

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041562.D
 Acq On : 11 Dec 2020 02:16
 Operator : SY/MD
 Sample : L5027-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H3

Quant Time: Dec 11 07:35:54 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	36049	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	19603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9400	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	8843	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.58	63	17988	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.65	46	29131	41.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	5.08	84	26558	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	17276	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	36660	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	8874	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.91	98	36411	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.19	79	5603	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	18996	32.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10461	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	16961	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

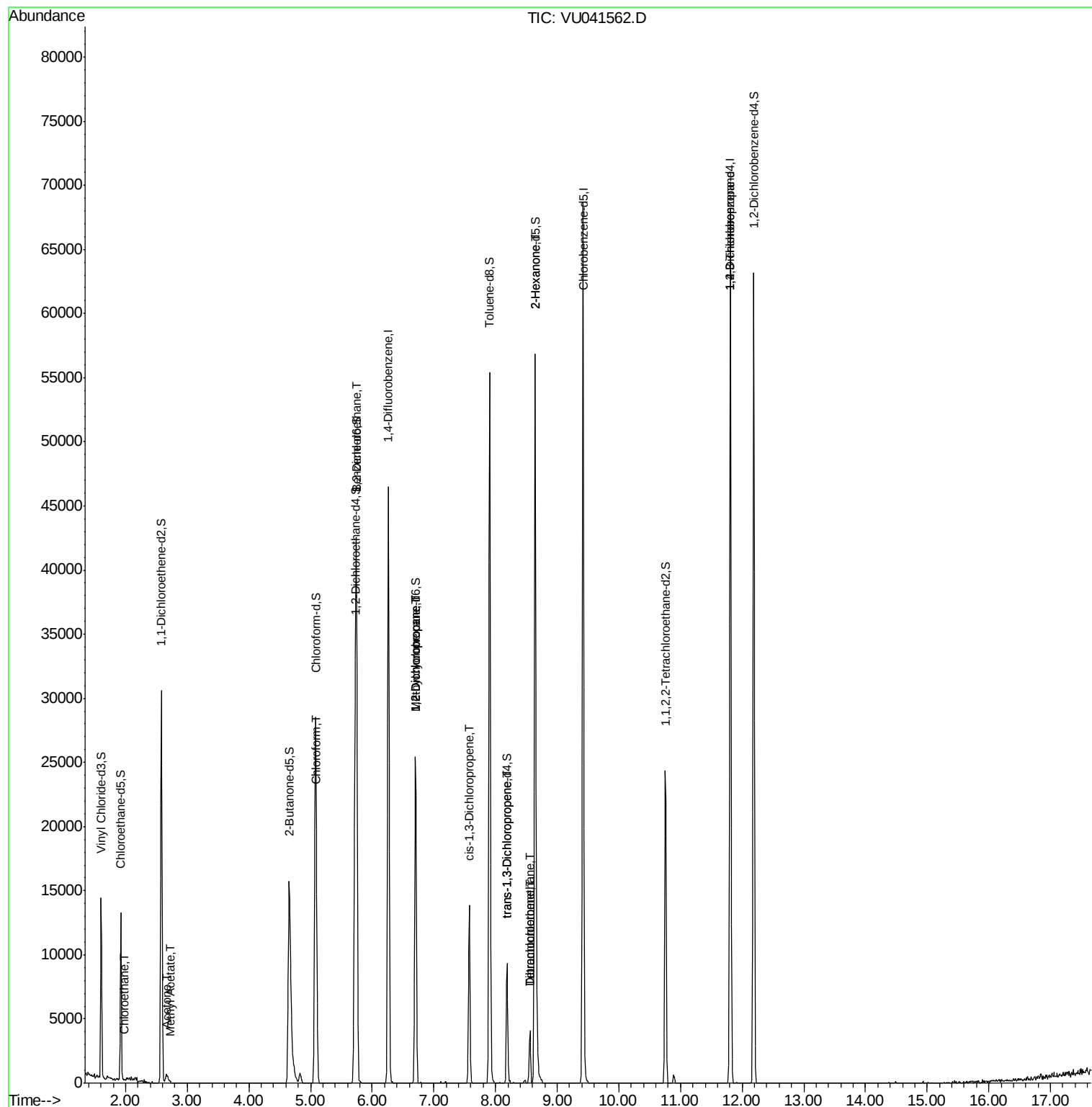
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.98	64	66	0.041	ug/L #	45
13) Acetone	2.66	43	1769	3.273	ug/L	67
15) Methyl Acetate	2.73	43	149	0.151	ug/L #	51
25) Chloroform	5.11	83	603	0.120	ug/L	96
27) 1,2-Dichloroethane	5.74	62	236	0.060	ug/L #	79
35) Methylcyclohexane	6.70	83	2903	0.780	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1350	0.637	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	386	0.101	ug/L	96
44) trans-1,3-Dichloropropene	8.18	75	286	0.075	ug/L #	42
47) Tetrachloroethene	8.56	164	975	0.452	ug/L	87
48) 2-Hexanone	8.64	43	2898	2.124	ug/L #	70
49) Dibromochloromethane	8.56	129	885	0.318	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	1438	0.699	ug/L #	67

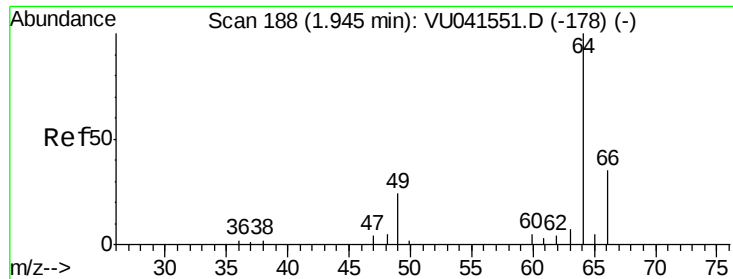
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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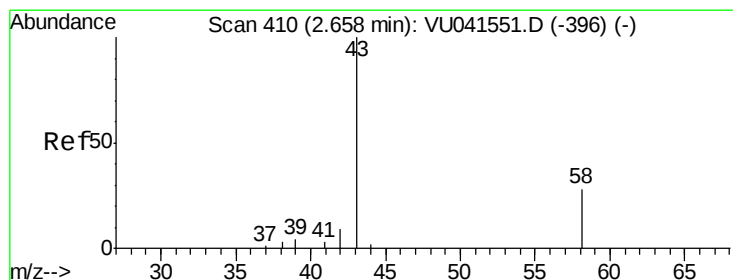
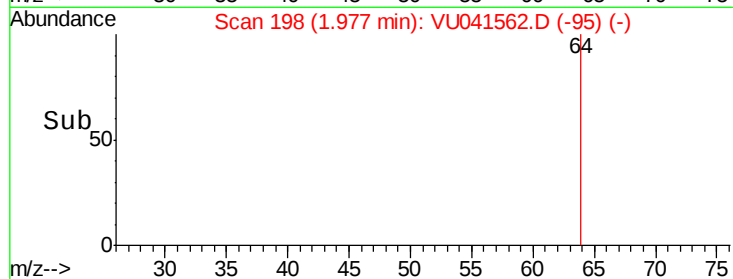
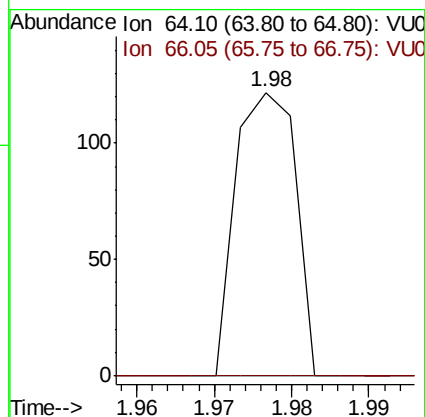
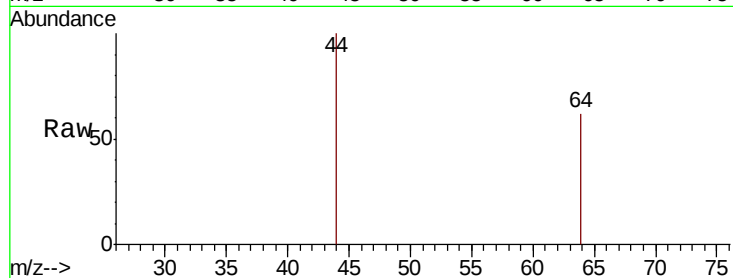




#8
Chloroethane
Concen: 0.041 ug/L
RT: 1.98 min Scan# 198
Delta R.T. 0.03 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

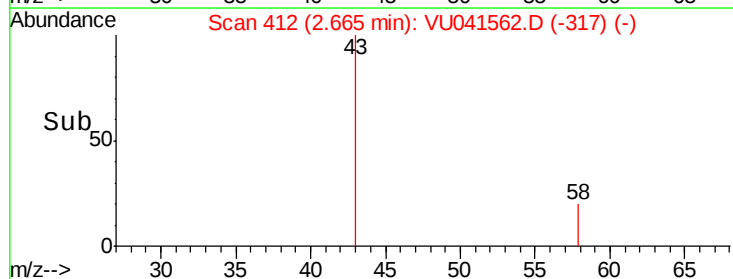
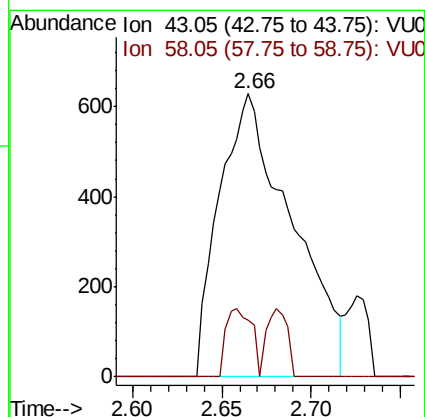
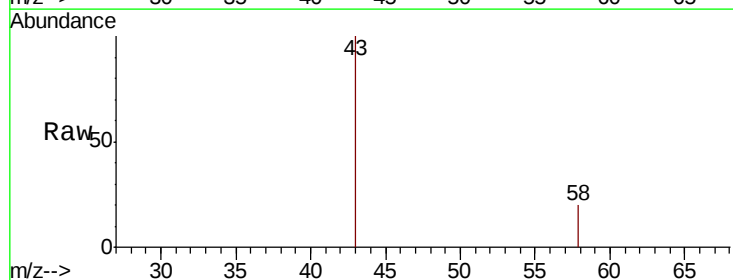
Instrument :
MSVOA_U
ClientSampleId :
GB1H3

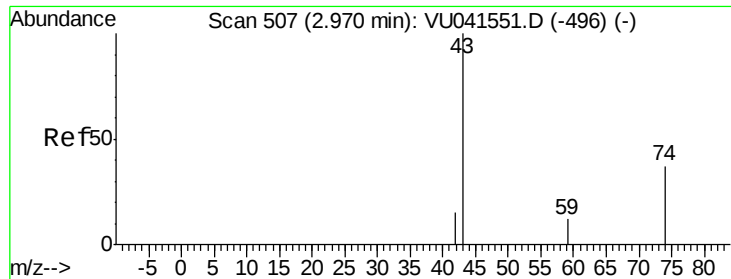
Tot Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 3.273 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 8.5 0.0 50.0

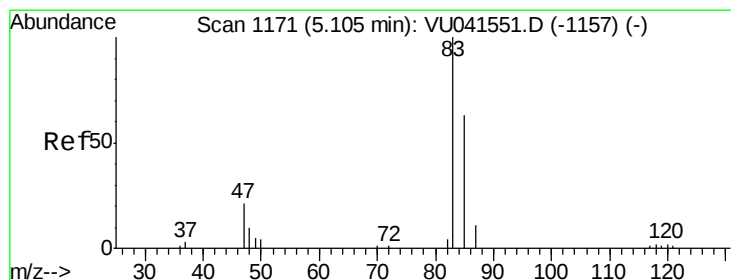
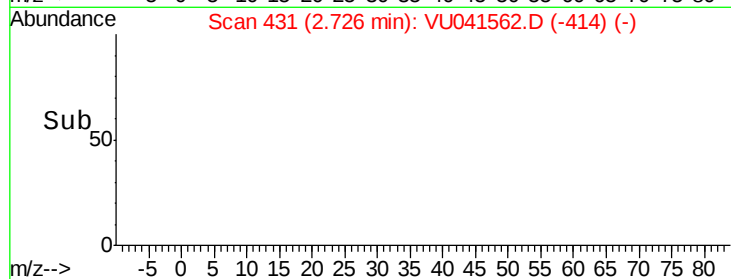
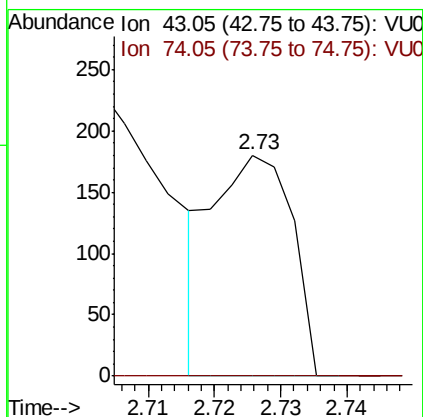
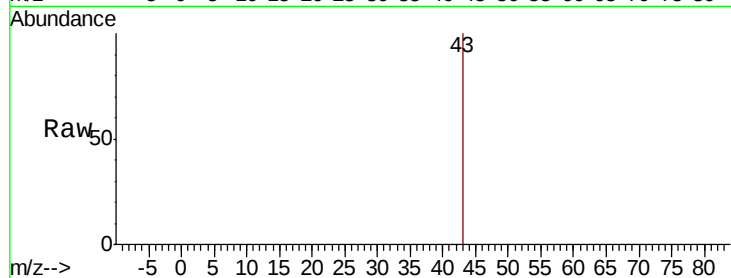




#15
Methvl Acetate
Concen: 0.151 ug/L
RT: 2.73 min Scan# 431
Delta R.T. -0.24 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

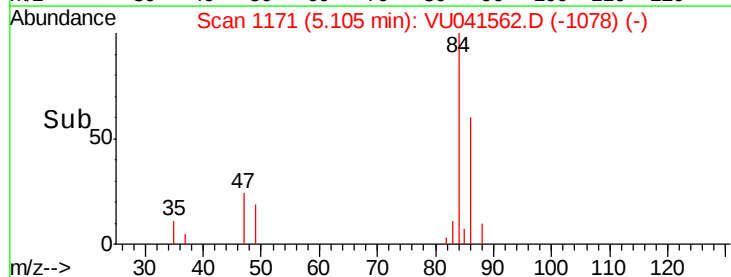
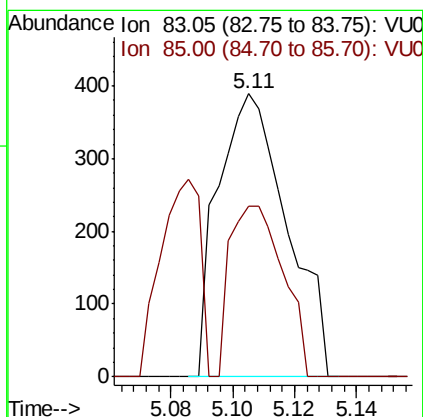
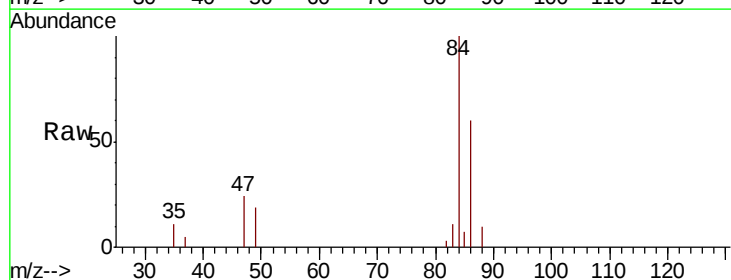
Instrument :
MSVOA_U
ClientSampleId :
GB1H3

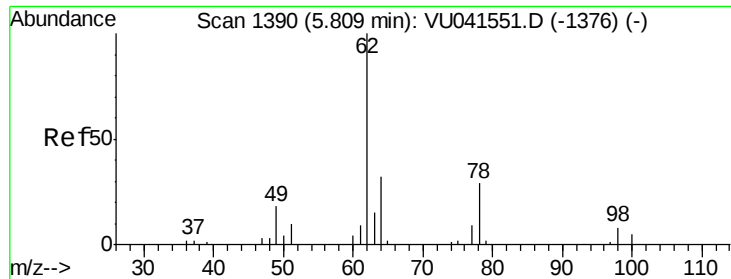
Tot Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#25
Chloroform
Concen: 0.120 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

Tgt Ion: 83 Resp: 603
Ion Ratio Lower Upper
83 100
85 60.4 44.7 82.9

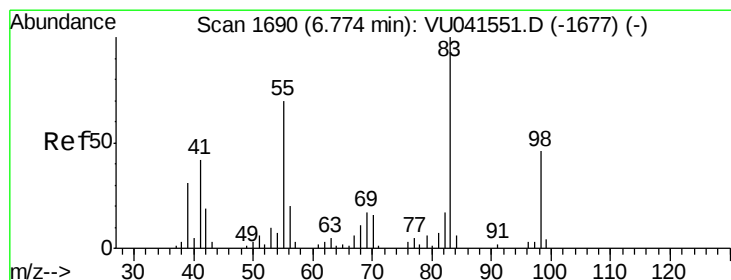
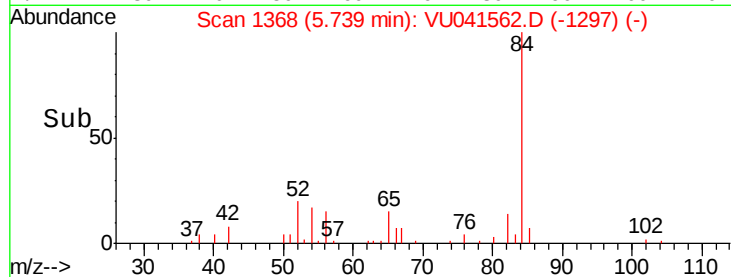
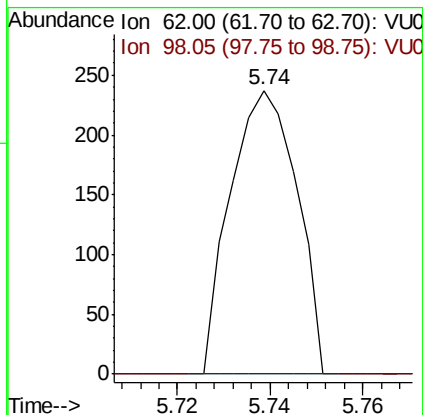
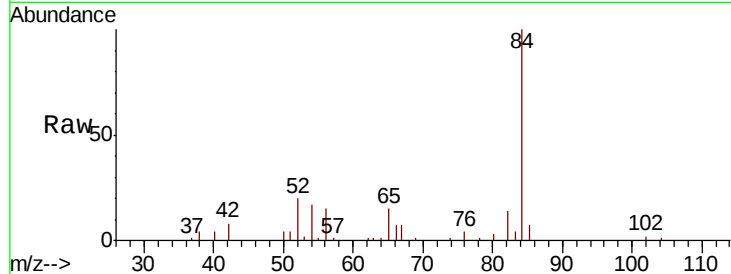




#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041562.D
 Acq: 11 Dec 2020 02:16

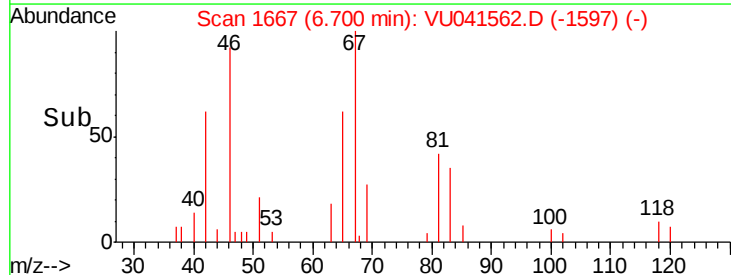
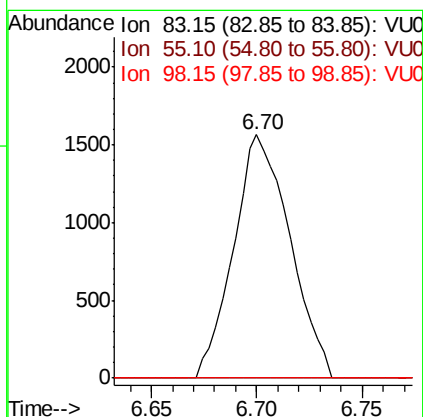
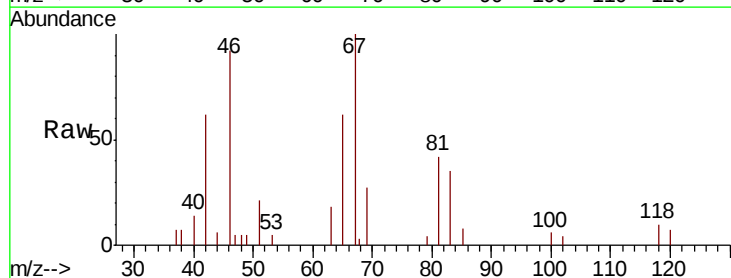
Instrument :
 MSVOA_U
 ClientSampled :
 GB1H3

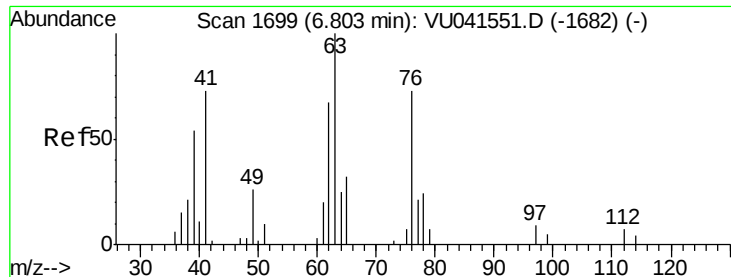
Tot Ion: 62 Resp: 236
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.780 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041562.D
 Acq: 11 Dec 2020 02:16

Tgt Ion: 83 Resp: 2903
 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: 0.637 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041562.D

Acq: 11 Dec 2020 02:16

Instrument :

MSVOA_U

ClientSampleId :

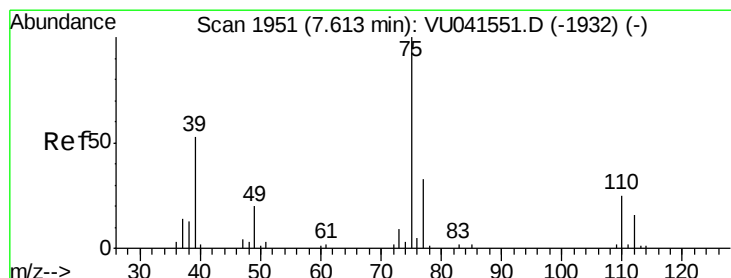
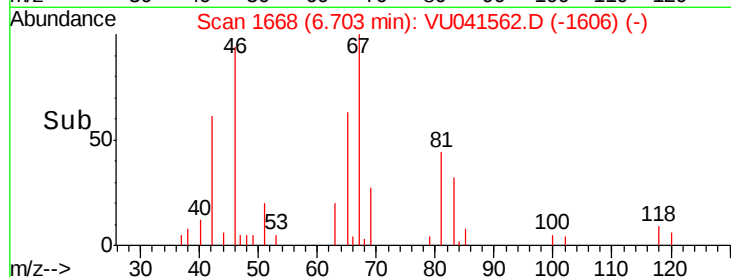
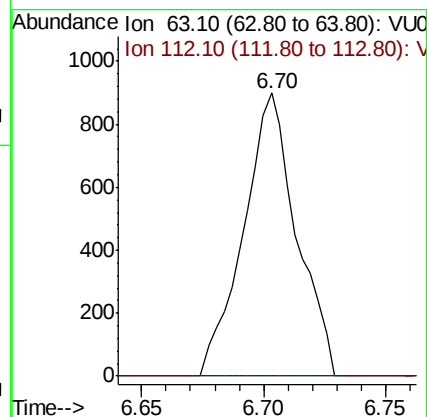
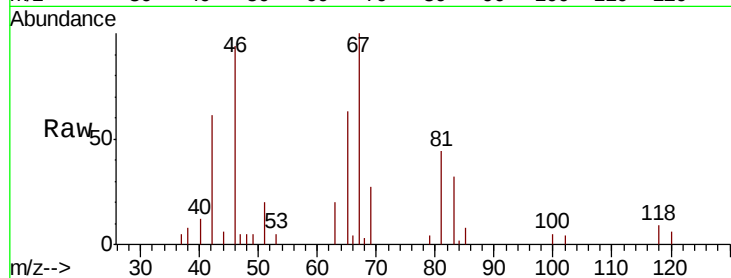
GB1H3

Tot Ion: 63 Resp: 1350

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041562.D

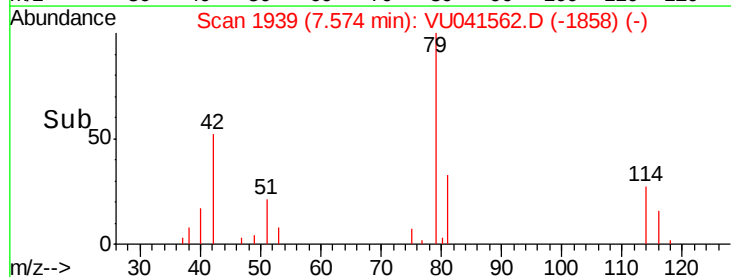
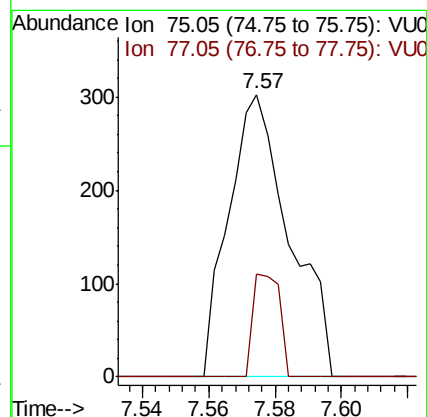
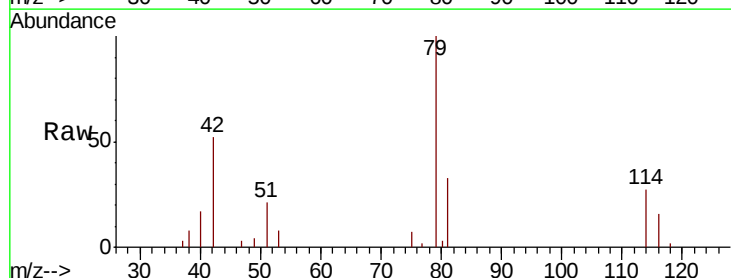
Acq: 11 Dec 2020 02:16

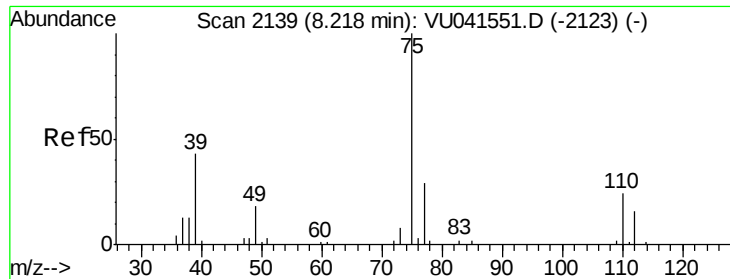
Tgt Ion: 75 Resp: 386

Ion Ratio Lower Upper

75 100

77 36.6 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041562.D

Acq: 11 Dec 2020 02:16

Instrument :

MSVOA_U

ClientSampleId :

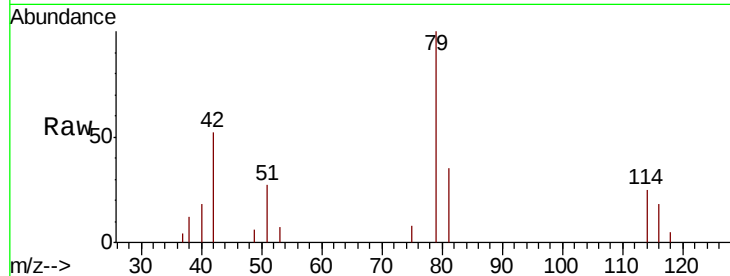
GB1H3

Tot Ion: 75 Resp: 286

Ion Ratio Lower Upper

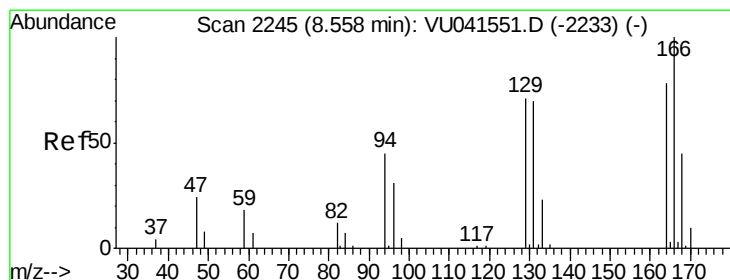
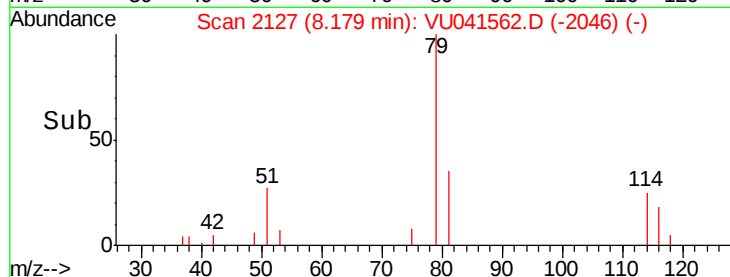
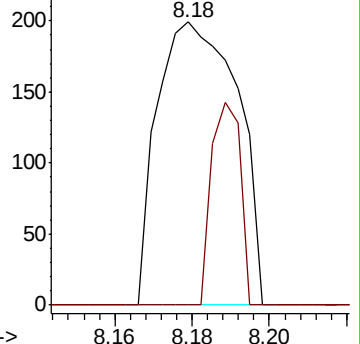
75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.452 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041562.D

Acq: 11 Dec 2020 02:16

Tgt Ion: 164 Resp: 975

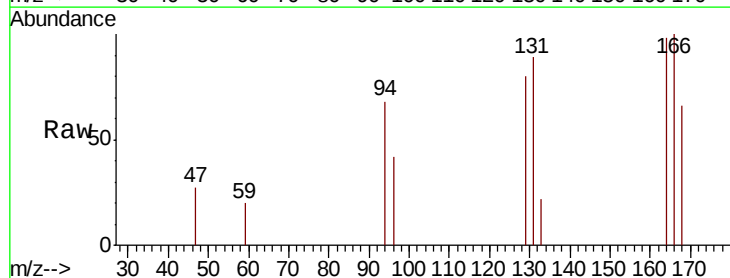
Ion Ratio Lower Upper

164 100

129 81.6 67.1 124.7

131 90.8 63.3 117.7

166 102.3 88.8 164.8

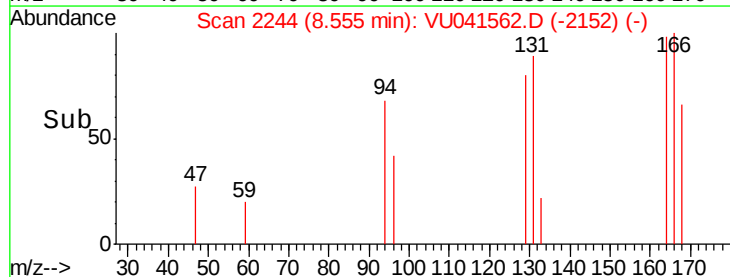
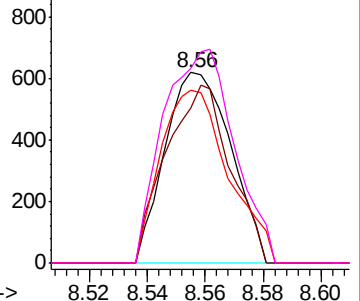


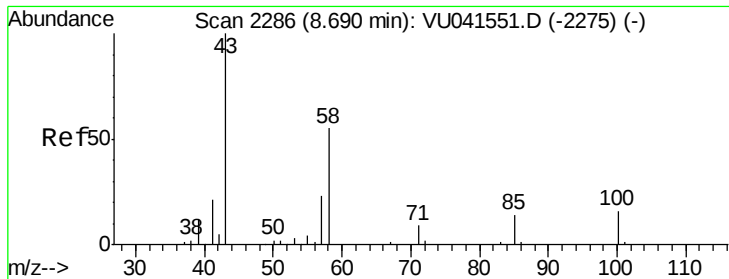
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

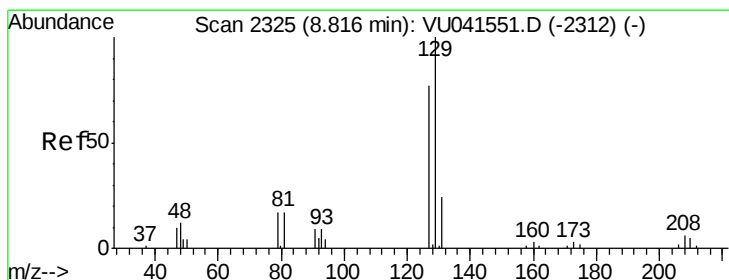
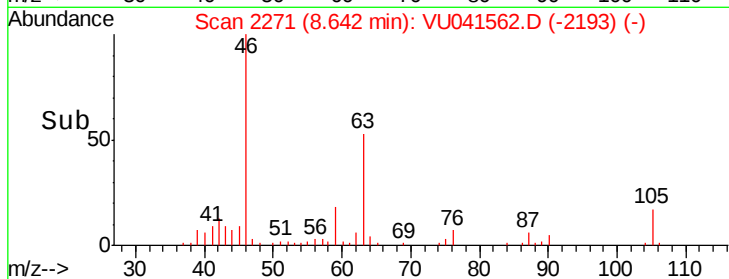
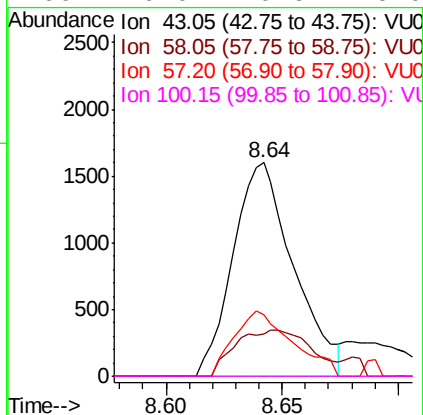
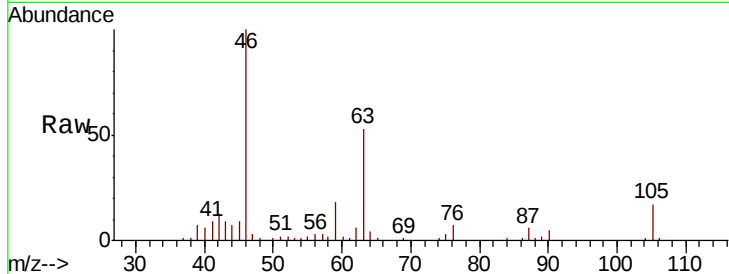




#48
2-Hexanone
Concen: 2.124 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

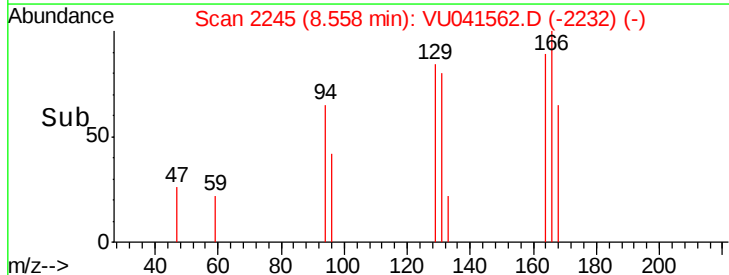
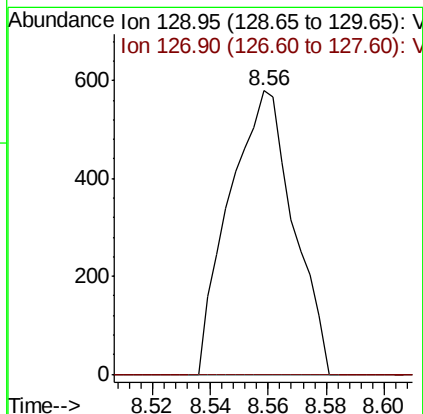
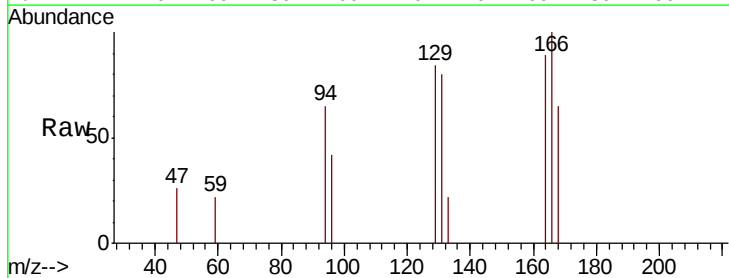
Instrument :
MSVOA_U
ClientSampleId :
GB1H3

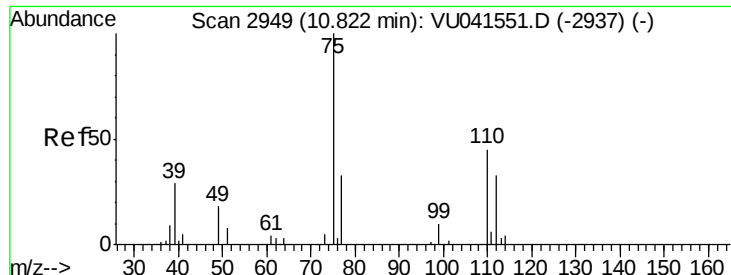
Tot Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
58 27.3 41.4 62.0#
57 29.6 17.1 25.7#
100 0.0 10.6 16.0#



#49
Dibromochloromethane
Concen: 0.318 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU041562.D
Acq: 11 Dec 2020 02:16

Tgt Ion: 129 Resp: 885
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#





#59

1,2,3-Trichloropropane

Concen: 0.699 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041562.D

Acq: 11 Dec 2020 02:16

Instrument :

MSVOA_U

ClientSampleId :

GB1H3

Tot Ion: 75 Resp: 1438

Ion Ratio Lower Upper

75 100

77 51.7 26.3 39.5#

