

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041570.D
 Acq On : 11 Dec 2020 05:21
 Operator : SY/MD
 Sample : L5027-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J3

Quant Time: Dec 11 07:37:06 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	37459	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	34852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18489	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9124	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	8635	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	17518	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.66	46	27870	38.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.26%
24) Chloroform-d	5.08	84	26668	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	19130	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	39950	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	10107	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.90	98	36916	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.19	79	5993	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	19475	34.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10811	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17124	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

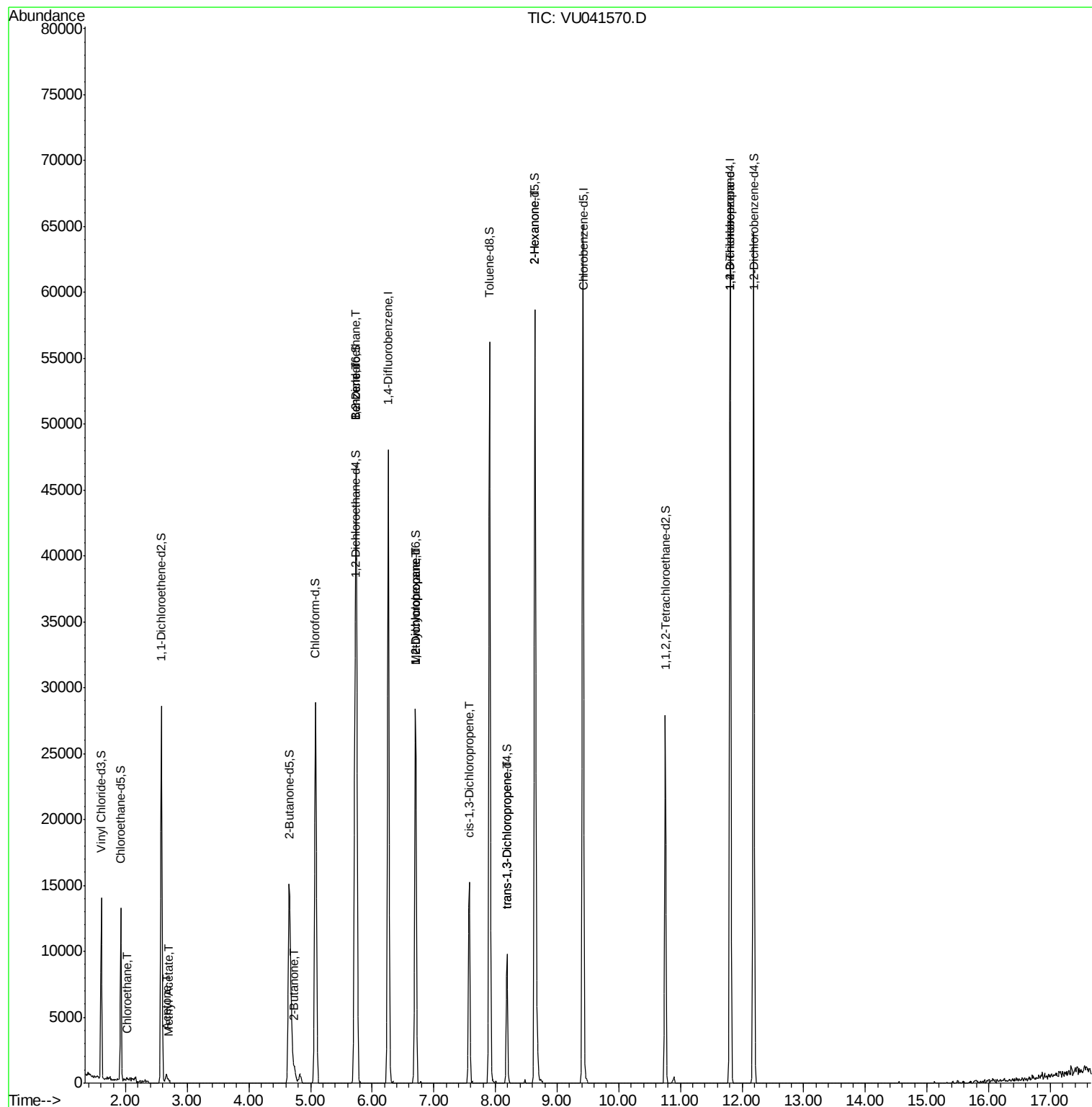
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.02	64	113	0.068	ug/L #	45
13) Acetone	2.66	43	1232	2.193	ug/L	69
15) Methyl Acetate	2.71	43	128	0.125	ug/L #	51
21) 2-Butanone	4.74	43	1091	1.552	ug/L #	70
27) 1,2-Dichloroethane	5.75	62	237	0.058	ug/L #	79
33) Benzene	5.75	78	257	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	3473	0.978	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1814	0.897	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	411	0.113	ug/L #	69
44) trans-1,3-Dichloropropene	8.18	75	235	0.064	ug/L #	66
48) 2-Hexanone	8.64	43	3211	2.467	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	1588	0.810	ug/L #	76

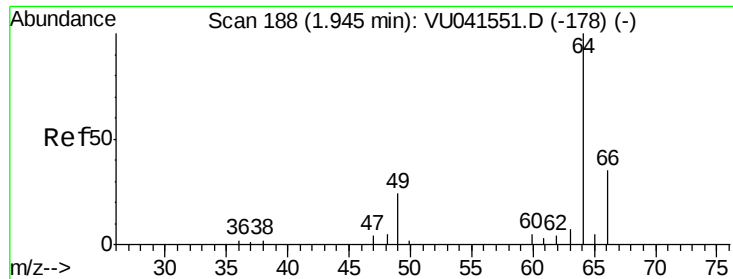
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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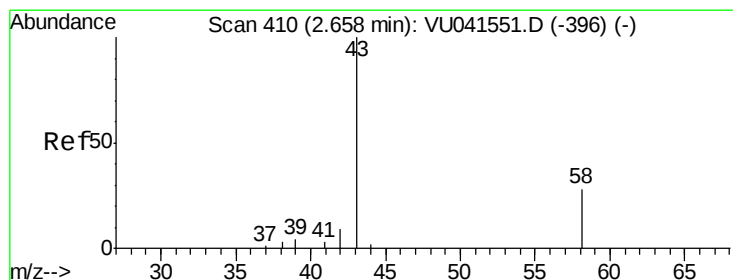
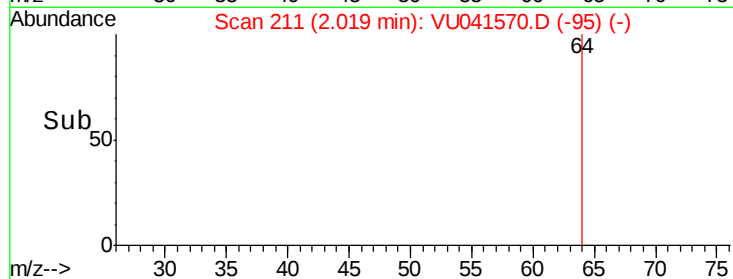
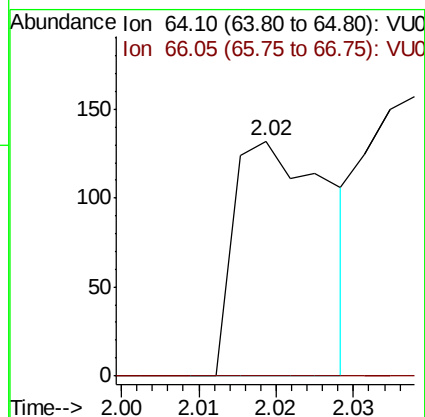
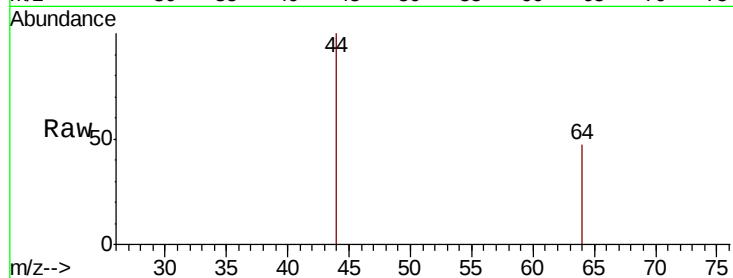




#8
Chloroethane
Concen: 0.068 ug/L
RT: 2.02 min Scan# 211
Delta R.T. 0.07 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

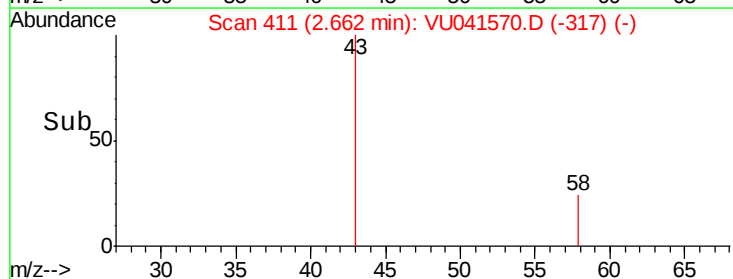
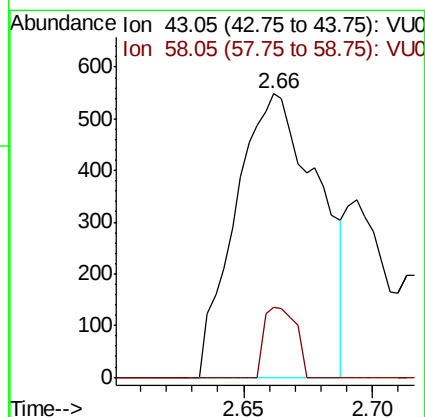
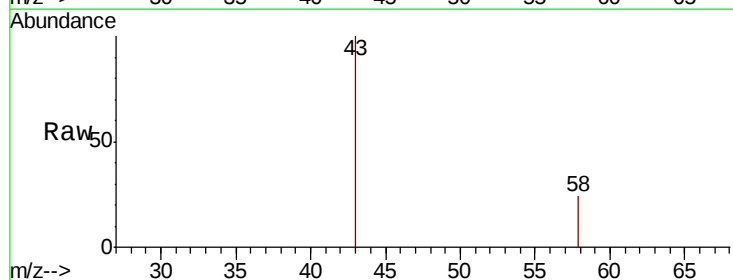
Instrument :
MSVOA_U
ClientSampleId :
GB1J3

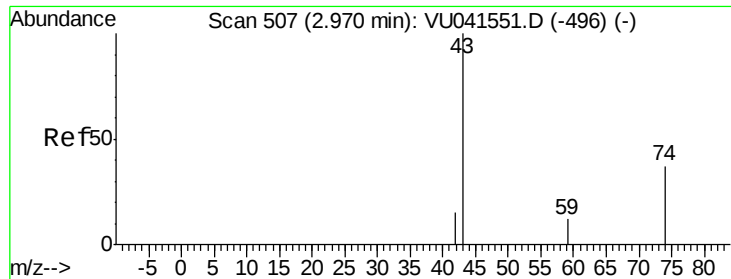
Tot Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 2.193 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 9.4 0.0 50.0

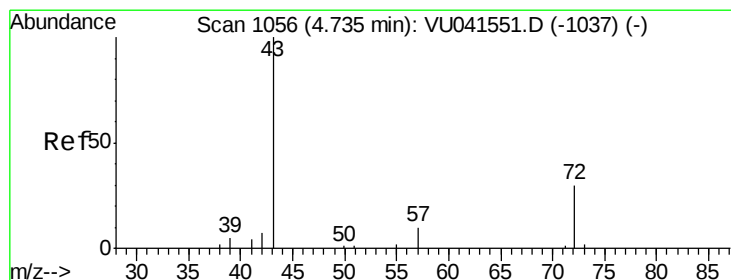
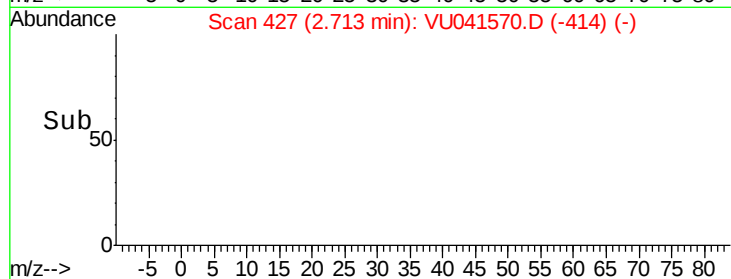
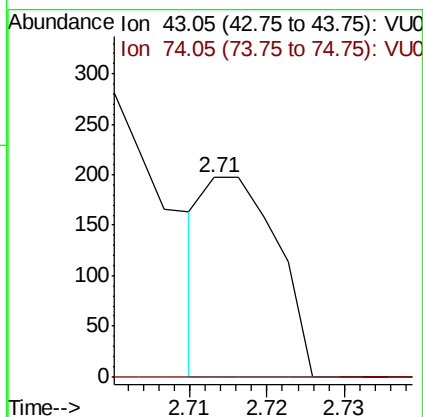
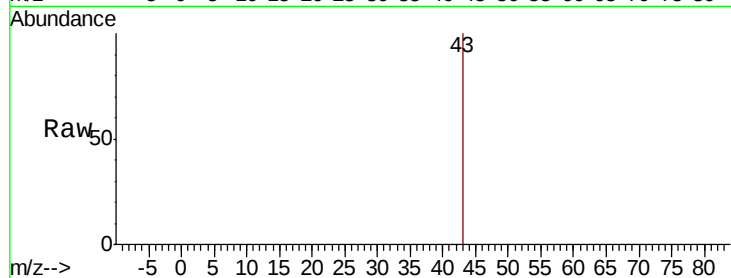




#15
Methyl Acetate
Concen: 0.125 ug/L
RT: 2.71 min Scan# 427
Delta R.T. -0.26 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

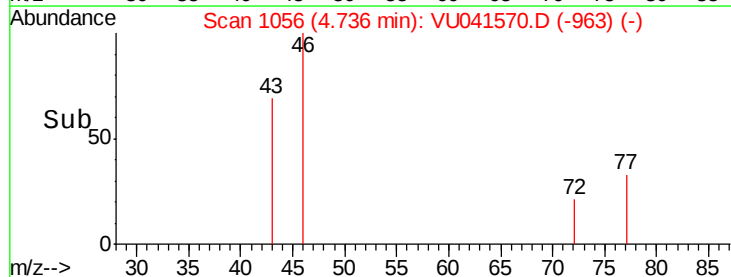
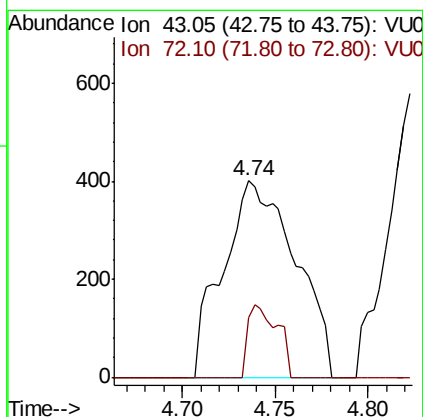
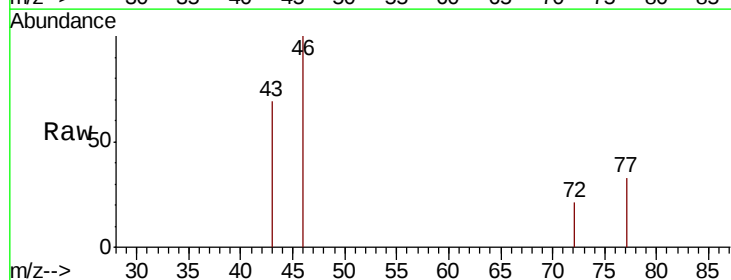
Instrument :
MSVOA_U
ClientSampled :
GB1J3

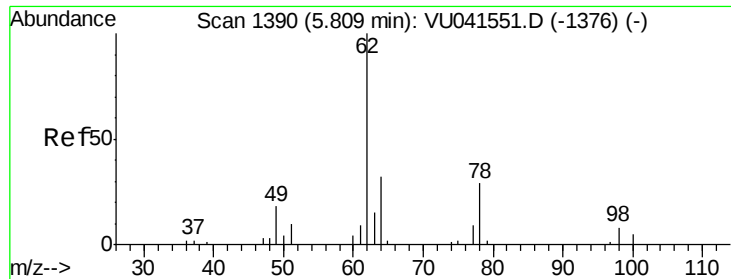
Tot Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#21
2-Butanone
Concen: 1.552 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
72 14.8 15.7 47.1#

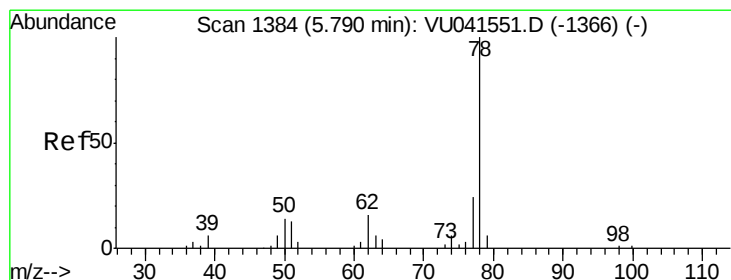
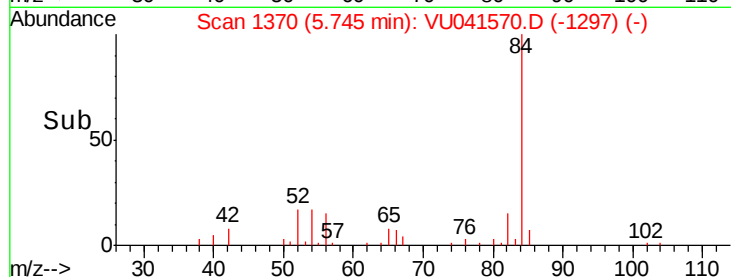
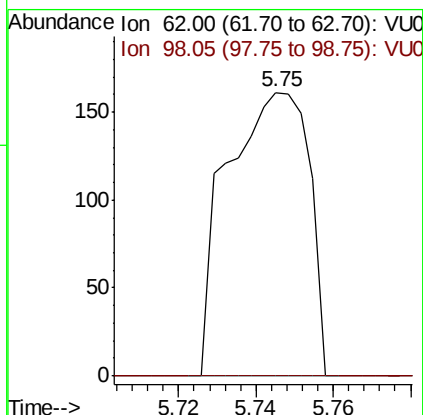
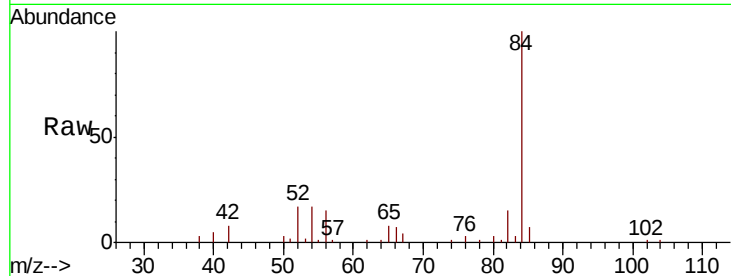




#27
 1,2-Dichloroethane
 Concen: 0.058 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041570.D
 Acq: 11 Dec 2020 05:21

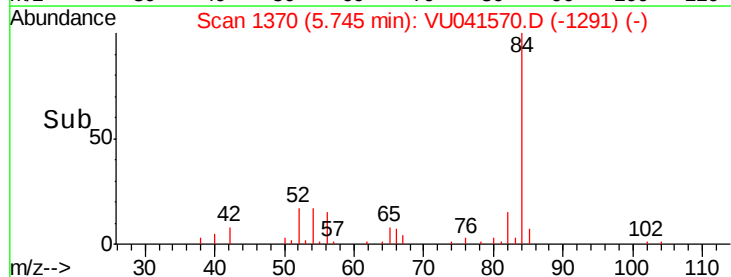
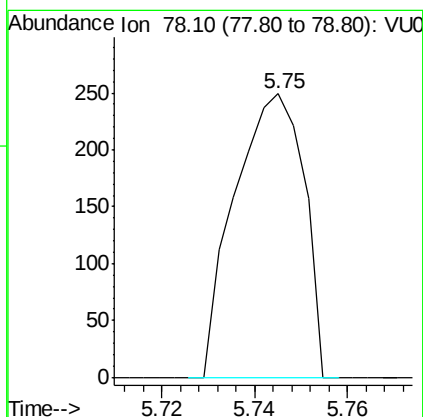
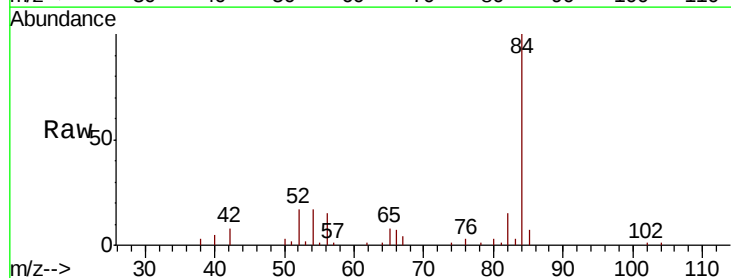
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J3

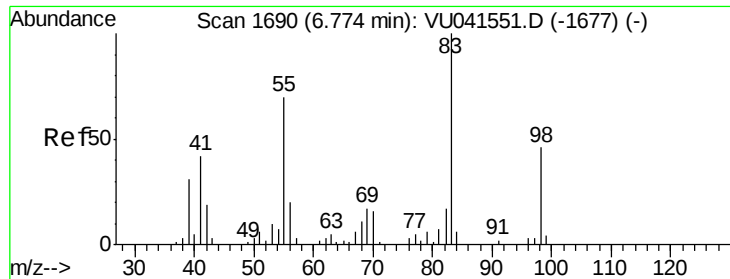
Tot Ion: 62 Resp: 237
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#33
 Benzene
 Concen: 0.030 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041570.D
 Acq: 11 Dec 2020 05:21

Tgt Ion: 78 Resp: 257

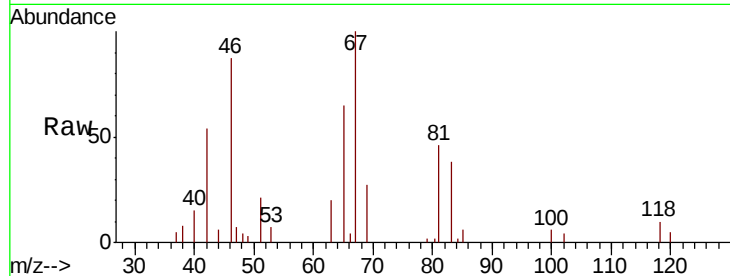




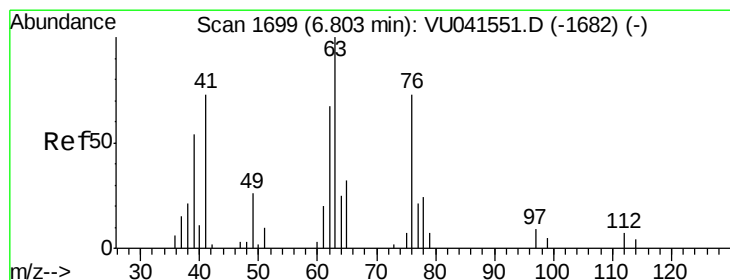
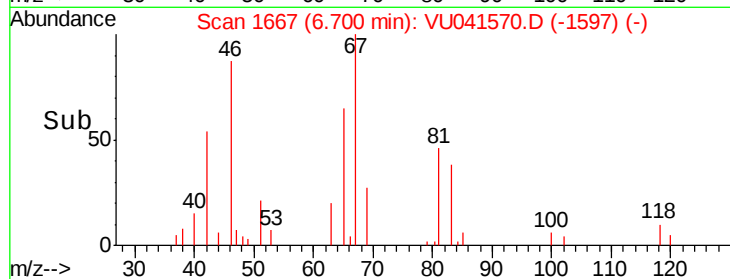
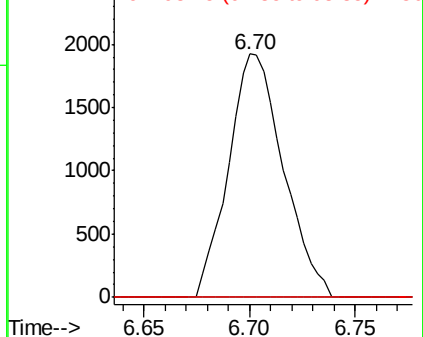
#35
Methvlcvclohexane
Concen: 0.978 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

Instrument :
MSVOA_U
ClientSampleId :
GB1J3

Tot Ion: 83 Resp: 3473
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

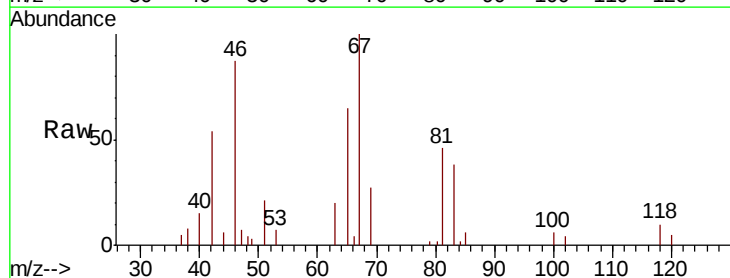


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

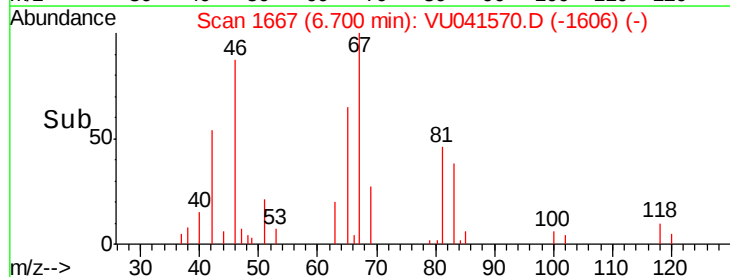
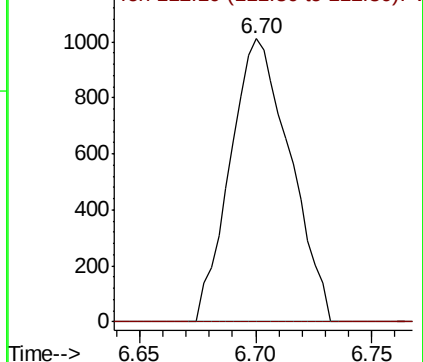


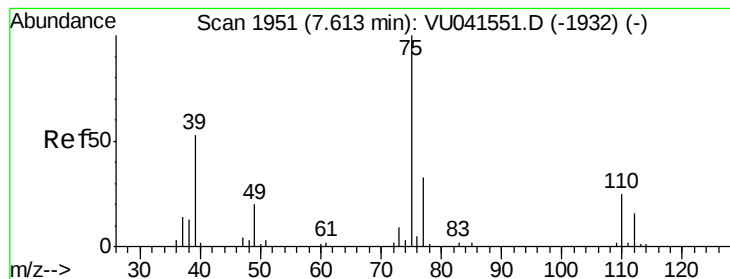
#37
1,2-Dichloropropane
Concen: 0.897 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041570.D
Acq: 11 Dec 2020 05:21

Tgt Ion: 63 Resp: 1814
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU041570.D

Acq: 11 Dec 2020 05:21

Instrument :

MSVOA_U

ClientSampleId :

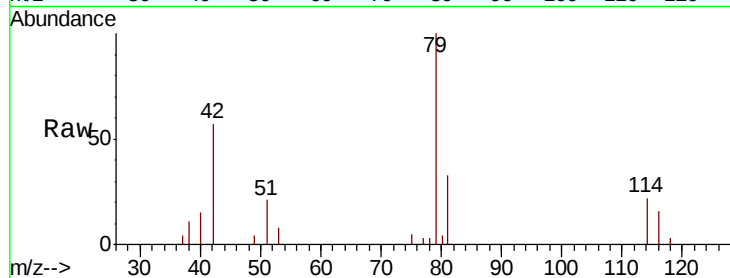
GB1J3

Tot Ion: 75 Resp: 411

Ion Ratio Lower Upper

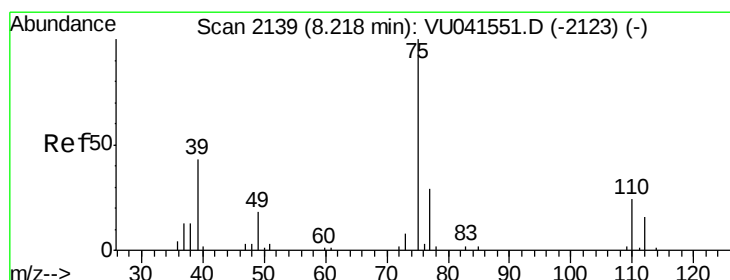
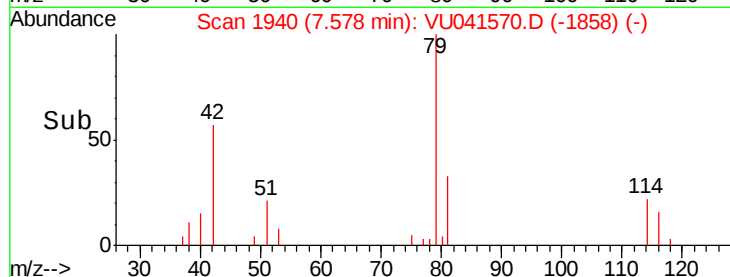
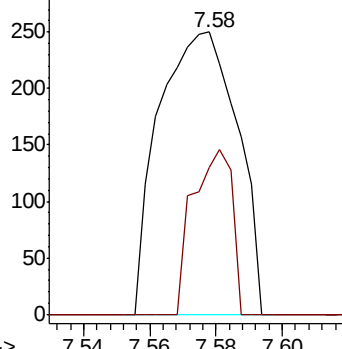
75 100

77 52.0 24.0 44.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU041570.D

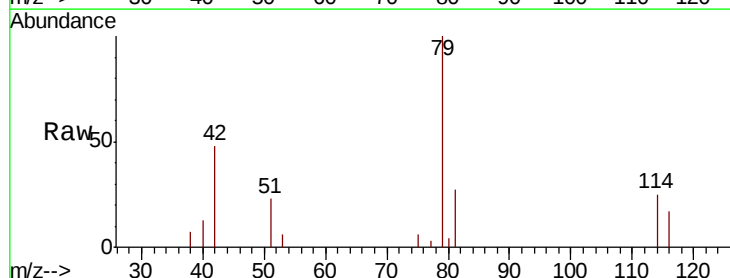
Acq: 11 Dec 2020 05:21

Tgt Ion: 75 Resp: 235

Ion Ratio Lower Upper

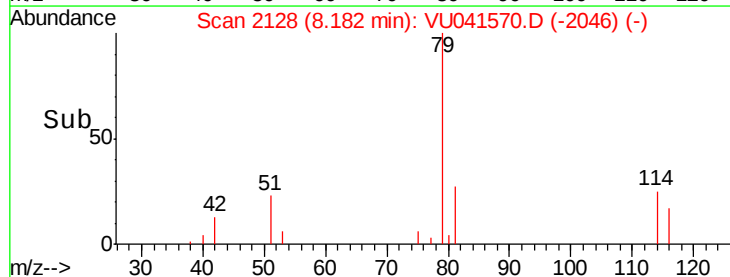
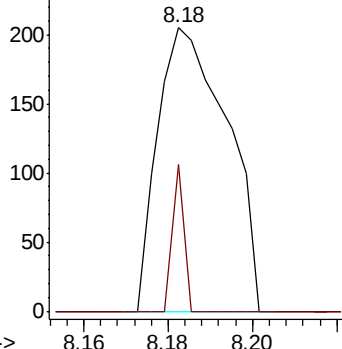
75 100

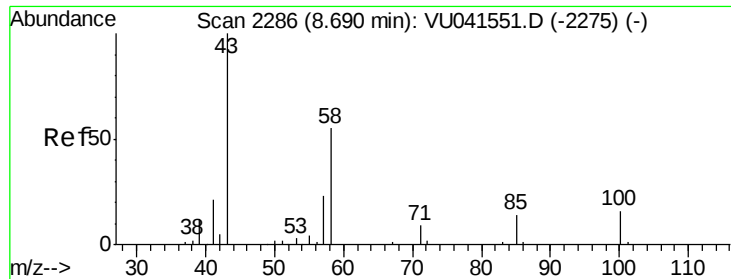
77 51.7 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

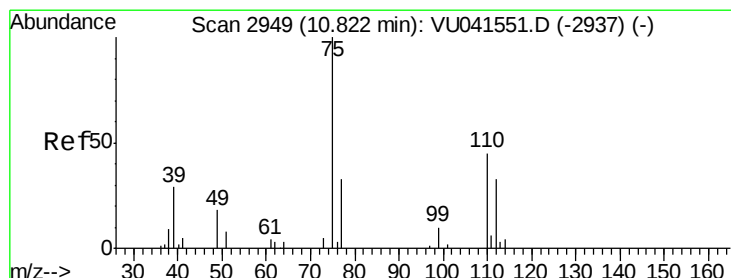
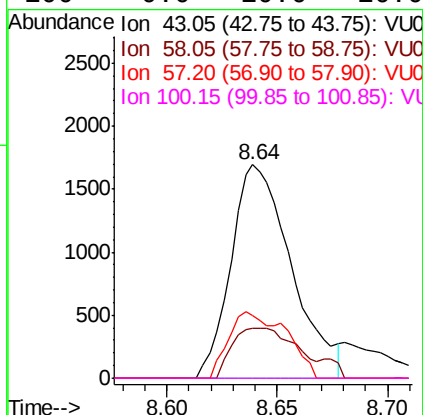
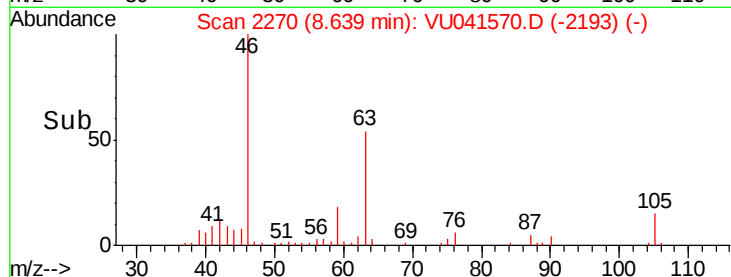
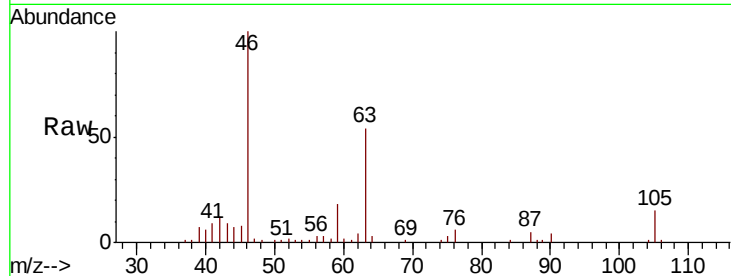




#48
 2-Hexanone
 Concen: 2.467 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU041570.D
 Acq: 11 Dec 2020 05:21

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J3

Tot Ion: 43 Resp: 3211
 Ion Ratio Lower Upper
 43 100
 58 24.8 41.4 62.0#
 57 29.6 17.1 25.7#
 100 0.0 10.6 16.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.810 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU041570.D
 Acq: 11 Dec 2020 05:21

Tgt Ion: 75 Resp: 1588
 Ion Ratio Lower Upper
 75 100
 77 46.3 26.3 39.5#

