

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040380.D
 Acq On : 29 Sep 2020 23:57
 Operator : SY/MD
 Sample : L4186-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F2

Quant Time: Sep 30 02:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29182	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	27718	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	46285	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.65	46	160234	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.08	84	73426	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	46106	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.75	84	126916	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	47704	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	97430	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	17609	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	110577	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44423	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45908	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

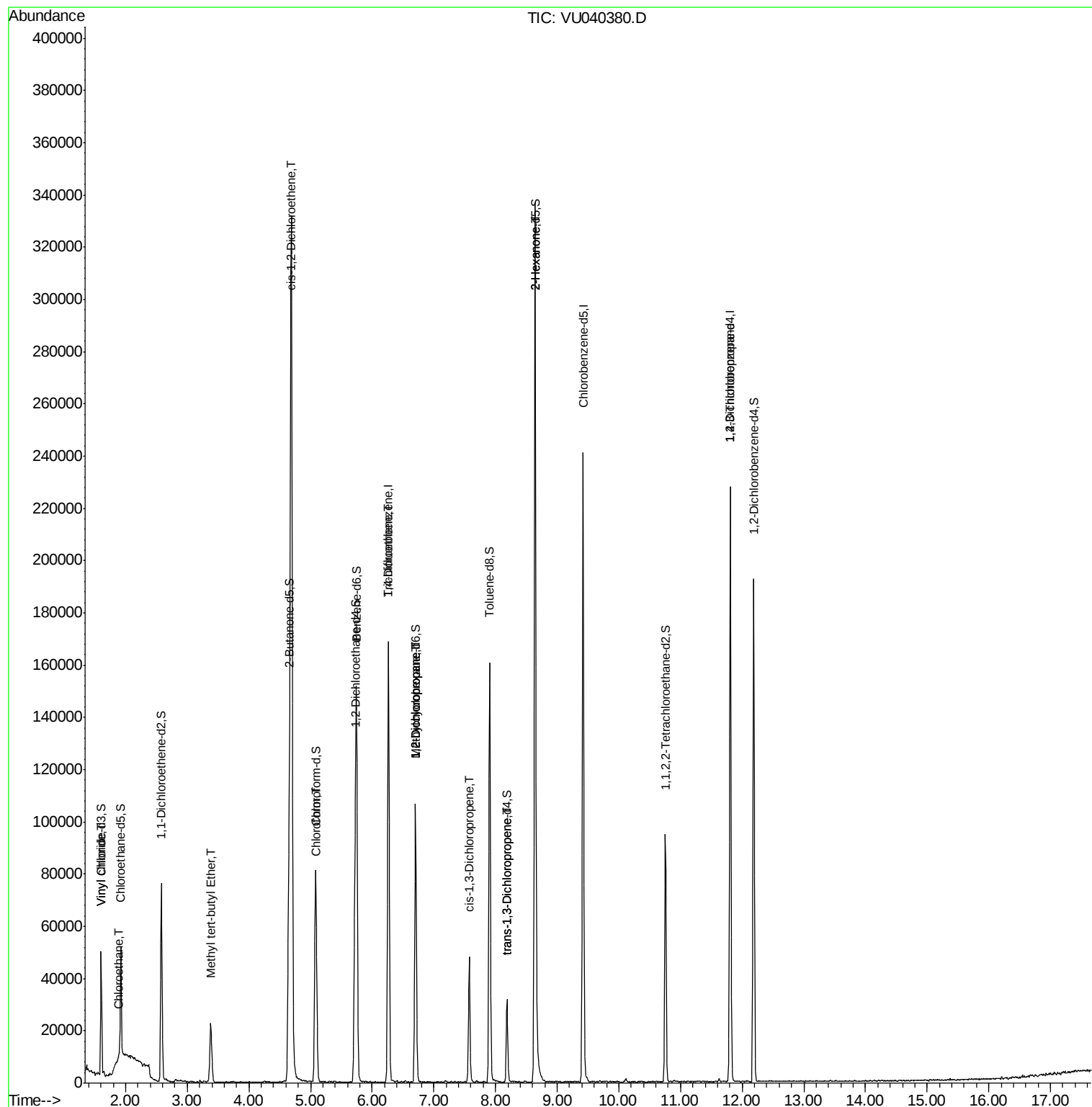
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	3374	0.282	ug/L #	76
8) Chloroethane	1.88	64	2368	0.334	ug/L #	53
17) Methyl tert-butyl Ether	3.38	73	22495	0.866	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	150848	13.990	ug/L	100
25) Chloroform	5.10	83	1434	0.070	ug/L	99
34) Trichloroethene	6.27	95	2316	0.211	ug/L #	8
35) Methylcyclohexane	6.71	83	10210	0.635	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5622	0.489	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1078	0.070	ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	866	0.061	ug/L #	56
48) 2-Hexanone	8.64	43	15845	2.389	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7453	0.895	ug/L	91

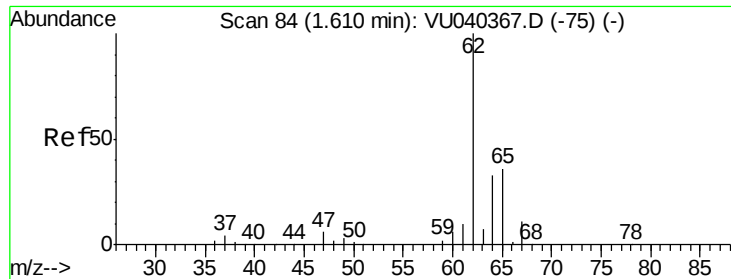
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092920\
Data File : VU040380.D
Acq On : 29 Sep 2020 23:57
Operator : SY/MD
Sample : L4186-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0F2

Quant Time: Sep 30 02:57:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.282 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040380.D

Acq: 29 Sep 2020 23:57

Instrument :

MSVOA_U

ClientSampleId :

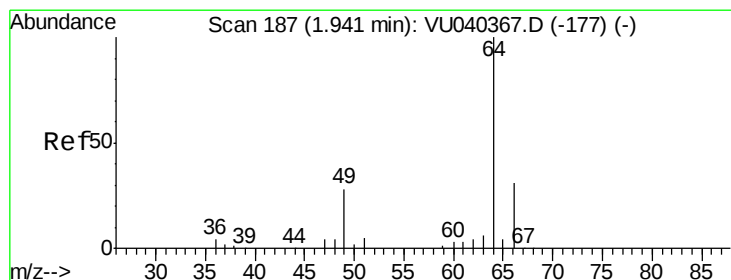
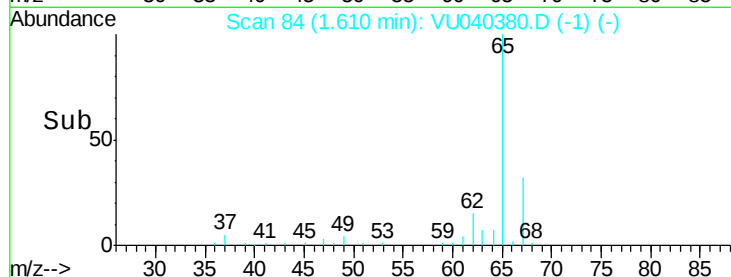
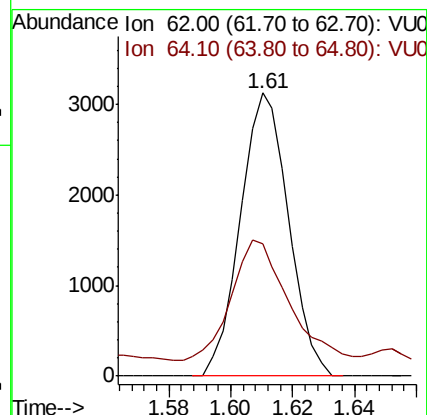
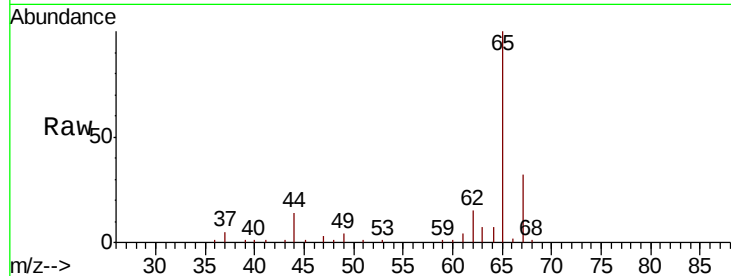
BG0F2

Tot Ion: 62 Resp: 3374

Ion Ratio Lower Upper

62 100

64 46.7 23.0 42.8#



#8

Chloroethane

Concen: 0.334 ug/L

RT: 1.88 min Scan# 168

Delta R.T. -0.06 min

Lab File: VU040380.D

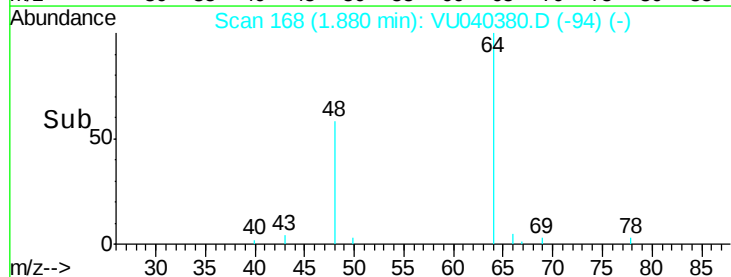
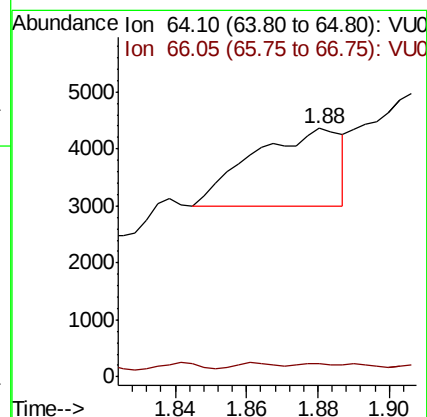
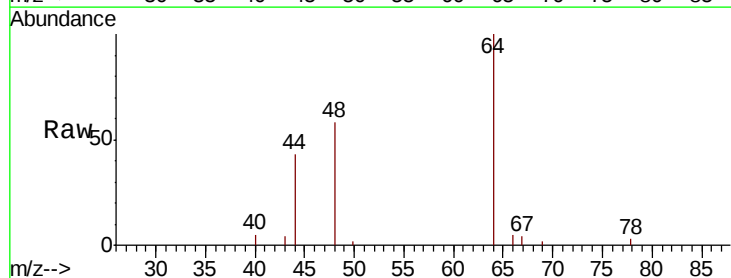
Acq: 29 Sep 2020 23:57

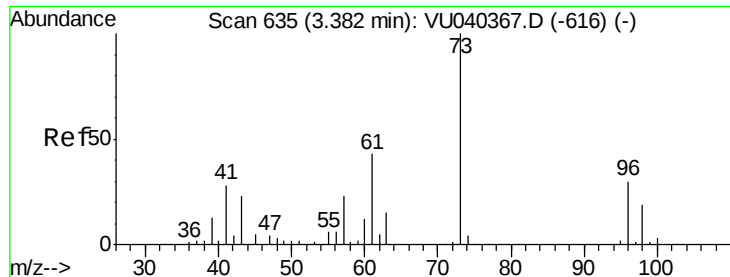
Tgt Ion: 64 Resp: 2368

Ion Ratio Lower Upper

64 100

66 5.1 21.3 39.6#

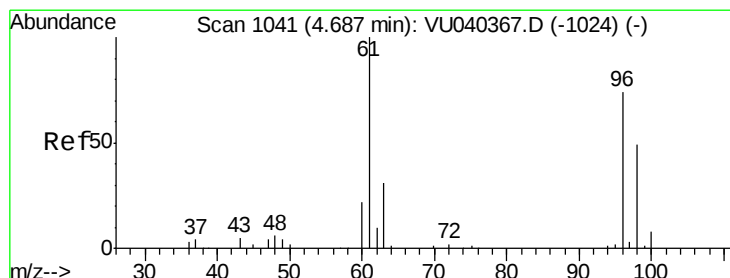
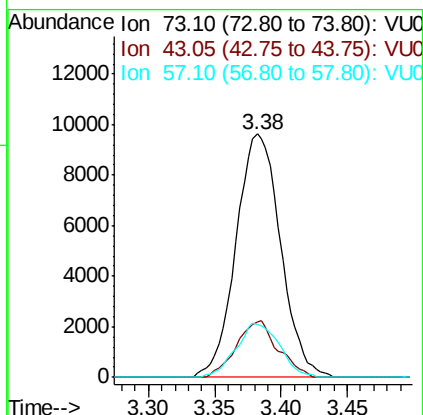
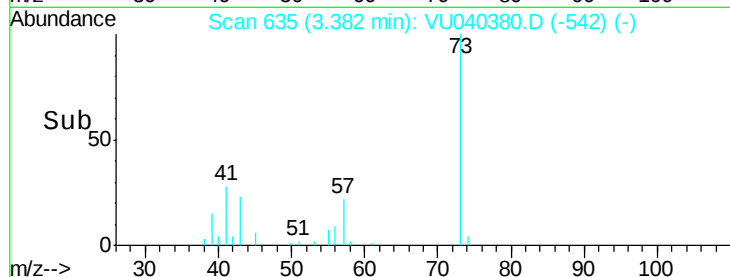
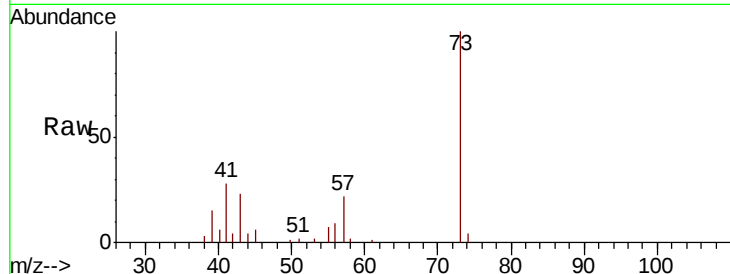




#17
Methvl tert-butvl Ether
Concen: 0.866 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

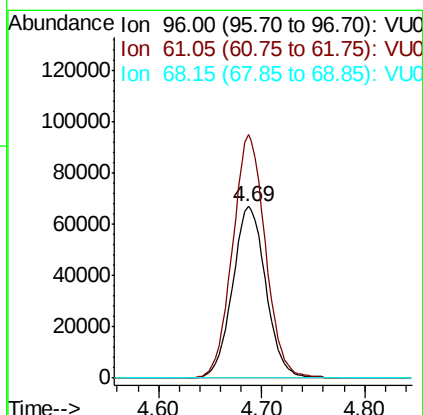
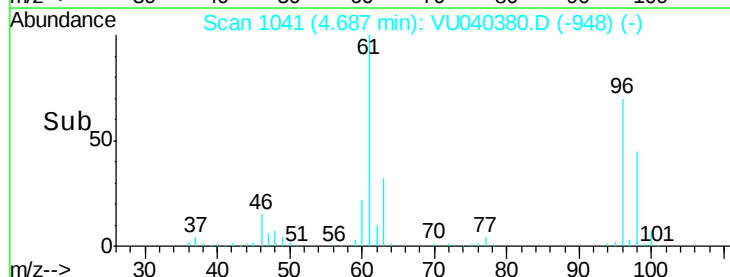
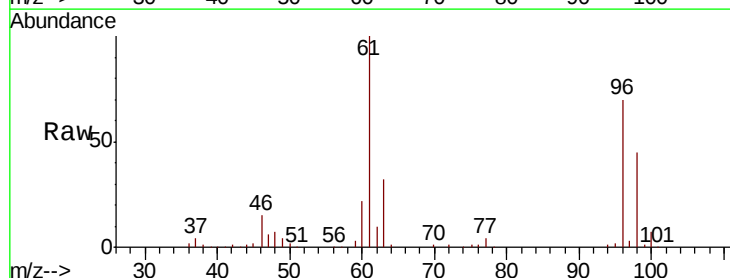
Instrument :
MSVOA_U
ClientSampleId :
BG0F2

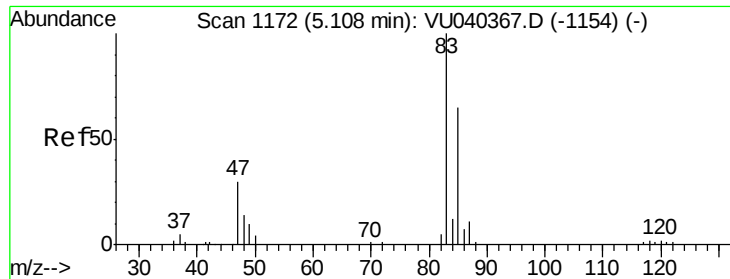
Tot Ion: 73 Resp: 22495
Ion Ratio Lower Upper
73 100
43 21.7 19.0 28.4
57 21.7 18.9 28.3



#22
cis-1,2-Dichloroethene
Concen: 13.990 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

Tgt Ion: 96 Resp: 150848
Ion Ratio Lower Upper
96 100
61 142.0 99.3 184.5
68 0.0 0.0 0.0

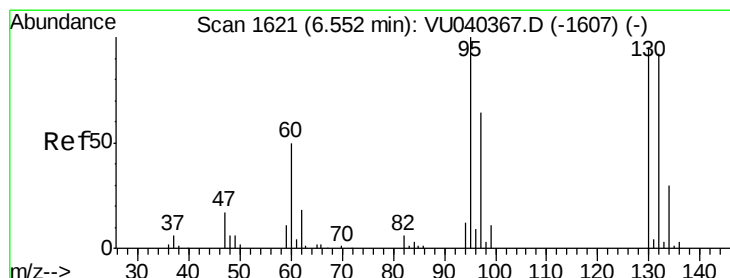
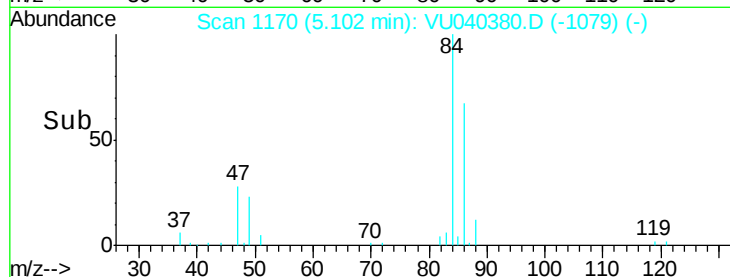
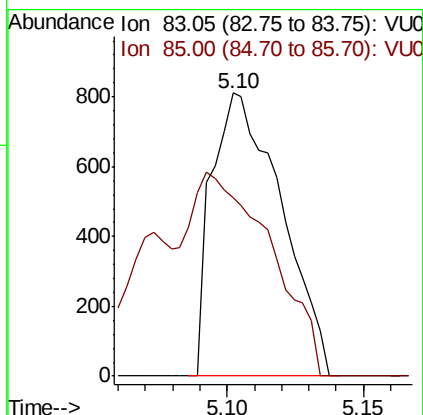
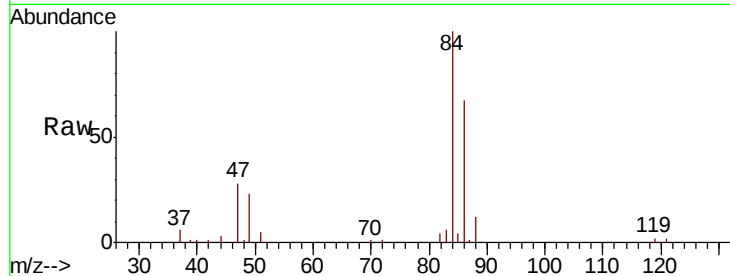




#25
Chloroform
Concen: 0.070 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

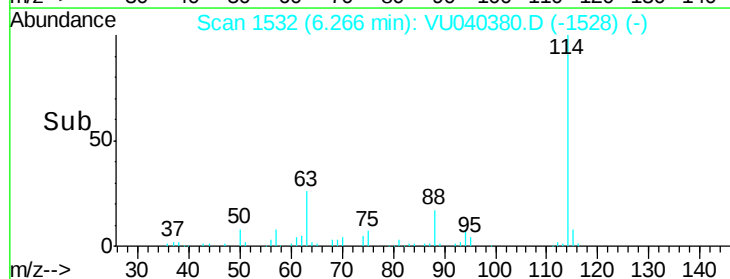
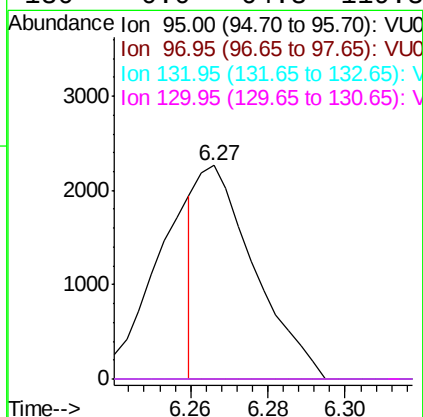
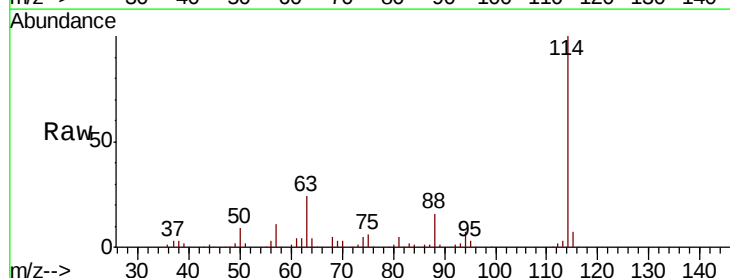
Instrument :
MSVOA_U
ClientSampled :
BG0F2

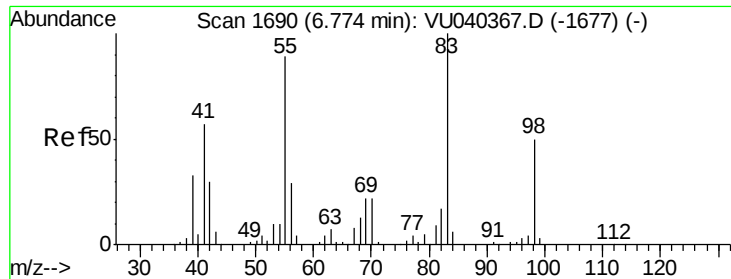
Tot Ion: 83 Resp: 1434
Ion Ratio Lower Upper
83 100
85 63.1 44.6 82.8



#34
Trichloroethene
Concen: 0.211 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

Tgt Ion: 95 Resp: 2316
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 60.5 112.3#
130 0.0 64.3 119.3#

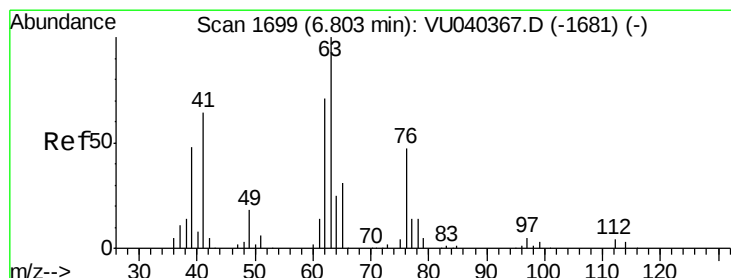
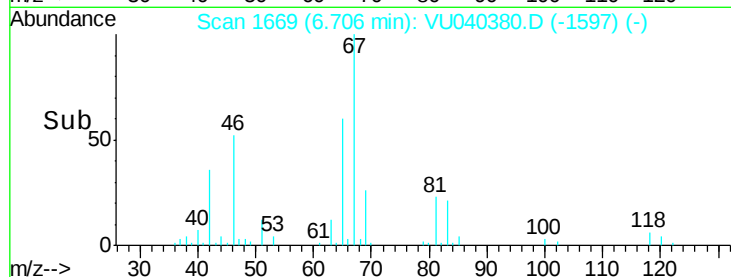
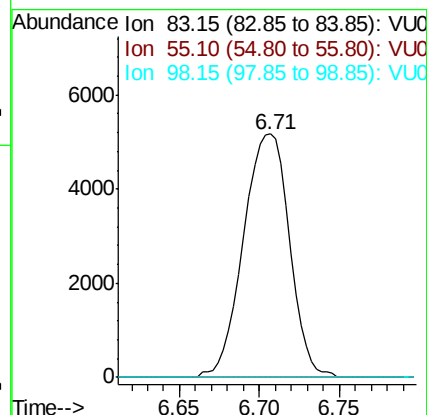
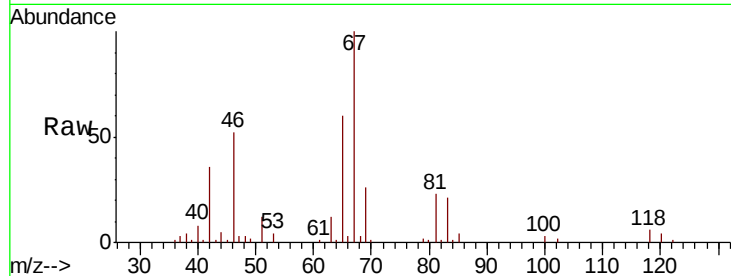




#35
Methvlcvclohexane
Concen: 0.635 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

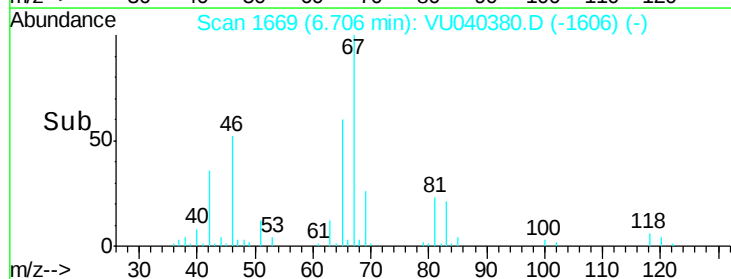
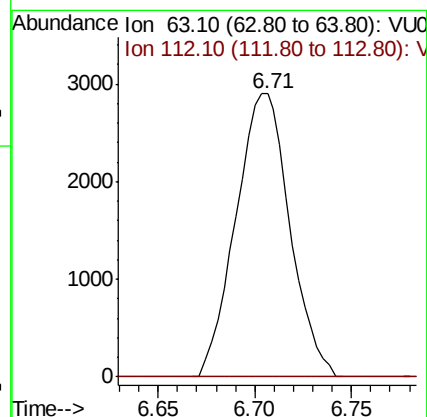
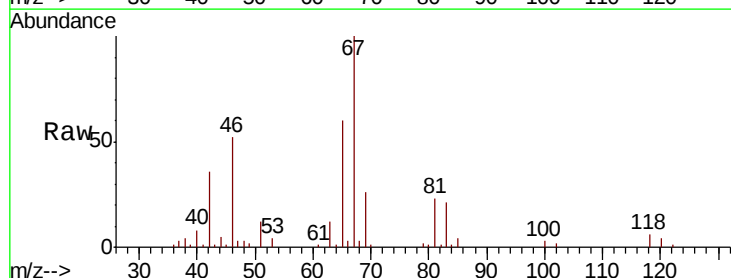
Instrument :
MSVOA_U
ClientSampled :
BG0F2

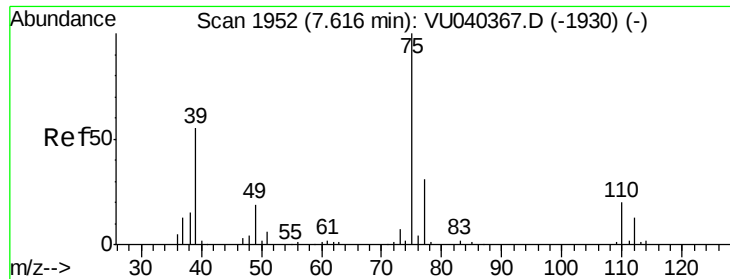
Tot Ion: 83 Resp: 10210
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.5 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040380.D
Acq: 29 Sep 2020 23:57

Tgt Ion: 63 Resp: 5622
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

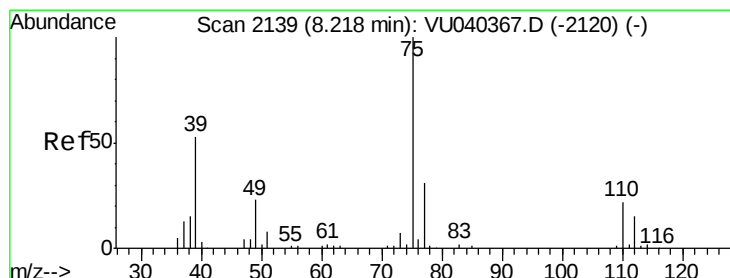
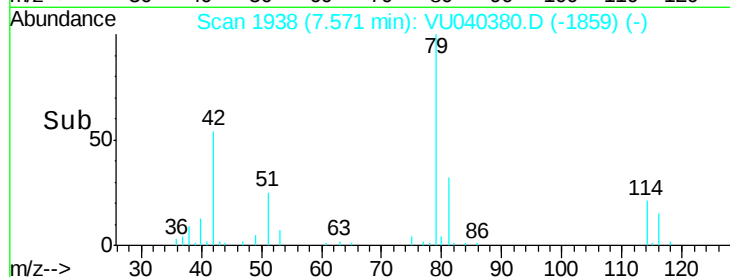
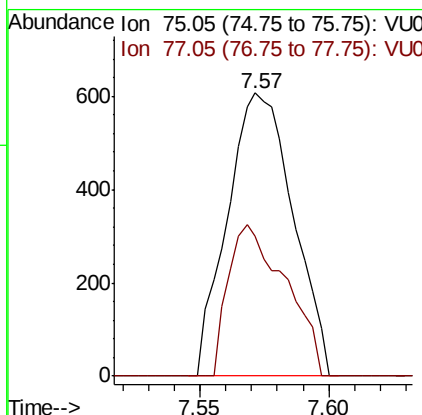
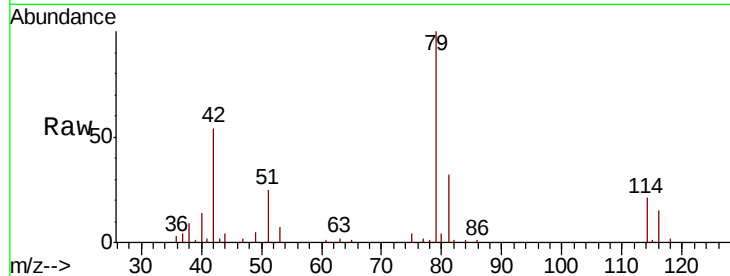




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040380.D
 Acq: 29 Sep 2020 23:57

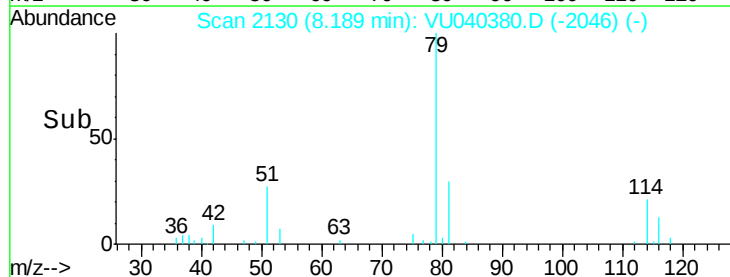
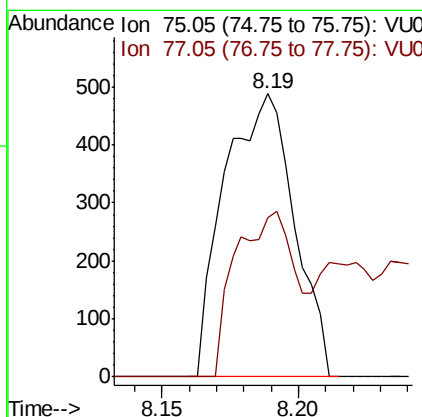
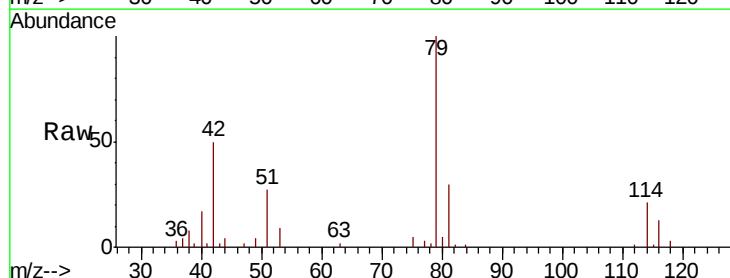
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F2

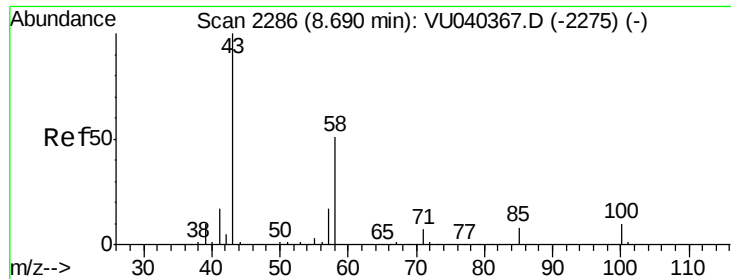
Tot Ion: 75 Resp: 1078
 Ion Ratio Lower Upper
 75 100
 77 49.3 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040380.D
 Acq: 29 Sep 2020 23:57

Tgt Ion: 75 Resp: 866
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.3 41.3#

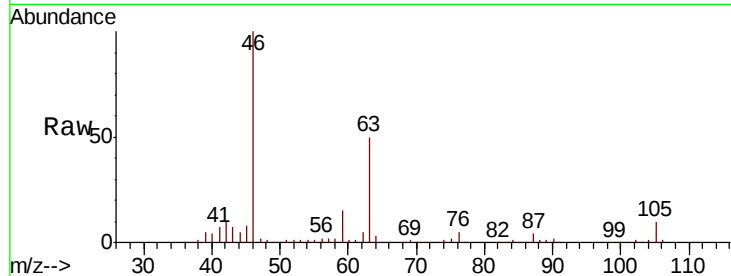




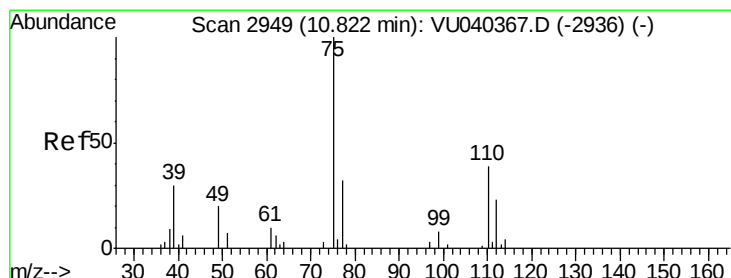
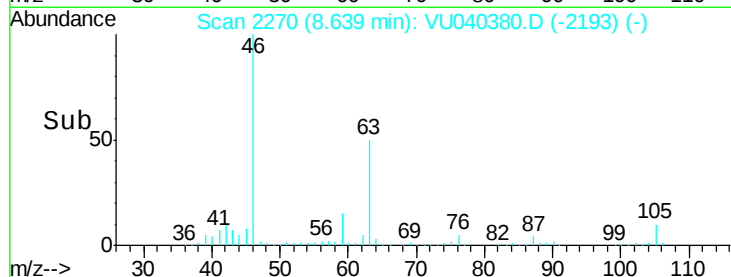
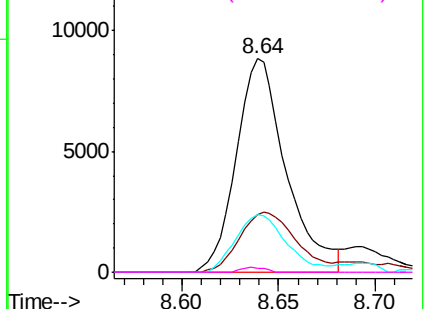
#48
 2-Hexanone
 Concen: 2.389 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040380.D
 Acq: 29 Sep 2020 23:57

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F2

Tot Ion:	43	Resp:	15845
Ion	Ratio	Lower	Upper
43	100		
58	31.8	41.0	61.4#
57	27.6	14.6	22.0#
100	1.1	8.2	12.4#

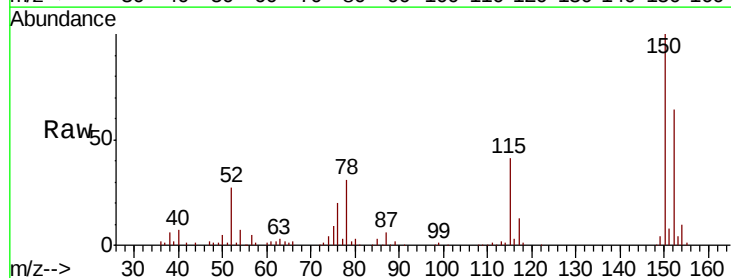


Abundance Ion 43.05 (42.75 to 43.75): VU040367.D (-2275) (-)
 Ion 58.05 (57.75 to 58.75): VU040367.D (-2275) (-)
 Ion 57.20 (56.90 to 57.90): VU040367.D (-2275) (-)
 Ion 100.15 (99.85 to 100.85): VU040367.D (-2275) (-)



#59
 1,2,3-Trichloropropane
 Concen: 0.895 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040380.D
 Acq: 29 Sep 2020 23:57

Tgt Ion:	75	Resp:	7453
Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040367.D (-2936) (-)
 Ion 77.00 (76.70 to 77.70): VU040367.D (-2936) (-)

