

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037716.D
 Acq On : 14 Apr 2020 22:45
 Operator : JC/MD
 Sample : L2275-16
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104696	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.93	69	87790	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	138027	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	297634	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	5.10	84	179726	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.74	65	98947	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	363612	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	122705	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	331186	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	50778	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	268983	50.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91064	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	120113	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

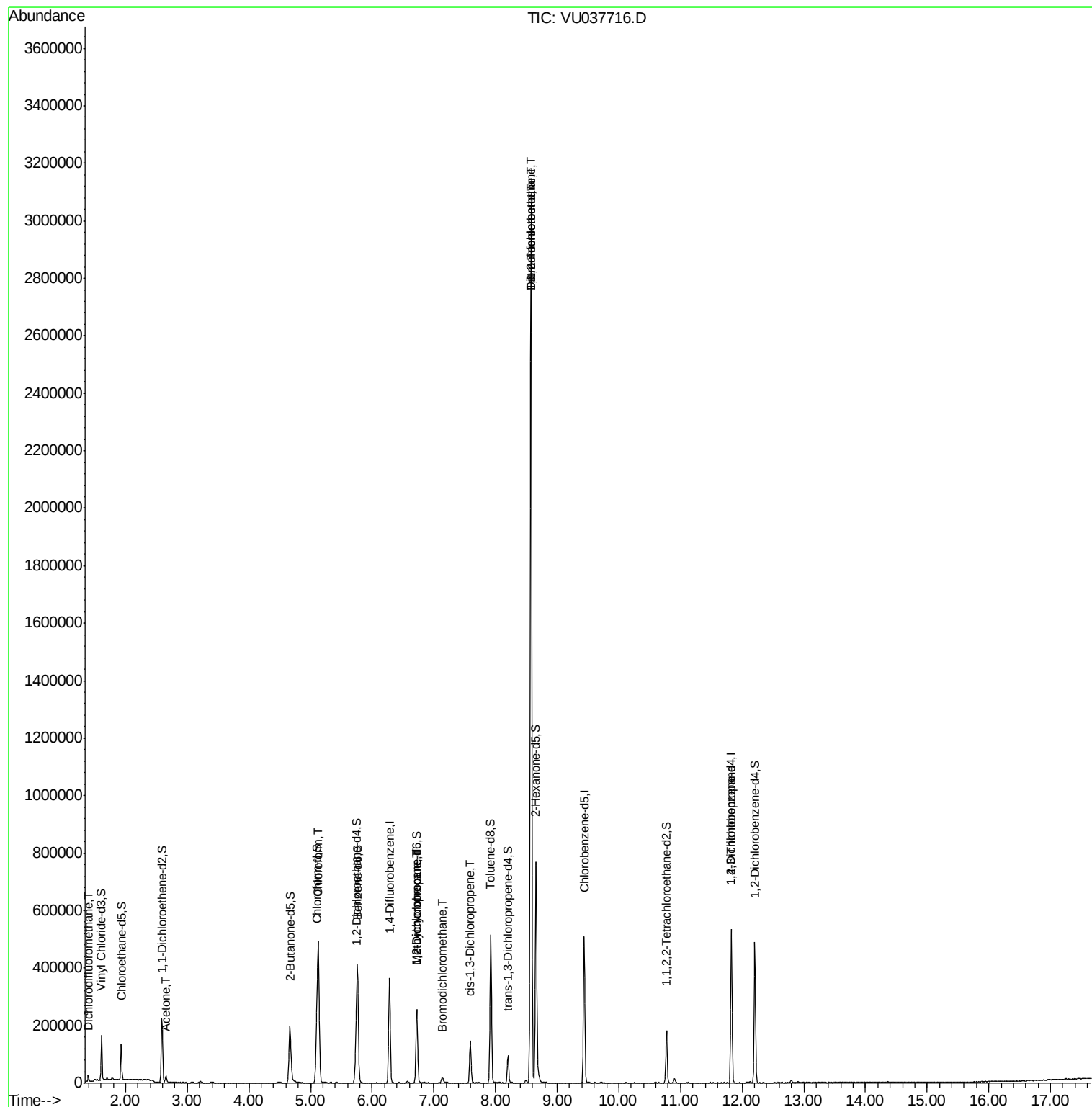
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	12552	0.519	ug/L	95
13) Acetone	2.66	43	23448	6.140	ug/L	99
25) Chloroform	5.13	83	376504	9.827	ug/L	99
35) Methylcyclohexane	6.72	83	26929	0.720	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13094	0.568	ug/L #	87
38) Bromodichloromethane	7.13	83	11851	0.433	ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	3259	0.090	ug/L #	45
45) 1,1,2-Trichloroethane	8.57	97	5667	0.365	ug/L #	1
47) Tetrachloroethene	8.57	164	638661	41.625	ug/L	99
49) Dibromochloromethane	8.57	129	616571	34.745	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17530	1.162	ug/L	89

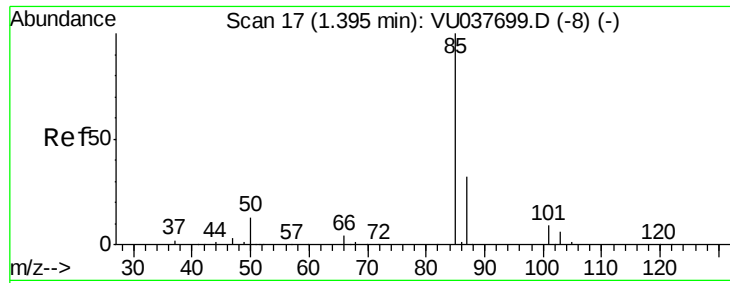
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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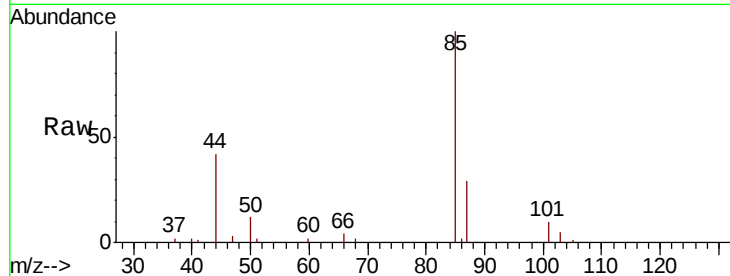




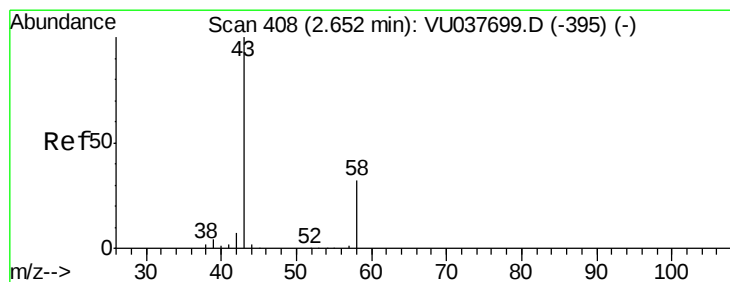
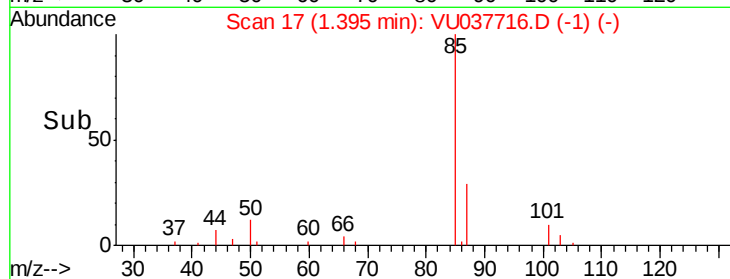
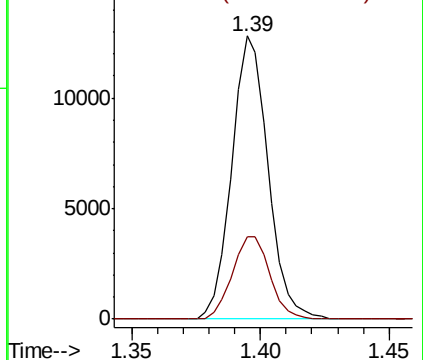
#2
 Dichlorodifluoromethane
 Concen: 0.519 ug/L
 RT: 1.39 min Scan# 17
 Delta R.T. -0.00 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 85 Resp: 12552
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.2 39.4

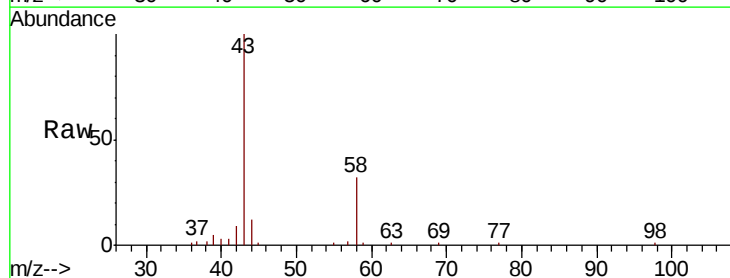


Abundance Ion 85.00 (84.70 to 85.70): VU037699.D (-8) (-)
 Ion 87.00 (86.70 to 87.70): VU037699.D (-8) (-)

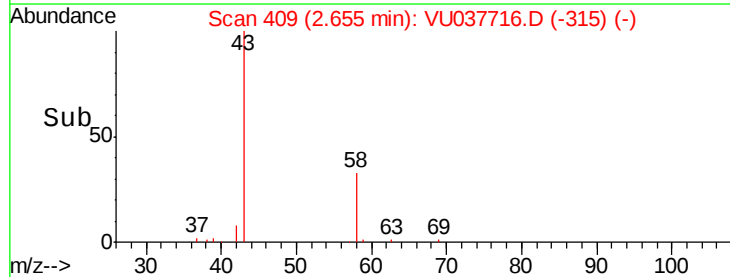
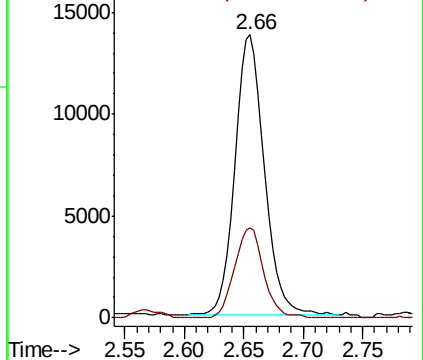


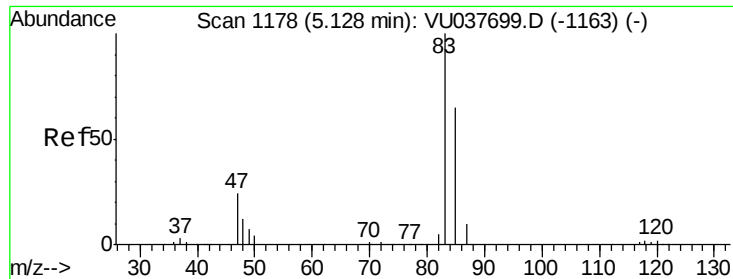
#13
 Acetone
 Concen: 6.140 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

Tgt Ion: 43 Resp: 23448
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037699.D (-395) (-)
 Ion 58.05 (57.75 to 58.75): VU037699.D (-395) (-)

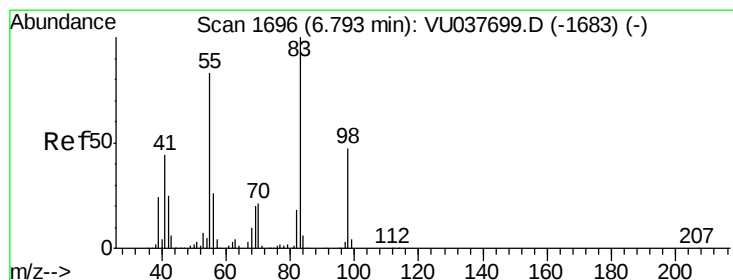
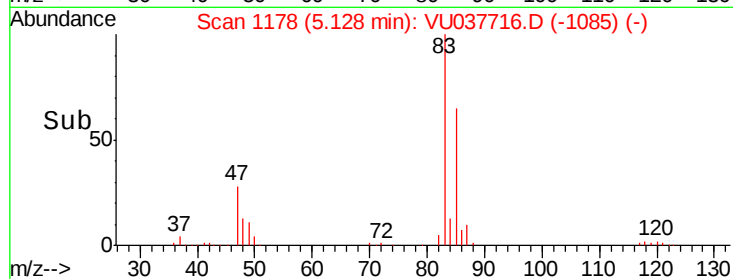
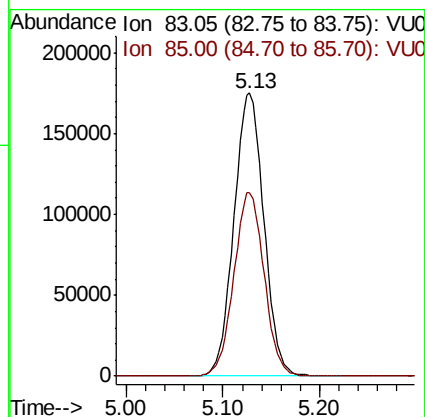
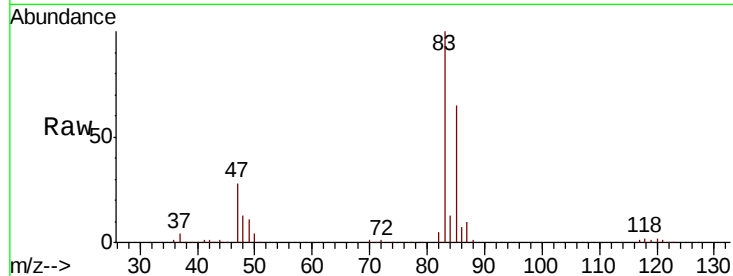




#25
Chloroform
Concen: 9.827 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037716.D
Acq: 14 Apr 2020 22:45

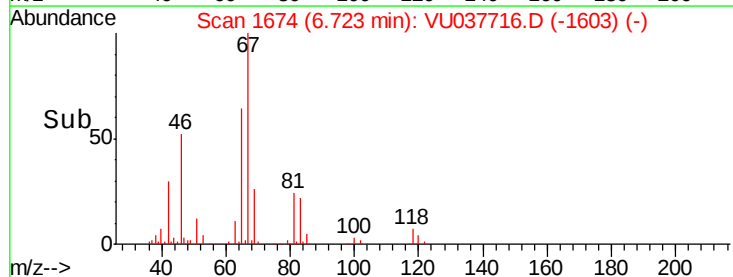
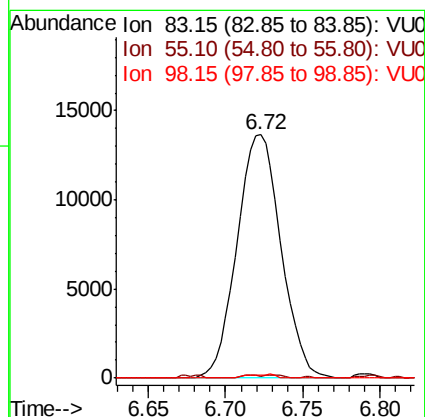
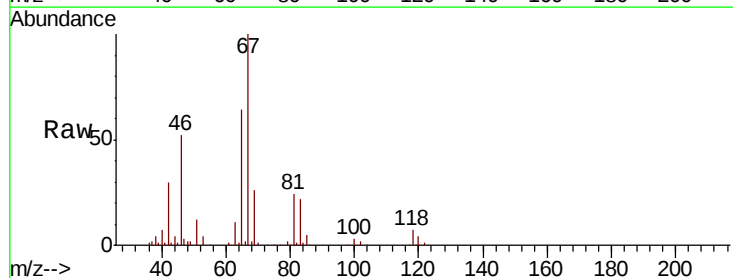
Instrument :
MSVOA_U
ClientSampleId :

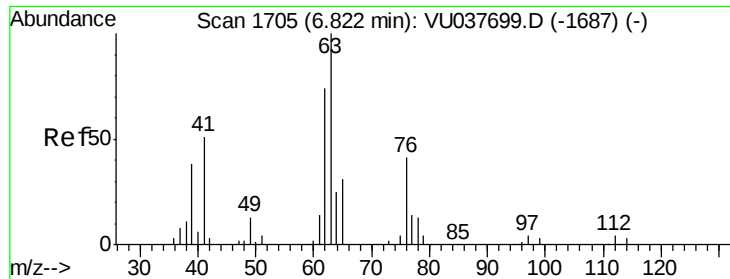
Tot Ion: 83 Resp: 376504
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3



#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037716.D
Acq: 14 Apr 2020 22:45

Tgt Ion: 83 Resp: 26929
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 0.9 38.2 57.4#

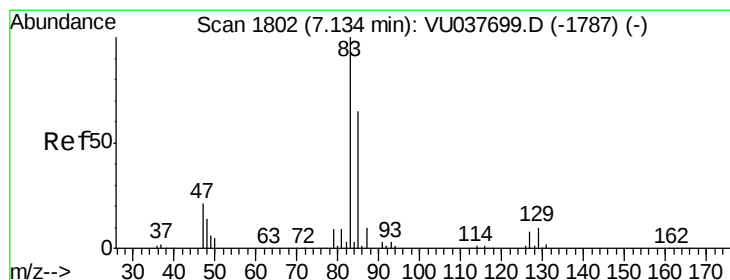
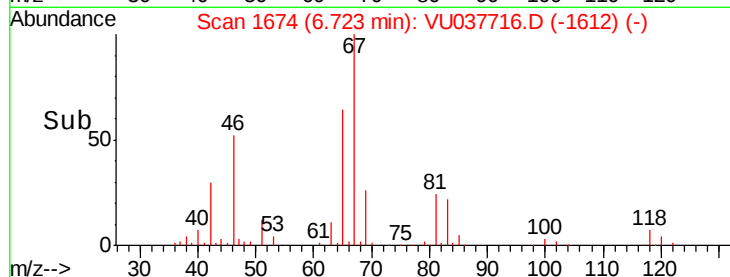
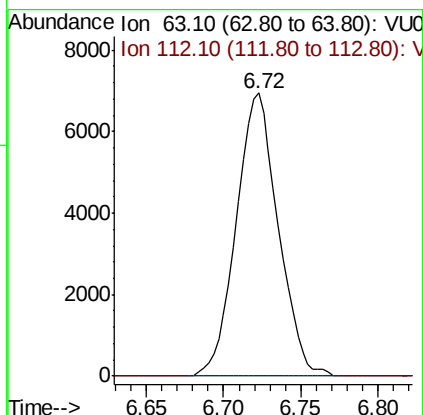
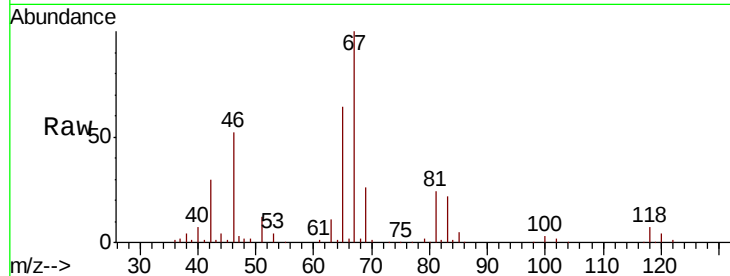




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

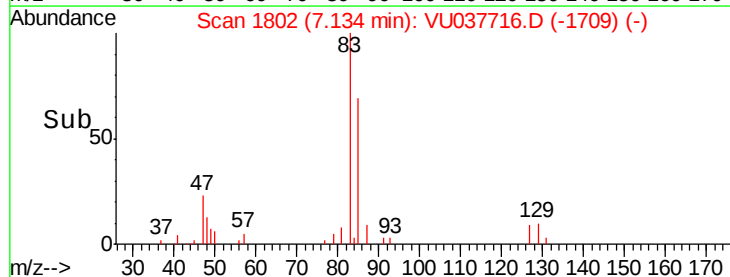
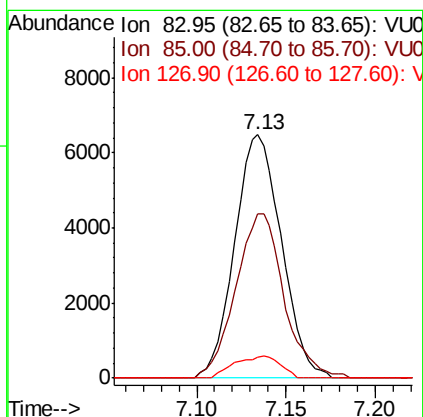
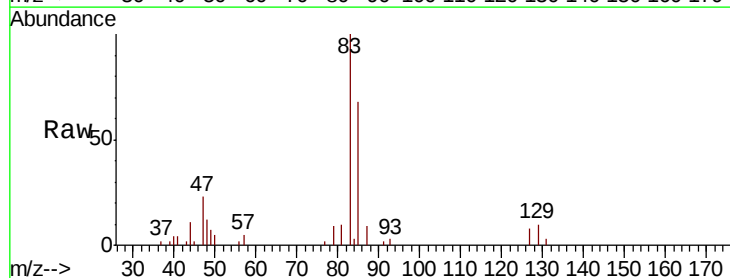
Instrument :
 MSVOA_U
 ClientSampleId :

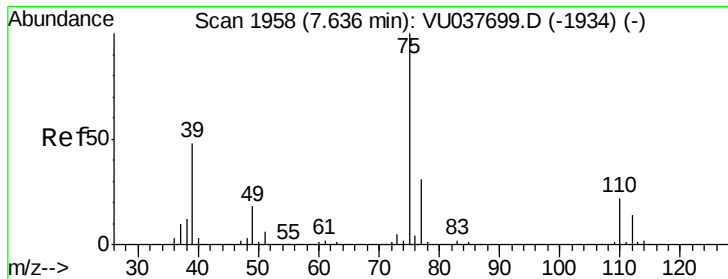
Tot Ion: 63 Resp: 13094
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.433 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

Tgt Ion: 83 Resp: 11851
 Ion Ratio Lower Upper
 83 100
 85 67.7 45.1 83.7
 127 8.5 6.6 9.8

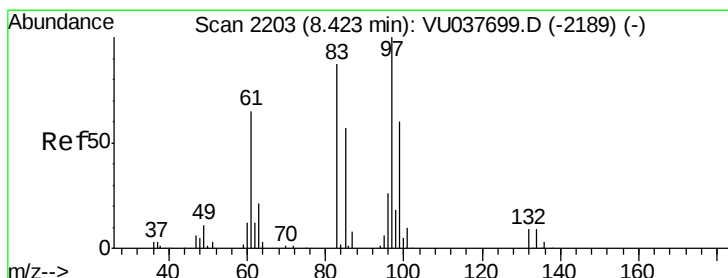
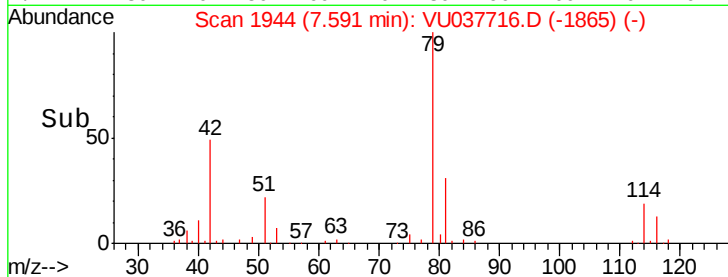
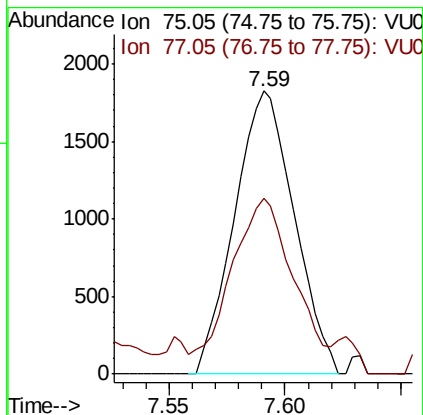
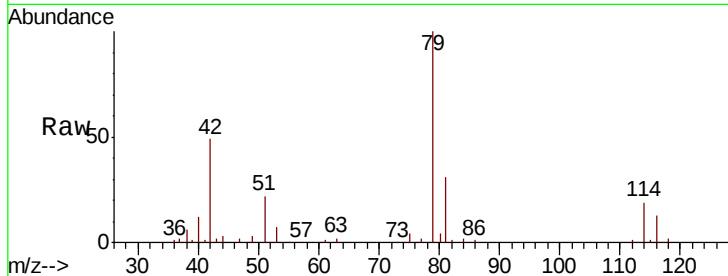




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

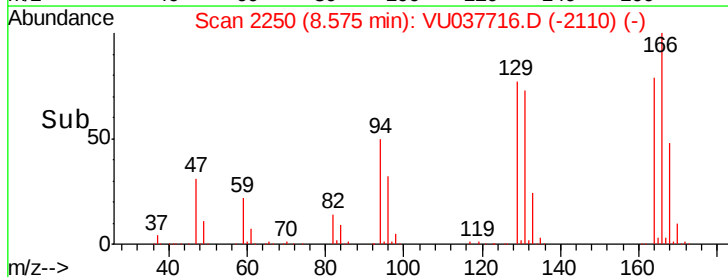
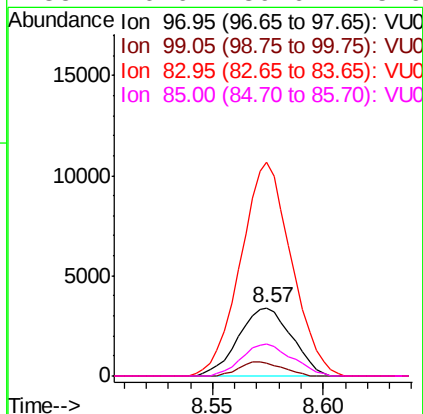
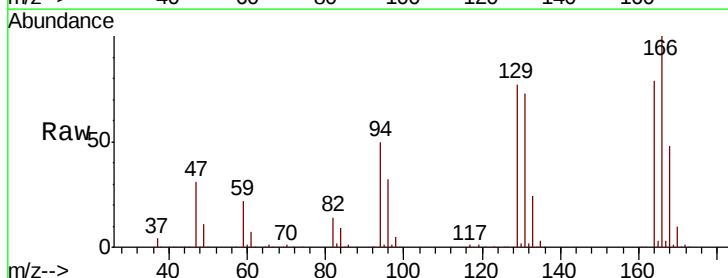
Instrument :
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 ClientSampleId :

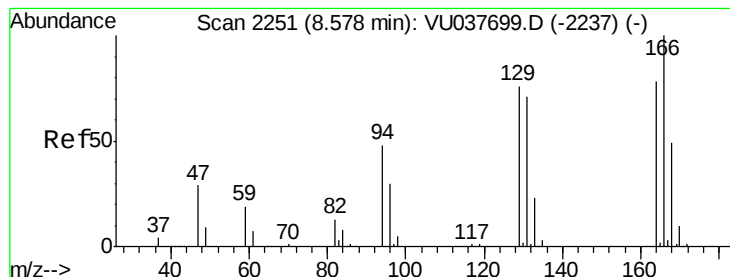
Tot Ion: 75 Resp: 3259
 Ion Ratio Lower Upper
 75 100
 77 62.1 22.2 41.2#



#45
 1,1,2-Trichloroethane
 Concen: 0.365 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU037716.D
 Acq: 14 Apr 2020 22:45

Tgt Ion: 97 Resp: 5667
 Ion Ratio Lower Upper
 97 100
 99 18.8 43.1 80.1#
 83 312.9 62.4 116.0#
 85 46.6 39.6 73.6





#47

Tetrachloroethene

Concen: 41.625 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037716.D

Acq: 14 Apr 2020 22:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 638661

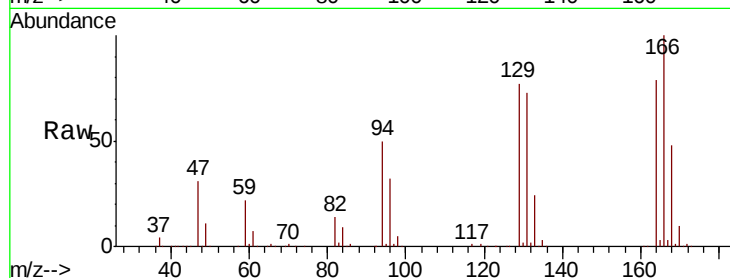
Ion Ratio Lower Upper

164 100

129 97.2 68.1 126.5

131 92.9 65.9 122.5

166 126.6 89.7 166.7

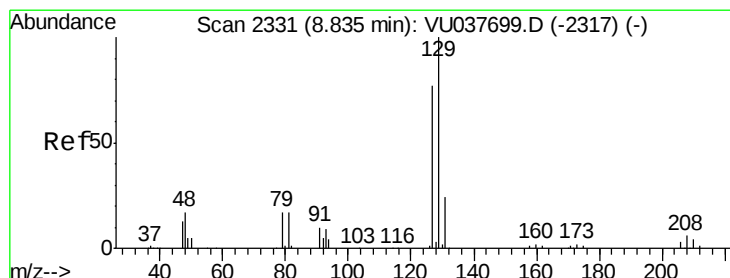
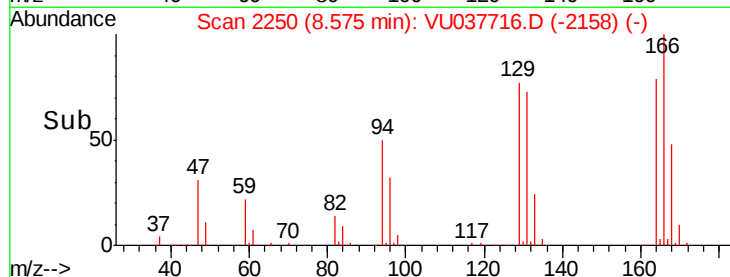
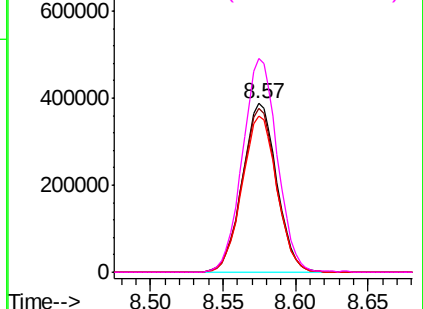


Abundance Ion 163.90 (163.60 to 164.60): V

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: 34.745 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037716.D

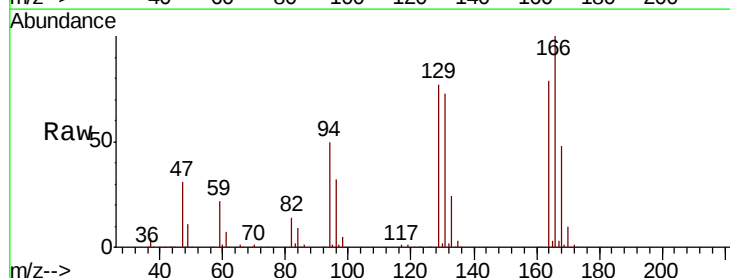
Acq: 14 Apr 2020 22:45

Tgt Ion:129 Resp: 616571

Ion Ratio Lower Upper

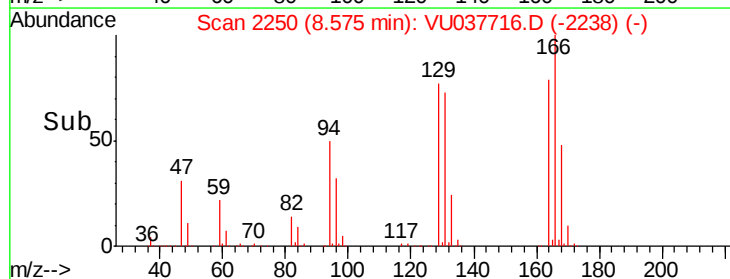
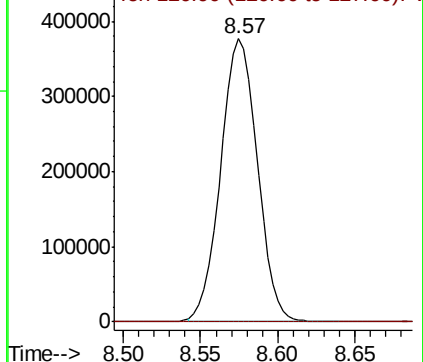
129 100

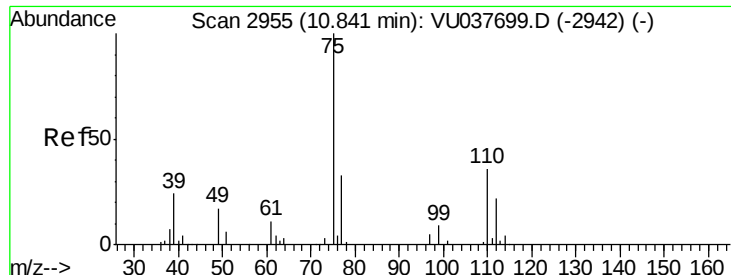
127 0.0 53.3 98.9#



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: 1.162 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037716.D

Acq: 14 Apr 2020 22:45

Instrument :

MSVOA_U

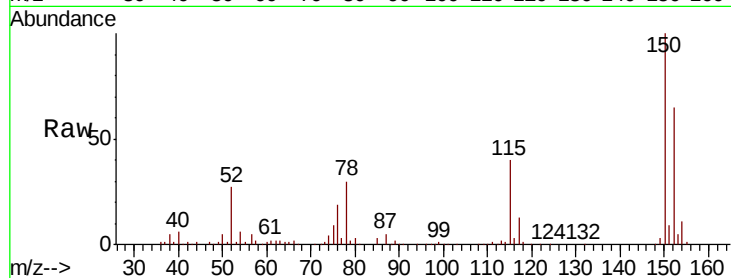
ClientSampleId :

Tot Ion: 75 Resp: 17530

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

