

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041764.D
 Acq On : 23 Dec 2020 00:24
 Operator : SY/MD
 Sample : L5161-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB246

Quant Time: Dec 23 05:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33438	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	37817	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	56815	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	159604	57.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.16%
24) Chloroform-d	5.08	84	81664	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47422	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	156163	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	51741	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	125497	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	19494	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.64	63	136516	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52579	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50181	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

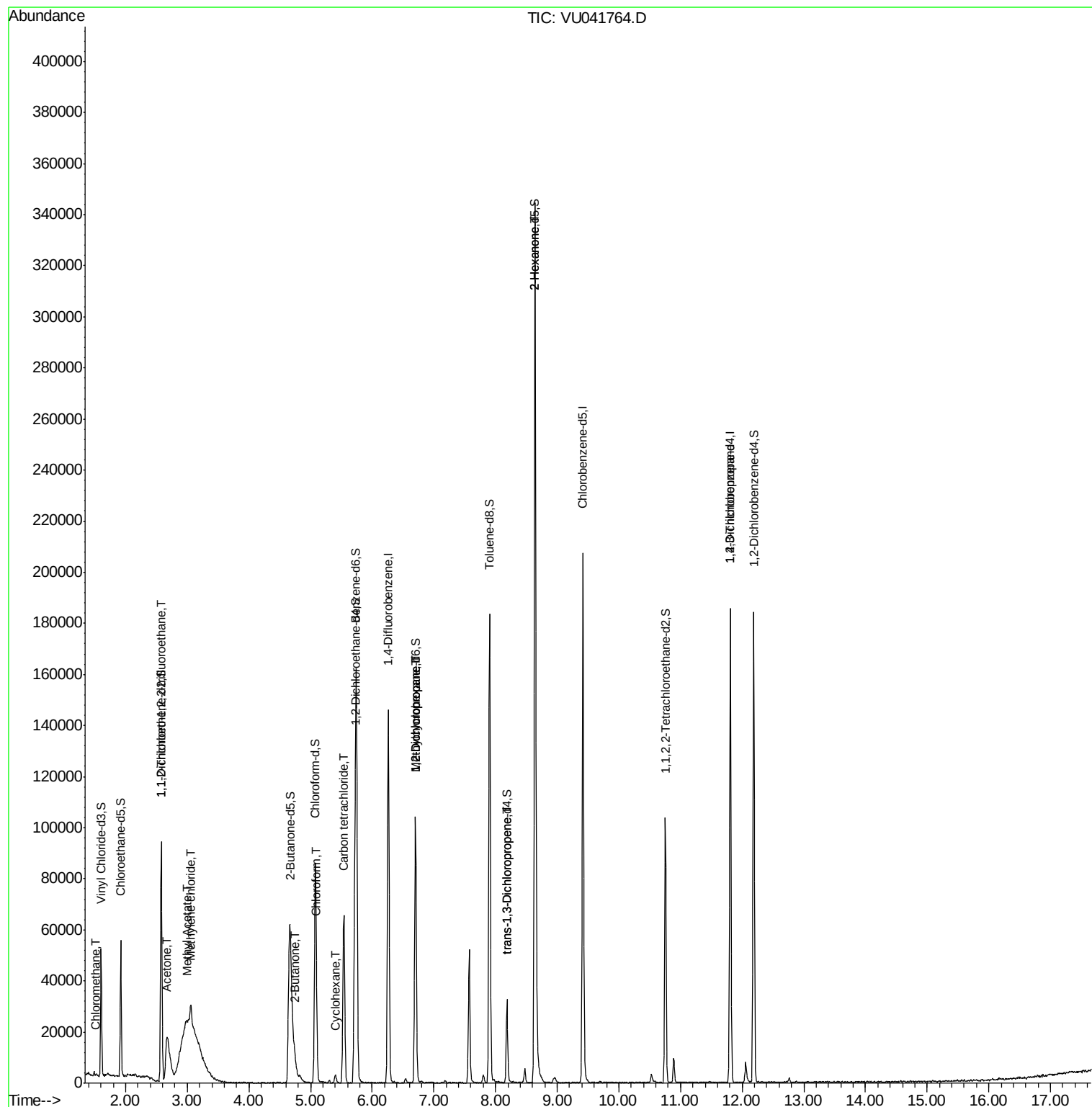
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	578	0.056	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	461	0.054	ug/L #	22
13) Acetone	2.67	43	20133	11.320	ug/L #	28
15) Methyl Acetate	2.98	43	1883	0.407	ug/L #	51
16) Methylene chloride	3.06	84	3622	0.359	ug/L	81
21) 2-Butanone	4.75	43	2554	0.882	ug/L	87
25) Chloroform	5.11	83	1311	0.080	ug/L	80
30) Cyclohexane	5.40	56	1615	0.105	ug/L #	43
31) Carbon tetrachloride	5.54	117	45169	3.799	ug/L	98
35) Methylcyclohexane	6.70	83	11842	0.761	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5340	0.545	ug/L #	89
44) trans-1,3-Dichloropropene	8.18	75	797	0.061	ug/L	87
48) 2-Hexanone	8.64	43	15390	3.034	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	5807	0.789	ug/L	98

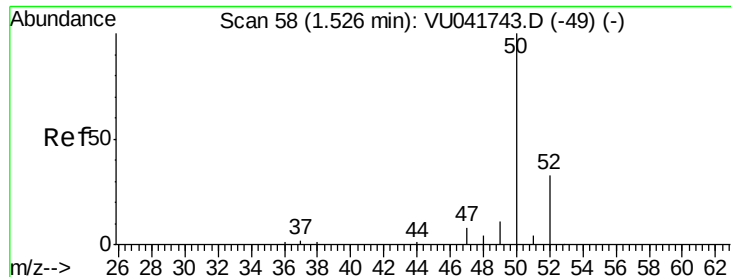
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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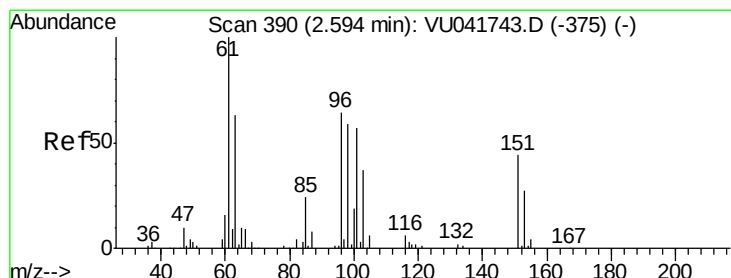
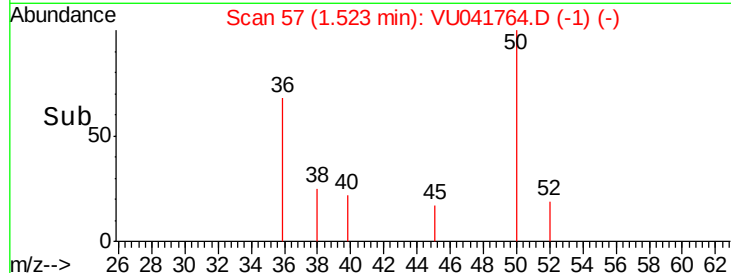
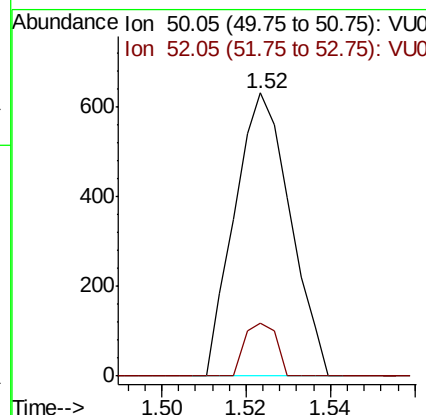
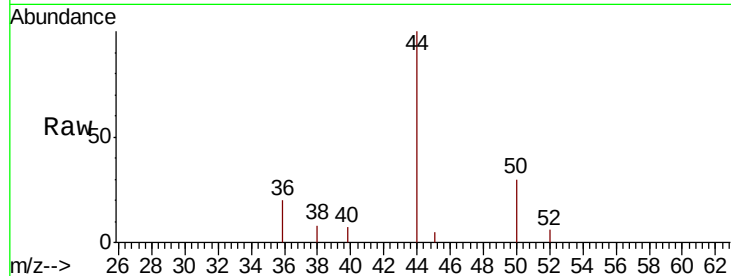




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

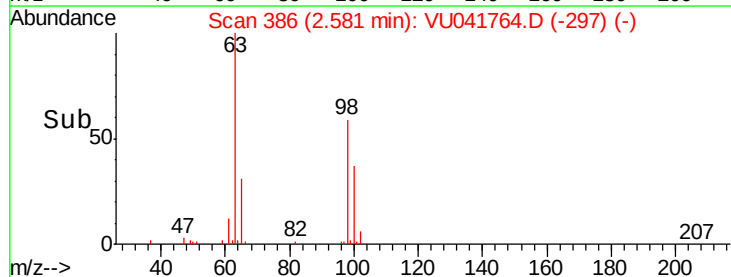
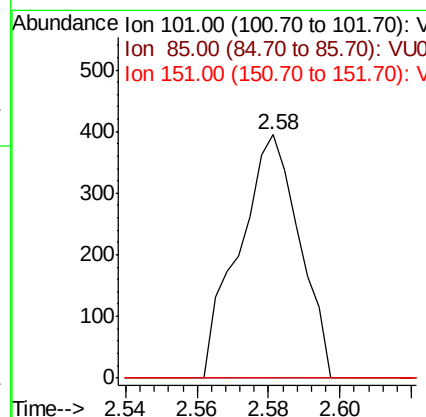
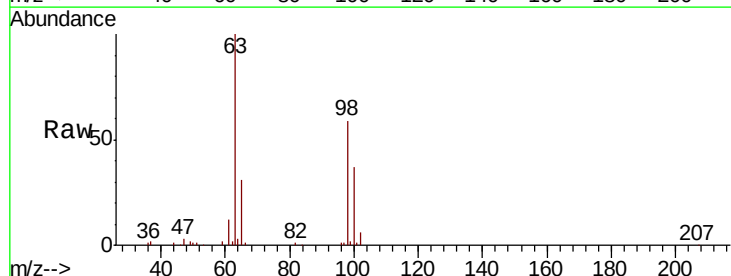
Instrument :
MSVOA_U
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GB246

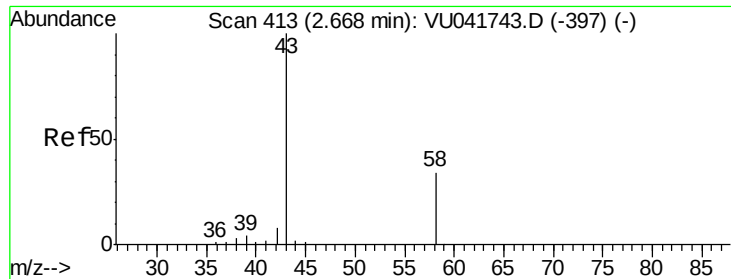
Tot Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 18.5 24.1 44.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Tgt Ion:101 Resp: 461
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#





#13

Acetone

Concen: 11.320 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU041764.D

Acq: 23 Dec 2020 00:24

Instrument :

MSVOA_U

ClientSampleId :

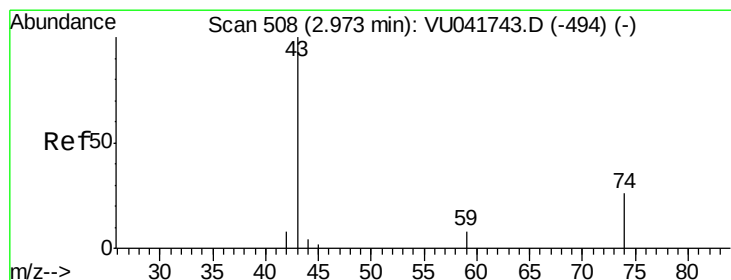
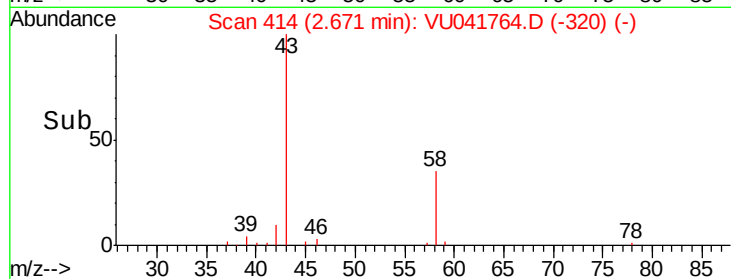
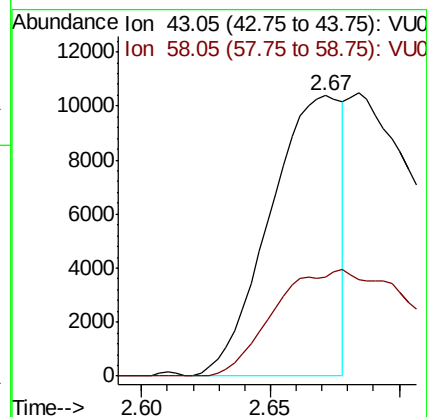
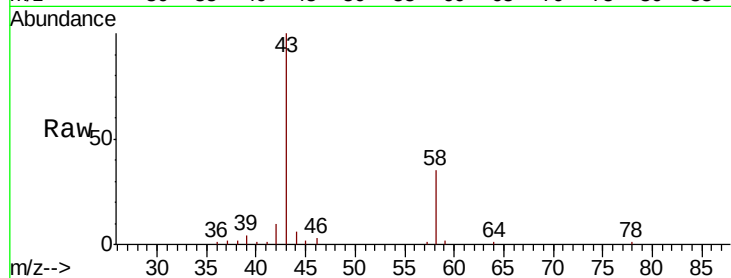
GB246

Tot Ion: 43 Resp: 20133

Ion Ratio Lower Upper

43 100

58 79.5 0.0 73.2#



#15

Methyl Acetate

Concen: 0.407 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.01 min

Lab File: VU041764.D

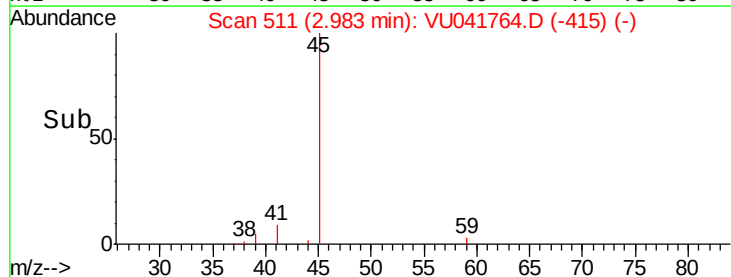
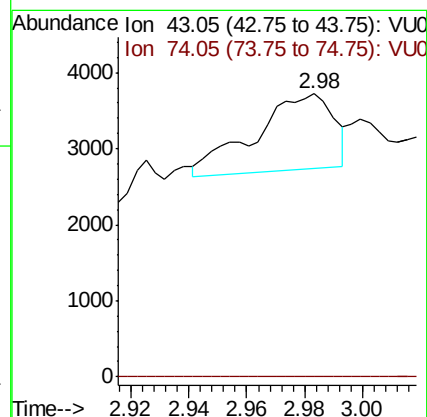
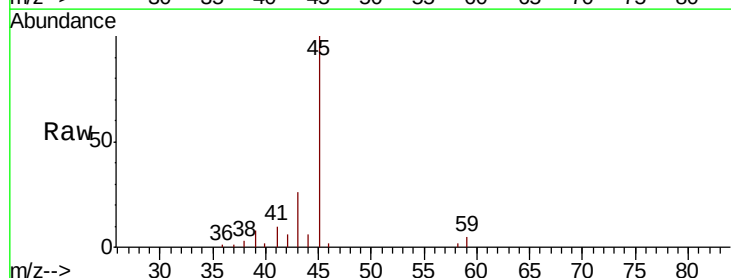
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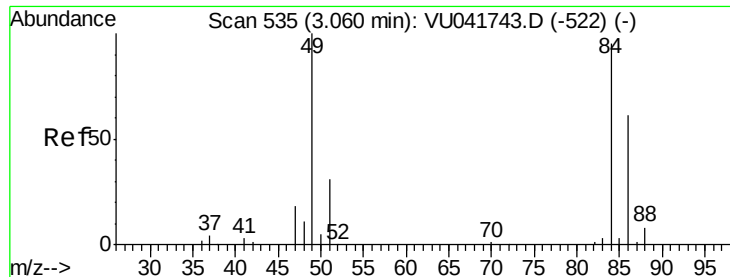
Tgt Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

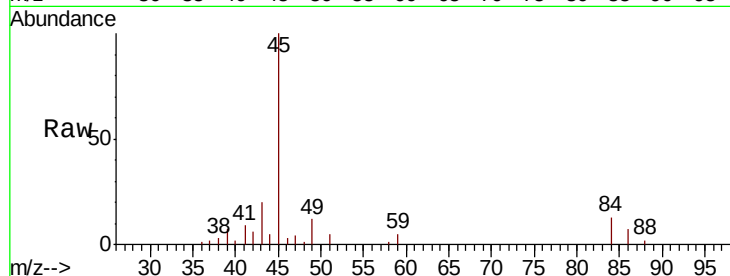




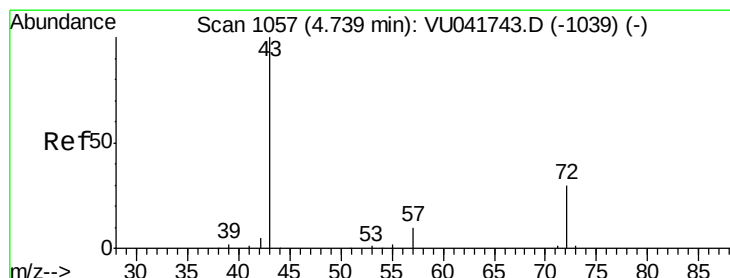
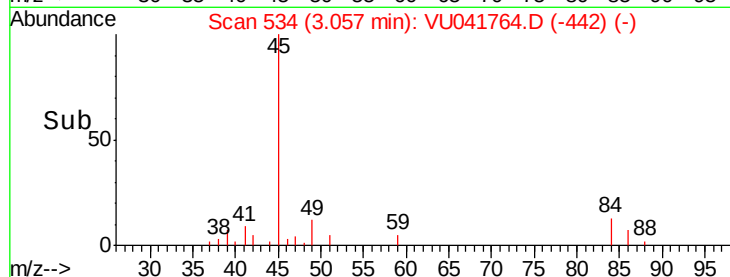
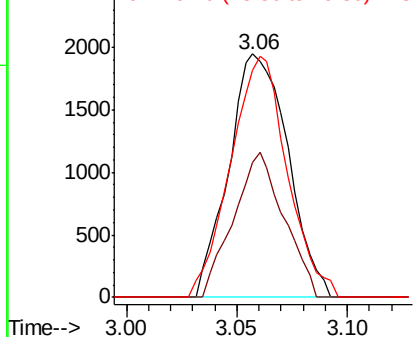
#16
Methylene chloride
Concen: 0.359 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB246

Tot Ion: 84 Resp: 3622
Ion Ratio Lower Upper
84 100
86 55.4 45.1 83.7
49 93.0 83.1 154.3

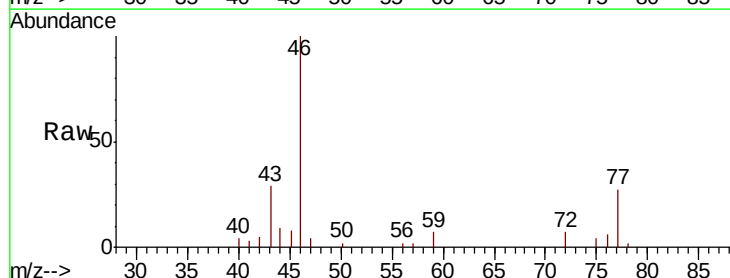


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

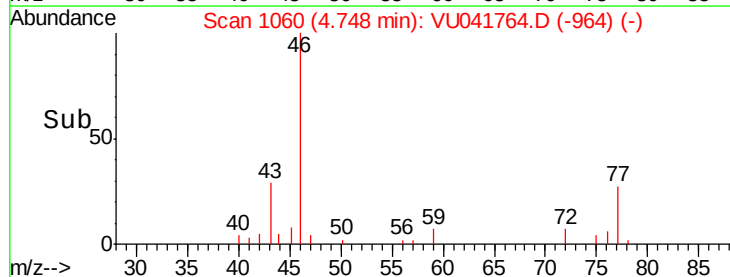
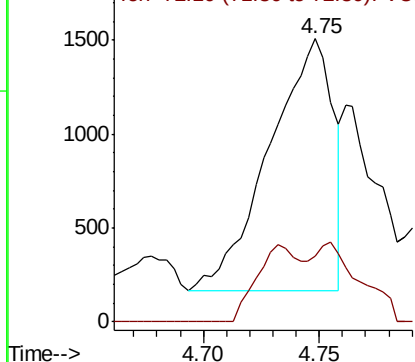


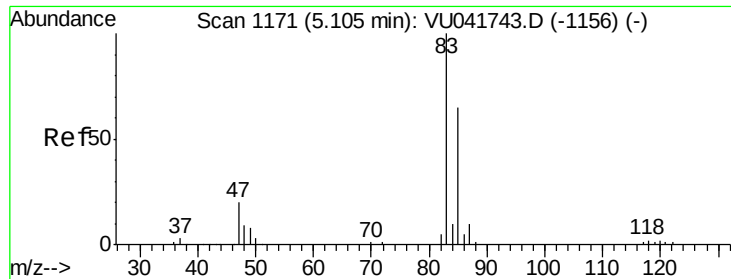
#21
2-Butanone
Concen: 0.882 ug/L
RT: 4.75 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
72 22.2 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

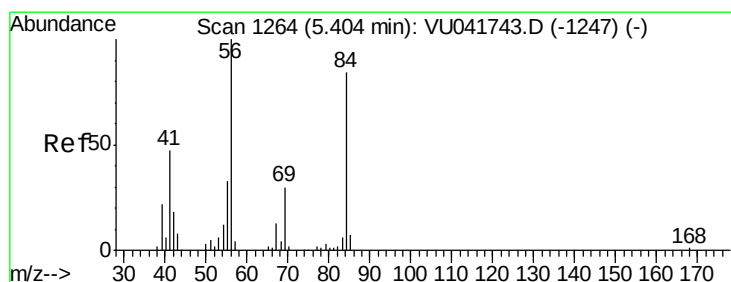
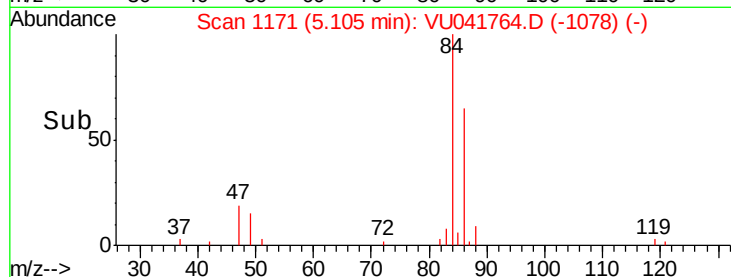
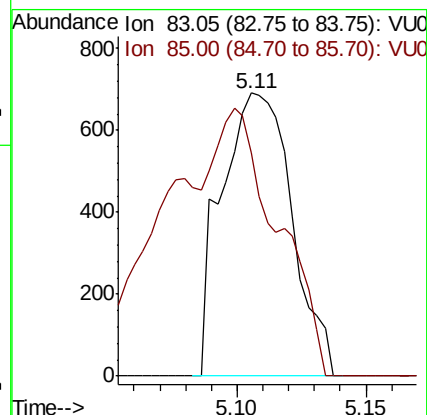
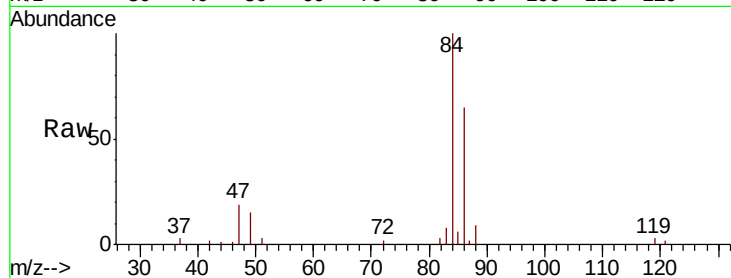




#25
Chloroform
Concen: 0.080 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

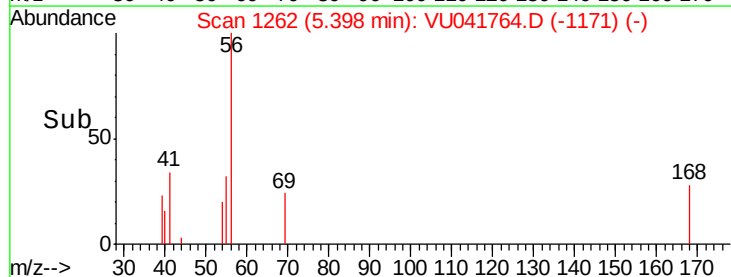
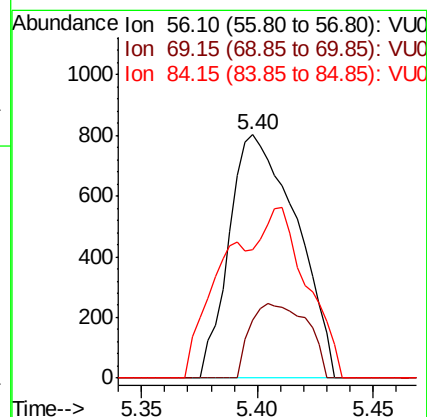
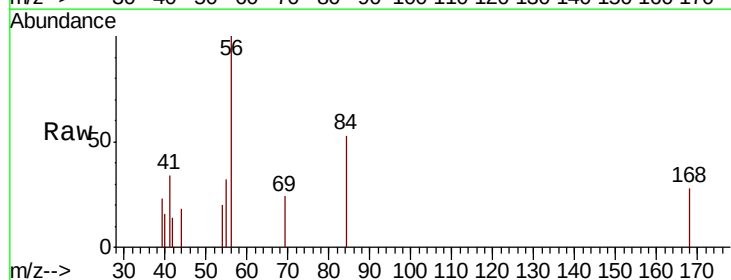
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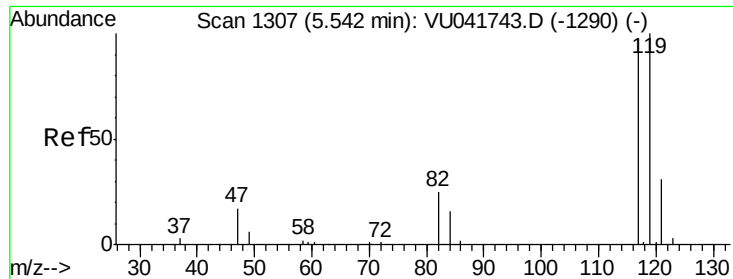
Tot Ion: 83 Resp: 1311
Ion Ratio Lower Upper
83 100
85 78.7 44.2 82.0



#30
Cyclohexane
Concen: 0.105 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Tgt Ion: 56 Resp: 1615
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.8#
84 31.5 66.2 99.4#

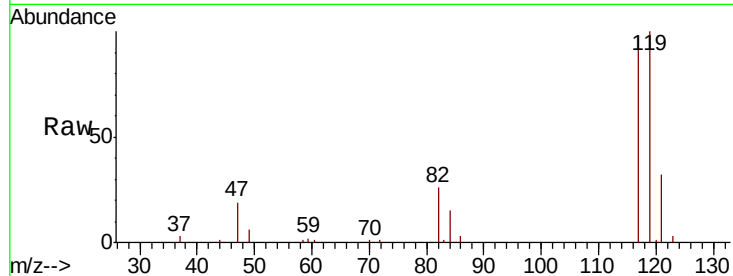




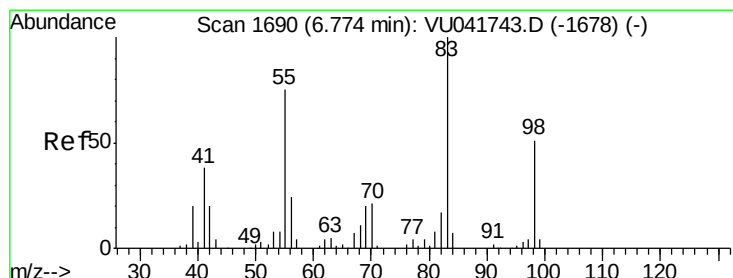
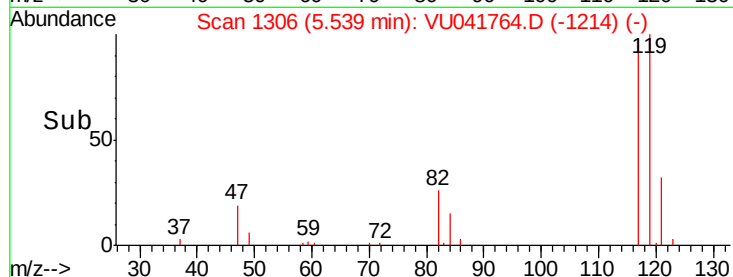
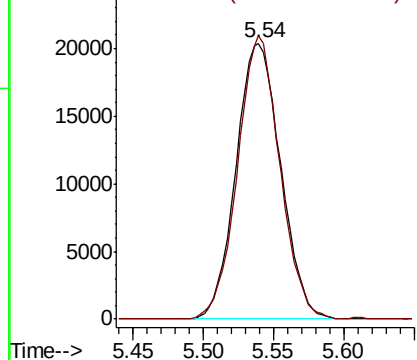
#31
Carbon tetrachloride
Concen: 3.799 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB246

Tot Ion:117 Resp: 45169
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.2

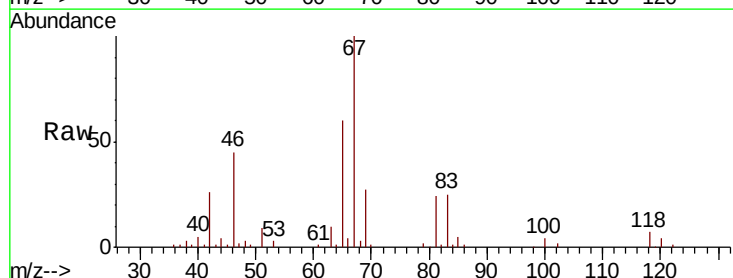


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

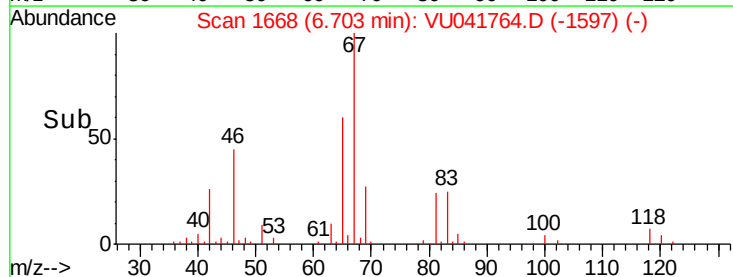
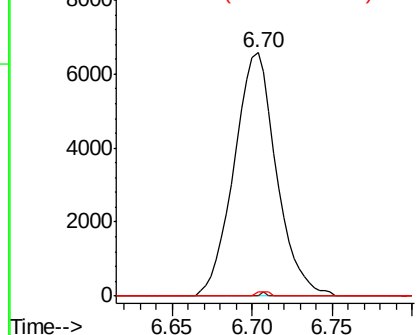


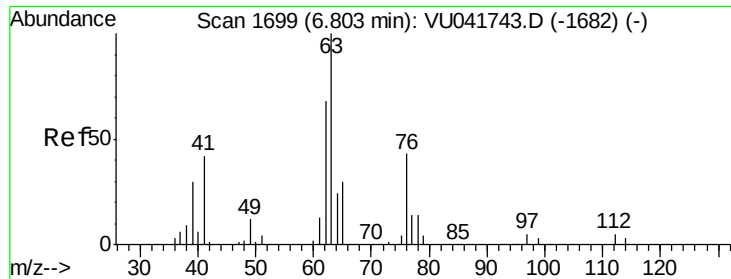
#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Tgt Ion: 83 Resp: 11842
Ion Ratio Lower Upper
83 100
55 0.2 61.2 91.8#
98 0.5 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

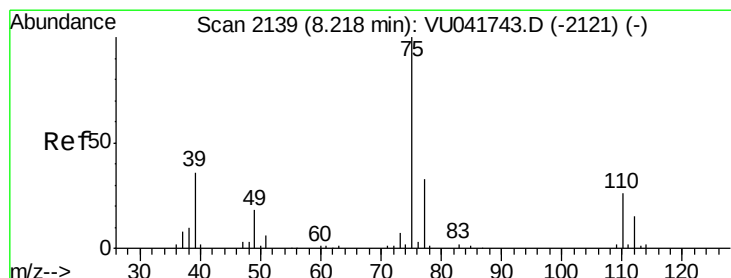
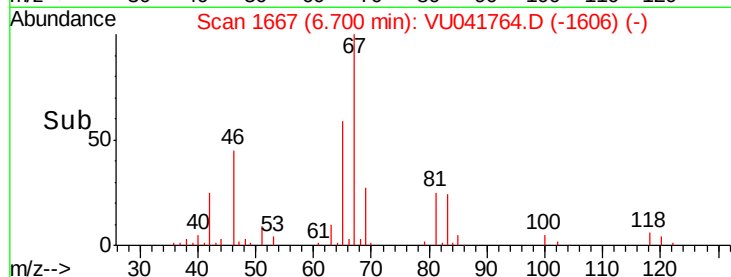
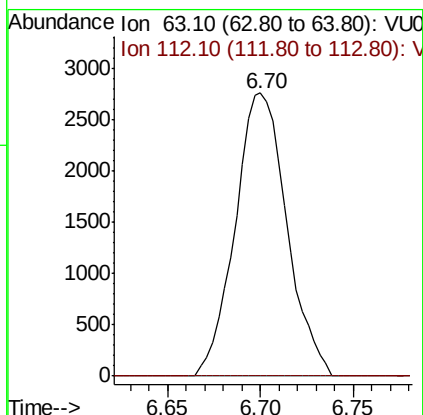
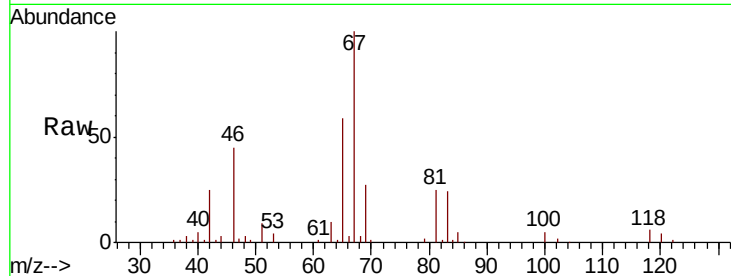




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041764.D
 Acq: 23 Dec 2020 00:24

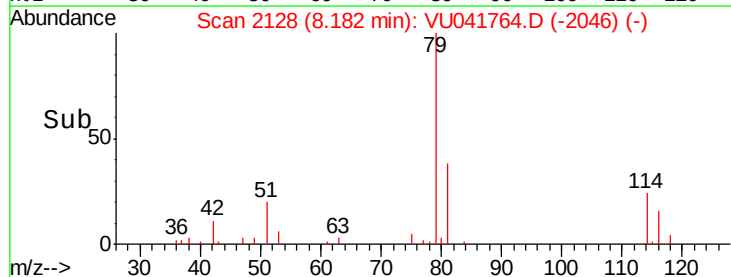
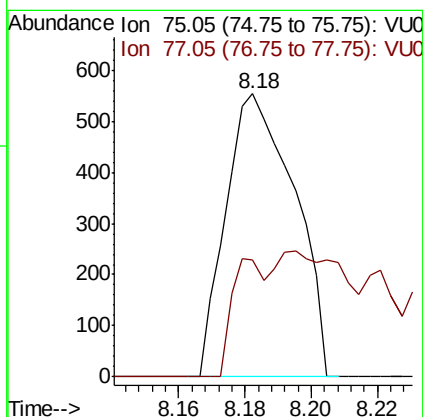
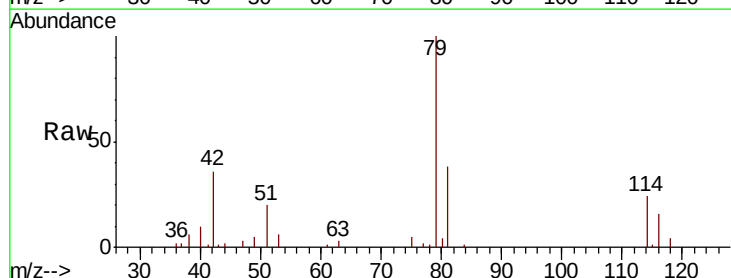
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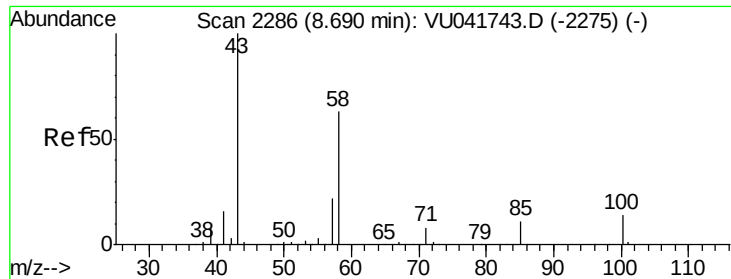
Tot Ion: 63 Resp: 5340
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU041764.D
 Acq: 23 Dec 2020 00:24

Tgt Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 41.3 23.8 44.2

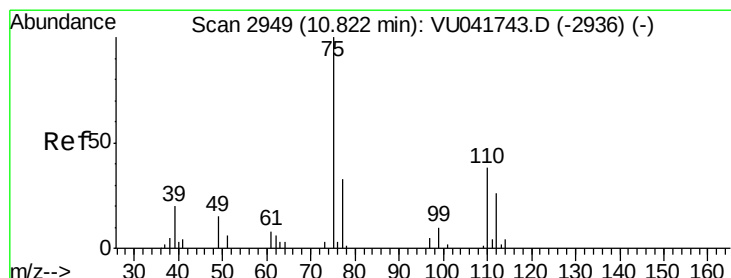
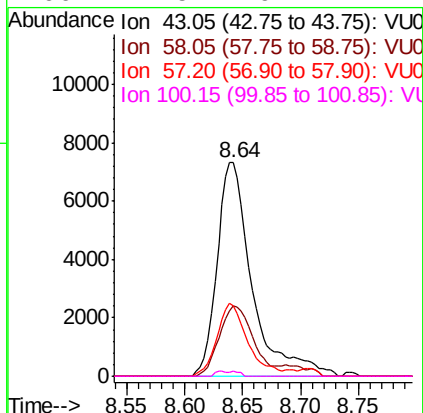
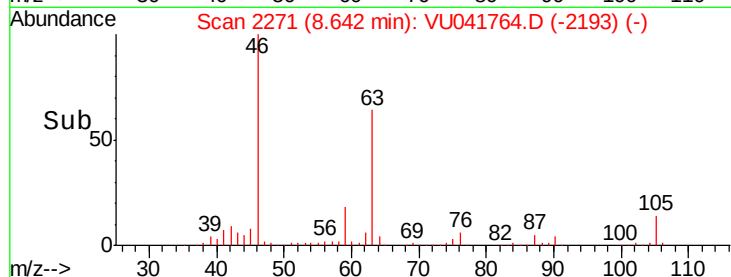
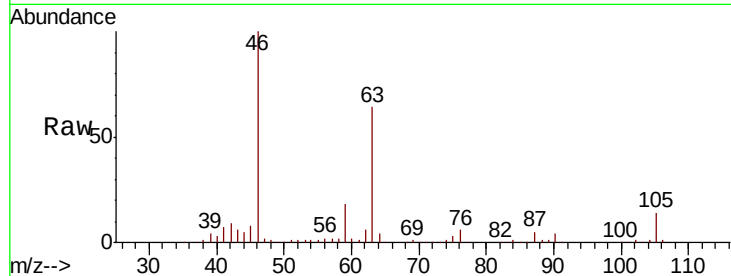




#48
2-Hexanone
Concen: 3.034 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Instrument :
MSVOA_U
ClientSampleId :
GB246

Tot Ion: 43 Resp: 15390
Ion Ratio Lower Upper
43 100
58 31.4 47.9 71.9#
57 30.2 16.5 24.7#
100 1.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.789 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041764.D
Acq: 23 Dec 2020 00:24

Tgt Ion: 75 Resp: 5807
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2

