

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040966.D
 Acq On : 27 Oct 2020 01:07
 Operator : SY/MD
 Sample : L4492-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COANO

Quant Time: Oct 27 05:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55534	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24609	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.92	69	20065	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.58	63	37039	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.66	46	86591	56.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.72%
24) Chloroform-d	5.08	84	44411	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.72	65	28059	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.74	84	81523	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	28012	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.91	98	64824	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.19	79	10503	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	62900	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24725	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	25288	6.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.00%#

Target Compounds

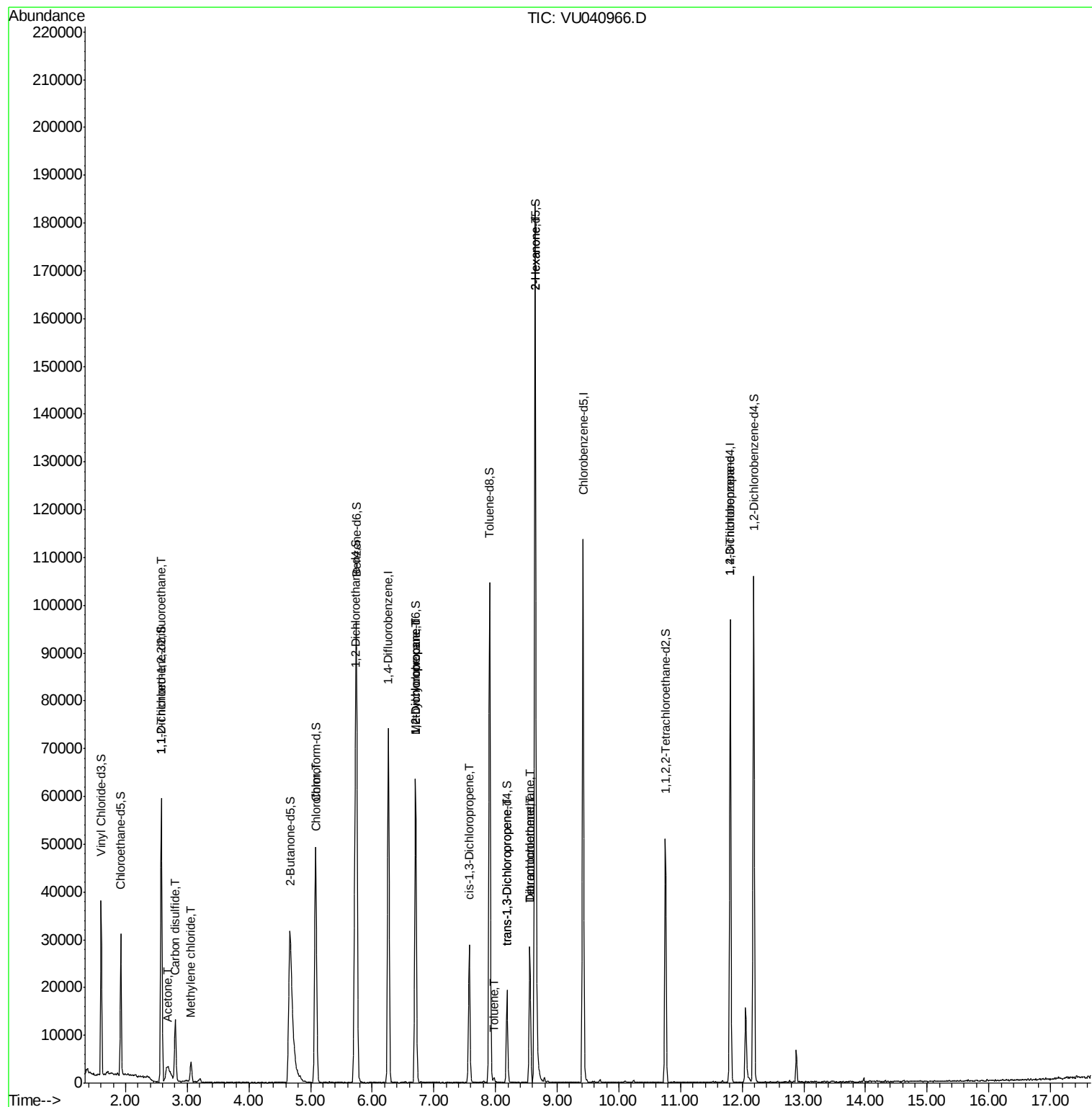
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	235	0.057	ug/L #	22
13) Acetone	2.68	43	8112	7.723	ug/L	77
14) Carbon disulfide	2.81	76	16069	1.226	ug/L	99
16) Methylene chloride	3.06	84	1824	0.399	ug/L	96
25) Chloroform	5.10	83	497	0.062	ug/L #	73
35) Methylcyclohexane	6.70	83	6602	0.996	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3234	0.685	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	807	0.124	ug/L #	77
42) Toluene	7.98	91	676	0.038	ug/L #	55
44) trans-1,3-Dichloropropene	8.19	75	452	0.074	ug/L #	64
47) Tetrachloroethene	8.56	164	5737	1.756	ug/L	98
48) 2-Hexanone	8.64	43	8589	3.028	ug/L #	72
49) Dibromochloromethane	8.56	129	6142	1.504	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3146	0.893	ug/L	91

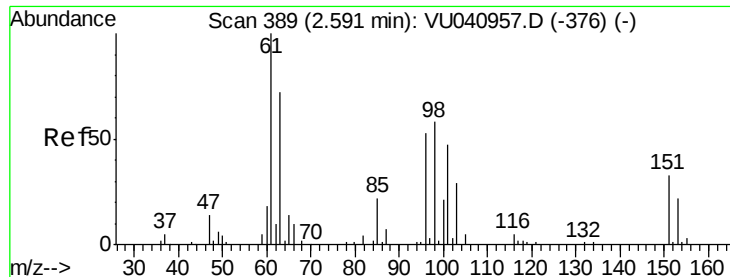
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 05:24:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.057 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Instrument :

MSVOA_U

ClientSampleId :

COANO

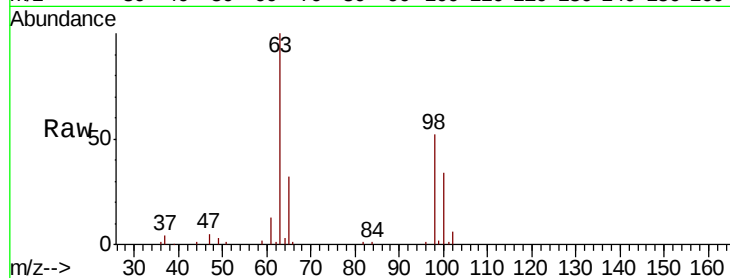
Tot Ion:101 Resp: 235

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

250

200

150

100

50

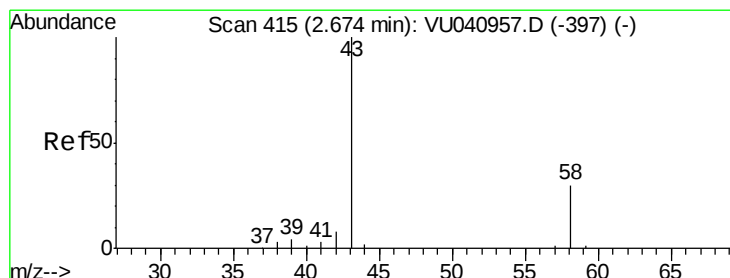
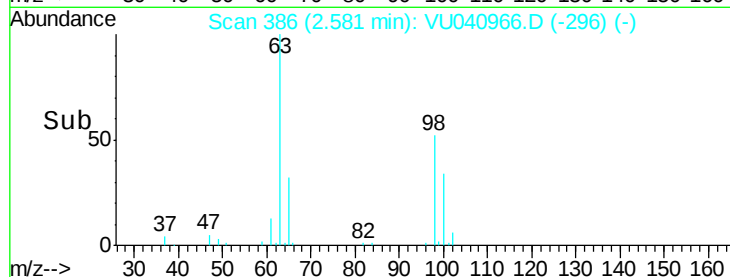
0

2.56

2.58

2.60

Time-->



#13

Acetone

Concen: 7.723 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU040966.D

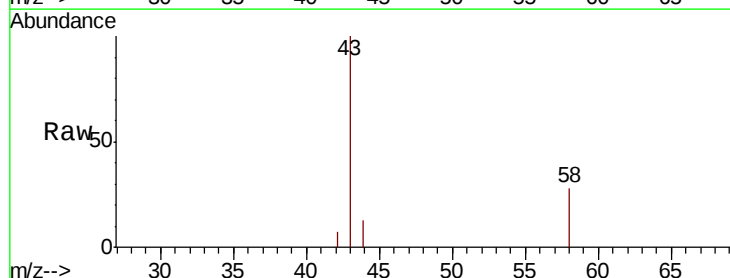
Acq: 27 Oct 2020 01:07

Tgt Ion: 43 Resp: 8112

Ion Ratio Lower Upper

43 100

58 3.8 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2500

2000

1500

1000

500

0

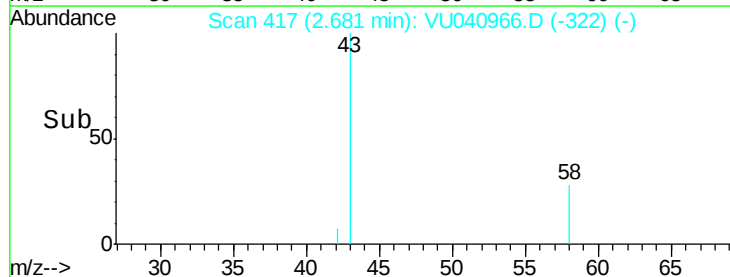
2.60

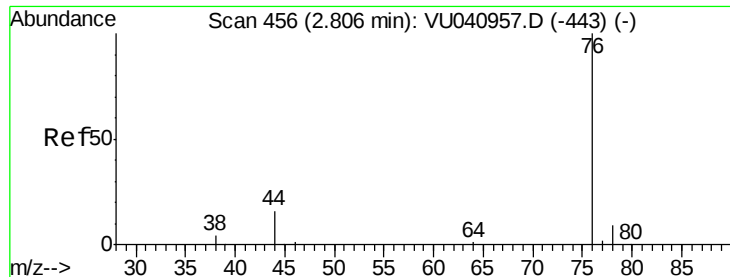
2.65

2.70

2.75

Time-->





#14

Carbon disulfide

Concen: 1.226 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Instrument :

MSVOA_U

ClientSampled :

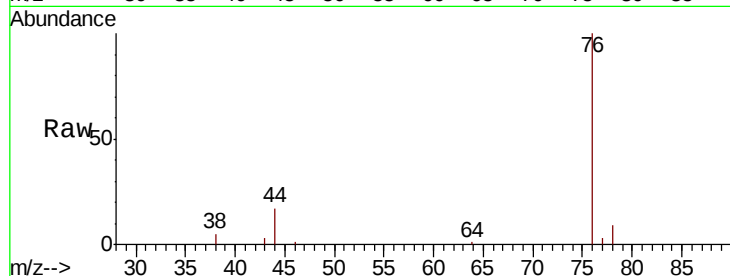
COANO

Tot Ion: 76 Resp: 16069

Ion Ratio Lower Upper

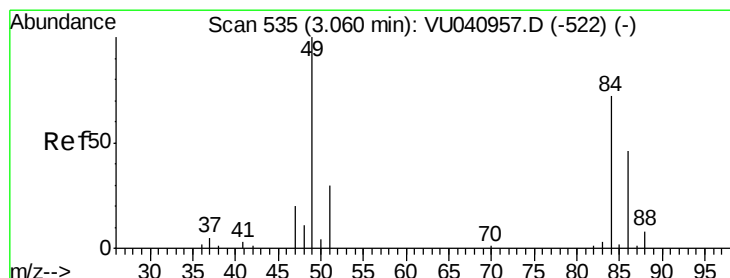
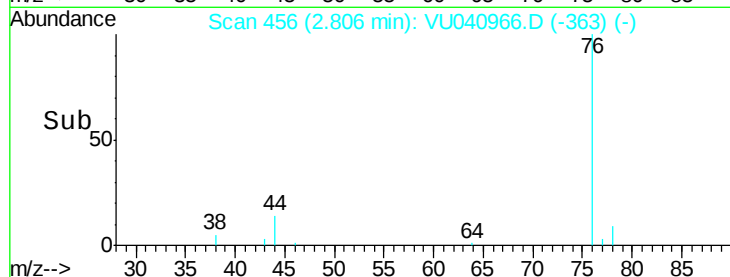
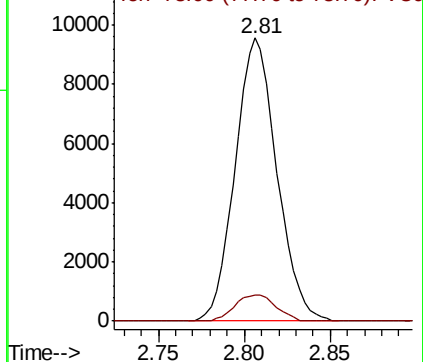
76 100

78 9.2 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#16

Methylene chloride

Concen: 0.399 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

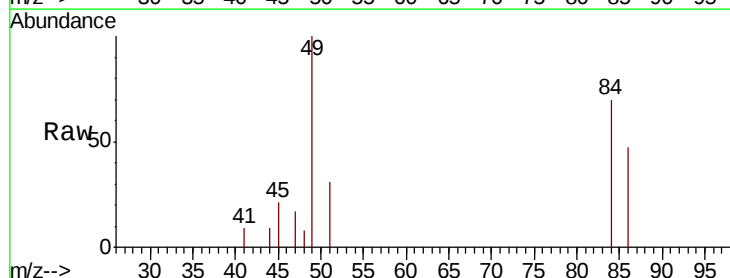
Tgt Ion: 84 Resp: 1824

Ion Ratio Lower Upper

84 100

86 67.7 42.8 79.6

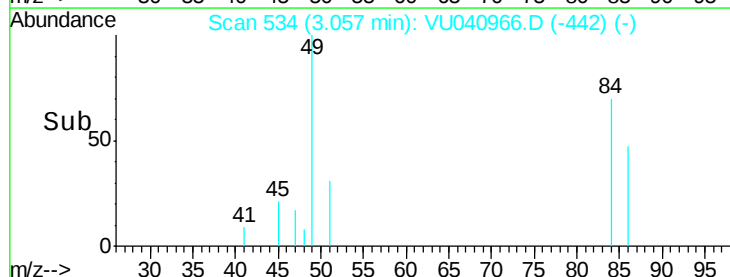
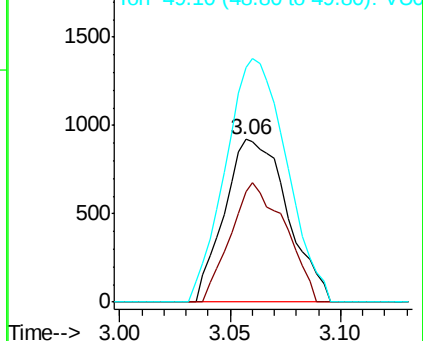
49 143.8 99.5 184.7

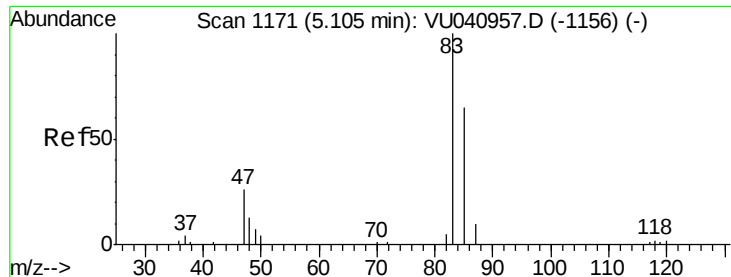


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#25

Chloroform

Concen: 0.062 ug/L

RT: 5.10 min Scan# 1169

Delta R.T. -0.01 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Instrument :

MSVOA_U

ClientSampleId :

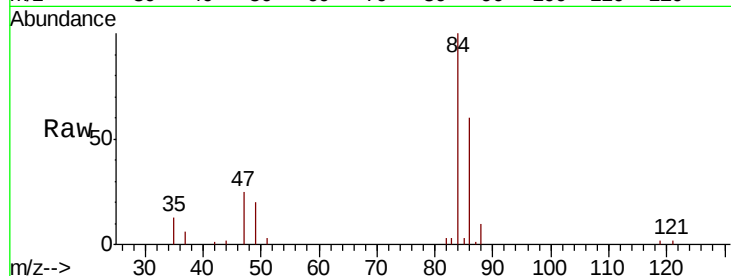
COANO

Tot Ion: 83 Resp: 497

Ion Ratio Lower Upper

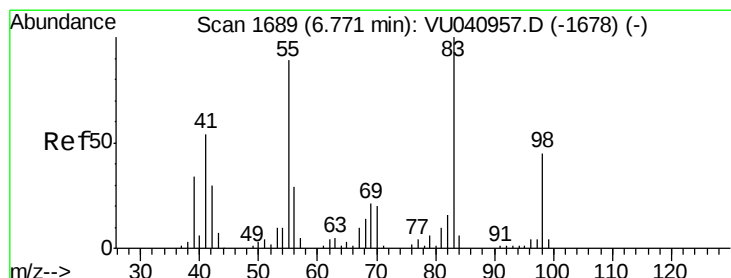
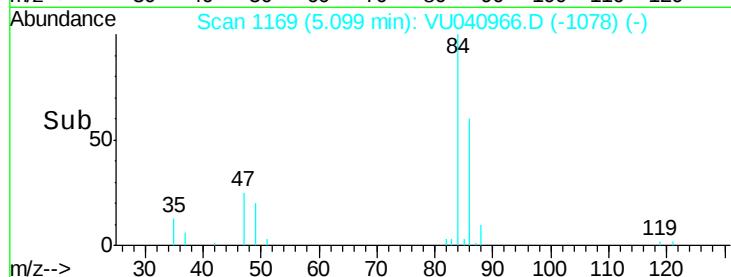
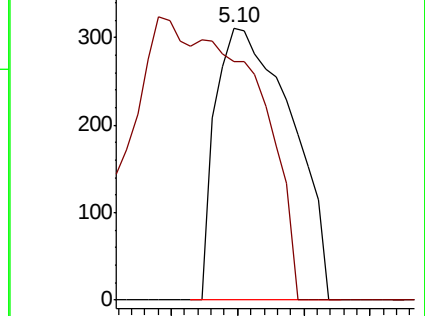
83 100

85 87.5 46.1 85.7#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.996 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

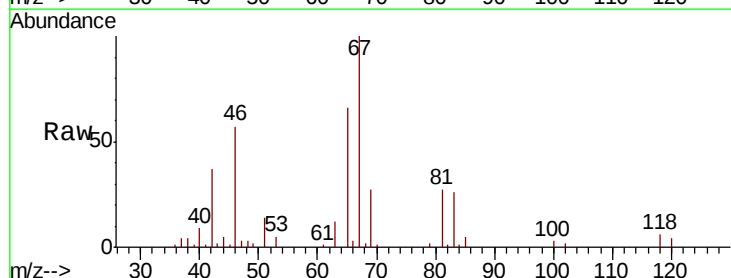
Tgt Ion: 83 Resp: 6602

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

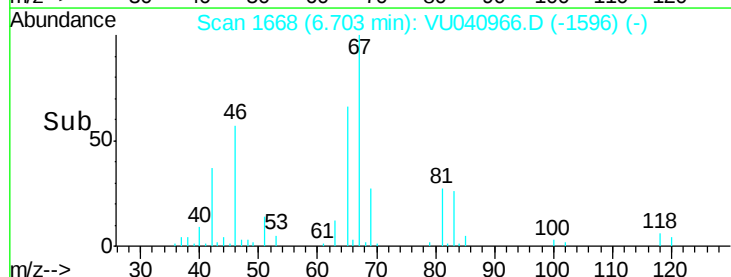
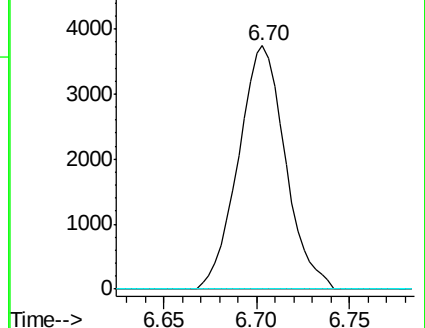
98 0.0 36.6 55.0#

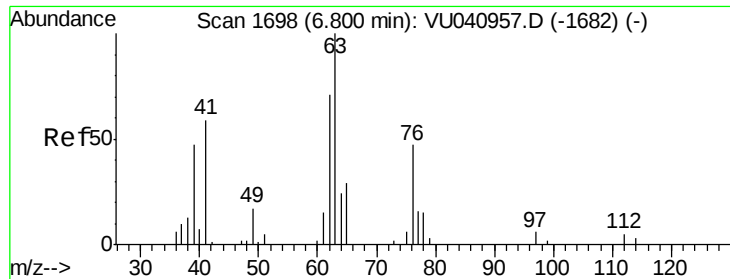


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

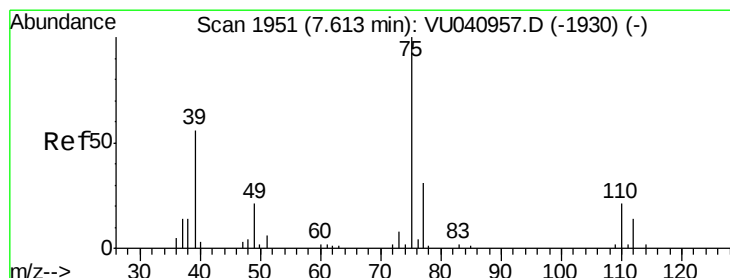
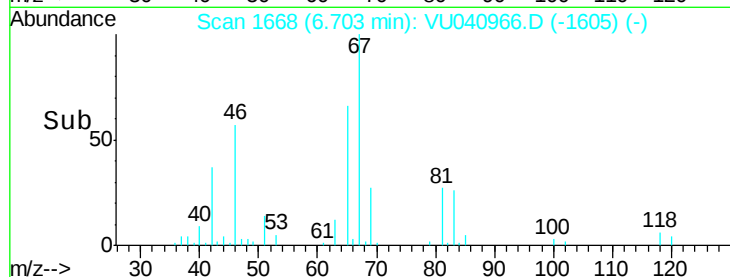
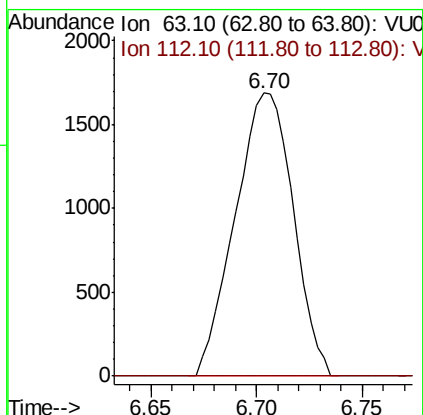
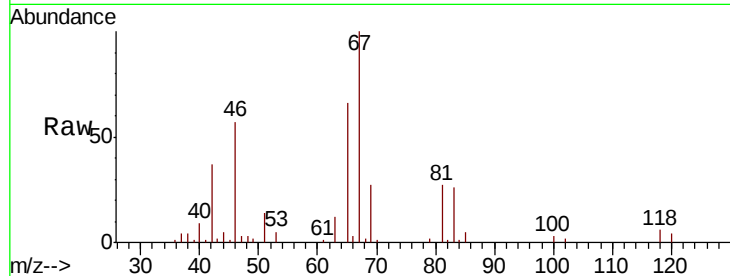




#37
 1,2-Dichloropropane
 Concen: 0.685 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040966.D
 Acq: 27 Oct 2020 01:07

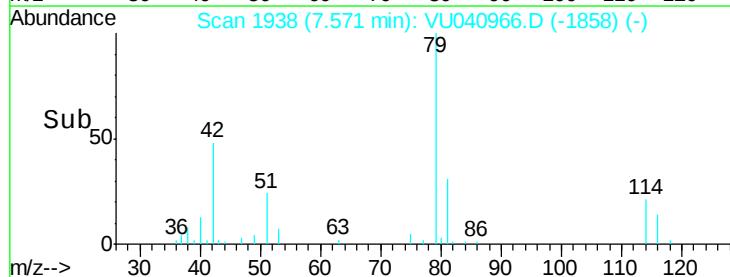
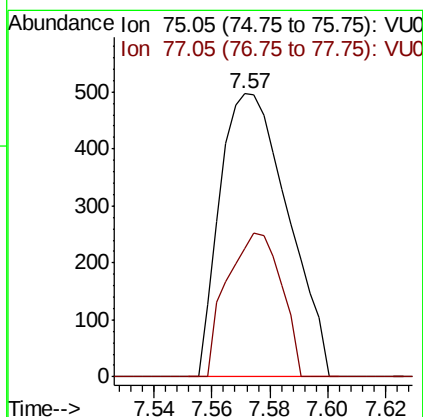
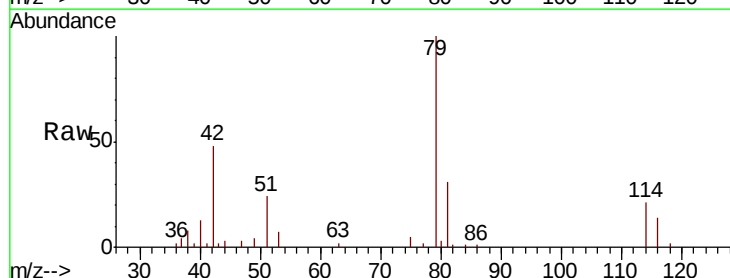
Instrument :
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 COANO

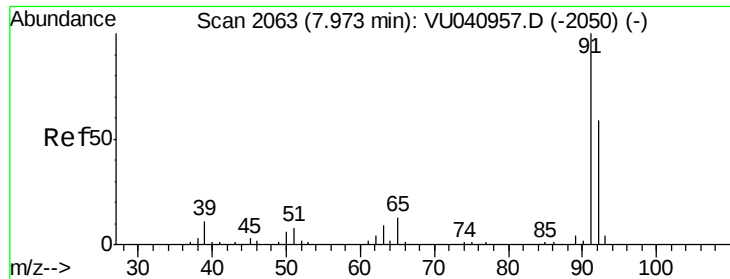
Tot Ion: 63 Resp: 3234
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040966.D
 Acq: 27 Oct 2020 01:07

Tgt Ion: 75 Resp: 807
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.7 42.3#





#42

Toluene

Concen: 0.038 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Instrument :

MSVOA_U

ClientSampleId :

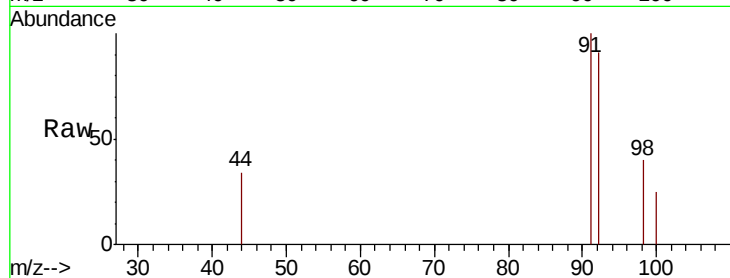
COANO

Tot Ion: 91 Resp: 676

Ion Ratio Lower Upper

91 100

92 91.2 40.6 75.4#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

400

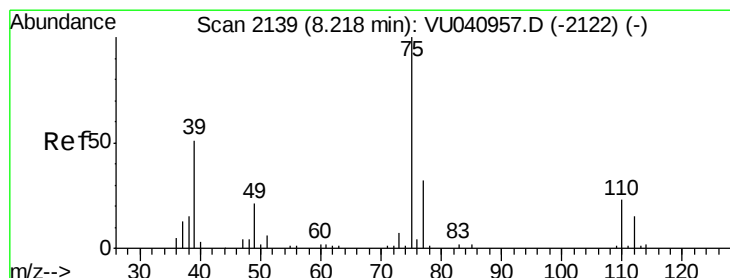
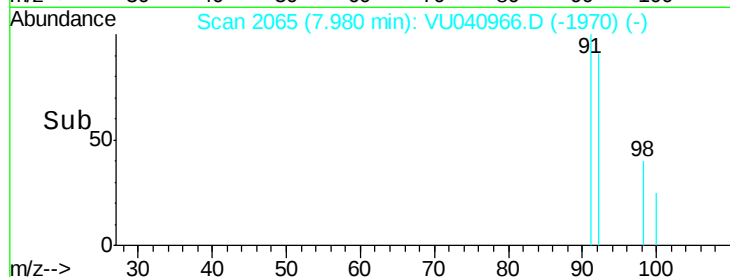
300

200

100

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040966.D

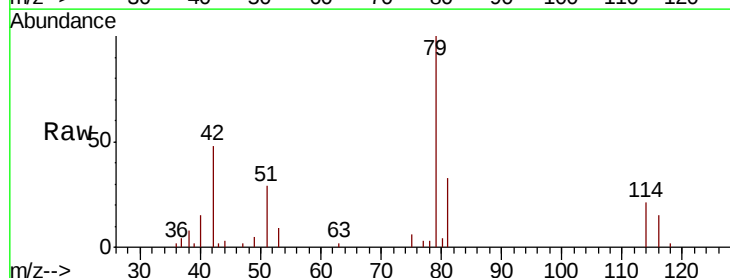
Acq: 27 Oct 2020 01:07

Tgt Ion: 75 Resp: 452

Ion Ratio Lower Upper

75 100

77 53.5 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

400

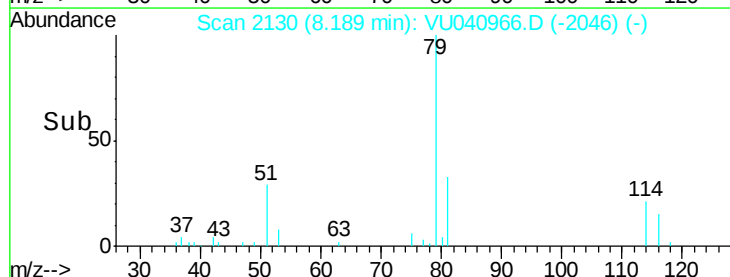
300

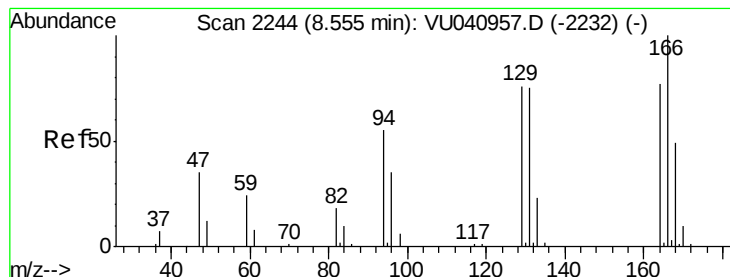
200

100

0

Time-->





#47

Tetrachloroethene

Concen: 1.756 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Instrument :

MSVOA_U

ClientSampleId :

COANO

Tot Ion:164 Resp: 5737

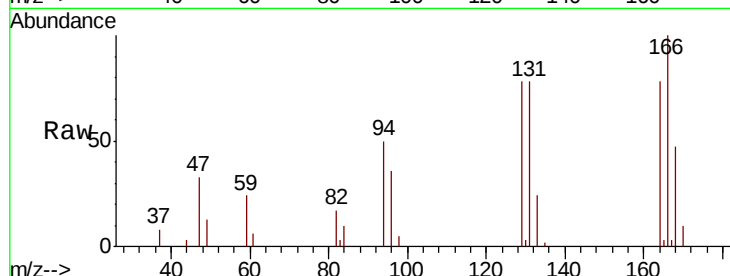
Ion Ratio Lower Upper

164 100

129 99.9 70.3 130.7

131 100.2 70.8 131.4

166 127.8 92.0 170.8

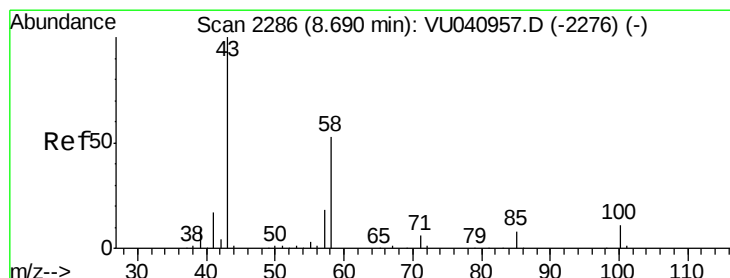
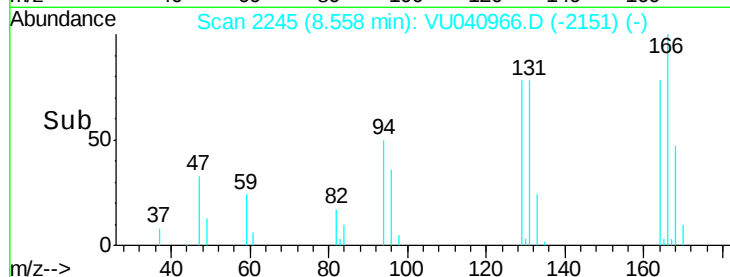
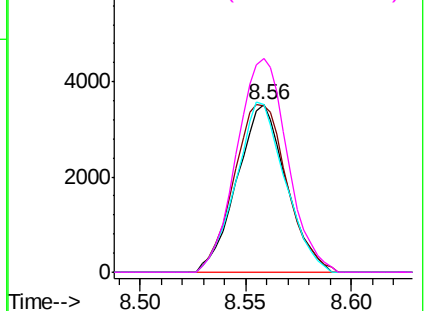


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.028 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040966.D

Acq: 27 Oct 2020 01:07

Tgt Ion: 43 Resp: 8589

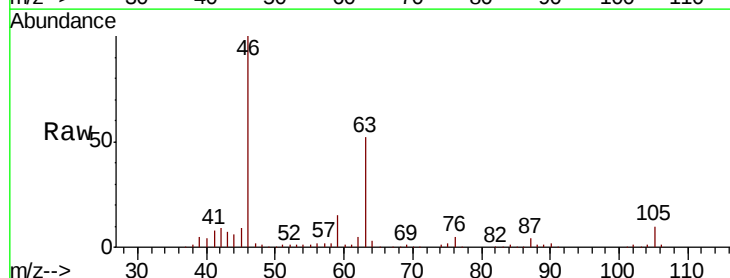
Ion Ratio Lower Upper

43 100

58 31.2 41.4 62.2#

57 29.7 14.6 21.8#

100 0.0 8.3 12.5#

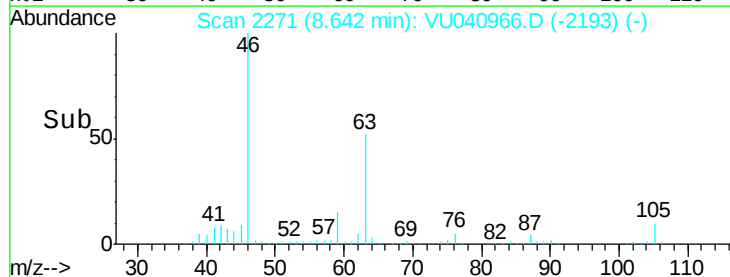
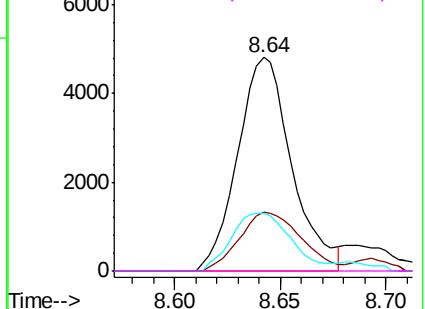


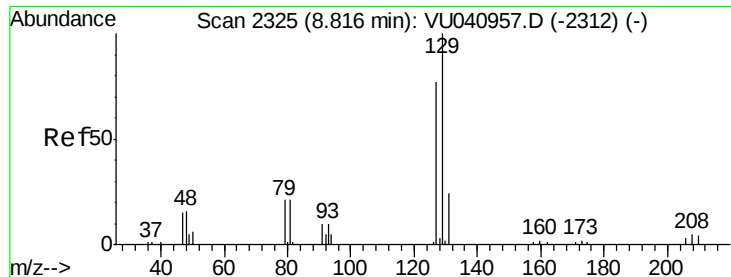
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

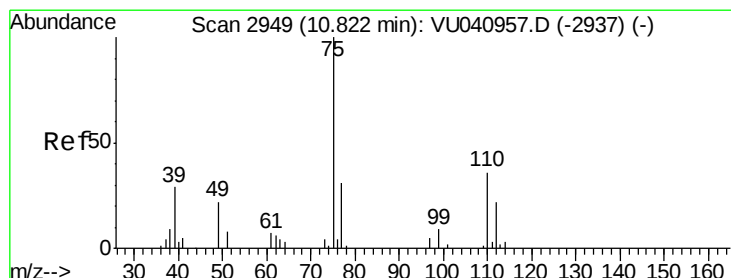
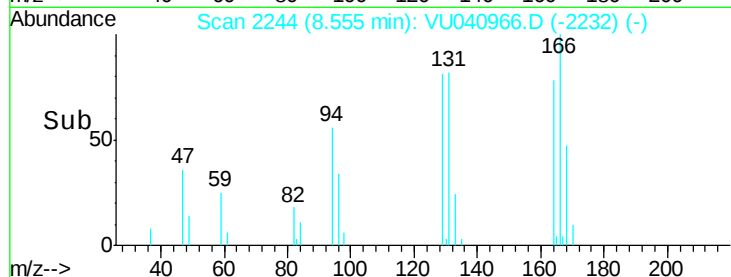
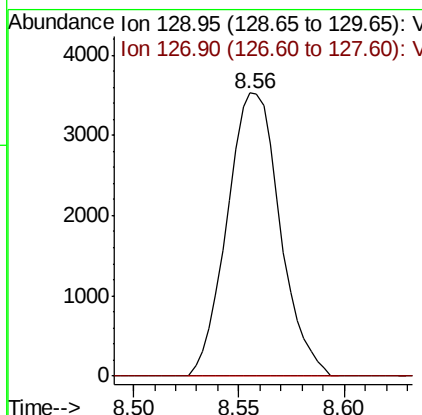
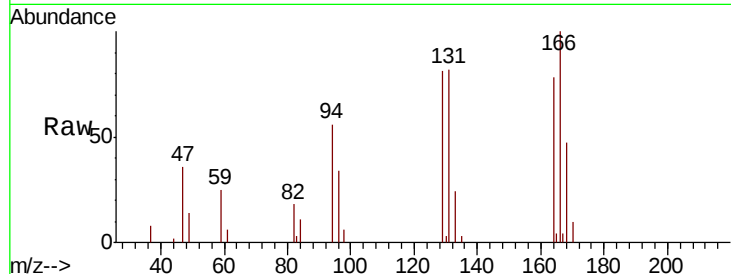




#49
 Dibromochloromethane
 Concen: 1.504 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.26 min
 Lab File: VU040966.D
 Acq: 27 Oct 2020 01:07

Instrument :
 MSVOA_U
 ClientSampleId :
 COANO

Tot Ion:129 Resp: 6142
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.4 99.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.893 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040966.D
 Acq: 27 Oct 2020 01:07

Tgt Ion: 75 Resp: 3146
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.7 38.5

