

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041715.D
 Acq On : 21 Dec 2020 22:55
 Operator : SY/MD
 Sample : L5162-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB250

Quant Time: Dec 22 06:03:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54783	5.00	ug/L	0.00

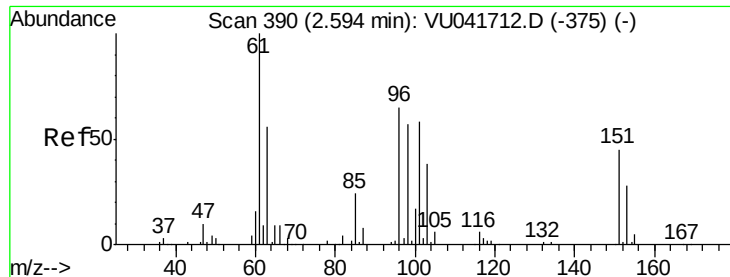
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36214	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.92	69	35988	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	54937	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	178057	60.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	5.08	84	85308	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	49561	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	163073	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	55064	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.90	98	133732	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	21810	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	148583	53.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53226	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49336	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
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	519	0.058	ug/L #	22
13) Acetone	2.66	43	1987	1.063	ug/L	84
21) 2-Butanone	4.73	43	2377	0.781	ug/L #	64
25) Chloroform	5.10	83	2278	0.132	ug/L #	64
31) Carbon tetrachloride	5.54	117	32115	2.566	ug/L	96
35) Methylcyclohexane	6.70	83	12365	0.755	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5648	0.548	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1279	0.084	ug/L #	46
44) trans-1,3-Dichloropropene	8.19	75	796	0.058	ug/L	86
48) 2-Hexanone	8.64	43	17371	3.254	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	7237	0.935	ug/L	90
63) 1,4-Dichlorobenzene	11.83	146	952	0.057	ug/L #	90

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.058 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041715.D

Acq: 21 Dec 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

GB250

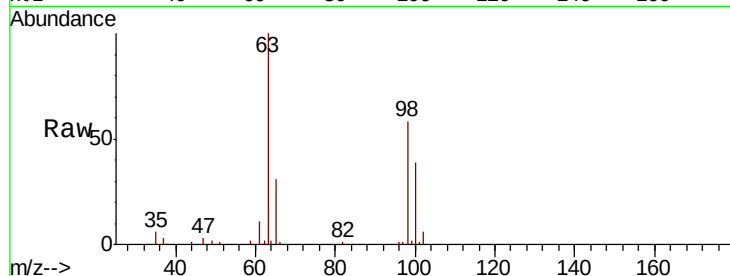
Tot Ion:101 Resp: 519

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.58

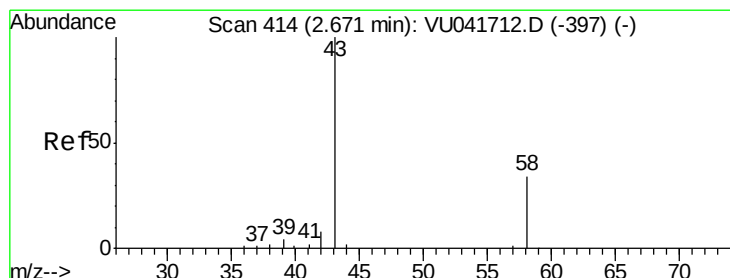
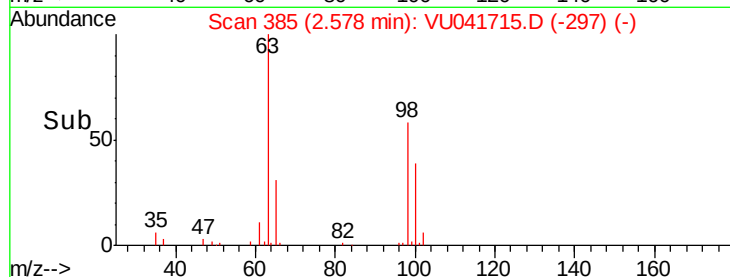
300

200

100

0

Time--> 2.54 2.56 2.58 2.60 2.62



#13

Acetone

Concen: 1.063 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU041715.D

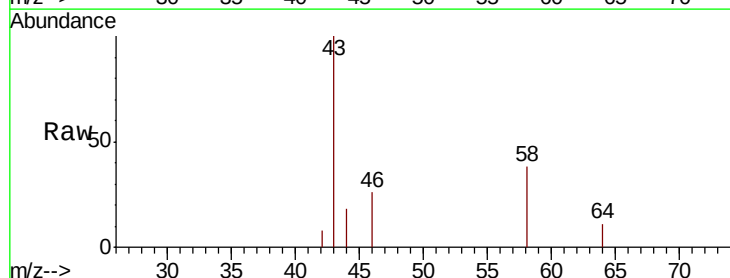
Acq: 21 Dec 2020 22:55

Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

58 27.3 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

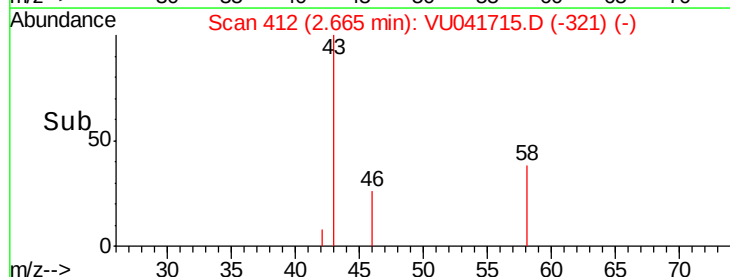
2.66

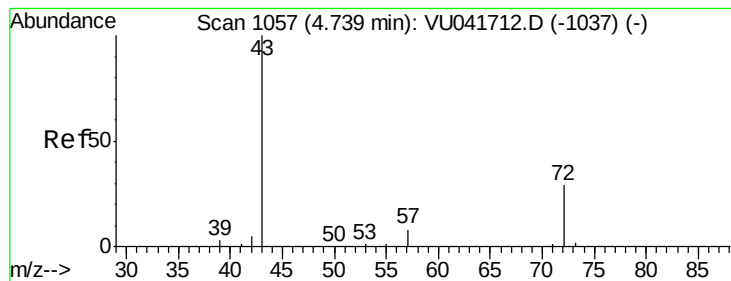
1000

500

0

Time--> 2.62 2.64 2.66 2.68





#21

2-Butanone

Concen: 0.781 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VU041715.D

Acq: 21 Dec 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

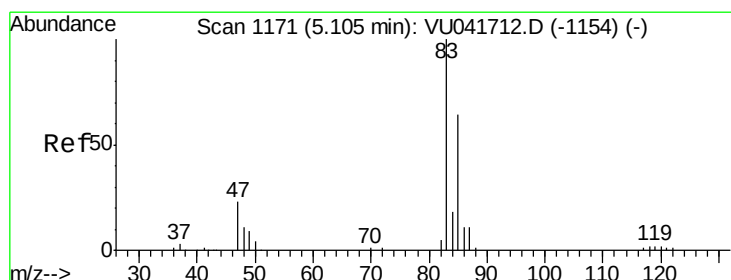
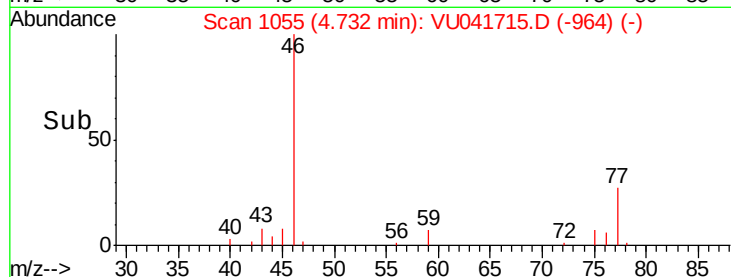
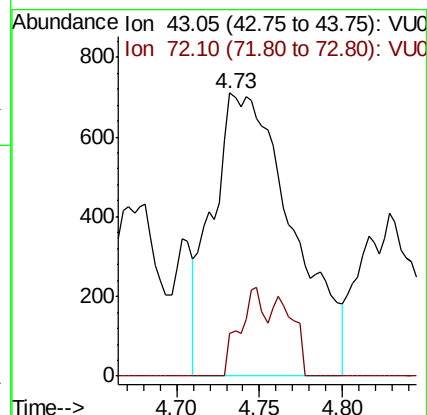
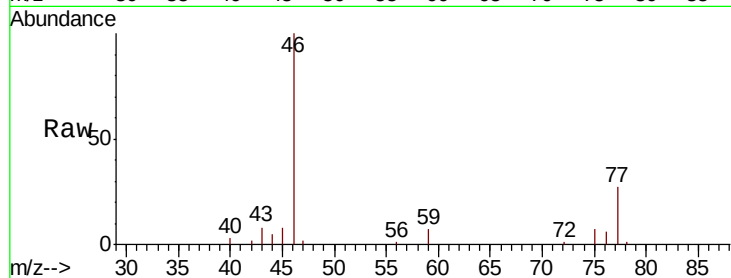
GB250

Tot Ion: 43 Resp: 2377

Ion Ratio Lower Upper

43 100

72 9.8 14.6 44.0#



#25

Chloroform

Concen: 0.132 ug/L

RT: 5.10 min Scan# 1169

Delta R.T. -0.01 min

Lab File: VU041715.D

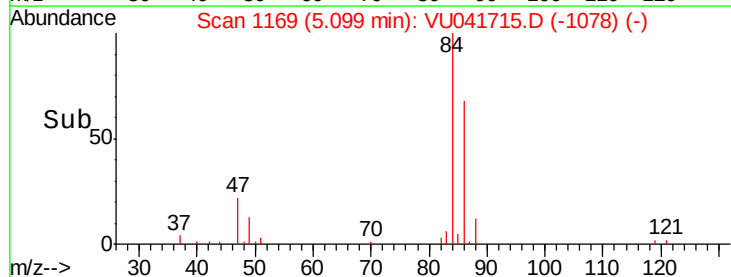
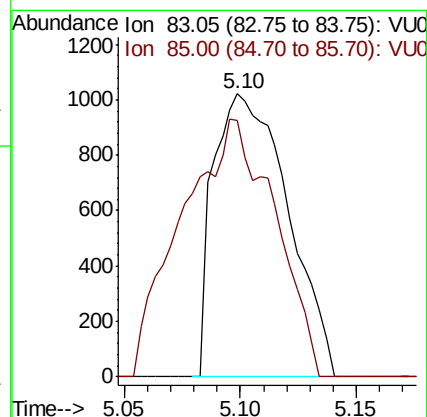
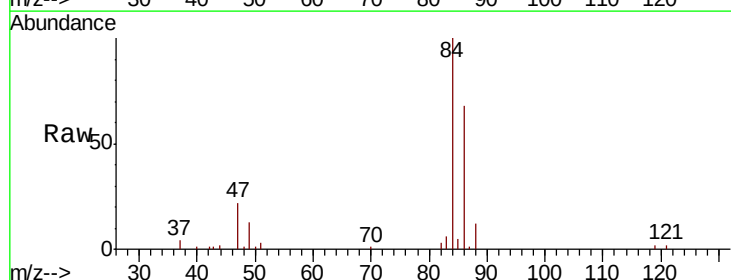
Acq: 21 Dec 2020 22:55

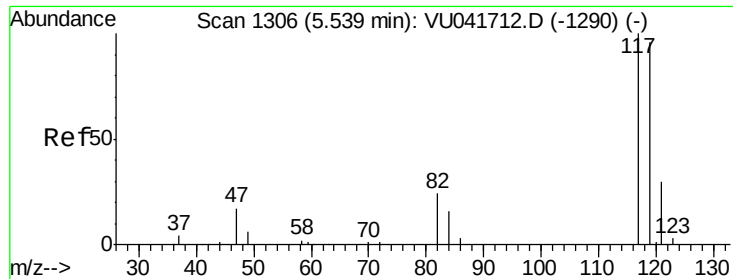
Tgt Ion: 83 Resp: 2278

Ion Ratio Lower Upper

83 100

85 90.8 44.2 82.0#

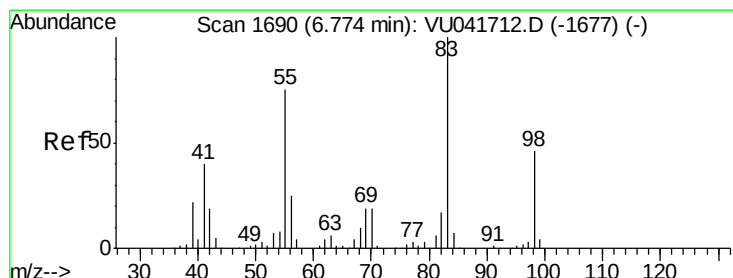
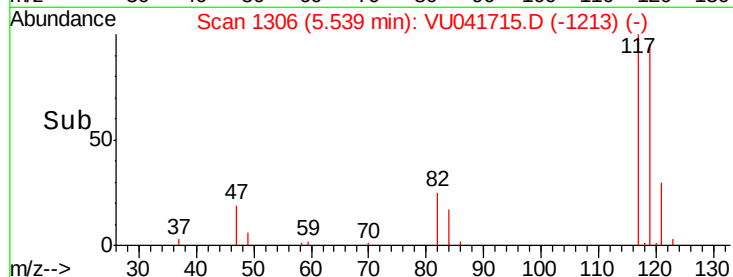
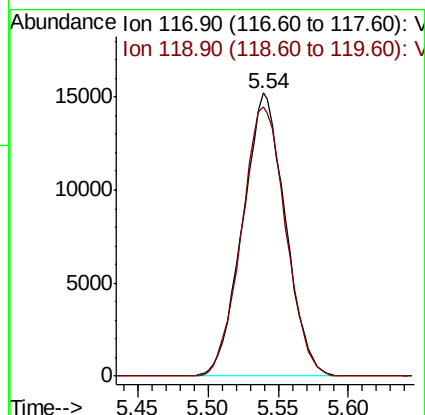
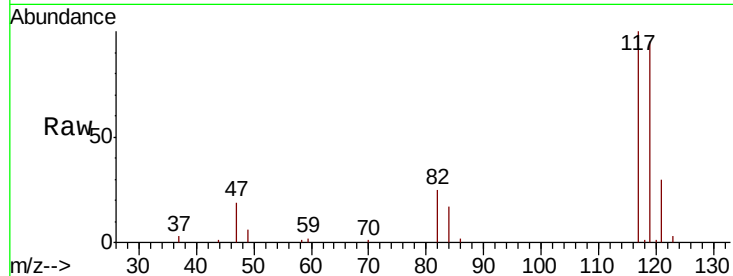




#31
Carbon tetrachloride
Concen: 2.566 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041715.D
Acq: 21 Dec 2020 22:55

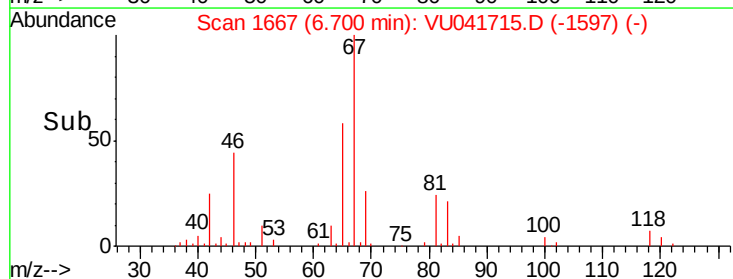
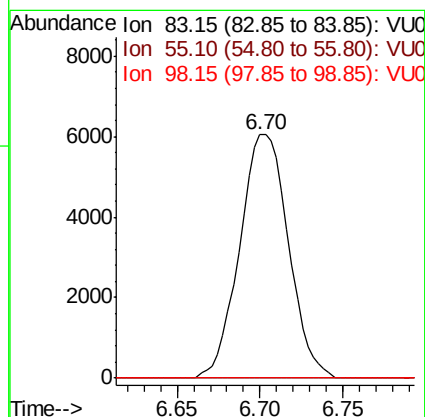
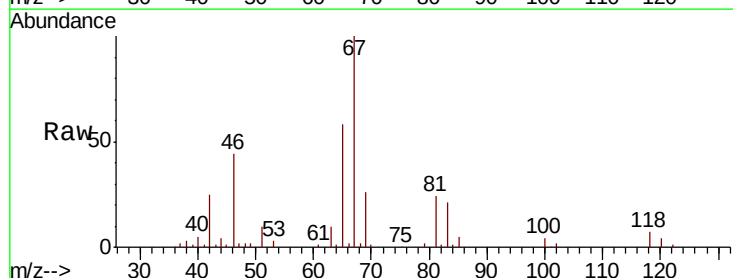
Instrument :
MSVOA_U
ClientSampleId :
GB250

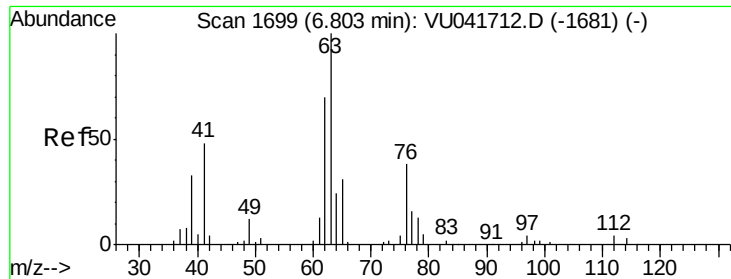
Tot Ion:117 Resp: 32115
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.2



#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041715.D
Acq: 21 Dec 2020 22:55

Tgt Ion: 83 Resp: 12365
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.2 36.6 54.8#

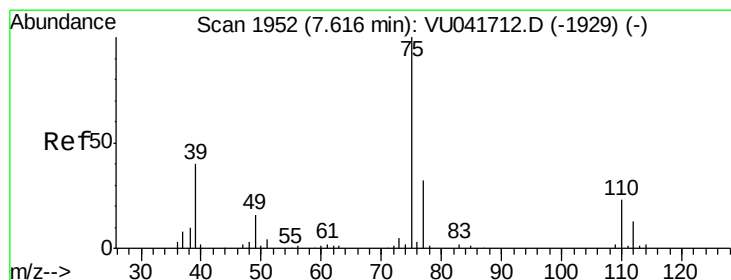
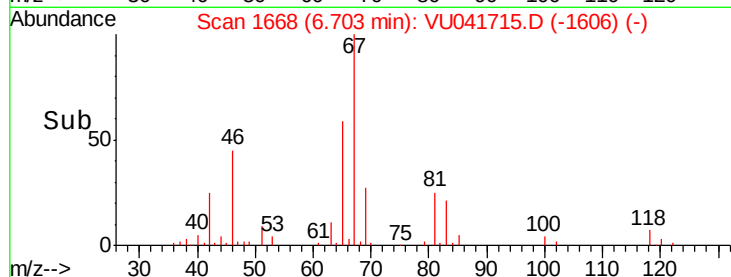
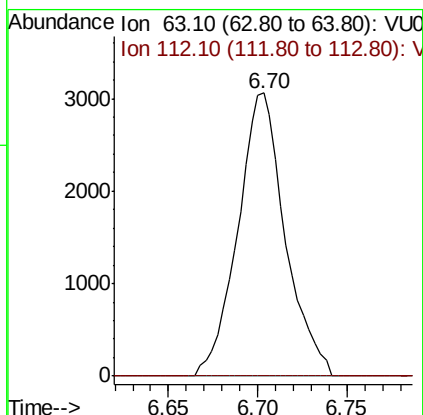
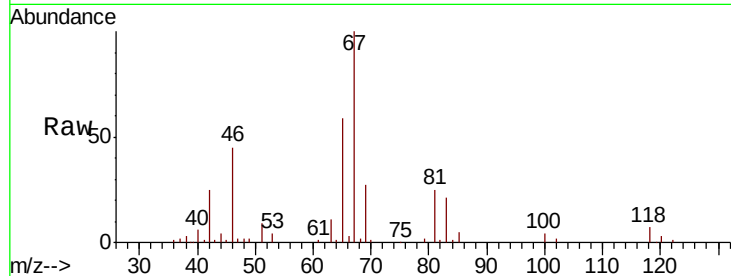




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041715.D
 Acq: 21 Dec 2020 22:55

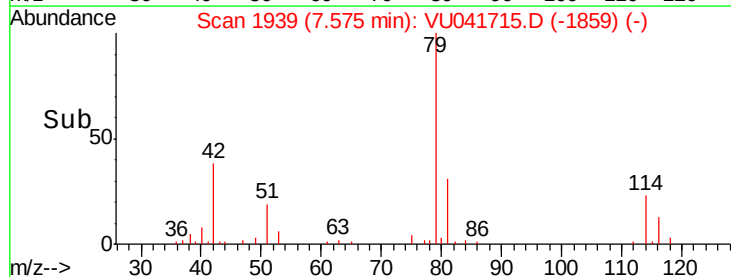
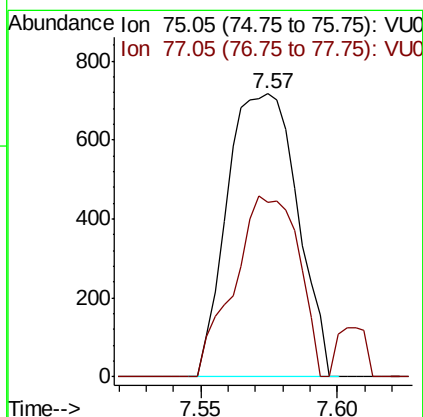
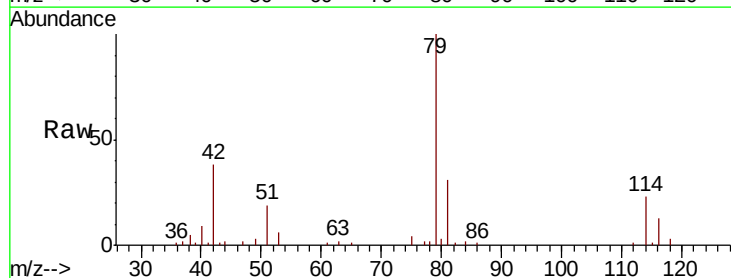
Instrument :
 MSVOA_U
 ClientSampleId :
 GB250

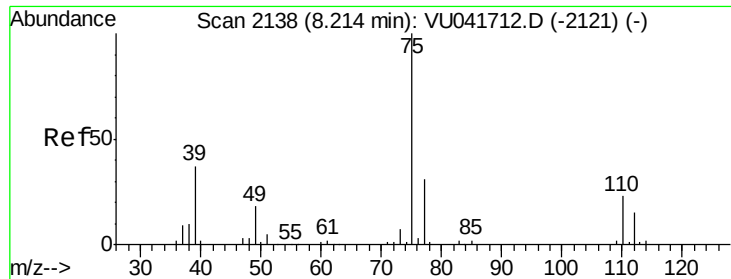
Tot Ion: 63 Resp: 5648
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041715.D
 Acq: 21 Dec 2020 22:55

Tgt Ion: 75 Resp: 1279
 Ion Ratio Lower Upper
 75 100
 77 61.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041715.D

Acq: 21 Dec 2020 22:55

Instrument :

MSVOA_U

ClientSampled :

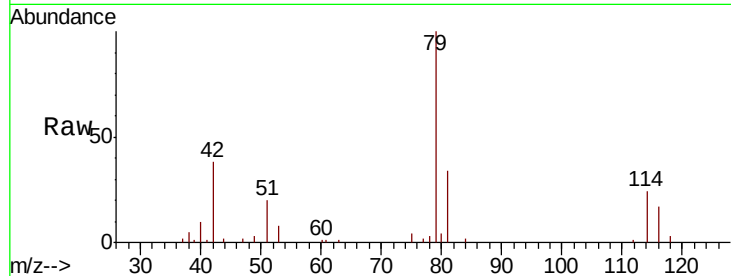
GB250

Tot Ion: 75 Resp: 796

Ion Ratio Lower Upper

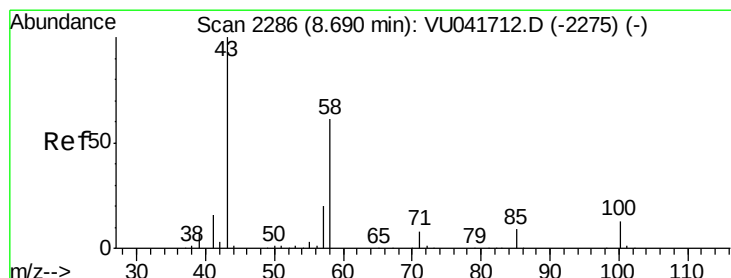
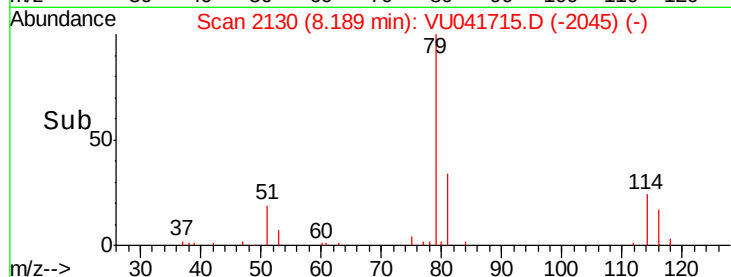
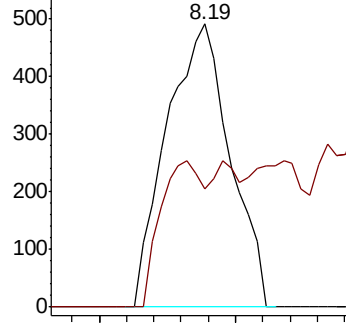
75 100

77 41.9 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 3.254 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041715.D

Acq: 21 Dec 2020 22:55

Tgt Ion: 43 Resp: 17371

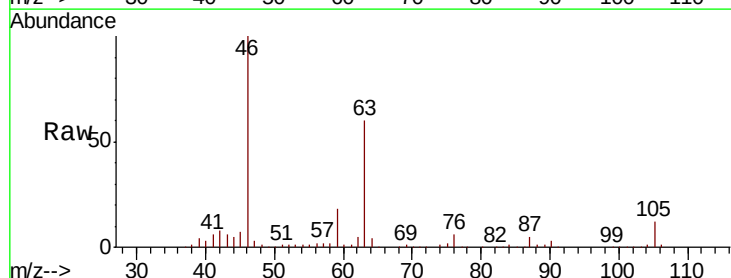
Ion Ratio Lower Upper

43 100

58 28.3 47.9 71.9#

57 32.1 16.5 24.7#

100 0.7 9.4 14.2#

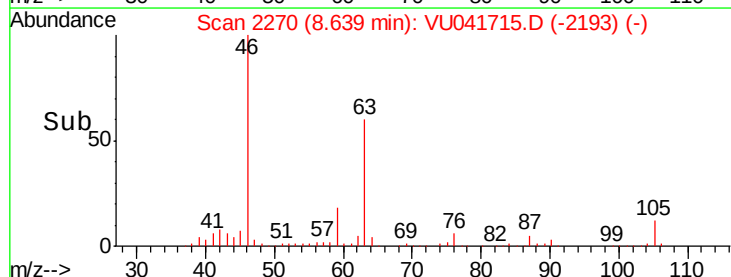
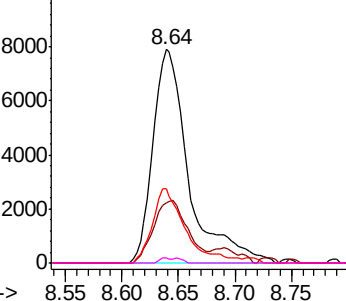


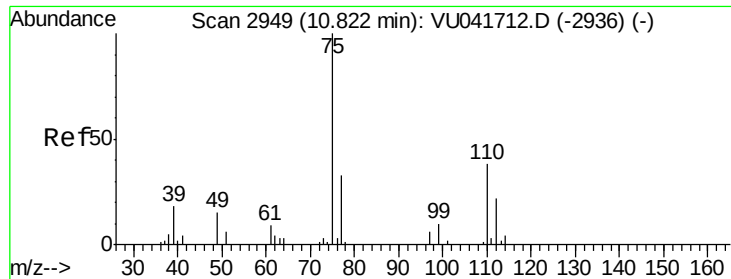
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

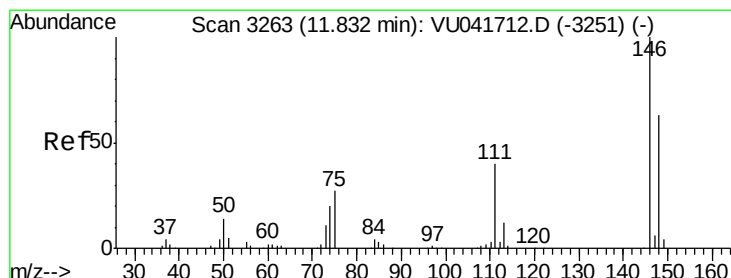
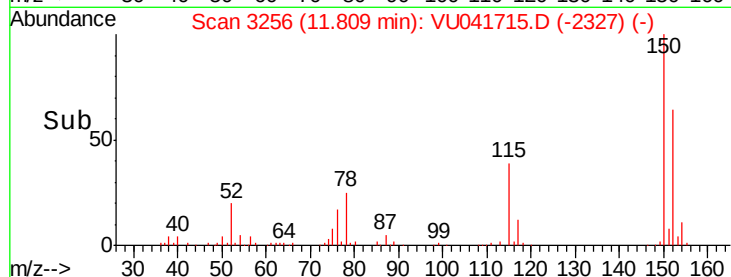
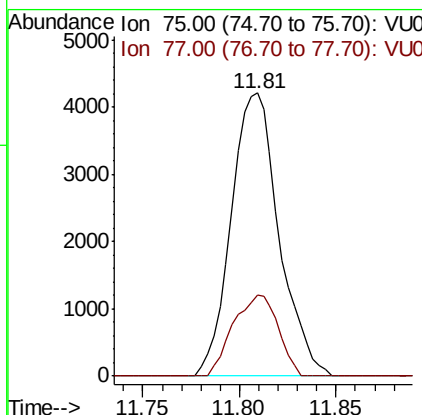
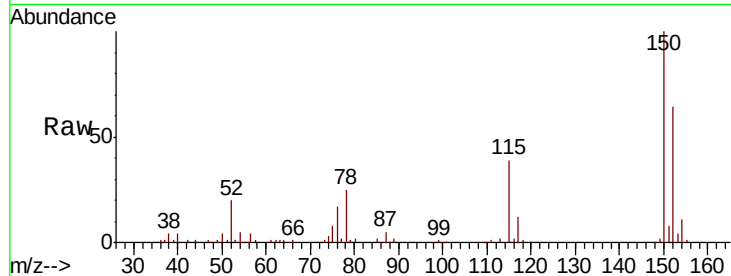




#59
 1,2,3-Trichloropropane
 Concen: 0.935 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041715.D
 Acq: 21 Dec 2020 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GB250

Tot Ion: 75 Resp: 7237
 Ion Ratio Lower Upper
 75 100
 77 26.8 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 0.057 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU041715.D
 Acq: 21 Dec 2020 22:55

Tgt Ion: 146 Resp: 952
 Ion Ratio Lower Upper
 146 100
 111 54.1 27.9 51.9#
 148 62.3 45.0 83.6

