

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041763.D
 Acq On : 23 Dec 2020 00:00
 Operator : SY/MD
 Sample : L5161-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB245

Quant Time: Dec 23 05:11:32 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	133743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34050	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.92	69	37184	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.57	63	54266	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.66	46	159604	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	5.08	84	87725	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47841	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	159748	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	53701	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	130736	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.18	79	21568	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	141270	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53698	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	53528	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

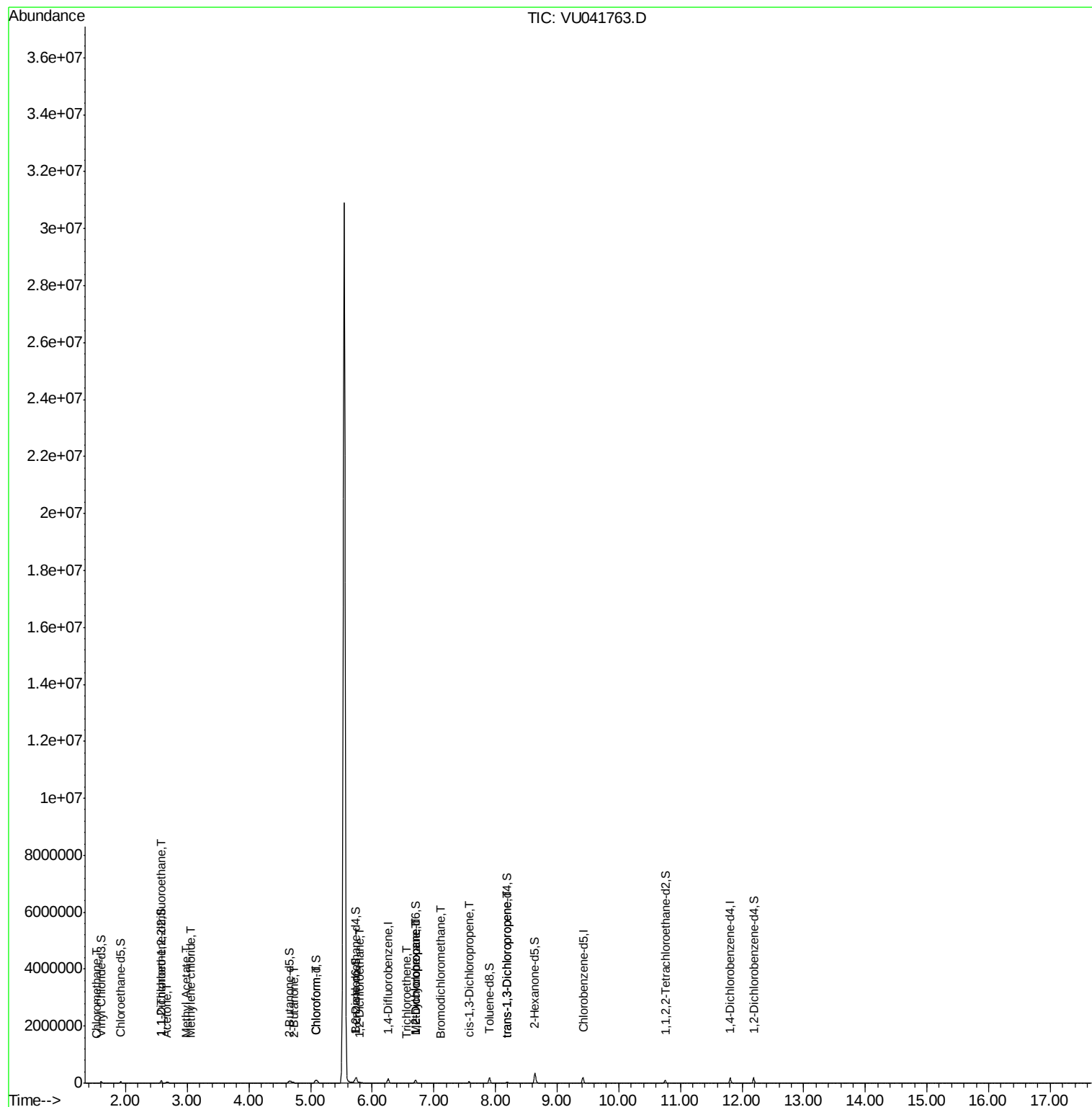
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	498	0.045	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	540	0.059	ug/L #	22
13) Acetone	2.67	43	56213	29.424	ug/L	99
15) Methyl Acetate	2.97	43	736	0.148	ug/L #	51
16) Methylene chloride	3.06	84	1870	0.173	ug/L	79
21) 2-Butanone	4.74	43	5699	1.831	ug/L #	61
25) Chloroform	5.11	83	66770	3.780	ug/L	100
27) 1,2-Dichloroethane	5.80	62	402	0.034	ug/L #	73
34) Trichloroethene	6.55	95	2267	0.224	ug/L	96
35) Methylcyclohexane	6.70	83	12417	0.758	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5839	0.566	ug/L #	88
38) Bromodichloromethane	7.11	83	1714	0.134	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1269	0.083	ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	860	0.063	ug/L #	73

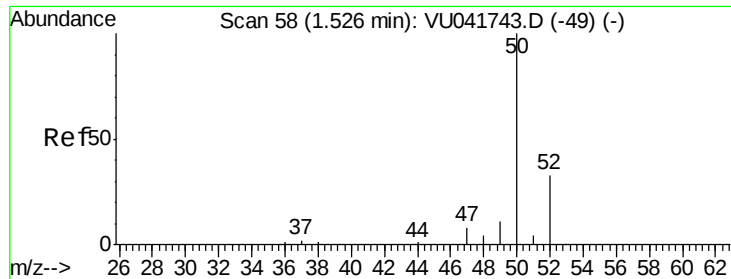
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.045 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

Instrument :

MSVOA_U

ClientSampled :

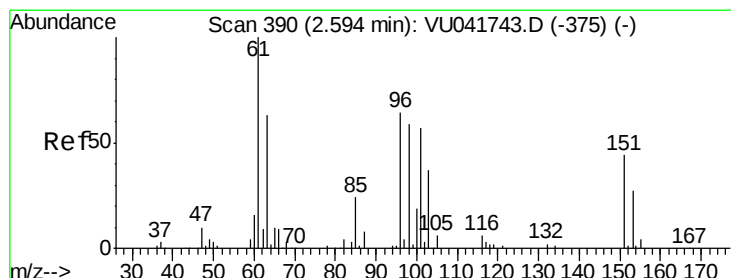
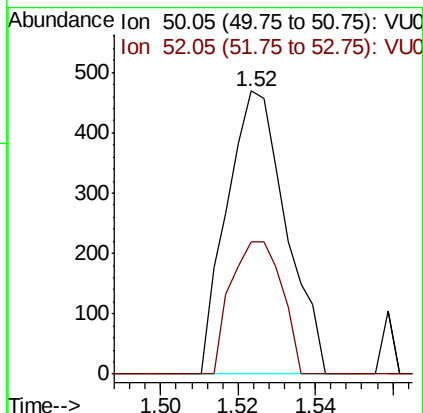
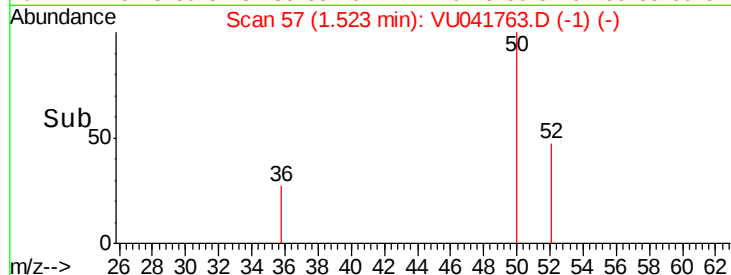
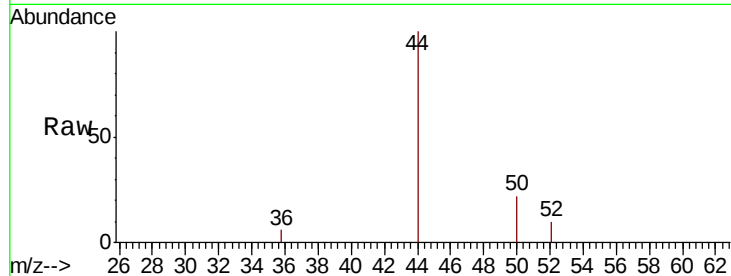
GB245

Tot Ion: 50 Resp: 498

Ion Ratio Lower Upper

50 100

52 46.9 24.1 44.8#



#10

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

Concen: 0.059 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

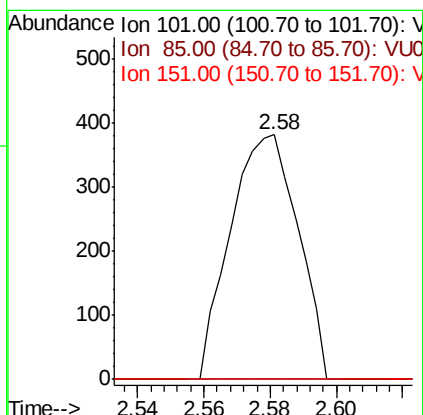
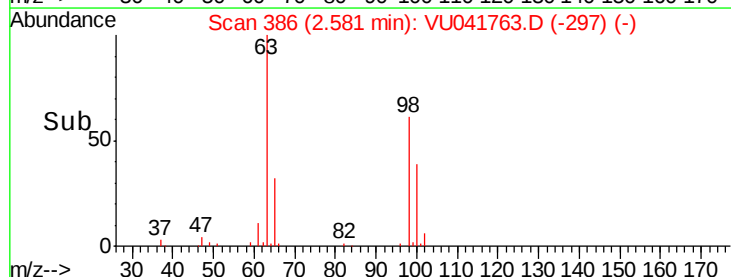
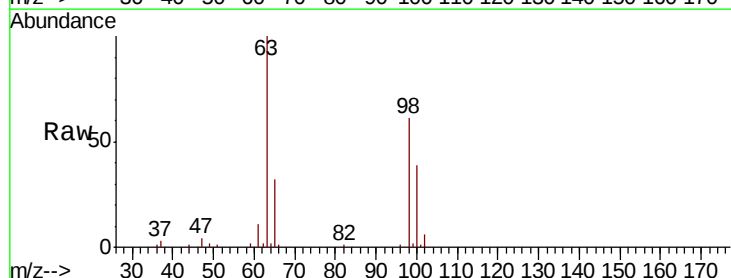
Tgt Ion: 101 Resp: 540

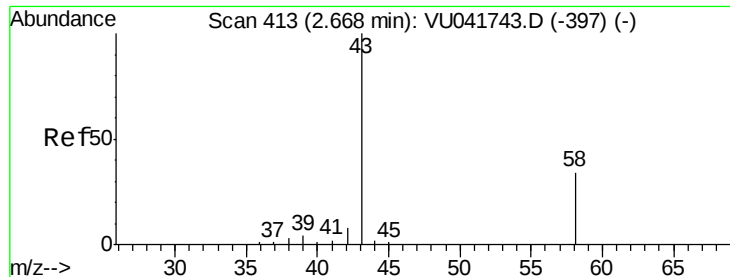
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#





#13

Acetone

Concen: 29.424 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

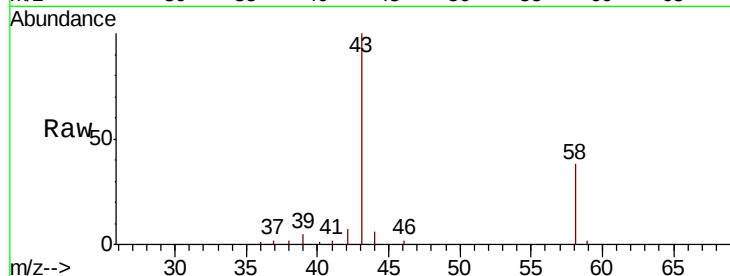
GB245

Tot Ion: 43 Resp: 56213

Ion Ratio Lower Upper

43 100

58 35.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041763.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU041763.D (-397) (-)

2.67

15000

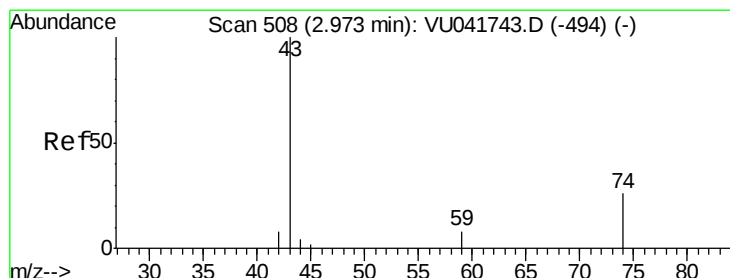
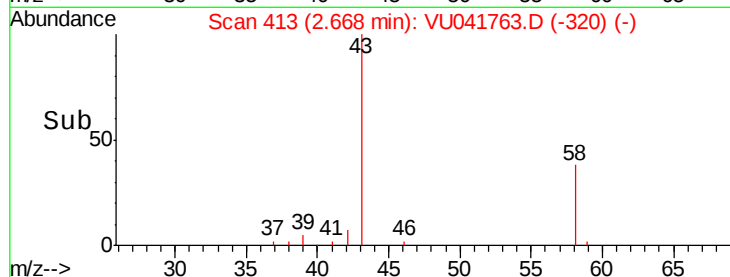
10000

5000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 0.148 ug/L

RT: 2.97 min Scan# 507

Delta R.T. -0.00 min

Lab File: VU041763.D

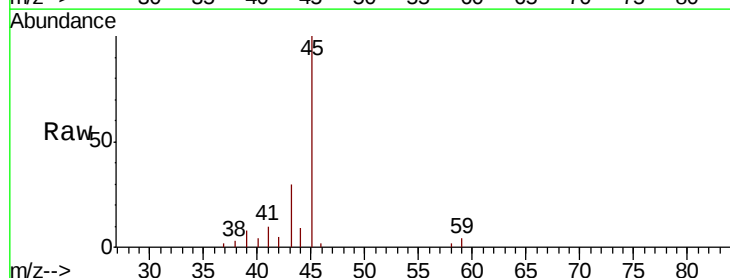
Acq: 23 Dec 2020 00:00

Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041763.D (-494) (-)

Ion 74.05 (73.75 to 74.75): VU041763.D (-494) (-)

2.97

2000

1500

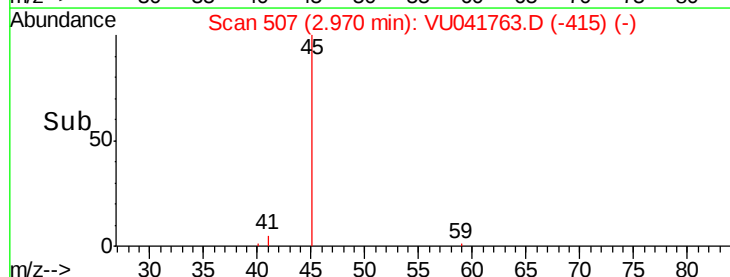
1000

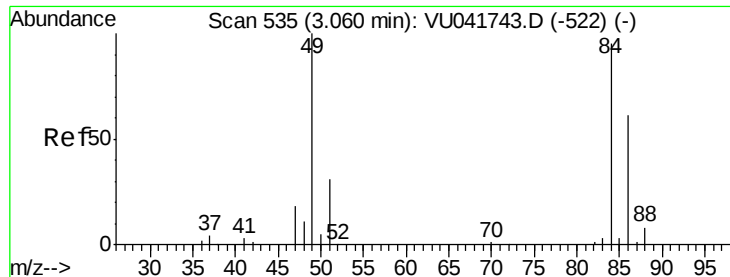
500

0

Time-->

2.94 2.96 2.98

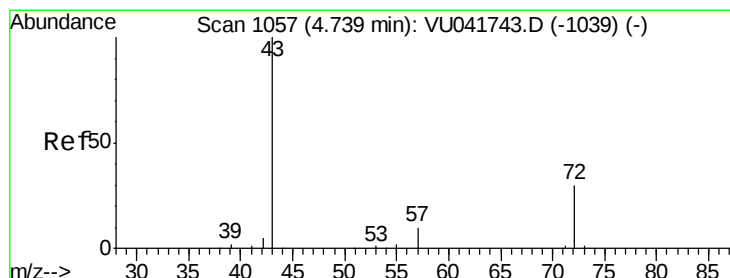
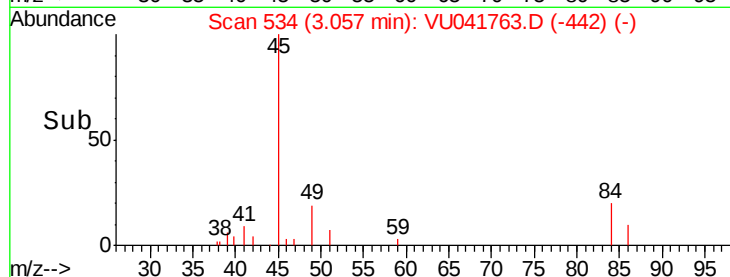
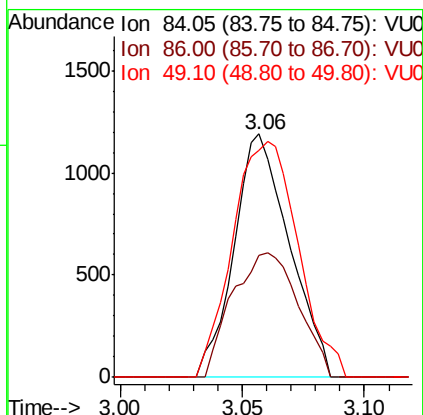
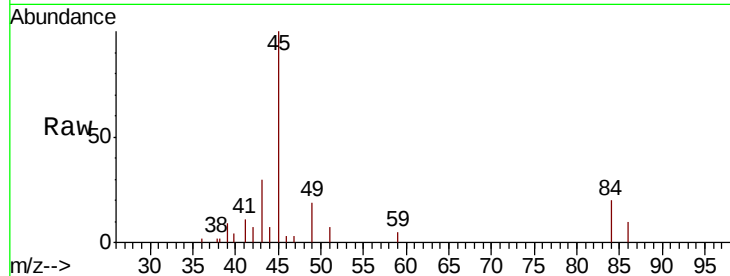




#16
Methvlene chloride
Concen: 0.173 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

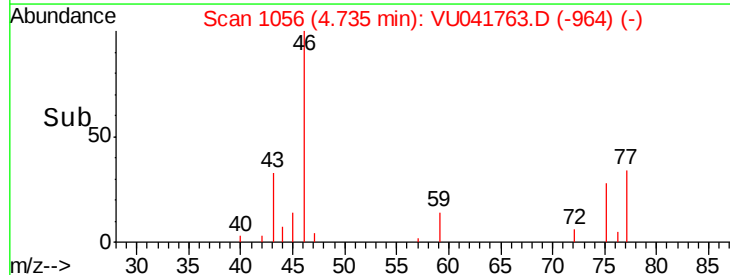
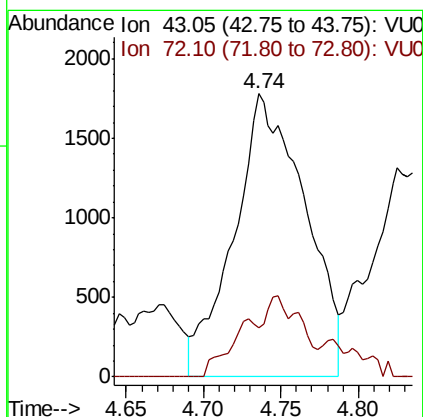
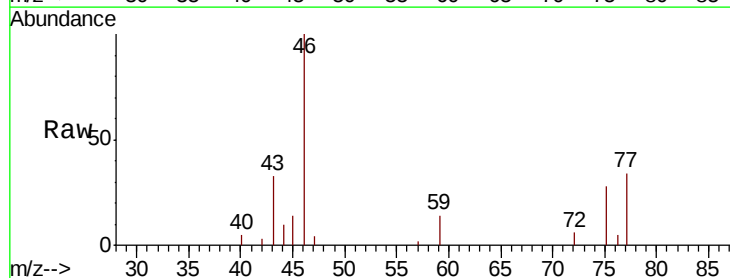
Instrument :
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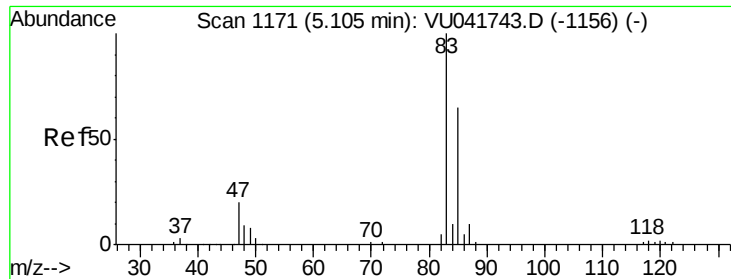
Tot Ion: 84 Resp: 1870
Ion Ratio Lower Upper
84 100
86 49.9 45.1 83.7
49 93.5 83.1 154.3



#21
2-Butanone
Concen: 1.831 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
72 8.4 14.6 44.0#

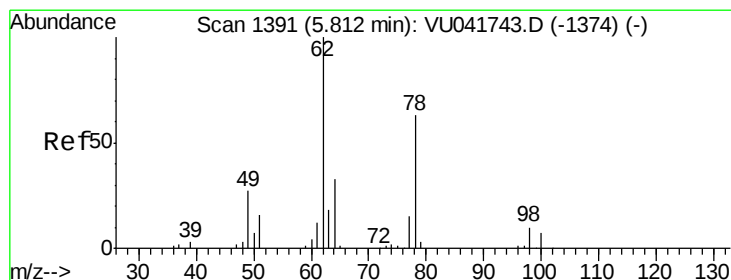
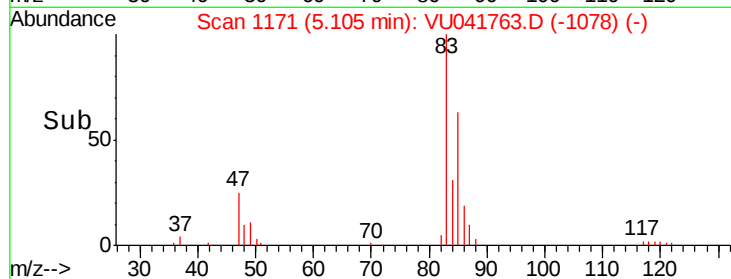
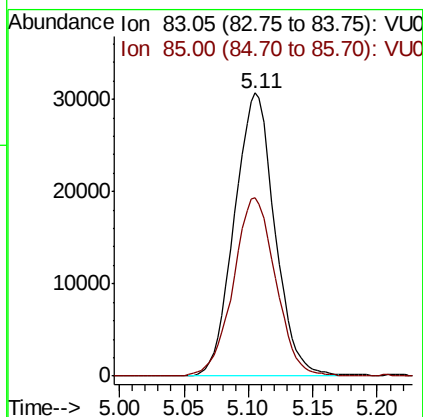
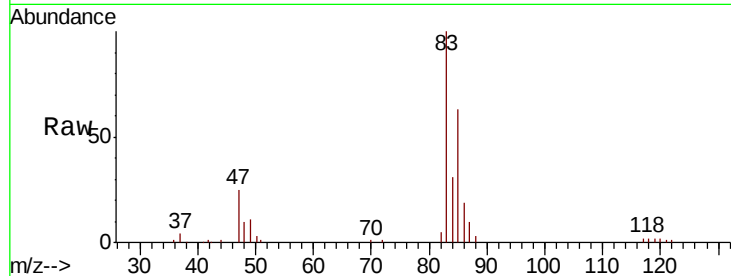




#25
Chloroform
Concen: 3.780 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

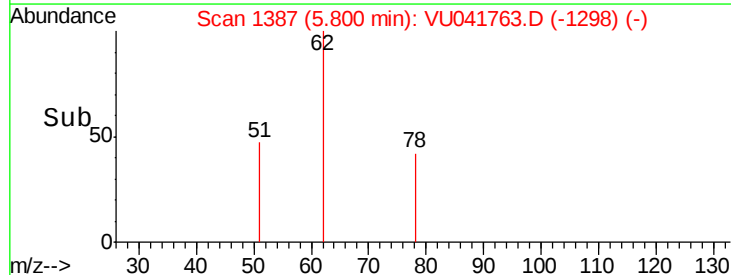
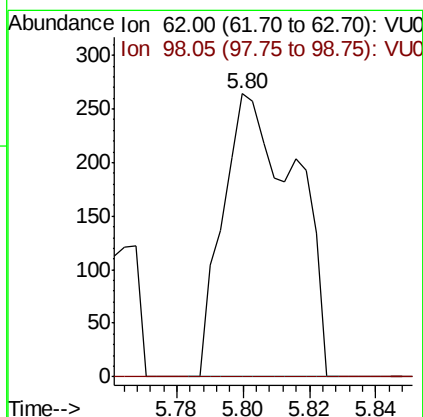
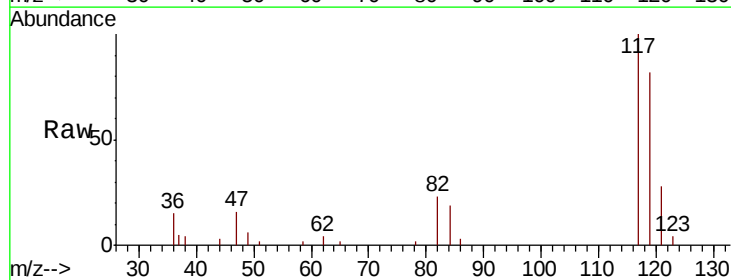
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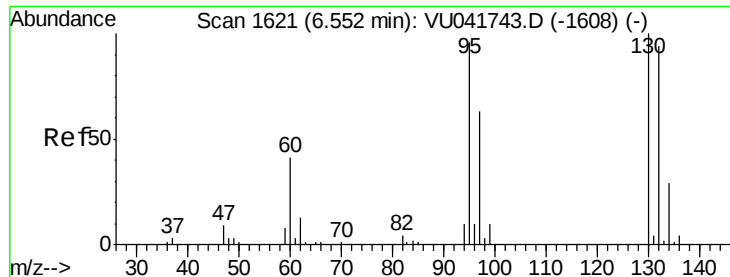
Tot Ion: 83 Resp: 66770
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.034 ug/L
RT: 5.80 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Tgt Ion: 62 Resp: 402
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

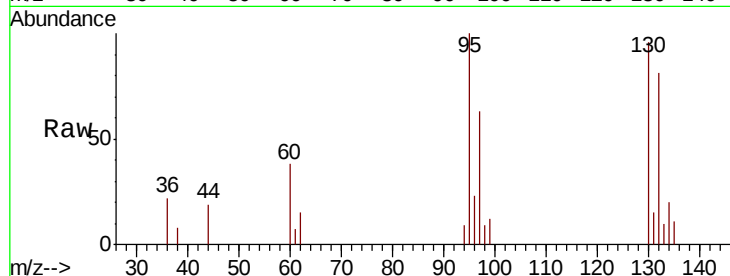




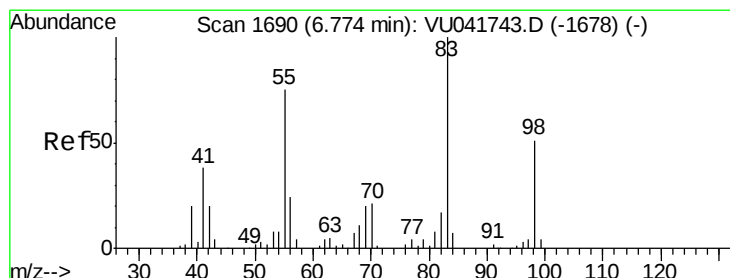
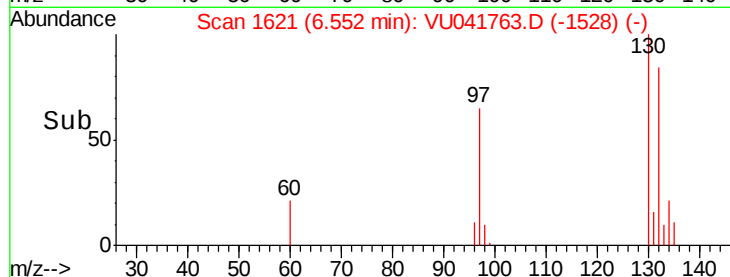
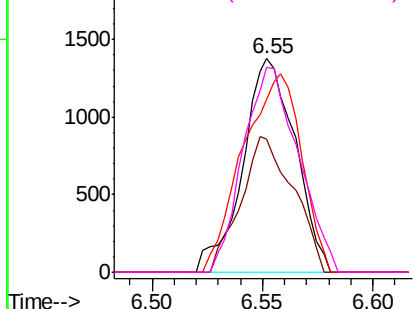
#34
 Trichloroethene
 Concen: 0.224 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041763.D
 Acq: 23 Dec 2020 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 95 Resp: 2267
 Ion Ratio Lower Upper
 95 100
 97 62.6 43.9 81.5
 132 80.7 63.1 117.3
 130 96.1 67.4 125.2

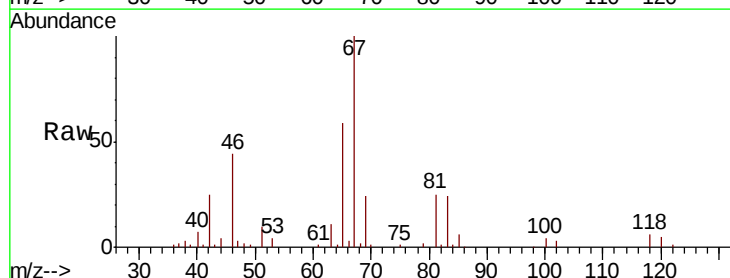


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

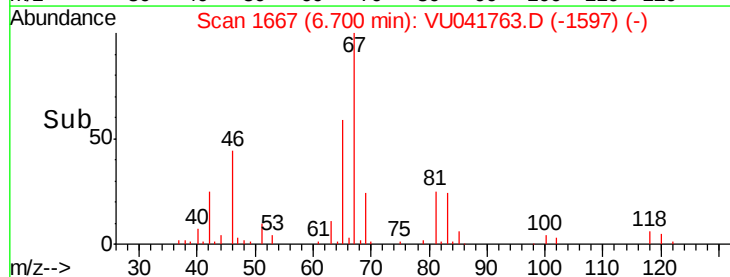
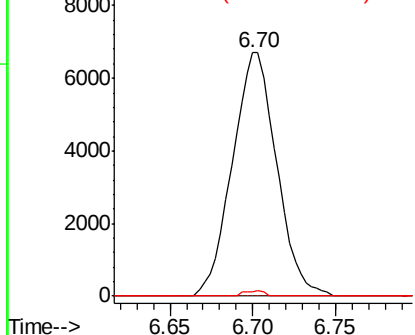


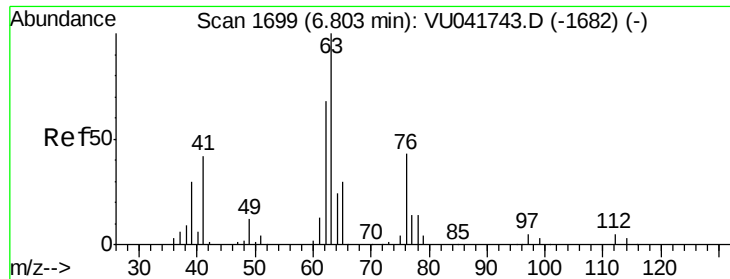
#35
 Methylcyclohexane
 Concen: 0.758 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041763.D
 Acq: 23 Dec 2020 00:00

Tgt Ion: 83 Resp: 12417
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.9 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

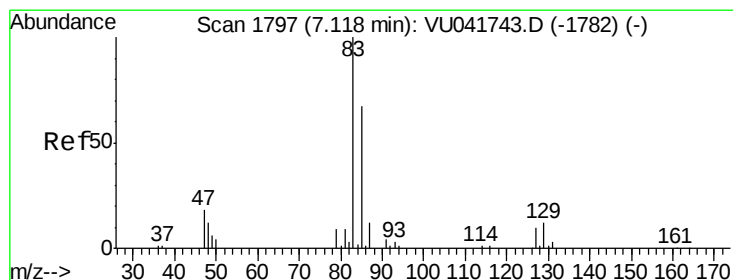
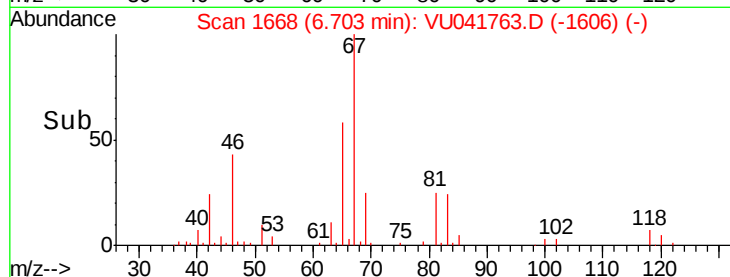
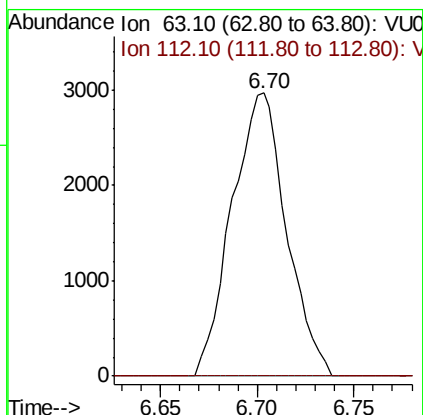
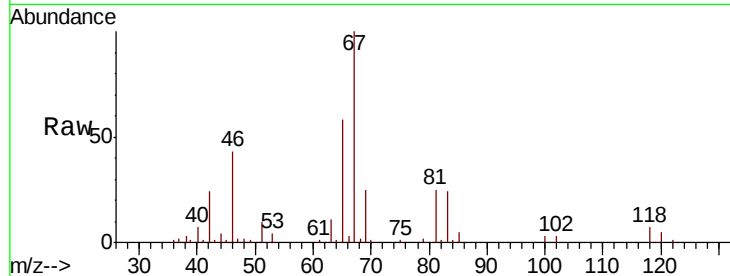




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041763.D
 Acq: 23 Dec 2020 00:00

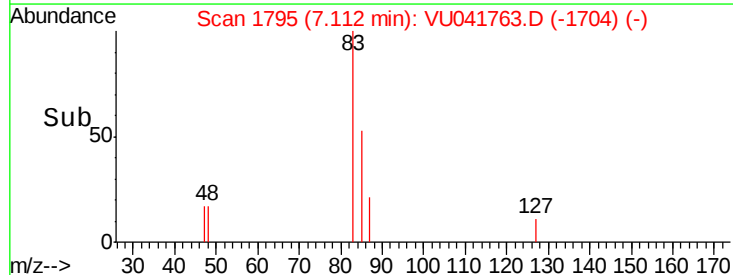
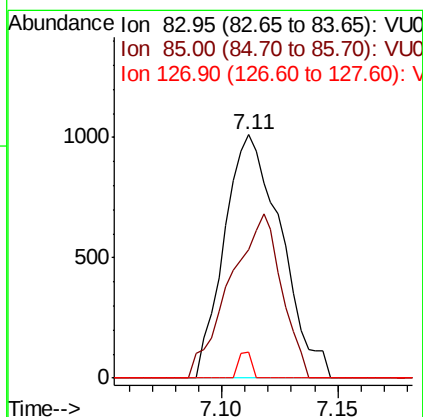
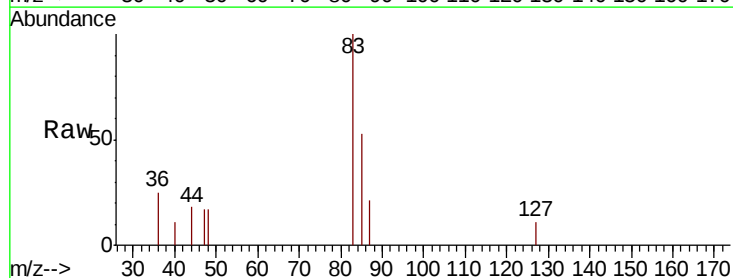
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 GB245

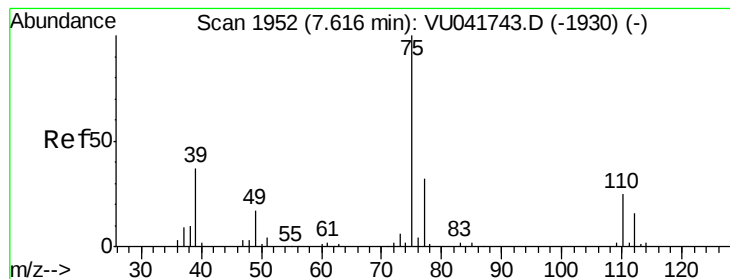
Tot Ion: 63 Resp: 5839
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#38
 Bromodichloromethane
 Concen: 0.134 ug/L
 RT: 7.11 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VU041763.D
 Acq: 23 Dec 2020 00:00

Tgt Ion: 83 Resp: 1714
 Ion Ratio Lower Upper
 83 100
 85 52.6 45.5 84.5
 127 10.8 7.0 10.6#



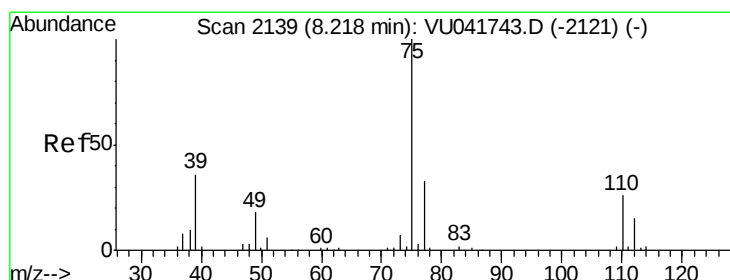
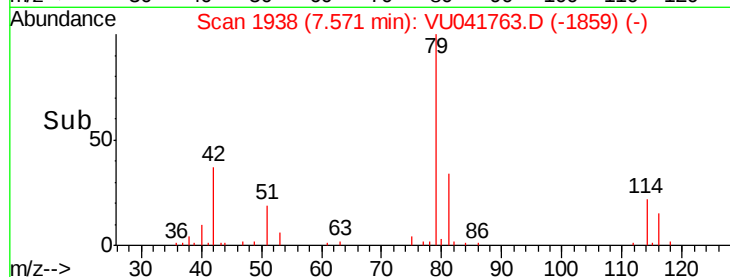
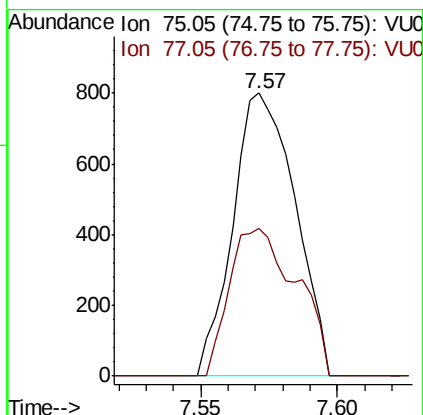
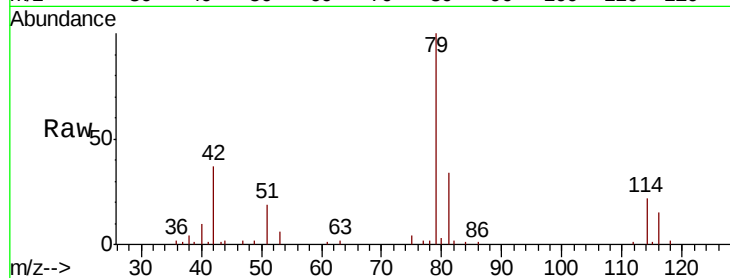


#39

cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Instrument :
MSVOA_U
ClientSampleId :
GB245

Tot Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 52.1 22.3 41.3#



#44

trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
77 49.7 23.8 44.2#

