

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110520\
 Data File : VU041113.D
 Acq On : 05 Nov 2020 18:35
 Operator : SY/MD
 Sample : L4648-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 01:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 01:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16542	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.92	69	13824	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.58	63	23212	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.65	46	83132	59.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.02%
24) Chloroform-d	5.08	84	37860	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	24113	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.75	84	65232	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	23528	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	50093	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	9118	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	57432	53.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22944	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	21447	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

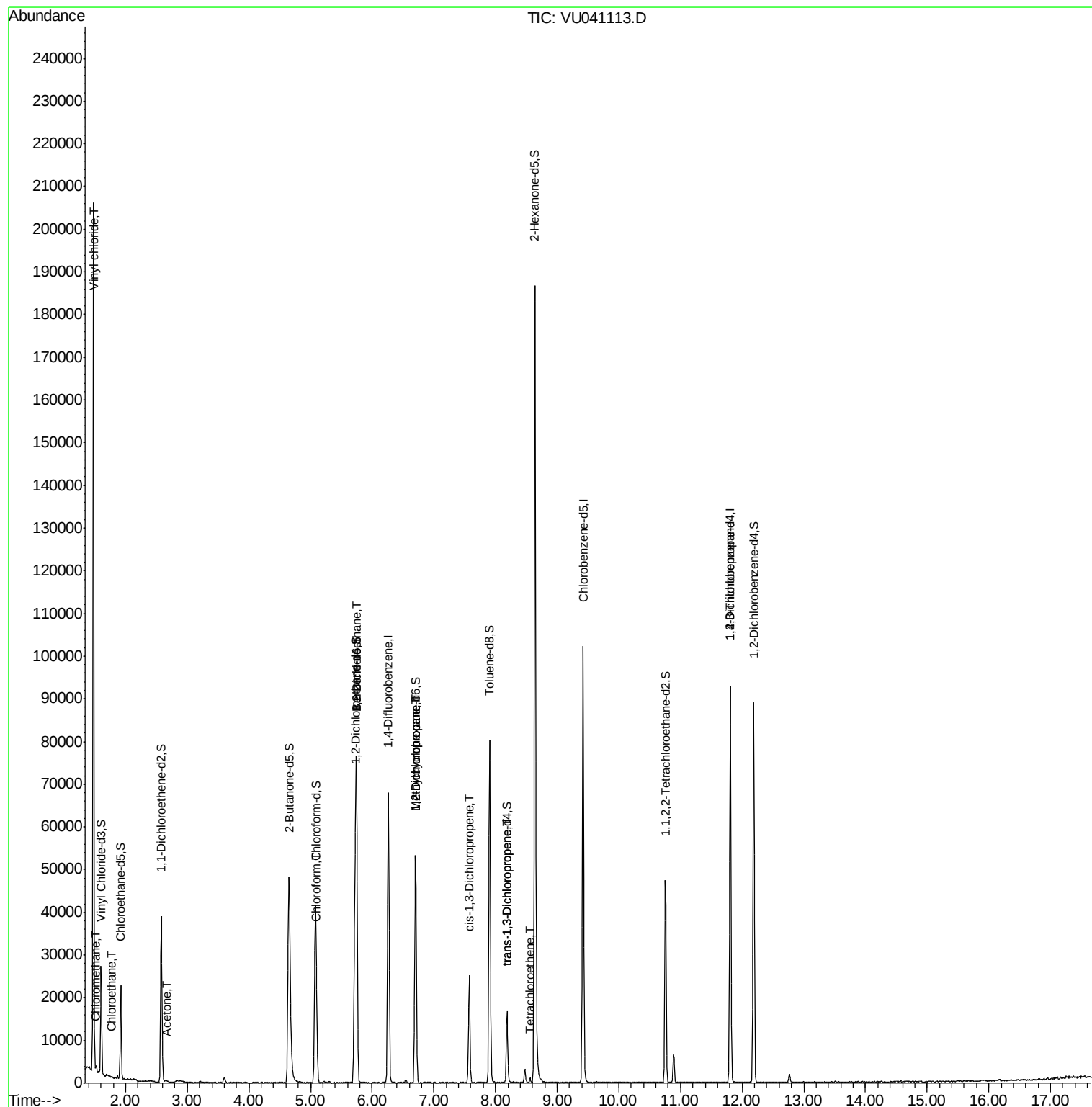
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	826	0.170	ug/L	94
5) Vinyl chloride	1.48	62	1728	0.361	ug/L #	42
8) Chloroethane	1.78	64	101	0.033	ug/L #	43
13) Acetone	2.66	43	902	0.937	ug/L	97
25) Chloroform	5.11	83	1861	0.254	ug/L	94
27) 1,2-Dichloroethane	5.74	62	273	0.050	ug/L #	74
35) Methylcyclohexane	6.70	83	5586	0.931	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2888	0.675	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	672	0.114	ug/L	85
44) trans-1,3-Dichloropropene	8.18	75	433	0.079	ug/L #	79
47) Tetrachloroethene	8.56	164	288	0.097	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	3051	0.957	ug/L	93

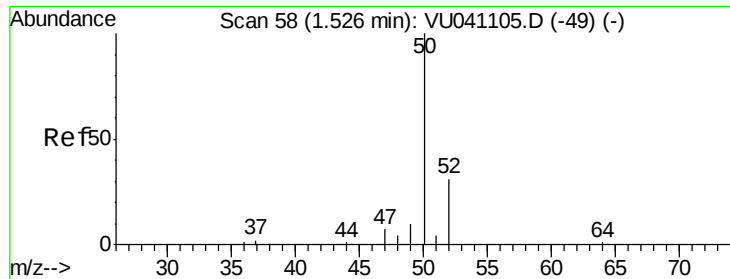
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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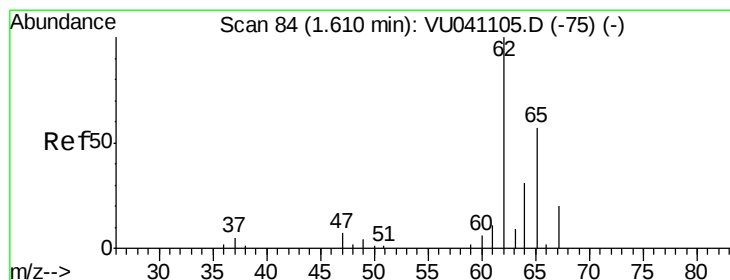
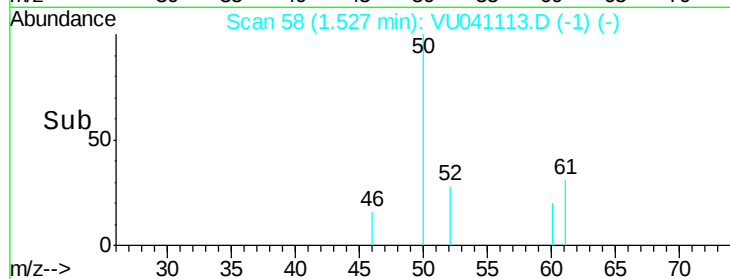
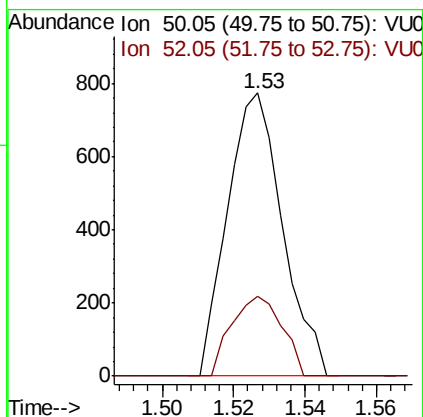
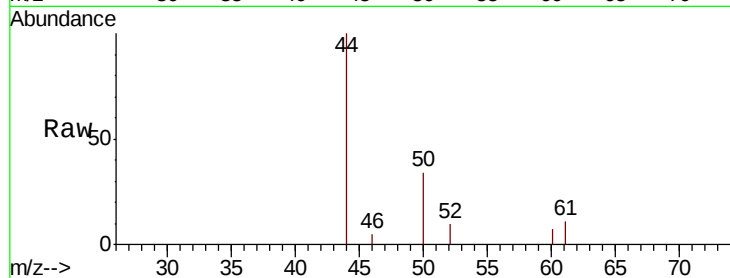




#3
 Chloromethane
 Concen: 0.170 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

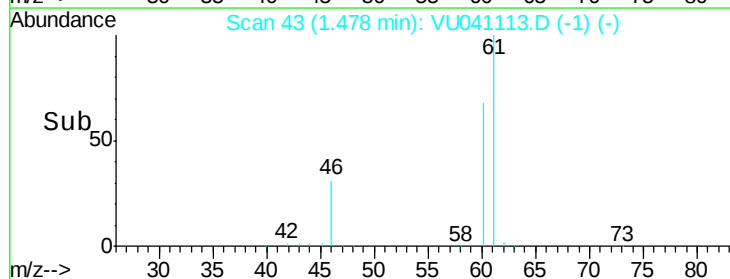
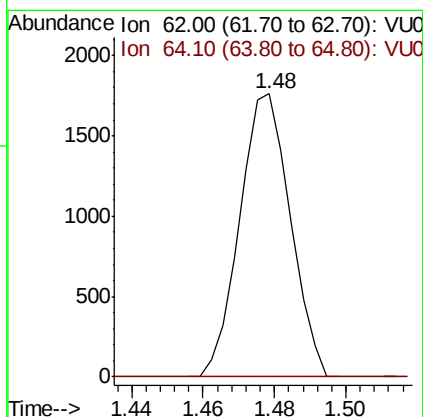
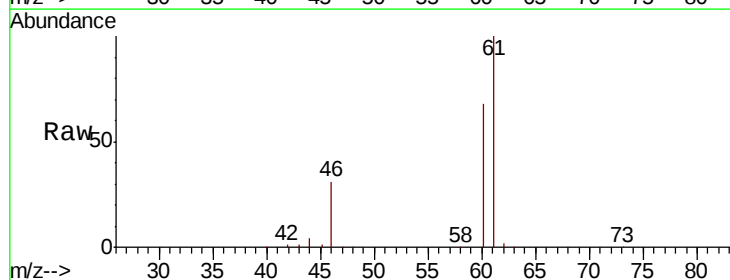
Instrument :
 MSVOA_U
 ClientSampleId :

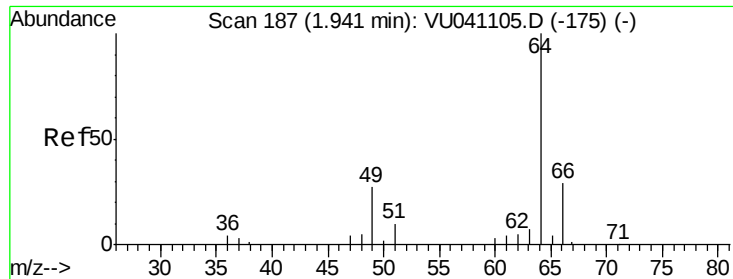
Tot Ion: 50 Resp: 826
 Ion Ratio Lower Upper
 50 100
 52 28.5 22.4 41.6



#5
 Vinyl chloride
 Concen: 0.361 ug/L
 RT: 1.48 min Scan# 43
 Delta R.T. -0.13 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

Tgt Ion: 62 Resp: 1728
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.7 42.3#

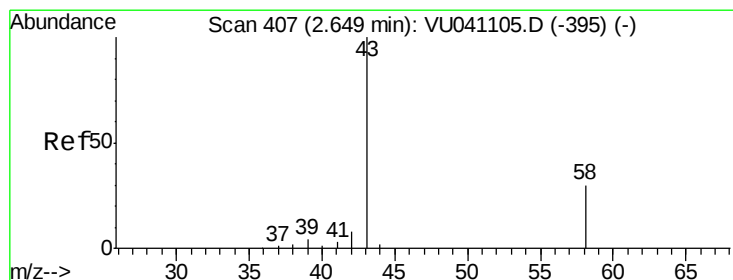
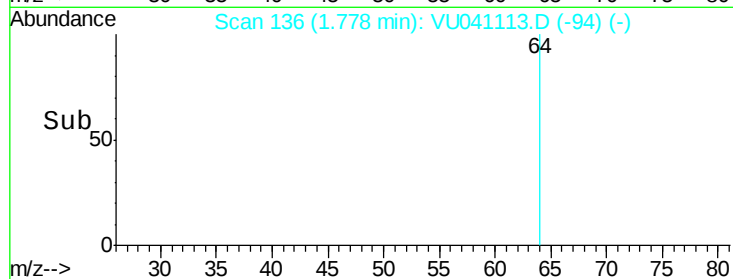
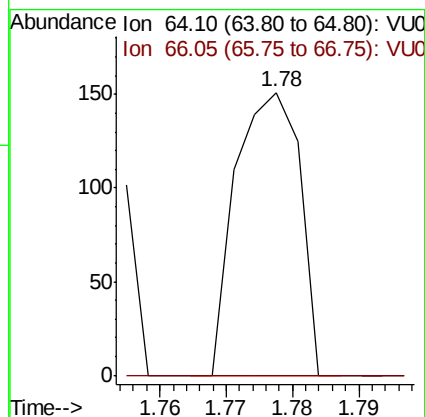
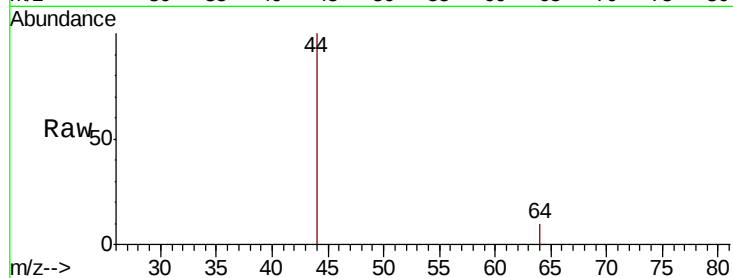




#8
 Chloroethane
 Concen: 0.033 ug/L
 RT: 1.78 min Scan# 136
 Delta R.T. -0.16 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

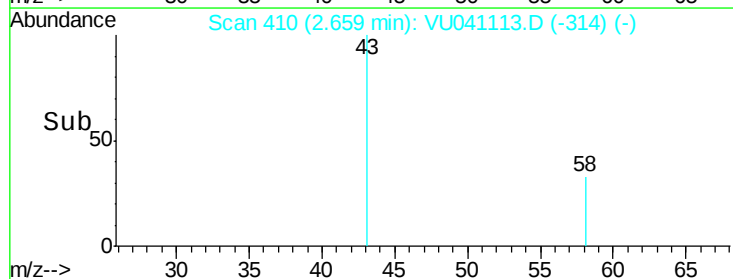
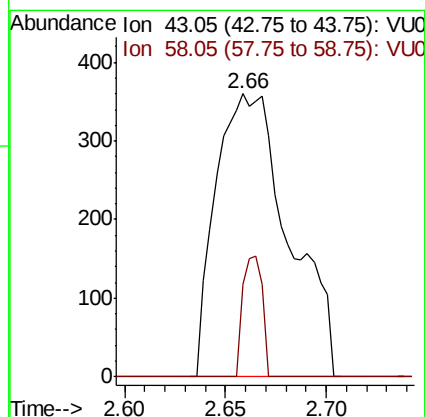
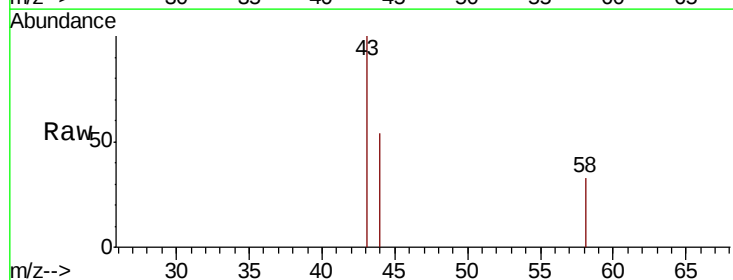
Instrument :
 MSVOA_U
 ClientSampleId :

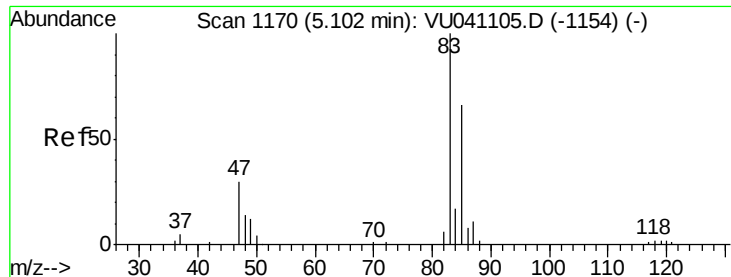
Tot Ion: 64 Resp: 101
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#13
 Acetone
 Concen: 0.937 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

Tgt Ion: 43 Resp: 902
 Ion Ratio Lower Upper
 43 100
 58 11.5 0.0 25.4

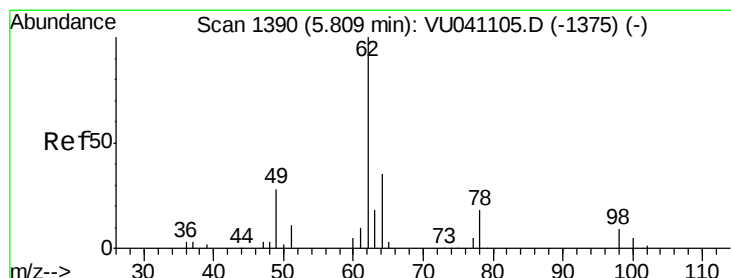
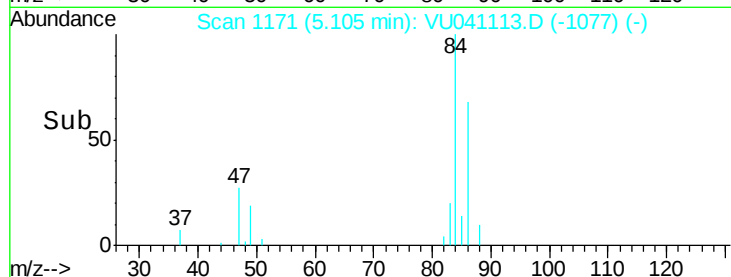
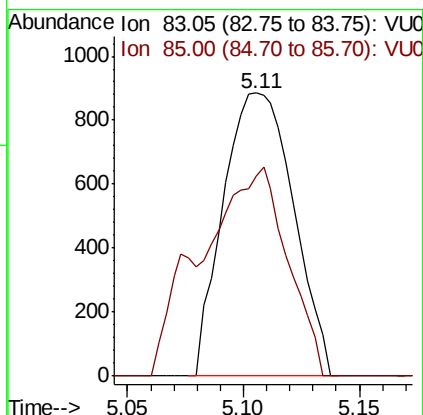
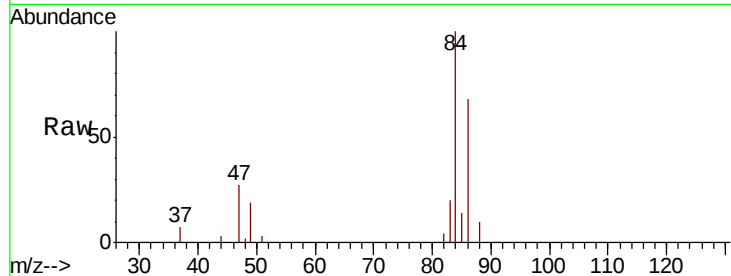




#25
Chloroform
Concen: 0.254 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041113.D
Acq: 05 Nov 2020 18:35

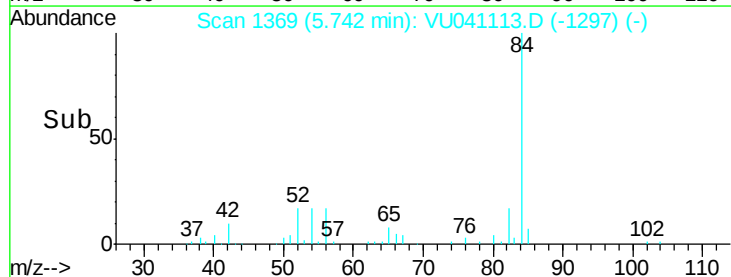
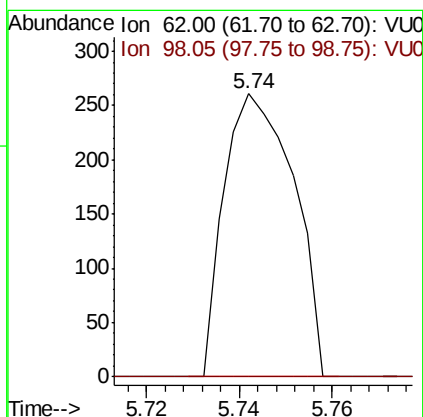
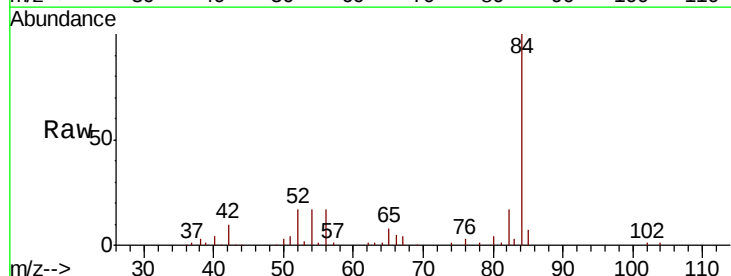
Instrument :
MSVOA_U
ClientSampled :

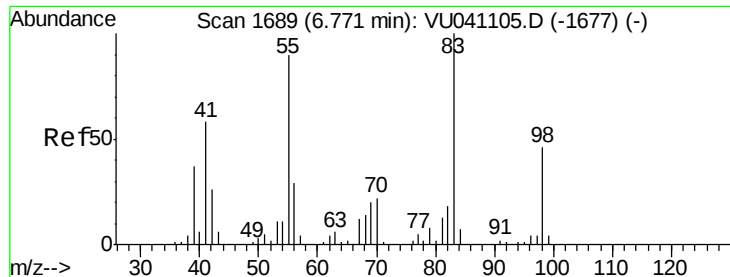
Tot Ion: 83 Resp: 1861
Ion Ratio Lower Upper
83 100
85 70.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.050 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041113.D
Acq: 05 Nov 2020 18:35

Tgt Ion: 62 Resp: 273
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

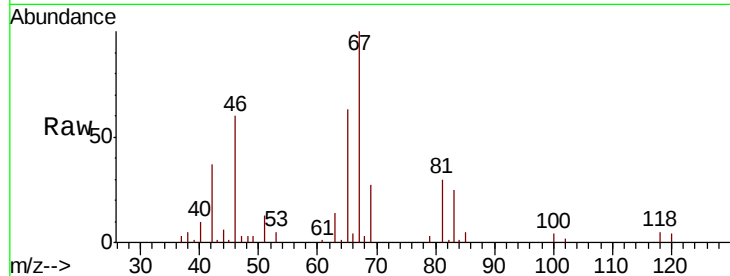




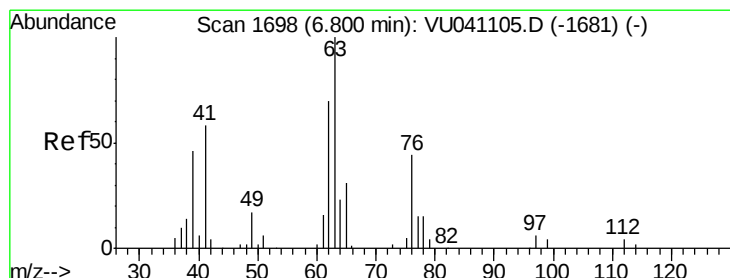
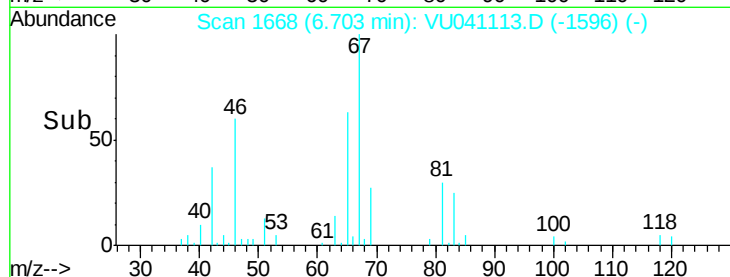
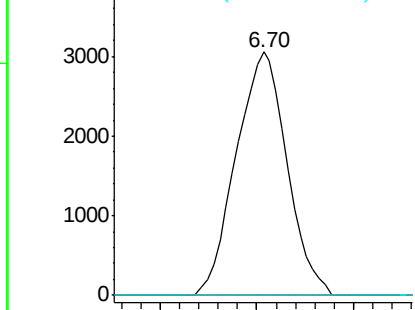
#35
Methvlcvclohexane
Concen: 0.931 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041113.D
Acq: 05 Nov 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5586
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

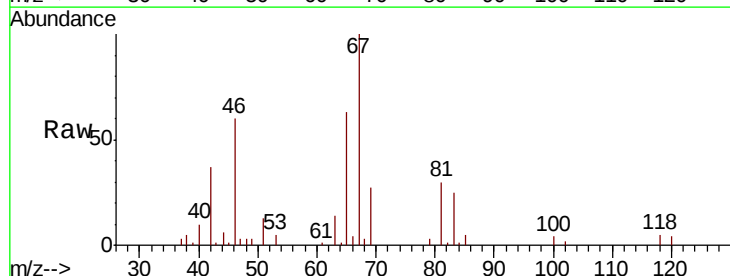


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

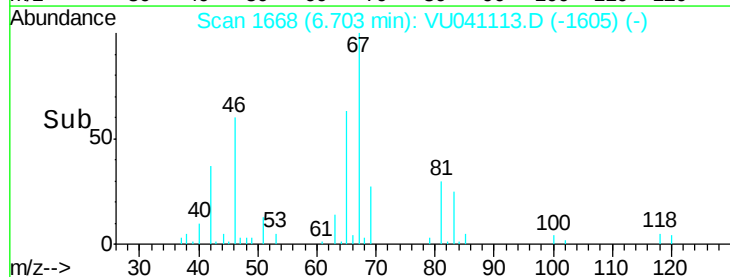
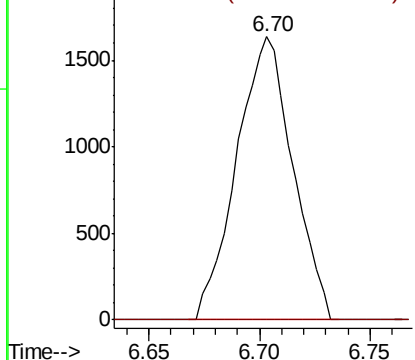


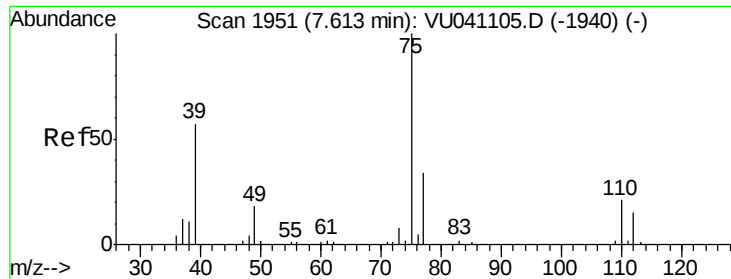
#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041113.D
Acq: 05 Nov 2020 18:35

Tgt Ion: 63 Resp: 2888
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

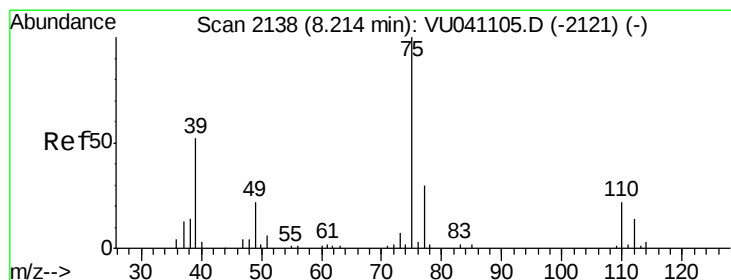
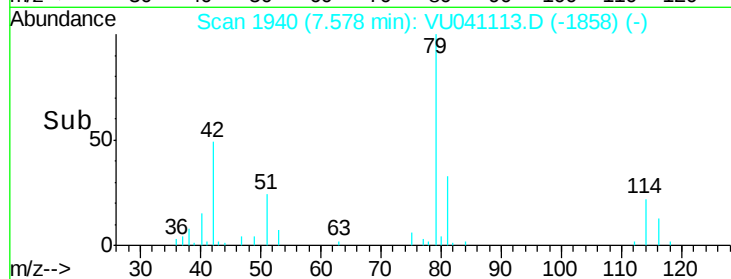
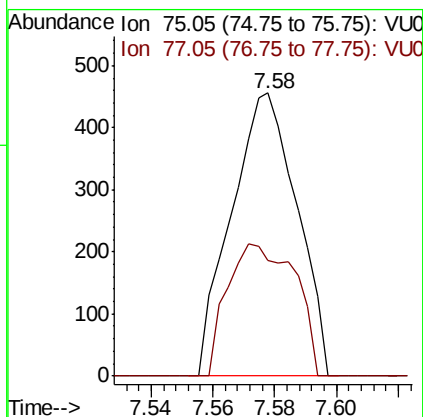
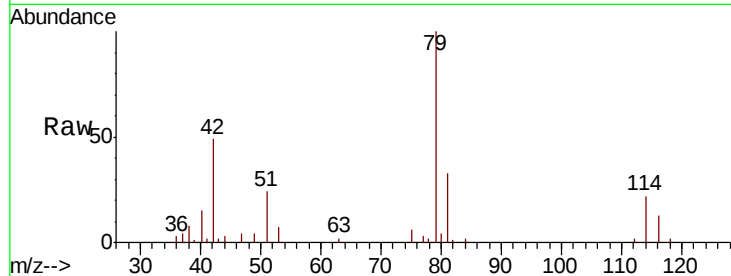




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

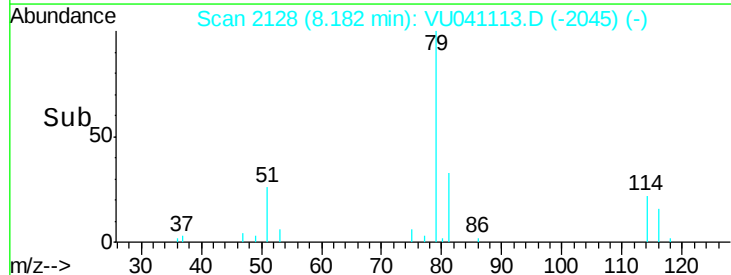
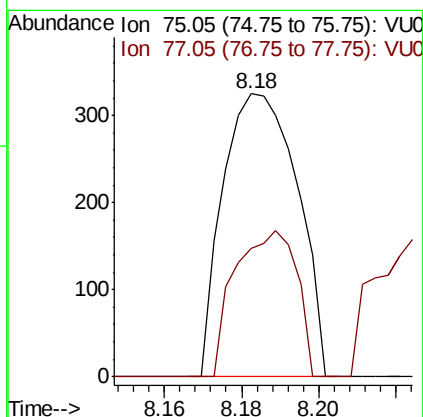
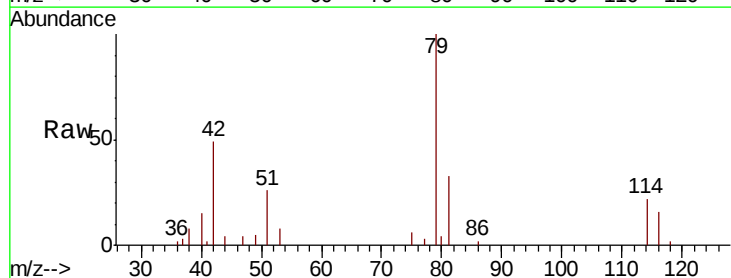
Instrument :
 MSVOA_U
 ClientSampleId :

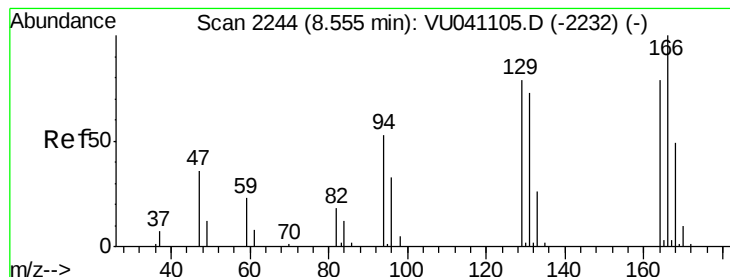
Tot Ion: 75 Resp: 672
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.7 42.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU041113.D
 Acq: 05 Nov 2020 18:35

Tgt Ion: 75 Resp: 433
 Ion Ratio Lower Upper
 75 100
 77 45.2 23.3 43.3#





#47

Tetrachloroethene

Concen: 0.097 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041113.D

Acq: 05 Nov 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 288

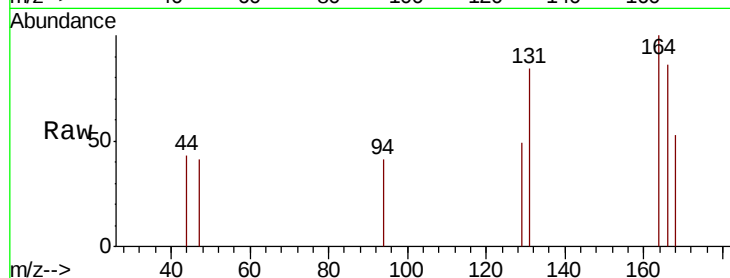
Ion Ratio Lower Upper

164 100

129 49.0 70.3 130.7#

131 84.4 70.8 131.4

166 85.6 92.0 170.8#



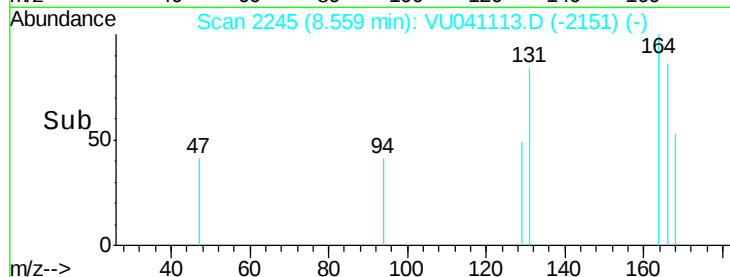
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

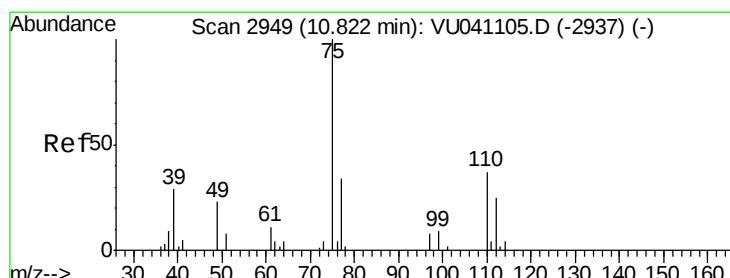
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.957 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041113.D

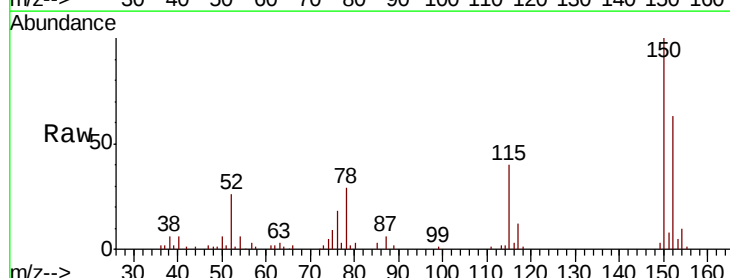
Acq: 05 Nov 2020 18:35

Tgt Ion: 75 Resp: 3051

Ion Ratio Lower Upper

75 100

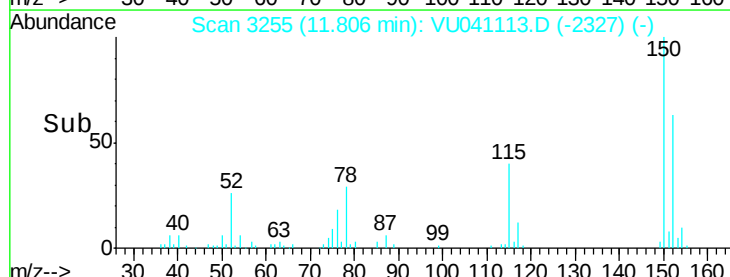
77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->



Time-->