

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041786.D
 Acq On : 23 Dec 2020 16:33
 Operator : SY/MD
 Sample : L5161-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB237

Quant Time: Dec 24 01:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128379	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38192	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.92	69	39360	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	58071	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.67	46	135122	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.08	84	78786	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	45776	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.74	84	147245	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.70	67	48924	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.90	98	116125	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.18	79	19762	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	119367	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47692	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46299	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

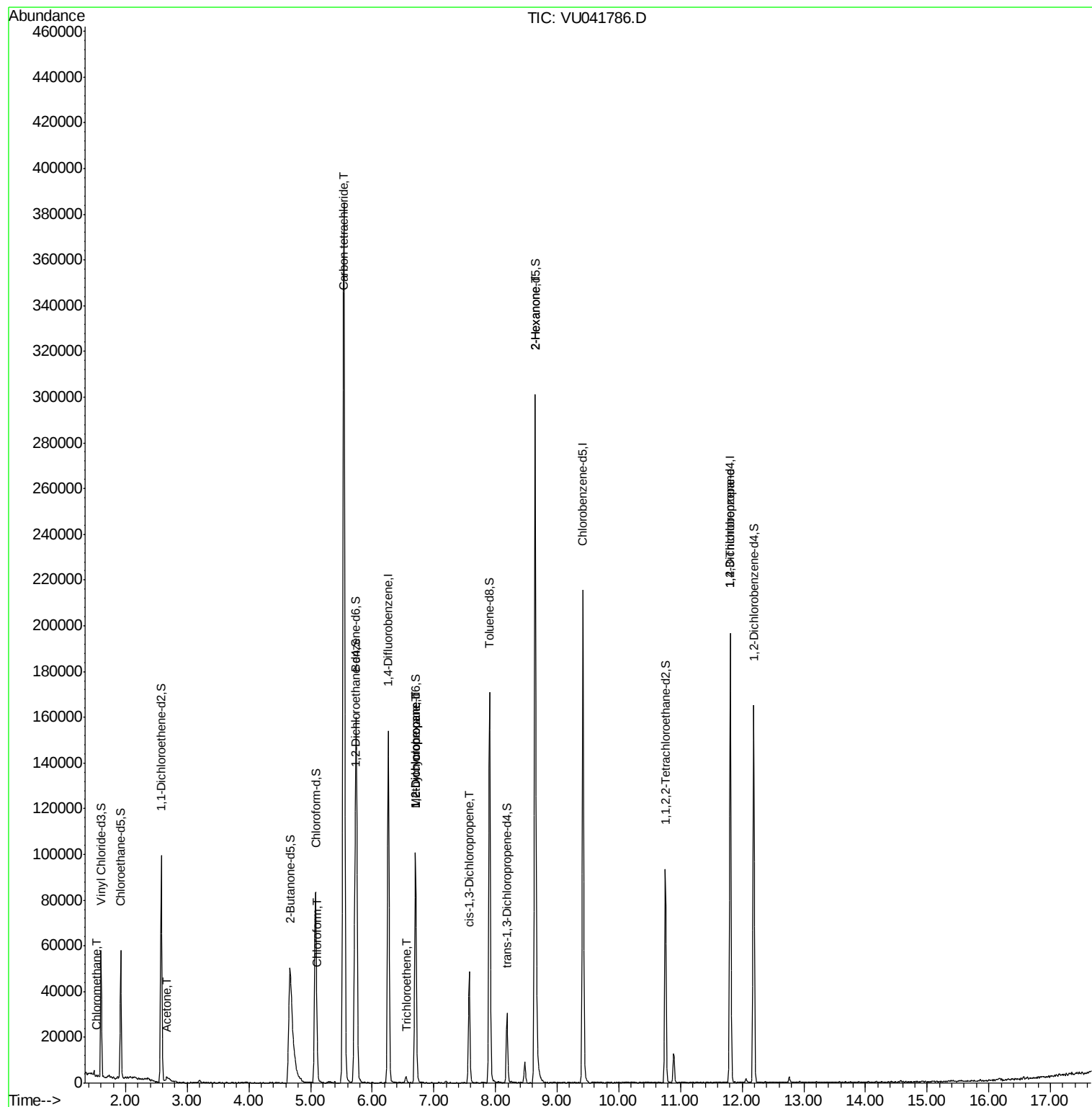
					Ovalue
3) Chloromethane	1.53	50	478	0.045 ug/L	91
13) Acetone	2.67	43	2228	1.215 ug/L	58
25) Chloroform	5.11	83	3714	0.219 ug/L	82
31) Carbon tetrachloride	5.54	117	272789	21.593 ug/L	100
34) Trichloroethene	6.56	95	914	0.089 ug/L #	63
35) Methylcyclohexane	6.70	83	11737	0.710 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5202	0.500 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1284	0.083 ug/L #	47
48) 2-Hexanone	8.64	43	12549	2.328 ug/L #	70
59) 1,2,3-Trichloropropane	11.80	75	5813	0.744 ug/L	97

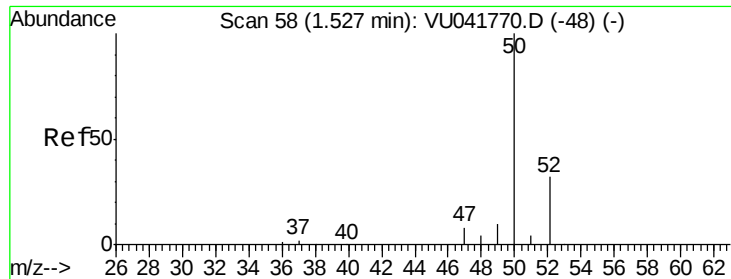
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.045 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU041786.D

Acq: 23 Dec 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

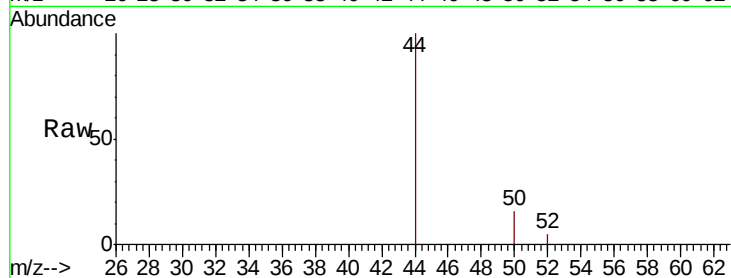
GB237

Tot Ion: 50 Resp: 478

Ion Ratio Lower Upper

50 100

52 29.3 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

400

300

200

100

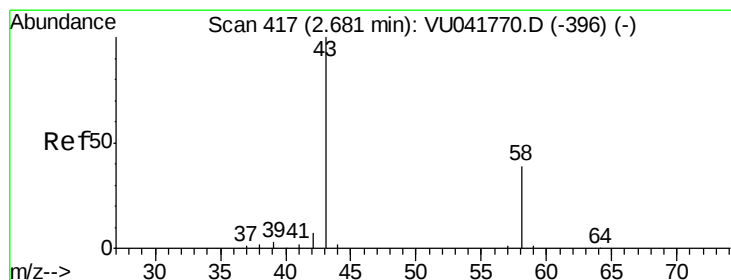
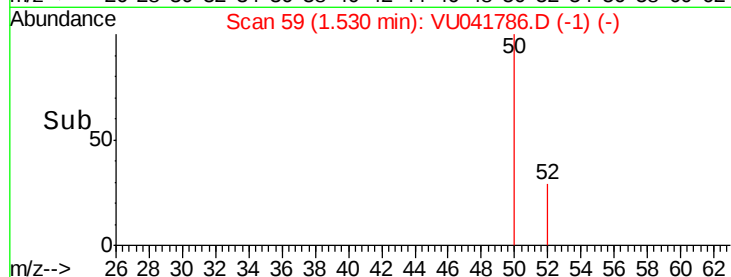
0

1.50

1.52

1.54

Time-->



#13

Acetone

Concen: 1.215 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU041786.D

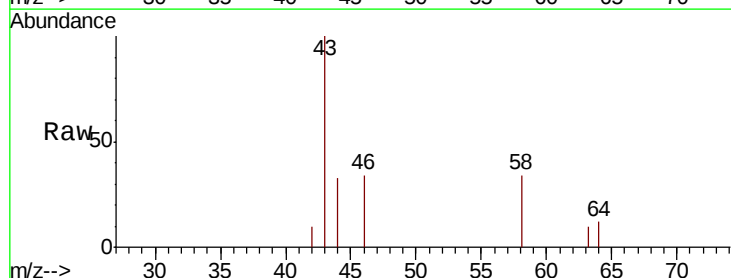
Acq: 23 Dec 2020 16:33

Tgt Ion: 43 Resp: 2228

Ion Ratio Lower Upper

43 100

58 11.8 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

1200

1000

800

600

400

200

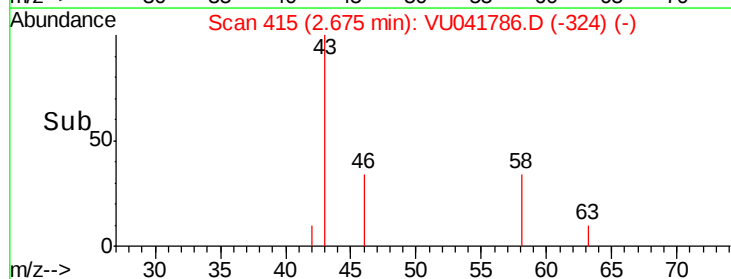
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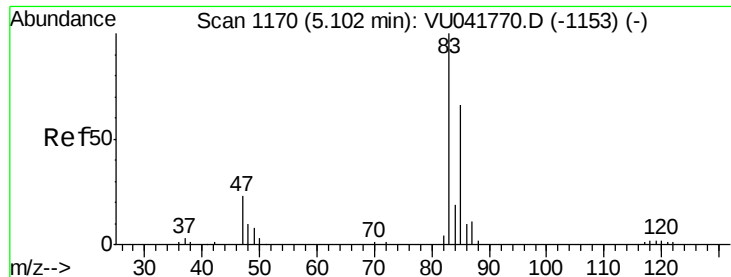
2.65

2.67

2.70

Time-->

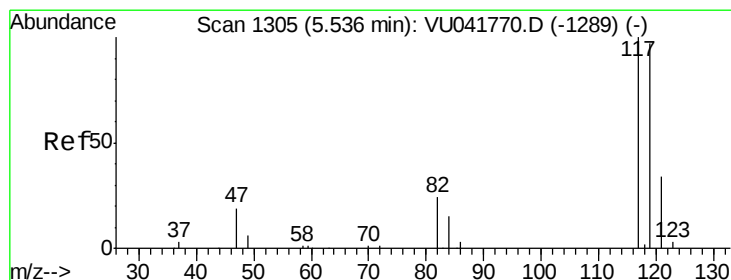
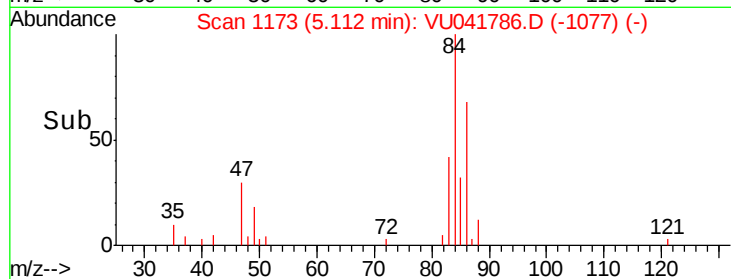
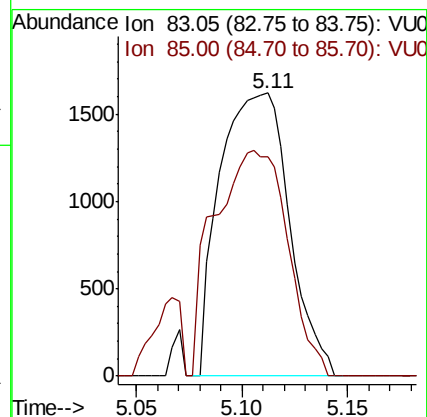
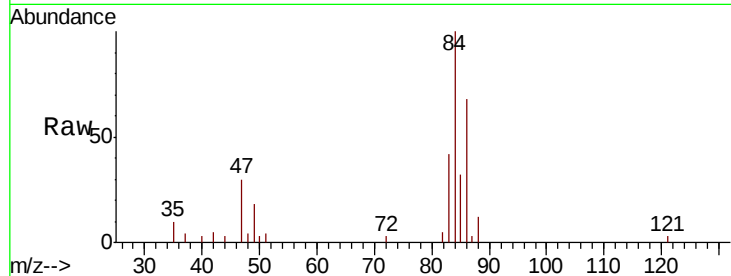




#25
Chloroform
Concen: 0.219 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041786.D
Acq: 23 Dec 2020 16:33

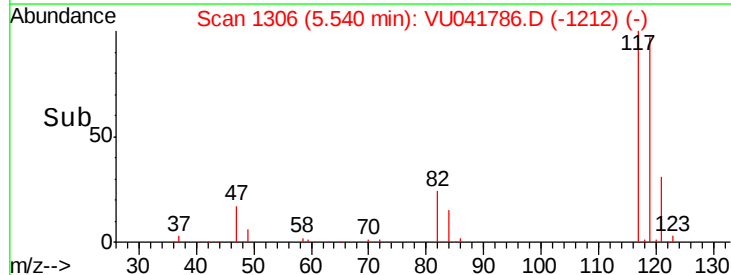
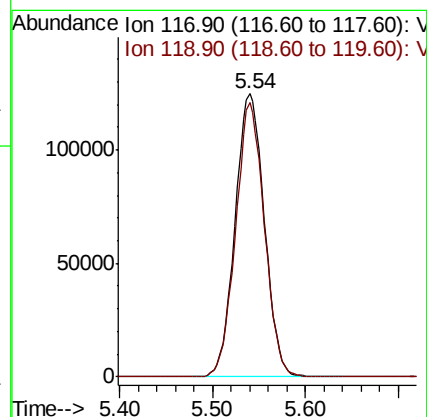
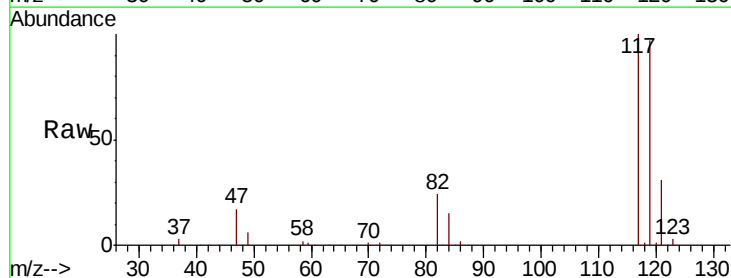
Instrument :
MSVOA_U
ClientSampled :
GB237

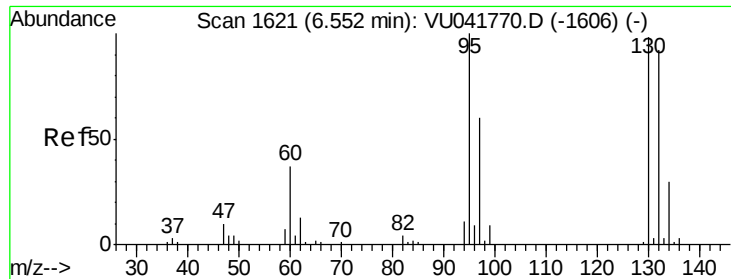
Tot Ion: 83 Resp: 3714
Ion Ratio Lower Upper
83 100
85 77.3 44.2 82.0



#31
Carbon tetrachloride
Concen: 21.593 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041786.D
Acq: 23 Dec 2020 16:33

Tgt Ion: 117 Resp: 272789
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2





#34

Trichloroethene

Concen: 0.089 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041786.D

Acq: 23 Dec 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

GB237

Tot Ion: 95 Resp: 914

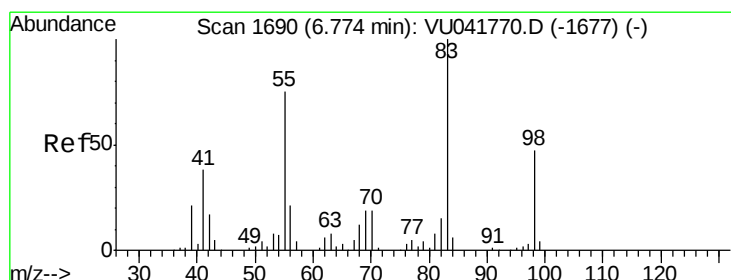
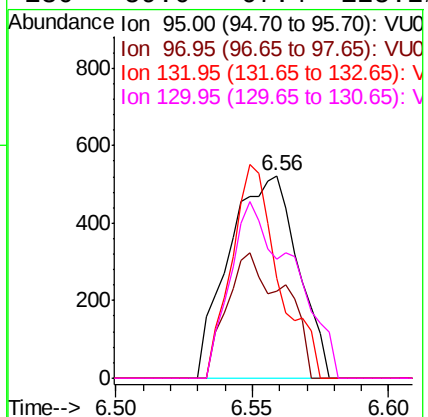
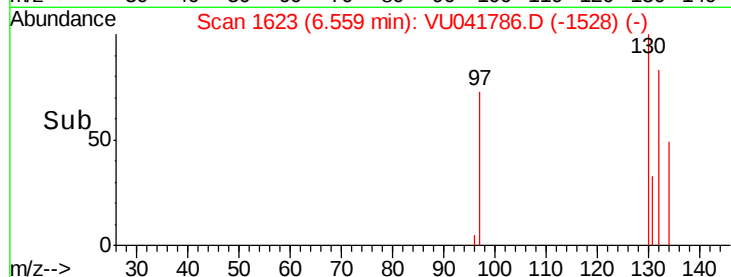
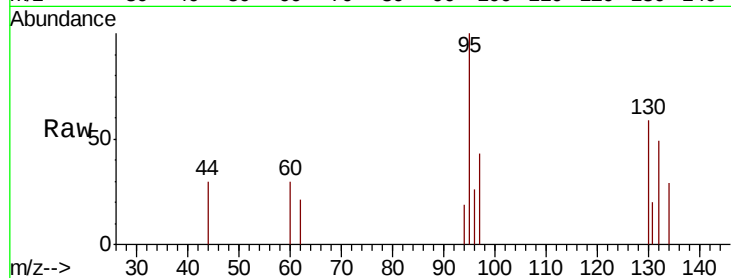
Ion Ratio Lower Upper

95 100

97 43.3 43.9 81.5#

132 49.2 63.1 117.3#

130 59.0 67.4 125.2#



#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041786.D

Acq: 23 Dec 2020 16:33

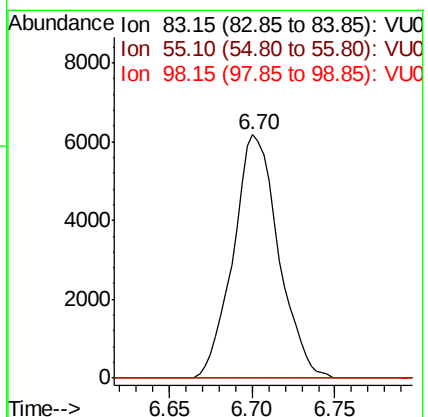
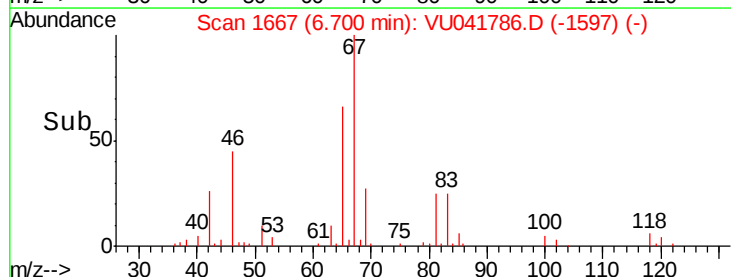
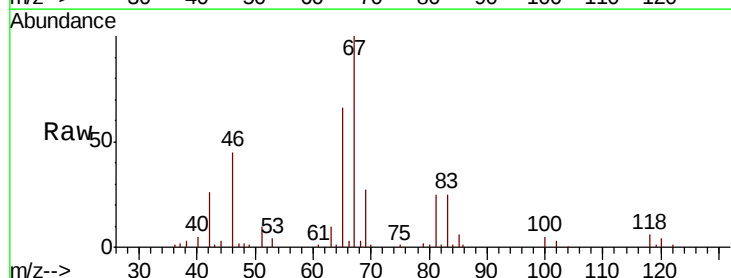
Tgt Ion: 83 Resp: 11737

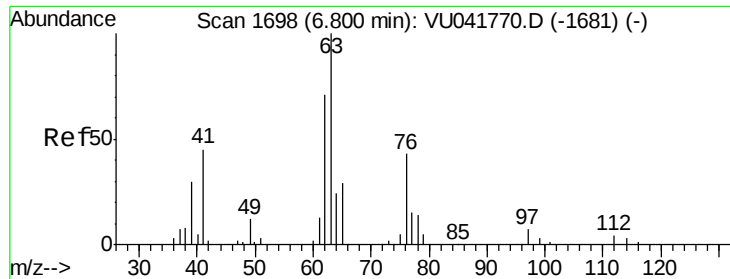
Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 1.6 36.6 54.8#

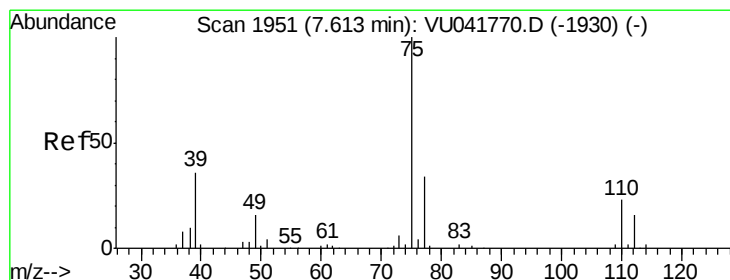
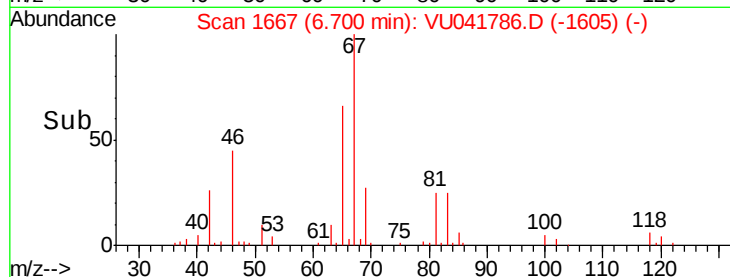
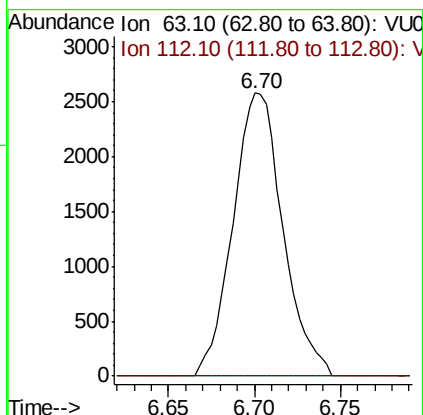
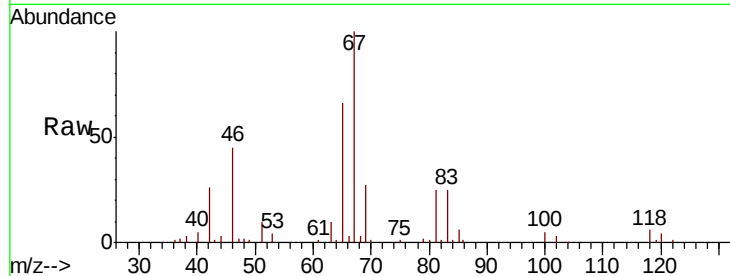




#37
 1,2-Dichloropropane
 Concen: 0.500 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041786.D
 Acq: 23 Dec 2020 16:33

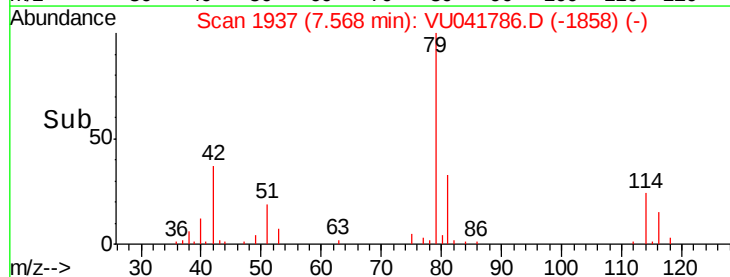
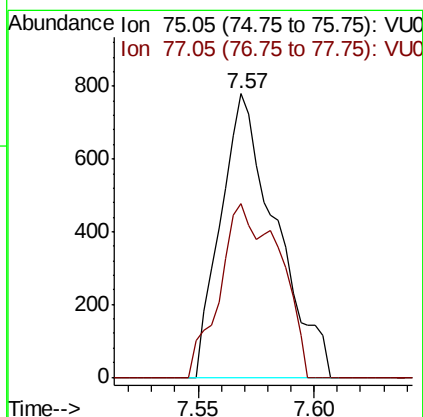
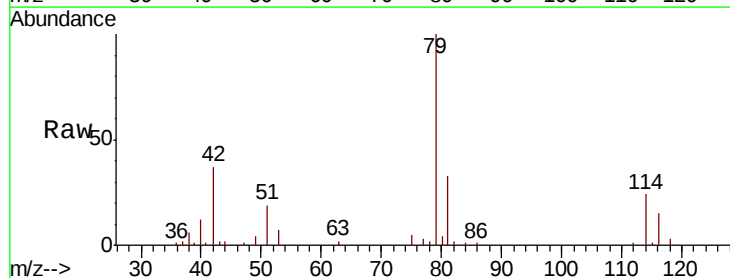
Instrument :
 MSVOA_U
 ClientSampleId :
 GB237

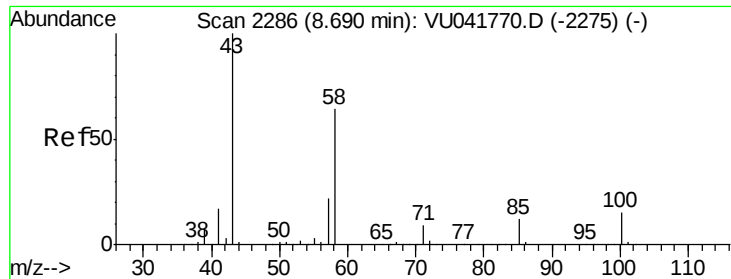
Tot Ion: 63 Resp: 5202
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041786.D
 Acq: 23 Dec 2020 16:33

Tgt Ion: 75 Resp: 1284
 Ion Ratio Lower Upper
 75 100
 77 61.2 22.3 41.3#

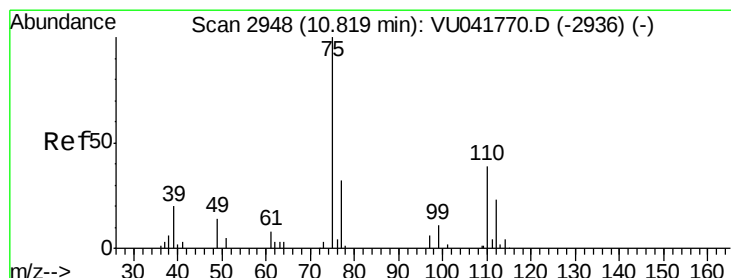
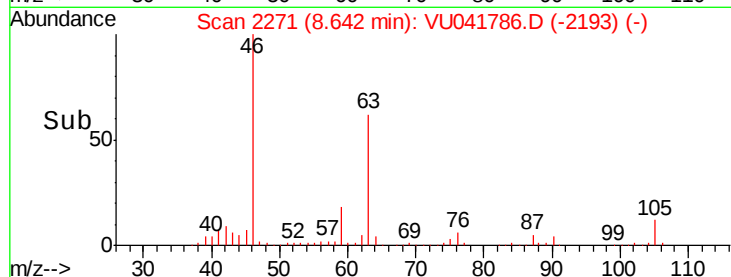
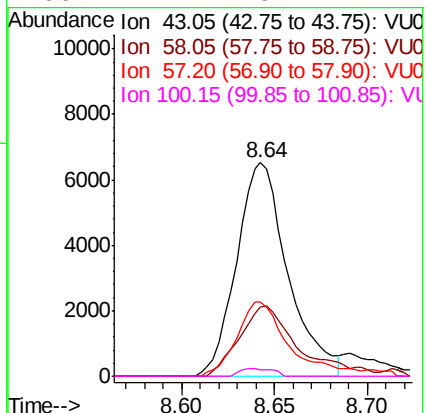
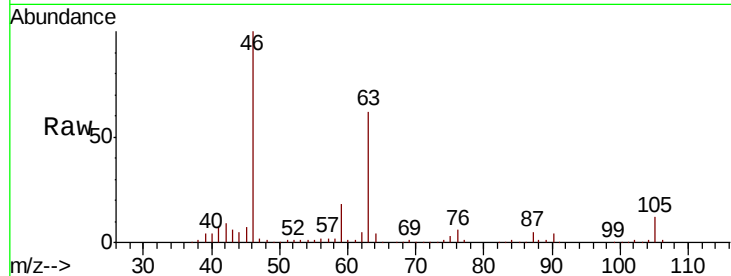




#48
 2-Hexanone
 Concen: 2.328 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU041786.D
 Acq: 23 Dec 2020 16:33

Instrument :
 MSVOA_U
 ClientSampled :
 GB237

Tot Ion: 43 Resp: 12549
 Ion Ratio Lower Upper
 43 100
 58 37.9 47.9 71.9#
 57 36.8 16.5 24.7#
 100 2.4 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.744 ug/L
 RT: 11.80 min Scan# 3254
 Delta R.T. 0.98 min
 Lab File: VU041786.D
 Acq: 23 Dec 2020 16:33

Tgt Ion: 75 Resp: 5813
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.2 39.2

