

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041740.D
 Acq On : 22 Dec 2020 14:38
 Operator : SY/MD
 Sample : L5148-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T6DL

Quant Time: Dec 23 04:08:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58300	5.00	ug/L	0.00

System Monitoring Compounds

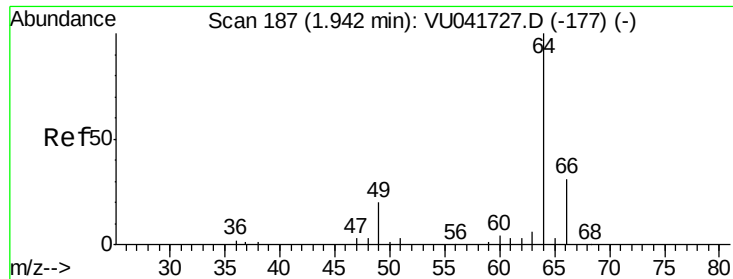
4) Vinyl Chloride-d3	1.60	65	51025	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	52694	6.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.40%
11) 1,1-Dichloroethene-d2	2.58	63	79092	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.66	46	173205	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.08	84	100877	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.72	65	58367	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.74	84	199016	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.70	67	63170	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.90	98	165718	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.19	79	25934	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.64	63	157878	56.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58556	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	61711	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	723	0.087	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	790	0.085	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	987	0.108	ug/L #	1
16) Methylene chloride	3.06	84	2037	0.187	ug/L	85
27) 1,2-Dichloroethane	5.74	62	839	0.070	ug/L #	73
33) Benzene	5.74	78	1972	0.048	ug/L	100
35) Methylcyclohexane	6.70	83	15298	0.925	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6443	0.619	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	1038	0.075	ug/L #	30
47) Tetrachloroethene	8.56	164	106677	14.897	ug/L	97
48) 2-Hexanone	8.64	43	17298	3.208	ug/L #	68
49) Dibromochloromethane	8.56	129	102955	11.640	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6130	0.784	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.76	75	125	0.076	ug/L #	8

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

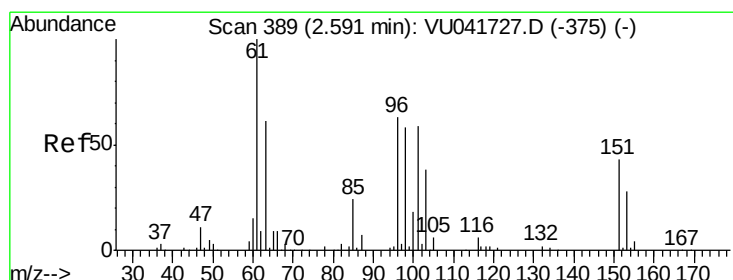
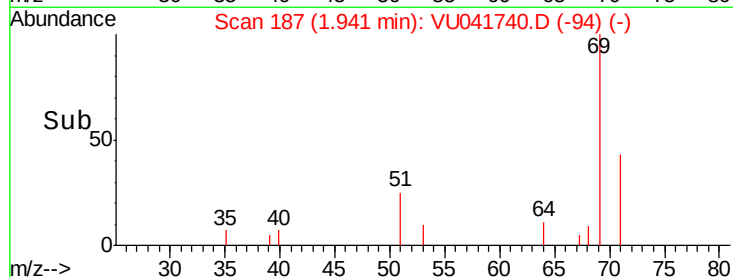
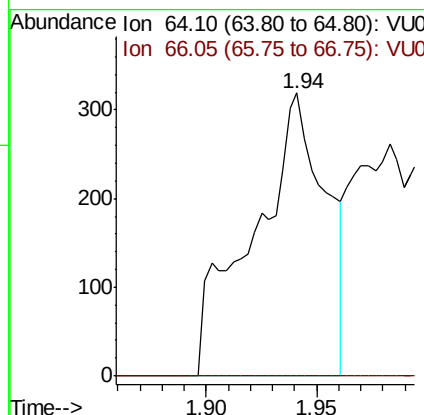
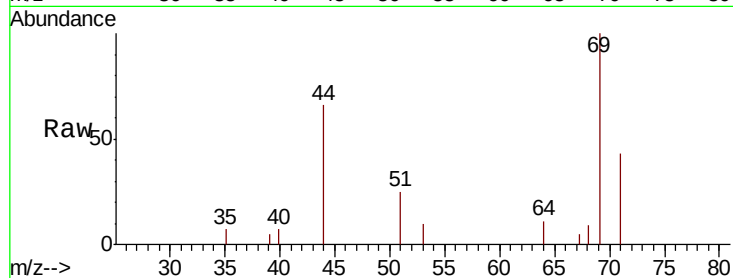
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122220\  
Data File : VU041740.D  
Acq On    : 22 Dec 2020  14:38  
Operator  : SY/MD  
Sample    : L5148-07DL 20X  
Misc      : 25.0mL/MSVOA U/WATER  
ALS Vial  : 15    Sample Multiplier: 1
```



#8
 Chloroethane
 Concen: 0.087 ug/L
 RT: 1.94 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

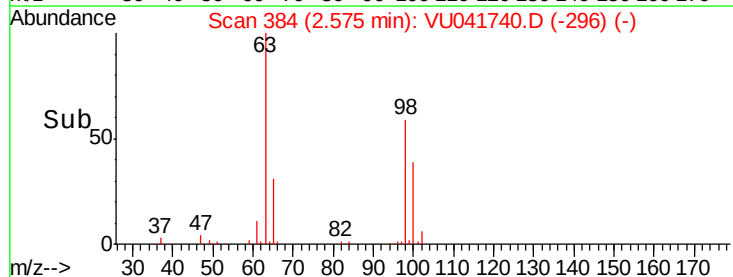
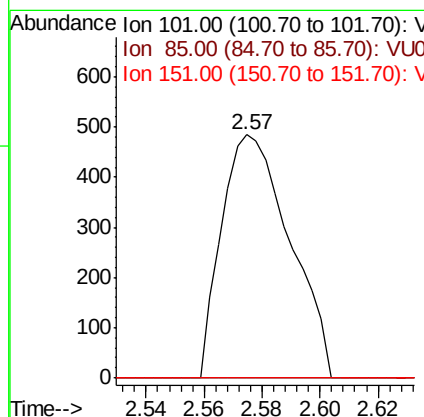
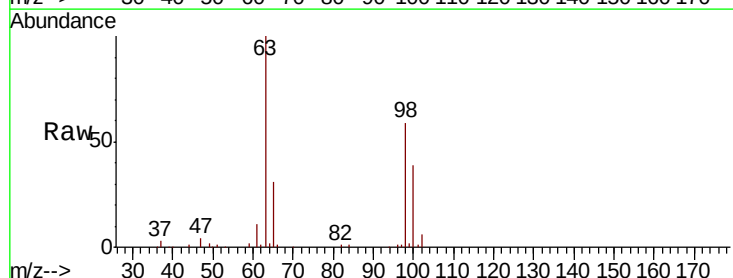
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T6DL

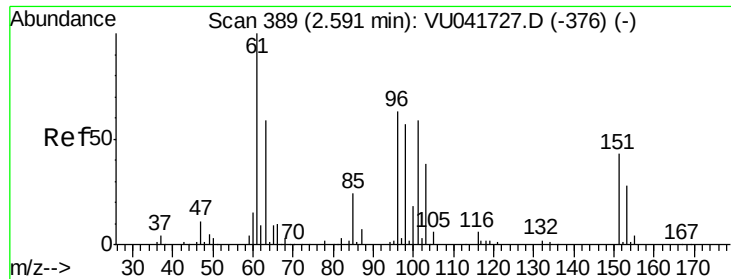
Tot Ion: 64 Resp: 723
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.6 40.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.085 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

Tgt Ion: 101 Resp: 790
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 56.2 84.4#

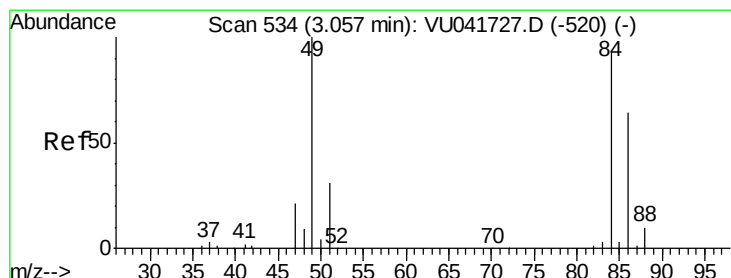
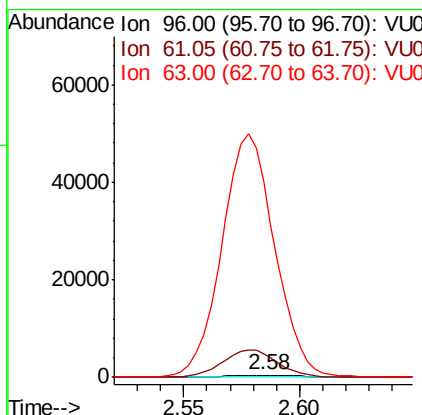
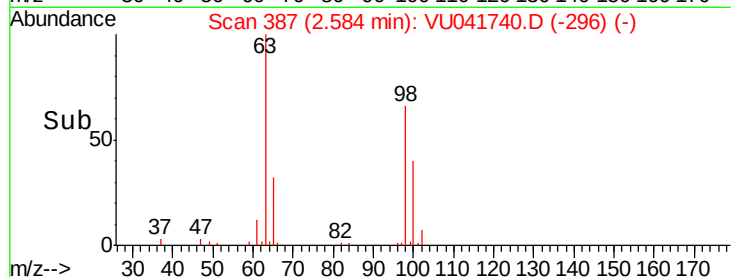
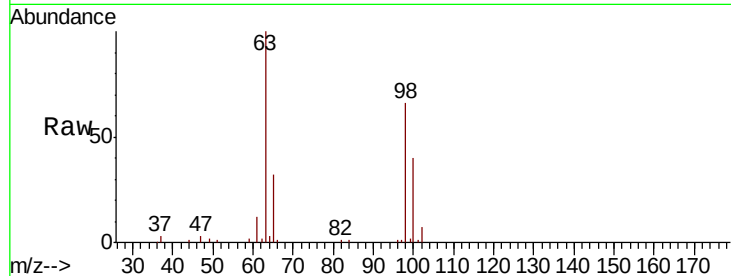




#12
 1,1-Dichloroethene
 Concen: 0.108 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

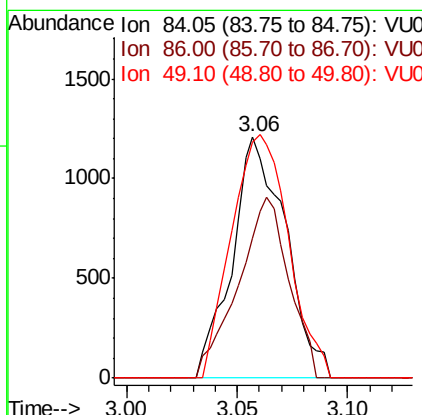
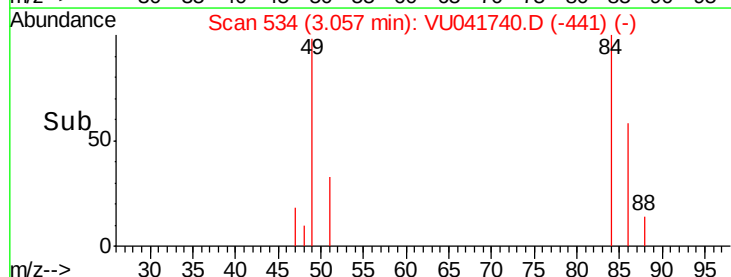
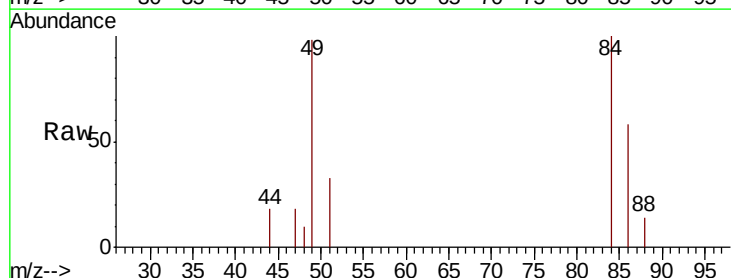
Instrument :
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 ClientSampleId :
 GB1T6DL

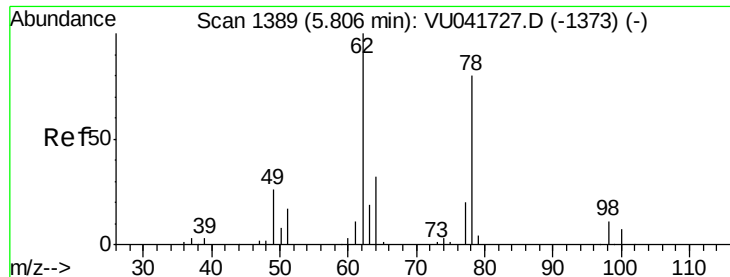
Tot Ion: 96 Resp: 987
 Ion Ratio Lower Upper
 96 100
 61 1021.3 123.8 230.0#
 63 8419.4 81.0 150.4#



#16
 Methylene chloride
 Concen: 0.187 ug/L
 RT: 3.06 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

Tgt Ion: 84 Resp: 2037
 Ion Ratio Lower Upper
 84 100
 86 58.0 45.1 83.7
 49 97.9 83.1 154.3

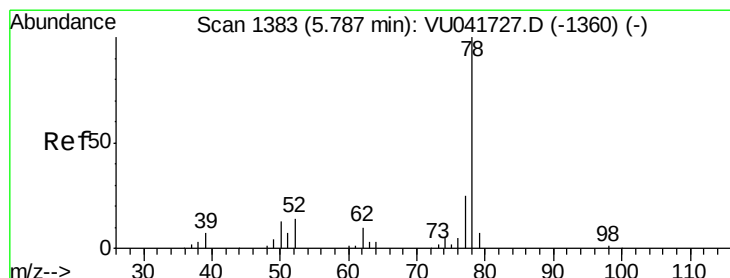
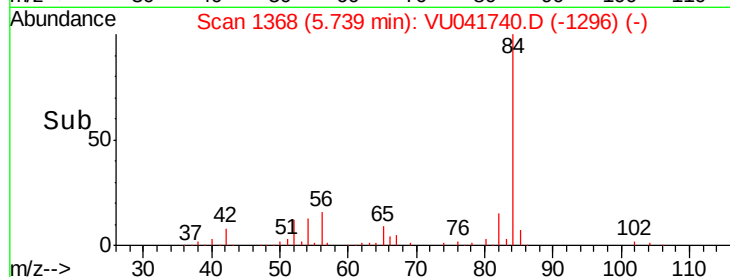
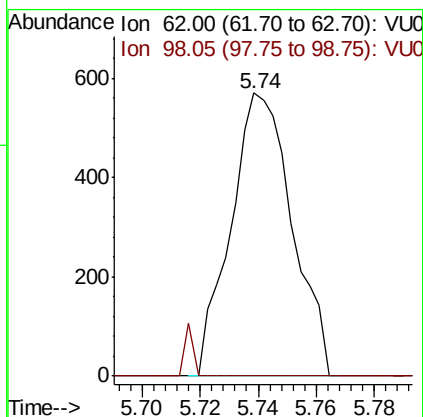
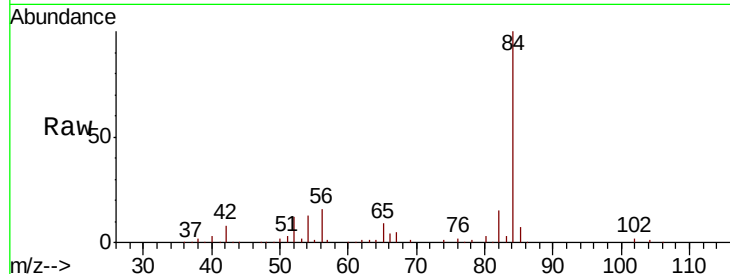




#27
 1,2-Dichloroethane
 Concen: 0.070 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

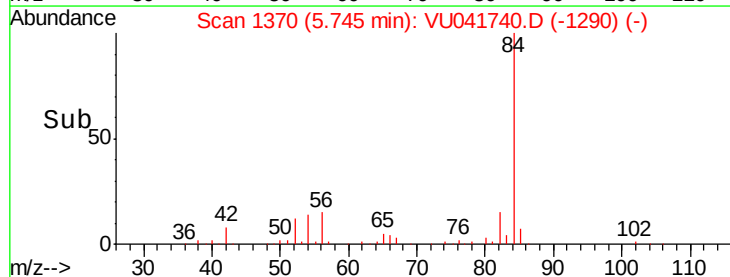
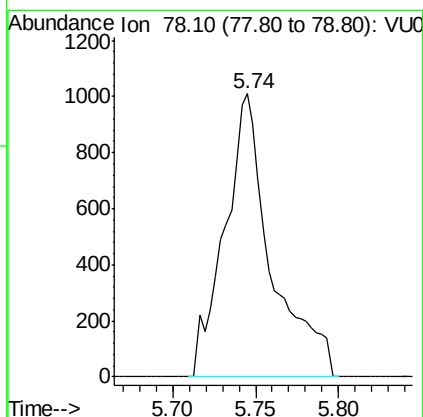
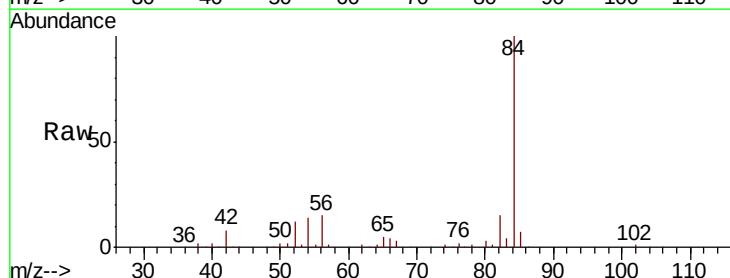
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T6DL

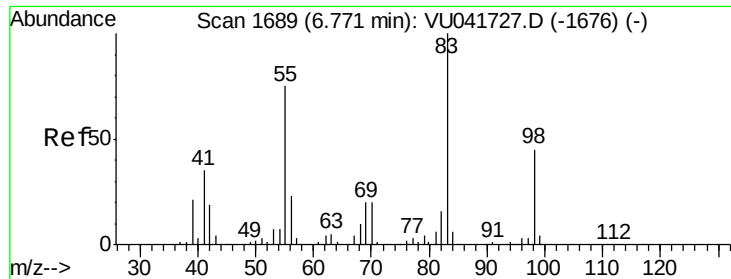
Tot Ion: 62 Resp: 839
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.048 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041740.D
 Acq: 22 Dec 2020 14:38

Tgt Ion: 78 Resp: 1972

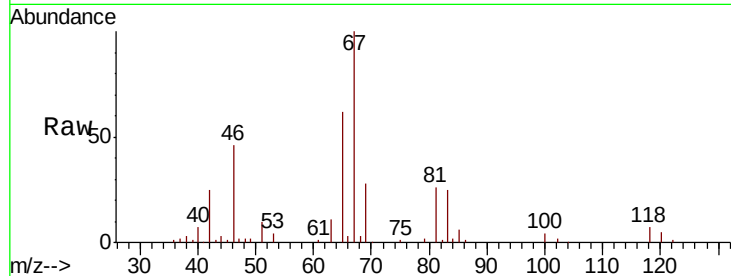




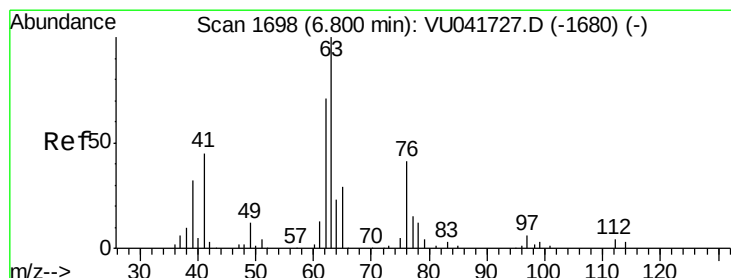
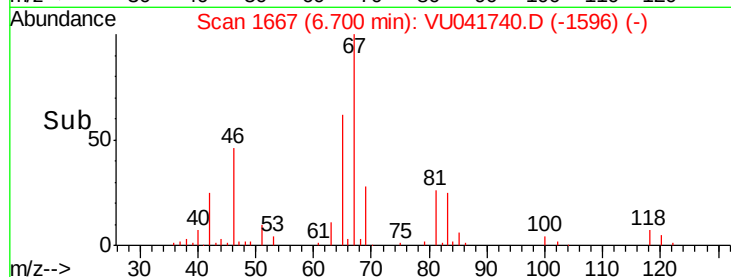
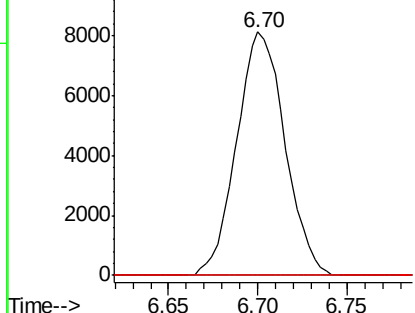
#35
Methylvlcyclohexane
Concen: 0.925 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041740.D
Acq: 22 Dec 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
GB1T6DL

Tot Ion: 83 Resp: 15298
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.7 36.6 54.8#

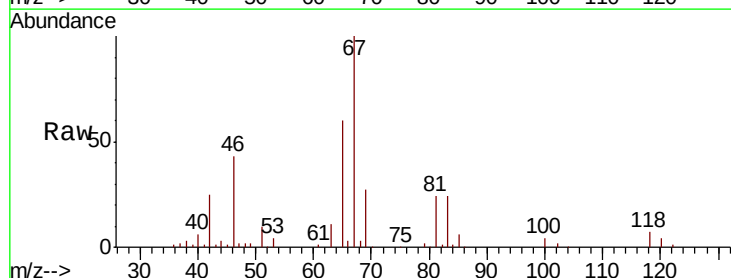


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

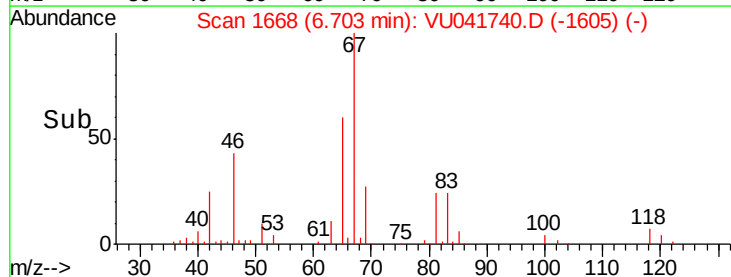
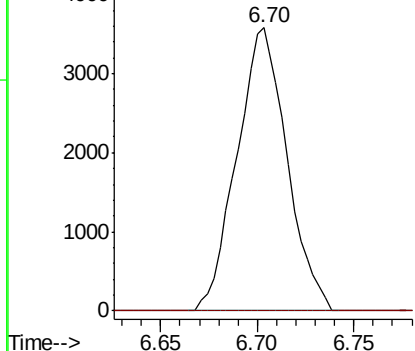


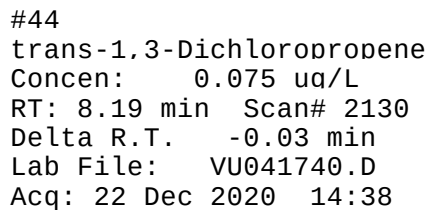
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041740.D
Acq: 22 Dec 2020 14:38

Tgt Ion: 63 Resp: 6443
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

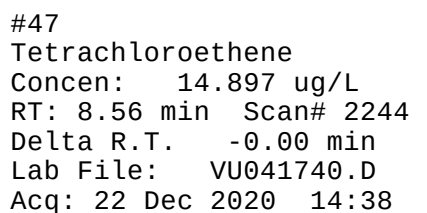
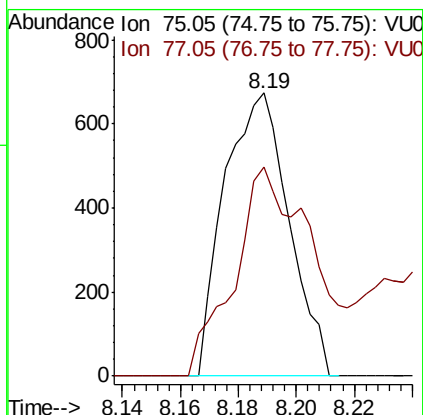
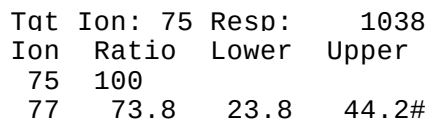


Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

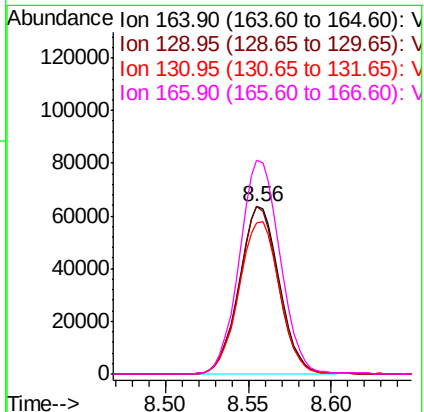
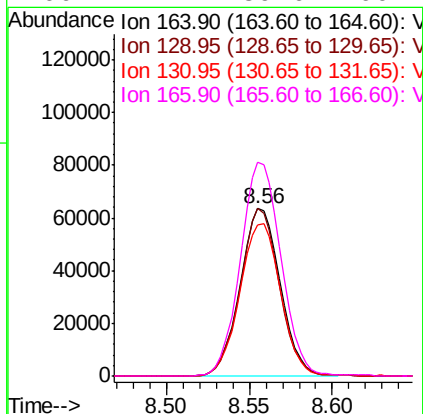


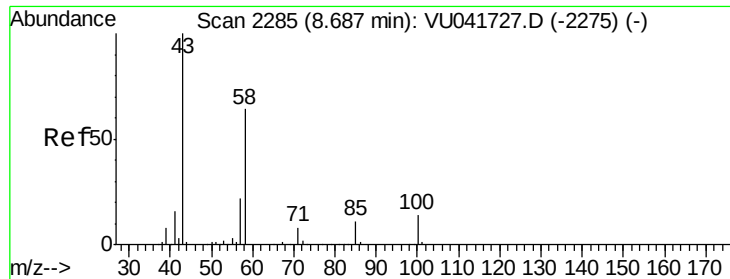


Instrument :
MSVOA_U
ClientSampleId :
GB1T6DL



Tgt	Ion:164	Resp:	106677
Ion	Ratio	Lower	Upper
164	100		
129	99.8	72.2	134.0
131	90.4	66.9	124.3
166	127.4	89.6	166.4

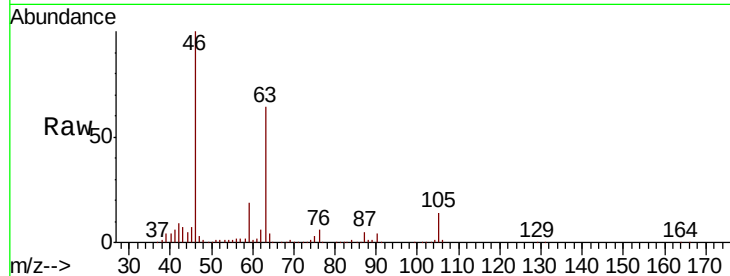




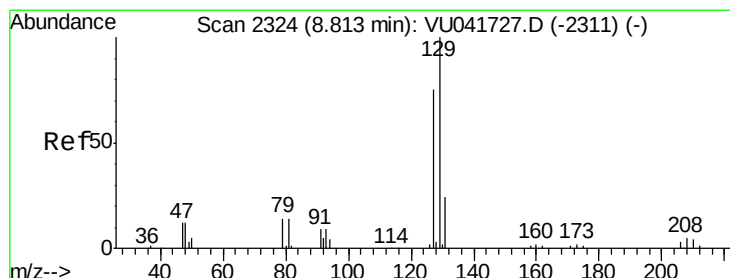
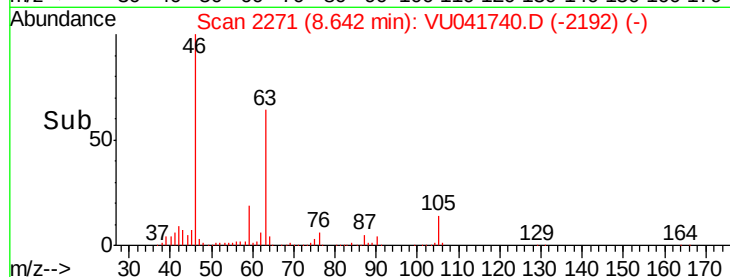
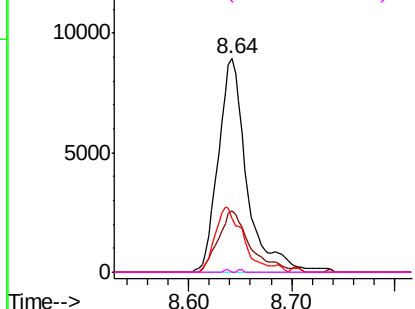
#48
2-Hexanone
Concen: 3.208 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041740.D
Acq: 22 Dec 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
GB1T6DL

Tot Ion: 43 Resp: 17298
Ion Ratio Lower Upper
43 100
58 31.7 47.9 71.9#
57 29.7 16.5 24.7#
100 0.2 9.4 14.2#

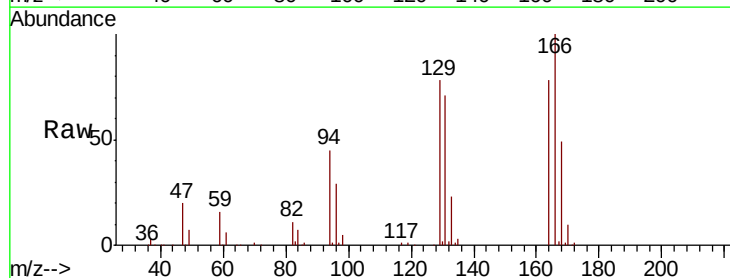


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

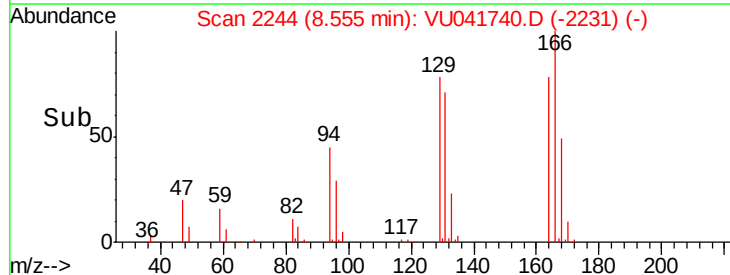
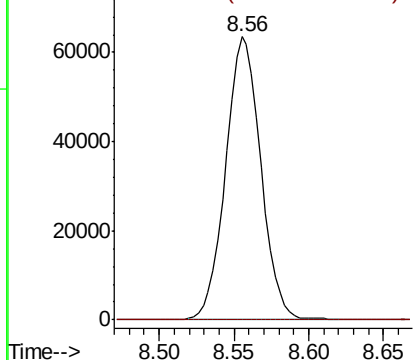


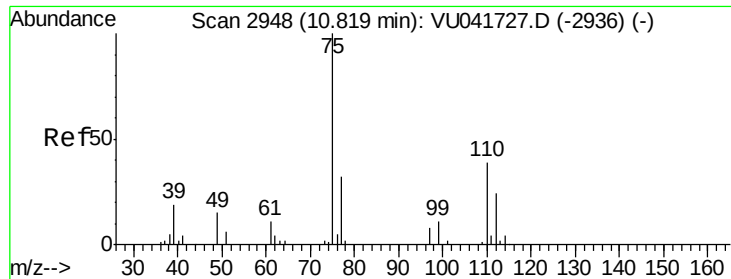
#49
Dibromochloromethane
Concen: 11.640 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041740.D
Acq: 22 Dec 2020 14:38

Tgt Ion: 129 Resp: 102955
Ion Ratio Lower Upper
129 100
127 0.2 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.784 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041740.D

Acq: 22 Dec 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

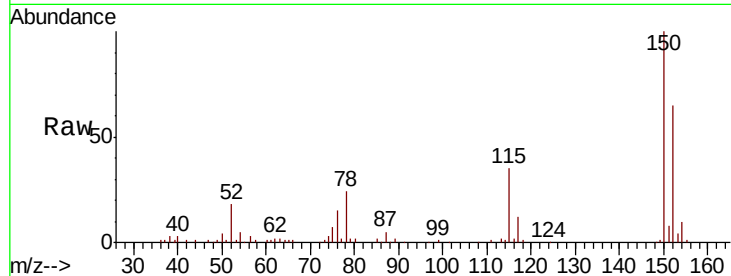
GB1T6DL

Tot Ion: 75 Resp: 6130

Ion Ratio Lower Upper

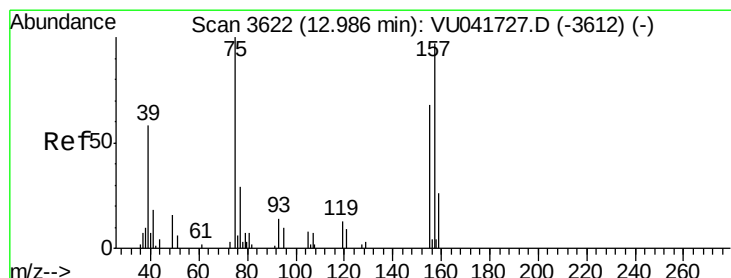
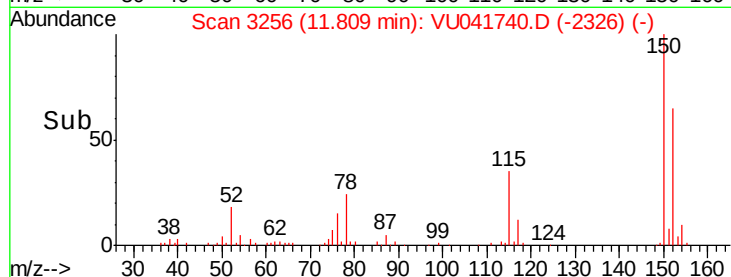
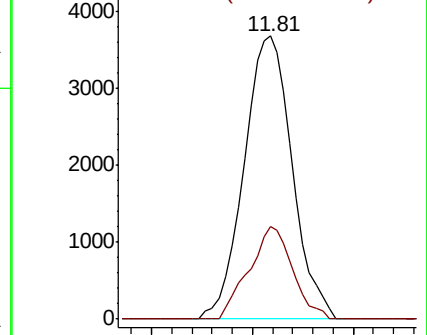
75 100

77 29.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.076 ug/L

RT: 12.76 min Scan# 3552

Delta R.T. -0.23 min

Lab File: VU041740.D

Acq: 22 Dec 2020 14:38

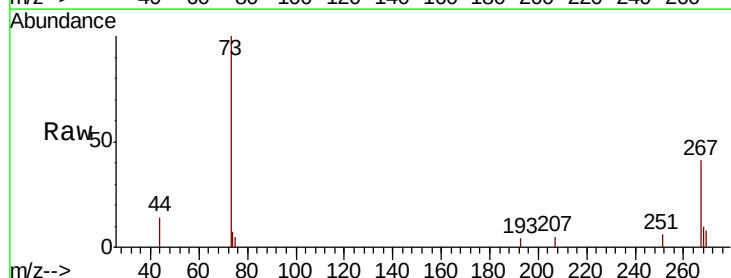
Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

155 0.0 57.4 86.0#

157 0.0 72.4 108.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

