

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038571.D
 Acq On : 05 Jun 2020 14:35
 Operator : SY/MD
 Sample : L2860-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D58

Quant Time: Jun 06 01:35:53 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	302156	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67495	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.93	69	61237	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	111313	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.67	46	296241	49.87	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.10	84	169261	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	99222	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	324785	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	102417	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	274269	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	38817	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.65	63	250474	51.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93126	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	116179	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

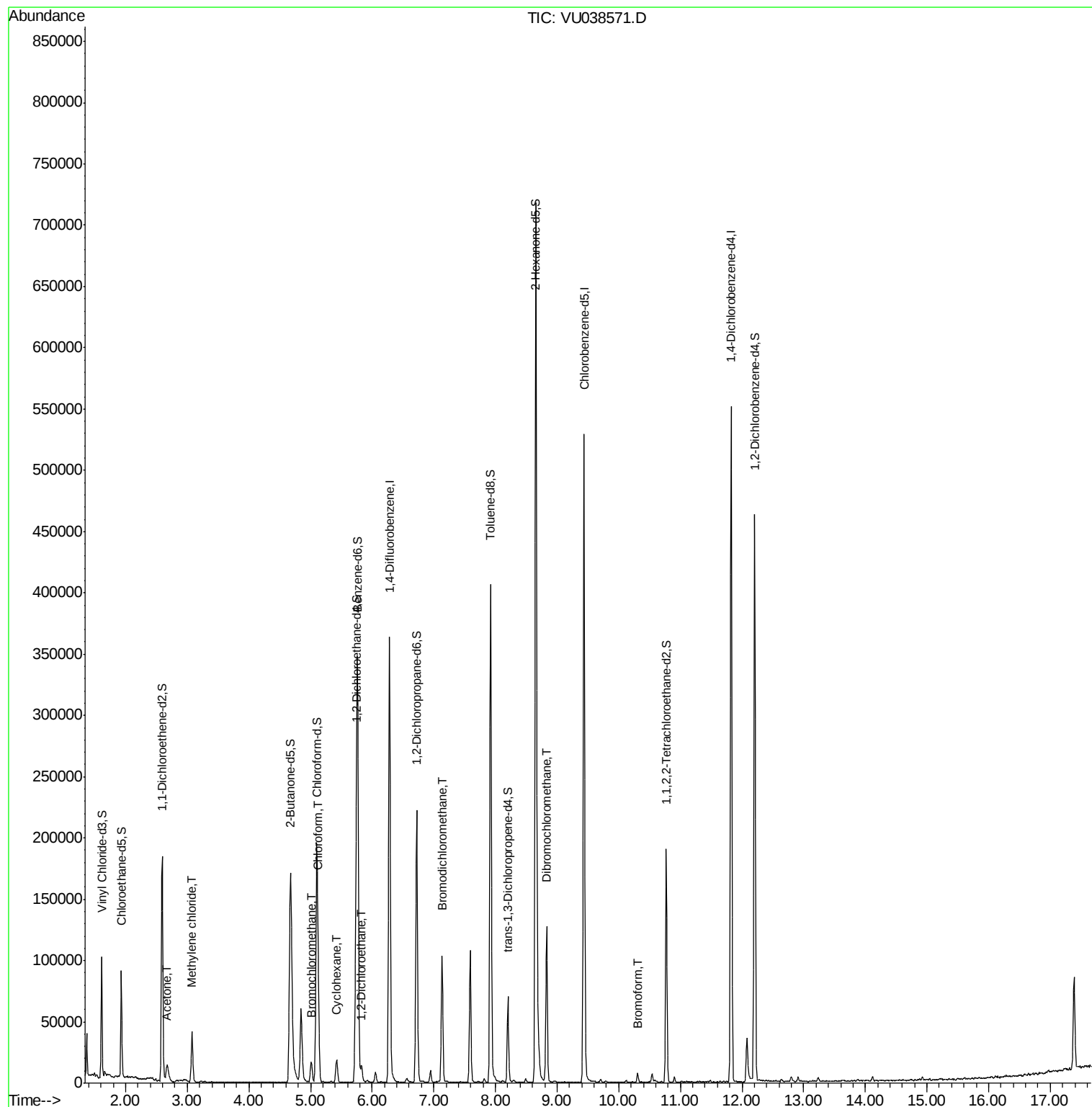
					Ovalue
13) Acetone	2.67	43	24533	6.310	ug/L 100
16) Methylene chloride	3.08	84	18702	0.888	ug/L 97
23) Bromochloromethane	5.01	128	5303	0.546	ug/L 95
25) Chloroform	5.13	83	45741	1.255	ug/L 99
27) 1,2-Dichloroethane	5.83	62	9338	0.364	ug/L 96
30) Cyclohexane	5.43	56	8519	0.258	ug/L 93
38) Bromodichloromethane	7.13	83	67059	2.591	ug/L 94
49) Dibromochloromethane	8.83	129	66383	3.911	ug/L 100
61) Bromoform	10.31	173	3180	0.355	ug/L # 94

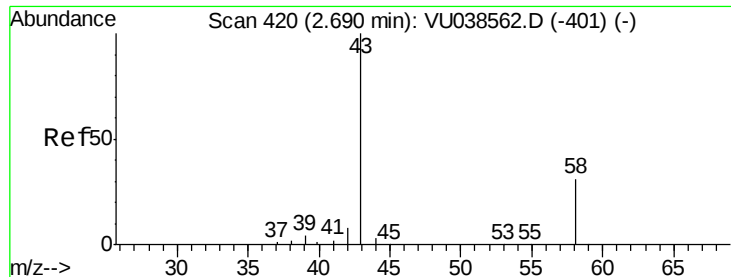
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.310 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

Instrument :

MSVOA_U

ClientSampleId :

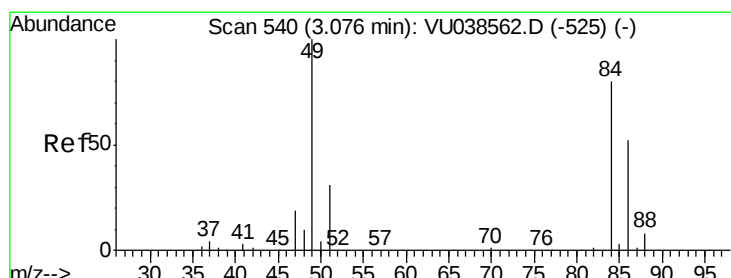
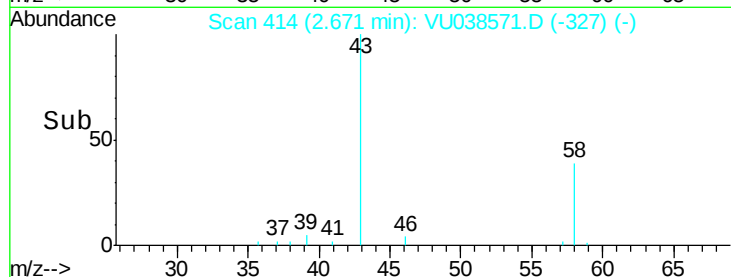
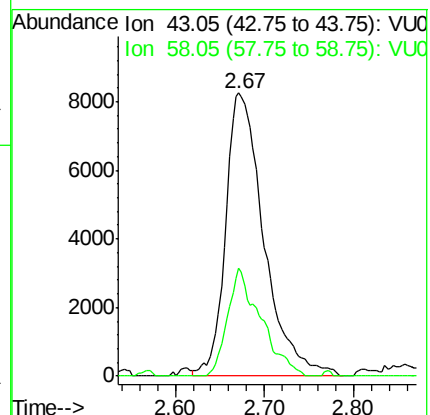
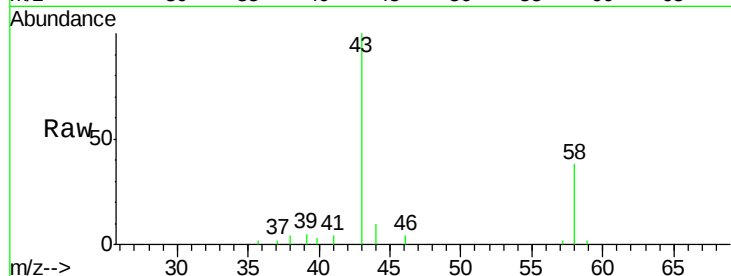
F9D58

Tot Ion: 43 Resp: 24533

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.6



#16

Methylene chloride

Concen: 0.888 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

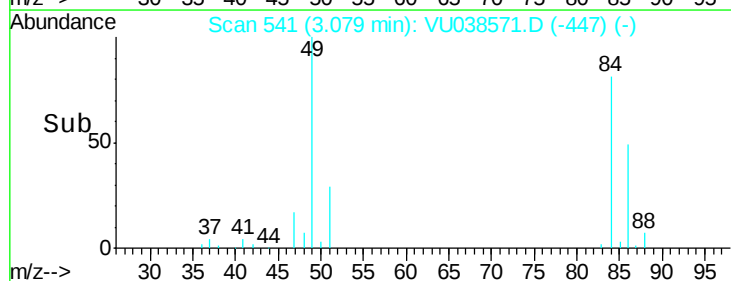
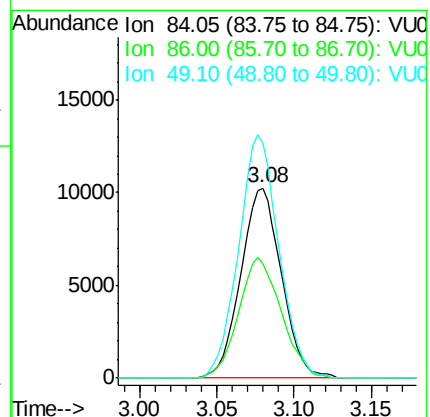
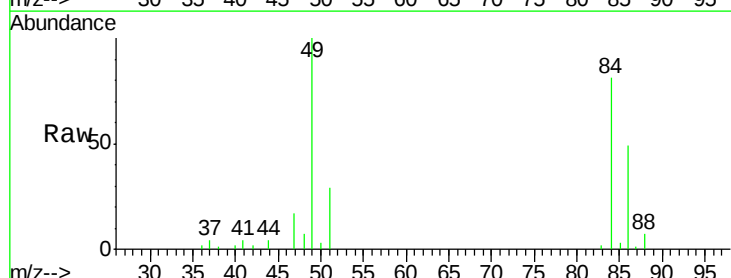
Tgt Ion: 84 Resp: 18702

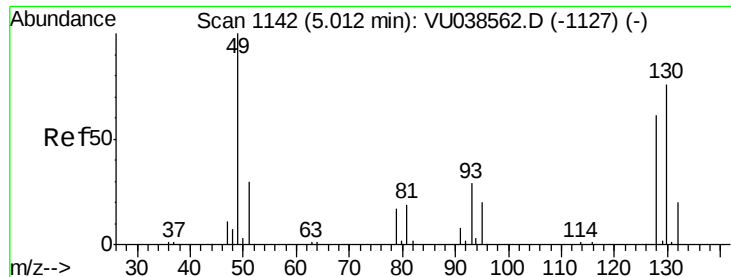
Ion Ratio Lower Upper

84 100

86 60.3 45.0 83.6

49 123.7 85.5 158.9



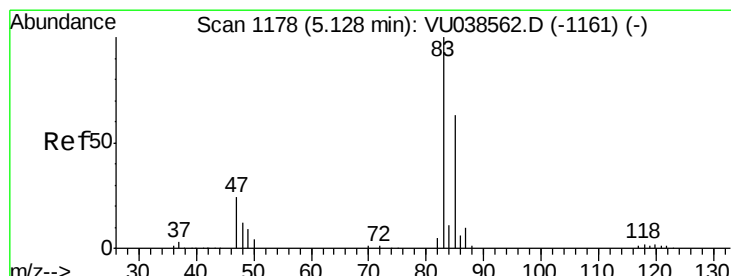
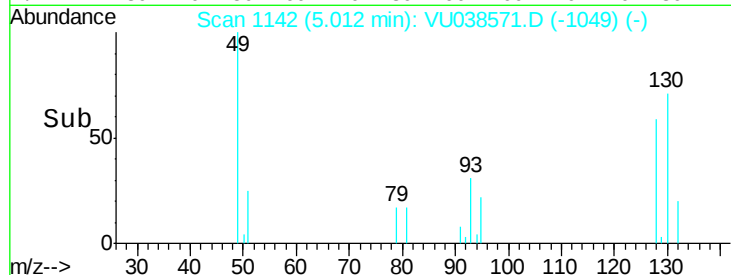
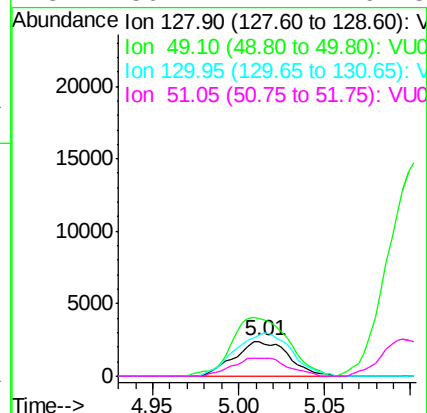
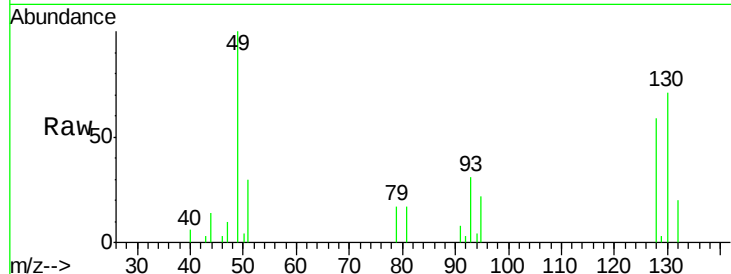


#23
 Bromochloromethane
 Concen: 0.546 ug/L
 RT: 5.01 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU038571.D
 Acq: 05 Jun 2020 14:35

Instrument :
 MSVOA_U
 ClientSampled :
 F9D58

Tot Ion:128 Resp: 5303

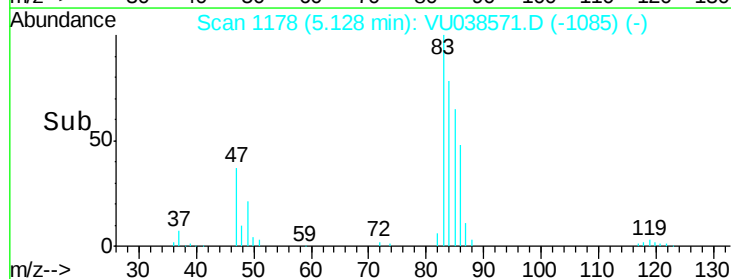
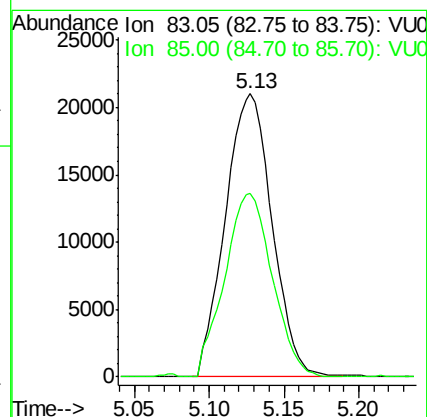
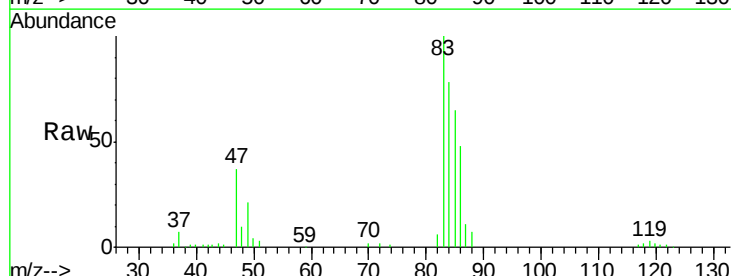
Ion	Ratio	Lower	Upper
128	100		
49	168.2	111.9	207.7
130	119.5	86.5	160.7
51	50.4	41.7	62.5

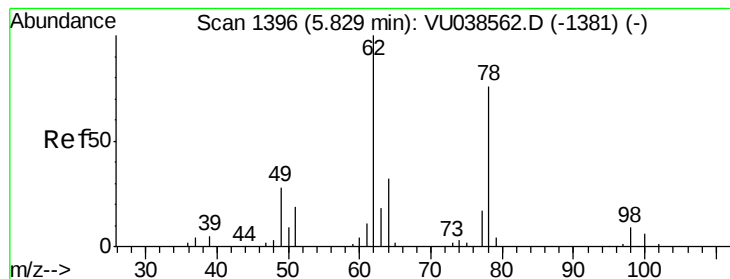


#25
 Chloroform
 Concen: 1.255 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU038571.D
 Acq: 05 Jun 2020 14:35

Tgt Ion: 83 Resp: 45741

Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.9	83.5





#27

1,2-Dichloroethane

Concen: 0.364 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

Instrument :

MSVOA_U

ClientSampled :

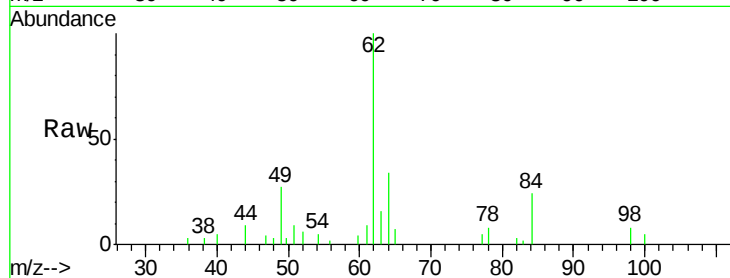
F9D58

Tot Ion: 62 Resp: 9338

Ion Ratio Lower Upper

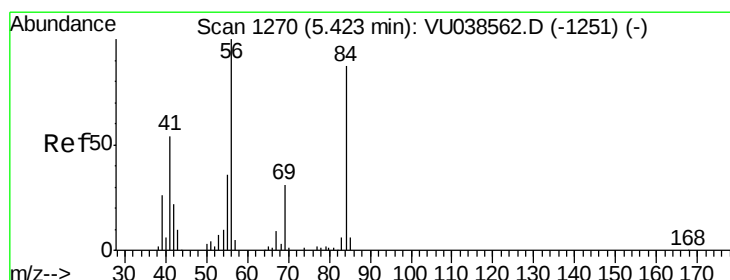
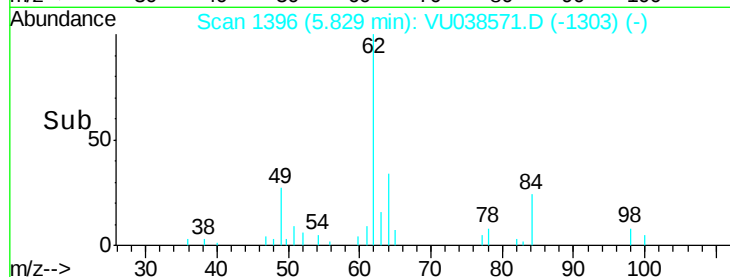
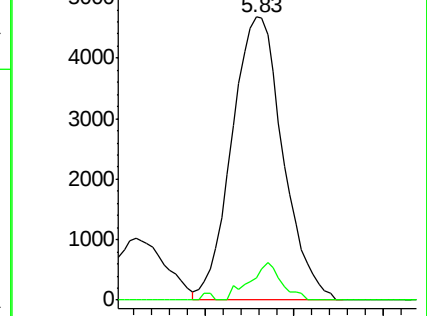
62 100

98 7.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038571.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU038571.D (-1303) (-)



#30

Cyclohexane

Concen: 0.258 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

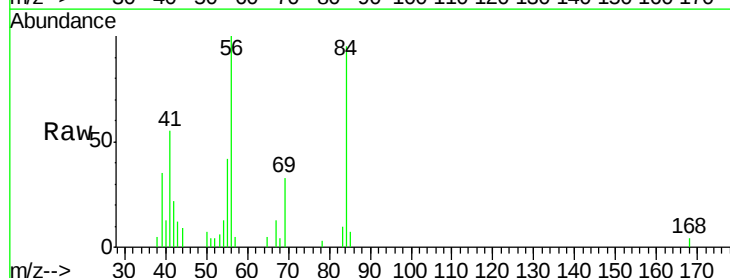
Tgt Ion: 56 Resp: 8519

Ion Ratio Lower Upper

56 100

69 32.2 24.2 36.4

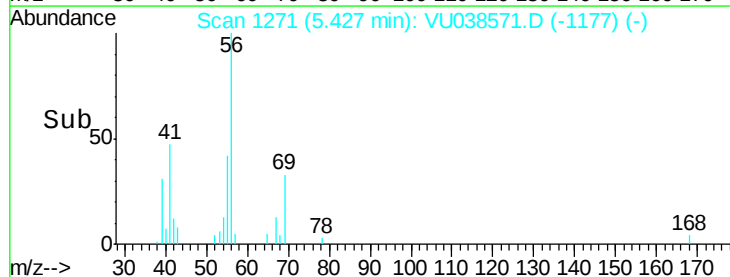
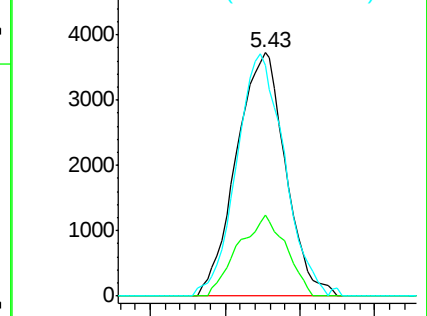
84 96.6 70.8 106.2

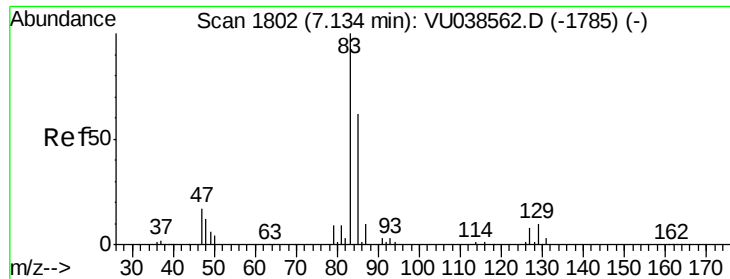


Abundance Ion 56.10 (55.80 to 56.80): VU038571.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038571.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038571.D (-1177) (-)





#38

Bromodichloromethane

Concen: 2.591 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

Instrument :

MSVOA_U

ClientSampleId :

F9D58

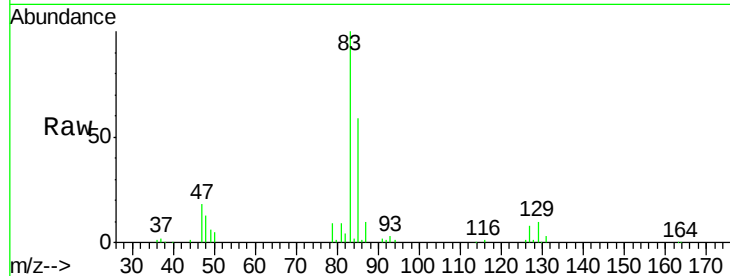
Tot Ion: 83 Resp: 67059

Ion Ratio Lower Upper

83 100

85 59.0 44.7 83.1

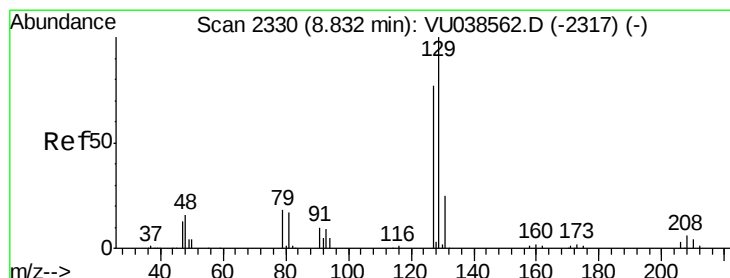
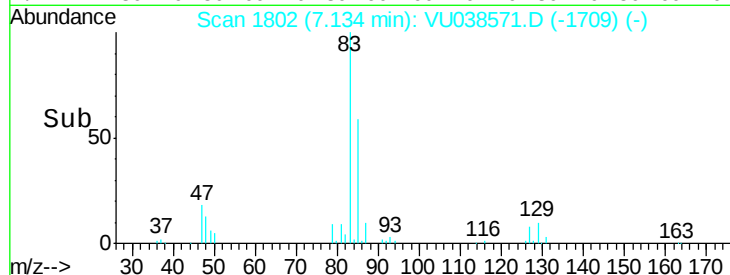
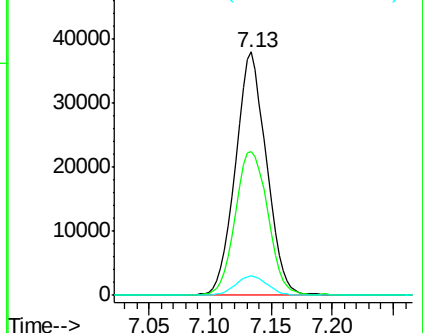
127 7.9 6.8 10.2



Abundance Ion 82.95 (82.65 to 83.65): VU038571.D (-1709) (-)

Ion 85.00 (84.70 to 85.70): VU038571.D (-1709) (-)

Ion 126.90 (126.60 to 127.60): VU038571.D (-1709) (-)



#49

Dibromochloromethane

Concen: 3.911 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU038571.D

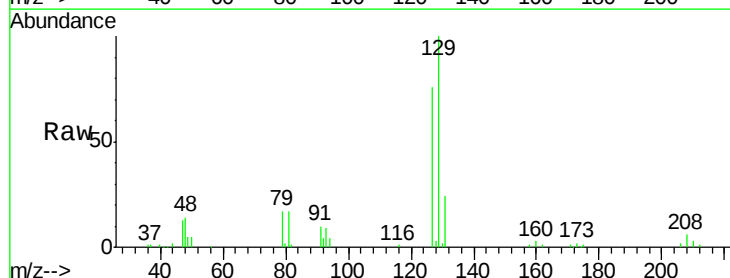
Acq: 05 Jun 2020 14:35

Tgt Ion: 129 Resp: 66383

Ion Ratio Lower Upper

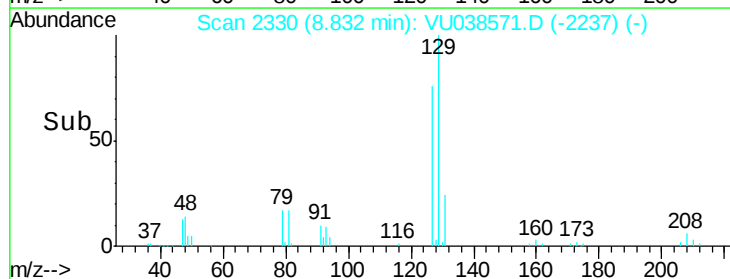
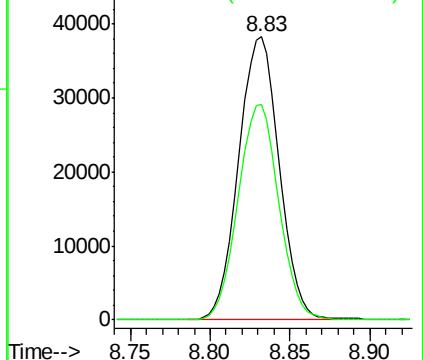
129 100

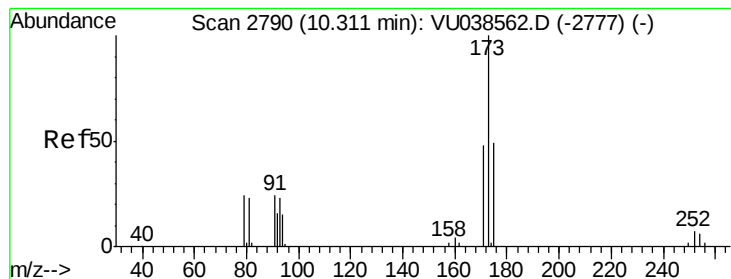
127 76.0 53.3 99.1



Abundance Ion 128.95 (128.65 to 129.65): VU038571.D (-2237) (-)

Ion 126.90 (126.60 to 127.60): VU038571.D (-2237) (-)





#61

Bromoform

Concen: 0.355 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU038571.D

Acq: 05 Jun 2020 14:35

Instrument :

MSVOA_U

ClientSampleId :

F9D58

Tot Ion:173 Resp: 3180

Ion Ratio Lower Upper

173 100

175 44.5 38.7 58.1

254 3.6 5.4 8.2#

