

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041779.D
 Acq On : 23 Dec 2020 13:56
 Operator : SY/MD
 Sample : L5161-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB246

Quant Time: Dec 24 01:10:57 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	126443	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38983	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	43037	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.58	63	62093	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.66	46	132008	46.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.98%
24) Chloroform-d	5.08	84	76128	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	44962	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	150654	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.70	67	48802	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	121302	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.19	79	18708	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	112552	40.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45677	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47705	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

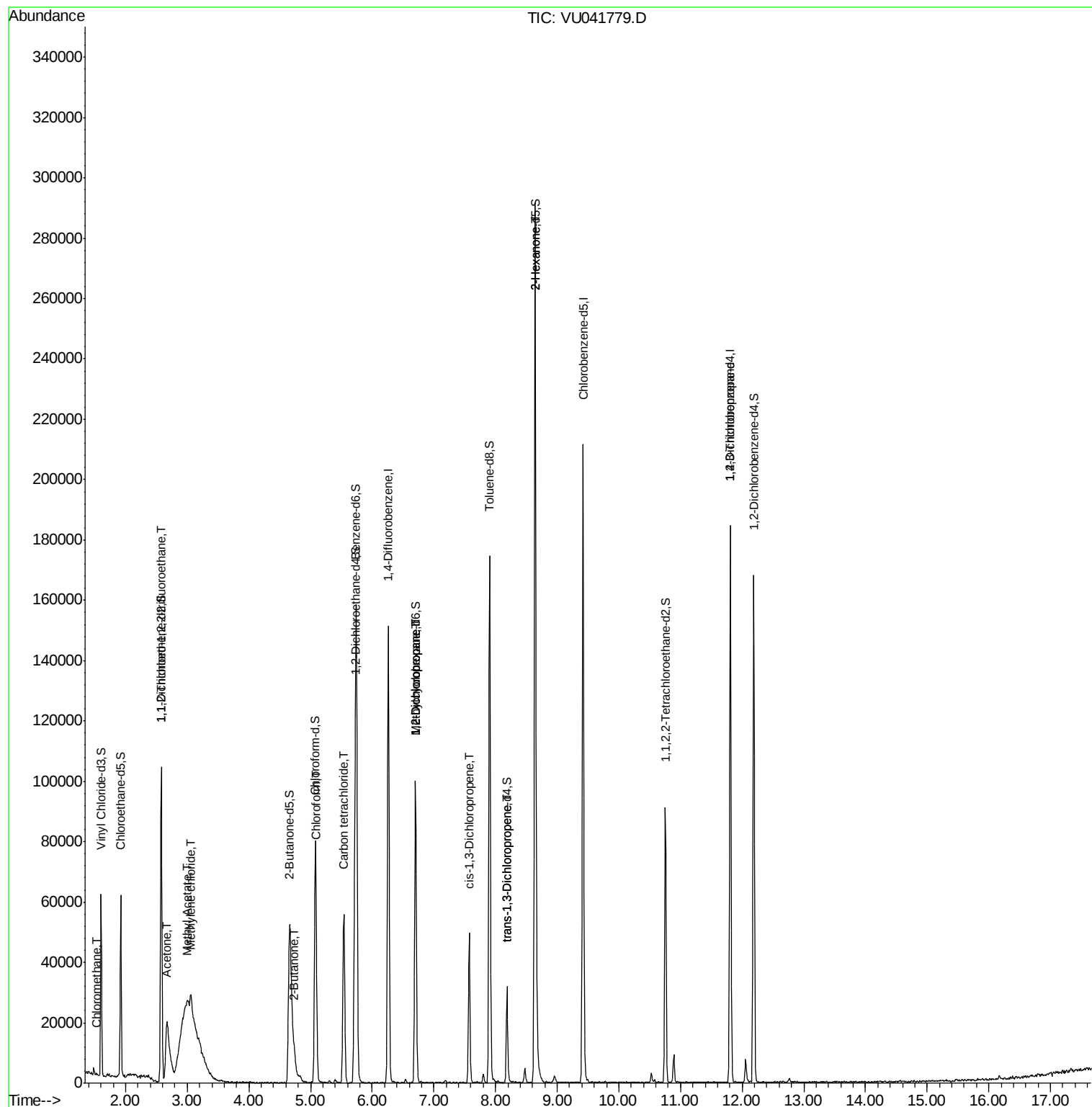
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	582	0.056	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	649	0.075	ug/L #	22
13) Acetone	2.67	43	22996	12.732	ug/L	98
15) Methyl Acetate	2.99	43	473	0.101	ug/L #	51
16) Methylene chloride	3.06	84	2096	0.205	ug/L	81
21) 2-Butanone	4.74	43	4383	1.490	ug/L #	72
25) Chloroform	5.10	83	945	0.057	ug/L #	71
31) Carbon tetrachloride	5.54	117	38753	3.133	ug/L	96
35) Methylcyclohexane	6.70	83	11281	0.697	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5046	0.495	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1060	0.070	ug/L #	74
44) trans-1,3-Dichloropropene	8.19	75	675	0.050	ug/L #	1
48) 2-Hexanone	8.64	43	12402	2.351	ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	5293	0.692	ug/L	99

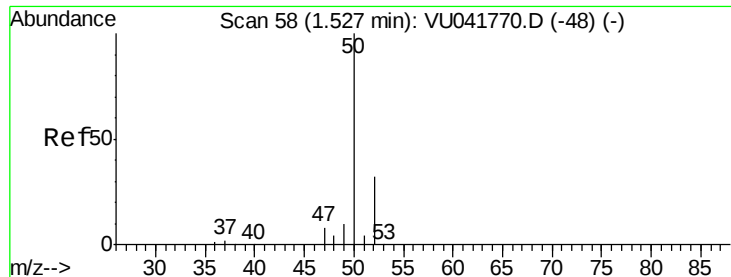
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041779.D

Acq: 23 Dec 2020 13:56

Instrument :

MSVOA_U

ClientSampleId :

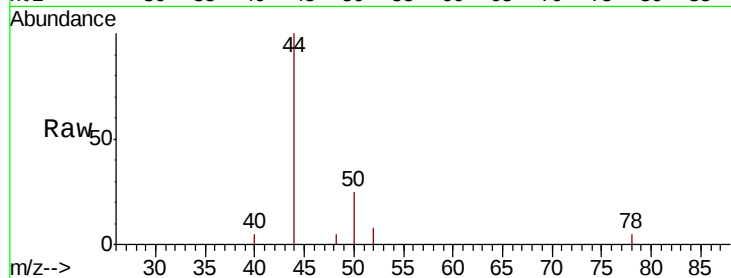
GB246

Tot Ion: 50 Resp: 582

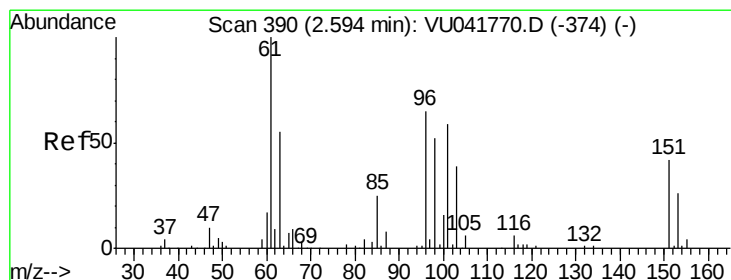
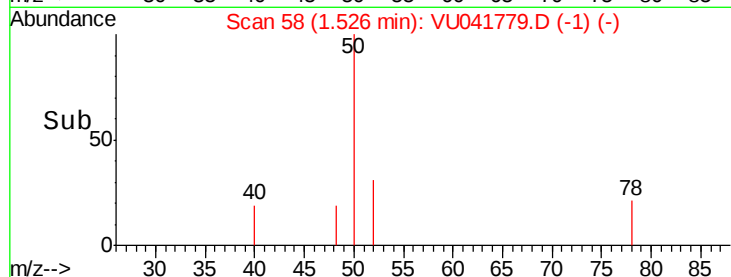
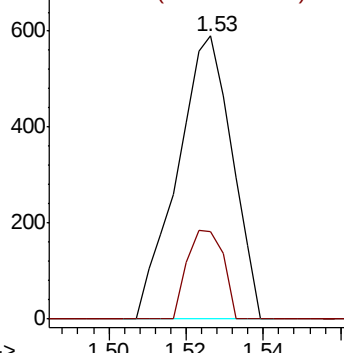
Ion Ratio Lower Upper

50 100

52 30.7 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041779.D (-1) (-)



#10

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

Concen: 0.075 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041779.D

Acq: 23 Dec 2020 13:56

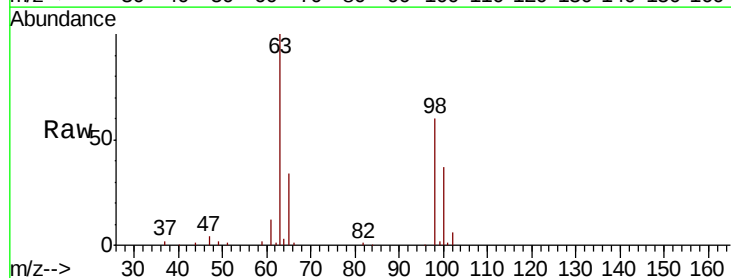
Tgt Ion:101 Resp: 649

Ion Ratio Lower Upper

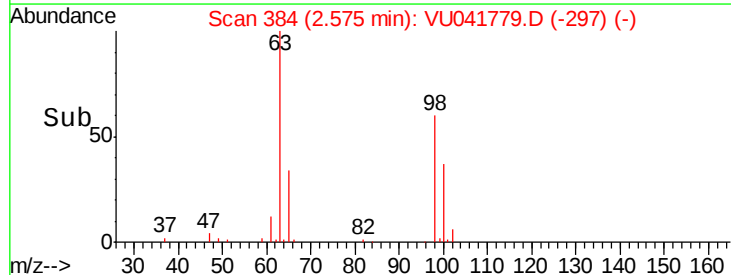
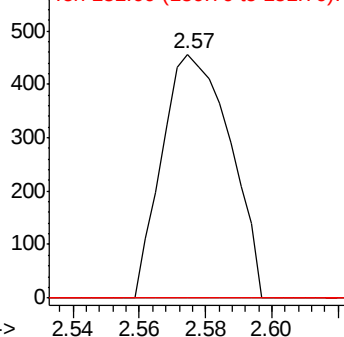
101 100

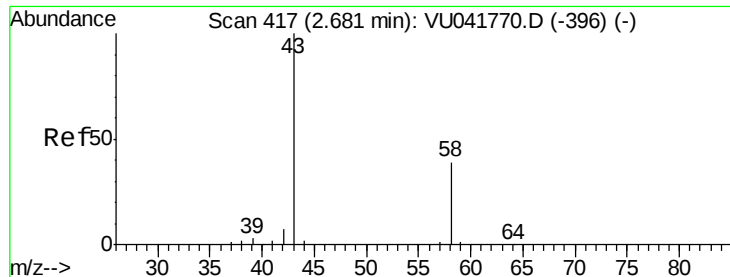
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041779.D (-297) (-)





#13

Acetone

Concen: 12.732 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU041779.D

Acq: 23 Dec 2020 13:56

Instrument :

MSVOA_U

ClientSampleId :

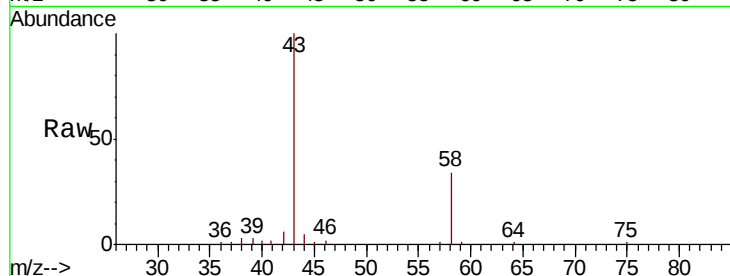
GB246

Tot Ion: 43 Resp: 22996

Ion Ratio Lower Upper

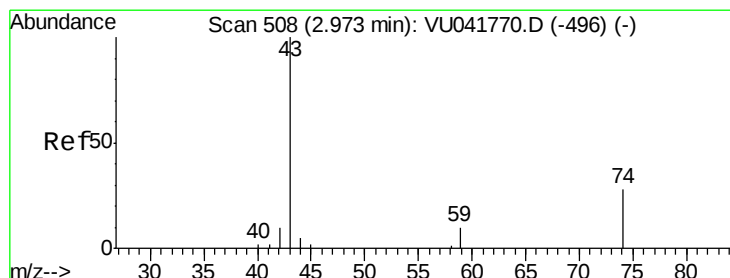
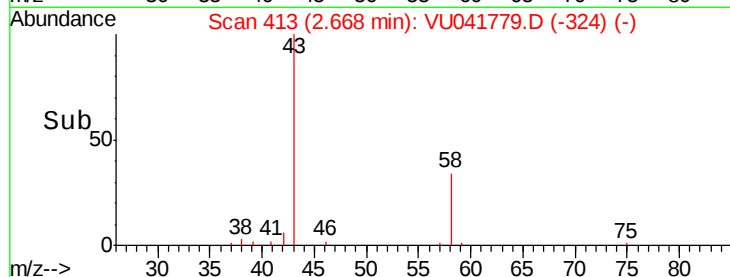
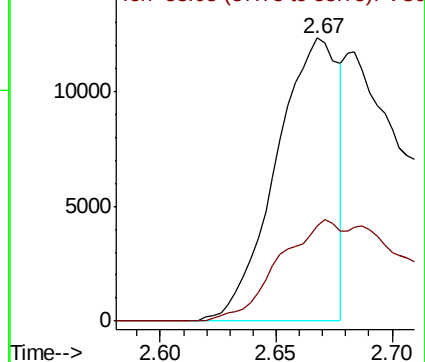
43 100

58 37.8 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.101 ug/L

RT: 2.99 min Scan# 514

Delta R.T. 0.02 min

Lab File: VU041779.D

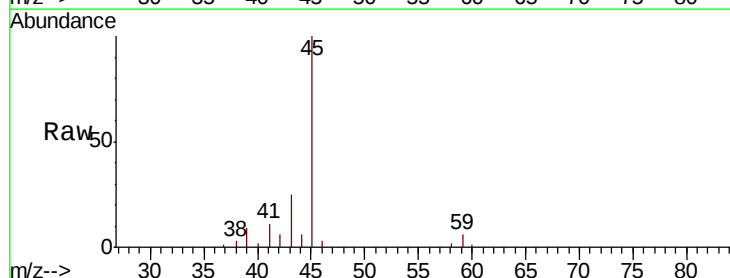
Acq: 23 Dec 2020 13:56

Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

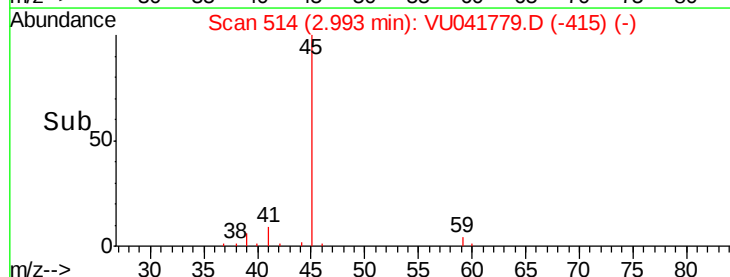
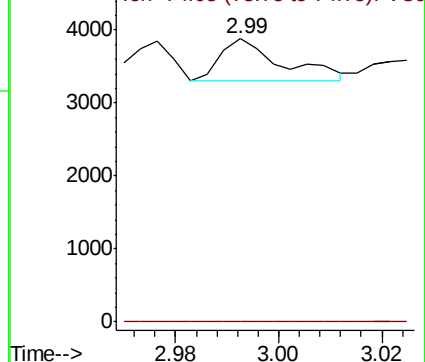
43 100

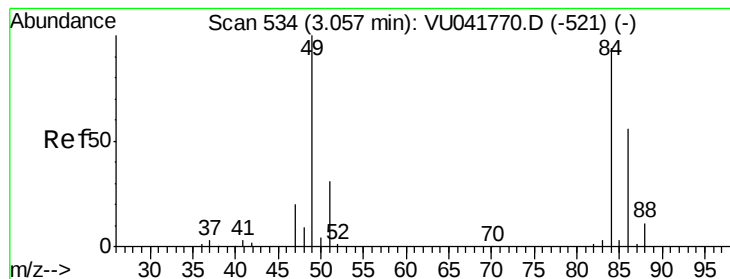
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#16

Methylene chloride

Concen: 0.205 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041779.D

Acq: 23 Dec 2020 13:56

Instrument :

MSVOA_U

ClientSampleId :

GB246

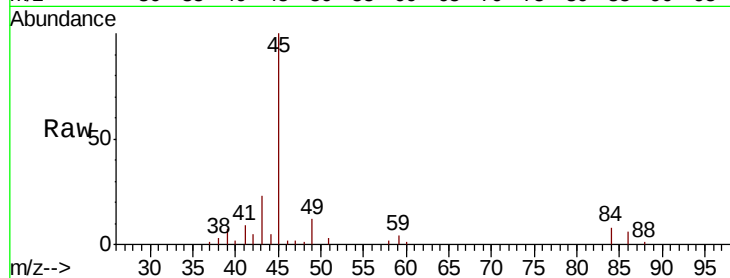
Tot Ion: 84 Resp: 2096

Ion Ratio Lower Upper

84 100

86 73.8 45.1 83.7

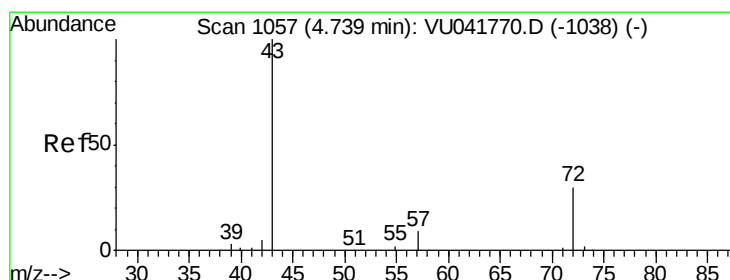
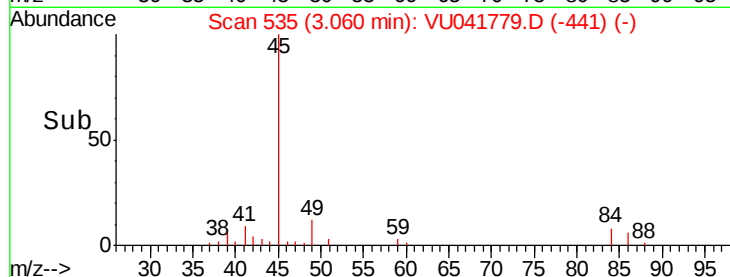
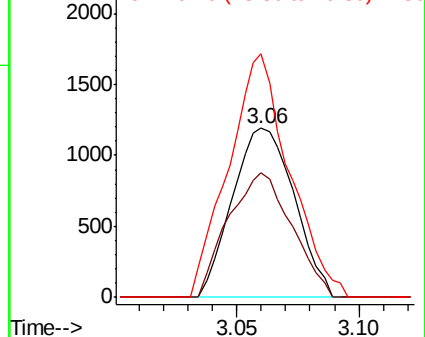
49 143.9 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#21

2-Butanone

Concen: 1.490 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU041779.D

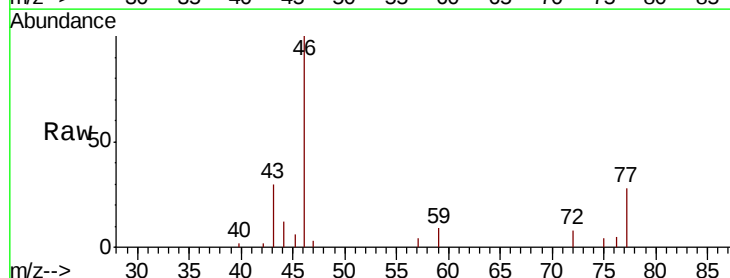
Acq: 23 Dec 2020 13:56

Tgt Ion: 43 Resp: 4383

Ion Ratio Lower Upper

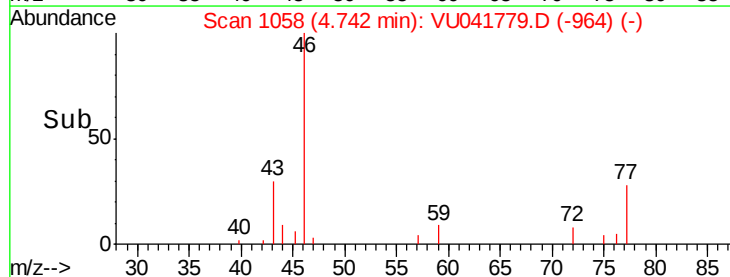
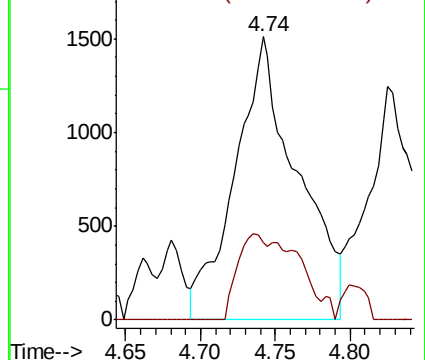
43 100

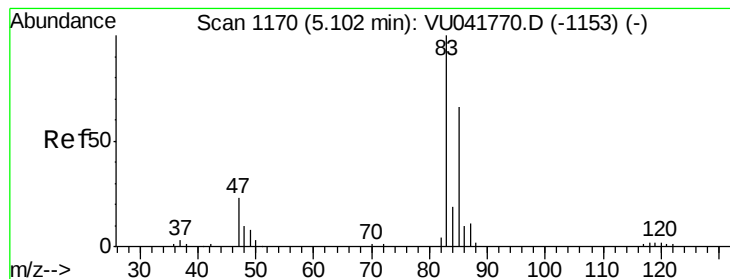
72 14.3 14.6 44.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#25

Chloroform

Concen: 0.057 ug/L

RT: 5.10 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VU041779.D

Acq: 23 Dec 2020 13:56

Instrument :

MSVOA_U

ClientSampleId :

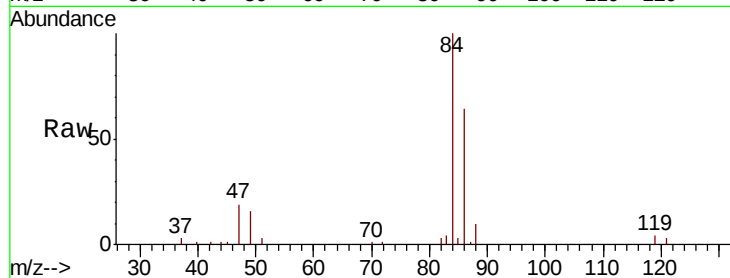
GB246

Tot Ion: 83 Resp: 945

Ion Ratio Lower Upper

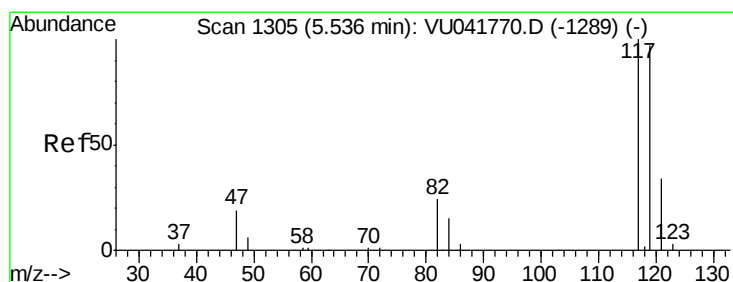
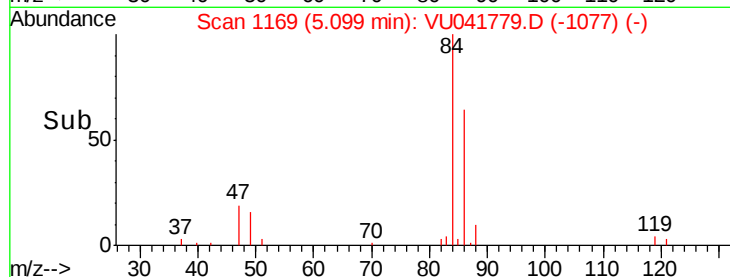
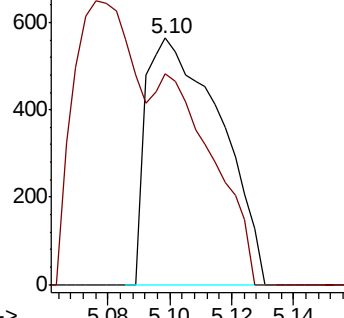
83 100

85 85.8 44.2 82.0#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#31

Carbon tetrachloride

Concen: 3.133 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU041779.D

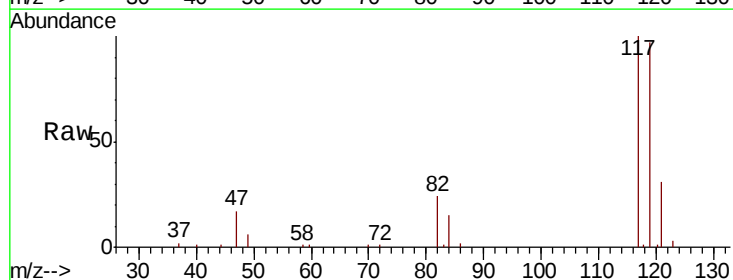
Acq: 23 Dec 2020 13:56

Tgt Ion: 117 Resp: 38753

Ion Ratio Lower Upper

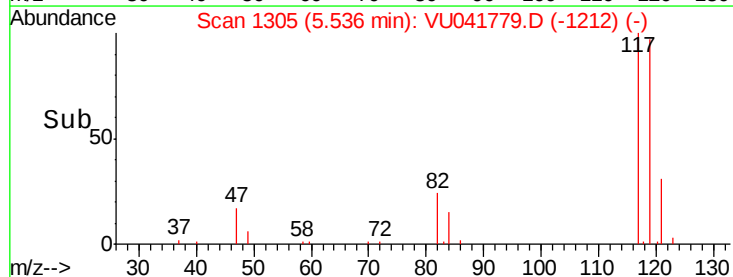
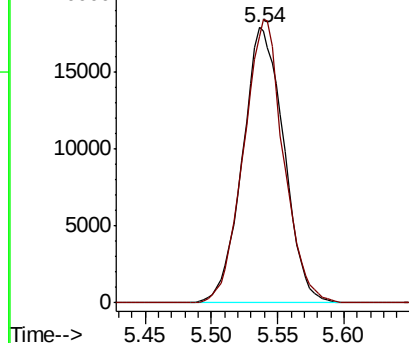
117 100

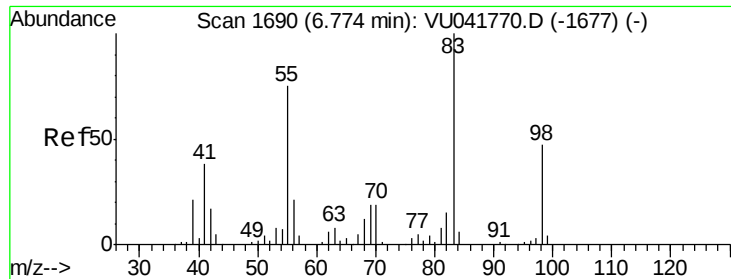
119 99.3 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

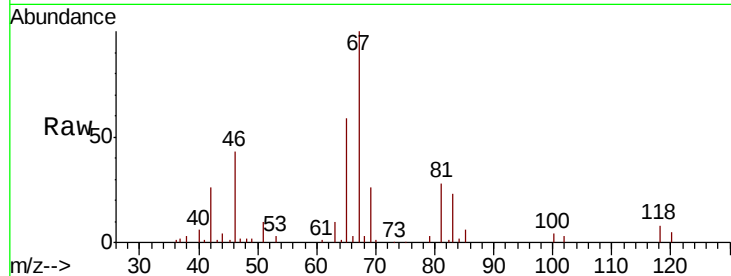




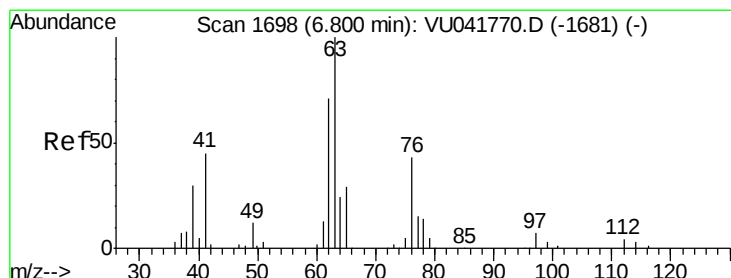
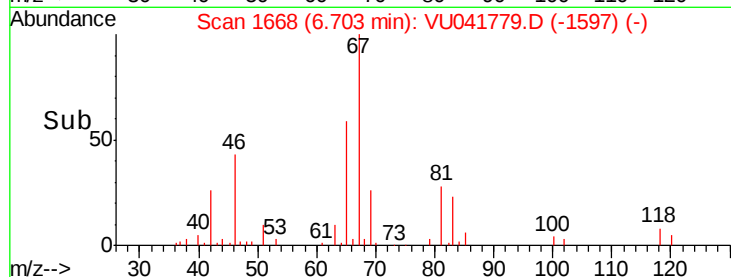
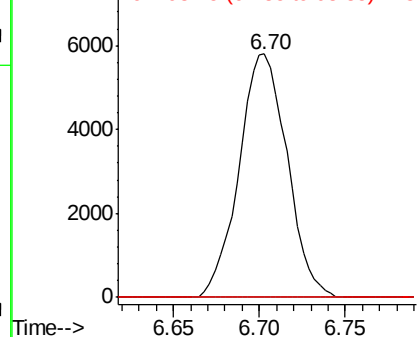
#35
Methvlcvclohexane
Concen: 0.697 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Instrument :
MSVOA_U
ClientSampleId :
GB246

Tot Ion: 83 Resp: 11281
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 2.0 36.6 54.8#

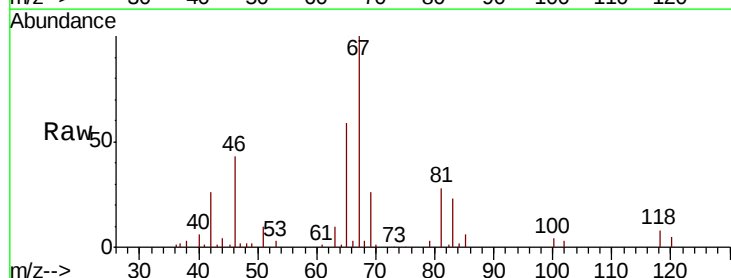


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

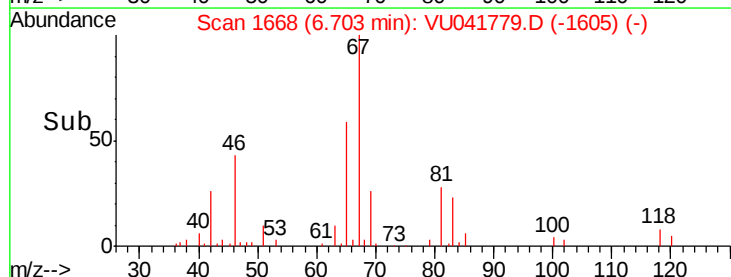
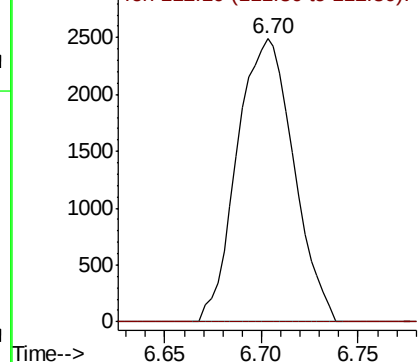


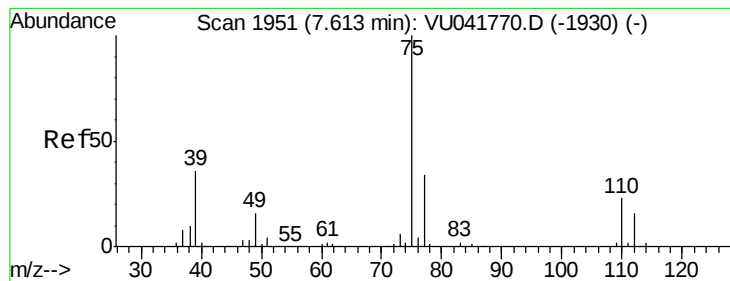
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Tgt Ion: 63 Resp: 5046
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



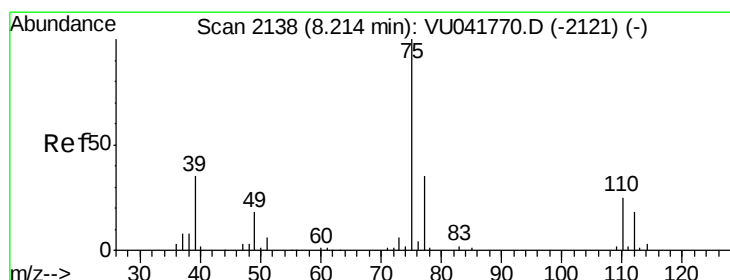
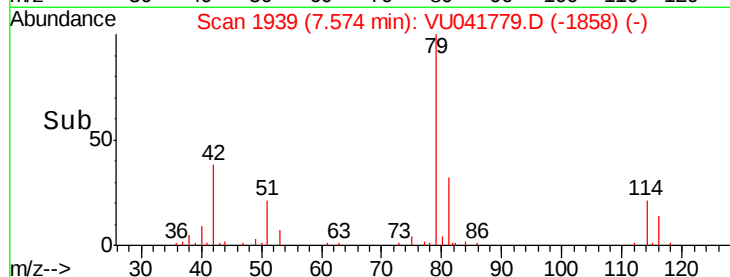
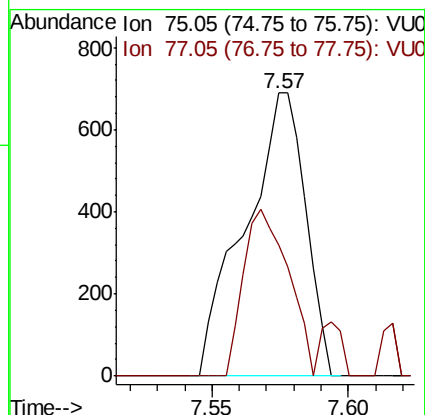
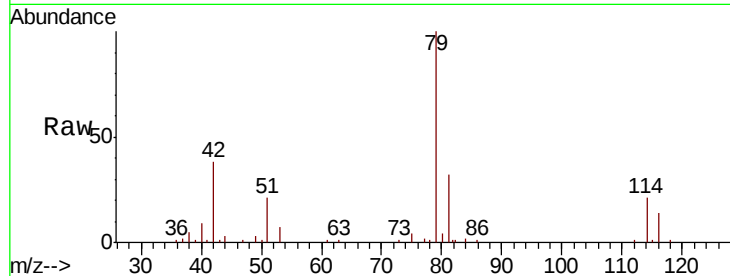


#39

cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Instrument :
MSVOA_U
ClientSampleId :
GB246

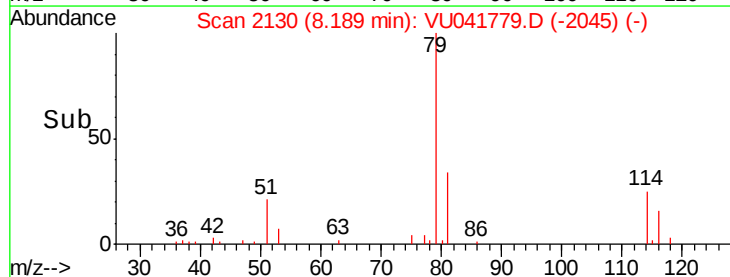
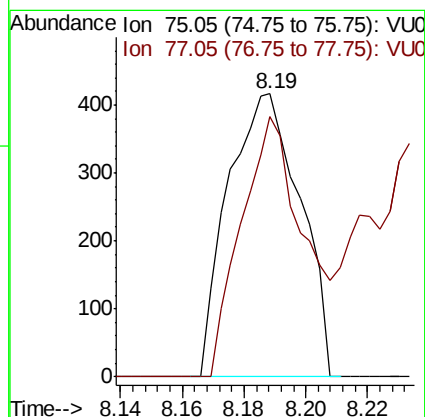
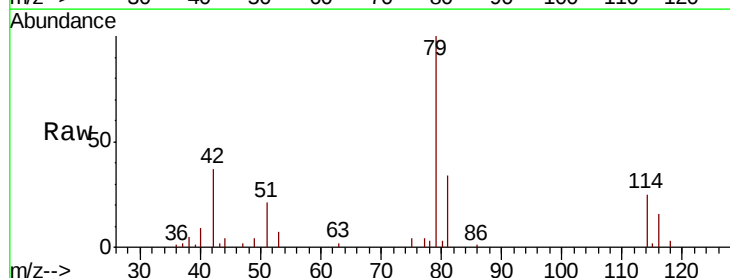
Tot Ion: 75 Resp: 1060
Ion Ratio Lower Upper
75 100
77 46.3 22.3 41.3#

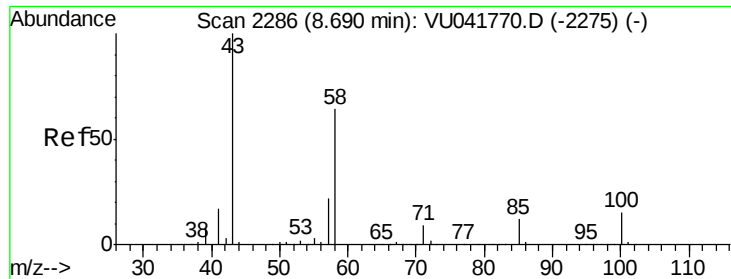


#44

trans-1,3-Dichloropropene
Concen: 0.050 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Tgt Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
77 91.8 23.8 44.2#

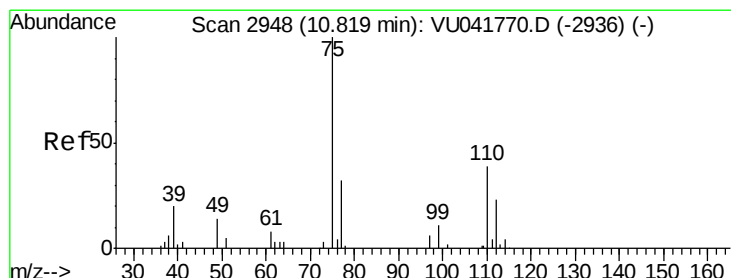
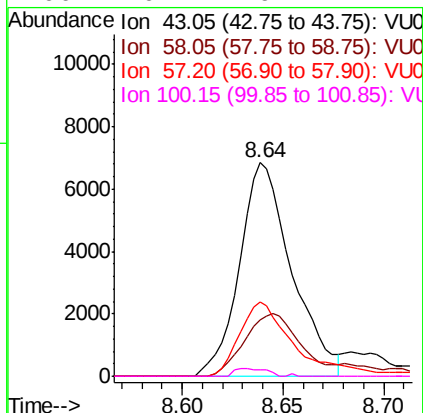
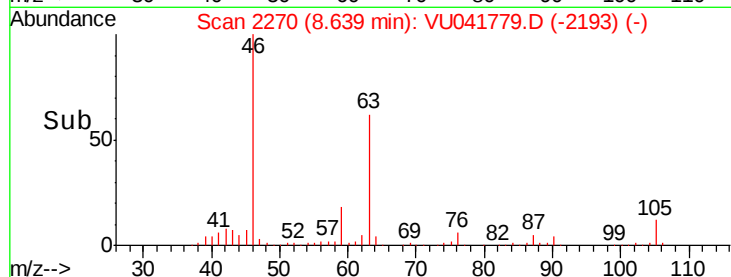
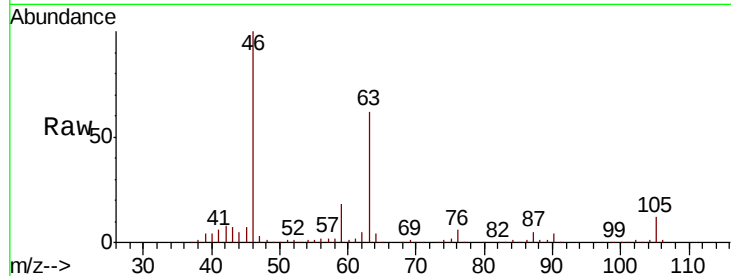




#48
2-Hexanone
Concen: 2.351 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Instrument :
MSVOA_U
ClientSampleId :
GB246

Tot Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
58 30.9 47.9 71.9#
57 37.0 16.5 24.7#
100 0.2 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.692 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041779.D
Acq: 23 Dec 2020 13:56

Tgt Ion: 75 Resp: 5293
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2

