

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038141.D
 Acq On : 13 May 2020 14:21
 Operator : JC/MD
 Sample : L2634-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:14:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	364929	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124126	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.93	69	114037	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.59	63	174625	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.76	46	438951	53.30	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	5.12	84	217507	4.29	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.75	65	132021	4.55	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.77	84	467871	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	154786	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.93	98	412701	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.21	79	56964	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.67	63	378829	58.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130613	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	154642	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

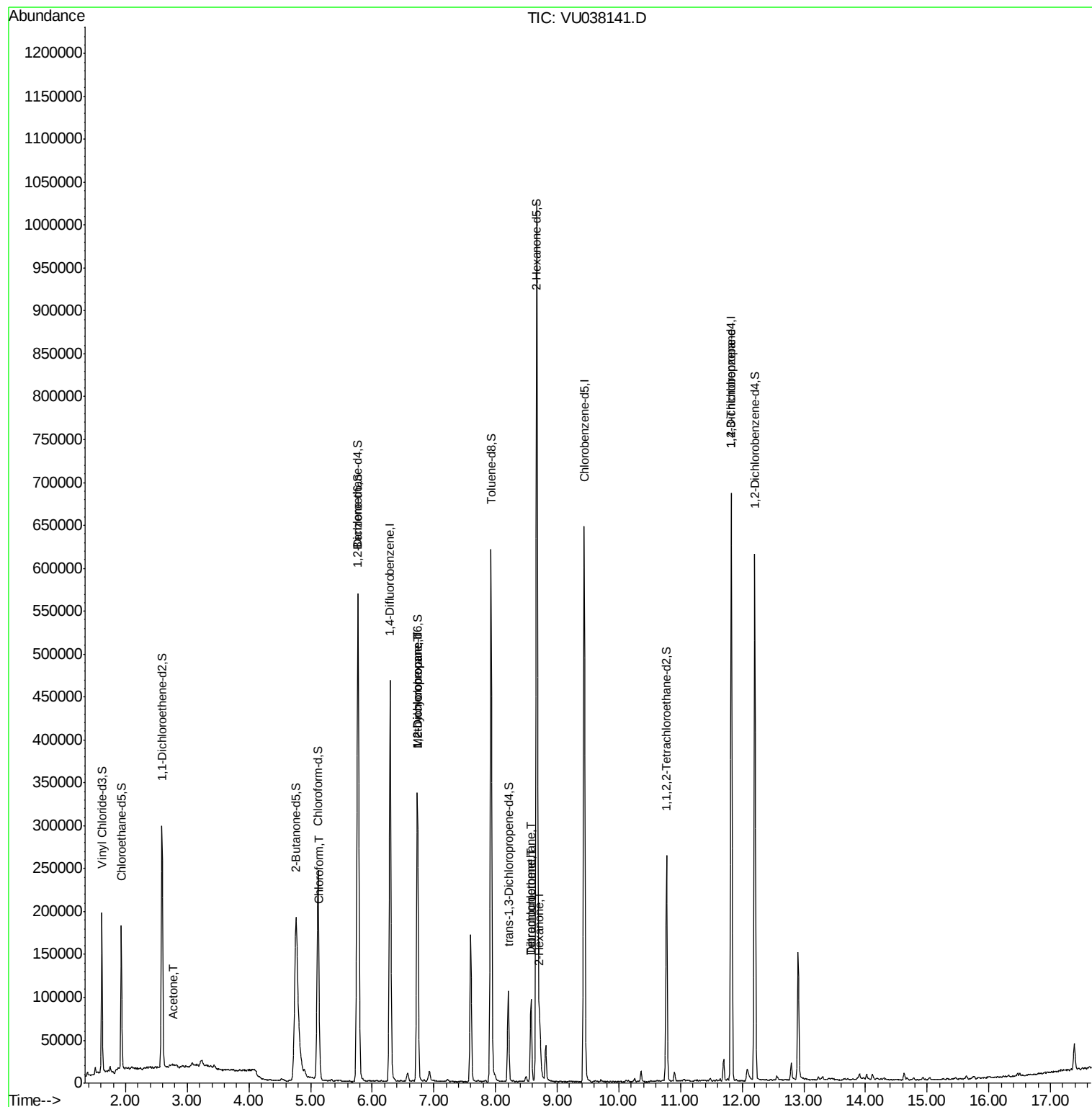
					Ovalue
13) Acetone	2.77	43	6503	1.259	ug/L 56
25) Chloroform	5.14	83	9865	0.196	ug/L 93
35) Methylcyclohexane	6.73	83	34998	0.761	ug/L # 16
37) 1,2-Dichloropropane	6.73	63	16354	0.530	ug/L # 88
47) Tetrachloroethene	8.58	164	20702	1.043	ug/L 98
48) 2-Hexanone	8.72	43	29438	1.881	ug/L 90
49) Dibromochloromethane	8.57	129	20597	0.927	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	22559	1.090	ug/L 92

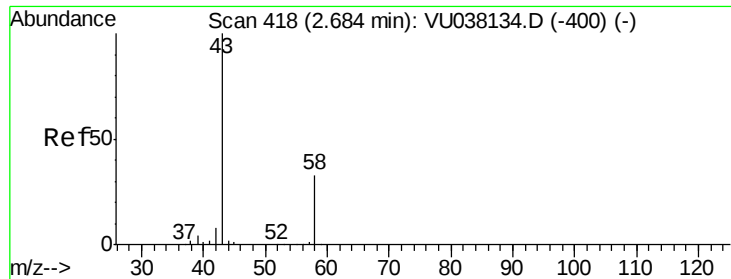
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051320\
Data File : VU038141.D
Acq On : 13 May 2020 14:21
Operator : JC/MD
Sample : L2634-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 14 01:14:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 01:11:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.259 ug/L

RT: 2.77 min Scan# 446

Delta R.T. 0.09 min

Lab File: VU038141.D

Acq: 13 May 2020 14:21

Instrument :

MSVOA_U

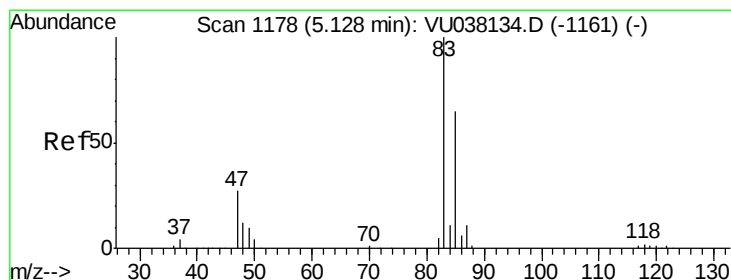
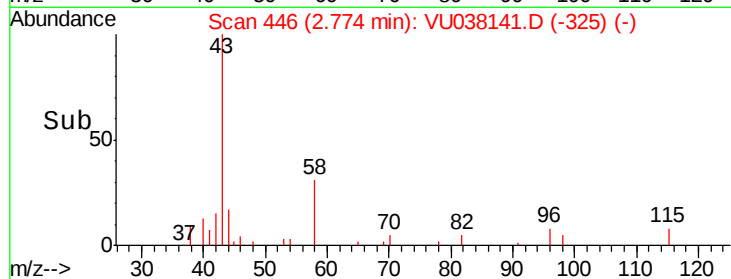
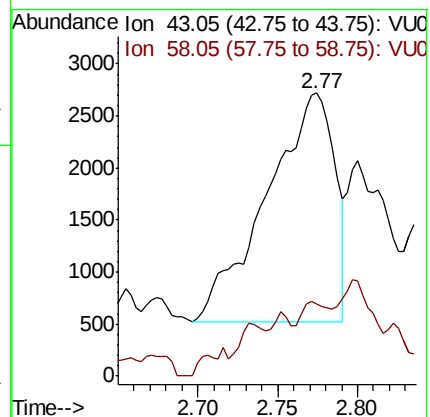
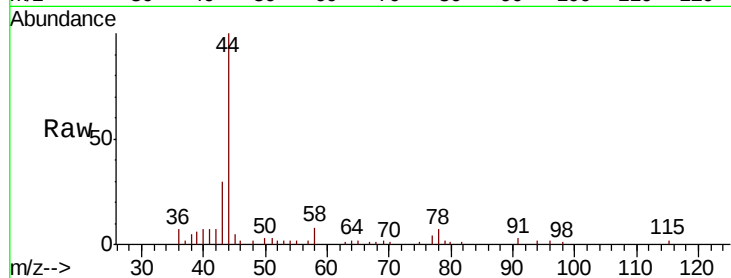
ClientSampled :

Tot Ion: 43 Resp: 6503

Ion Ratio Lower Upper

43 100

58 7.1 0.0 63.6



#25

Chloroform

Concen: 0.196 ug/L

RT: 5.14 min Scan# 1183

Delta R.T. 0.02 min

Lab File: VU038141.D

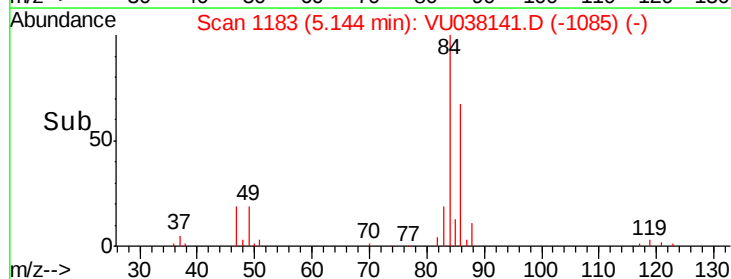
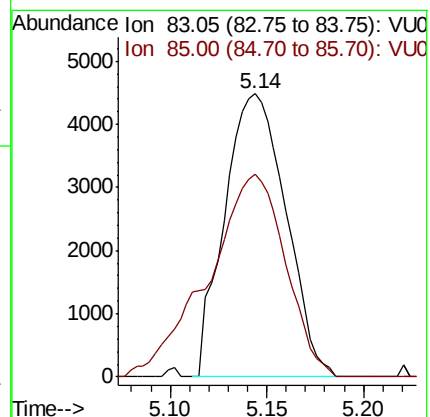
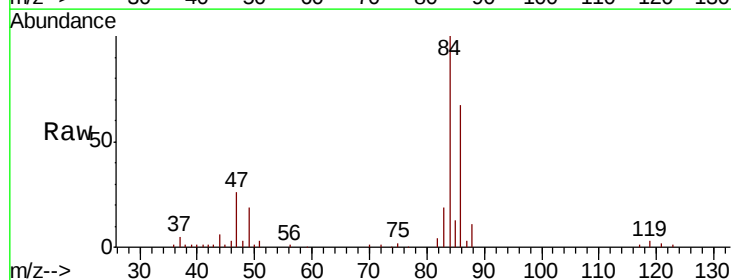
Acq: 13 May 2020 14:21

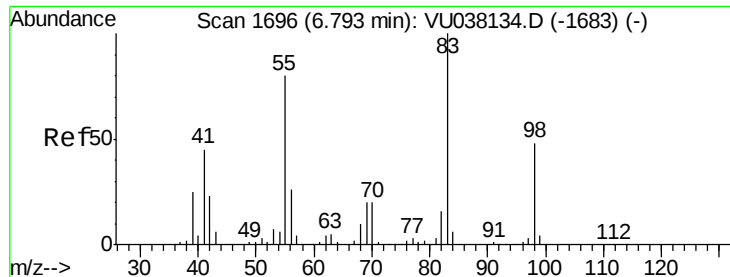
Tgt Ion: 83 Resp: 9865

Ion Ratio Lower Upper

83 100

85 71.6 46.2 85.8

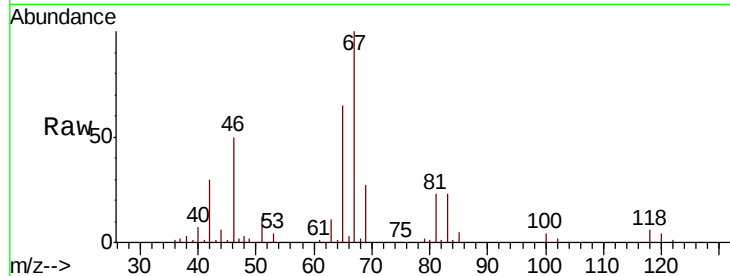




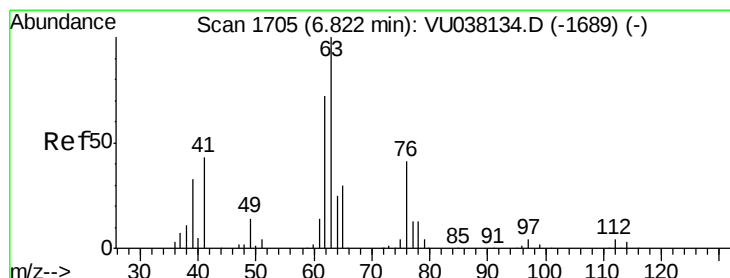
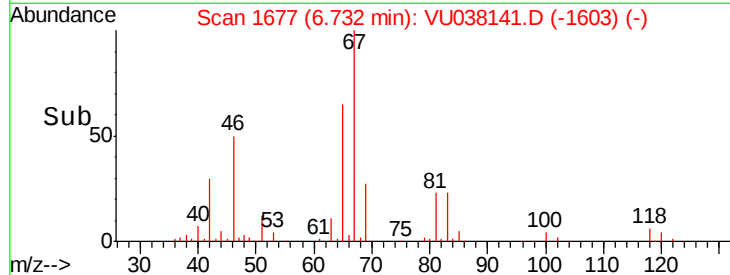
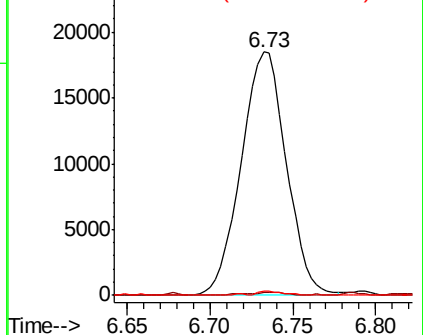
#35
Methvlcvclohexane
Concen: 0.761 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU038141.D
Acq: 13 May 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34998
Ion Ratio Lower Upper
83 100
55 0.8 66.7 100.1#
98 0.9 39.4 59.2#

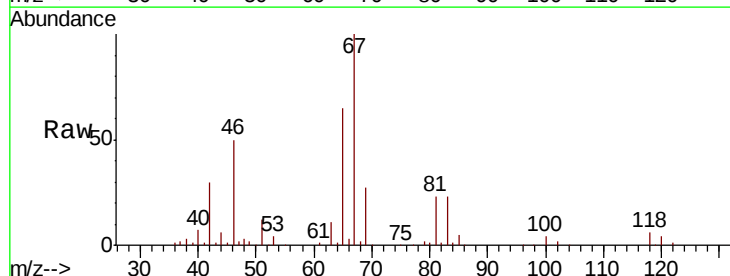


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

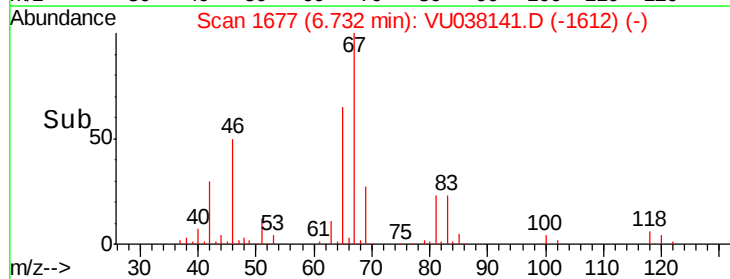
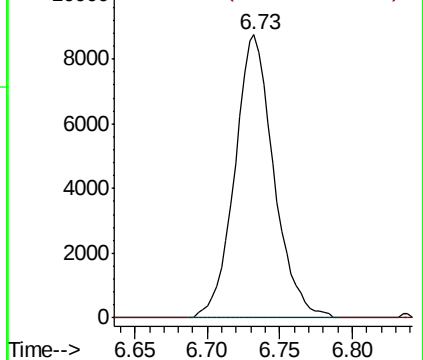


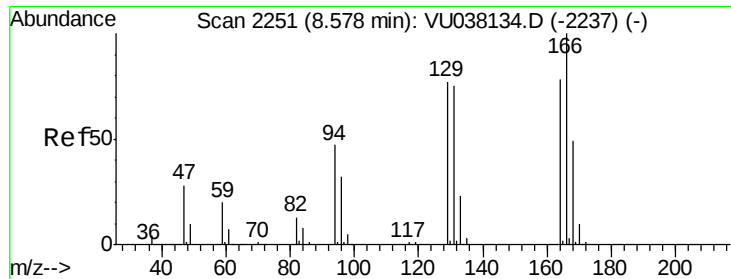
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.09 min
Lab File: VU038141.D
Acq: 13 May 2020 14:21

Tgt Ion: 63 Resp: 16354
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

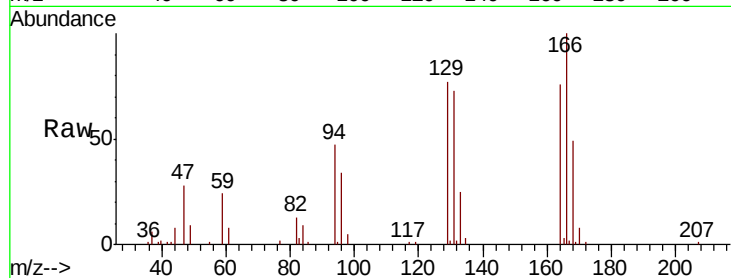




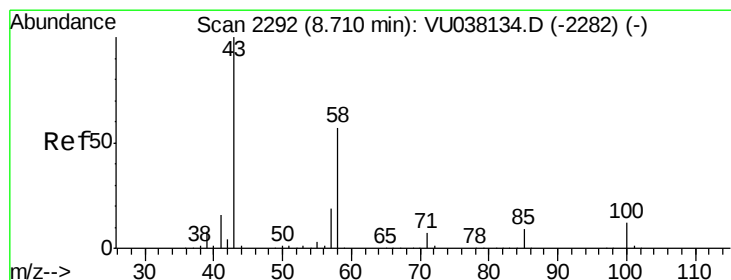
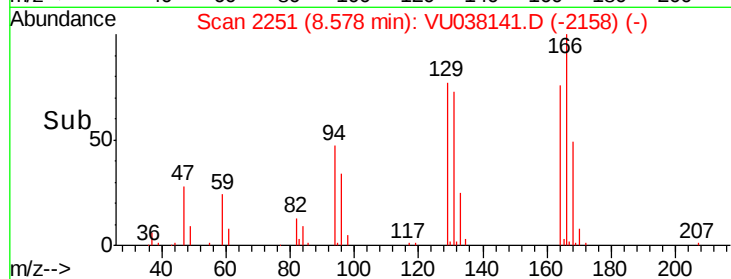
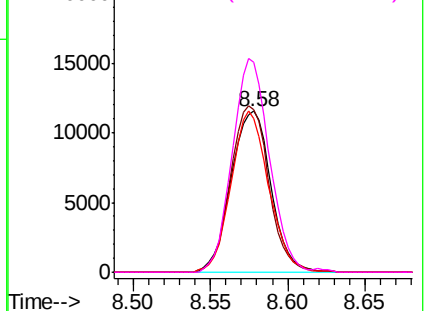
#47
Tetrachloroethene
Concen: 1.043 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU038141.D
Acq: 13 May 2020 14:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164	Resp:	20702
Ion	Ratio	Lower Upper
164	100	
129	101.3	68.8 127.8
131	95.7	66.8 124.2
166	130.9	88.9 165.1

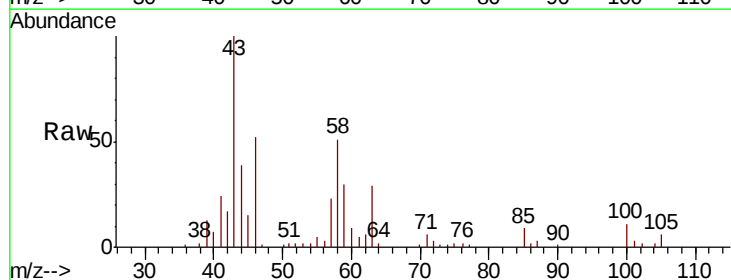


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

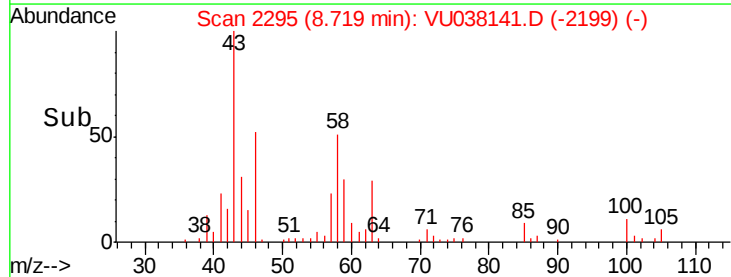
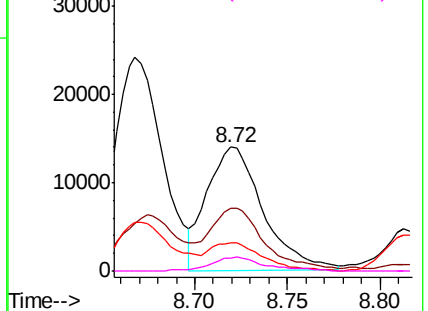


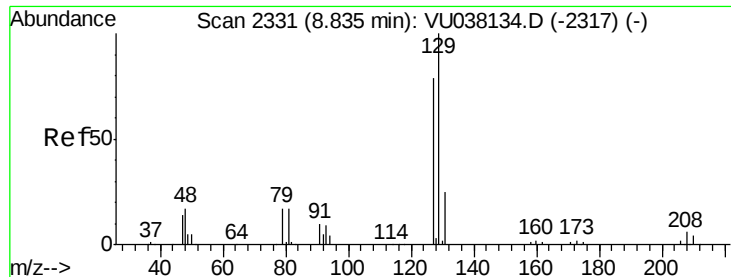
#48
2-Hexanone
Concen: 1.881 ug/L
RT: 8.72 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VU038141.D
Acq: 13 May 2020 14:21

Tgt Ion: 43	Resp:	29438
Ion	Ratio	Lower Upper
43	100	
58	46.3	45.2 67.8
57	21.6	15.5 23.3
100	11.0	9.5 14.3



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: 0.927 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038141.D

Acq: 13 May 2020 14:21

Instrument :

MSVOA_U

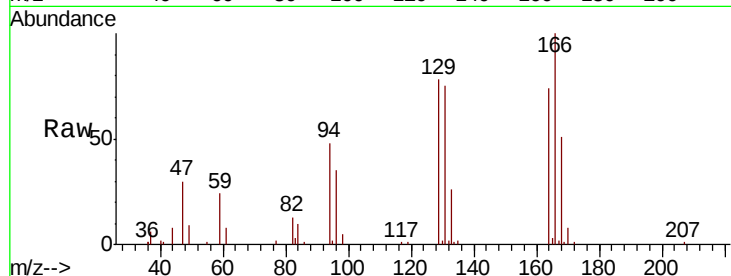
ClientSampleId :

Tot Ion:129 Resp: 20597

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

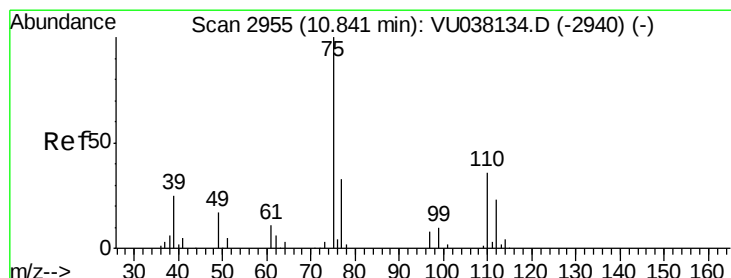
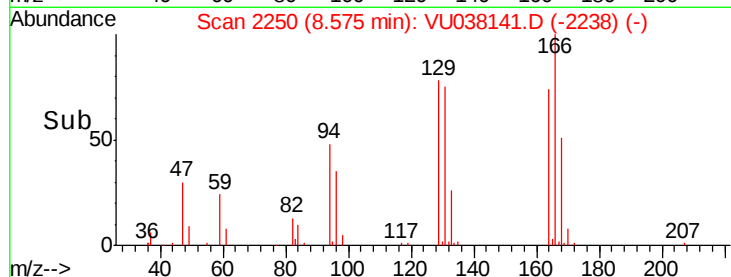
8.57

10000

5000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 1.090 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038141.D

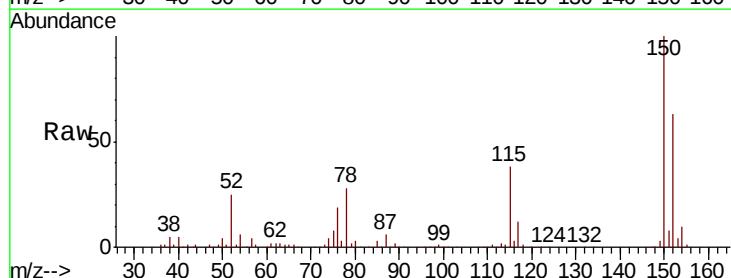
Acq: 13 May 2020 14:21

Tgt Ion: 75 Resp: 22559

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

15000

10000

5000

0

Time--> 11.75 11.80 11.85

