

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037734.D
 Acq On : 15 Apr 2020 15:29
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:28:01 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	291734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283633	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135976	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88766	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	78946	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	116138	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.66	46	277051	45.70	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	5.10	84	138968	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.74	65	91108	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.76	84	319035	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.72	67	107761	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.92	98	284837	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.20	79	45679	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	245051	42.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82611	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	103346	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

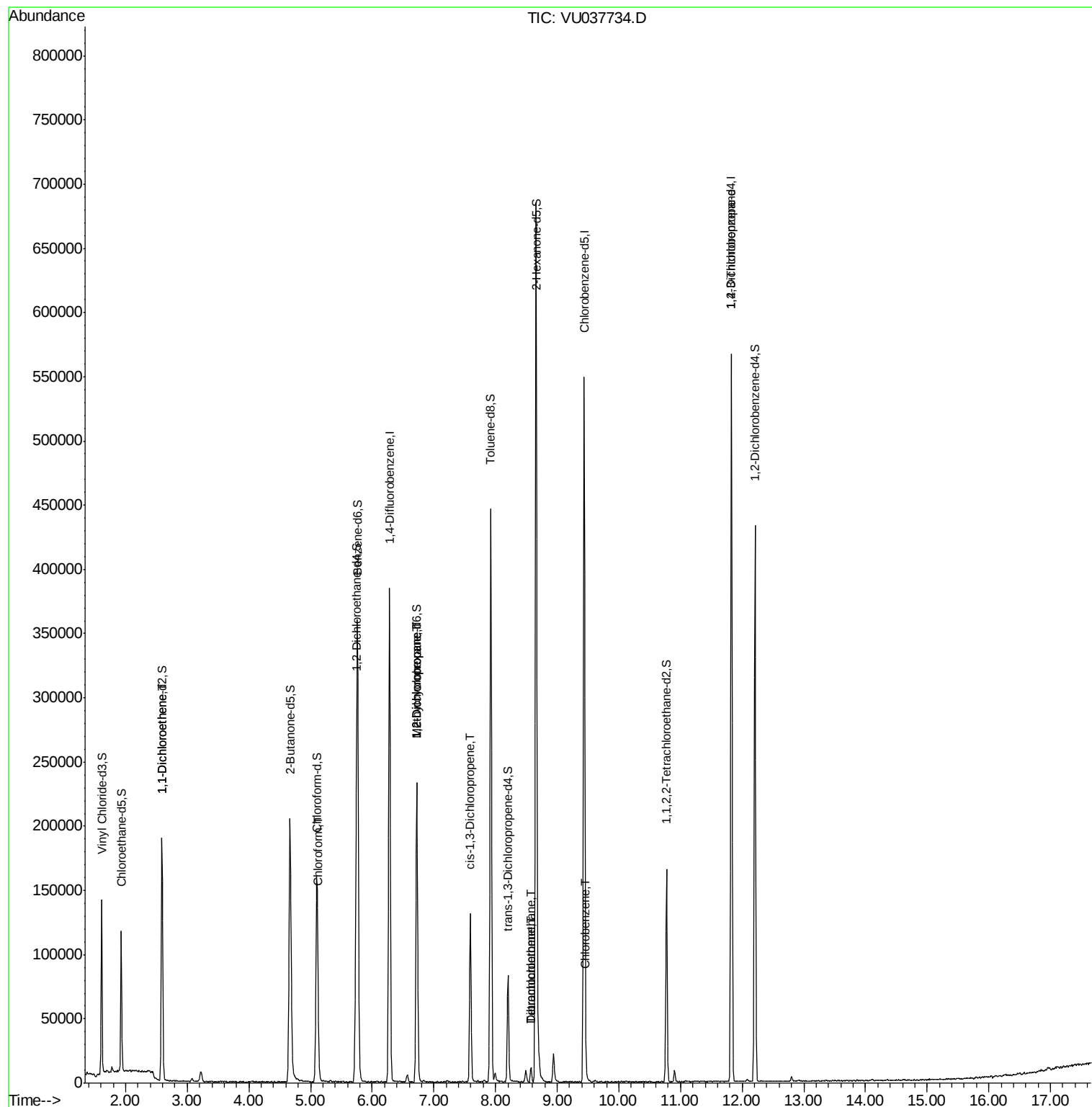
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1602	0.080	ug/L #	1
25) Chloroform	5.12	83	13042	0.325	ug/L	99
35) Methylcyclohexane	6.72	83	24303	0.602	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	11772	0.474	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2731	0.070	ug/L #	19
47) Tetrachloroethene	8.57	164	2402	0.145	ug/L	93
49) Dibromochloromethane	8.57	129	2433	0.127	ug/L #	11
51) Chlorobenzene	9.47	112	4812	0.080	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	19194	1.180	ug/L	90

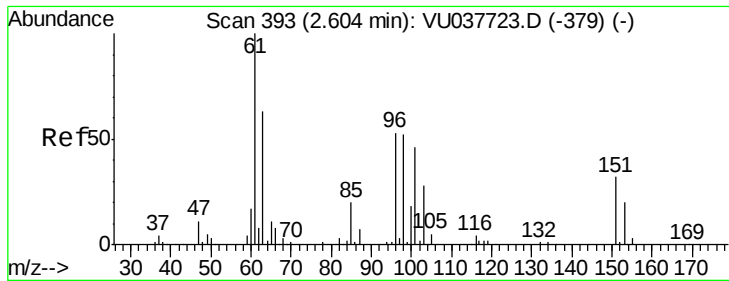
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

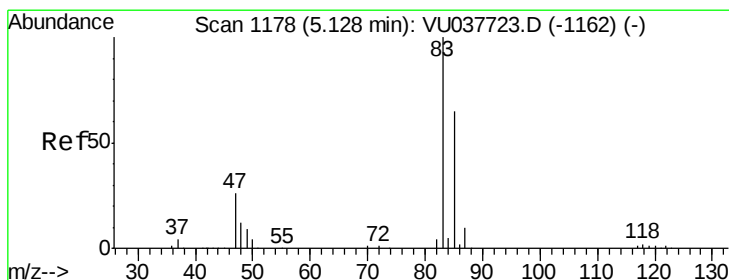
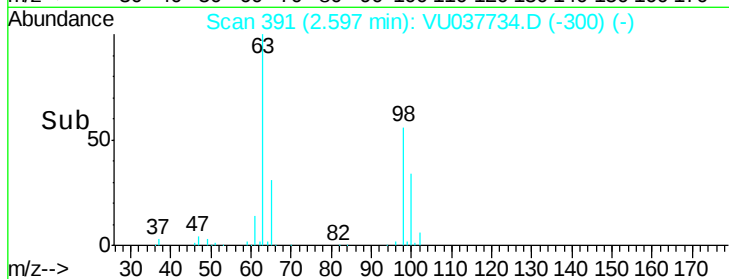
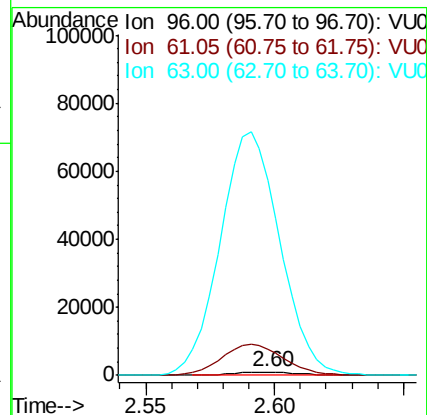
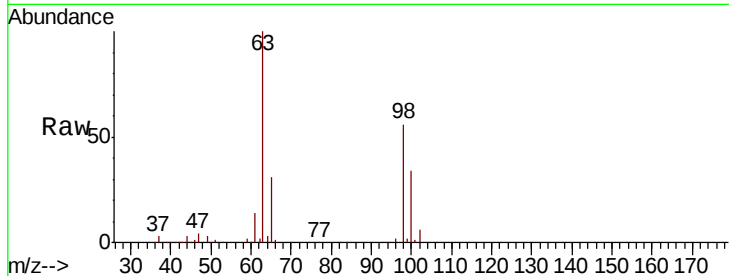
Lab File: VU037734.D

Acq: 15 Apr 2020 15:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1602

Ion	Ratio	Lower	Upper
96	100		
61	799.7	127.7	237.3#
63	5876.5	85.0	157.8#



#25

Chloroform

Concen: 0.325 ug/L

RT: 5.12 min Scan# 1177

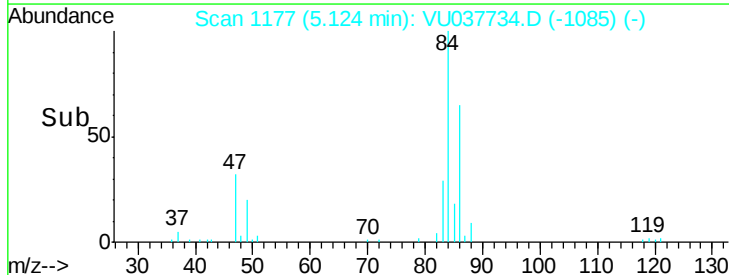
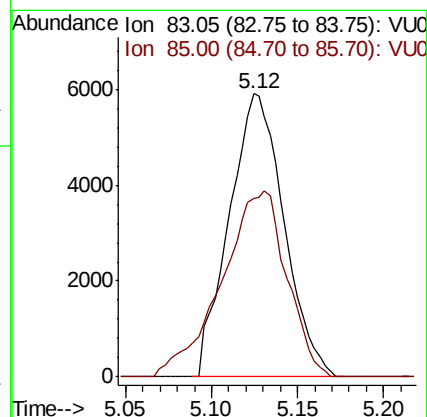
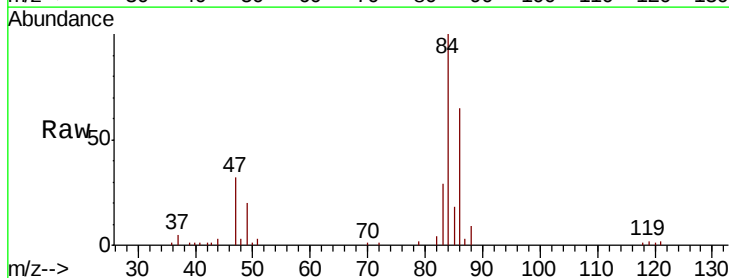
Delta R.T. -0.00 min

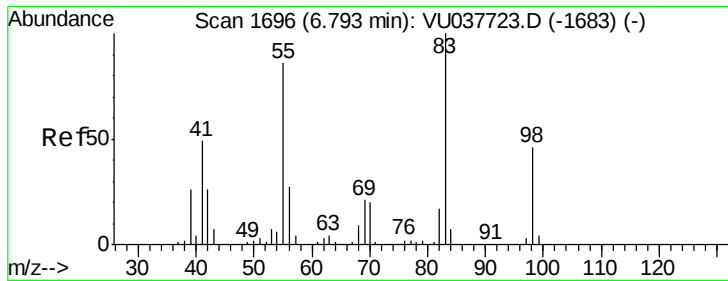
Lab File: VU037734.D

Acq: 15 Apr 2020 15:29

Tgt Ion: 83 Resp: 13042

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.9	83.3

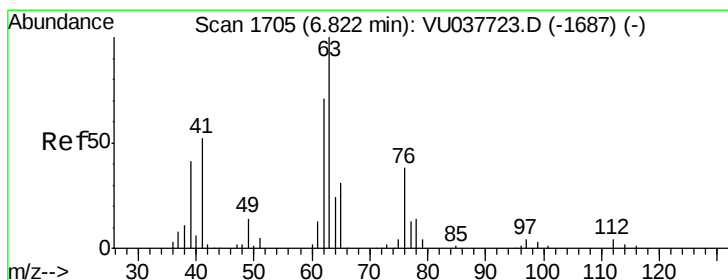
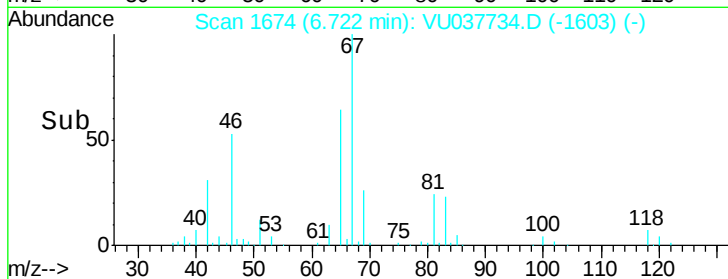
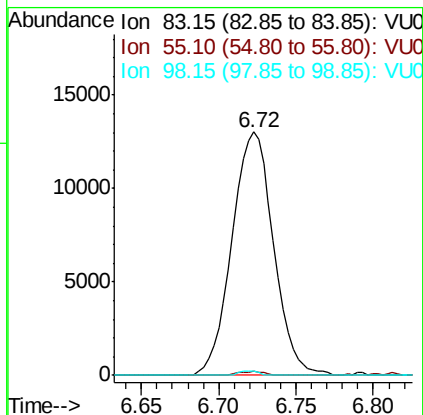
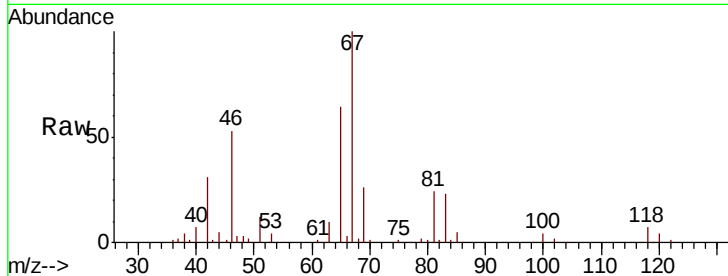




#35
Methvlcvclohexane
Concen: 0.602 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037734.D
Acq: 15 Apr 2020 15:29

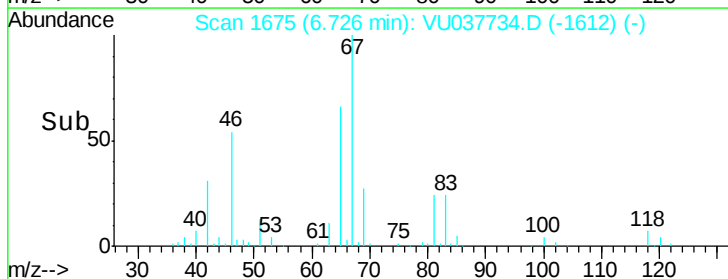
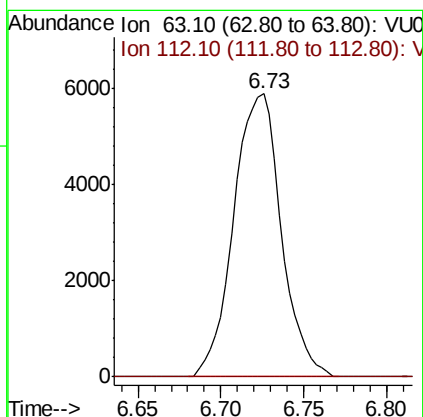
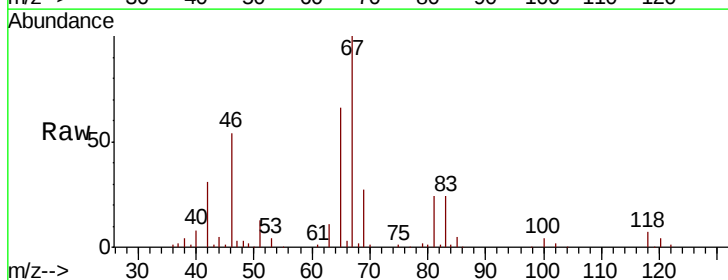
Instrument :
MSVOA_U
ClientSampleId :

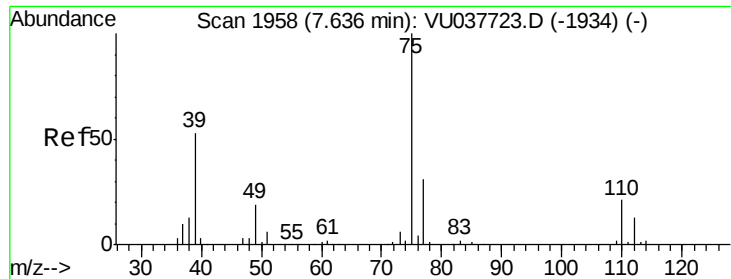
Tot Ion: 83 Resp: 24303
Ion Ratio Lower Upper
83 100
55 1.0 65.5 98.3#
98 0.8 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037734.D
Acq: 15 Apr 2020 15:29

Tgt Ion: 63 Resp: 11772
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

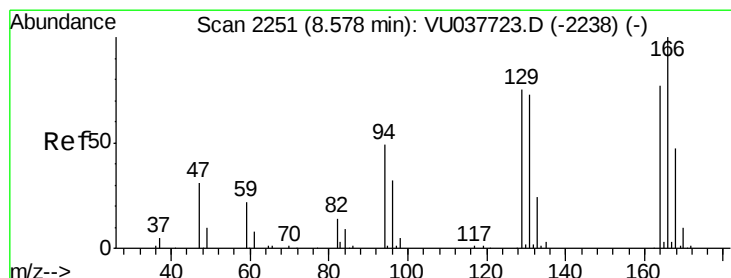
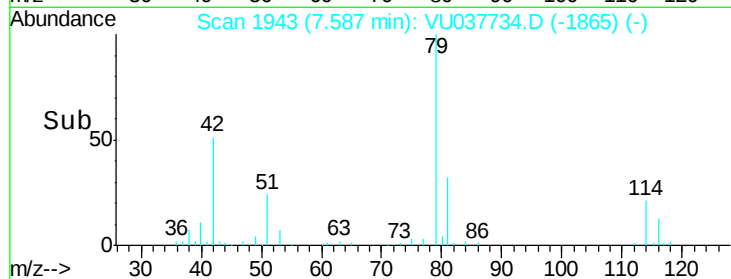
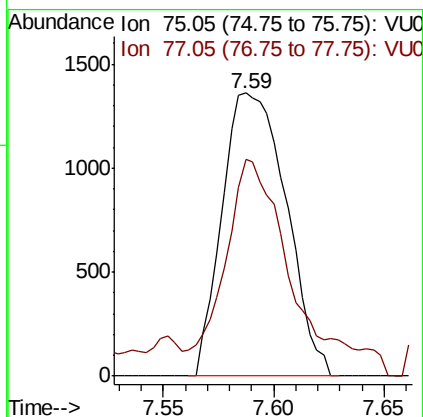
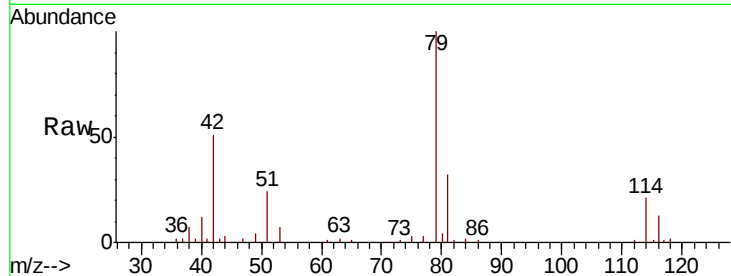




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037734.D
 Acq: 15 Apr 2020 15:29

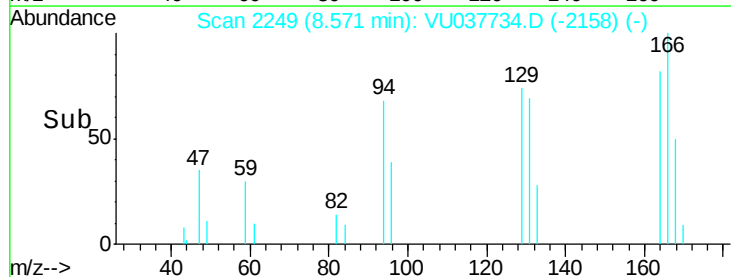
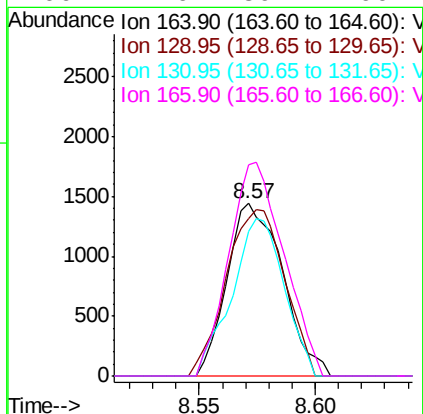
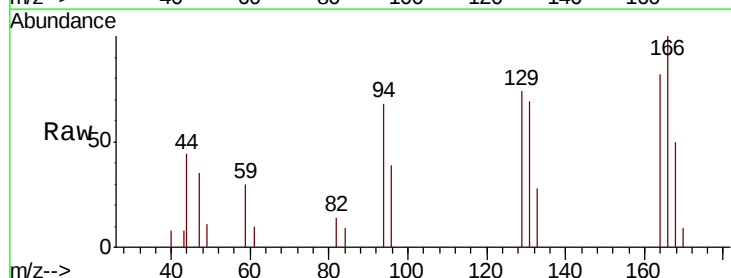
Instrument :
 MSVOA_U
 ClientSampleId :

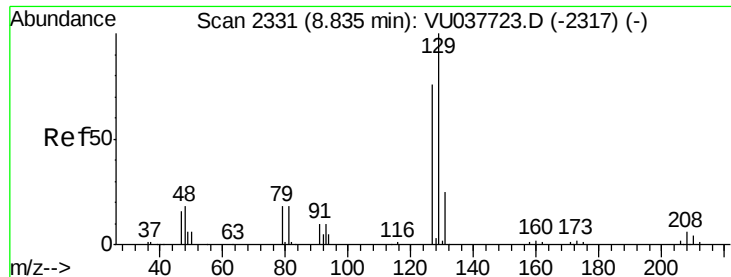
Tot Ion: 75 Resp: 2731
 Ion Ratio Lower Upper
 75 100
 77 76.5 22.2 41.2#



#47
 Tetrachloroethene
 Concen: 0.145 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: VU037734.D
 Acq: 15 Apr 2020 15:29

Tgt Ion:164 Resp: 2402
 Ion Ratio Lower Upper
 164 100
 129 91.3 68.1 126.5
 131 84.1 65.9 122.5
 166 122.6 89.7 166.7

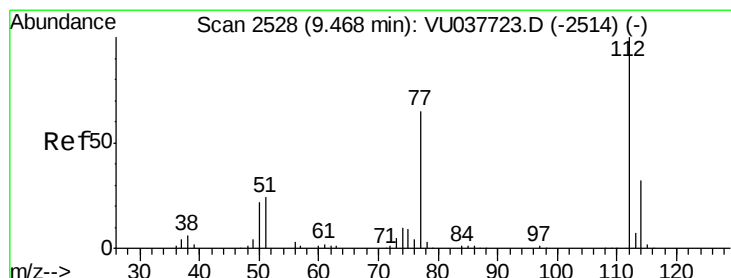
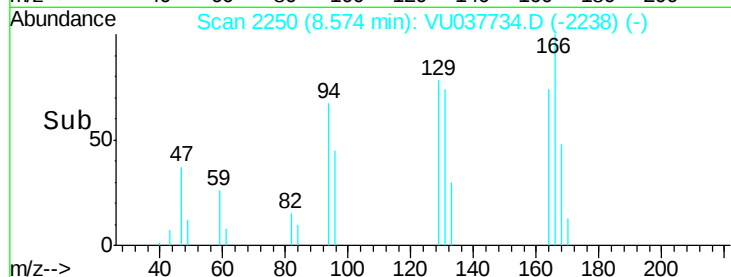
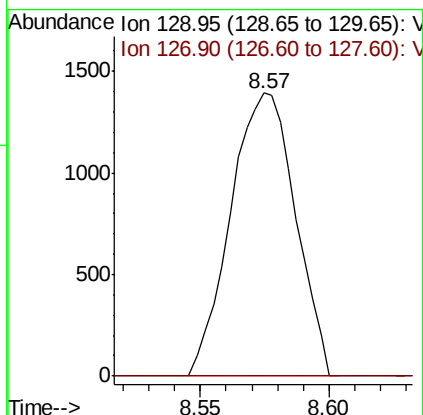
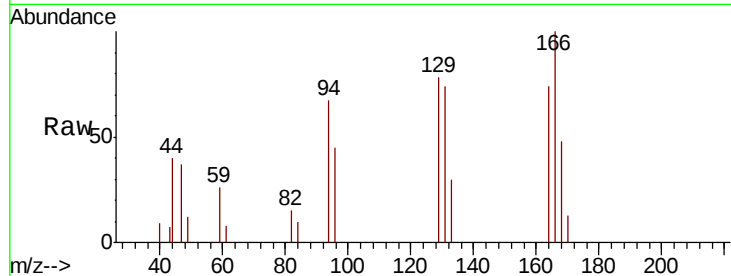




#49
Dibromochloromethane
Concen: 0.127 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU037734.D
Acq: 15 Apr 2020 15:29

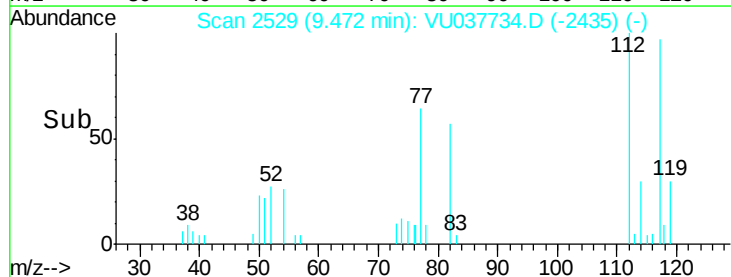
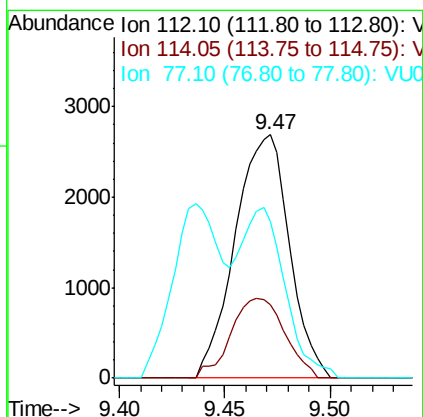
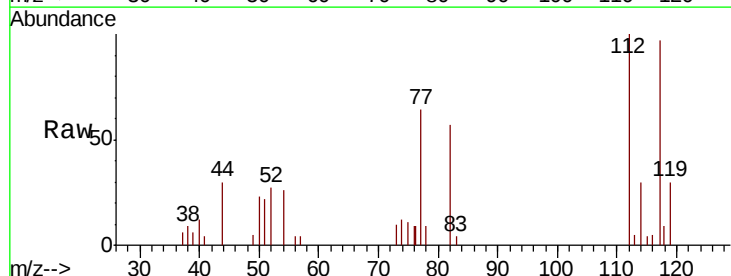
Instrument :
MSVOA_U
ClientSampled :

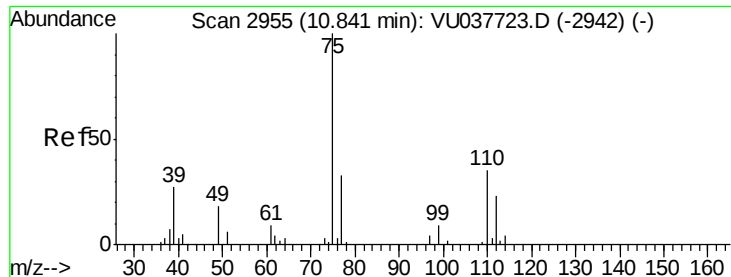
Tot Ion:129 Resp: 2433
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



#51
Chlorobenzene
Concen: 0.080 ug/L
RT: 9.47 min Scan# 2529
Delta R.T. 0.00 min
Lab File: VU037734.D
Acq: 15 Apr 2020 15:29

Tgt Ion:112 Resp: 4812
Ion Ratio Lower Upper
112 100
114 30.1 22.6 42.0
77 64.4 50.2 75.4





#59

1,2,3-Trichloropropane

Concen: 1.180 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037734.D

Acq: 15 Apr 2020 15:29

Instrument :

MSVOA_U

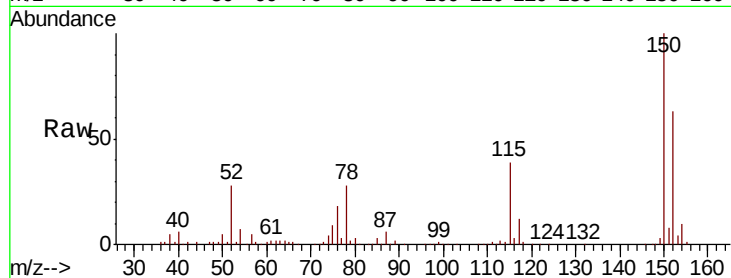
ClientSampleId :

Tot Ion: 75 Resp: 19194

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

