

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037708.D
 Acq On : 14 Apr 2020 19:27
 Operator : JC/MD
 Sample : L2275-08
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:05:17 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	296248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135916	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115920	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	97020	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.59	63	147332	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	317322	51.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	5.10	84	172092	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	104957	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.76	84	394708	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.72	67	127410	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	356119	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.20	79	55818	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	289263	50.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97089	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	125535	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

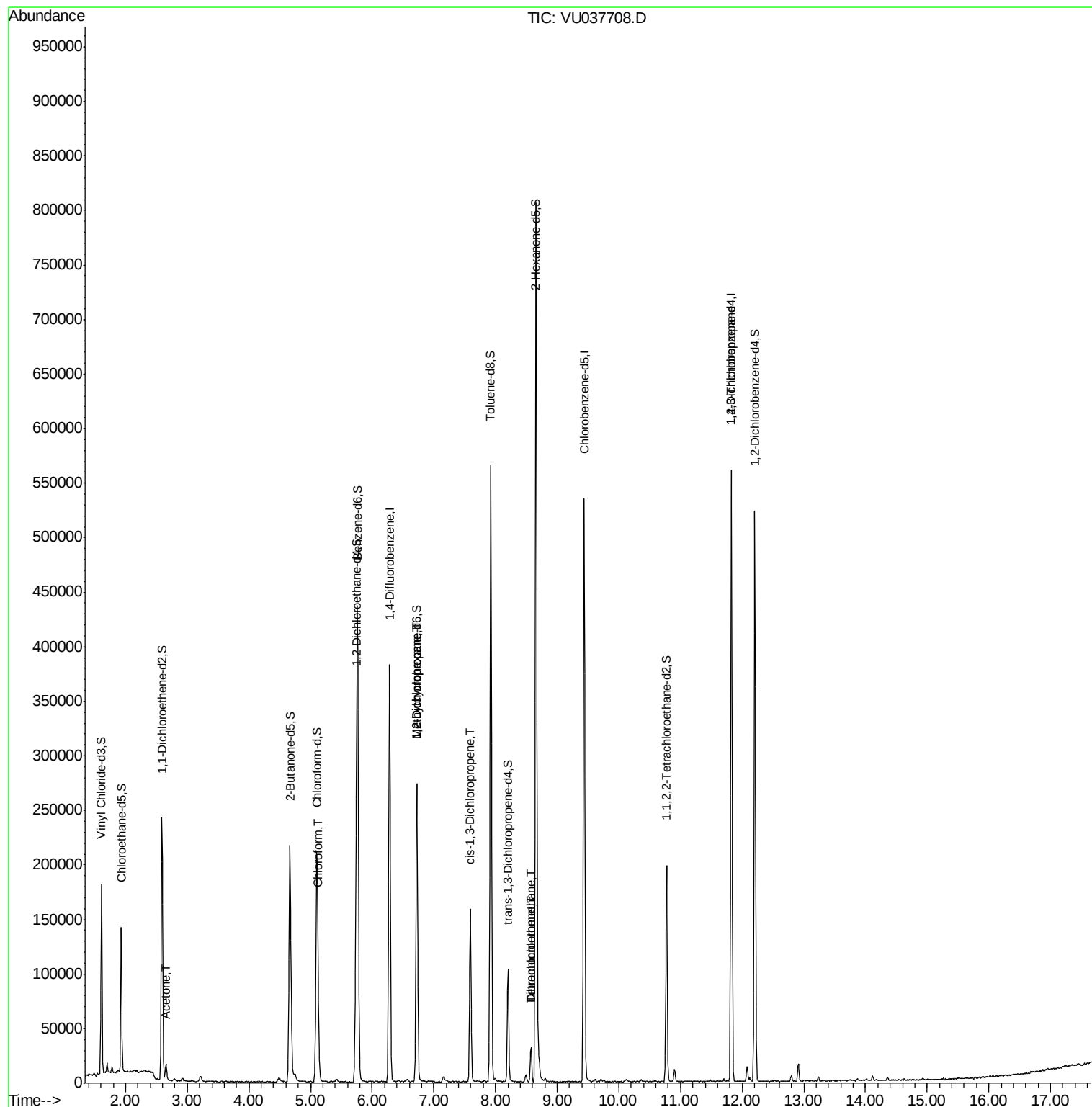
					Ovalue
13) Acetone	2.66	43	16306	4.017	ug/L 95
25) Chloroform	5.13	83	25260	0.620	ug/L 98
35) Methylcyclohexane	6.72	83	28746	0.709	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	14116	0.566	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	3536	0.091	ug/L # 42
47) Tetrachloroethene	8.57	164	6879	0.414	ug/L 92
49) Dibromochloromethane	8.57	129	6373	0.332	ug/L # 11
59) 1,2,3-Trichloropropane	11.83	75	18123	1.109	ug/L # 88

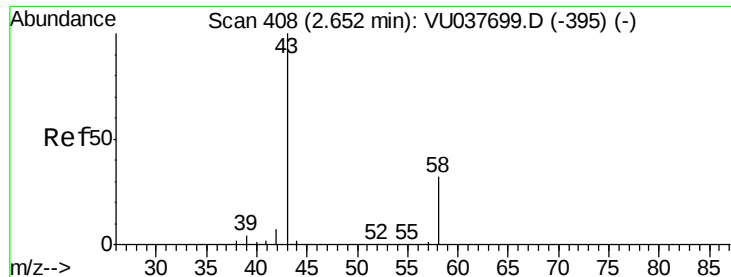
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.017 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037708.D

Acq: 14 Apr 2020 19:27

Instrument :

MSVOA_U

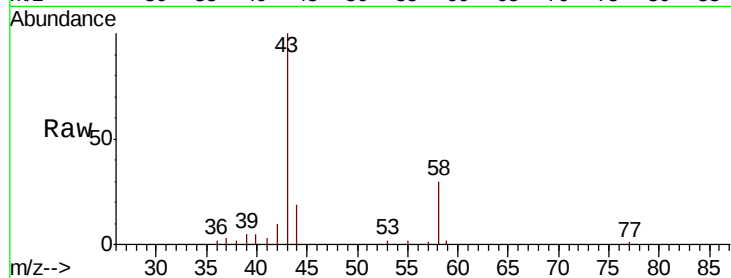
ClientSampled :

Tot Ion: 43 Resp: 16306

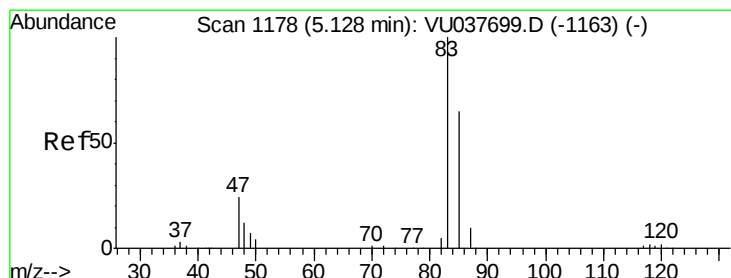
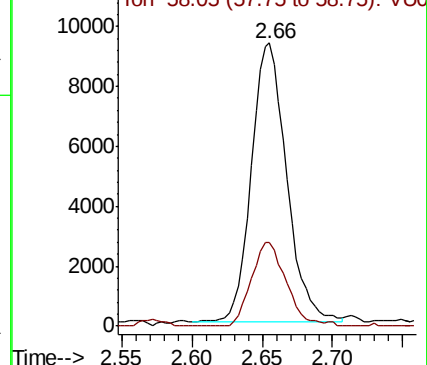
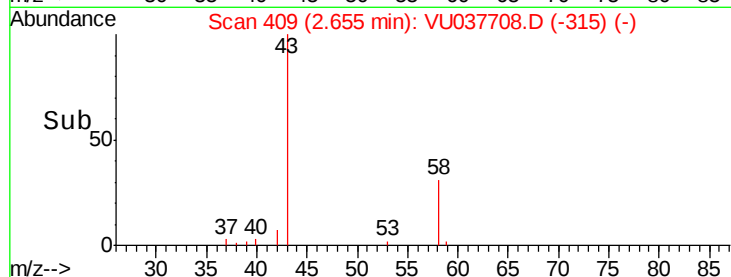
Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037708.D (-315) (-)



#25

Chloroform

Concen: 0.620 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037708.D

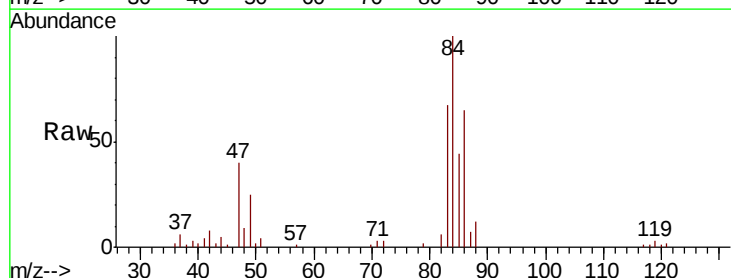
Acq: 14 Apr 2020 19:27

Tgt Ion: 83 Resp: 25260

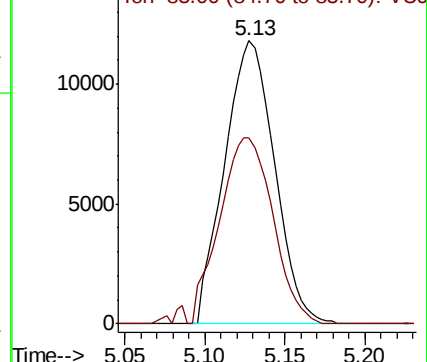
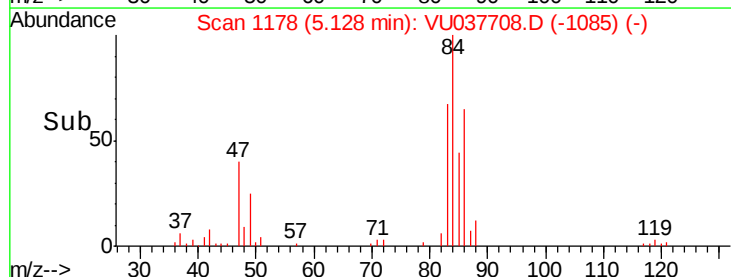
Ion Ratio Lower Upper

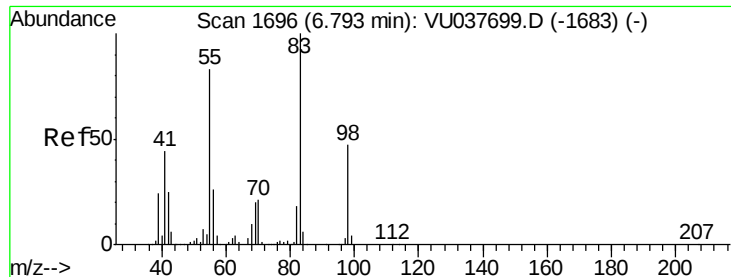
83 100

85 65.7 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037708.D (-1085) (-)

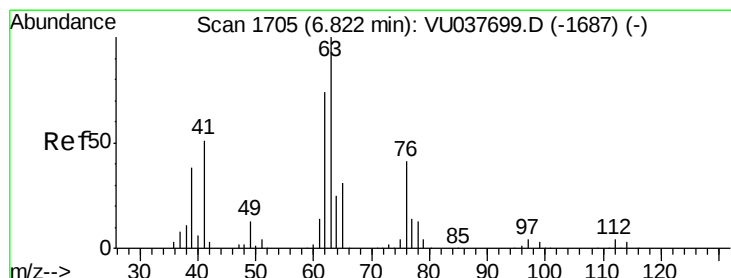
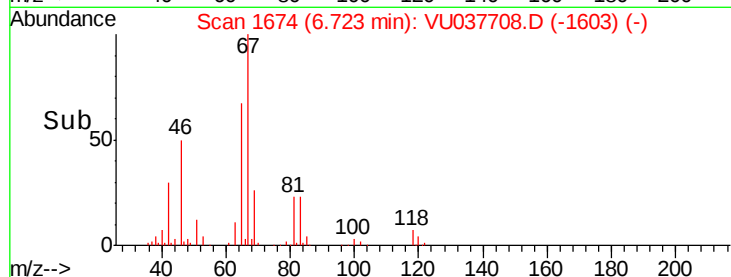
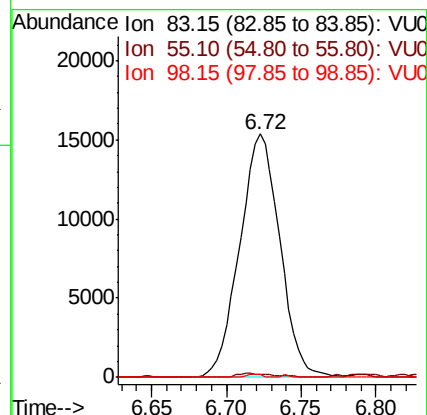
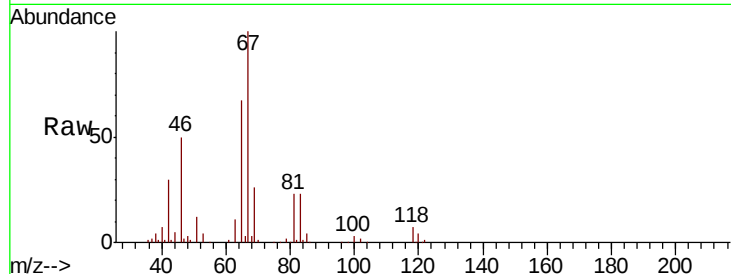




#35
Methvlcvclohexane
Concen: 0.709 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037708.D
Acq: 14 Apr 2020 19:27

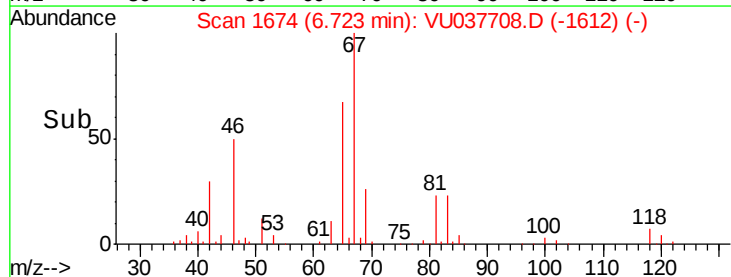
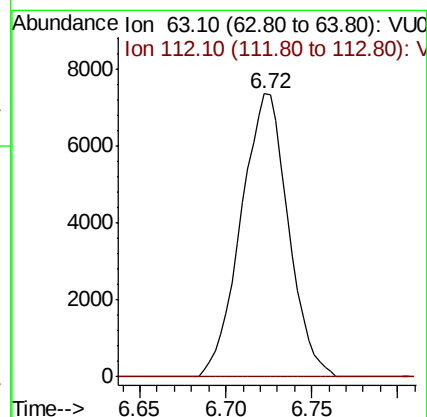
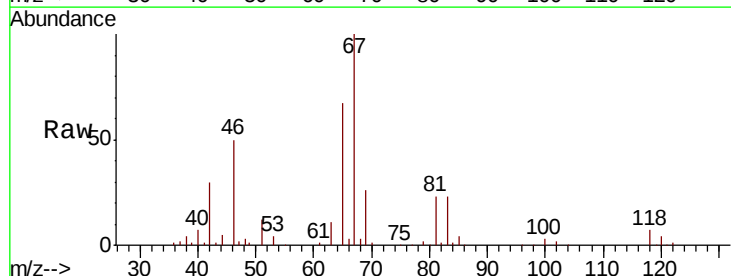
Instrument :
MSVOA_U
ClientSampleId :

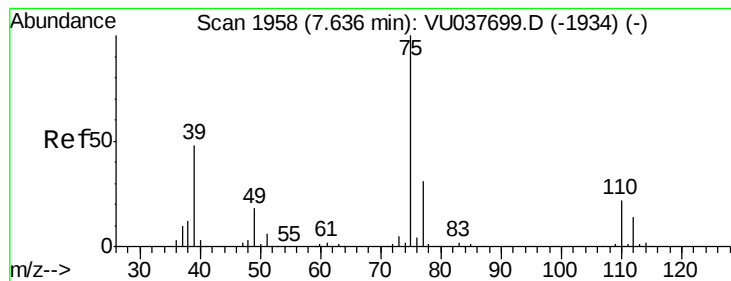
Tot Ion: 83 Resp: 28746
Ion Ratio Lower Upper
83 100
55 1.2 65.5 98.3#
98 0.5 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037708.D
Acq: 14 Apr 2020 19:27

Tgt Ion: 63 Resp: 14116
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



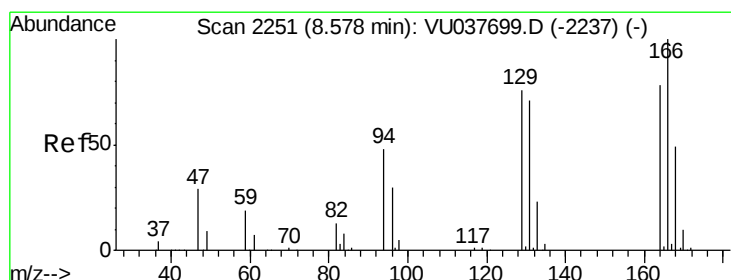
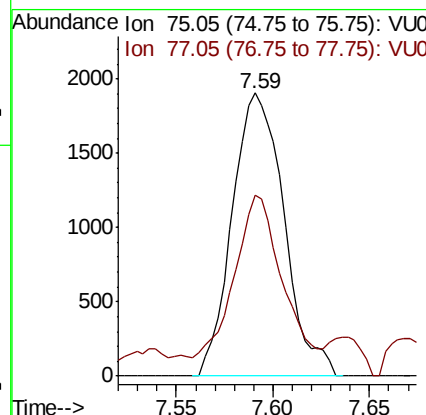
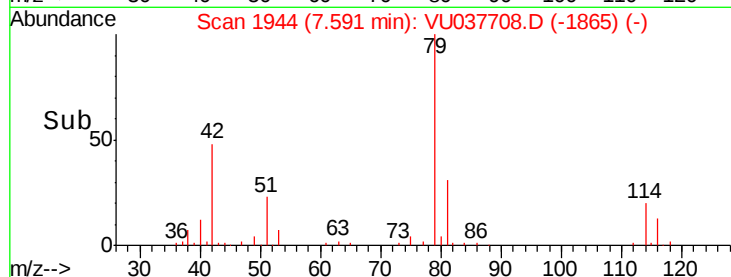
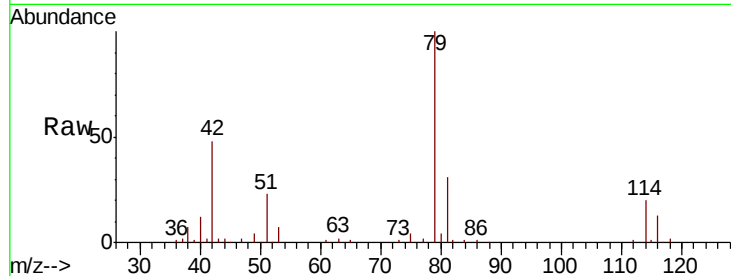


#39

cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037708.D
Acq: 14 Apr 2020 19:27

Instrument :
MSVOA_U
ClientSampleId :

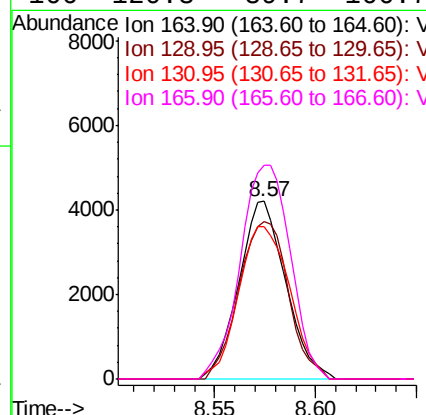
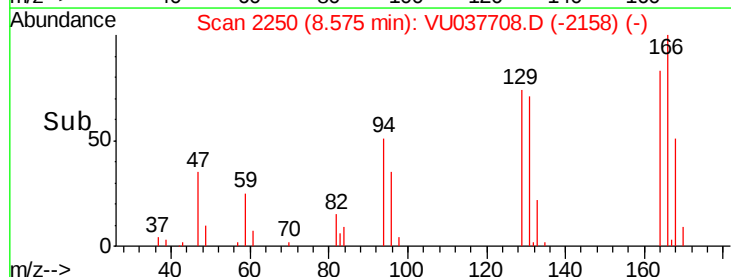
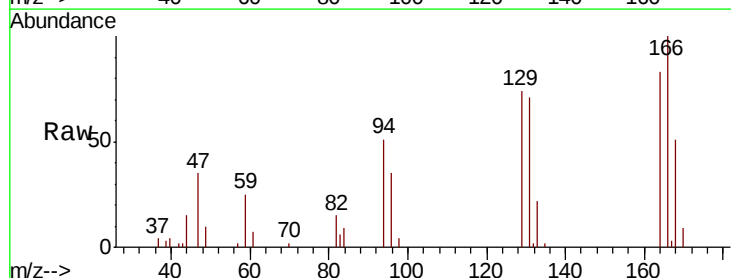
Tot Ion: 75 Resp: 3536
Ion Ratio Lower Upper
75 100
77 64.0 22.2 41.2#

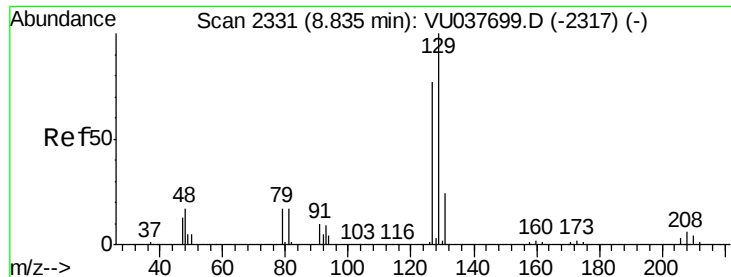


#47

Tetrachloroethene
Concen: 0.414 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037708.D
Acq: 14 Apr 2020 19:27

Tgt Ion:164 Resp: 6879
Ion Ratio Lower Upper
164 100
129 88.6 68.1 126.5
131 86.0 65.9 122.5
166 120.3 89.7 166.7

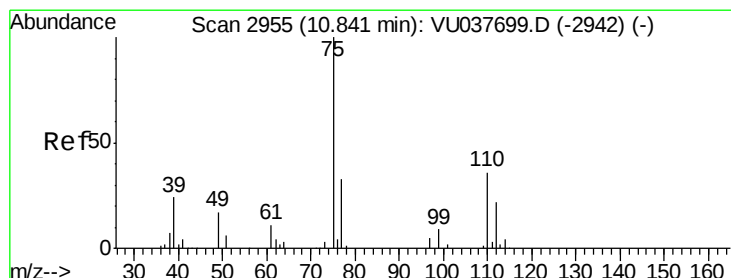
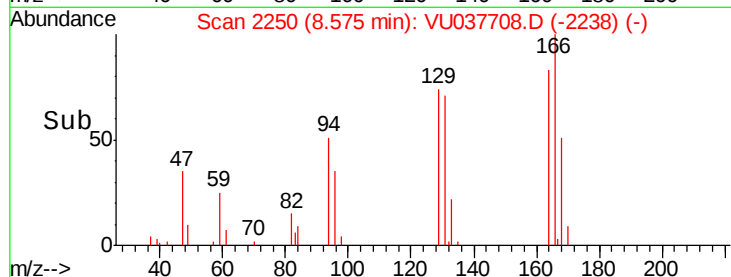
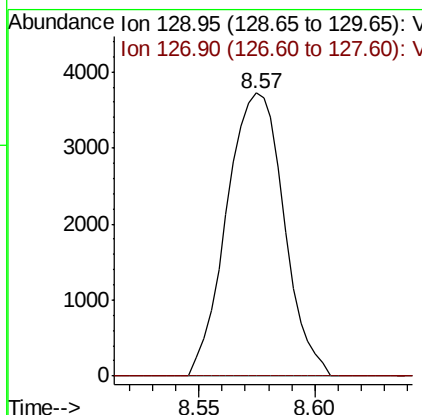
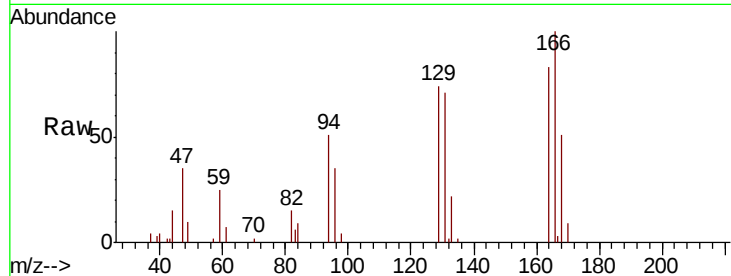




#49
 Dibromochloromethane
 Concen: 0.332 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU037708.D
 Acq: 14 Apr 2020 19:27

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 6373
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.3 98.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.109 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037708.D
 Acq: 14 Apr 2020 19:27

Tgt Ion: 75 Resp: 18123
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.4 38.2#

