

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038569.D
 Acq On : 05 Jun 2020 13:49
 Operator : SY/MD
 Sample : L2860-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D56

Quant Time: Jun 06 00:15:00 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	297758	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66456	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.93	69	59792	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.59	63	110139	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.68	46	296473	50.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	5.10	84	163532	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	97285	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	322437	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	102259	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.92	98	271499	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	39166	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.66	63	248071	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90226	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	116664	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	10837	2.829	ug/L #	39
16) Methylene chloride	3.08	84	18701	0.901	ug/L	95
21) 2-Butanone	4.85	43	73275	11.371	ug/L #	52
23) Bromochloromethane	5.02	128	4284	0.447	ug/L	94
25) Chloroform	5.12	83	46540	1.295	ug/L	97
27) 1,2-Dichloroethane	5.83	62	8121	0.321	ug/L	100
30) Cyclohexane	5.42	56	47129	1.450	ug/L	93
35) Methylcyclohexane	6.72	83	24526	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	10907	0.531	ug/L #	86
38) Bromodichloromethane	7.13	83	60390	2.366	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	2638	0.087	ug/L #	55
48) 2-Hexanone	8.71	43	11137	1.000	ug/L	92
49) Dibromochloromethane	8.83	129	58415	3.490	ug/L	99
59) 1,2,3-Trichloropropane	10.54	75	3545	0.231	ug/L #	43
61) Bromoform	10.30	173	2690	0.312	ug/L #	90

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration

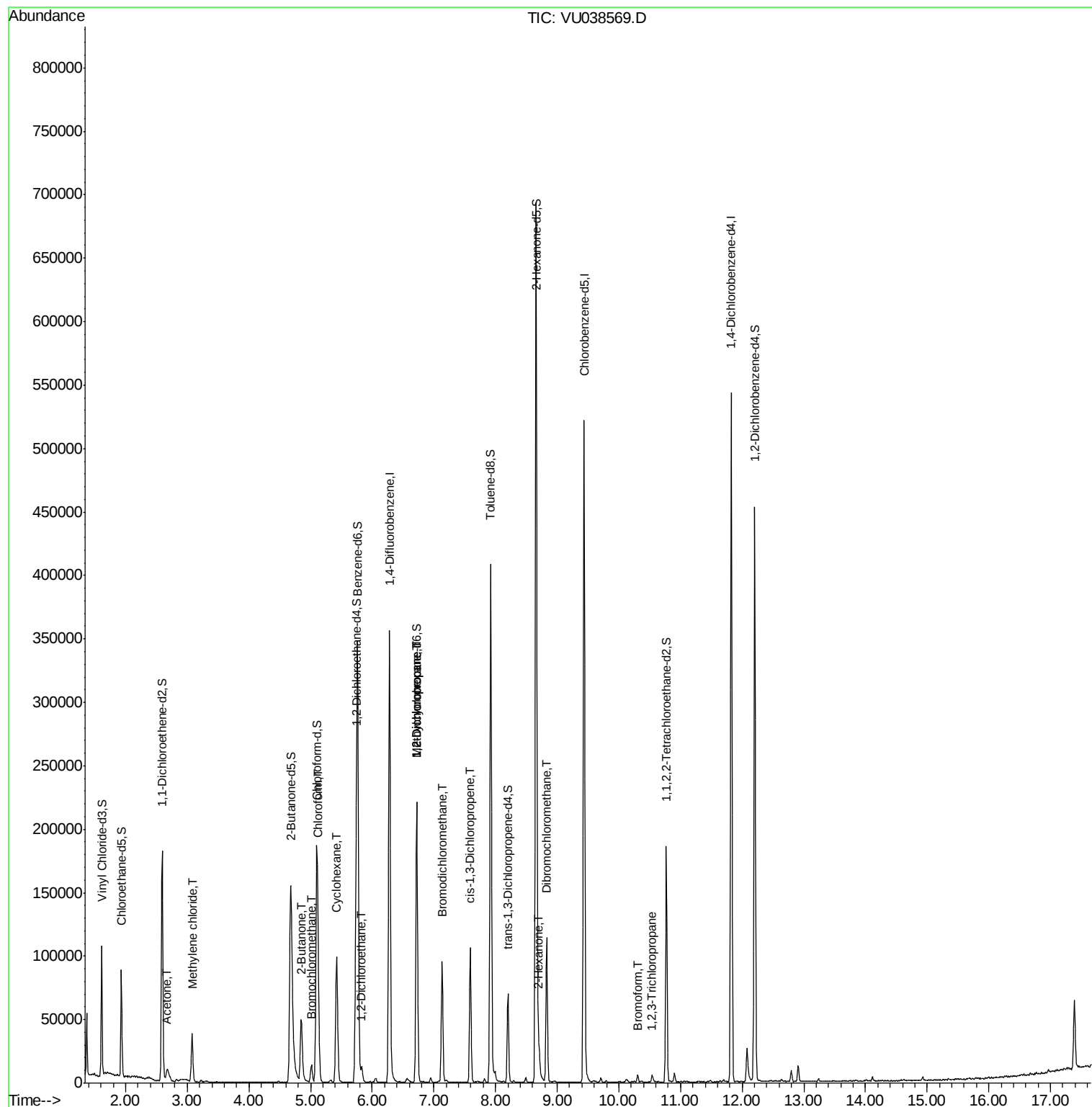
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

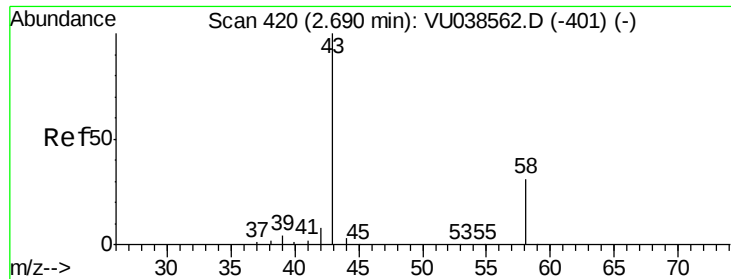
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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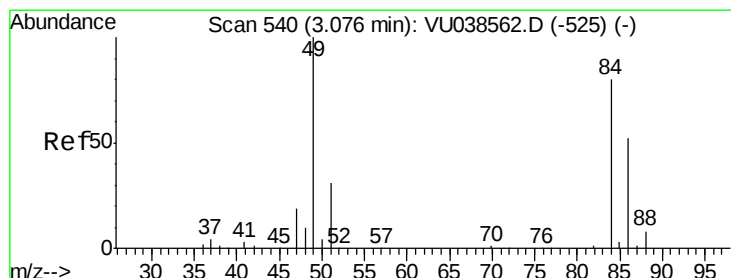
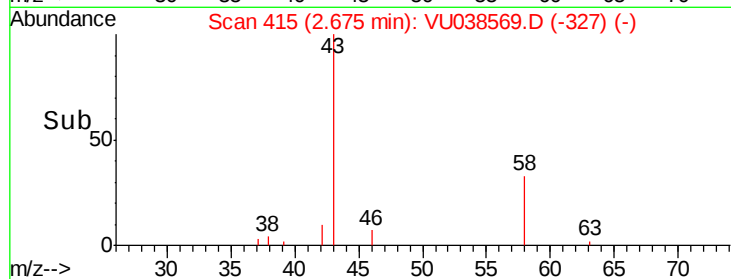
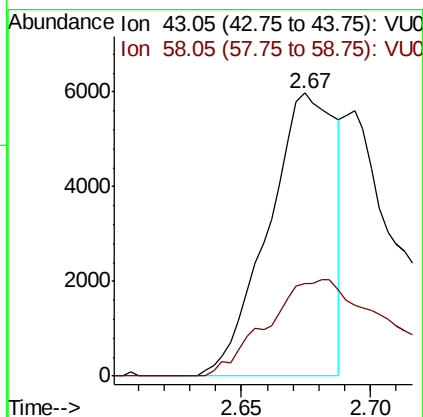
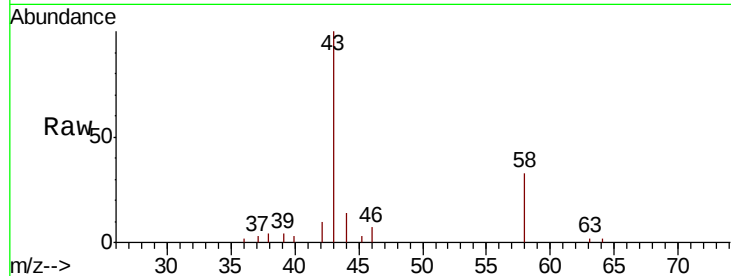




#13
Acetone
Concen: 2.829 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.02 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

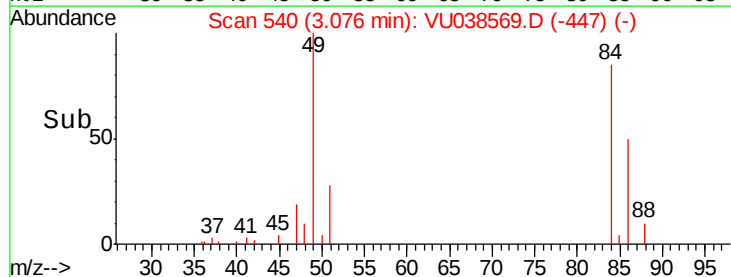
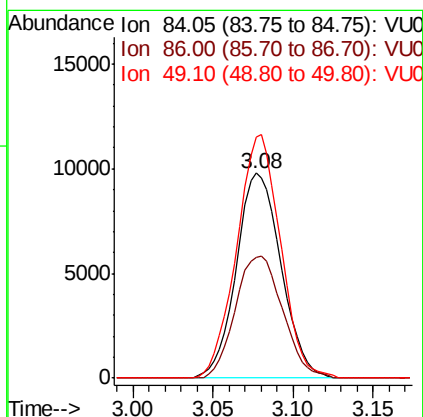
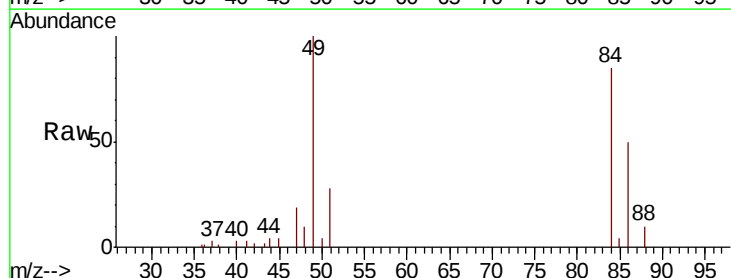
Instrument :
MSVOA_U
ClientSampleId :
F9D56

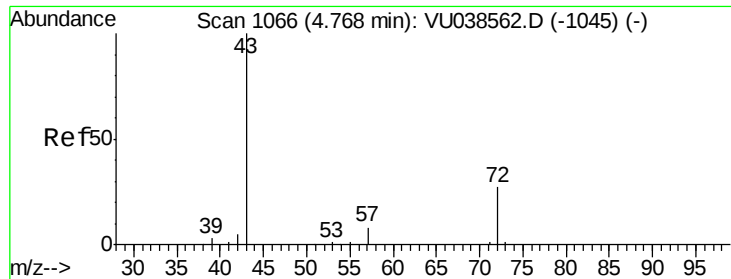
Tot Ion: 43 Resp: 10837
Ion Ratio Lower Upper
43 100
58 67.3 0.0 65.6#



#16
Methylene chloride
Concen: 0.901 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 84 Resp: 18701
Ion Ratio Lower Upper
84 100
86 59.2 45.0 83.6
49 117.8 85.5 158.9





#21

2-Butanone

Concen: 11.371 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038569.D

Acq: 05 Jun 2020 13:49

Instrument :

MSVOA_U

ClientSampleId :

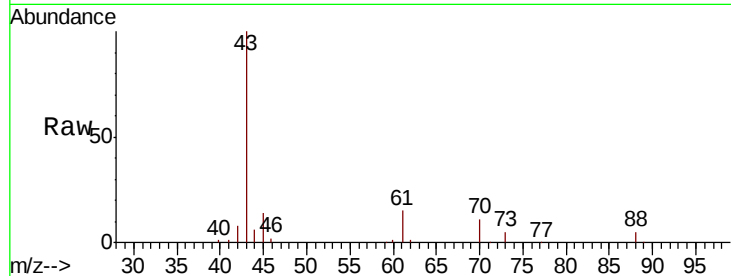
F9D56

Tot Ion: 43 Resp: 73275

Ion Ratio Lower Upper

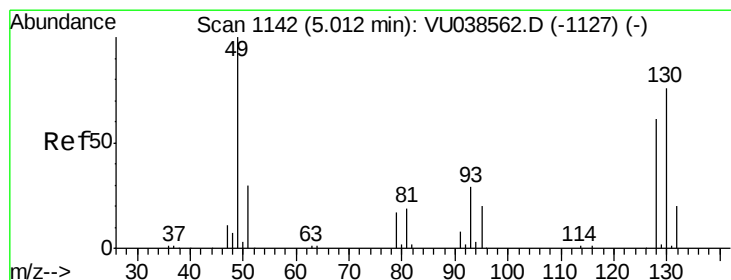
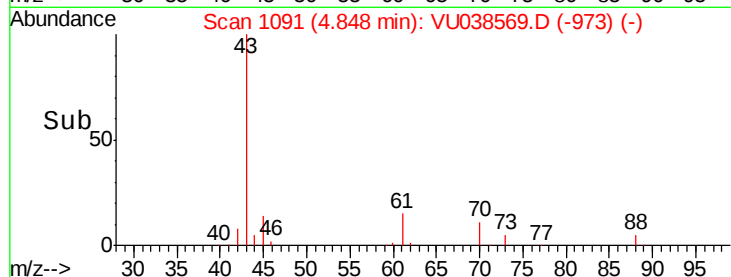
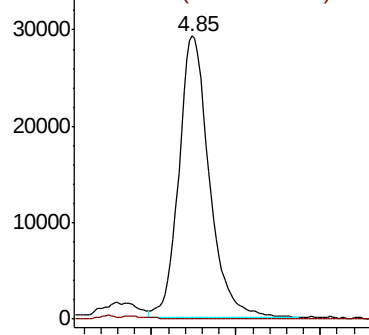
43 100

72 0.9 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-1045) (-)

Ion 72.10 (71.80 to 72.80): VU038569.D (-1049) (-)



#23

Bromochloromethane

Concen: 0.447 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU038569.D

Acq: 05 Jun 2020 13:49

Tgt Ion: 128 Resp: 4284

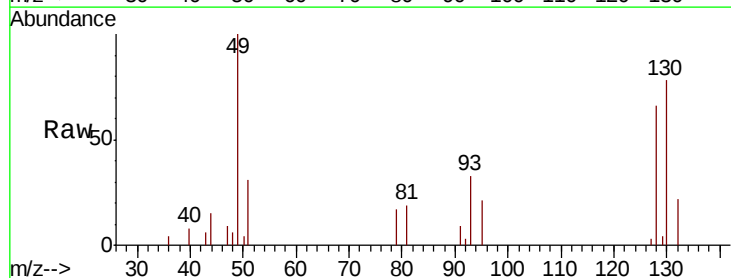
Ion Ratio Lower Upper

128 100

49 150.8 111.9 207.7

130 118.1 86.5 160.7

51 47.2 41.7 62.5

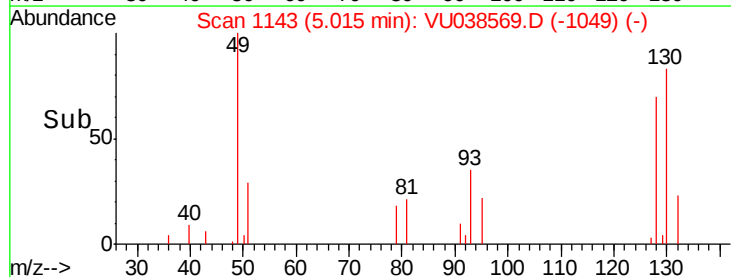
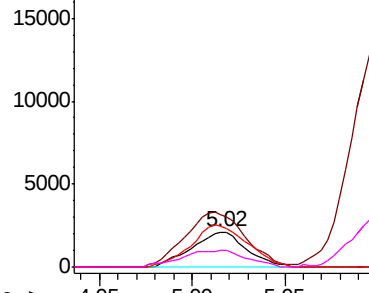


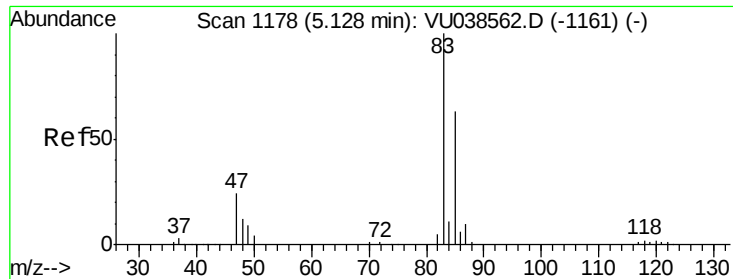
Abundance Ion 127.90 (127.60 to 128.60): VU038562.D (-1127) (-)

Ion 49.10 (48.80 to 49.80): VU038569.D (-1049) (-)

Ion 129.95 (129.65 to 130.65): VU038569.D (-1049) (-)

Ion 51.05 (50.75 to 51.75): VU038569.D (-1049) (-)

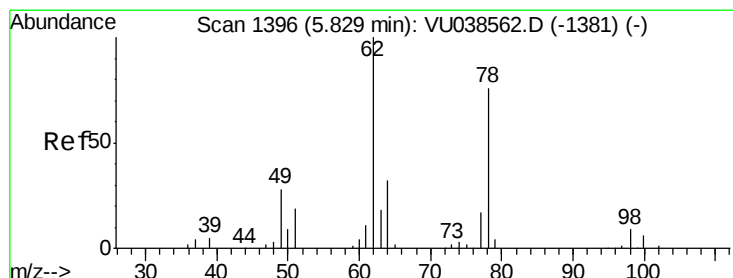
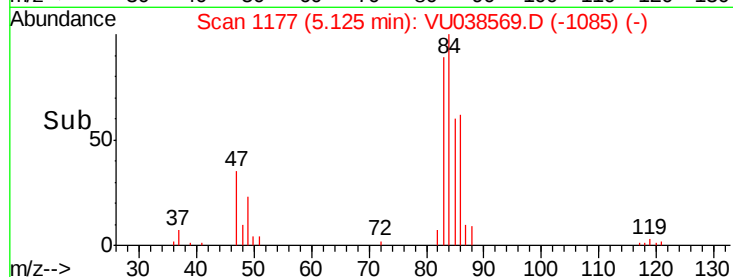
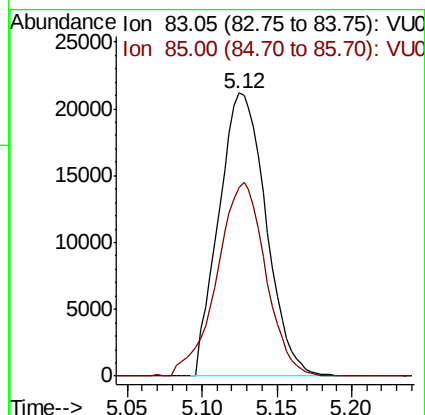
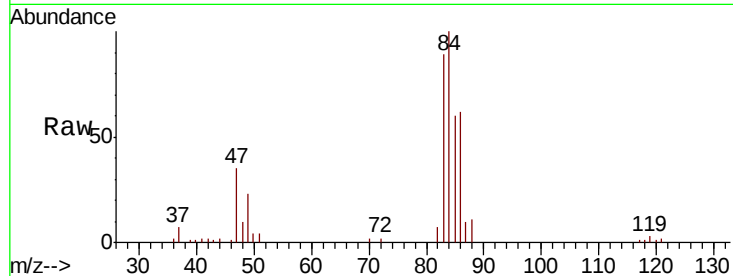




#25
Chloroform
Concen: 1.295 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

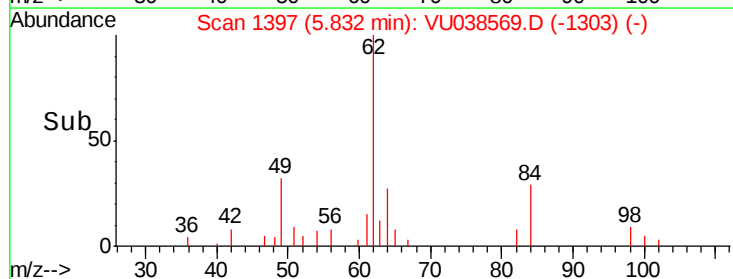
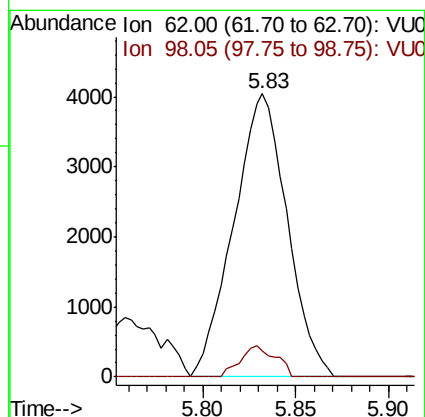
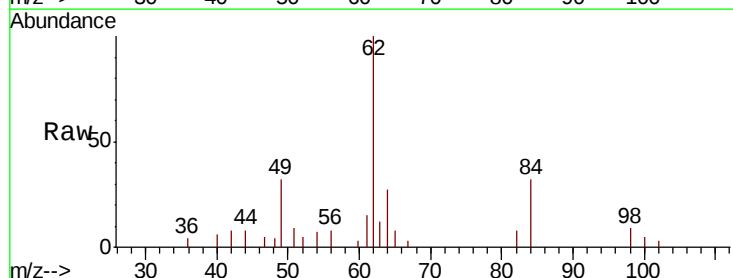
Instrument :
MSVOA_U
ClientSampleId :
F9D56

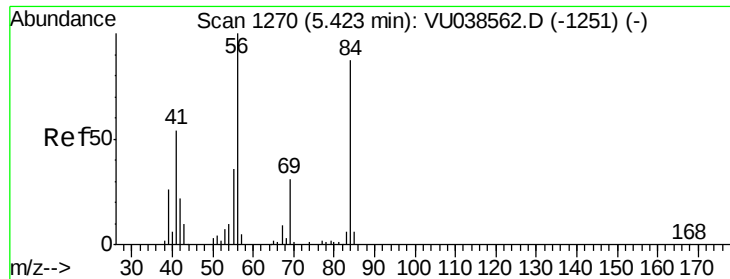
Tot Ion: 83 Resp: 46540
Ion Ratio Lower Upper
83 100
85 66.8 44.9 83.5



#27
1,2-Dichloroethane
Concen: 0.321 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 62 Resp: 8121
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2

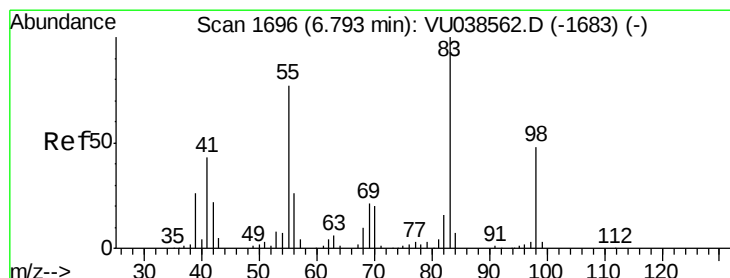
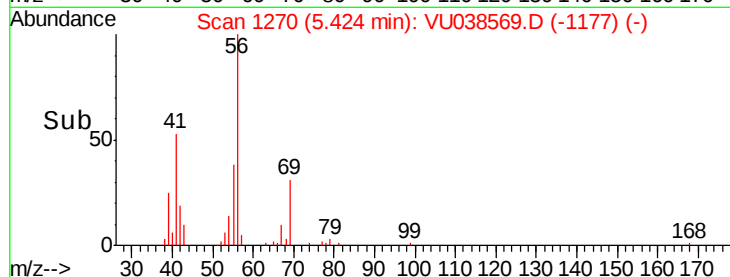
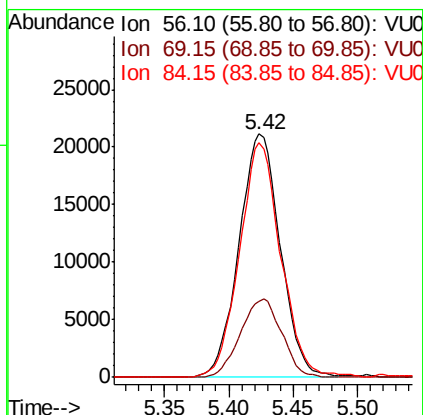
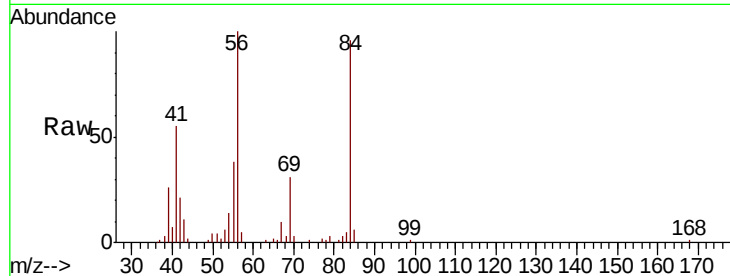




#30
Cyclohexane
Concen: 1.450 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

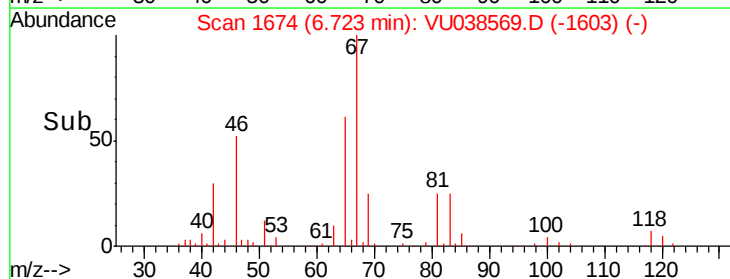
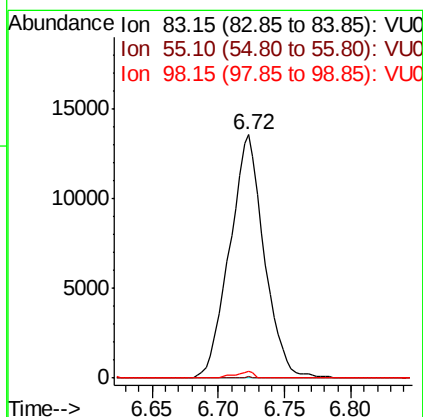
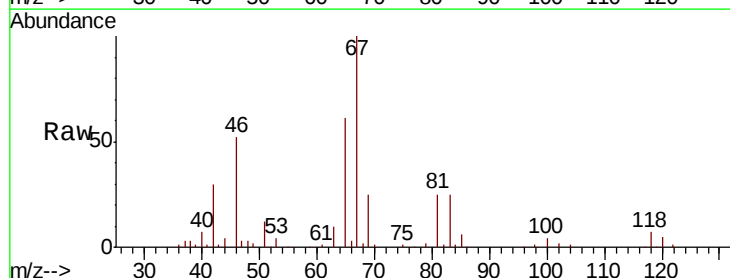
Instrument :
MSVOA_U
ClientSampled :
F9D56

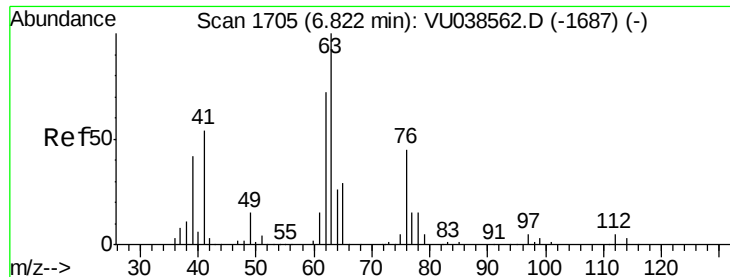
Tot Ion: 56 Resp: 47129
Ion Ratio Lower Upper
56 100
69 32.1 24.2 36.4
84 96.5 70.8 106.2



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 83 Resp: 24526
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.5 39.0 58.4#

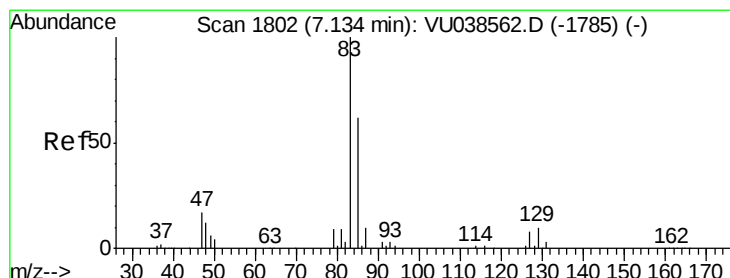
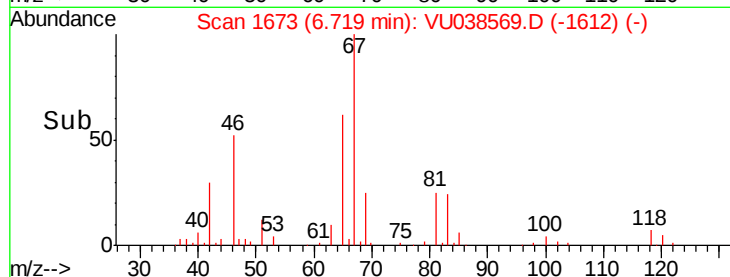
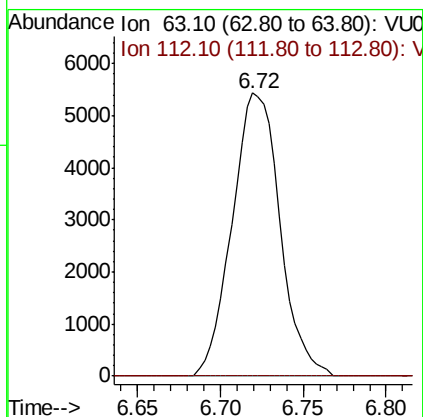
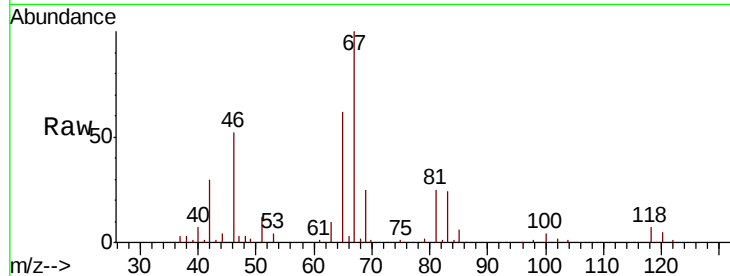




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038569.D
 Acq: 05 Jun 2020 13:49

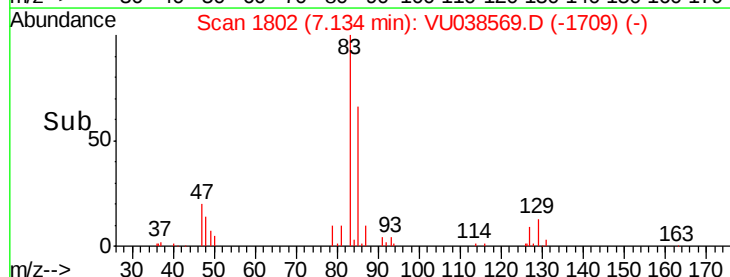
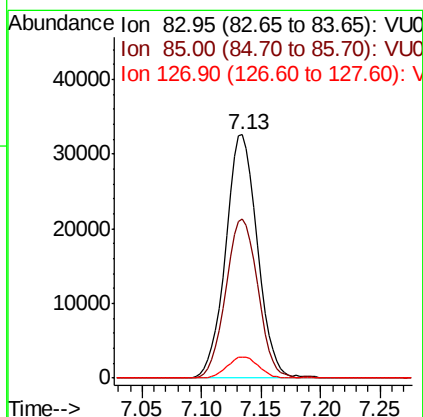
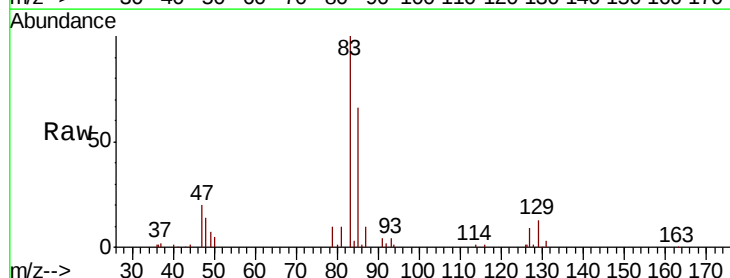
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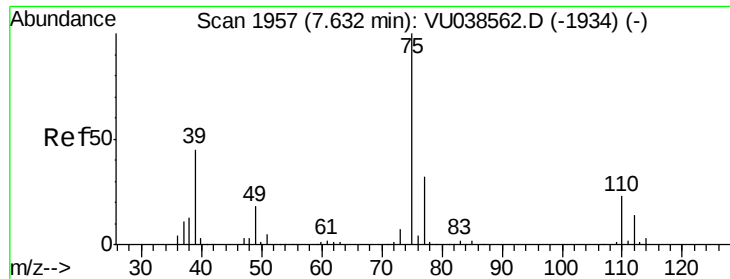
Tot Ion: 63 Resp: 10907
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#38
 Bromodichloromethane
 Concen: 2.366 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038569.D
 Acq: 05 Jun 2020 13:49

Tgt Ion: 83 Resp: 60390
 Ion Ratio Lower Upper
 83 100
 85 65.6 44.7 83.1
 127 8.8 6.8 10.2

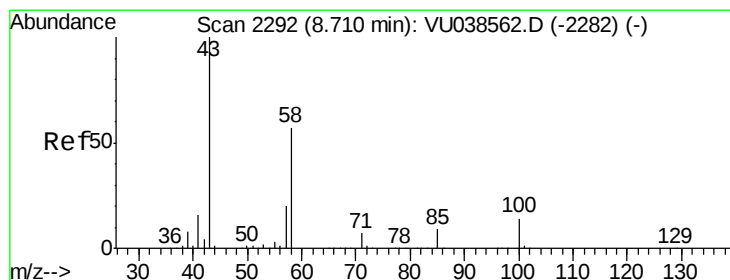
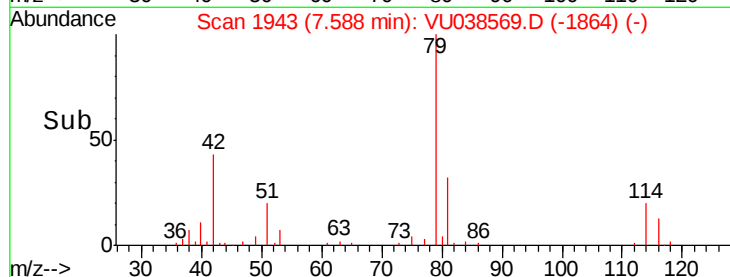
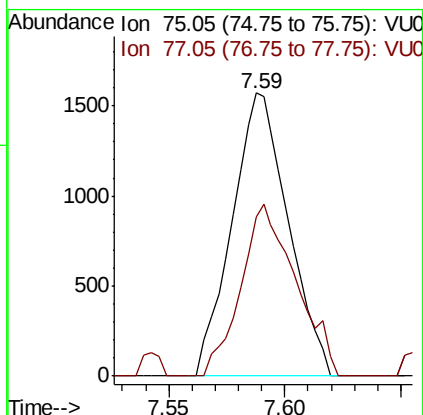
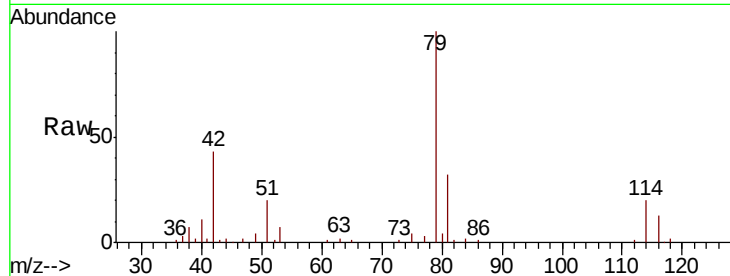




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038569.D
 Acq: 05 Jun 2020 13:49

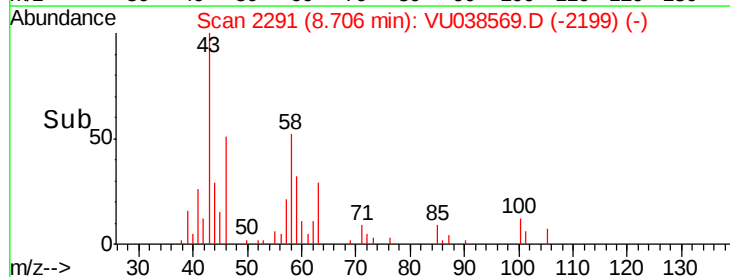
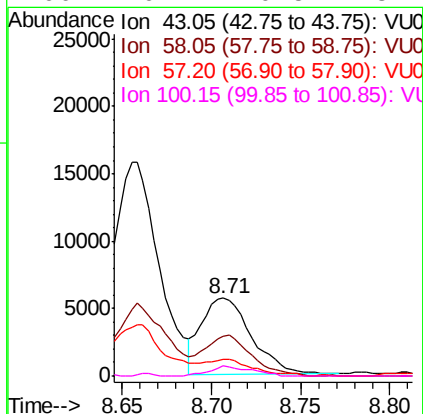
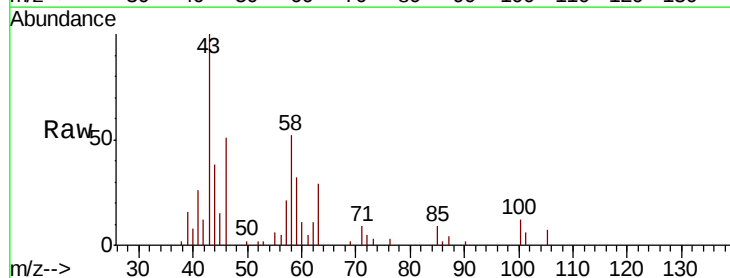
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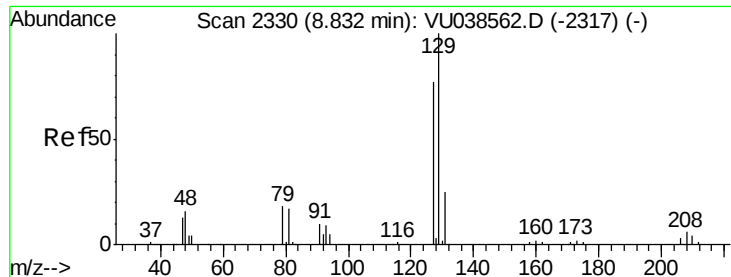
Tot Ion: 75 Resp: 2638
 Ion Ratio Lower Upper
 75 100
 77 56.4 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.000 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038569.D
 Acq: 05 Jun 2020 13:49

Tgt Ion: 43 Resp: 11137
 Ion Ratio Lower Upper
 43 100
 58 50.7 45.4 68.0
 57 16.5 15.9 23.9
 100 10.7 10.5 15.7

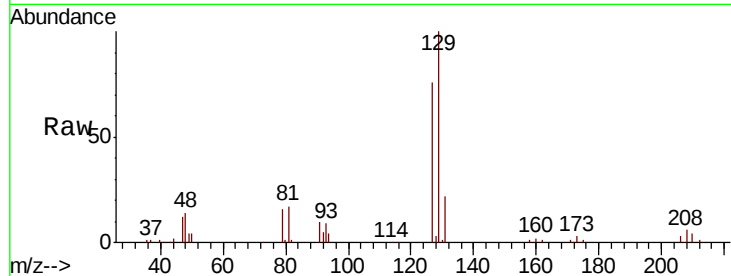




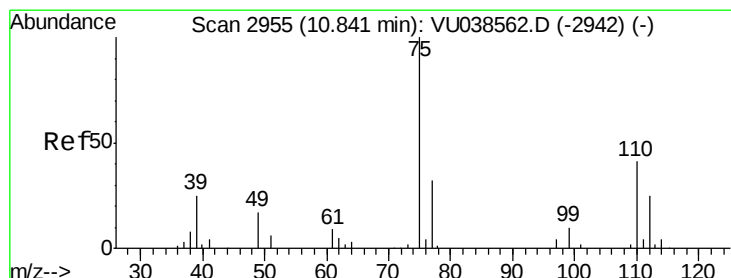
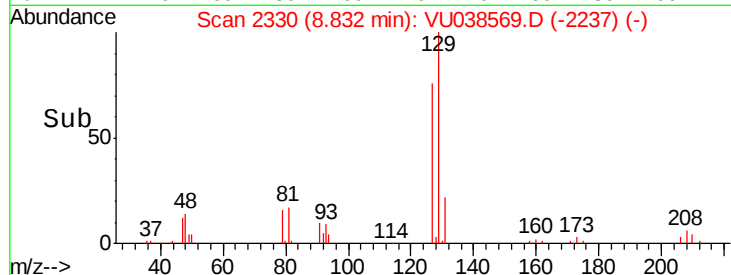
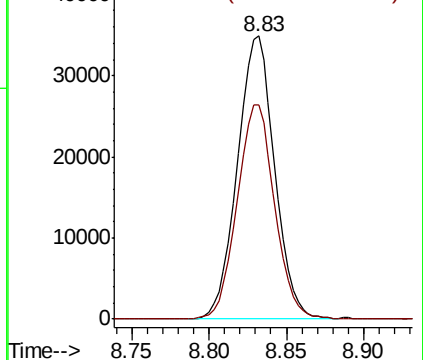
#49
Dibromochloromethane
Concen: 3.490 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Instrument :
MSVOA_U
ClientSampleId :
F9D56

Tot Ion:129 Resp: 58415
Ion Ratio Lower Upper
129 100
127 75.6 53.3 99.1

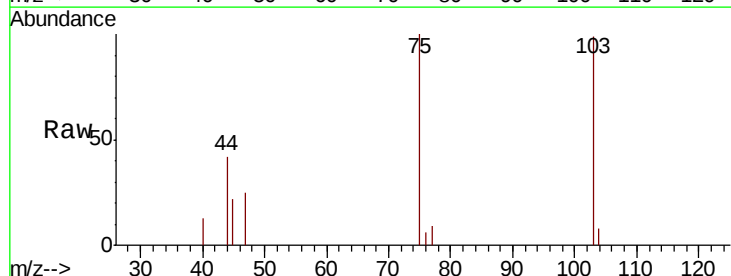


Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

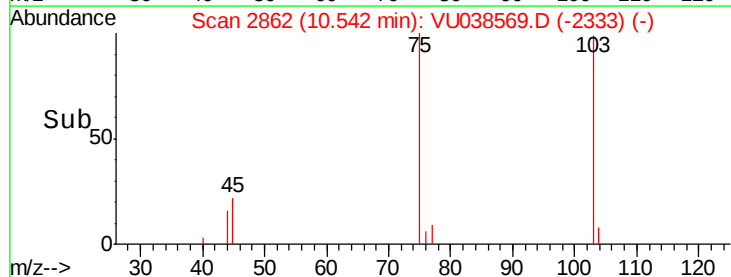
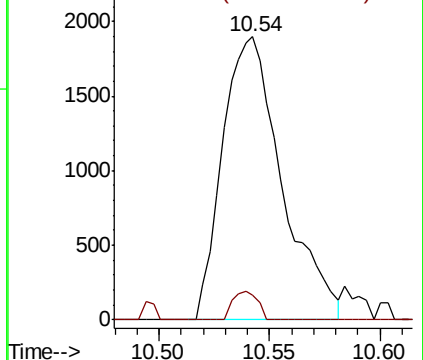


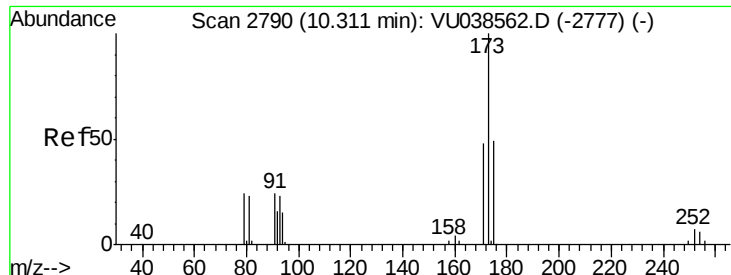
#59
1,2,3-Trichloropropane
Concen: 0.231 ug/L
RT: 10.54 min Scan# 2862
Delta R.T. -0.30 min
Lab File: VU038569.D
Acq: 05 Jun 2020 13:49

Tgt Ion: 75 Resp: 3545
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.312 ug/L

RT: 10.30 min Scan# 2788

Delta R.T. -0.01 min

Lab File: VU038569.D

Acq: 05 Jun 2020 13:49

Instrument :

MSVOA_U

ClientSampleId :

F9D56

Tot Ion:173 Resp: 2690

Ion Ratio Lower Upper

173 100

175 41.9 38.7 58.1

254 1.6 5.4 8.2#

