

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037735.D
 Acq On : 15 Apr 2020 15:53
 Operator : JC/MD
 Sample : L2275-13DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:28:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	267161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95991	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	80637	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	125489	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.67	46	299329	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	5.10	84	154572	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	94966	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	340809	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	113226	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	304789	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	49271	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.66	63	268992	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88352	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	112913	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

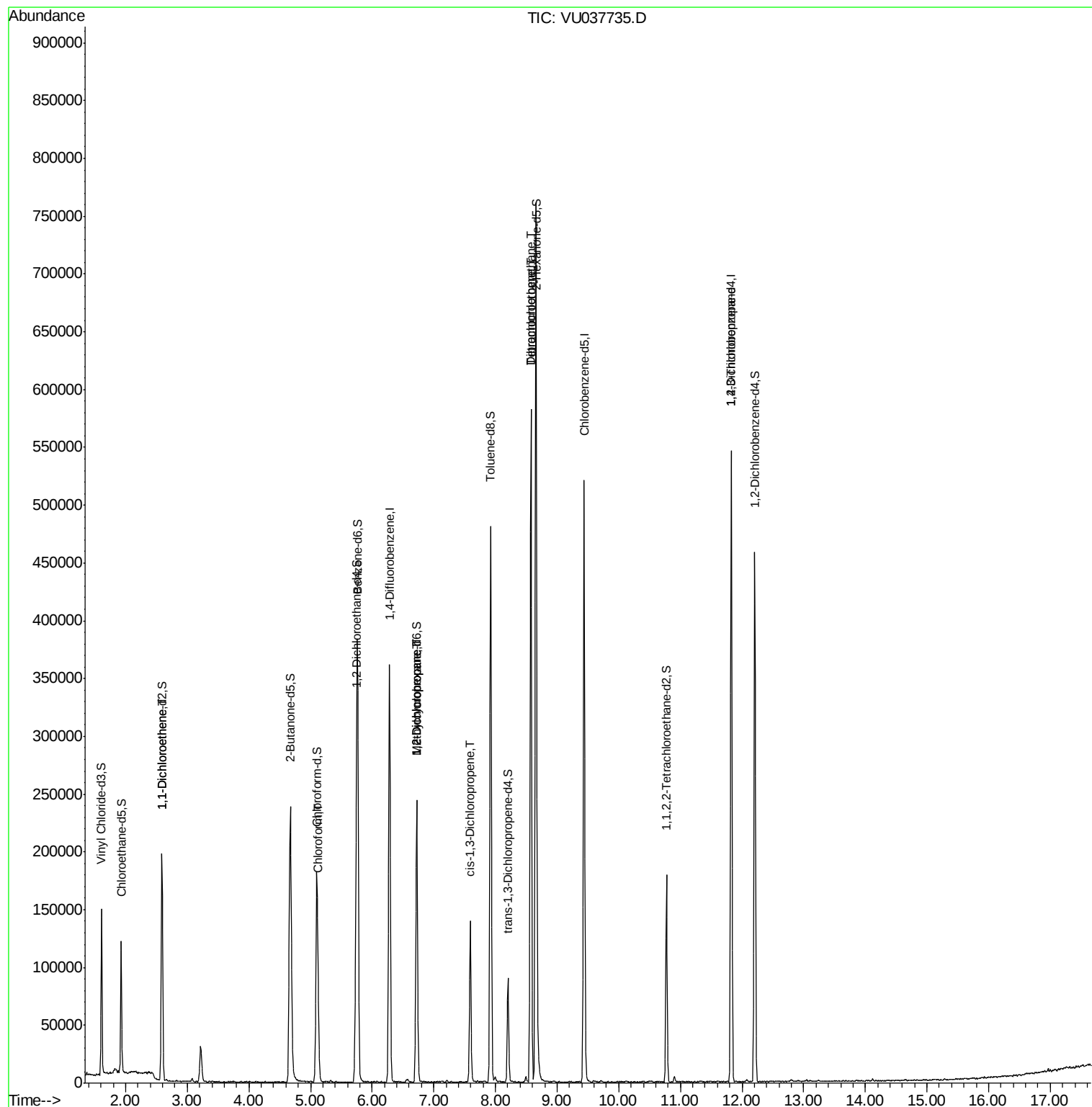
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1187	0.062 ug/L #	1
25) Chloroform	5.12	83	30589	0.797 ug/L	99
35) Methylcyclohexane	6.72	83	26215	0.690 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12076	0.516 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2908	0.079 ug/L #	44
47) Tetrachloroethene	8.57	164	120490	7.730 ug/L	97
49) Dibromochloromethane	8.57	129	117290	6.506 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18281	1.193 ug/L	92

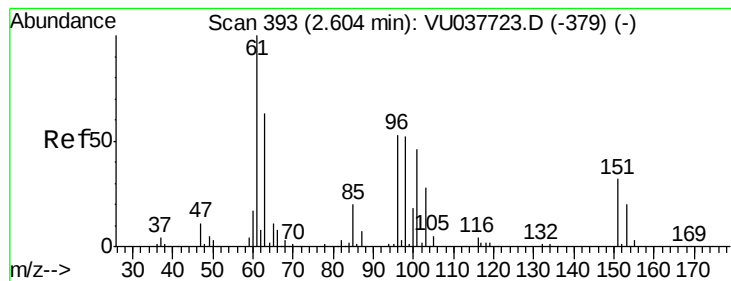
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037735.D

Acq: 15 Apr 2020 15:53

Instrument :

MSVOA_U

ClientSampleId :

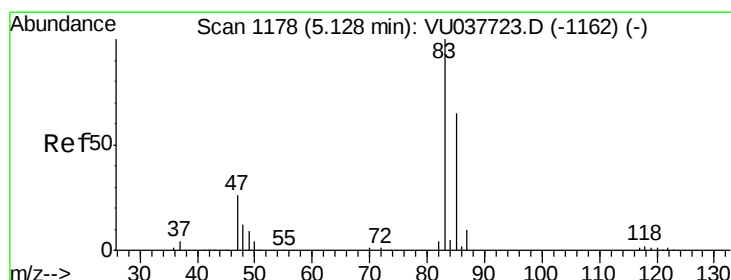
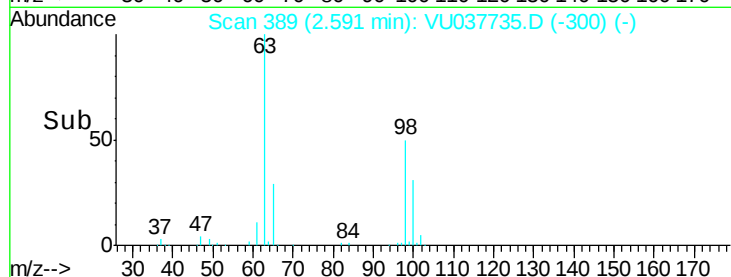
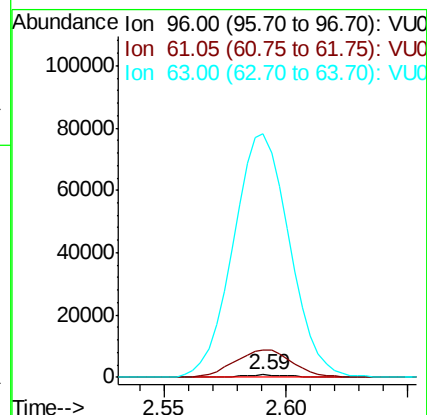
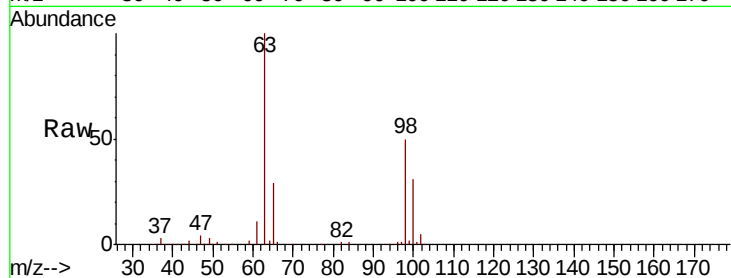
Tot Ion: 96 Resp: 1187

Ion Ratio Lower Upper

96 100

61 1168.5 127.7 237.3#

63 10375.6 85.0 157.8#



#25

Chloroform

Concen: 0.797 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037735.D

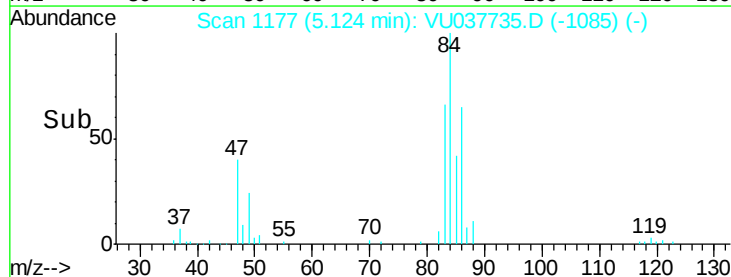
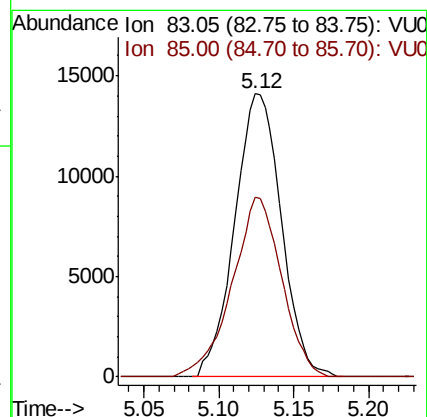
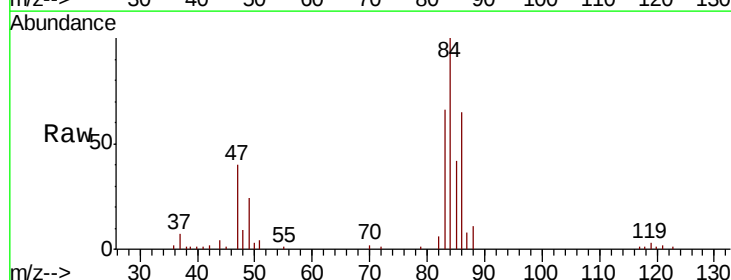
Acq: 15 Apr 2020 15:53

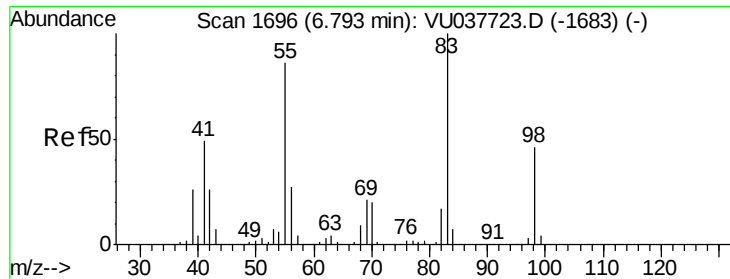
Tgt Ion: 83 Resp: 30589

Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.3





#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037735.D

Acq: 15 Apr 2020 15:53

Instrument :

MSVOA_U

ClientSampleId :

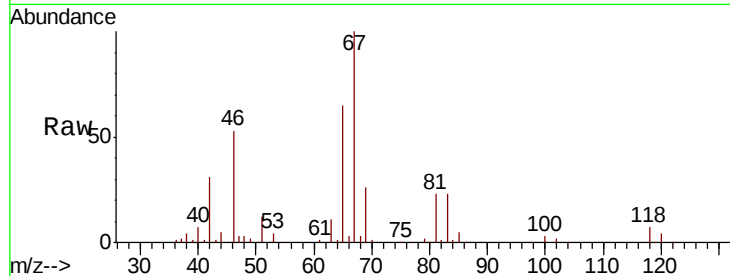
Tot Ion: 83 Resp: 26215

Ion Ratio Lower Upper

83 100

55 0.8 65.5 98.3#

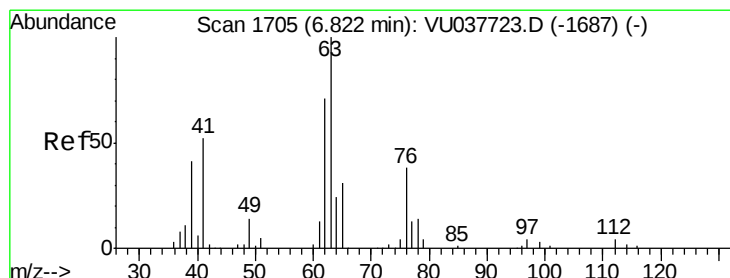
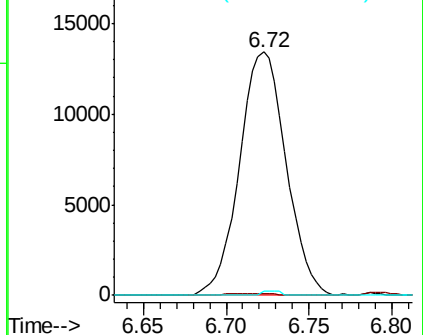
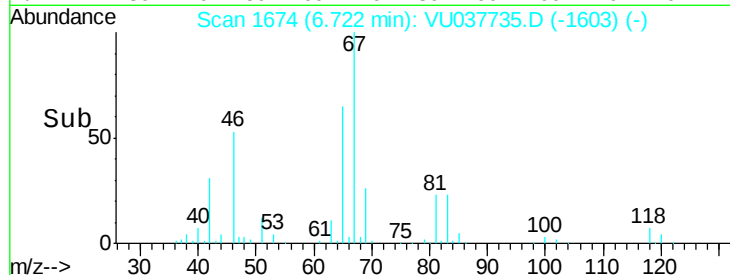
98 0.7 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037735.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037735.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037735.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037735.D

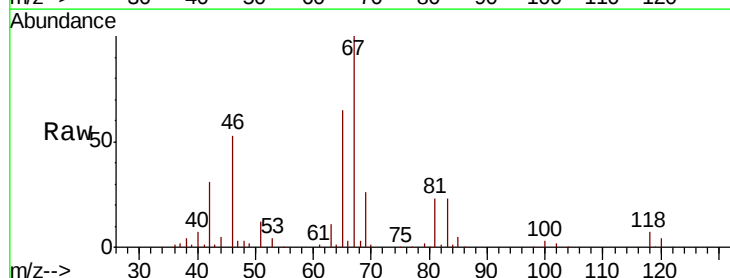
Acq: 15 Apr 2020 15:53

Tgt Ion: 63 Resp: 12076

Ion Ratio Lower Upper

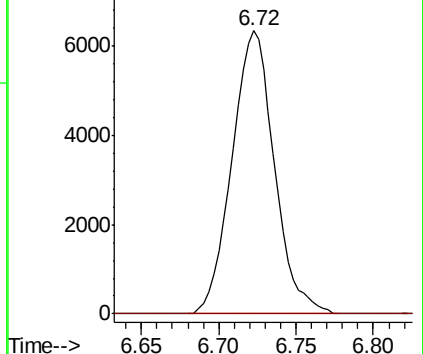
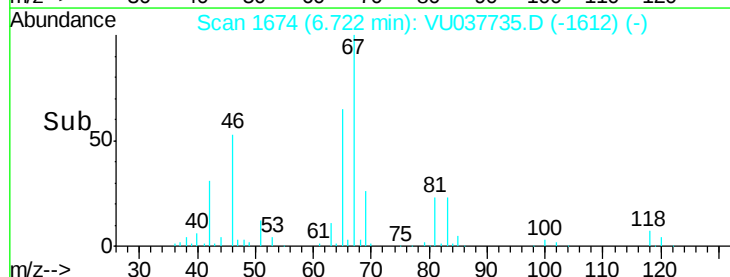
63 100

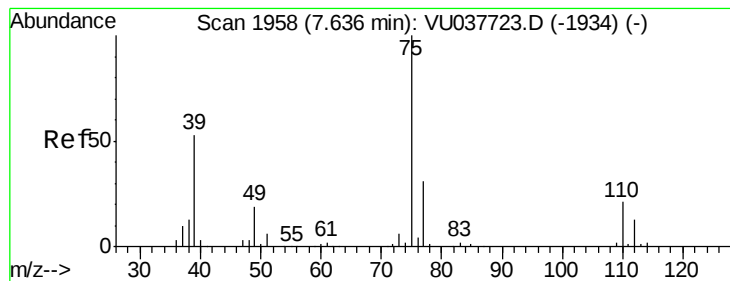
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037735.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU037735.D (-1612) (-)



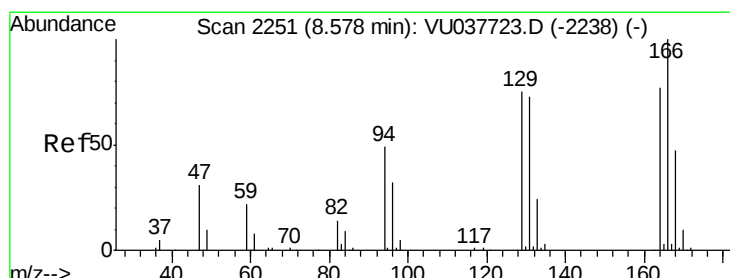
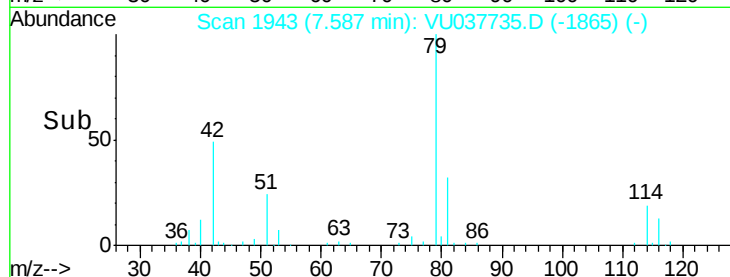
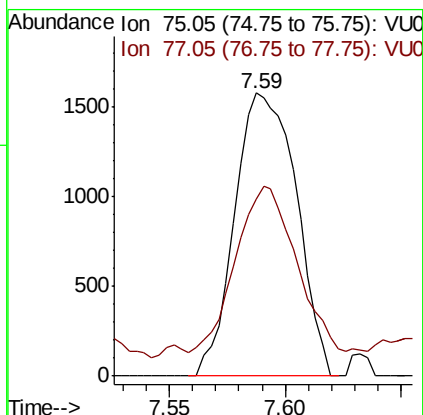
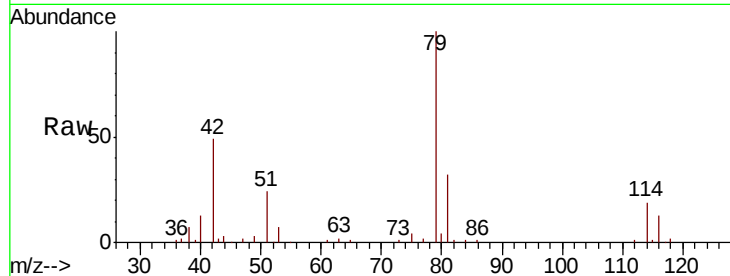


#39

cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037735.D
 Acq: 15 Apr 2020 15:53

Instrument :
 MSVOA_U
 ClientSampleId :

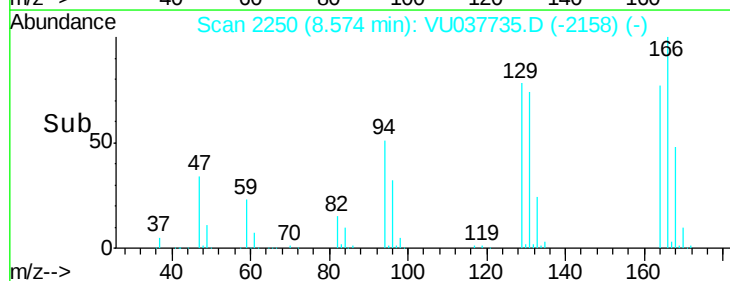
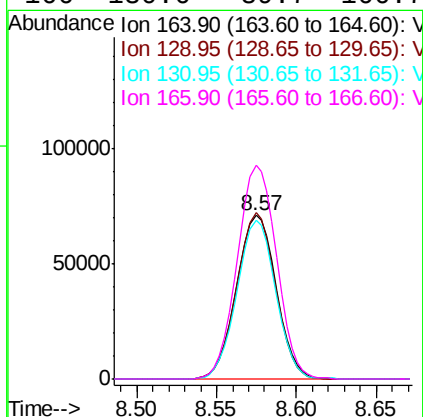
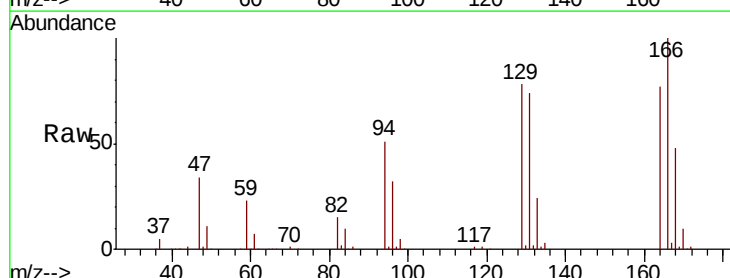
Tot Ion: 75 Resp: 2908
 Ion Ratio Lower Upper
 75 100
 77 62.7 22.2 41.2#

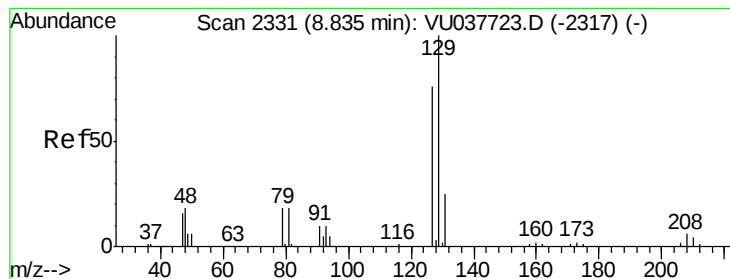


#47

Tetrachloroethene
 Concen: 7.730 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037735.D
 Acq: 15 Apr 2020 15:53

Tgt Ion: 164 Resp: 120490
 Ion Ratio Lower Upper
 164 100
 129 101.6 68.1 126.5
 131 97.2 65.9 122.5
 166 130.6 89.7 166.7





#49

Dibromochloromethane

Concen: 6.506 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037735.D

Acq: 15 Apr 2020 15:53

Instrument :

MSVOA_U

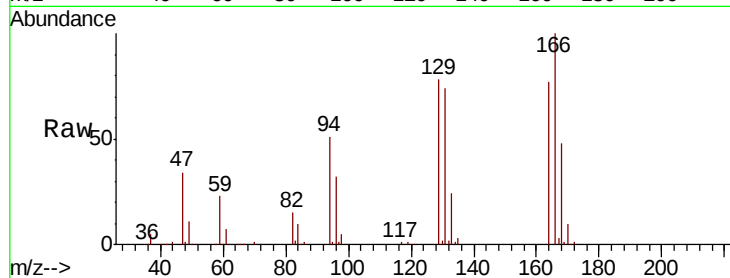
ClientSampleId :

Tot Ion:129 Resp: 117290

Ion Ratio Lower Upper

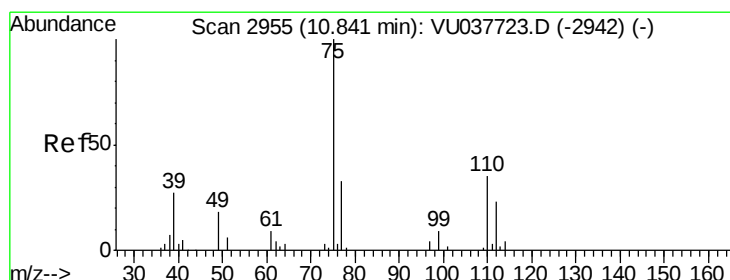
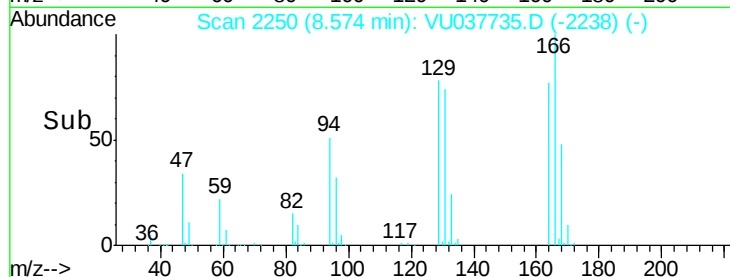
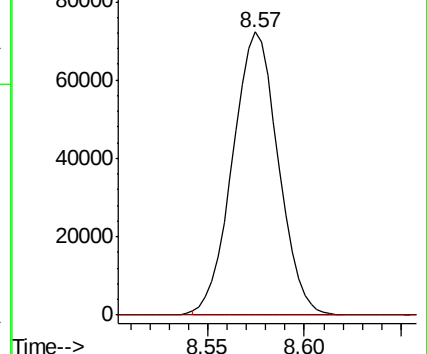
129 100

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: 1.193 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037735.D

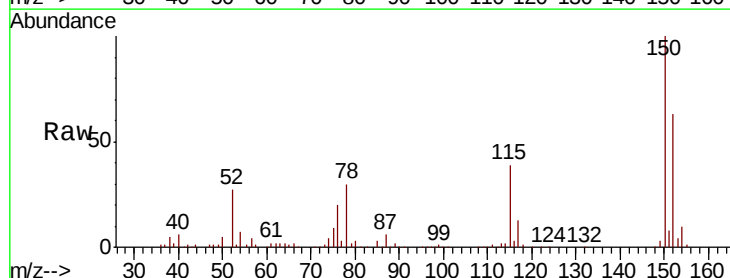
Acq: 15 Apr 2020 15:53

Tgt Ion: 75 Resp: 18281

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

