

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042020\
 Data File : VU037811.D
 Acq On : 20 Apr 2020 14:09
 Operator : JC/MD
 Sample : L2319-10RE
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 01:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 01:10:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70928	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.93	69	67603	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.59	63	97118	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.66	46	306615	55.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	5.10	84	149010	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.74	65	89057	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	304842	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.72	67	105242	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	270383	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.20	79	43286	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.65	63	260739	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85454	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	101035	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

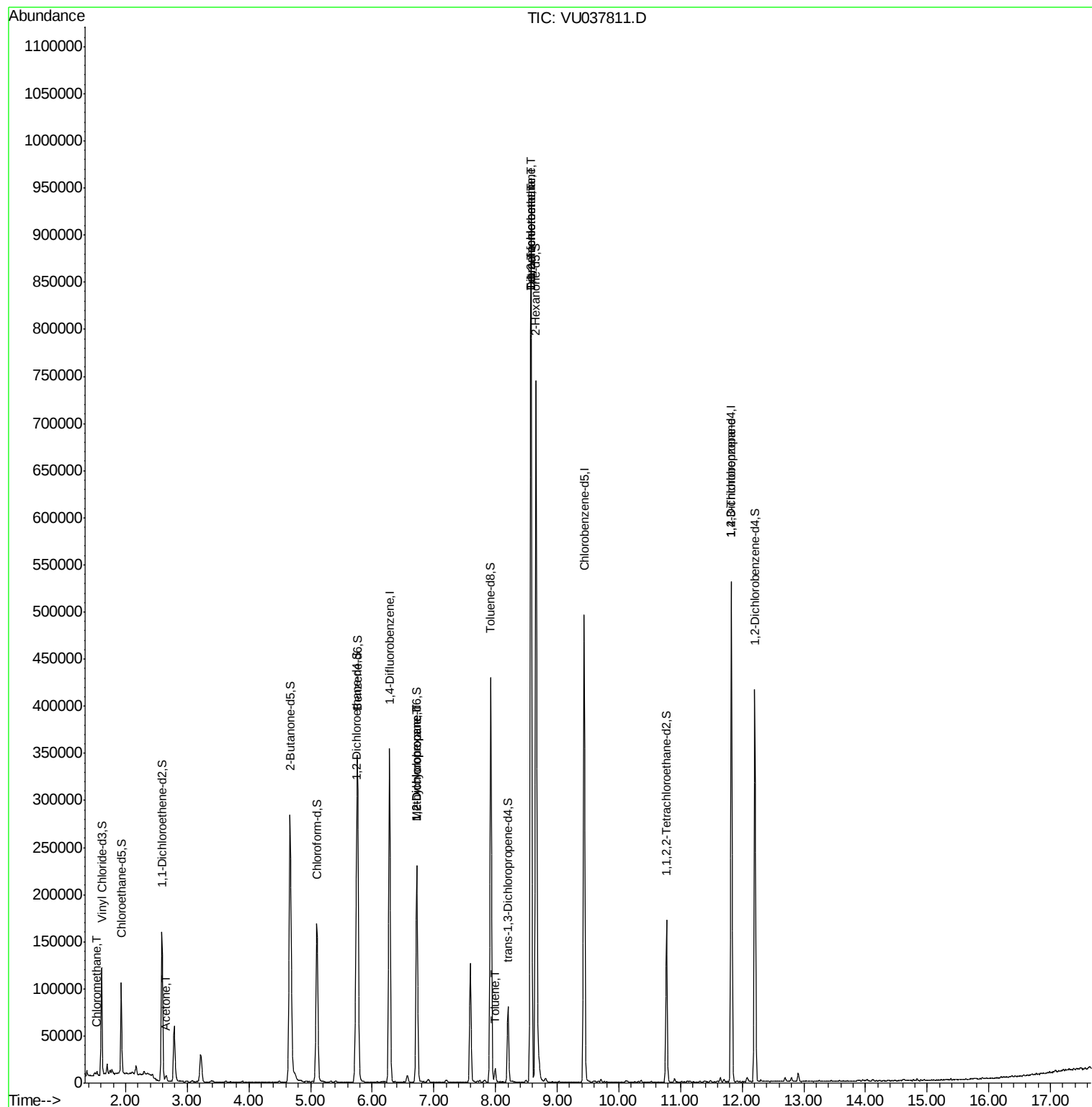
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	3003	0.105	ug/L	99
13) Acetone	2.65	43	6982	1.909	ug/L	95
35) Methylcyclohexane	6.72	83	23448	0.645	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	11322	0.506	ug/L #	87
42) Toluene	8.00	91	9746	0.110	ug/L	94
45) 1,1,2-Trichloroethane	8.57	97	1953	0.129	ug/L #	5
47) Tetrachloroethene	8.57	164	199345	13.371	ug/L	98
49) Dibromochloromethane	8.57	129	189347	10.981	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	16852	1.150	ug/L #	88

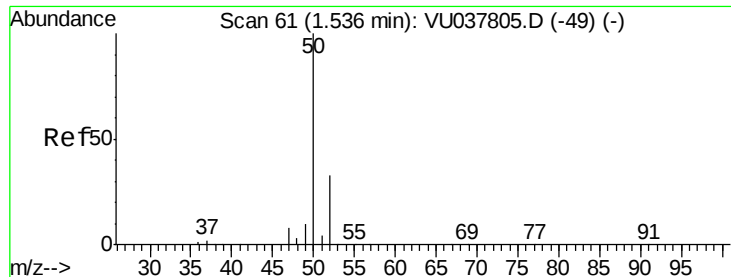
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037811.D

Acq: 20 Apr 2020 14:09

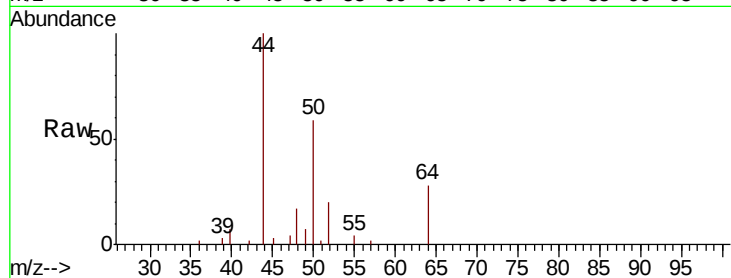
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 3003

Ion Ratio Lower Upper

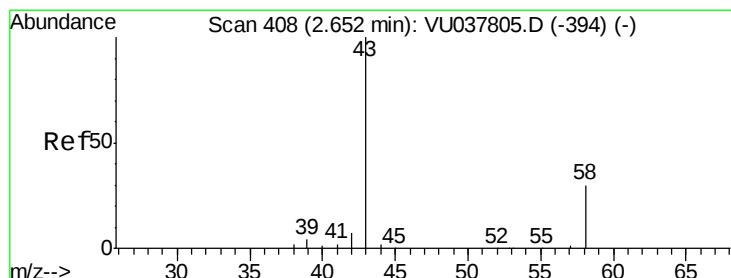
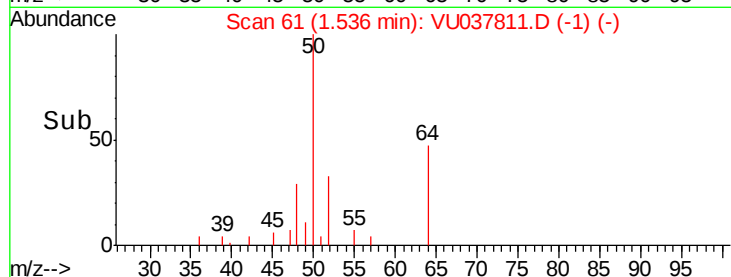
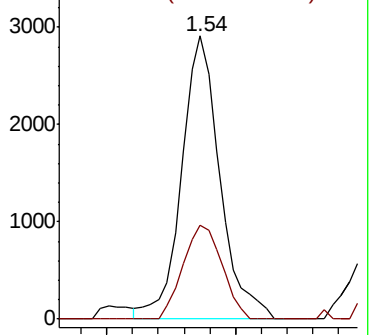
50 100

52 33.4 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU037805.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU037811.D (-315) (-)



#13

Acetone

Concen: 1.909 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037811.D

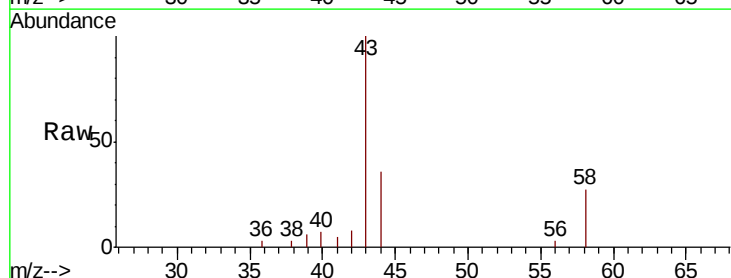
Acq: 20 Apr 2020 14:09

Tgt Ion: 43 Resp: 6982

Ion Ratio Lower Upper

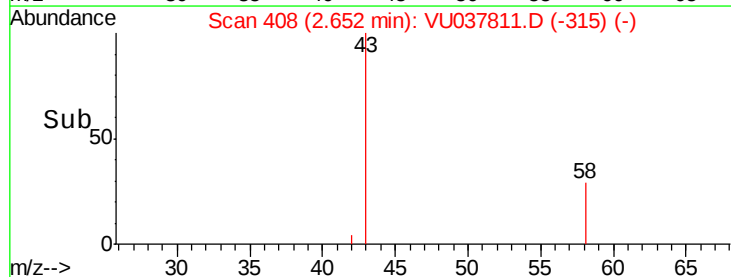
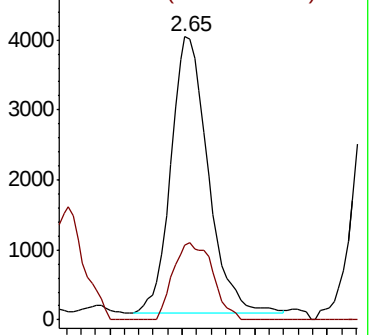
43 100

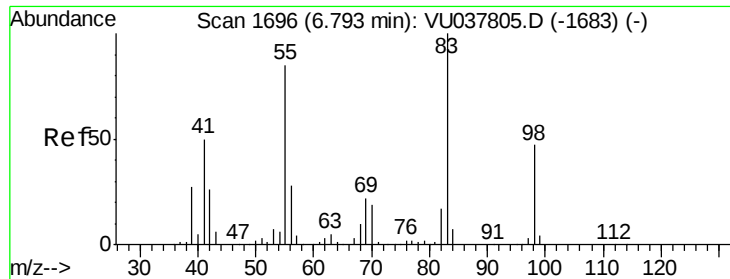
58 29.8 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037805.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU037811.D (-315) (-)

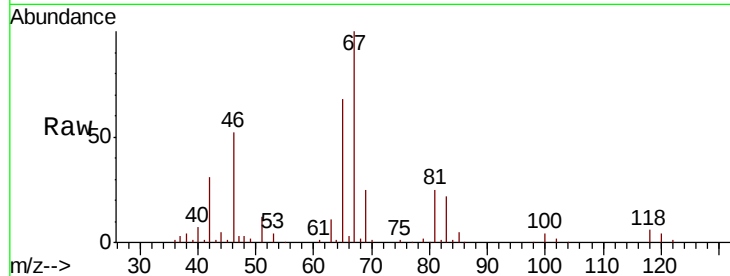




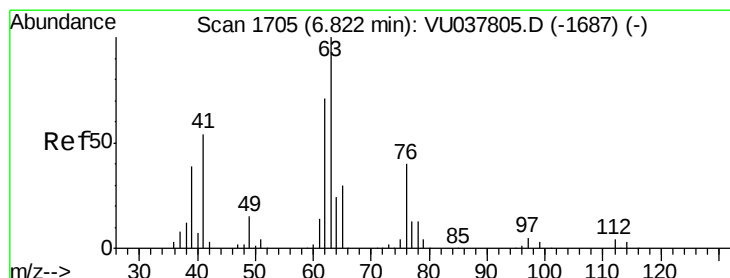
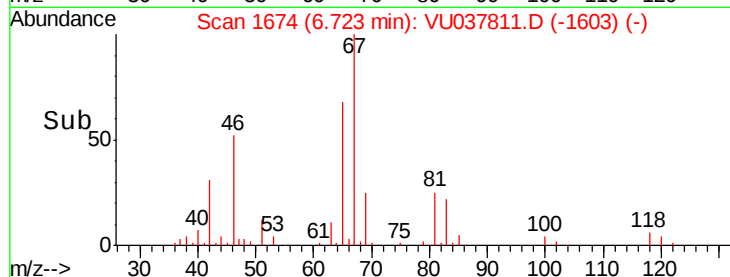
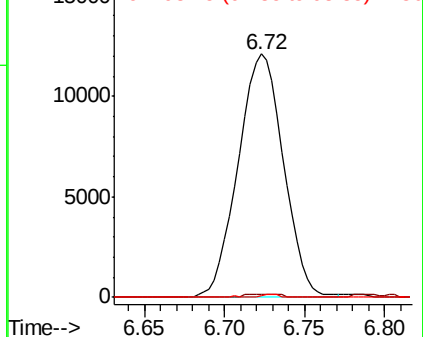
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037811.D
Acq: 20 Apr 2020 14:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 23448
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 0.1 38.2 57.4#

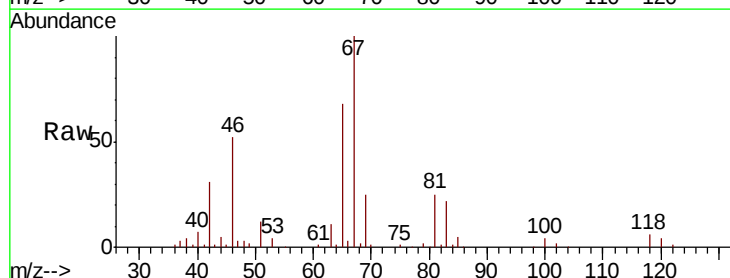


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

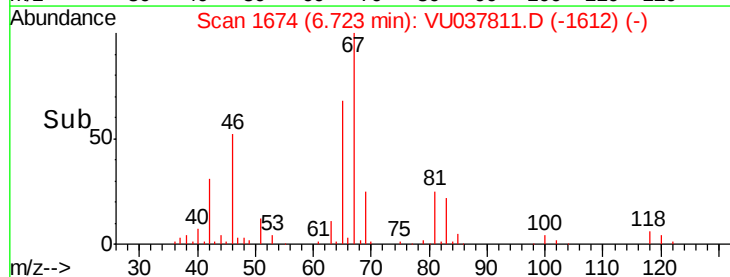
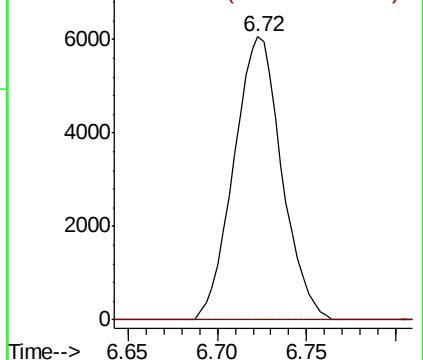


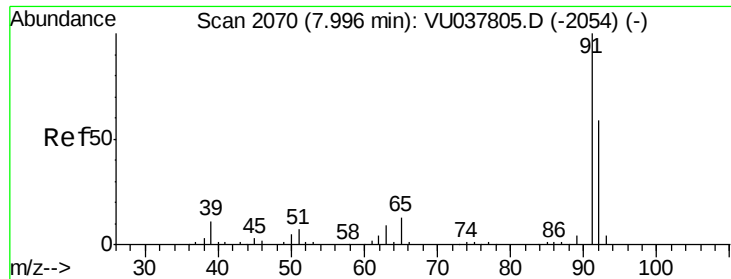
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037811.D
Acq: 20 Apr 2020 14:09

Tgt Ion: 63 Resp: 11322
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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





#42

Toluene

Concen: 0.110 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037811.D

Acq: 20 Apr 2020 14:09

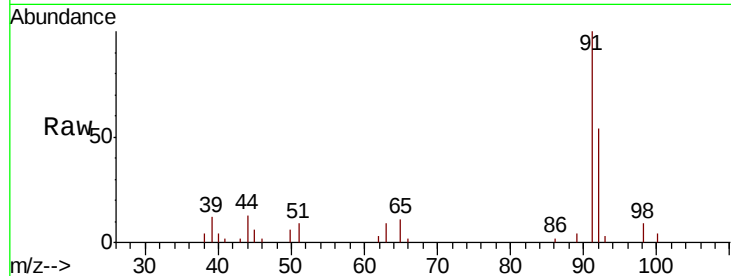
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 9746

Ion Ratio Lower Upper

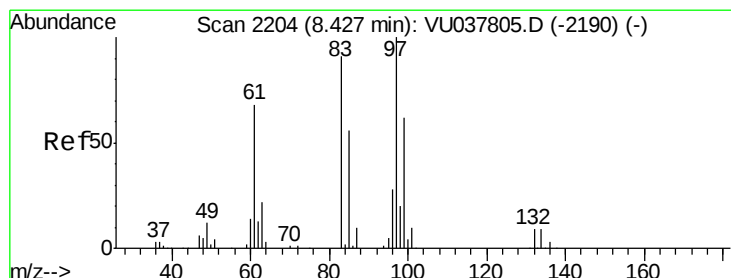
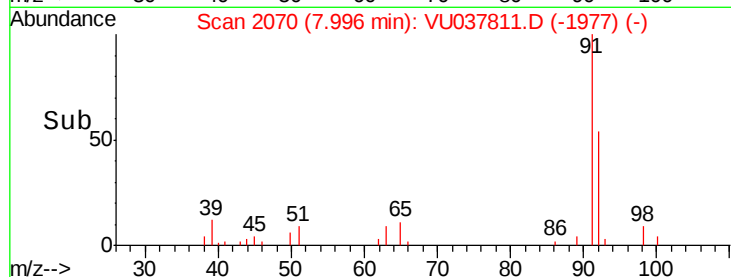
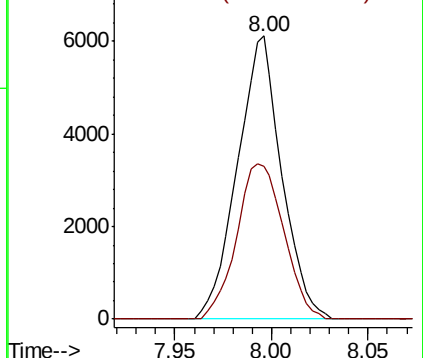
91 100

92 54.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU037805.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU037805.D (-2054) (-)



#45

1,1,2-Trichloroethane

Concen: 0.129 ug/L

RT: 8.57 min Scan# 2248

Delta R.T. 0.14 min

Lab File: VU037811.D

Acq: 20 Apr 2020 14:09

Tgt Ion: 97 Resp: 1953

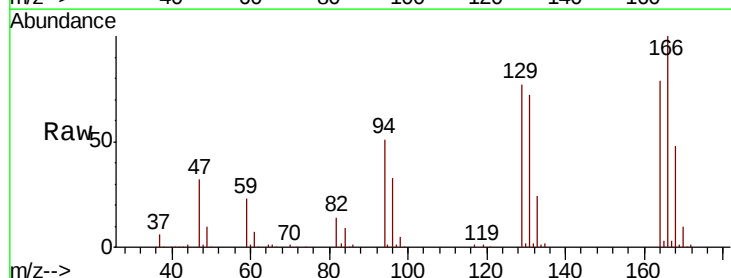
Ion Ratio Lower Upper

97 100

99 14.4 43.1 80.1#

83 241.3 62.4 116.0#

85 39.2 39.6 73.6#

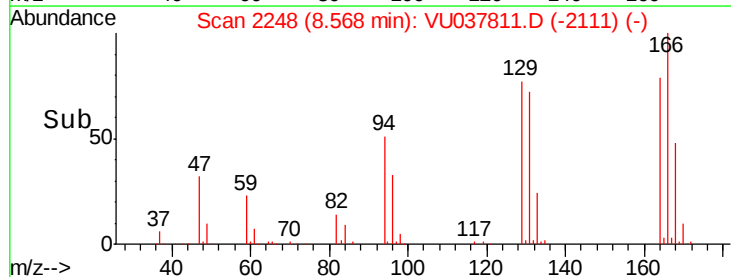
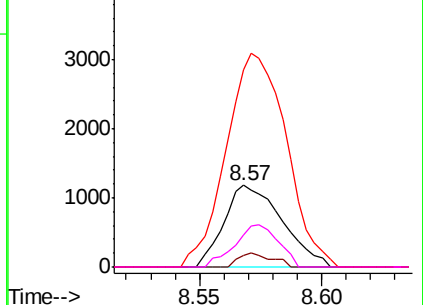


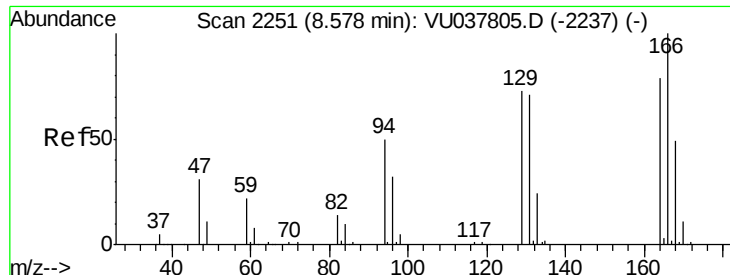
Abundance Ion 96.95 (96.65 to 97.65): VU037805.D (-2190) (-)

Ion 99.05 (98.75 to 99.75): VU037805.D (-2190) (-)

Ion 82.95 (82.65 to 83.65): VU037805.D (-2190) (-)

Ion 85.00 (84.70 to 85.70): VU037805.D (-2190) (-)





#47

Tetrachloroethene

Concen: 13.371 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037811.D

Acq: 20 Apr 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 199345

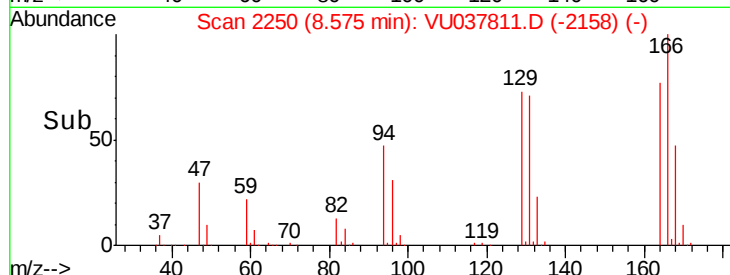
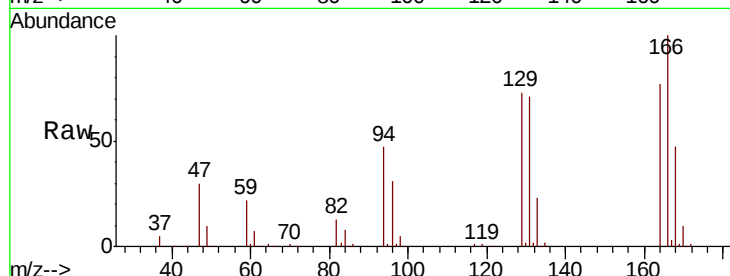
Ion Ratio Lower Upper

164 100

129 95.1 68.1 126.5

131 93.2 65.9 122.5

166 130.6 89.7 166.7

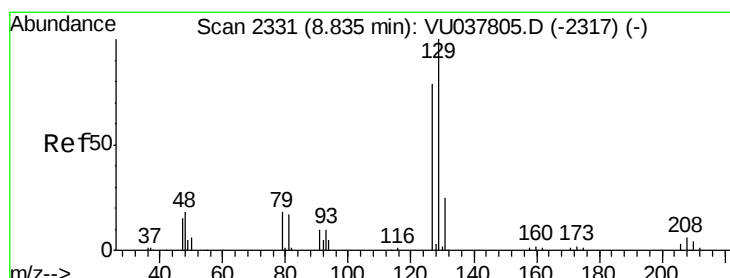
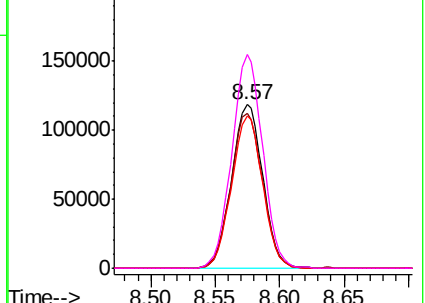


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 10.981 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037811.D

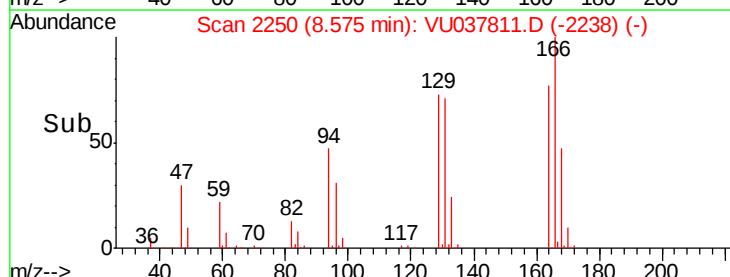
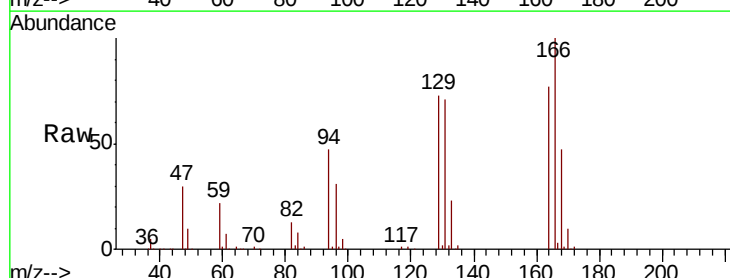
Acq: 20 Apr 2020 14:09

Tgt Ion:129 Resp: 189347

Ion Ratio Lower Upper

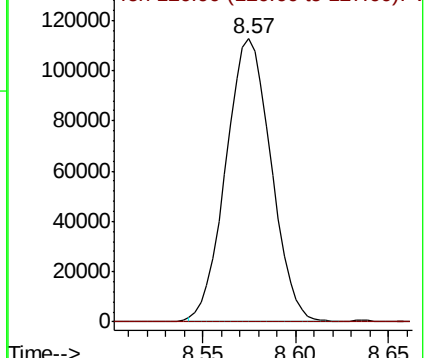
129 100

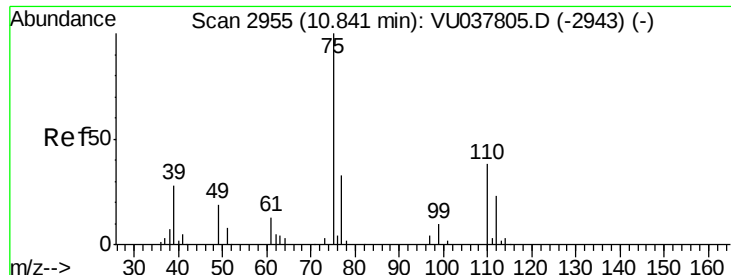
127 0.0 53.3 98.9#



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: 1.150 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037811.D

Acq: 20 Apr 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16852

Ion Ratio Lower Upper

75 100

77 38.7 25.4 38.2#

