

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037731.D
 Acq On : 15 Apr 2020 14:15
 Operator : JC/MD
 Sample : L2275-22
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:26:50 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	263109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	253136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	124096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94673	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.93	69	79796	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	123778	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	283982	51.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	5.10	84	145650	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	92627	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	331119	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.72	67	110726	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.92	98	300836	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	48183	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.65	63	253520	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85731	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	106935	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

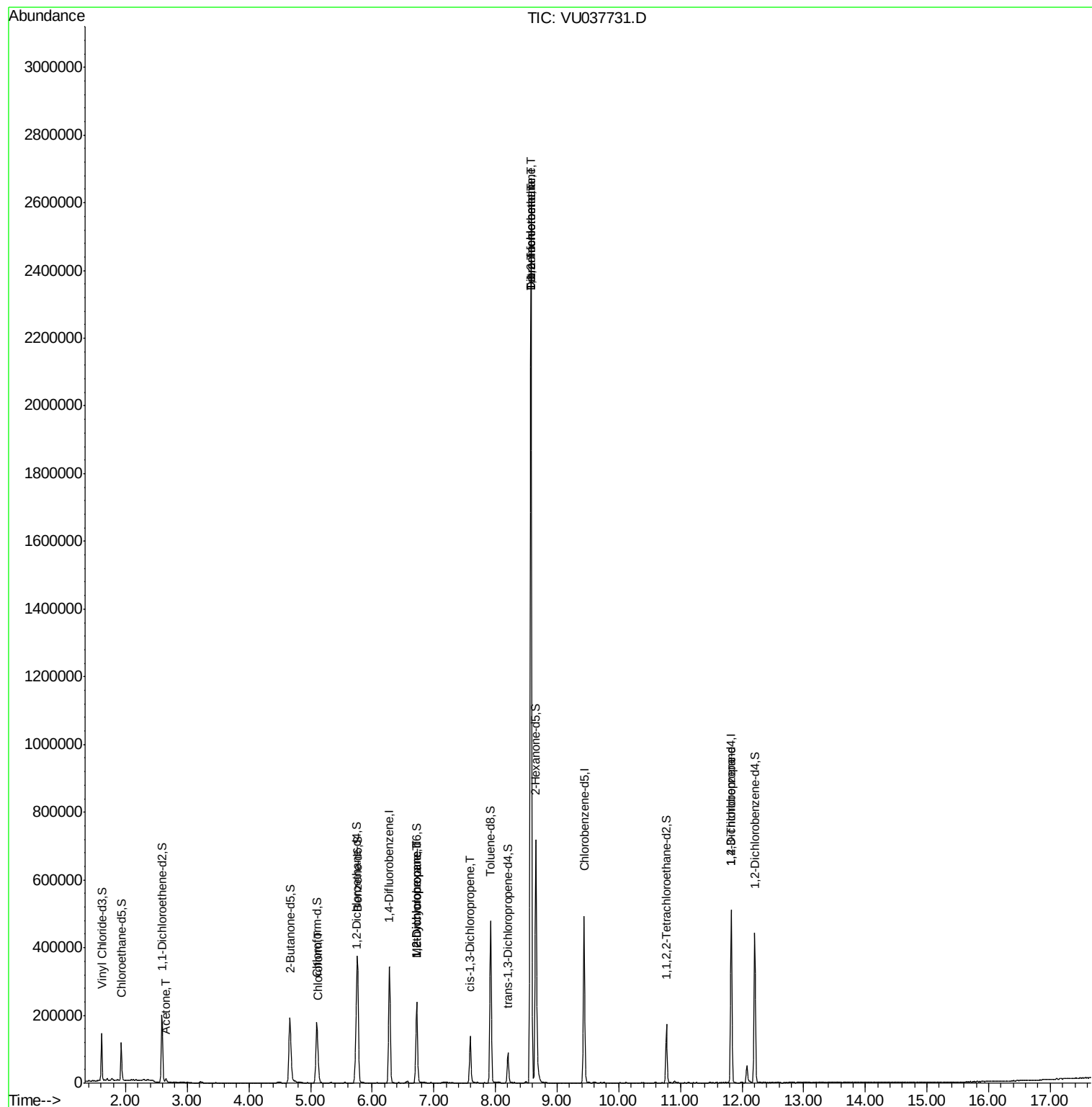
					Ovalue
13) Acetone	2.66	43	13144	3.646	ug/L 95
25) Chloroform	5.13	83	18429	0.510	ug/L 99
35) Methylcyclohexane	6.72	83	24634	0.684	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12368	0.558	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	3132	0.090	ug/L # 54
45) 1,1,2-Trichloroethane	8.57	97	5272	0.353	ug/L # 1
47) Tetrachloroethene	8.57	164	544462	36.863	ug/L 100
49) Dibromochloromethane	8.57	129	518940	30.378	ug/L # 11
59) 1,2,3-Trichloropropane	11.83	75	17571	1.210	ug/L 90

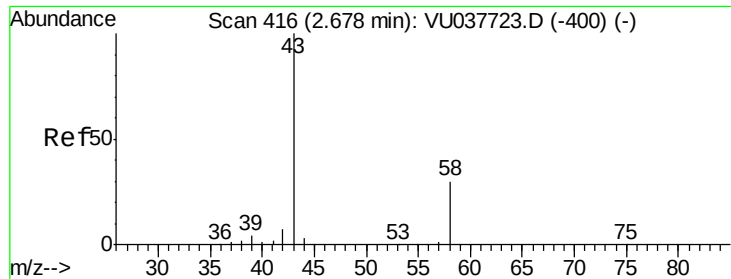
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.646 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037731.D

Acq: 15 Apr 2020 14:15

Instrument :

MSVOA_U

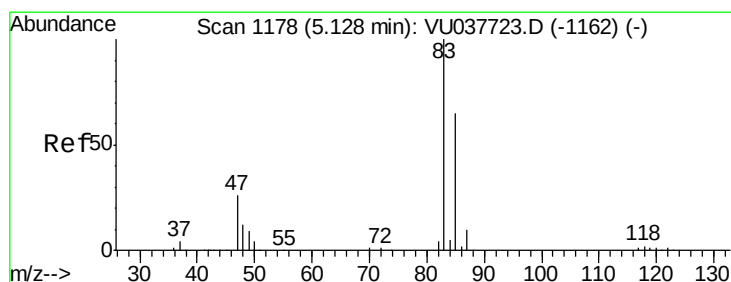
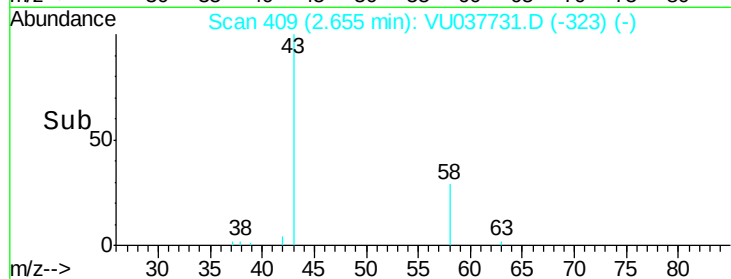
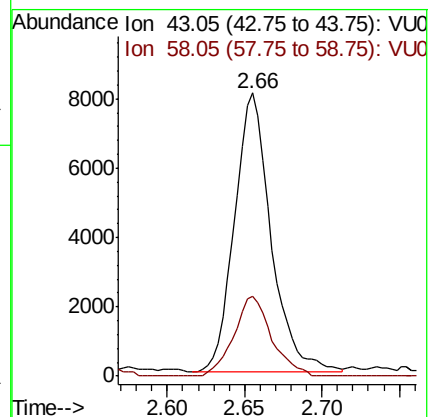
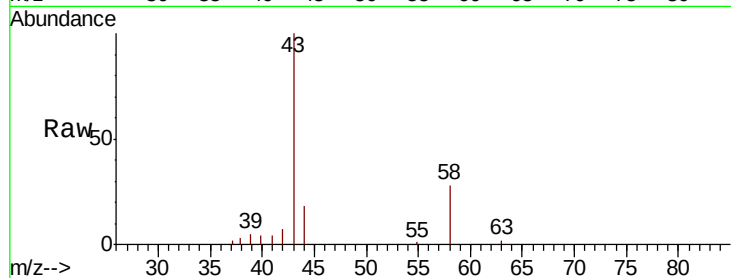
ClientSampleId :

Tot Ion: 43 Resp: 13144

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.8



#25

Chloroform

Concen: 0.510 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037731.D

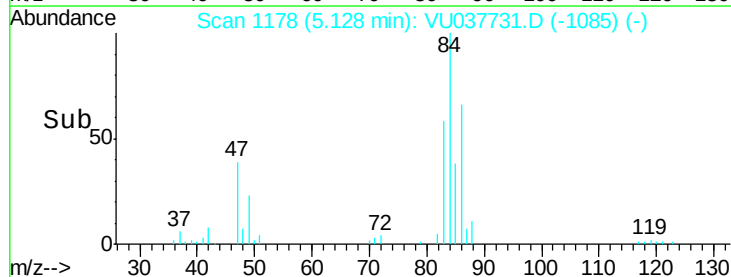
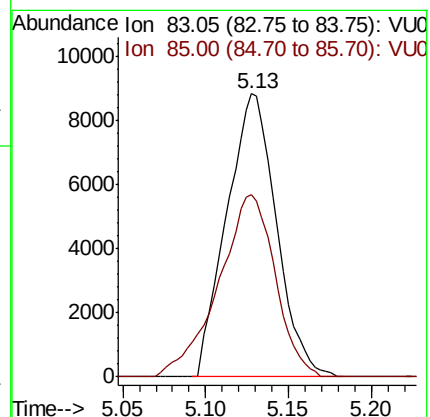
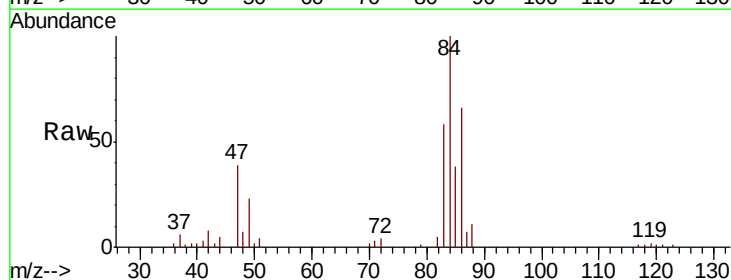
Acq: 15 Apr 2020 14:15

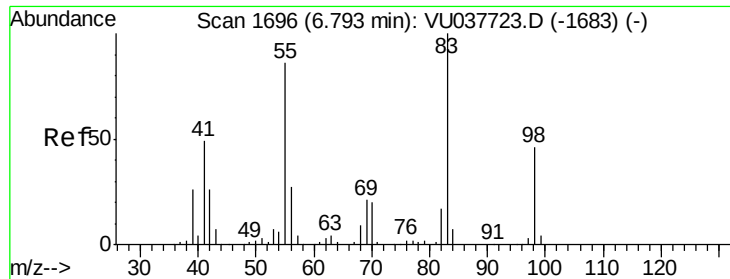
Tgt Ion: 83 Resp: 18429

Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.3

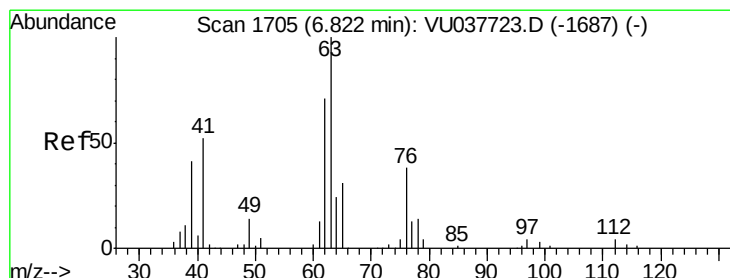
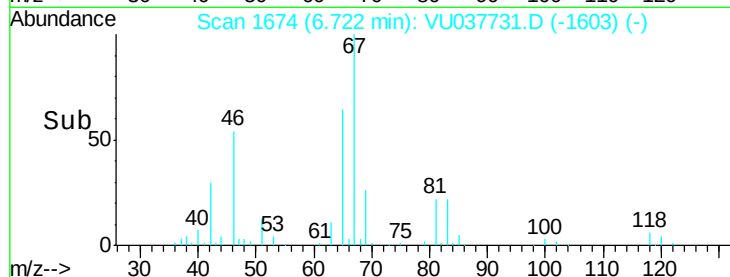
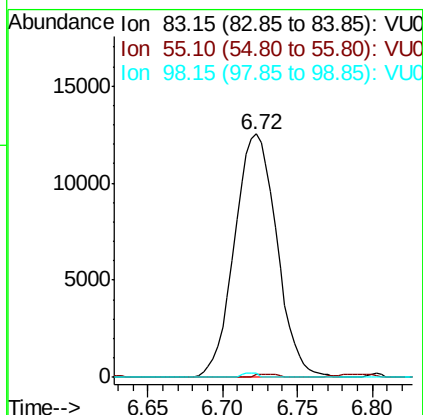
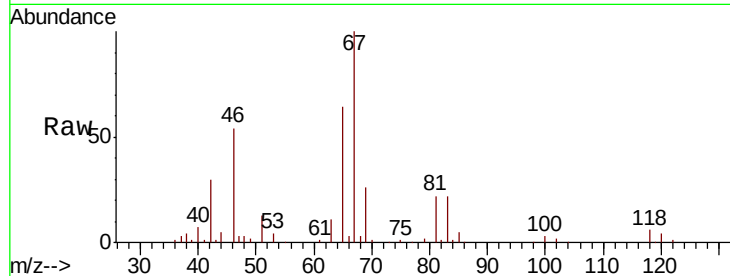




#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037731.D
Acq: 15 Apr 2020 14:15

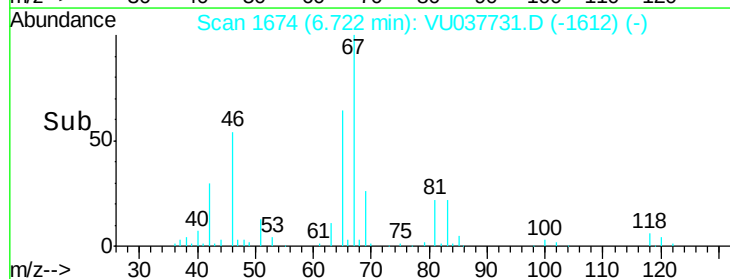
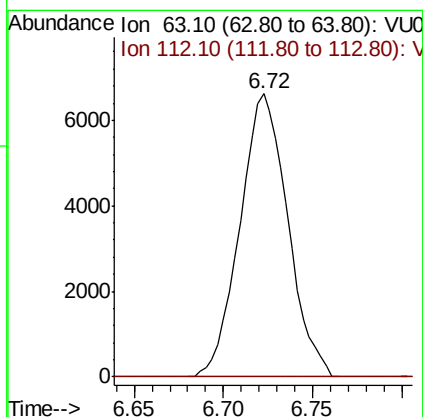
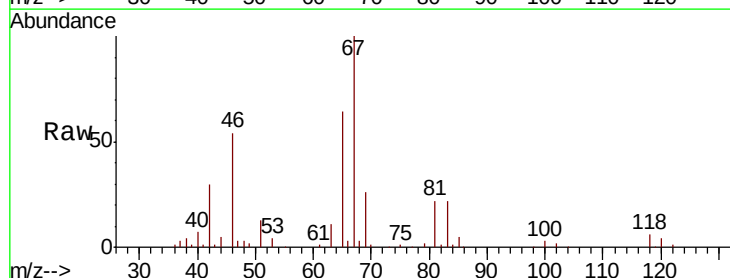
Instrument :
MSVOA_U
ClientSampleId :

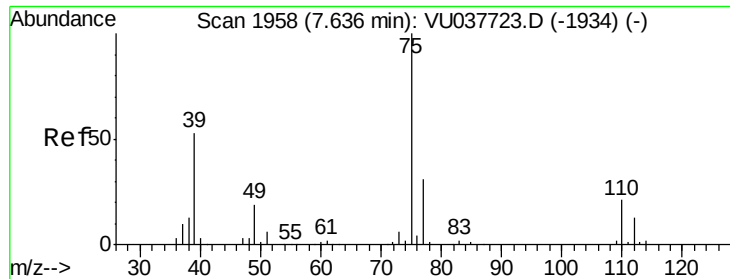
Tot Ion: 83 Resp: 24634
Ion Ratio Lower Upper
83 100
55 0.6 65.5 98.3#
98 0.6 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037731.D
Acq: 15 Apr 2020 14:15

Tgt Ion: 63 Resp: 12368
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

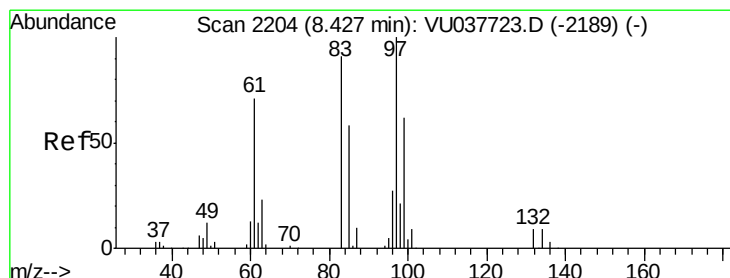
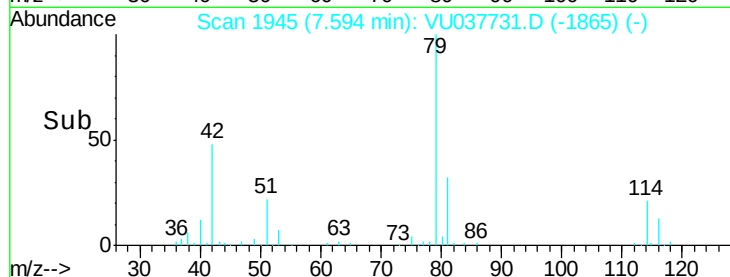
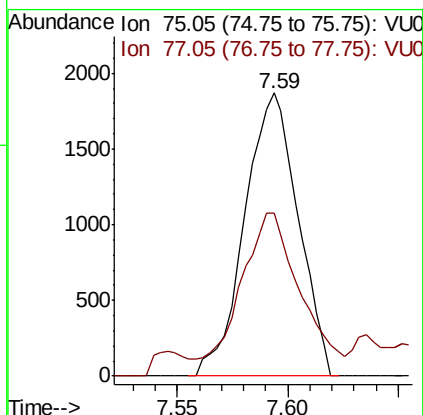
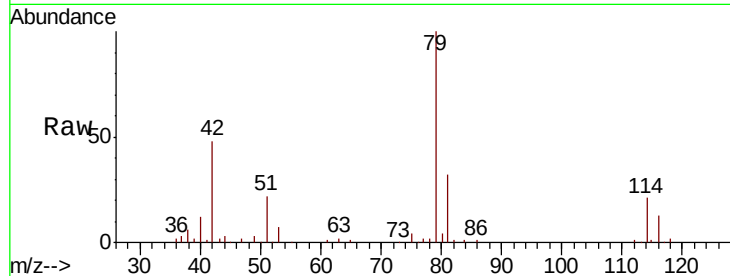




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037731.D
 Acq: 15 Apr 2020 14:15

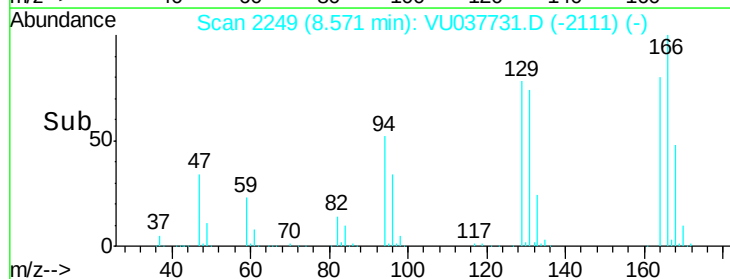
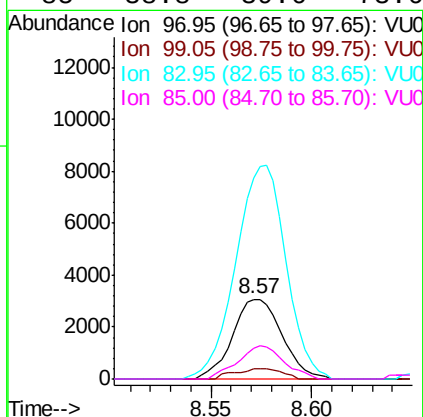
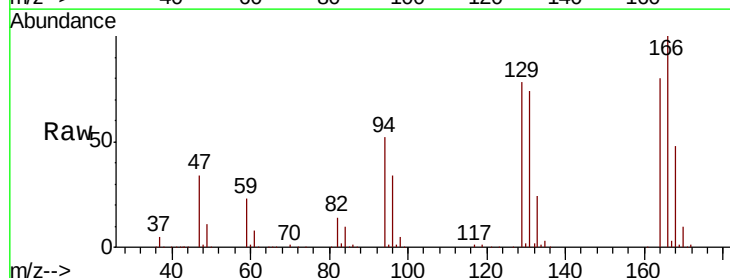
Instrument :
 MSVOA_U
 ClientSampleId :

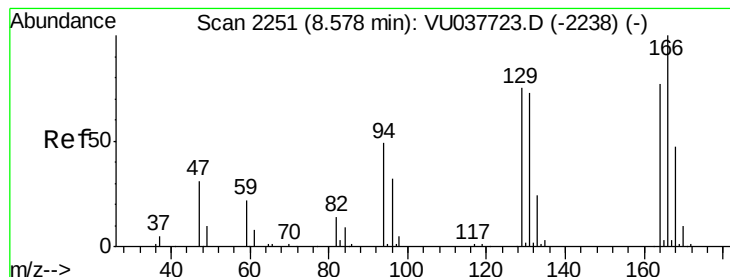
Tot Ion: 75 Resp: 3132
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.2 41.2#



#45
 1,1,2-Trichloroethane
 Concen: 0.353 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. 0.14 min
 Lab File: VU037731.D
 Acq: 15 Apr 2020 14:15

Tgt Ion: 97 Resp: 5272
 Ion Ratio Lower Upper
 97 100
 99 12.2 43.1 80.1#
 83 253.9 62.4 116.0#
 85 38.8 39.6 73.6#





#47

Tetrachloroethene

Concen: 36.863 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037731.D

Acq: 15 Apr 2020 14:15

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:164 Resp: 544462

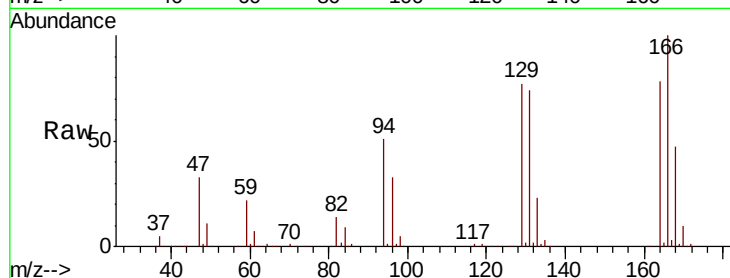
Ion Ratio Lower Upper

164 100

129 97.9 68.1 126.5

131 94.1 65.9 122.5

166 127.5 89.7 166.7

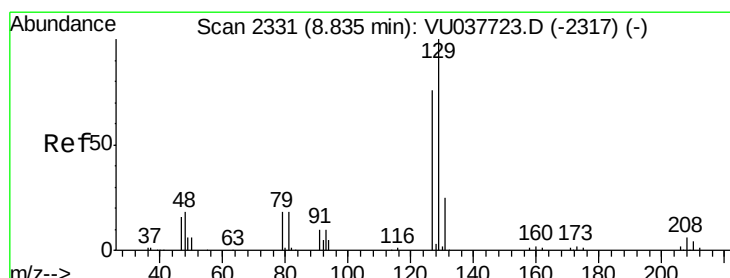
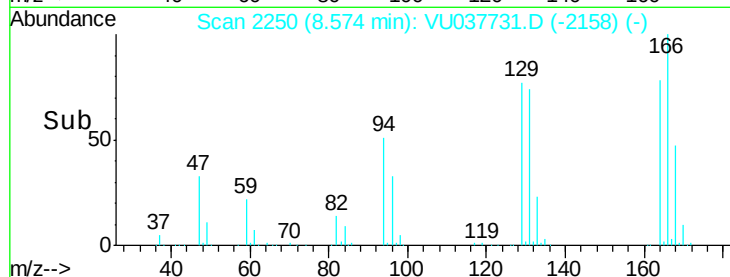
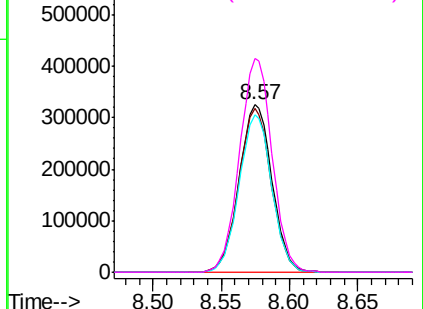


Abundance Ion 163.90 (163.60 to 164.60): V

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: 30.378 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037731.D

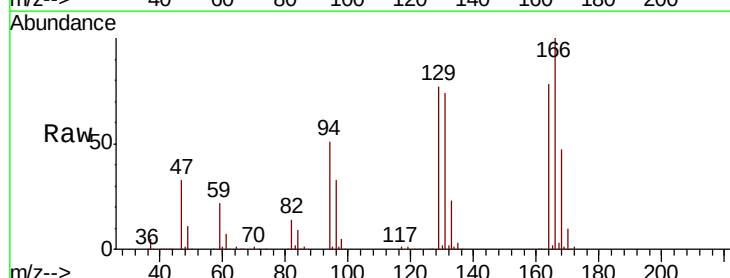
Acq: 15 Apr 2020 14:15

Tgt Ion:129 Resp: 518940

Ion Ratio Lower Upper

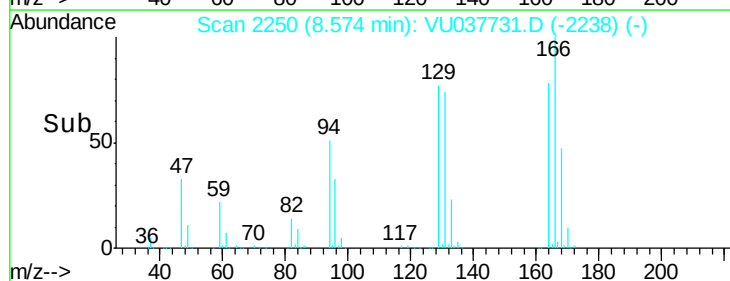
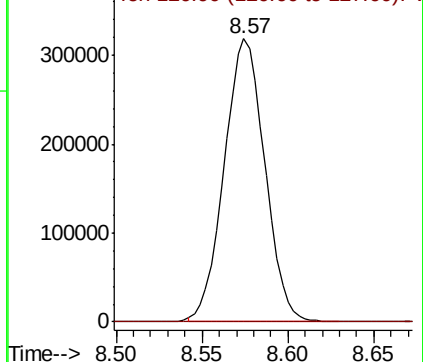
129 100

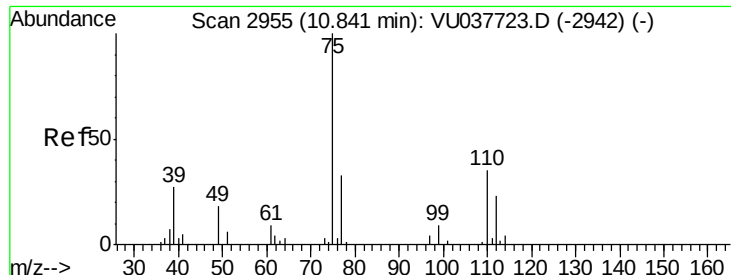
127 0.1 53.3 98.9#



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: 1.210 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037731.D

Acq: 15 Apr 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17571

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

