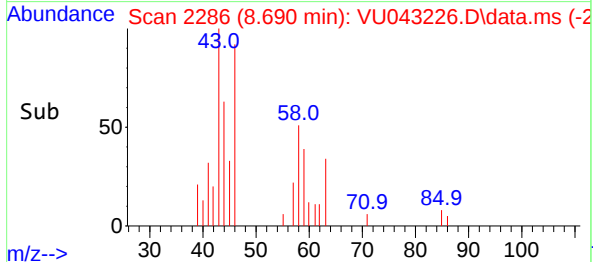
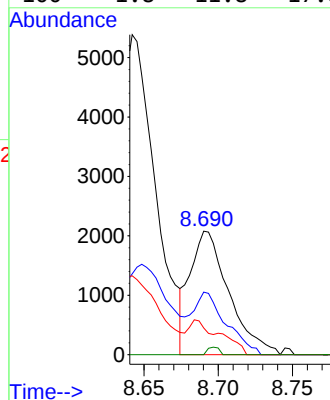
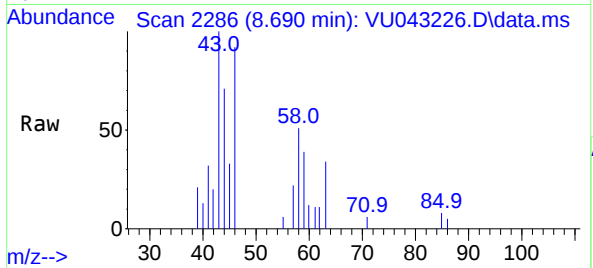


#48
2-Hexanone
Concen: 0.92 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 3796

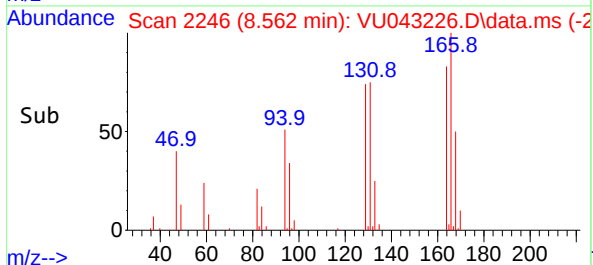
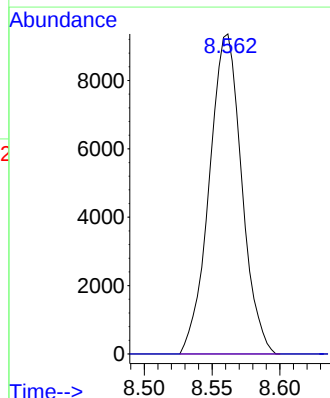
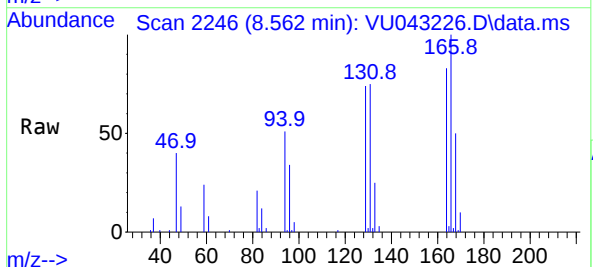
Ion	Ratio	Lower	Upper
43	100		
58	43.4	50.0	75.0#
57	22.2	17.4	26.0
100	1.8	11.8	17.8#

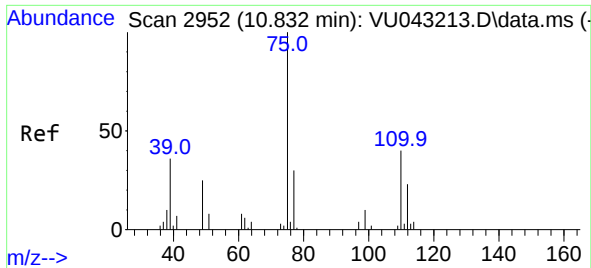


#49
Dibromochloromethane
Concen: 2.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Tgt Ion: 129 Resp: 15591

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
1,2,3-Trichloropropane
Concen: 1.21 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043226.D
Acq: 20 Apr 2021 16:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4979
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 40.0 26.3 39.5#

