

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062920\
 Data File : VU039214.D
 Acq On : 30 Jun 2020 02:52
 Operator : SY/MD
 Sample : L3121-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F75

Quant Time: Jun 30 03:42:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 03:39:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	217270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	219982	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96793	5.00	ug/L	0.00

System Monitoring Compounds

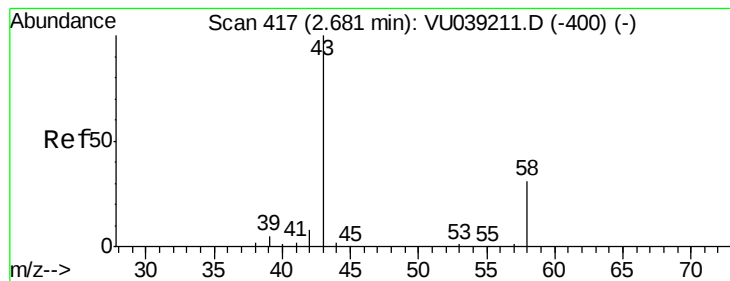
4) Vinyl Chloride-d3	1.61	65	60678	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.93	69	60841	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.59	63	95892	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.67	46	307238	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	5.10	84	151319	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.74	65	97034	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.76	84	280203	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.72	67	93825	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.93	98	213514	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.20	79	29562	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.66	63	232591	50.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86719	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	89385	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	8811	2.360	ug/L	91
34) Trichloroethene	6.57	95	13758	0.759	ug/L	94
35) Methylcyclohexane	6.72	83	22650	0.839	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11671	0.620	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2021	0.075	ug/L #	56
45) 1,1,2-Trichloroethane	8.57	97	1838	0.132	ug/L #	25
47) Tetrachloroethene	8.58	164	183632	14.086	ug/L	97
48) 2-Hexanone	8.71	43	21814	2.103	ug/L #	84
49) Dibromochloromethane	8.58	129	180278	11.231	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	12540	0.886	ug/L #	87

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

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Acq On : 30 Jun 2020 02:52
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1



#13

Acetone

Concen: 2.360 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU039214.D

Acq: 30 Jun 2020 02:52

Instrument :

MSVOA_U

ClientSampled :

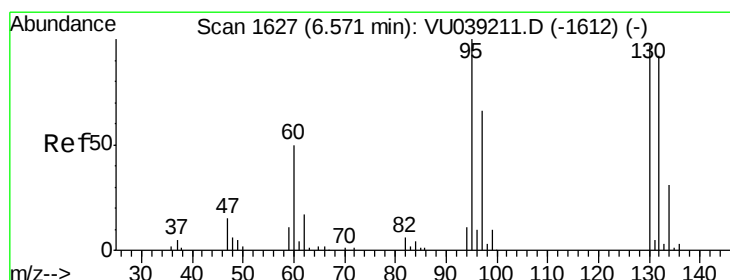
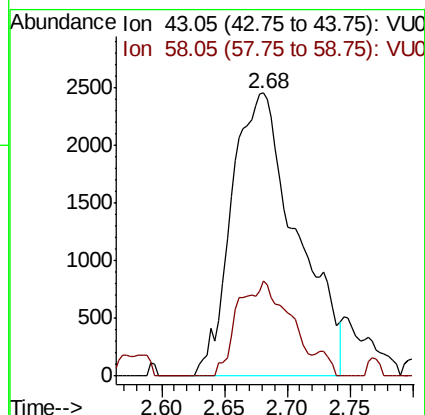
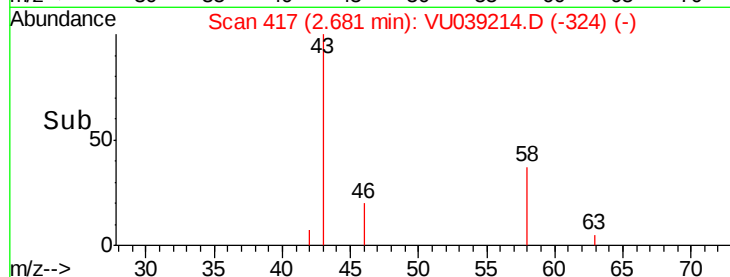
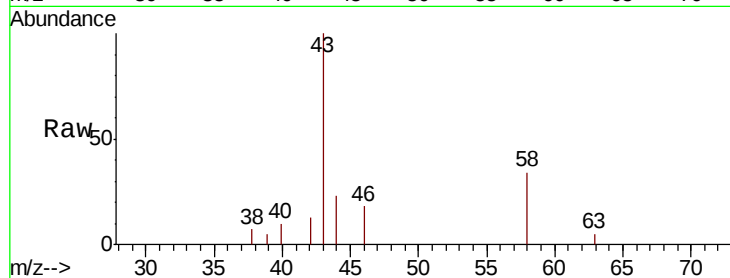
F9F75

Tot Ion: 43 Resp: 8811

Ion Ratio Lower Upper

43 100

58 26.8 0.0 63.2



#34

Trichloroethene

Concen: 0.759 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU039214.D

Acq: 30 Jun 2020 02:52

Tgt Ion: 95 Resp: 13758

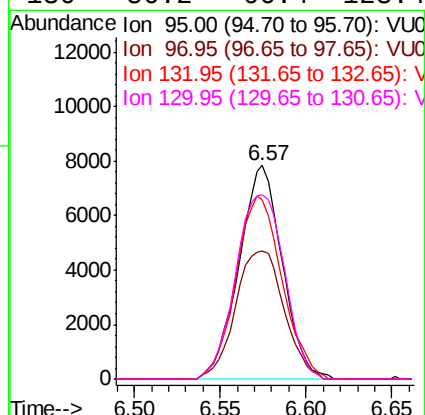
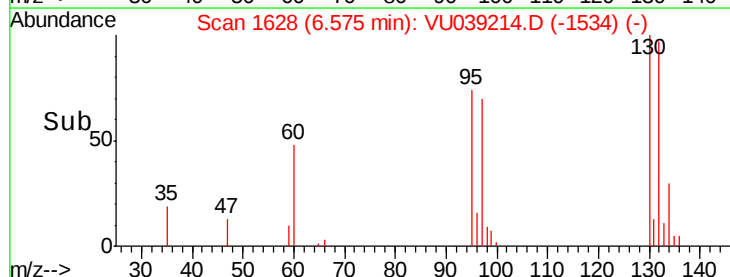
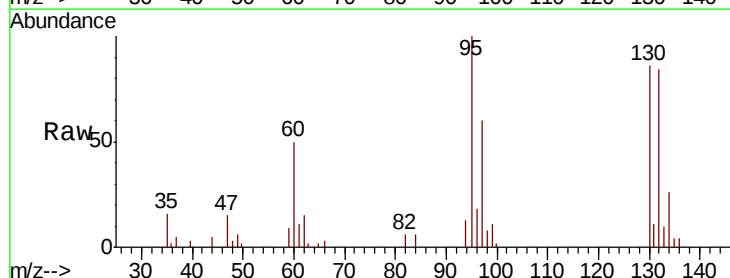
Ion Ratio Lower Upper

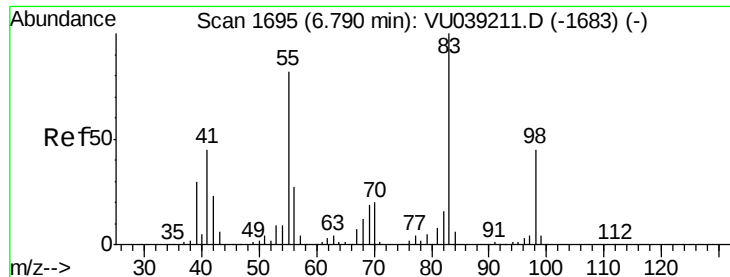
95 100

97 60.2 44.0 81.8

132 84.0 61.2 113.8

130 86.2 66.4 123.4

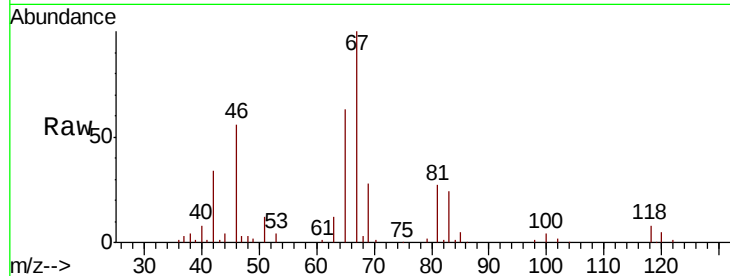




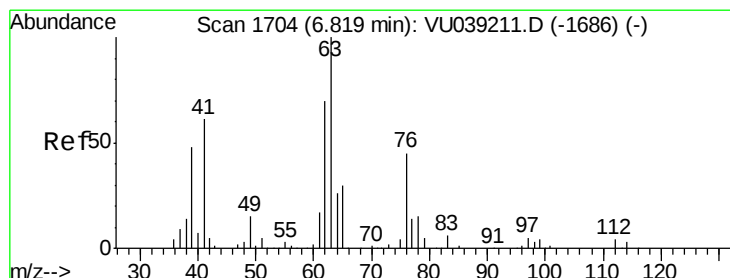
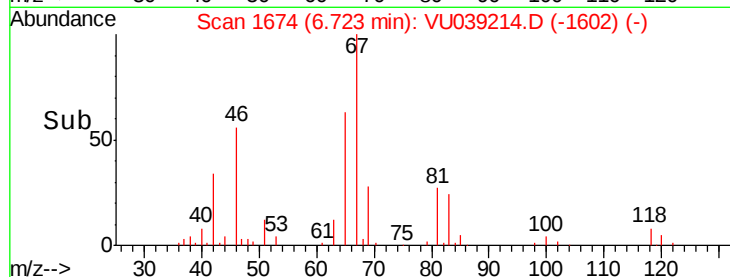
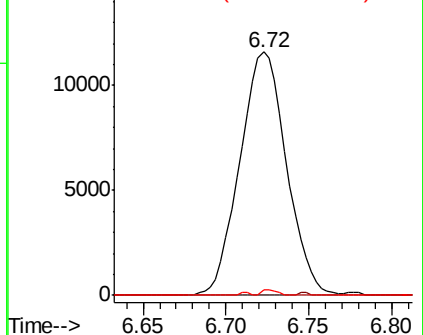
#35
Methvlcvclohexane
Concen: 0.839 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039214.D
Acq: 30 Jun 2020 02:52

Instrument :
MSVOA_U
ClientSampleId :
F9F75

Tot Ion: 83 Resp: 22650
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 0.8 38.2 57.4#

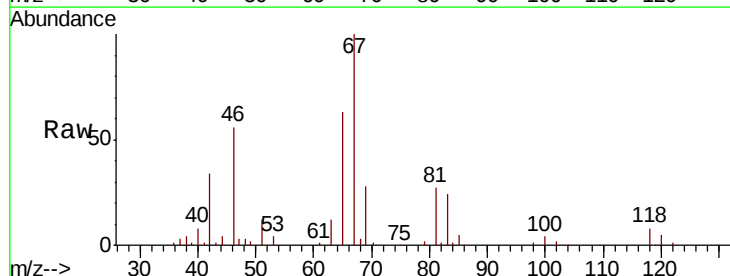


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

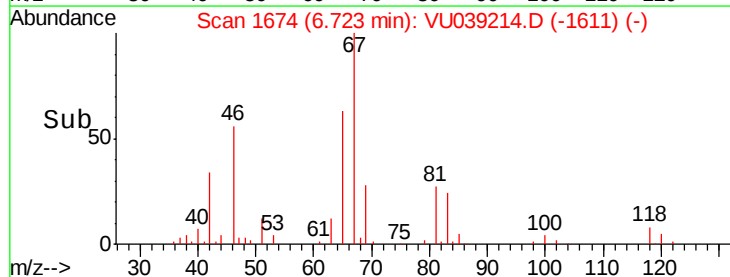
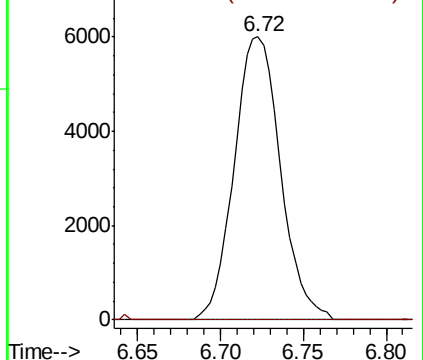


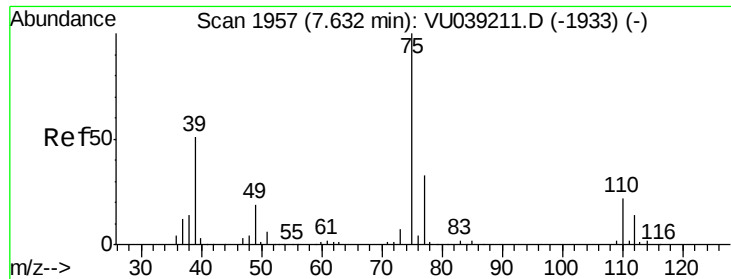
#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039214.D
Acq: 30 Jun 2020 02:52

Tgt Ion: 63 Resp: 11671
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#



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

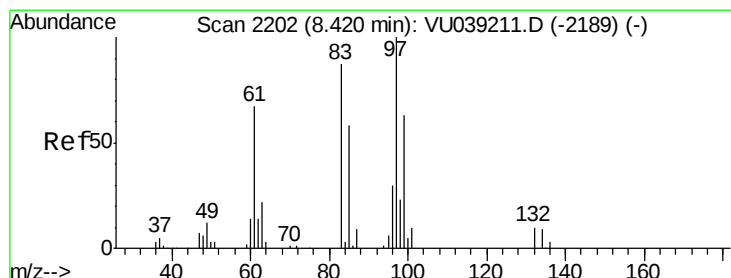
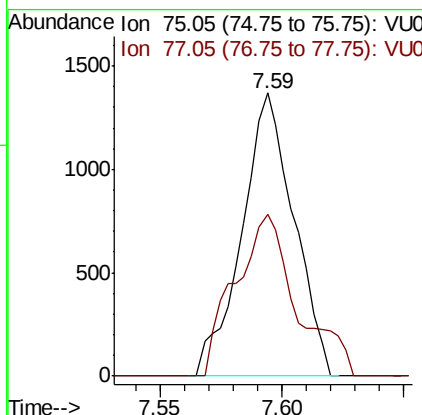
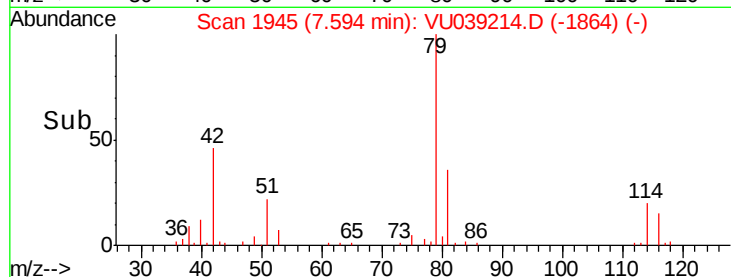
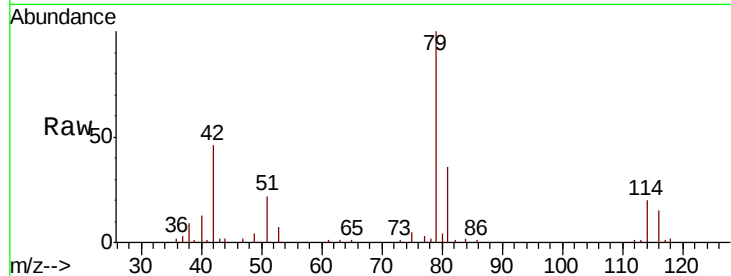




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039214.D
 Acq: 30 Jun 2020 02:52

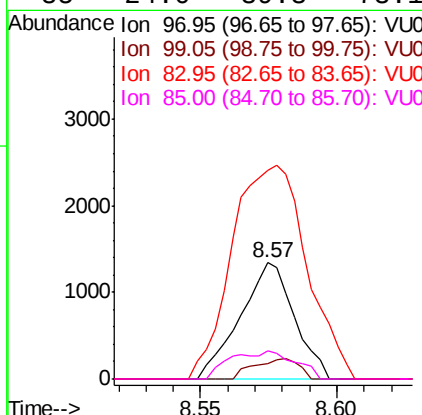
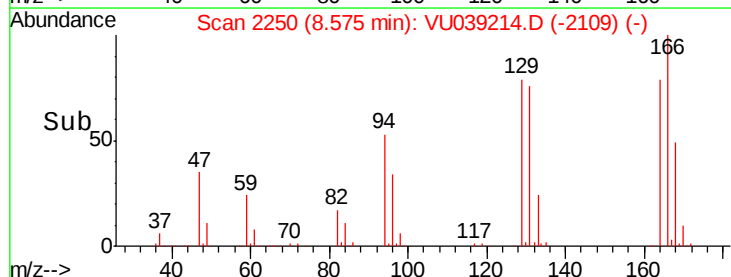
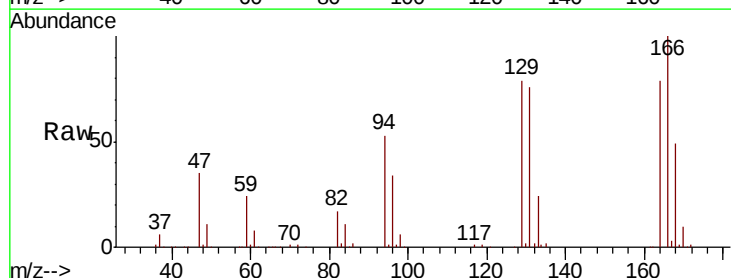
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F75

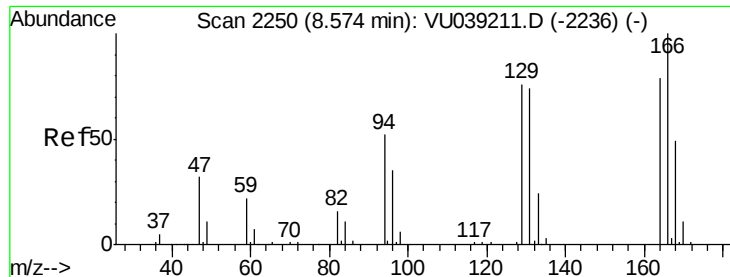
Tot Ion: 75 Resp: 2021
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.7 42.1#



#45
 1,1,2-Trichloroethane
 Concen: 0.132 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU039214.D
 Acq: 30 Jun 2020 02:52

Tgt Ion: 97 Resp: 1838
 Ion Ratio Lower Upper
 97 100
 99 13.1 43.5 80.7#
 83 179.2 59.1 109.9#
 85 24.0 39.3 73.1#





#47

Tetrachloroethene

Concen: 14.086 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU039214.D

Acq: 30 Jun 2020 02:52

Instrument :

MSVOA_U

ClientSampled :

F9F75

Tot Ion:164 Resp: 183632

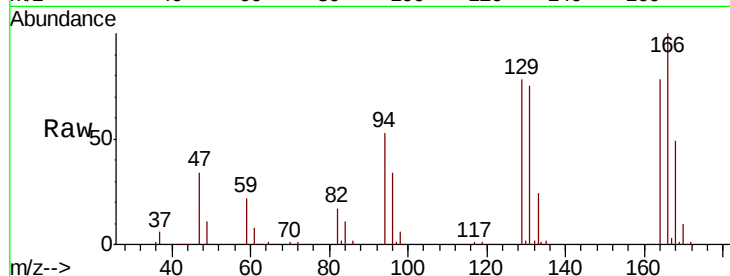
Ion Ratio Lower Upper

164 100

129 100.5 67.6 125.6

131 96.1 66.1 122.7

166 128.6 86.8 161.2

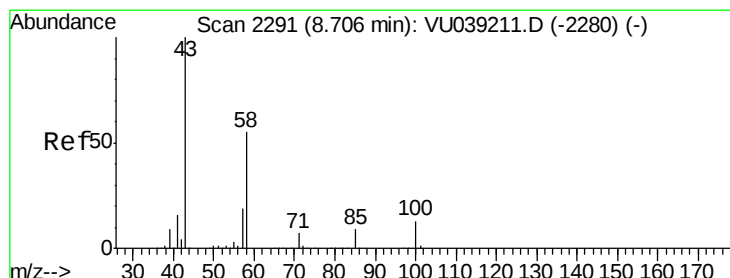
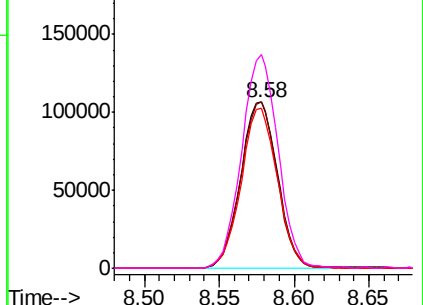
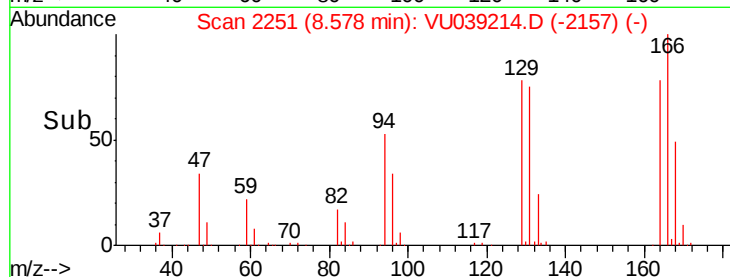


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.103 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU039214.D

Acq: 30 Jun 2020 02:52

Tgt Ion: 43 Resp: 21814

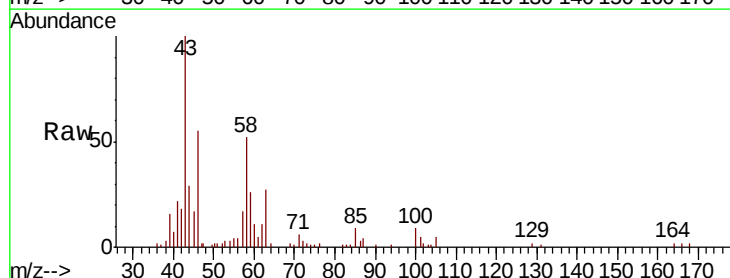
Ion Ratio Lower Upper

43 100

58 40.2 43.6 65.4#

57 16.3 15.6 23.4

100 7.8 9.4 14.2#

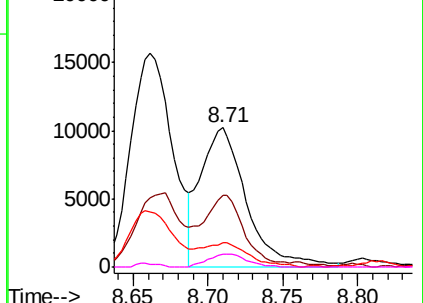
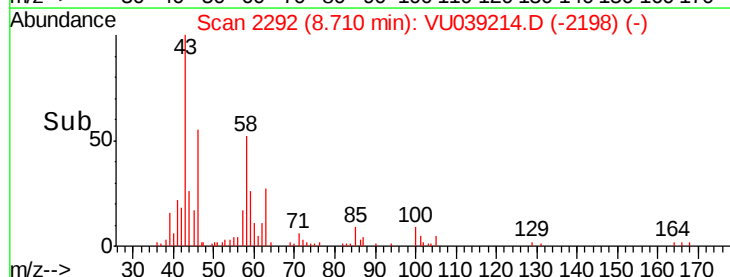


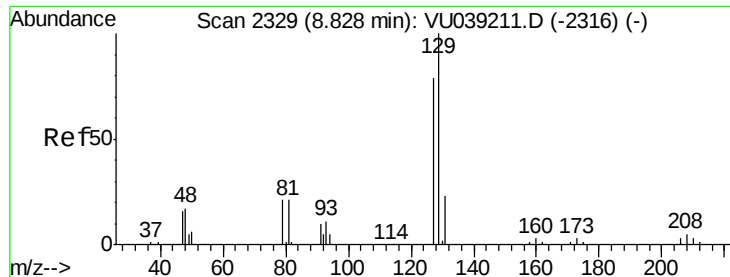
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 11.231 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.25 min

Lab File: VU039214.D

Acq: 30 Jun 2020 02:52

Instrument :

MSVOA_U

ClientSampleId :

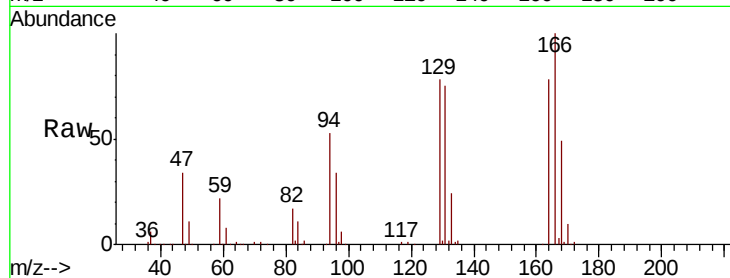
F9F75

Tot Ion:129 Resp: 180278

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.58

120000

100000

80000

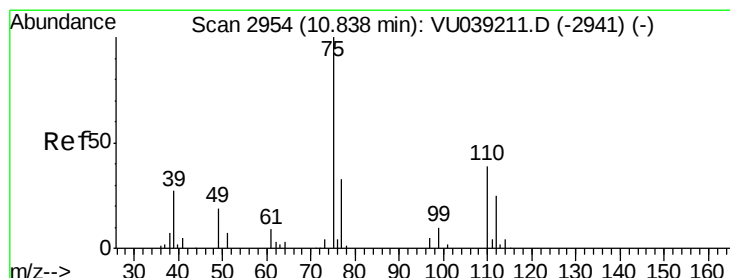
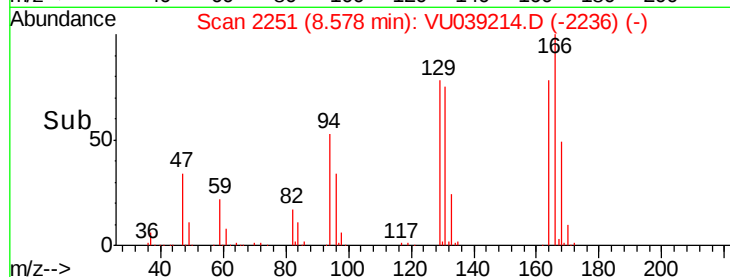
60000

40000

20000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.886 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU039214.D

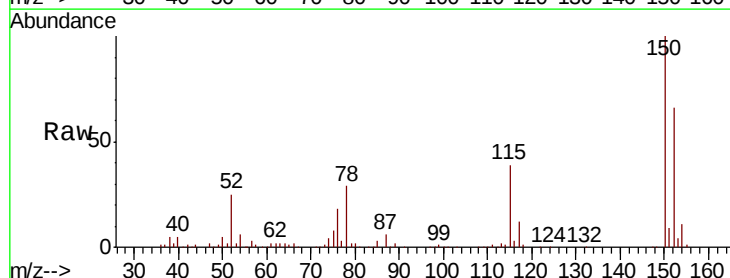
Acq: 30 Jun 2020 02:52

Tgt Ion: 75 Resp: 12540

Ion Ratio Lower Upper

75 100

77 39.3 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

8000

6000

4000

2000

0

Time-->

