

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038570.D
 Acq On : 05 Jun 2020 14:12
 Operator : SY/MD
 Sample : L2860-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D57

Quant Time: Jun 06 00:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	139597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67040	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.93	69	60545	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	110987	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.68	46	301425	51.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.54%
24) Chloroform-d	5.10	84	169291	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	98958	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	327134	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	101667	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	279048	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	38606	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.65	63	249475	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93267	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	119529	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

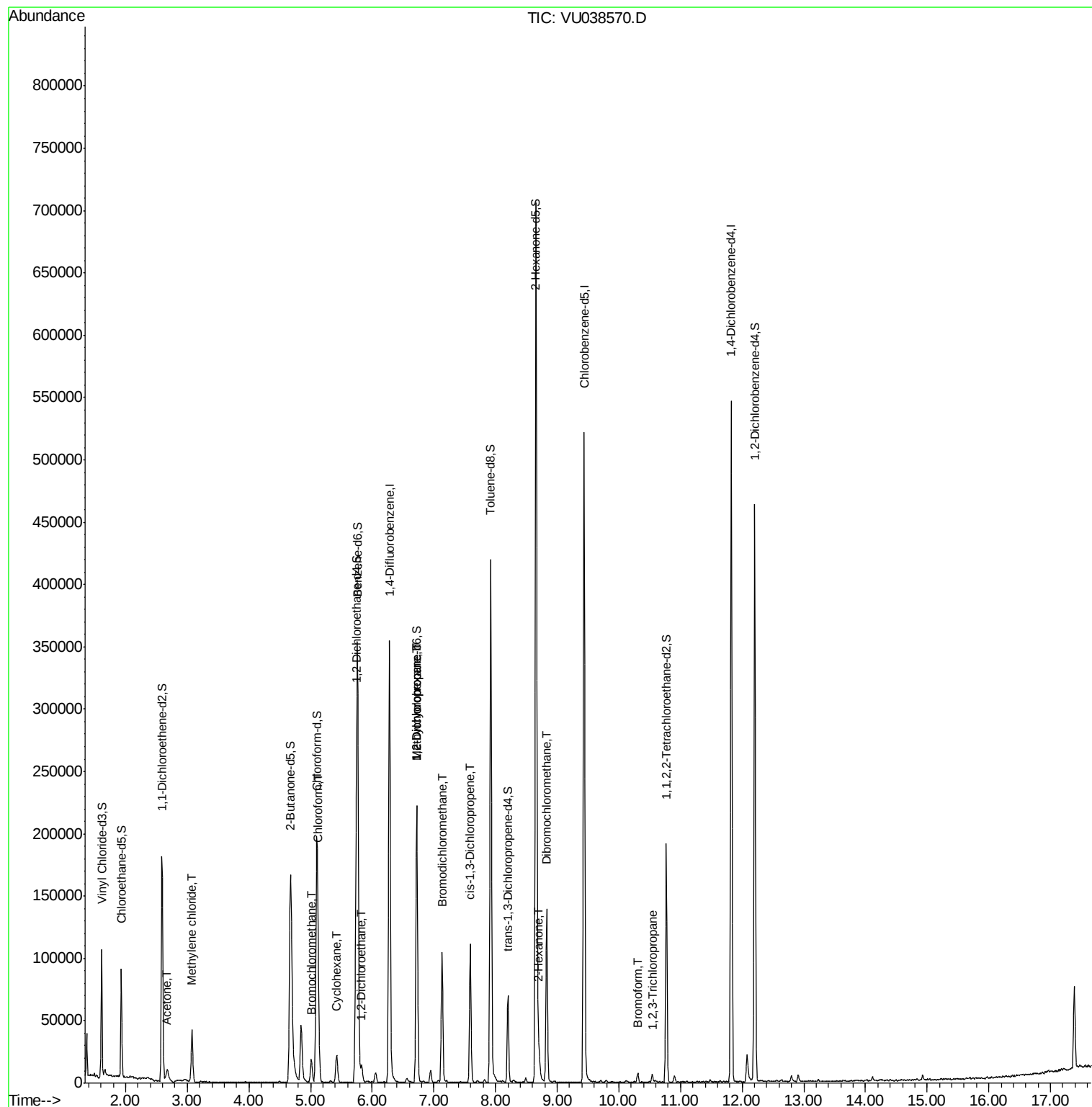
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	17413	4.570	ug/L	97
16) Methylene chloride	3.08	84	19958	0.967	ug/L	99
23) Bromochloromethane	5.01	128	5812	0.610	ug/L	94
25) Chloroform	5.12	83	47625	1.333	ug/L	95
27) 1,2-Dichloroethane	5.83	62	9372	0.373	ug/L	100
30) Cyclohexane	5.43	56	10756	0.329	ug/L	99
35) Methylcyclohexane	6.72	83	25122	0.761	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11393	0.551	ug/L #	86
38) Bromodichloromethane	7.13	83	69923	2.725	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	2834	0.093	ug/L #	49
48) 2-Hexanone	8.70	43	10880	0.972	ug/L #	96
49) Dibromochloromethane	8.83	129	70093	4.166	ug/L	98
59) 1,2,3-Trichloropropane	10.54	75	3553	0.230	ug/L #	43
61) Bromoform	10.31	173	3555	0.409	ug/L #	74

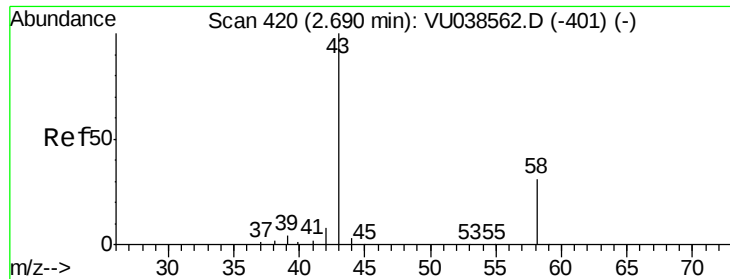
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038570.D
Acq On : 05 Jun 2020 14:12
Operator : SY/MD
Sample : L2860-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D57

Quant Time: Jun 06 00:15:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.570 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038570.D

Acq: 05 Jun 2020 14:12

Instrument :

MSVOA_U

ClientSampleId :

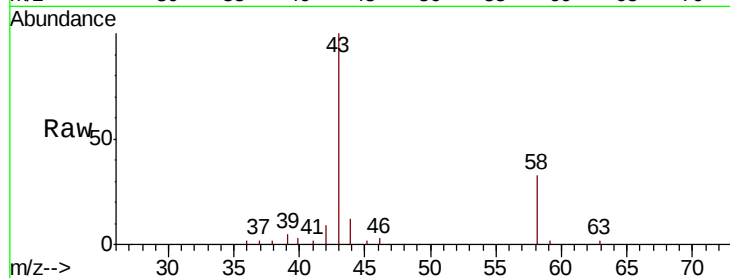
F9D57

Tot Ion: 43 Resp: 17413

Ion Ratio Lower Upper

43 100

58 34.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038562.D (-401) (-)

2.68

6000

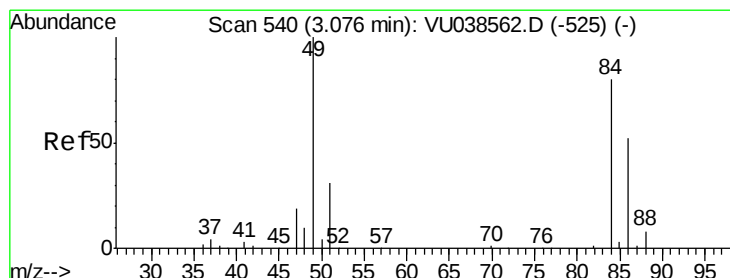
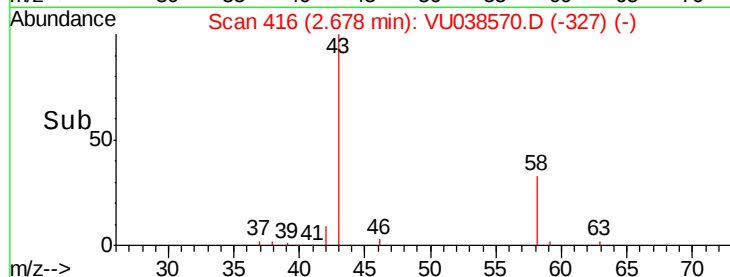
4000

2000

0

Time-->

2.60 2.70 2.80



#16

Methylene chloride

Concen: 0.967 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038570.D

Acq: 05 Jun 2020 14:12

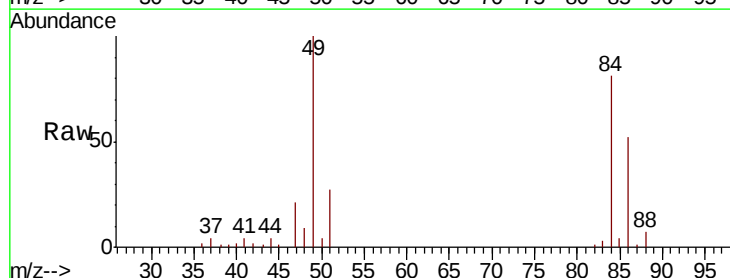
Tgt Ion: 84 Resp: 19958

Ion Ratio Lower Upper

84 100

86 64.1 45.0 83.6

49 123.3 85.5 158.9



Abundance Ion 84.05 (83.75 to 84.75): VU038562.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038562.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038562.D (-525) (-)

3.08

15000

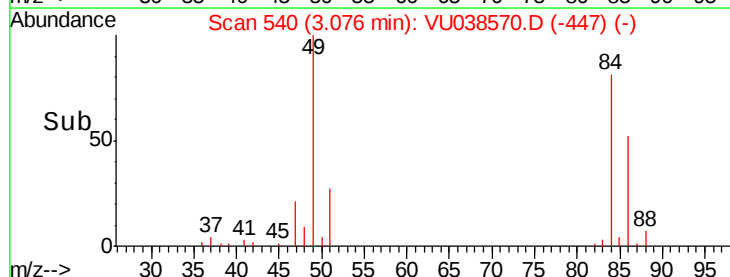
10000

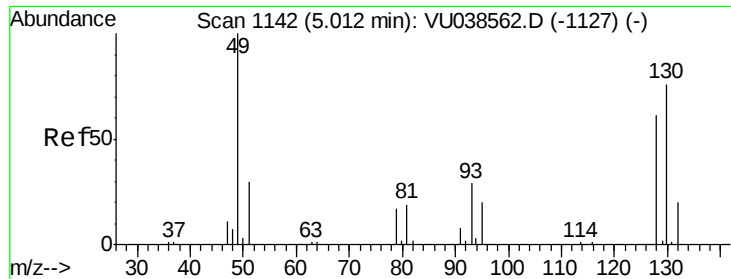
5000

0

Time-->

3.00 3.05 3.10 3.15

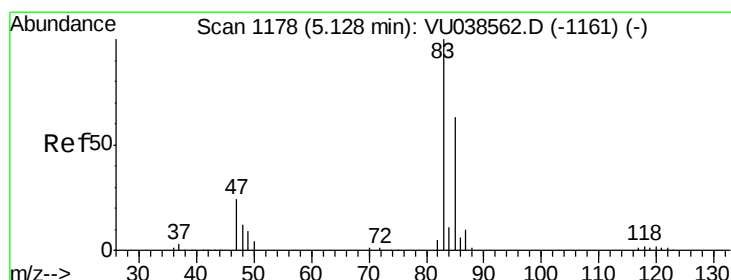
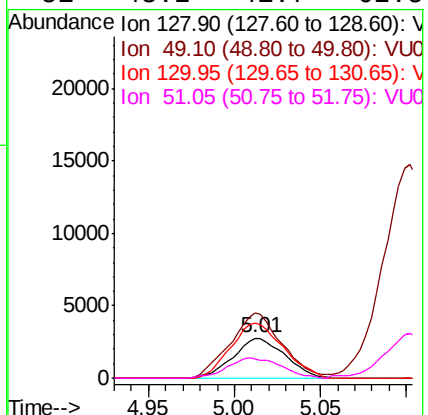
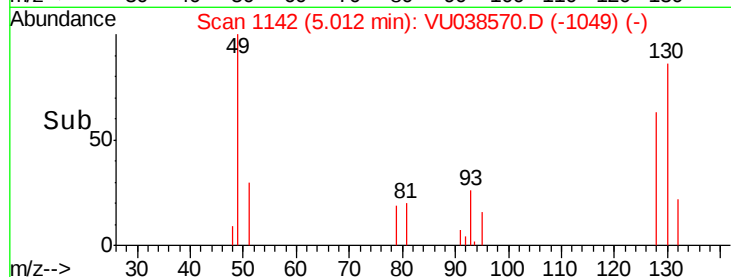
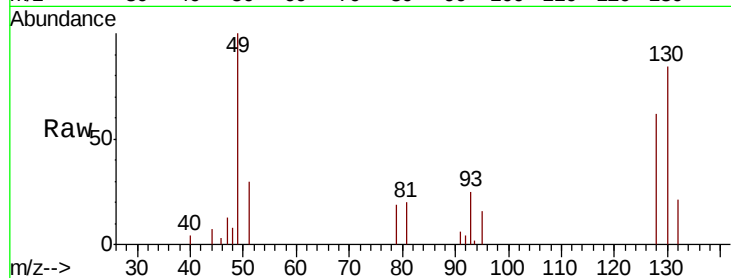




#23
Bromochloromethane
Concen: 0.610 ug/L
RT: 5.01 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

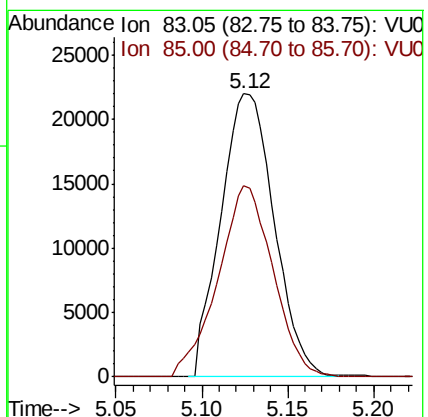
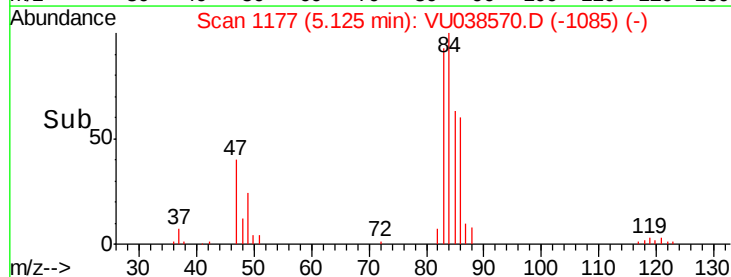
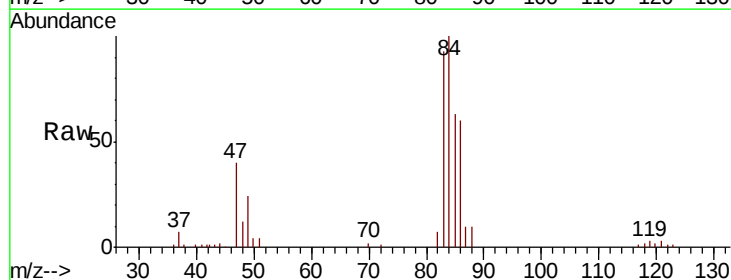
Instrument :
MSVOA_U
ClientSampleId :
F9D57

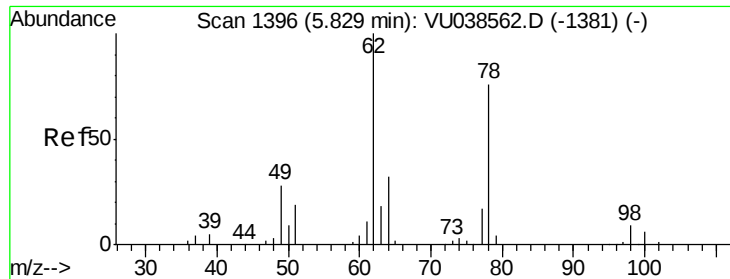
Tot Ion:128 Resp: 5812
Ion Ratio Lower Upper
128 100
49 162.0 111.9 207.7
130 136.2 86.5 160.7
51 48.2 41.7 62.5



#25
Chloroform
Concen: 1.333 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

Tgt Ion: 83 Resp: 47625
Ion Ratio Lower Upper
83 100
85 67.7 44.9 83.5

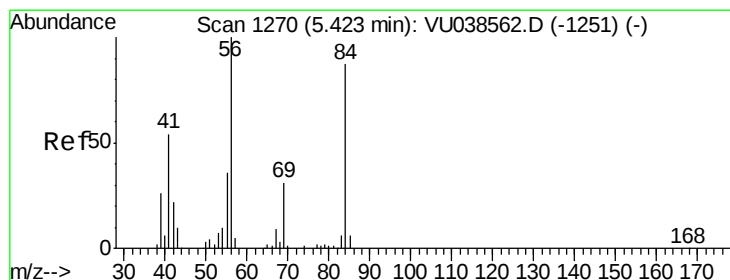
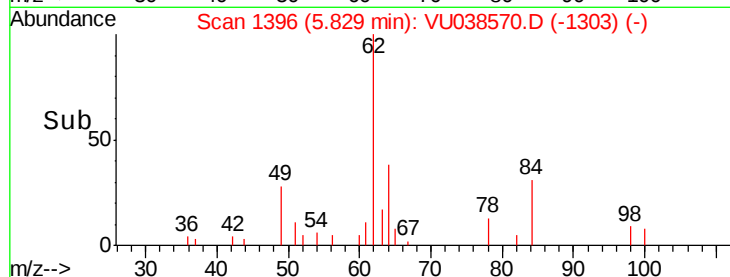
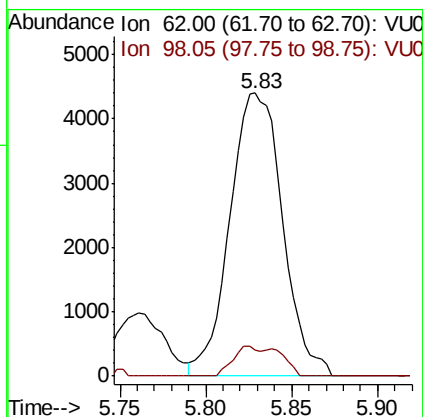
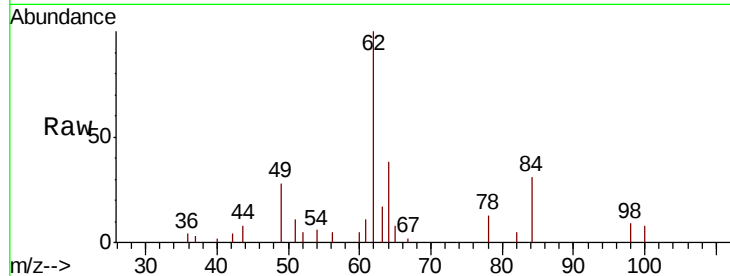




#27
 1,2-Dichloroethane
 Concen: 0.373 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU038570.D
 Acq: 05 Jun 2020 14:12

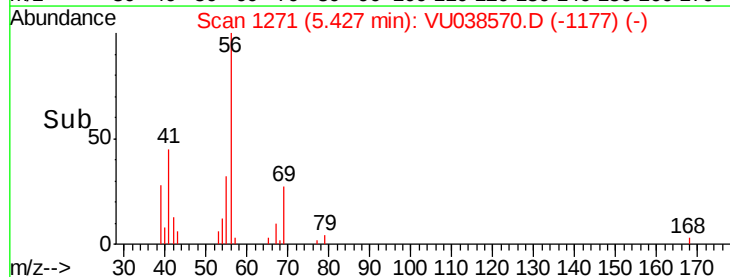
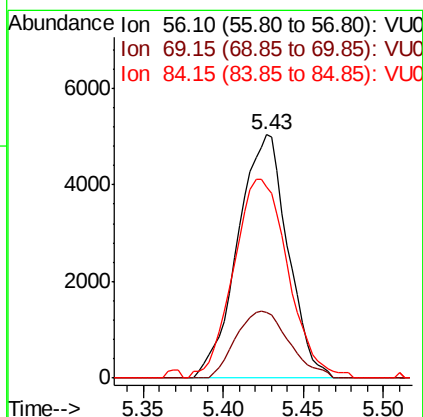
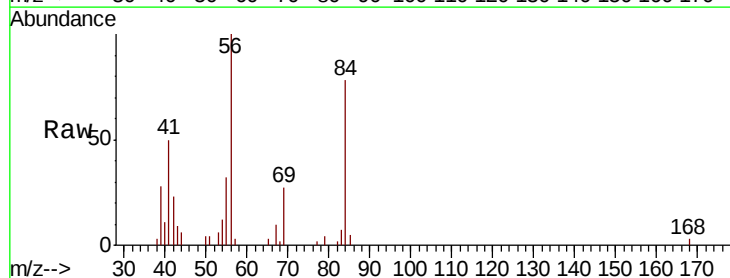
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D57

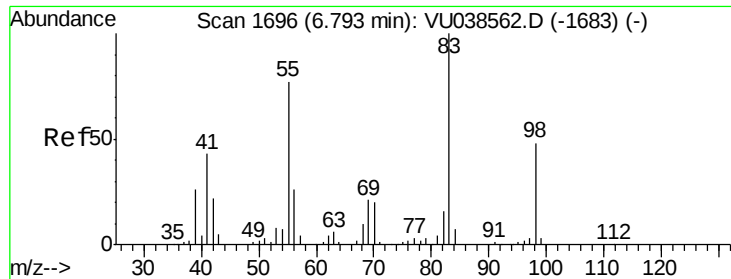
Tot Ion: 62 Resp: 9372
 Ion Ratio Lower Upper
 62 100
 98 9.2 7.4 11.2



#30
 Cyclohexane
 Concen: 0.329 ug/L
 RT: 5.43 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VU038570.D
 Acq: 05 Jun 2020 14:12

Tgt Ion: 56 Resp: 10756
 Ion Ratio Lower Upper
 56 100
 69 29.3 24.2 36.4
 84 89.2 70.8 106.2

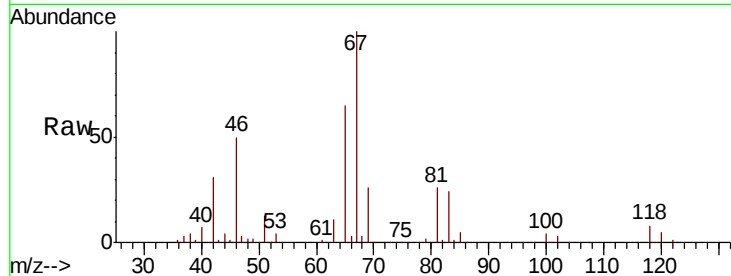




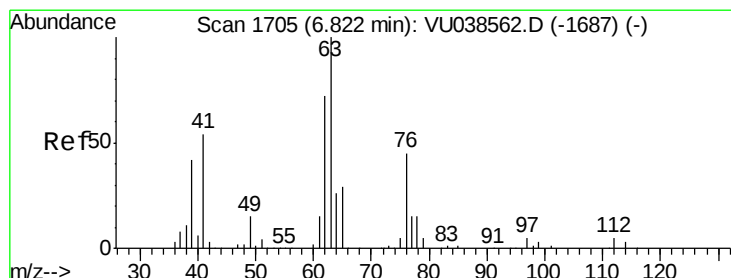
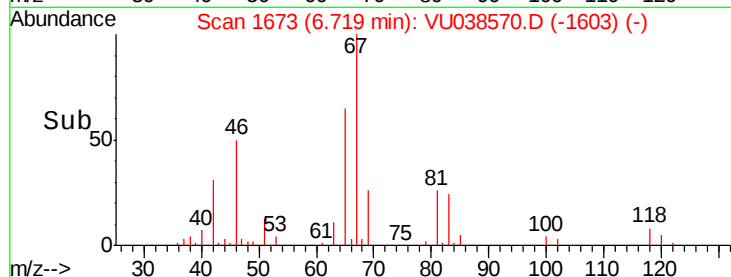
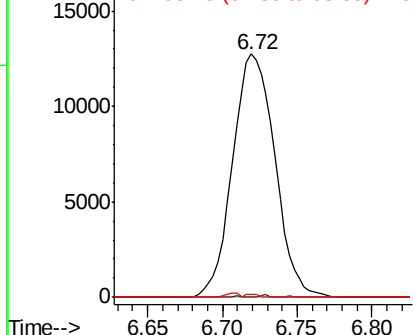
#35
Methvlcvclohexane
Concen: 0.761 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

Instrument :
MSVOA_U
ClientSampleId :
F9D57

Tot Ion: 83 Resp: 25122
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.4 39.0 58.4#

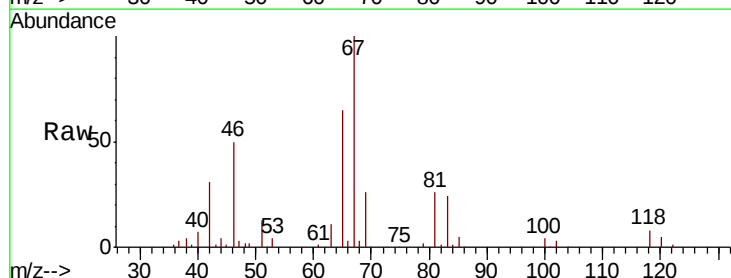


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

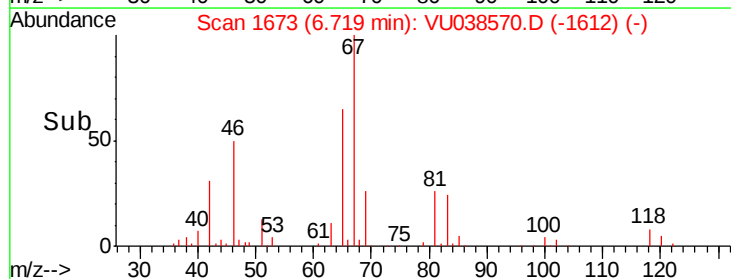
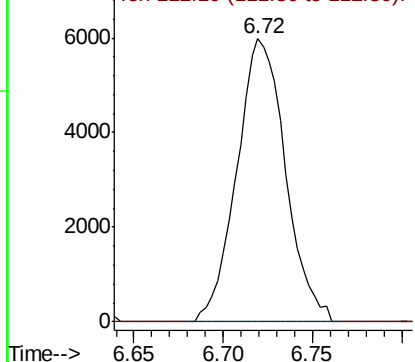


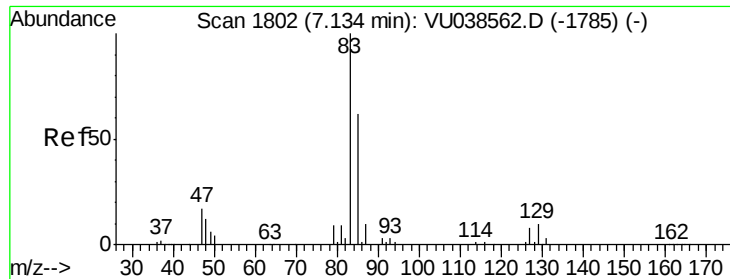
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

Tgt Ion: 63 Resp: 11393
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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





#38

Bromodichloromethane

Concen: 2.725 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038570.D

Acq: 05 Jun 2020 14:12

Instrument :

MSVOA_U

ClientSampleId :

F9D57

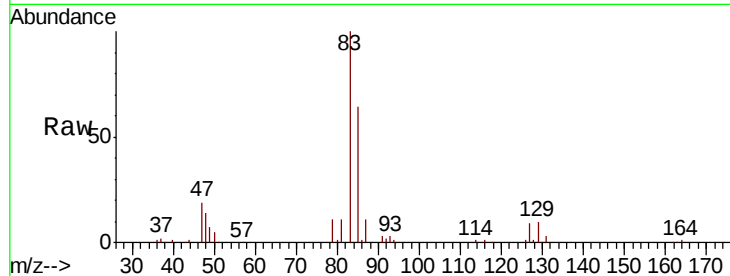
Tot Ion: 83 Resp: 69923

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

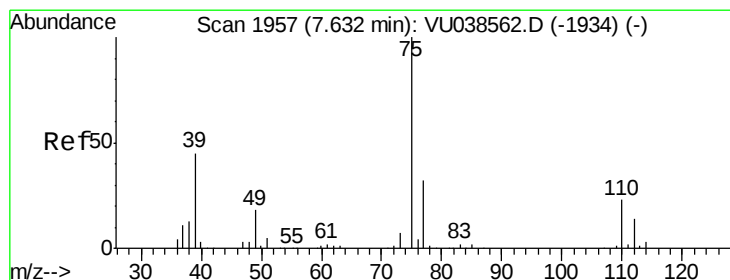
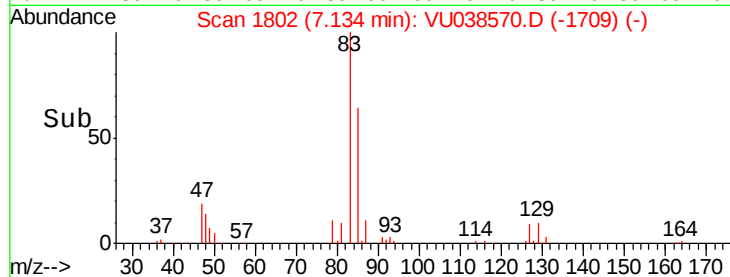
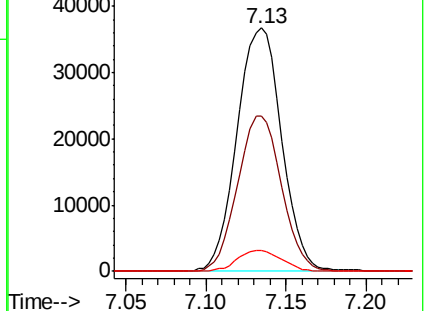
127 8.7 6.8 10.2



Abundance Ion 82.95 (82.65 to 83.65): VU038570.D (-1709) (-)

Ion 85.00 (84.70 to 85.70): VU038570.D (-1709) (-)

Ion 126.90 (126.60 to 127.60): VU038570.D (-1709) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038570.D

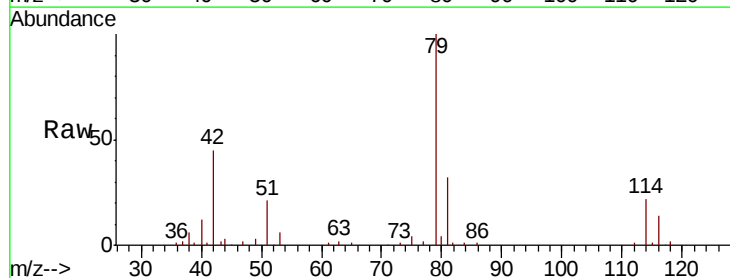
Acq: 05 Jun 2020 14:12

Tgt Ion: 75 Resp: 2834

Ion Ratio Lower Upper

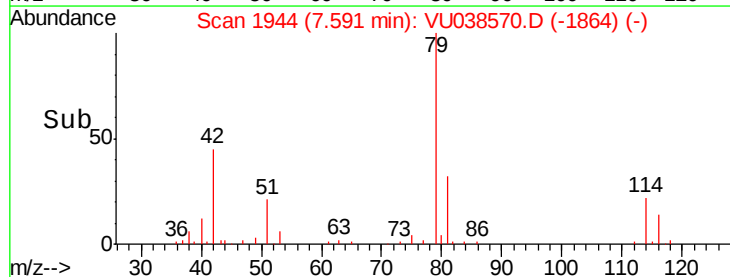
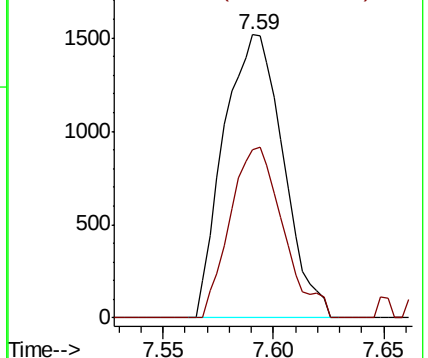
75 100

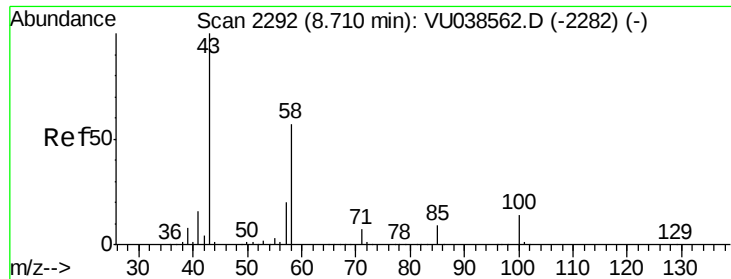
77 59.5 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038570.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038570.D (-1864) (-)

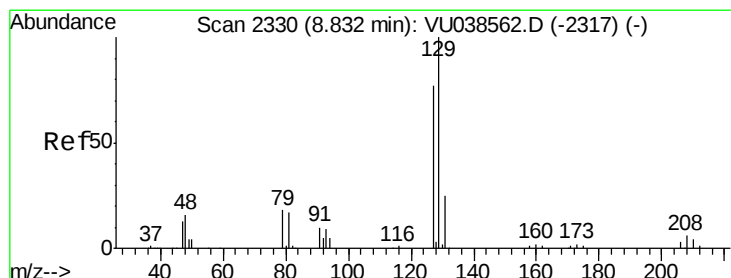
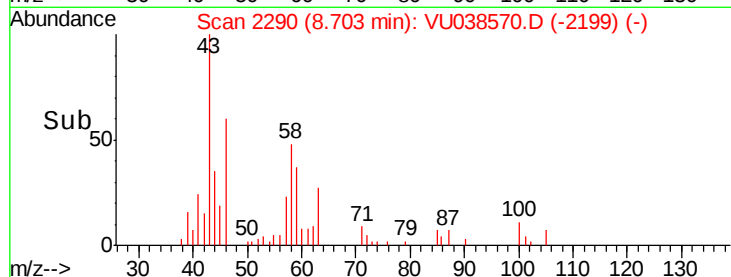
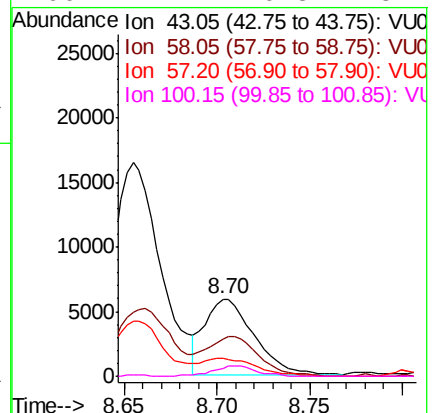
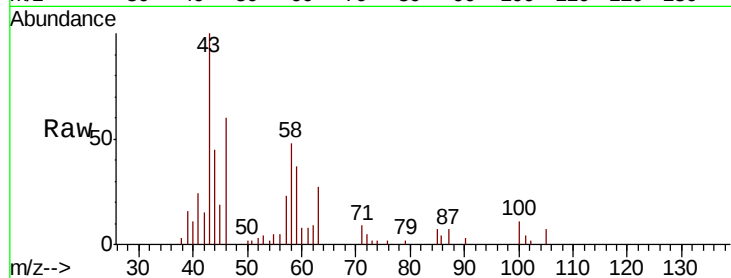




#48
2-Hexanone
Concen: 0.972 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

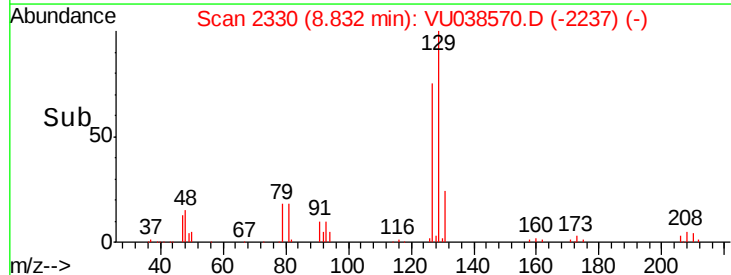
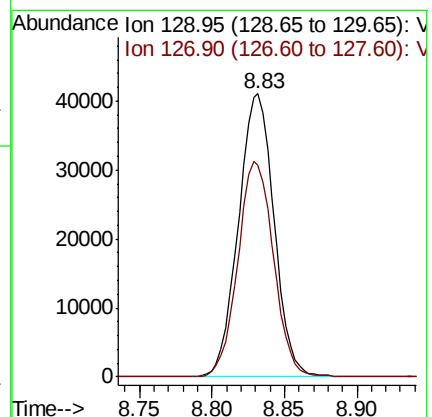
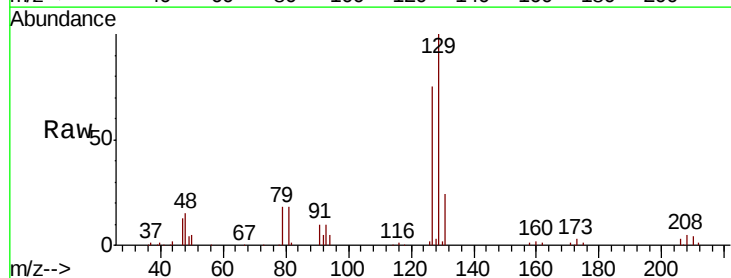
Instrument :
MSVOA_U
ClientSampleId :
F9D57

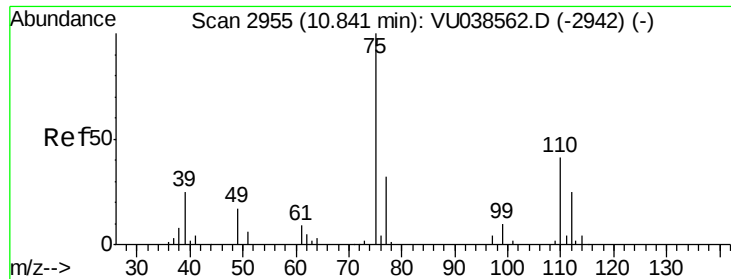
Tot Ion: 43 Resp: 10880
Ion Ratio Lower Upper
43 100
58 55.4 45.4 68.0
57 26.0 15.9 23.9#
100 12.2 10.5 15.7



#49
Dibromochloromethane
Concen: 4.166 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU038570.D
Acq: 05 Jun 2020 14:12

Tgt Ion: 129 Resp: 70093
Ion Ratio Lower Upper
129 100
127 74.6 53.3 99.1

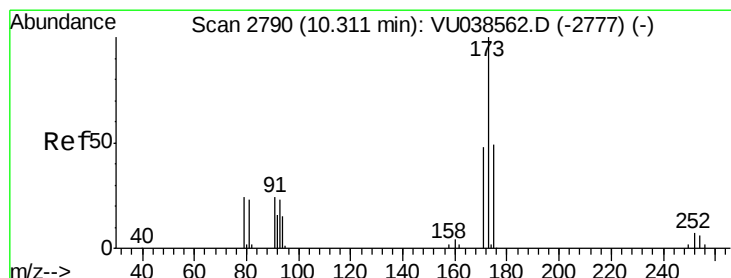
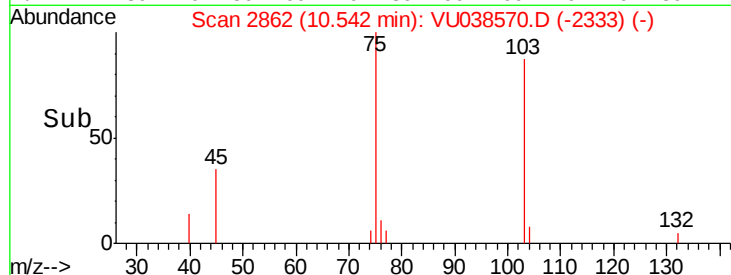
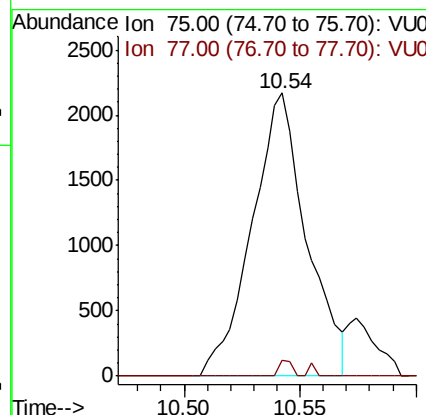
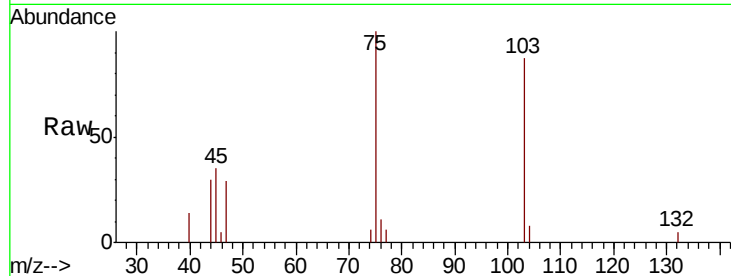




#59
 1,2,3-Trichloropropane
 Concen: 0.230 ug/L
 RT: 10.54 min Scan# 2862
 Delta R.T. -0.30 min
 Lab File: VU038570.D
 Acq: 05 Jun 2020 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D57

Tot Ion: 75 Resp: 3553
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#61
 Bromoform
 Concen: 0.409 ug/L
 RT: 10.31 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: VU038570.D
 Acq: 05 Jun 2020 14:12

Tgt Ion: 173 Resp: 3555
 Ion Ratio Lower Upper
 173 100
 175 30.1 38.7 58.1#
 254 0.0 5.4 8.2#

