

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041563.D
 Acq On : 11 Dec 2020 02:39
 Operator : SY/MD
 Sample : L5027-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H4

Quant Time: Dec 11 07:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	41844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8683	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	8384	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	18439	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	29223	36.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.52%
24) Chloroform-d	5.08	84	28555	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	18921	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	43384	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.70	67	10284	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	35058	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	6072	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	19630	33.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	9639	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	19700	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

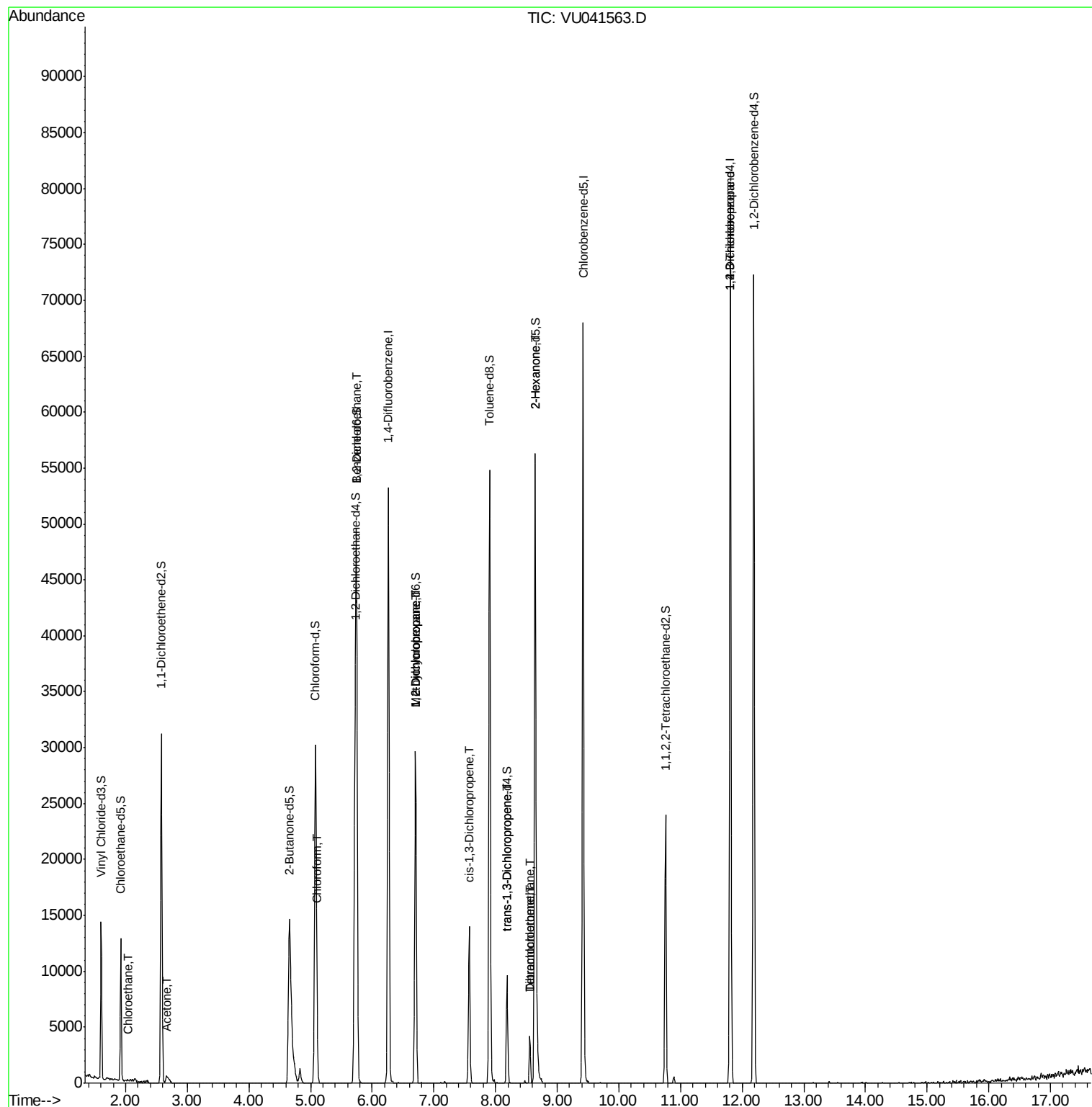
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.03	64	95	0.051	ug/L #	45
13) Acetone	2.67	43	1391	2.217	ug/L	59
25) Chloroform	5.11	83	520	0.089	ug/L #	73
27) 1,2-Dichloroethane	5.75	62	312	0.069	ug/L #	79
35) Methylcyclohexane	6.70	83	3253	0.882	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1758	0.837	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	444	0.117	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	203	0.054	ug/L #	42
47) Tetrachloroethene	8.56	164	879	0.411	ug/L	86
48) 2-Hexanone	8.64	43	2931	2.168	ug/L #	73
49) Dibromochloromethane	8.56	129	867	0.314	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	1940	0.952	ug/L #	78

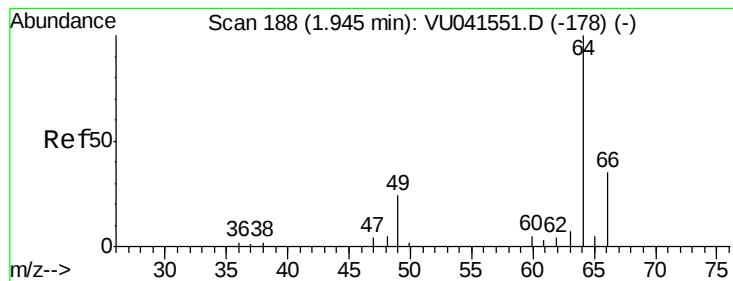
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.051 ug/L

RT: 2.03 min Scan# 215

Delta R.T. 0.09 min

Lab File: VU041563.D

Acq: 11 Dec 2020 02:39

Instrument :

MSVOA_U

ClientSampled :

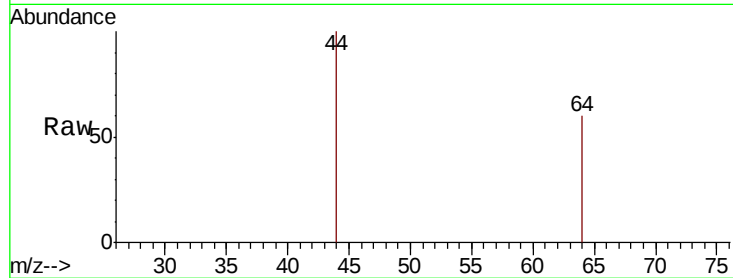
GB1H4

Tot Ion: 64 Resp: 95

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

2.03

150

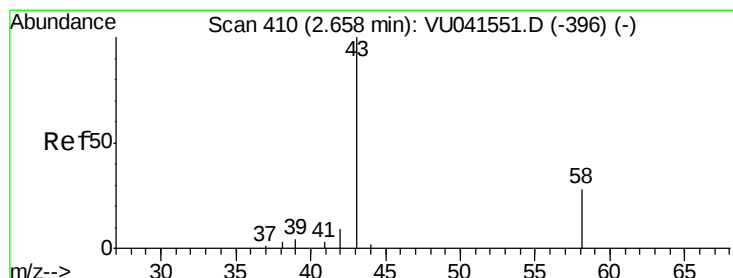
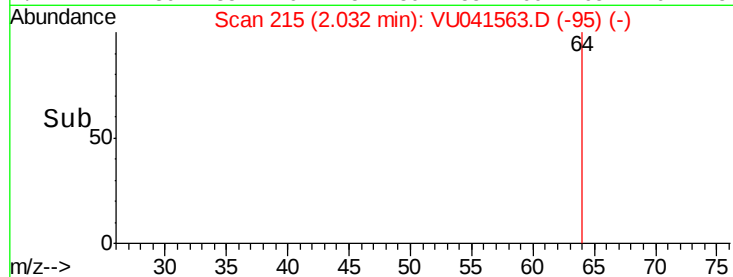
100

50

0

2.01 2.02 2.03 2.04

Time-->



#13

Acetone

Concen: 2.217 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU041563.D

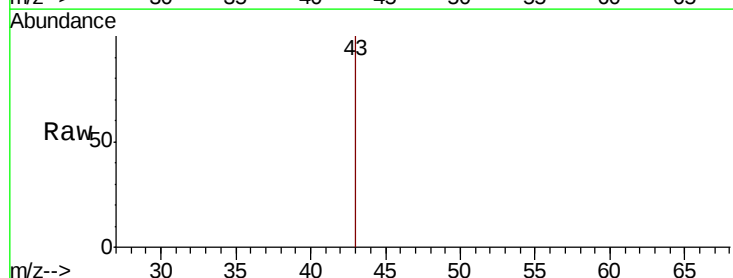
Acq: 11 Dec 2020 02:39

Tgt Ion: 43 Resp: 1391

Ion Ratio Lower Upper

43 100

58 4.7 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

600

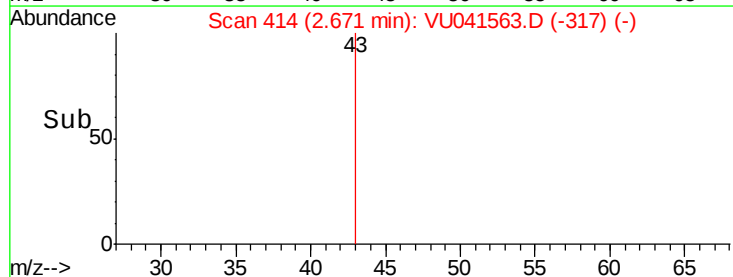
400

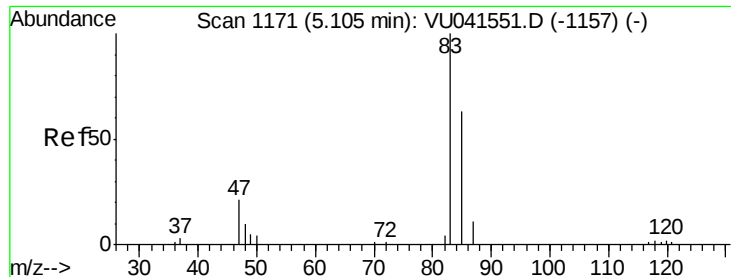
200

0

2.65 2.67 2.69 2.71

Time-->

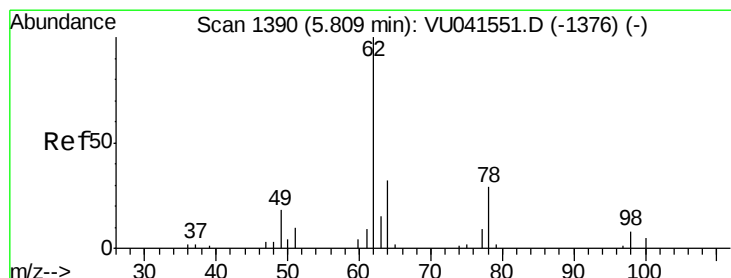
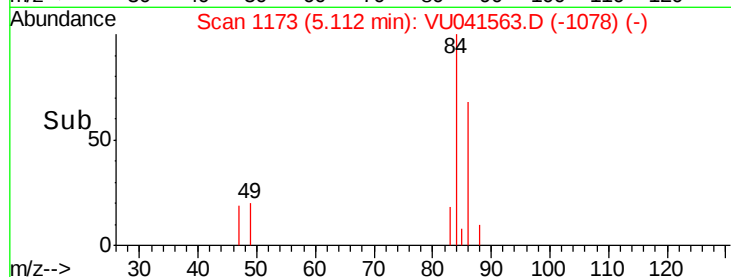
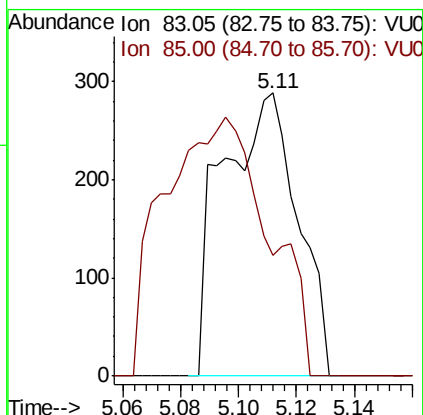
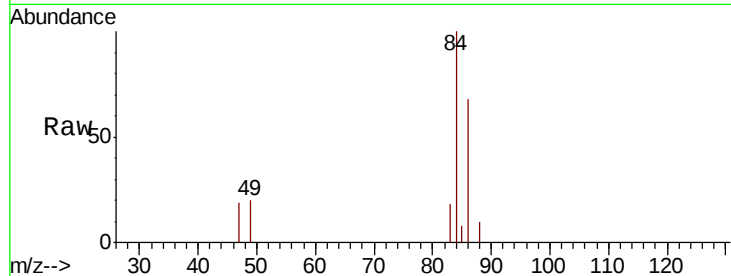




#25
Chloroform
Concen: 0.089 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041563.D
Acq: 11 Dec 2020 02:39

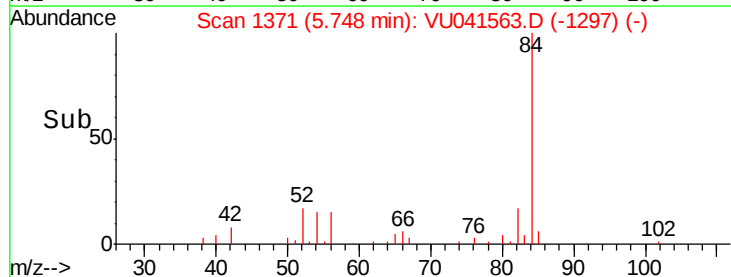
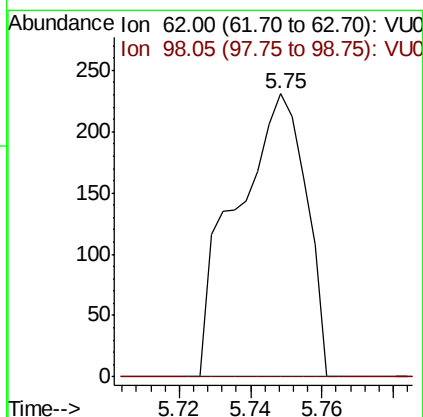
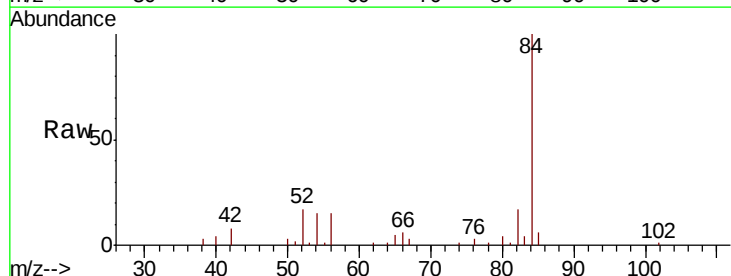
Instrument :
MSVOA_U
ClientSampleId :
GB1H4

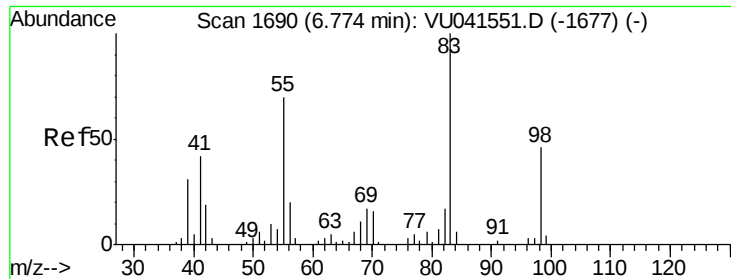
Tot Ion: 83 Resp: 520
Ion Ratio Lower Upper
83 100
85 42.7 44.7 82.9#



#27
1,2-Dichloroethane
Concen: 0.069 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041563.D
Acq: 11 Dec 2020 02:39

Tgt Ion: 62 Resp: 312
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

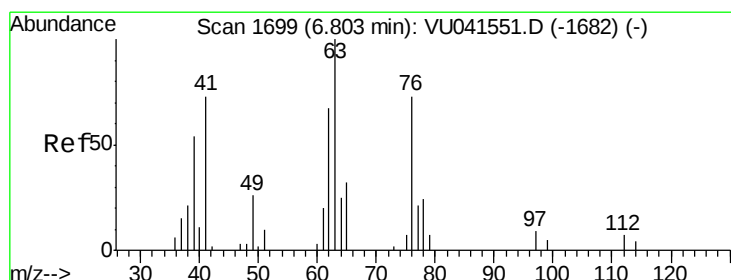
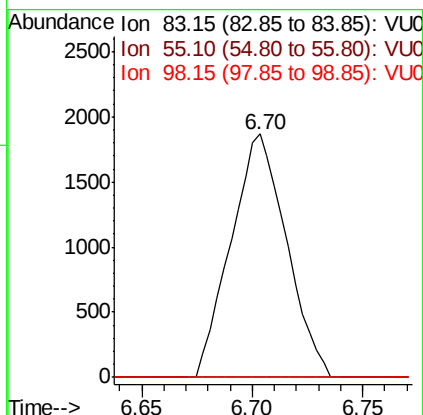
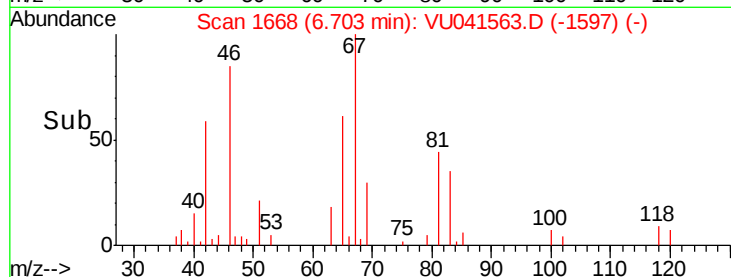
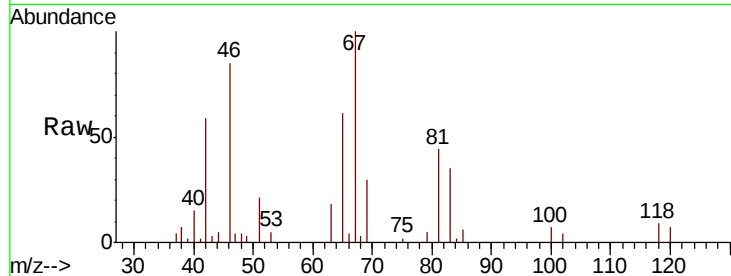




#35
Methvlcvclohexane
Concen: 0.882 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041563.D
Acq: 11 Dec 2020 02:39

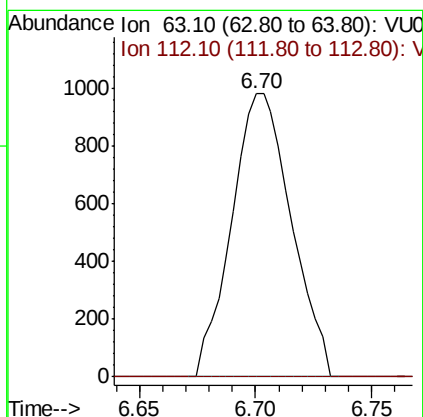
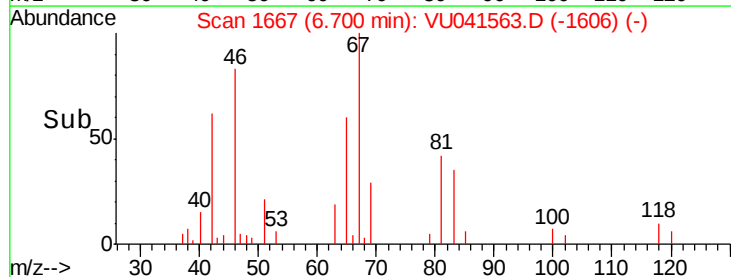
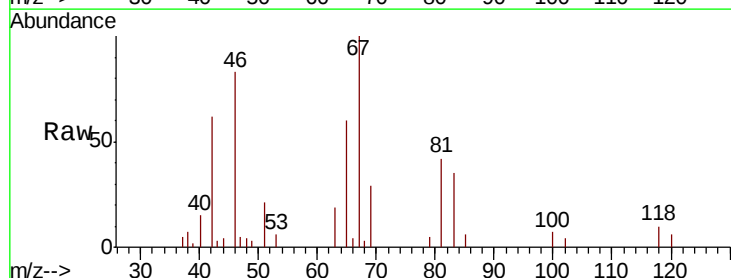
Instrument :
MSVOA_U
ClientSampleId :
GB1H4

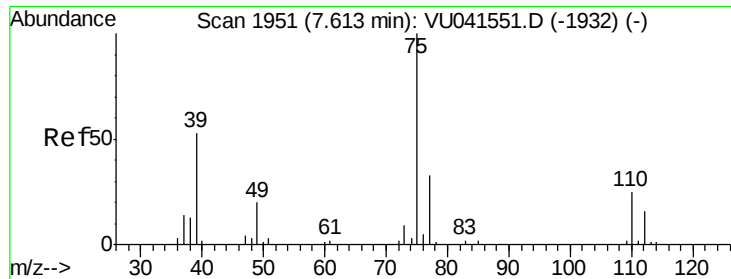
Tot Ion: 83 Resp: 3253
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.837 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041563.D
Acq: 11 Dec 2020 02:39

Tgt Ion: 63 Resp: 1758
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

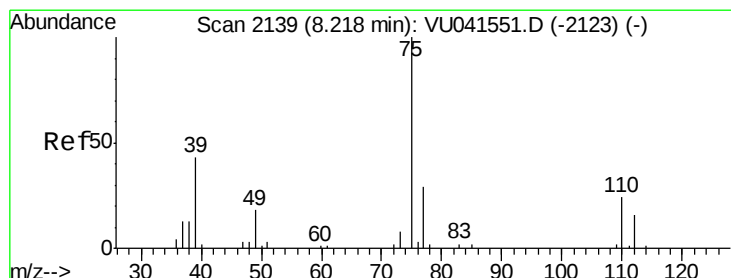
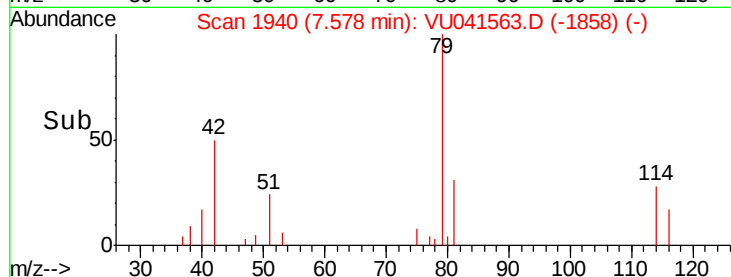
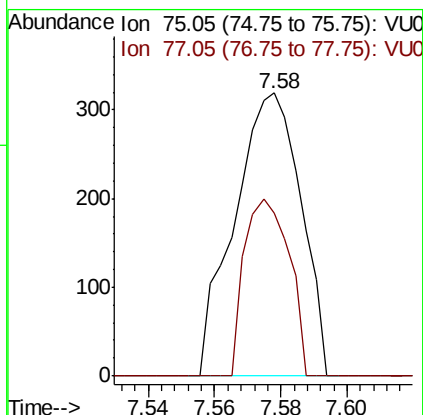
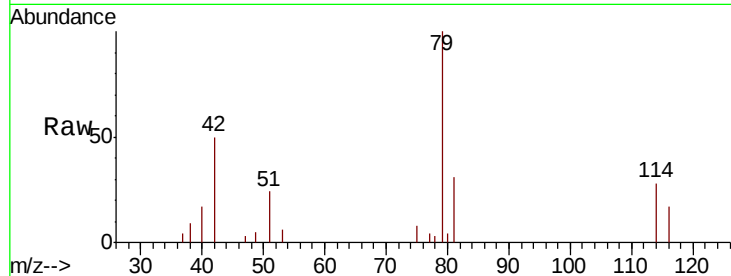




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041563.D
 Acq: 11 Dec 2020 02:39

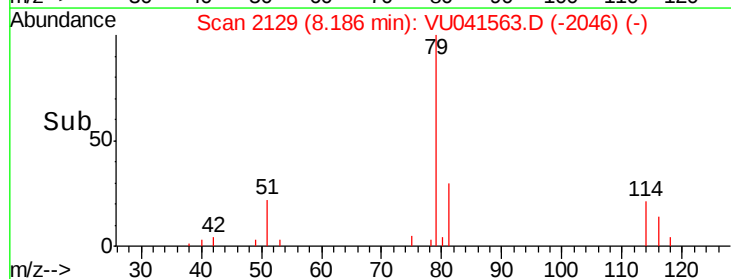
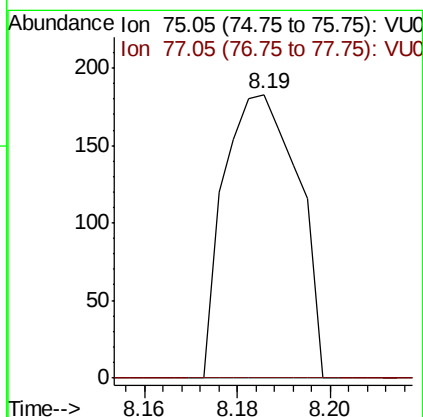
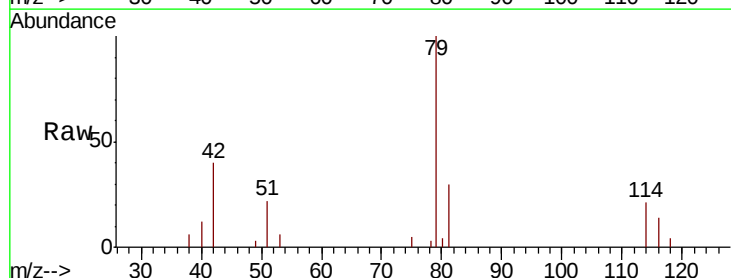
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H4

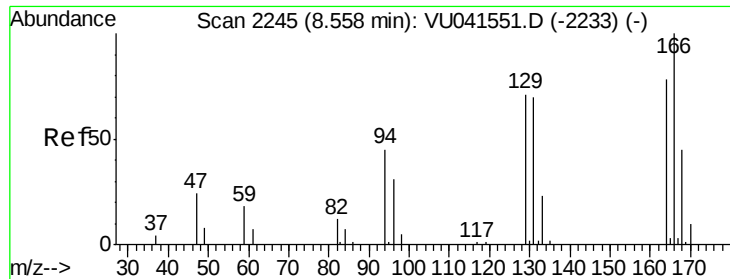
Tot Ion: 75 Resp: 444
 Ion Ratio Lower Upper
 75 100
 77 57.7 24.0 44.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.054 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041563.D
 Acq: 11 Dec 2020 02:39

Tgt Ion: 75 Resp: 203
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#





#47

Tetrachloroethene

Concen: 0.411 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041563.D

Acq: 11 Dec 2020 02:39

Instrument :
MSVOA_U
ClientSampleId :
GB1H4

Tot Ion:164 Resp: 879

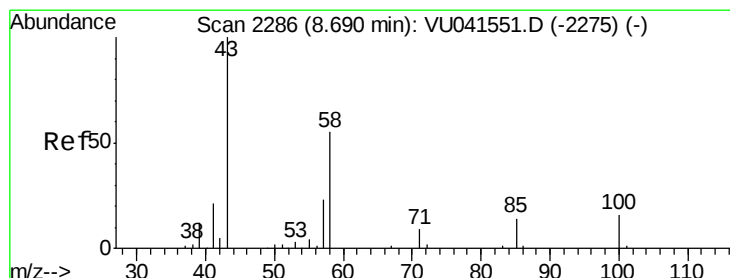
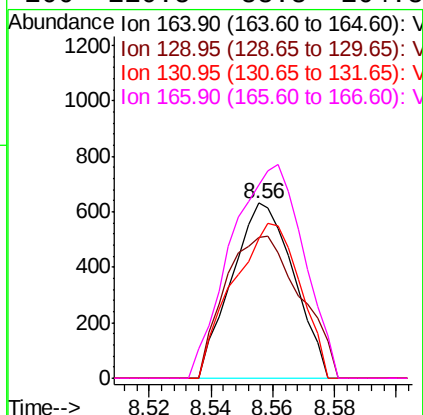
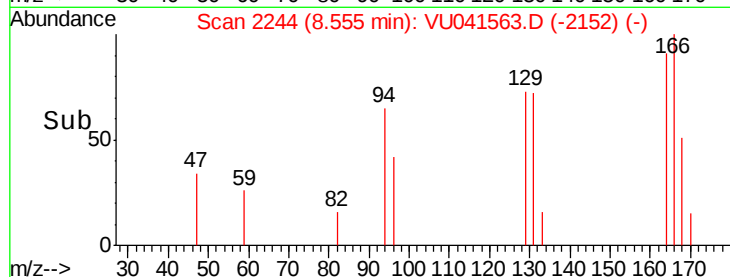
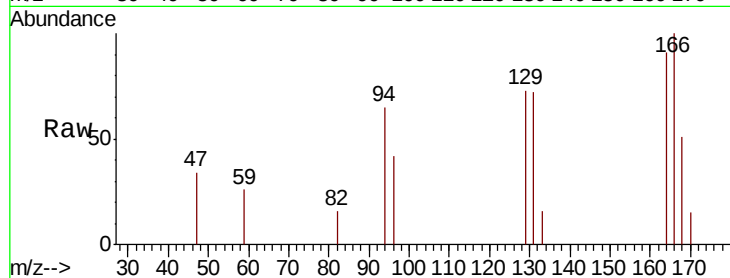
Ion Ratio Lower Upper

164 100

129 80.3 67.1 124.7

131 79.4 63.3 117.7

166 110.5 88.8 164.8



#48

2-Hexanone

Concen: 2.168 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041563.D

Acq: 11 Dec 2020 02:39

Tgt Ion: 43 Resp: 2931

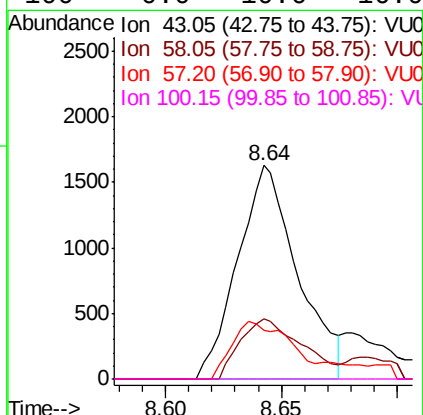
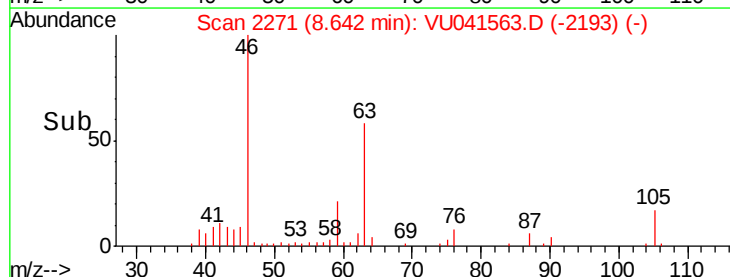
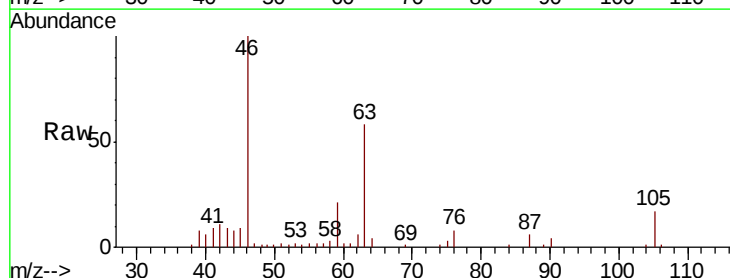
Ion Ratio Lower Upper

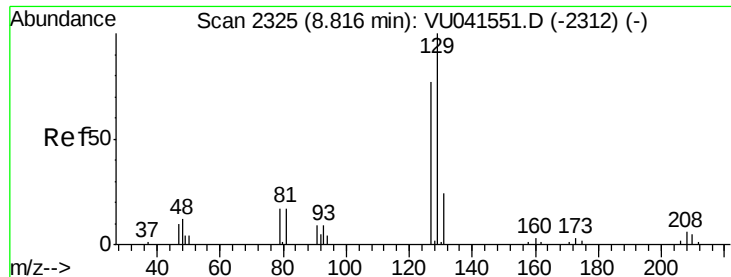
43 100

58 28.9 41.4 62.0#

57 26.0 17.1 25.7#

100 0.0 10.6 16.0#

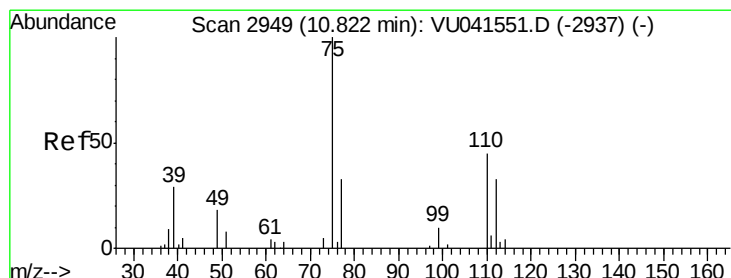
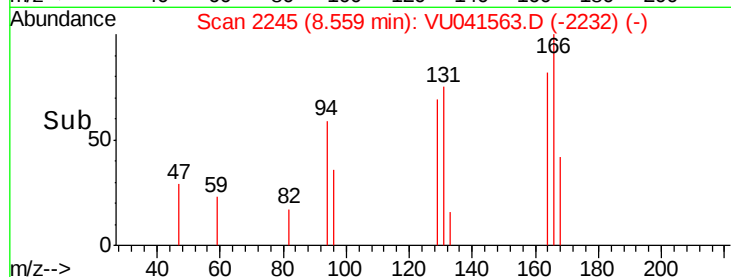
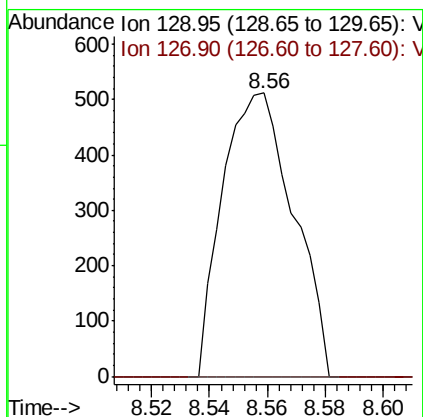
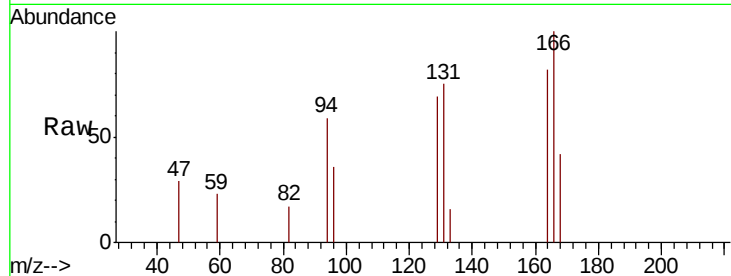




#49
 Dibromochloromethane
 Concen: 0.314 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.26 min
 Lab File: VU041563.D
 Acq: 11 Dec 2020 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H4

Tot Ion:129 Resp: 867
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.952 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041563.D
 Acq: 11 Dec 2020 02:39

Tgt Ion: 75 Resp: 1940
 Ion Ratio Lower Upper
 75 100
 77 45.5 26.3 39.5#

