

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037514.D
 Acq On : 31 Mar 2020 22:50
 Operator : JC/MD
 Sample : L2065-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:29:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	90052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22171	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.93	69	21250	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.59	63	31355	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.66	46	91736	45.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	5.11	84	45469	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
26) 1,2-Dichloroethane-d4	5.74	65	26811	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	5.76	84	91714	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	6.72	67	32629	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.92	98	79488	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	8.20	79	13836	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.66	63	75938	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	28969	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	30576	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

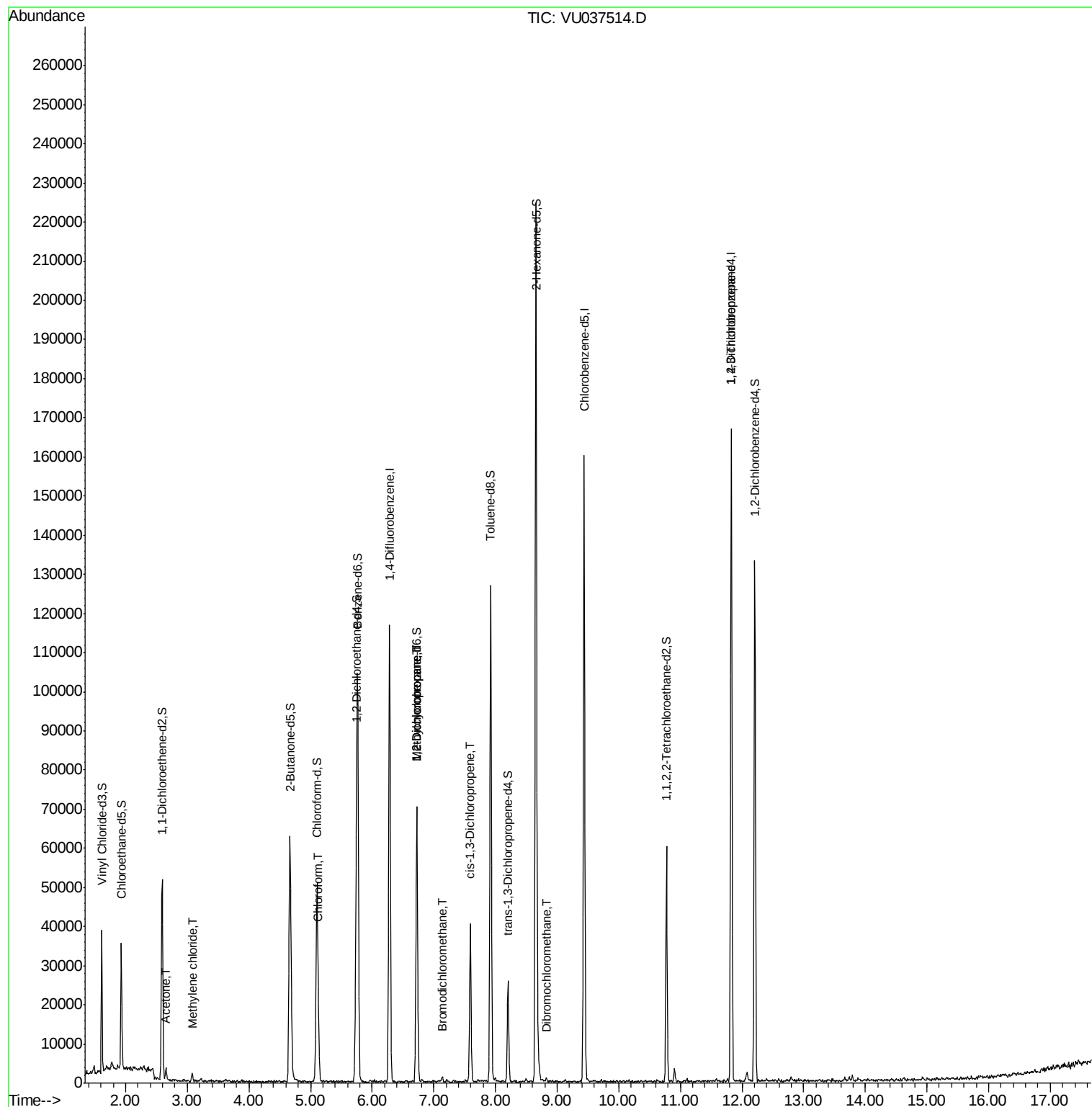
					Ovalue
13) Acetone	2.66	43	3697	3.224	ug/L 92
16) Methylene chloride	3.08	84	811	0.120	ug/L 85
25) Chloroform	5.13	83	6900	0.572	ug/L 99
35) Methylcyclohexane	6.72	83	7366	0.649	ug/L # 17
37) 1,2-Dichloropropane	6.73	63	3456	0.501	ug/L # 89
38) Bromodichloromethane	7.13	83	1126	0.123	ug/L # 96
39) cis-1,3-Dichloropropene	7.59	75	984	0.092	ug/L # 29
49) Dibromochloromethane	8.83	129	676	0.112	ug/L 83
59) 1,2,3-Trichloropropane	11.83	75	6010	1.266	ug/L 95

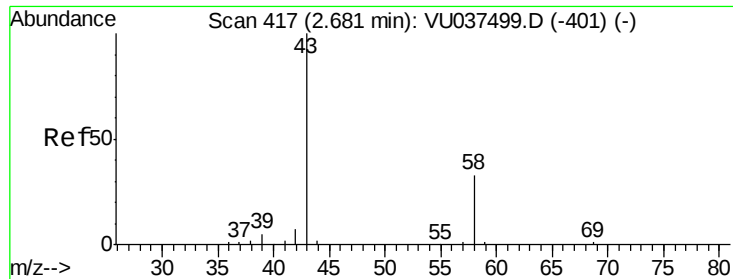
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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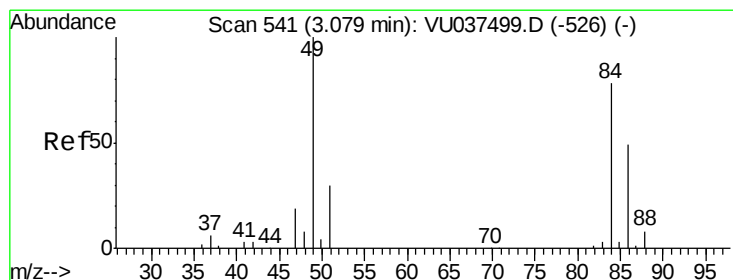
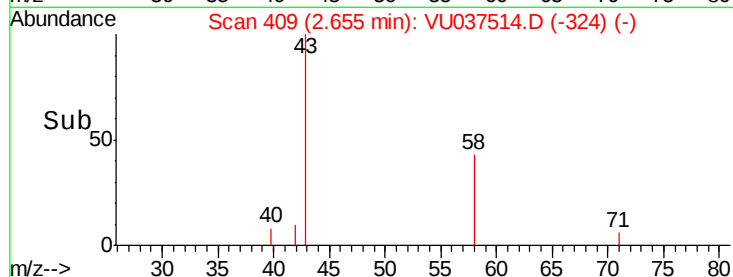
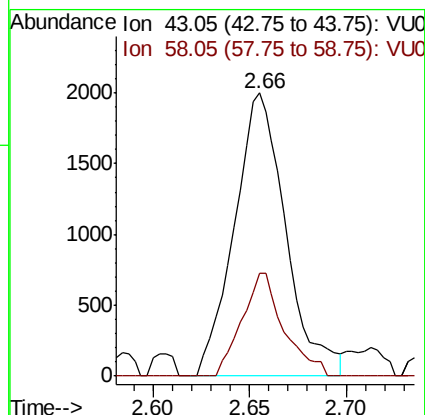
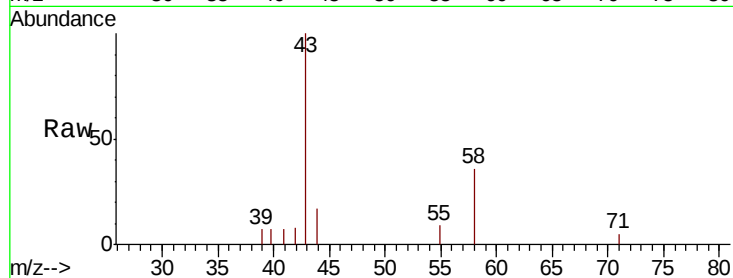




#13
Acetone
Concen: 3.224 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU037514.D
Acq: 31 Mar 2020 22:50

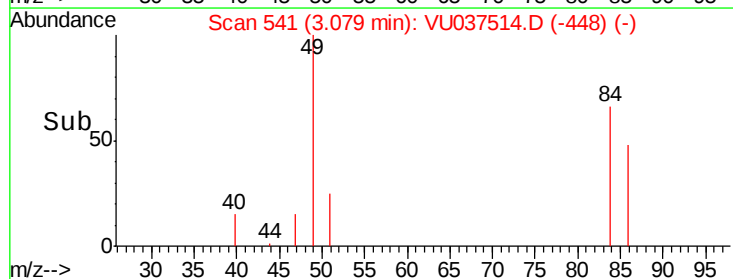
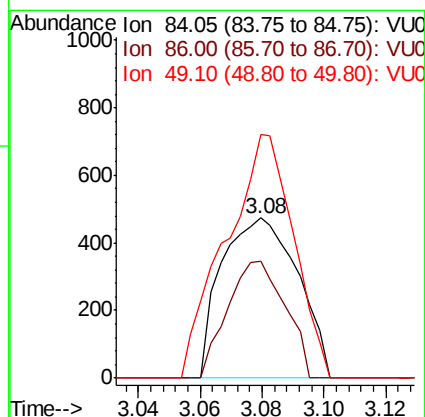
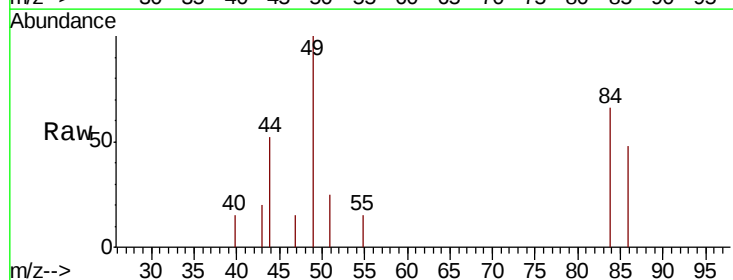
Instrument :
MSVOA_U
ClientSampleId :

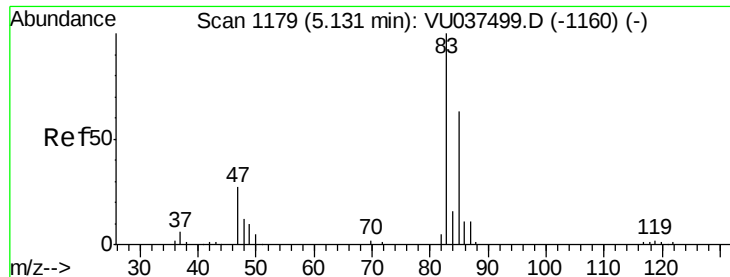
Tot Ion: 43 Resp: 3697
Ion Ratio Lower Upper
43 100
58 29.6 0.0 68.2



#16
Methylene chloride
Concen: 0.120 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037514.D
Acq: 31 Mar 2020 22:50

Tgt Ion: 84 Resp: 811
Ion Ratio Lower Upper
84 100
86 72.6 44.7 82.9
49 152.1 92.7 172.3

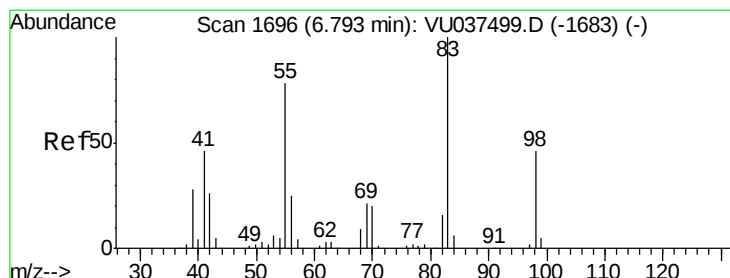
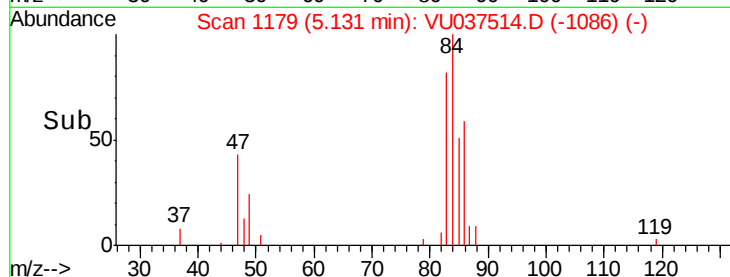
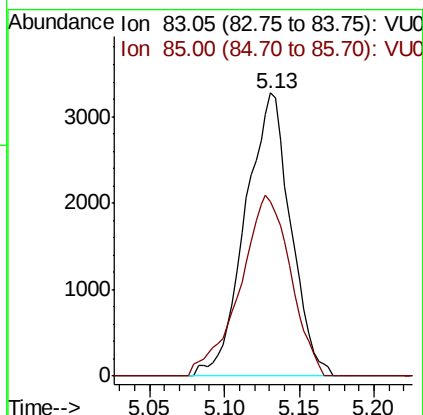
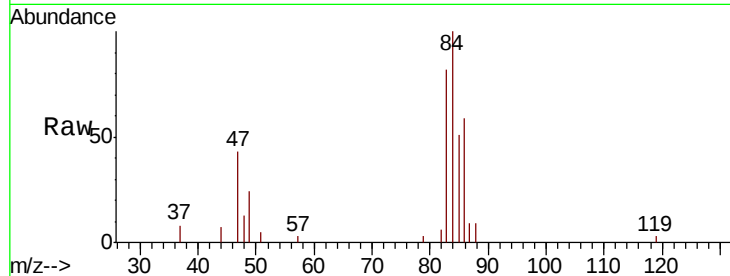




#25
Chloroform
Concen: 0.572 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037514.D
Acq: 31 Mar 2020 22:50

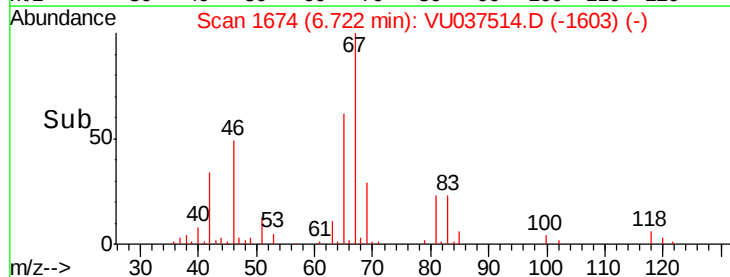
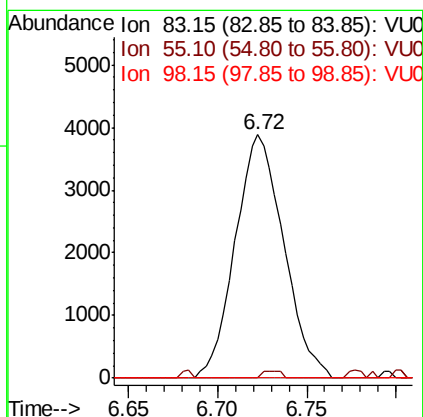
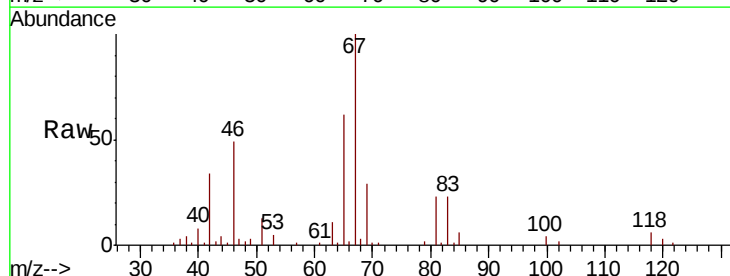
Instrument :
MSVOA_U
ClientSampleId :

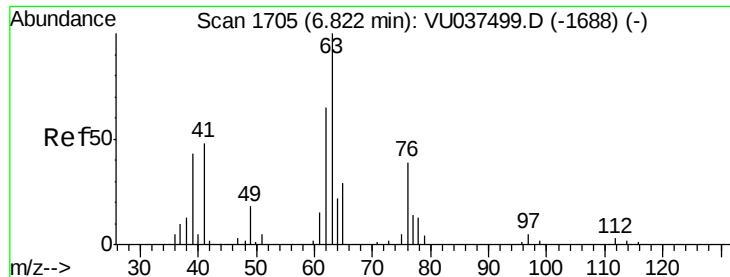
Tot Ion: 83 Resp: 6900
Ion Ratio Lower Upper
83 100
85 61.8 44.1 81.9



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037514.D
Acq: 31 Mar 2020 22:50

Tgt Ion: 83 Resp: 7366
Ion Ratio Lower Upper
83 100
55 1.1 64.4 96.6#
98 0.0 38.2 57.2#

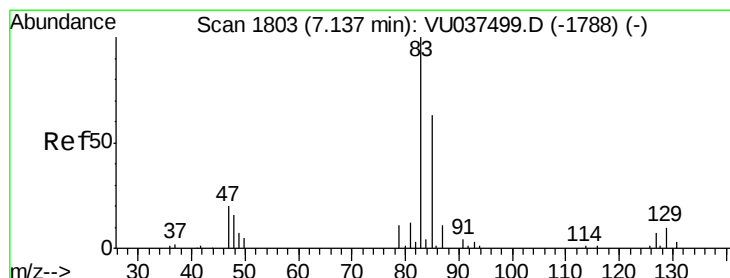
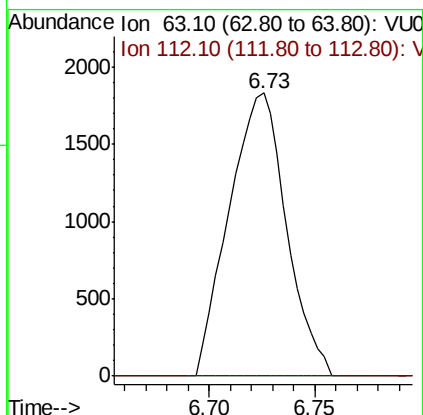
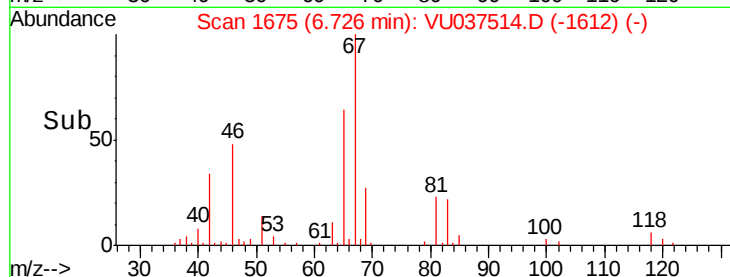
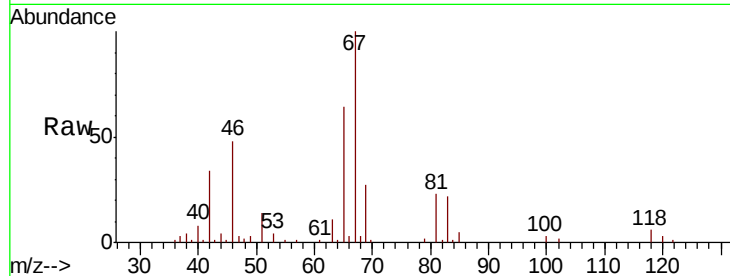




#37
 1,2-Dichloropropane
 Concen: 0.501 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037514.D
 Acq: 31 Mar 2020 22:50

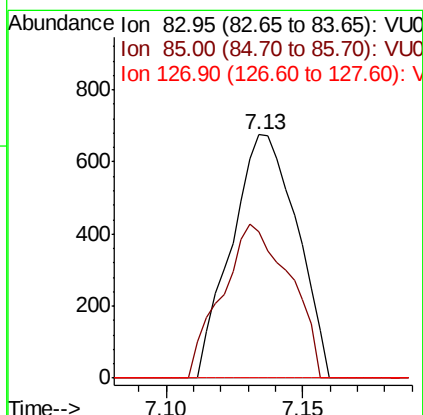
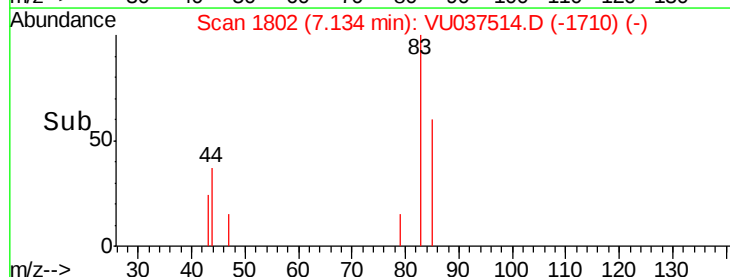
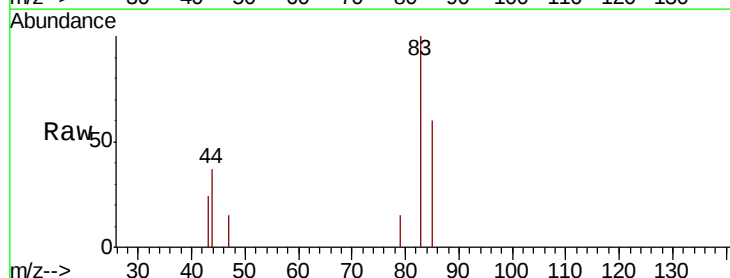
Instrument :
 MSVOA_U
 ClientSampleId :

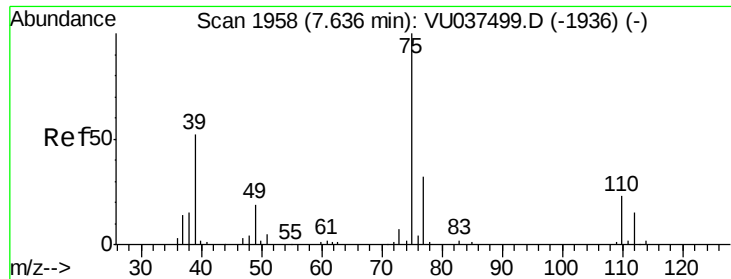
Tot Ion: 63 Resp: 3456
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#38
 Bromodichloromethane
 Concen: 0.123 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU037514.D
 Acq: 31 Mar 2020 22:50

Tgt Ion: 83 Resp: 1126
 Ion Ratio Lower Upper
 83 100
 85 60.4 42.7 79.3
 127 0.0 6.9 10.3#

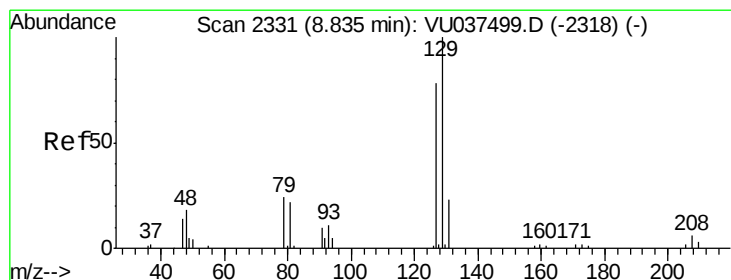
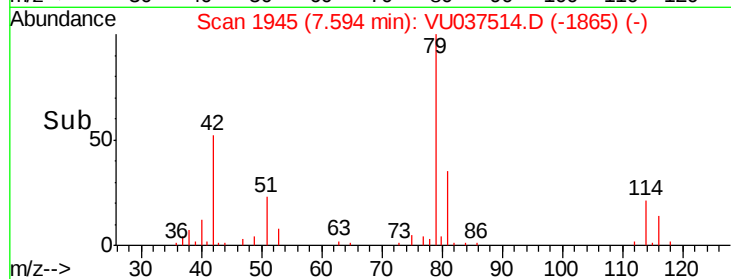
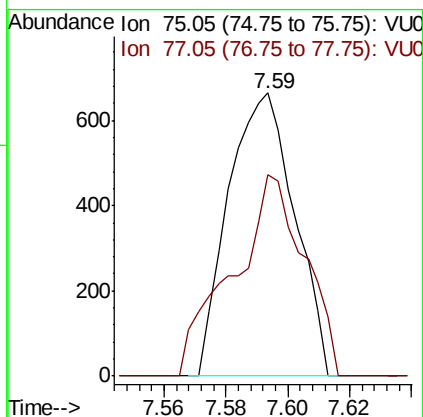
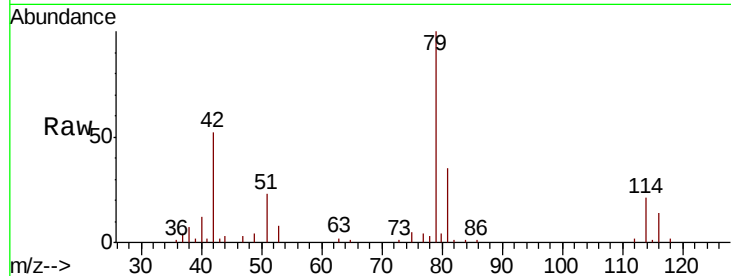




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037514.D
 Acq: 31 Mar 2020 22:50

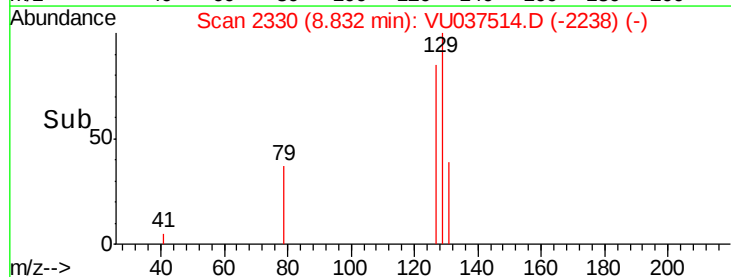
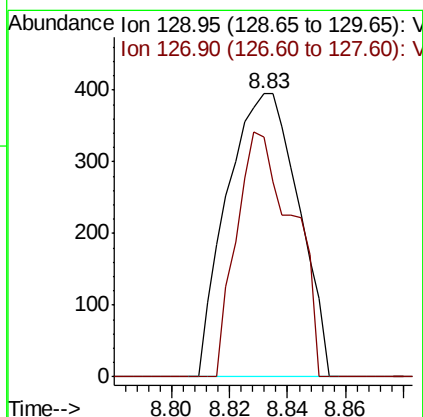
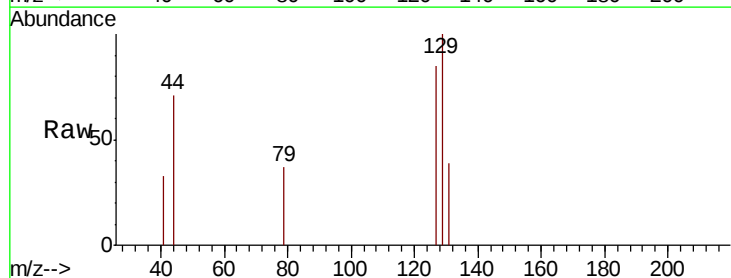
Instrument :
 MSVOA_U
 ClientSampleId :

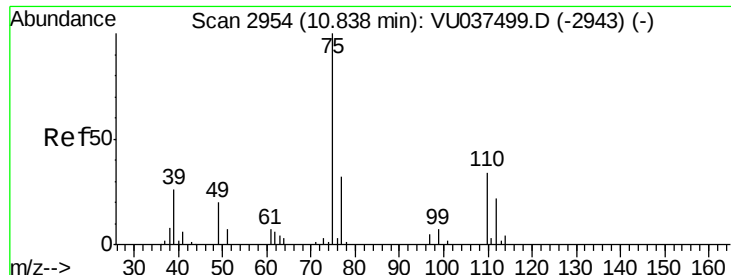
Tot Ion: 75 Resp: 984
 Ion Ratio Lower Upper
 75 100
 77 71.4 22.4 41.6#



#49
 Dibromochloromethane
 Concen: 0.112 ug/L
 RT: 8.83 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU037514.D
 Acq: 31 Mar 2020 22:50

Tgt Ion: 129 Resp: 676
 Ion Ratio Lower Upper
 129 100
 127 84.8 49.4 91.8





#59

1,2,3-Trichloropropane

Concen: 1.266 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037514.D

Acq: 31 Mar 2020 22:50

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6010

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

