

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037755.D
 Acq On : 16 Apr 2020 15:28
 Operator : JC/MD
 Sample : L2292-03
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93710	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	80678	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	120883	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	286808	50.82	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.64%
24) Chloroform-d	5.10	84	160017	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	94992	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	335794	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	116386	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.92	98	306899	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	47678	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.65	63	258140	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87972	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	112695	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

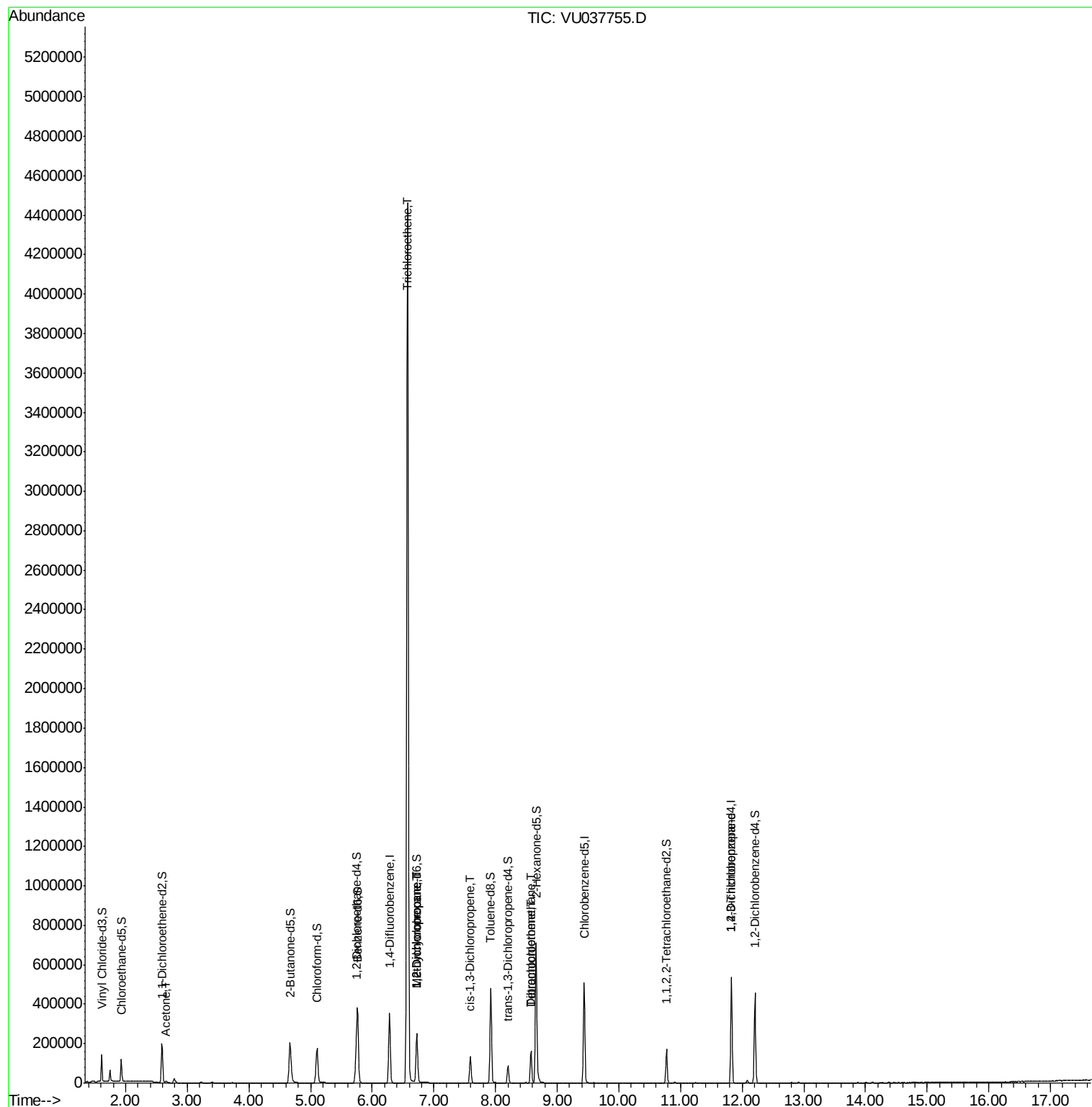
					Ovalue
13) Acetone	2.66	43	10977	2.950	ug/L 96
34) Trichloroethene	6.57	95	1516232	71.117	ug/L 98
35) Methylcyclohexane	6.72	83	25769	0.690	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12784	0.556	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	3502	0.097	ug/L # 53
47) Tetrachloroethene	8.57	164	34949	2.281	ug/L 94
49) Dibromochloromethane	8.57	129	33291	1.879	ug/L # 11
59) 1,2,3-Trichloropropane	11.83	75	17714	1.176	ug/L # 88

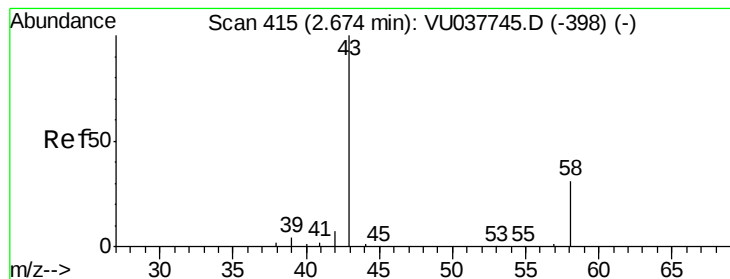
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 01:29:02 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.950 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037755.D

Acq: 16 Apr 2020 15:28

Instrument :

MSVOA_U

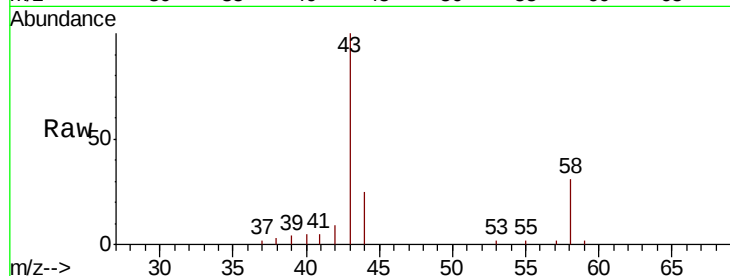
ClientSampleId :

Tot Ion: 43 Resp: 10977

Ion Ratio Lower Upper

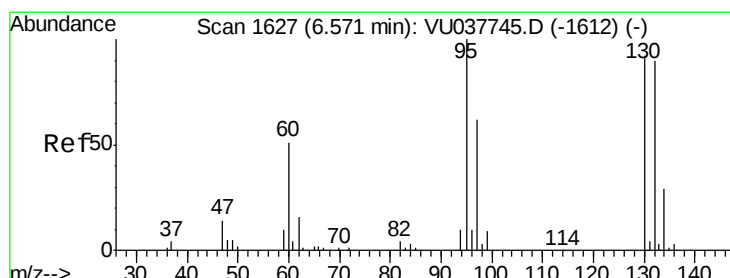
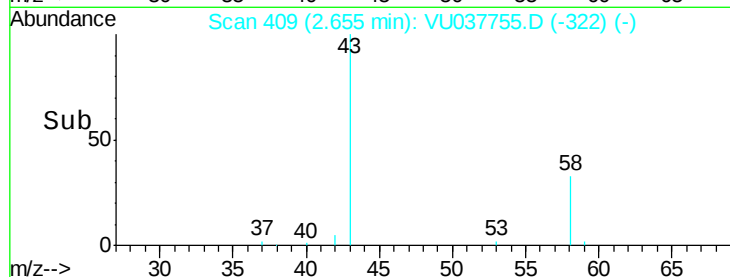
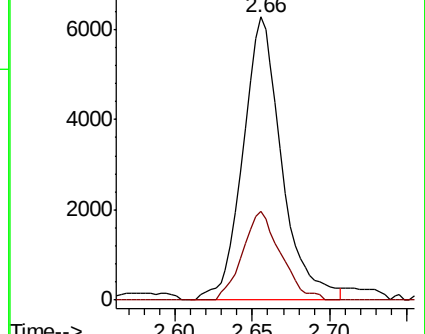
43 100

58 30.4 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037745.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037745.D (-398) (-)



#34

Trichloroethene

Concen: 71.117 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037755.D

Acq: 16 Apr 2020 15:28

Tgt Ion: 95 Resp: 1516232

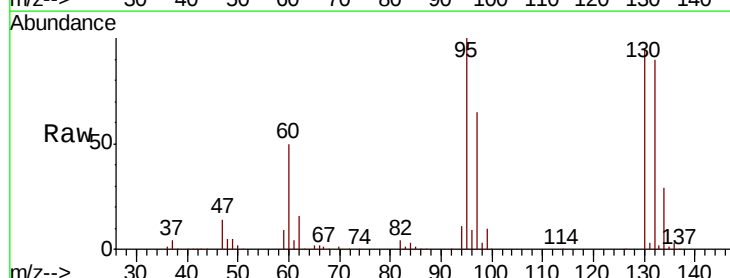
Ion Ratio Lower Upper

95 100

97 64.6 45.4 84.2

132 90.1 63.7 118.3

130 94.8 68.7 127.5

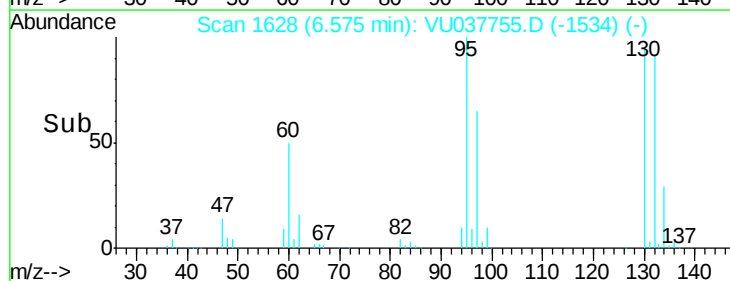
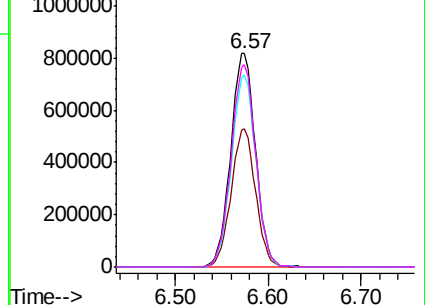


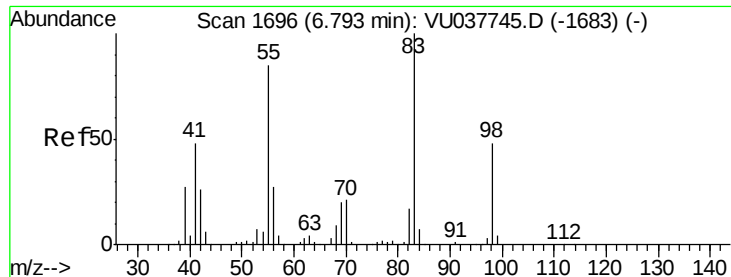
Abundance Ion 95.00 (94.70 to 95.70): VU037745.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU037745.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU037745.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU037745.D (-1612) (-)

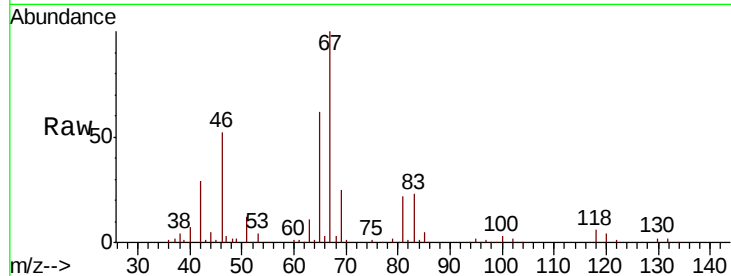




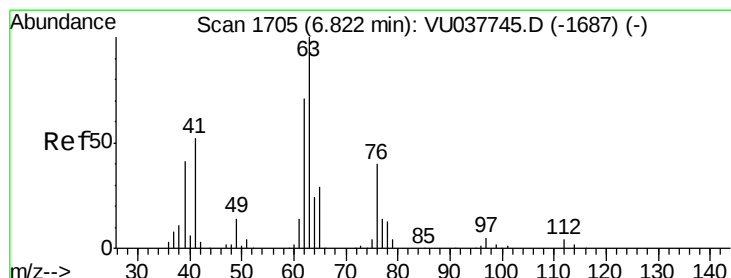
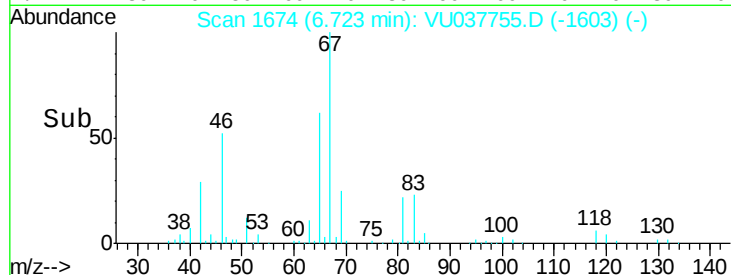
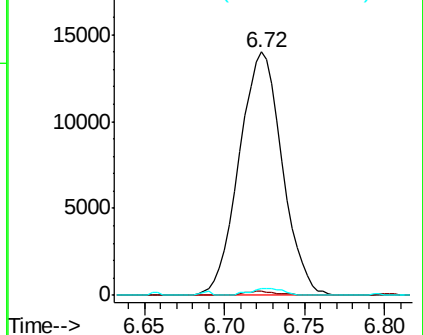
#35
Methvlcvclohexane
Concen: 0.690 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037755.D
Acq: 16 Apr 2020 15:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25769
Ion Ratio Lower Upper
83 100
55 1.4 65.5 98.3#
98 0.0 38.2 57.4#

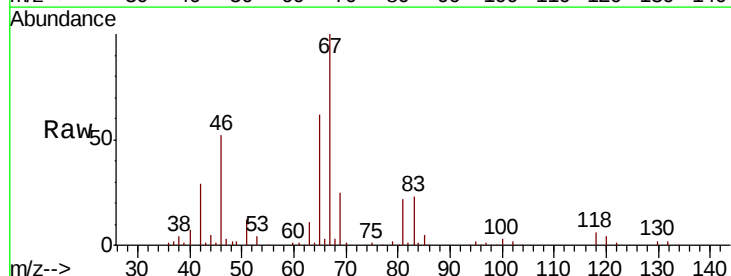


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

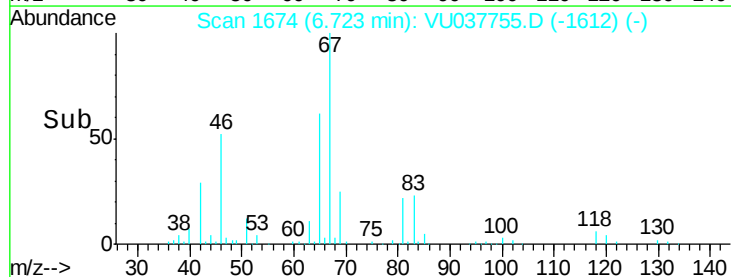
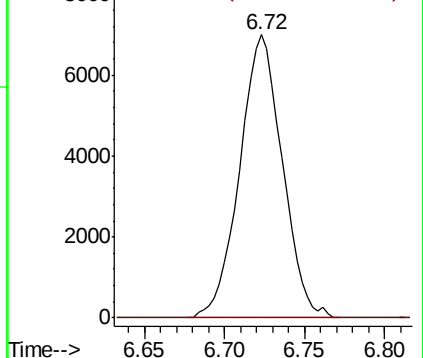


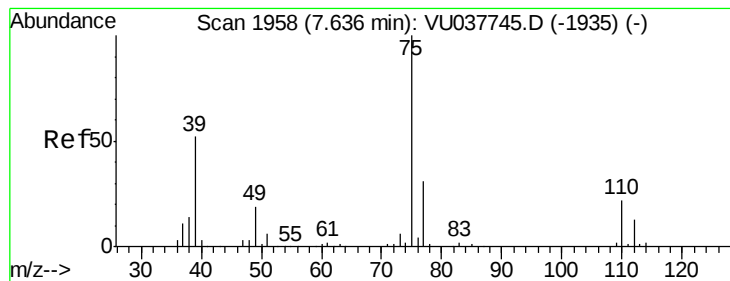
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037755.D
Acq: 16 Apr 2020 15:28

Tgt Ion: 63 Resp: 12784
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



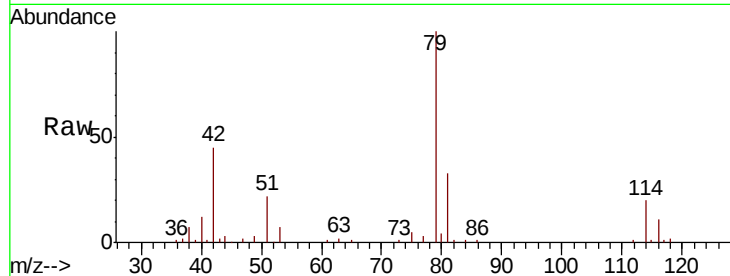


#39

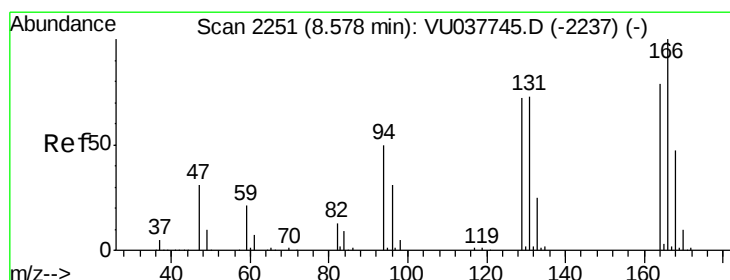
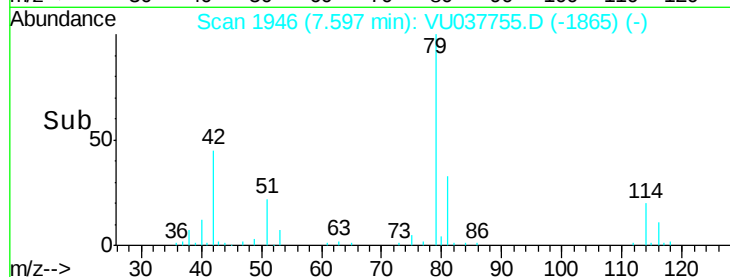
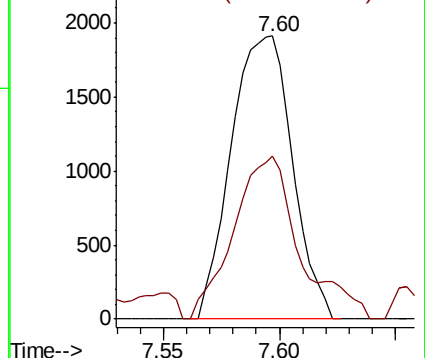
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU037755.D
Acq: 16 Apr 2020 15:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3502
Ion Ratio Lower Upper
75 100
77 57.6 22.2 41.2#



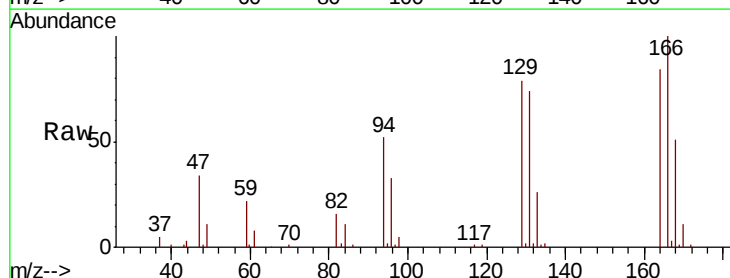
Abundance Ion 75.05 (74.75 to 75.75): VU037745.D (-1935) (-)
Ion 77.05 (76.75 to 77.75): VU037745.D (-1935) (-)



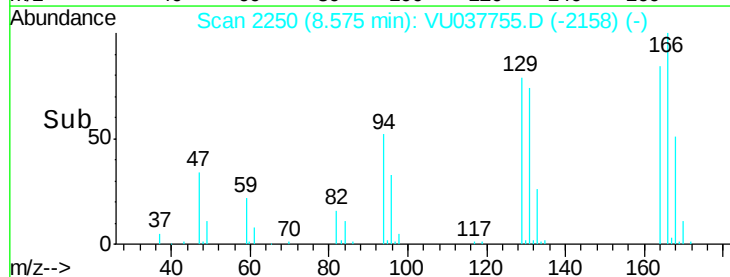
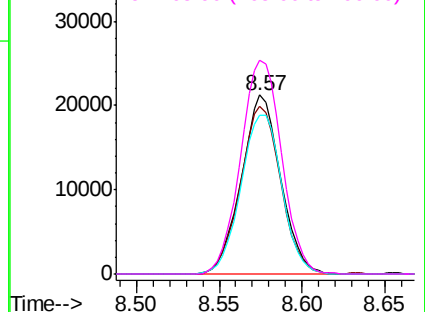
#47

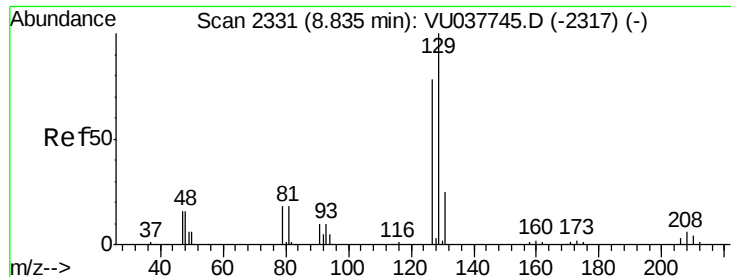
Tetrachloroethene
Concen: 2.281 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037755.D
Acq: 16 Apr 2020 15:28

Tgt Ion:164 Resp: 34949
Ion Ratio Lower Upper
164 100
129 94.0 68.1 126.5
131 88.8 65.9 122.5
166 119.5 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037745.D (-2237) (-)
Ion 128.95 (128.65 to 129.65): VU037745.D (-2237) (-)
Ion 130.95 (130.65 to 131.65): VU037745.D (-2237) (-)
Ion 165.90 (165.60 to 166.60): VU037745.D (-2237) (-)





#49

Dibromochloromethane

Concen: 1.879 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037755.D

Acq: 16 Apr 2020 15:28

Instrument :

MSVOA_U

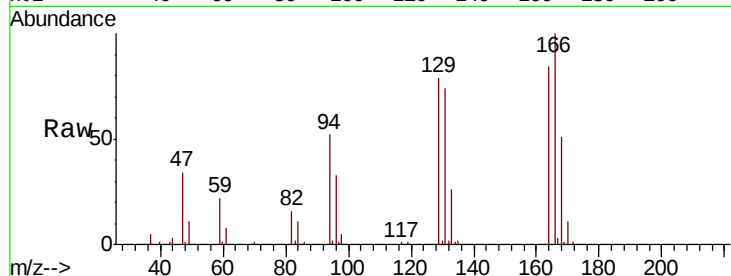
ClientSampled :

Tot Ion:129 Resp: 33291

Ion Ratio Lower Upper

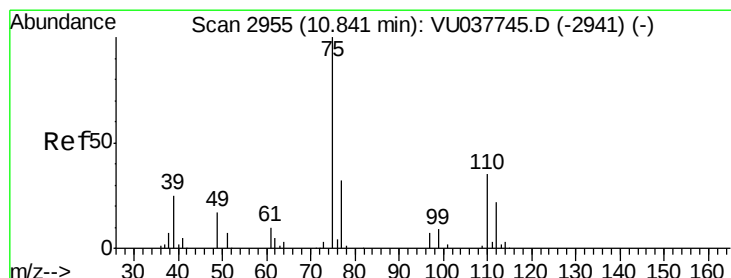
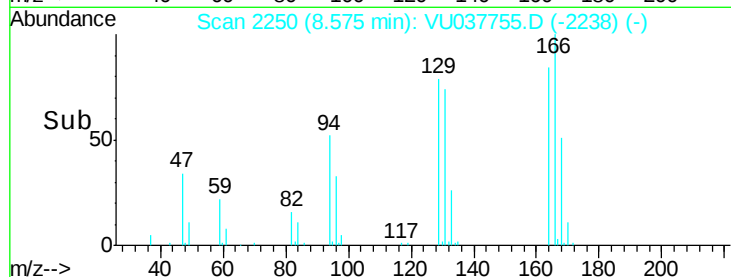
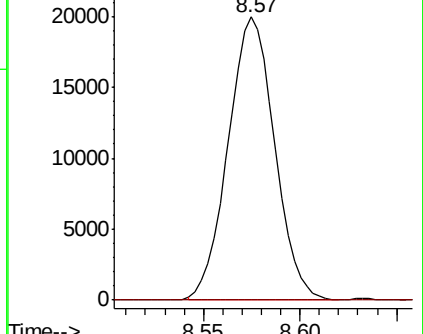
129 100

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: 1.176 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037755.D

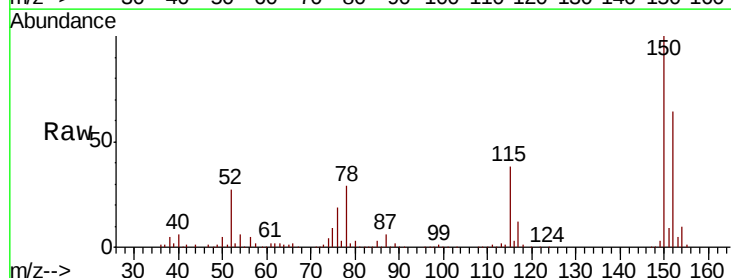
Acq: 16 Apr 2020 15:28

Tgt Ion: 75 Resp: 17714

Ion Ratio Lower Upper

75 100

77 38.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

