

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041778.D
 Acq On : 23 Dec 2020 13:33
 Operator : SY/MD
 Sample : L5161-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB242

Quant Time: Dec 24 01:10:44 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	129569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38862	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.92	69	40814	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	61136	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	129550	44.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	5.08	84	76640	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	49213	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	166034	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	52554	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	118656	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.18	79	18709	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	112111	42.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45232	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45064	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

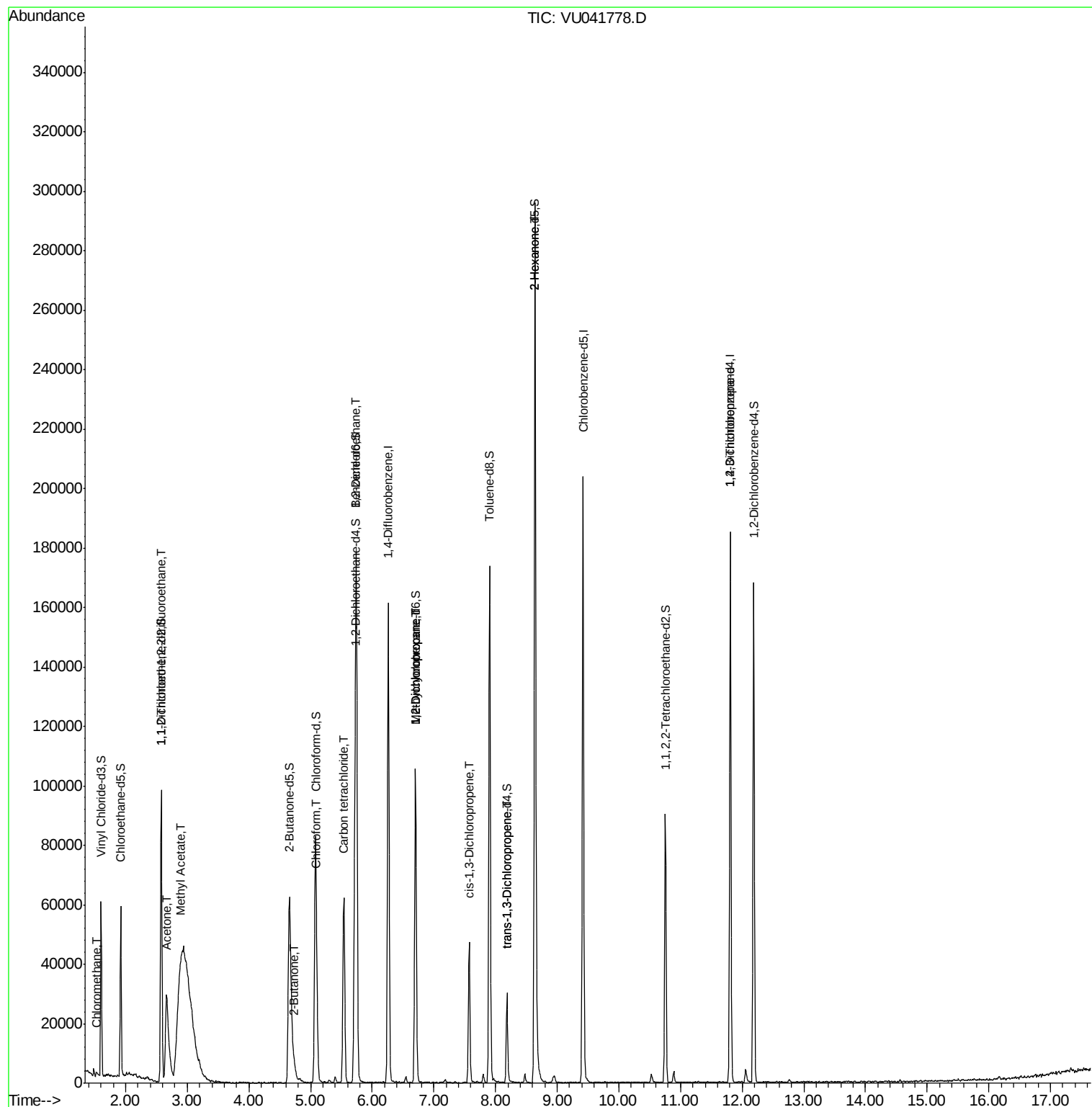
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	703	0.066	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	493	0.055	ug/L #	22
13) Acetone	2.66	43	71497	38.630	ug/L	99
15) Methyl Acetate	2.89	43	1992	0.414	ug/L #	51
21) 2-Butanone	4.75	43	2699	0.895	ug/L	94
25) Chloroform	5.11	83	13632	0.797	ug/L	93
27) 1,2-Dichloroethane	5.74	62	1054	0.091	ug/L #	73
31) Carbon tetrachloride	5.54	117	44025	3.680	ug/L	100
35) Methylcyclohexane	6.70	83	12704	0.812	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5099	0.517	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1177	0.081	ug/L #	69
44) trans-1,3-Dichloropropene	8.18	75	772	0.059	ug/L #	10
48) 2-Hexanone	8.64	43	11307	2.215	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	5559	0.751	ug/L	97

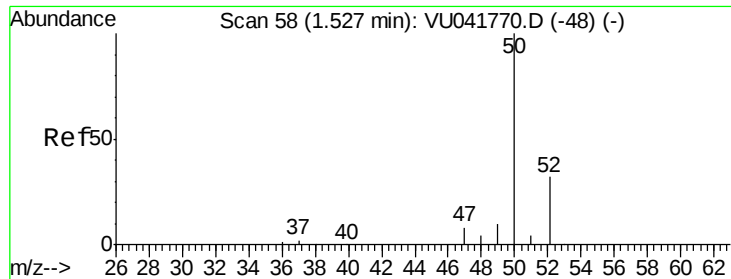
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.066 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041778.D

Acq: 23 Dec 2020 13:33

Instrument :

MSVOA_U

ClientSampleId :

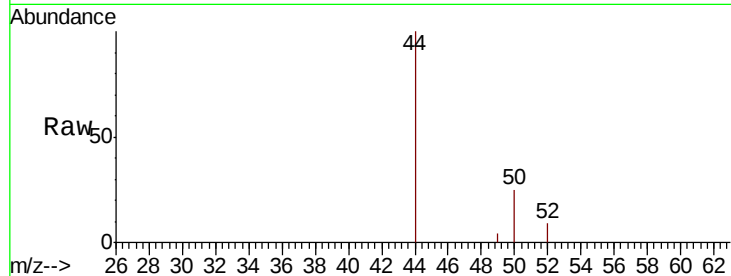
GB242

Tot Ion: 50 Resp: 703

Ion Ratio Lower Upper

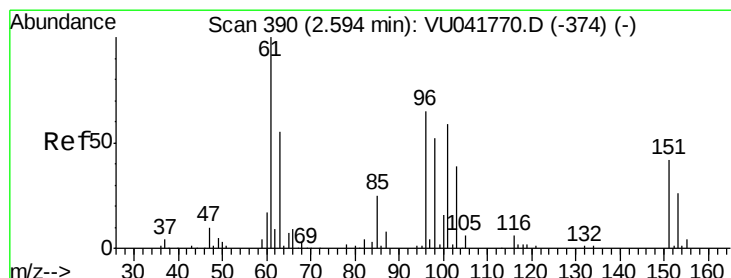
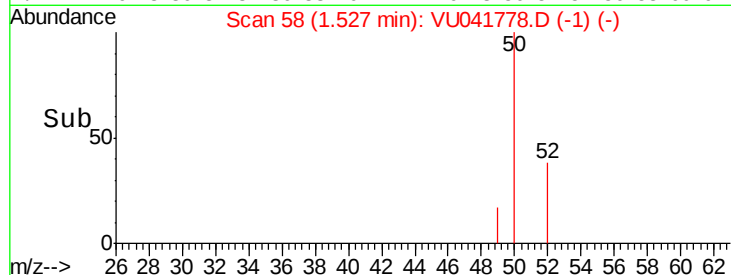
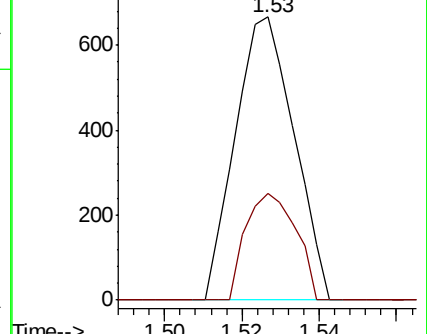
50 100

52 37.7 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.055 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041778.D

Acq: 23 Dec 2020 13:33

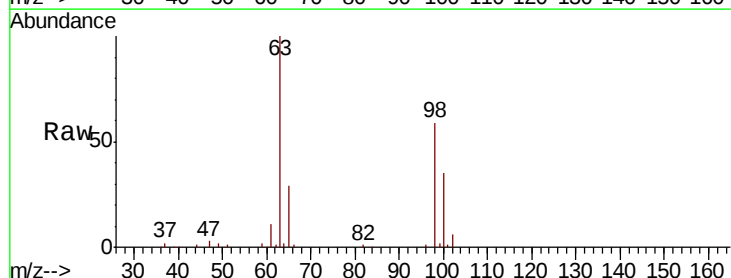
Tgt Ion: 101 Resp: 493

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

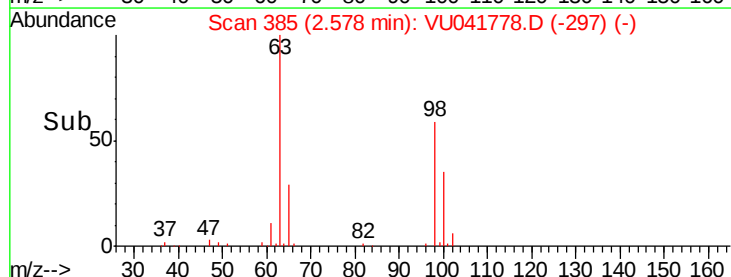
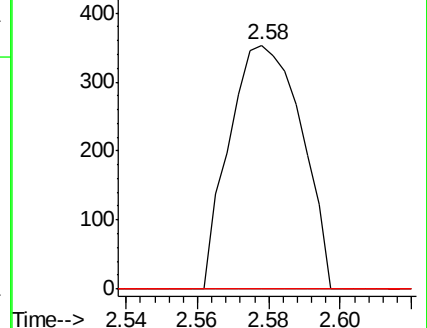
151 0.0 56.2 84.4#

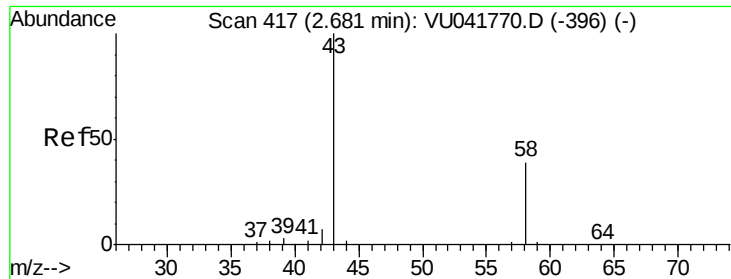


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 38.630 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU041778.D

Acq: 23 Dec 2020 13:33

Instrument :

MSVOA_U

ClientSampleId :

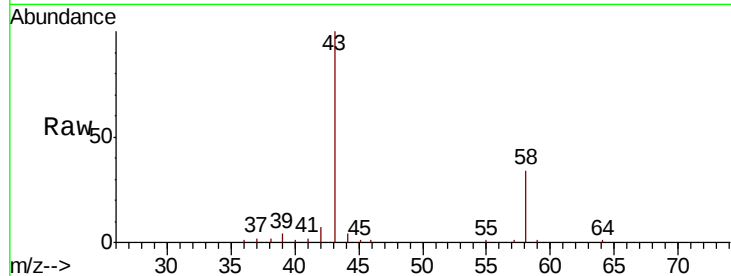
GB242

Tot Ion: 43 Resp: 71497

Ion Ratio Lower Upper

43 100

58 36.2 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

20000

15000

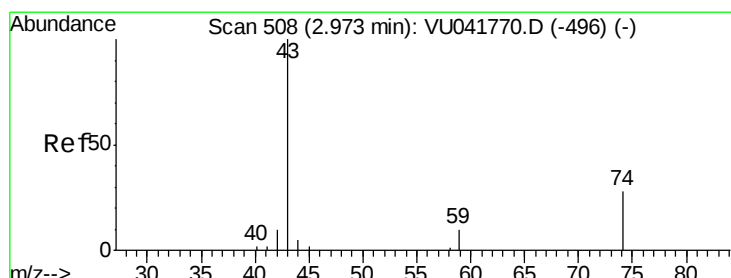
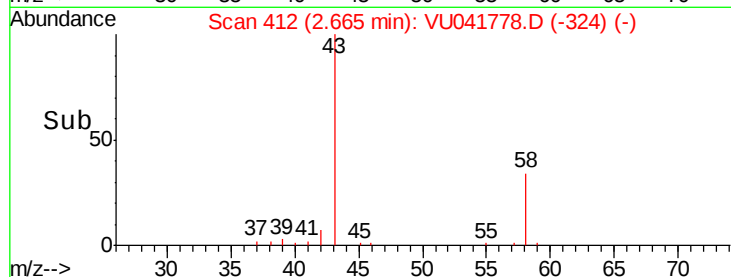
10000

5000

0

2.60 2.70 2.80

Time-->



#15

Methyl Acetate

Concen: 0.414 ug/L

RT: 2.89 min Scan# 481

Delta R.T. -0.09 min

Lab File: VU041778.D

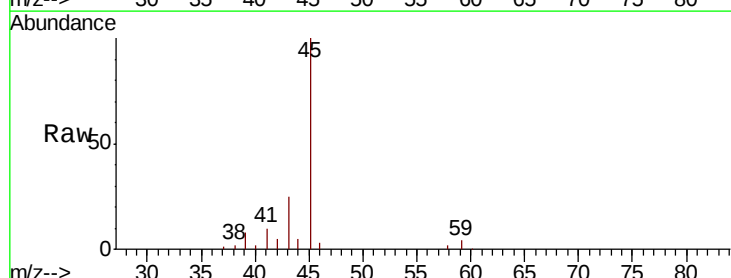
Acq: 23 Dec 2020 13:33

Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.89

6000

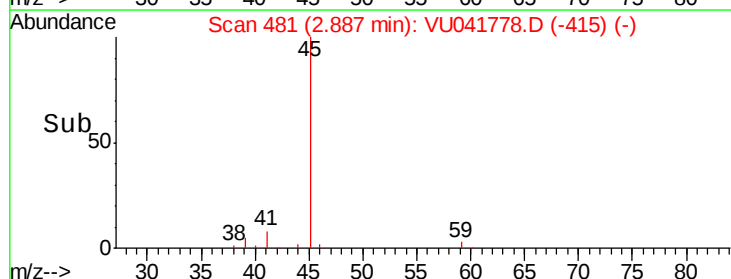
4000

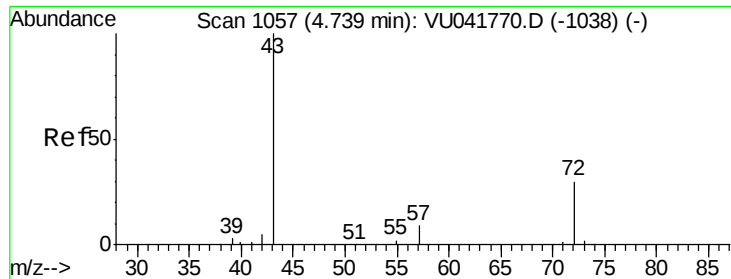
2000

0

2.86 2.88 2.90

Time-->





#21

2-Butanone

Concen: 0.895 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VU041778.D

Acq: 23 Dec 2020 13:33

Instrument :

MSVOA_U

ClientSampleId :

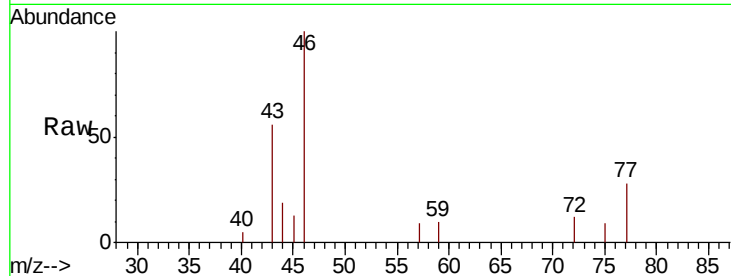
GB242

Tot Ion: 43 Resp: 2699

Ion Ratio Lower Upper

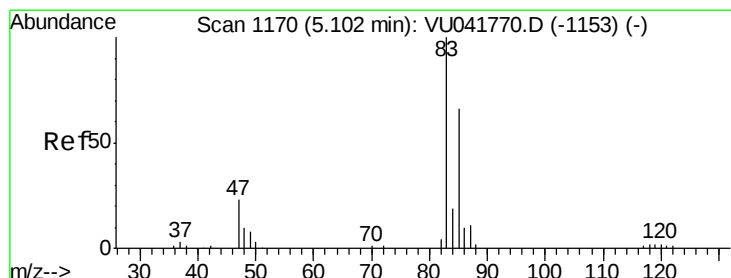
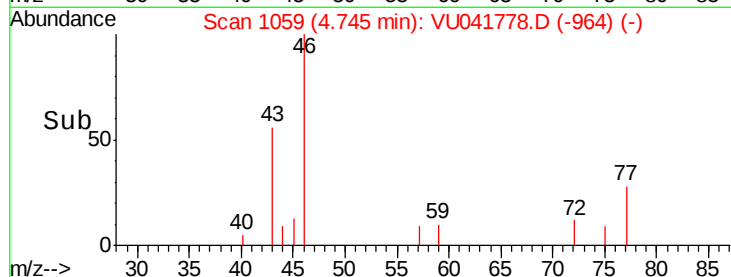
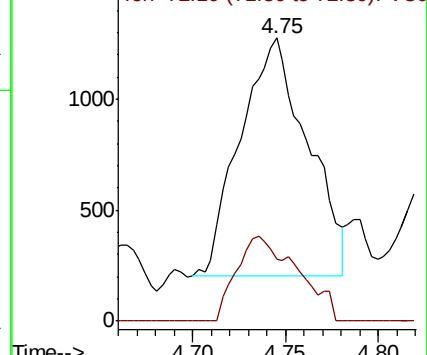
43 100

72 32.8 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041778.D (-964) (-)

Ion 72.10 (71.80 to 72.80): VU041778.D (-964) (-)



#25

Chloroform

Concen: 0.797 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041778.D

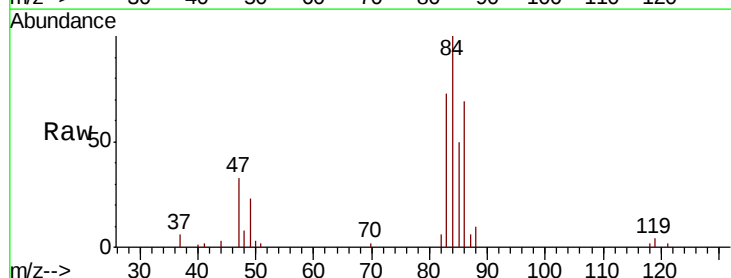
Acq: 23 Dec 2020 13:33

Tgt Ion: 83 Resp: 13632

Ion Ratio Lower Upper

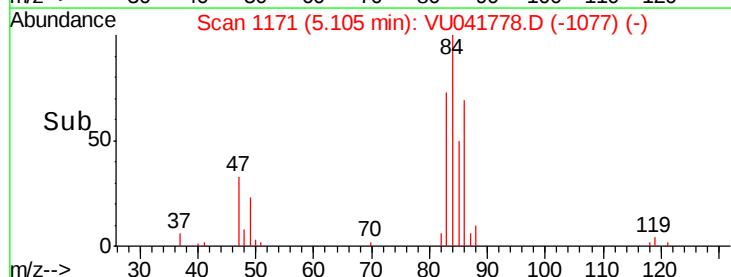
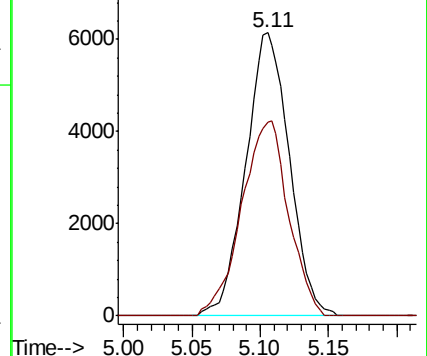
83 100

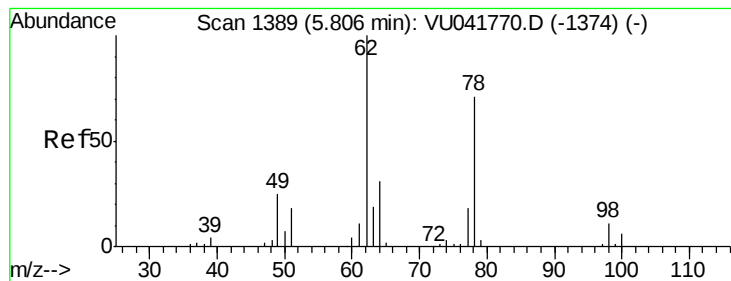
85 68.3 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041778.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU041778.D (-1077) (-)





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.06 min

Lab File: VU041778.D

Acq: 23 Dec 2020 13:33

Instrument :

MSVOA_U

ClientSampleId :

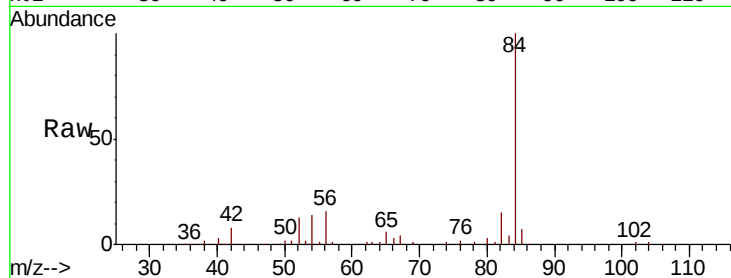
GB242

Tot Ion: 62 Resp: 1054

Ion Ratio Lower Upper

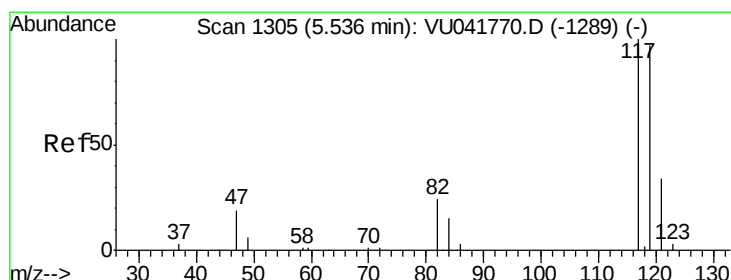
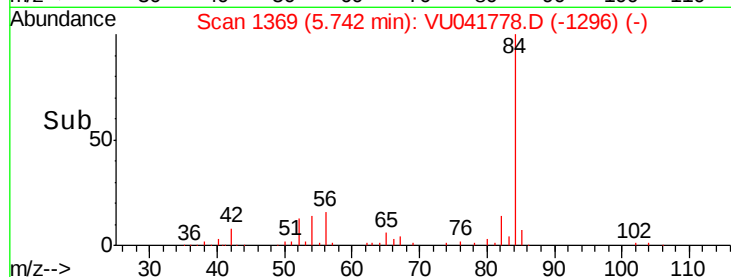
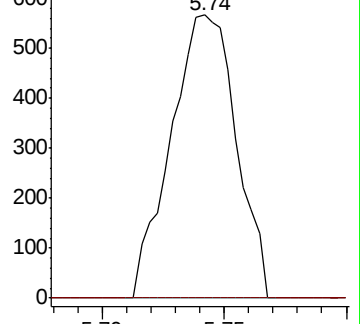
62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU041778.D (-1374) (-)

Ion 98.05 (97.75 to 98.75): VU041778.D (-1374) (-)



#31

Carbon tetrachloride

Concen: 3.680 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041778.D

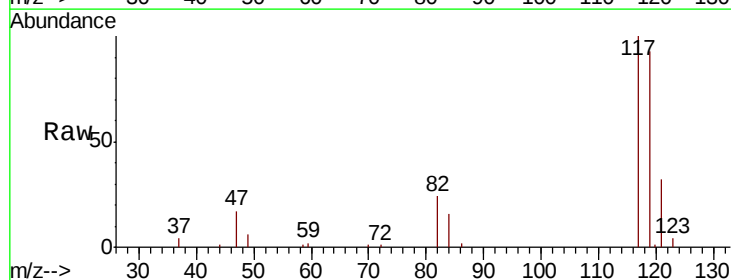
Acq: 23 Dec 2020 13:33

Tgt Ion: 117 Resp: 44025

Ion Ratio Lower Upper

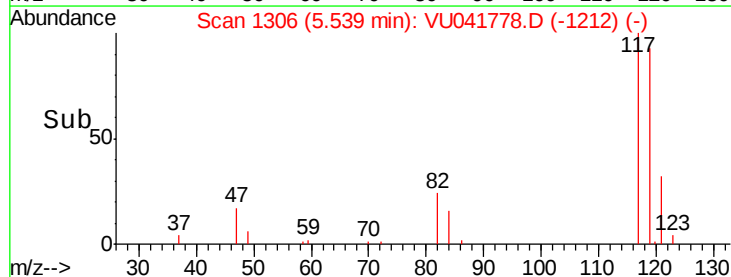
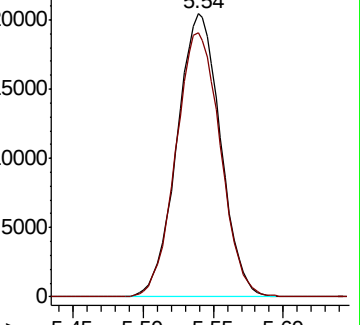
117 100

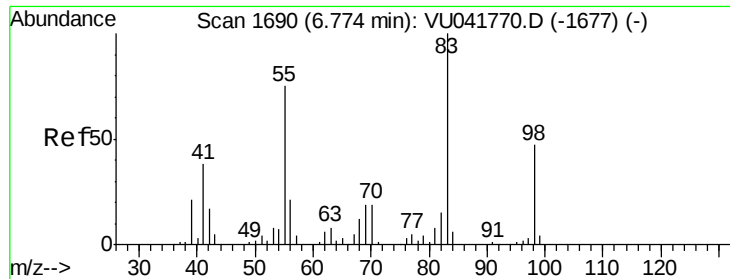
119 95.7 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): VU041778.D (-1212) (-)

Ion 118.90 (118.60 to 119.60): VU041778.D (-1212) (-)

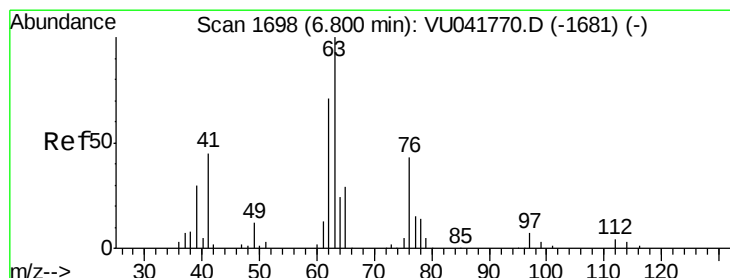
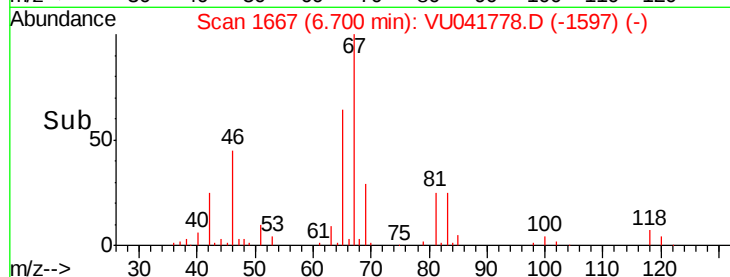
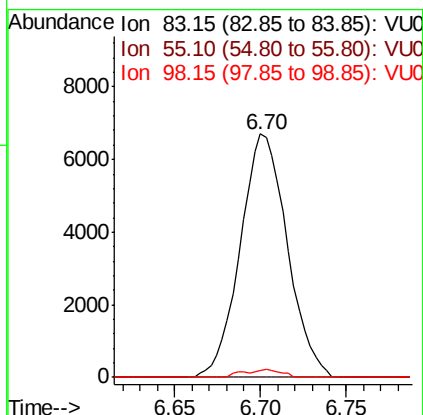
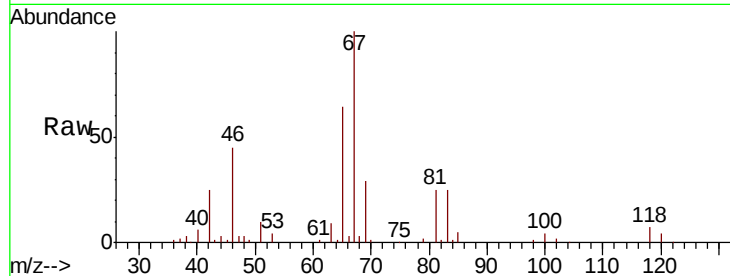




#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041778.D
Acq: 23 Dec 2020 13:33

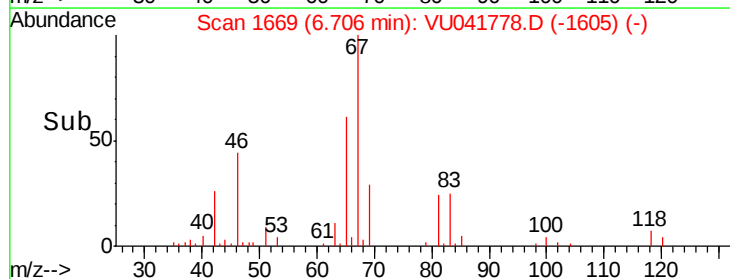
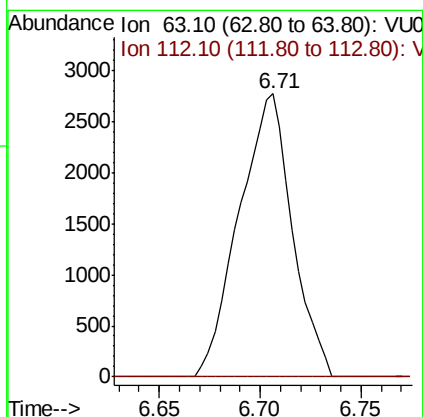
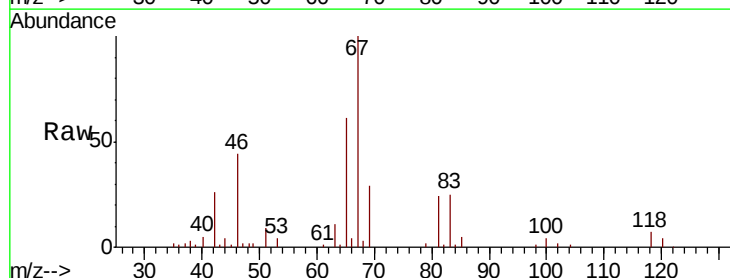
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GB242

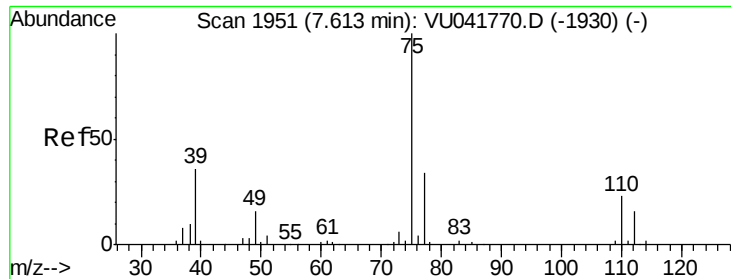
Tot Ion: 83 Resp: 12704
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.7 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041778.D
Acq: 23 Dec 2020 13:33

Tgt Ion: 63 Resp: 5099
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

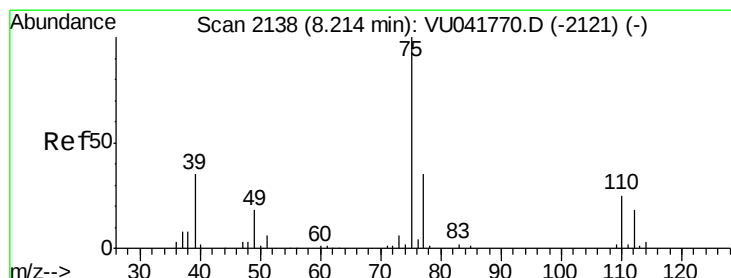
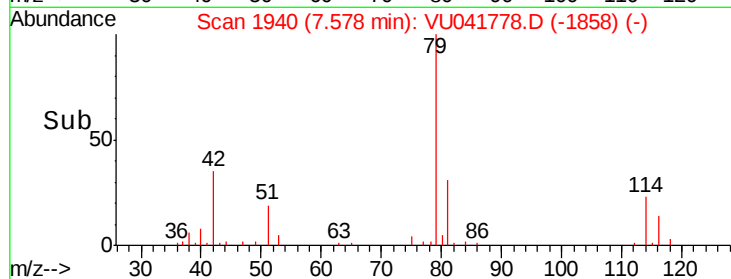
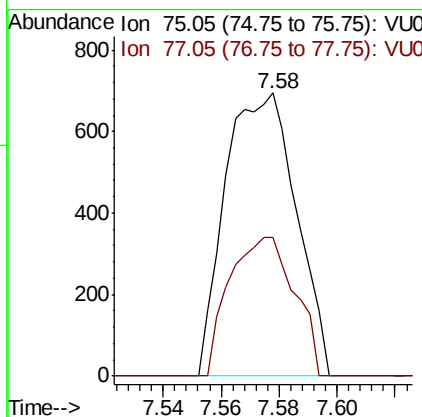
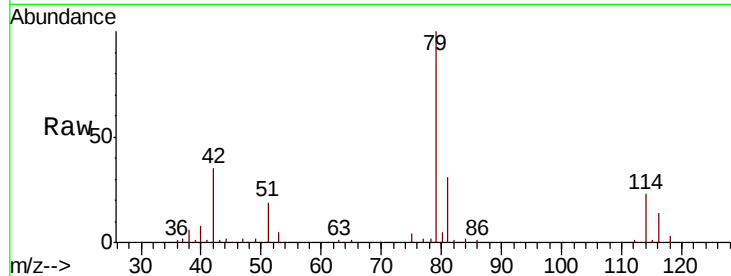




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041778.D
 Acq: 23 Dec 2020 13:33

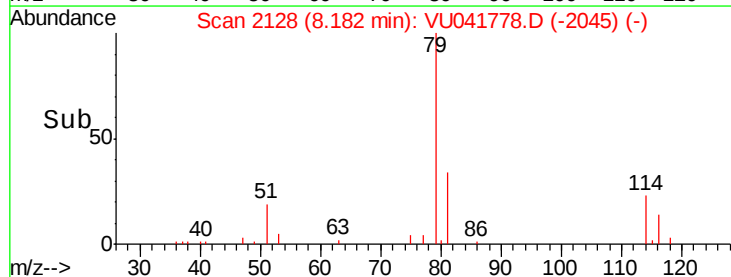
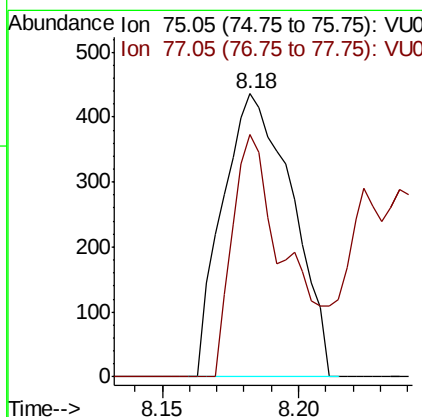
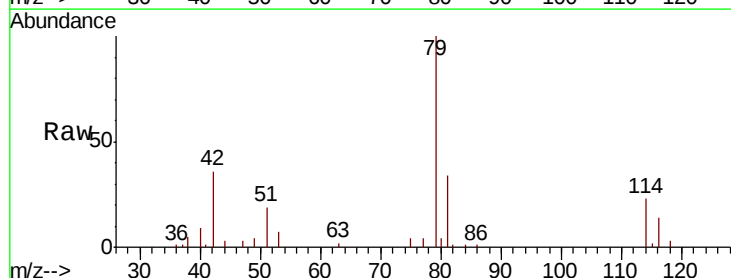
Instrument :
 MSVOA_U
 ClientSampleId :
 GB242

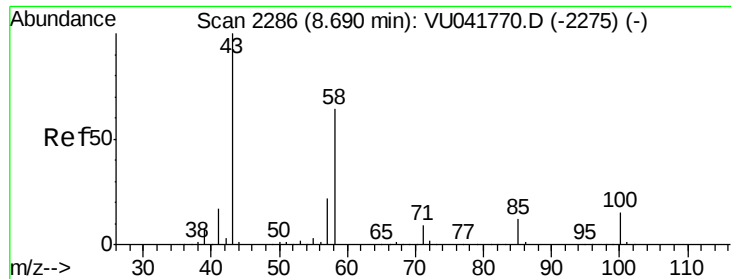
Tot Ion: 75 Resp: 1177
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU041778.D
 Acq: 23 Dec 2020 13:33

Tgt Ion: 75 Resp: 772
 Ion Ratio Lower Upper
 75 100
 77 85.6 23.8 44.2#

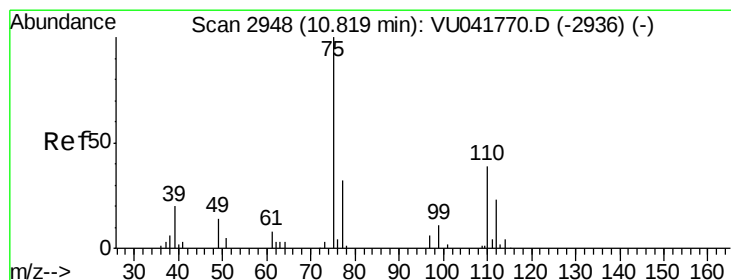
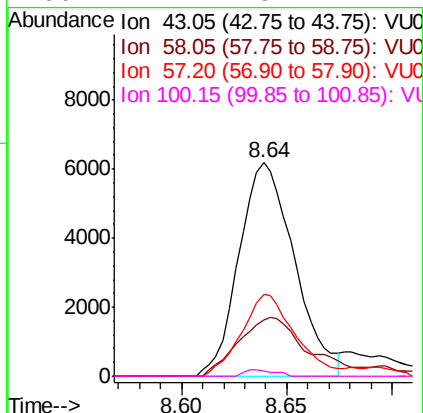
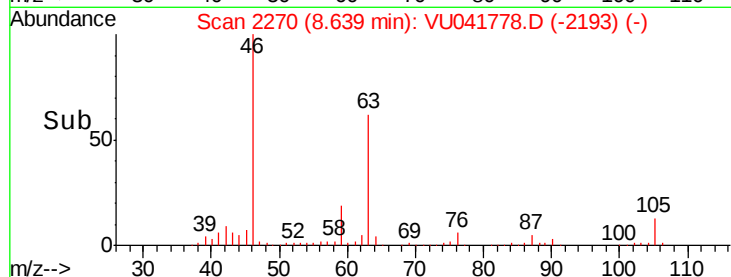
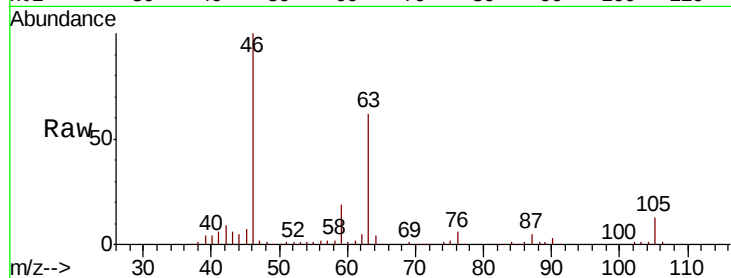




#48
2-Hexanone
Concen: 2.215 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041778.D
Acq: 23 Dec 2020 13:33

Instrument :
MSVOA_U
ClientSampled :
GB242

Tot Ion: 43 Resp: 11307
Ion Ratio Lower Upper
43 100
58 33.9 47.9 71.9#
57 36.8 16.5 24.7#
100 1.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.751 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041778.D
Acq: 23 Dec 2020 13:33

Tgt Ion: 75 Resp: 5559
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2

