

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036078.D
 Acq On : 10 Dec 2019 12:36
 Operator : JC/MD
 Sample : K6168-06DL 500X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 06:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	312253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	350913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140279	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	127753	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	156705	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.69	46	259514	54.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.44%
24) Chloroform-d	5.11	84	205773	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.75	65	118042	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.77	84	429660	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	137416	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	346723	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	49792	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.70	63	197384	48.86	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	116253	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	88529	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

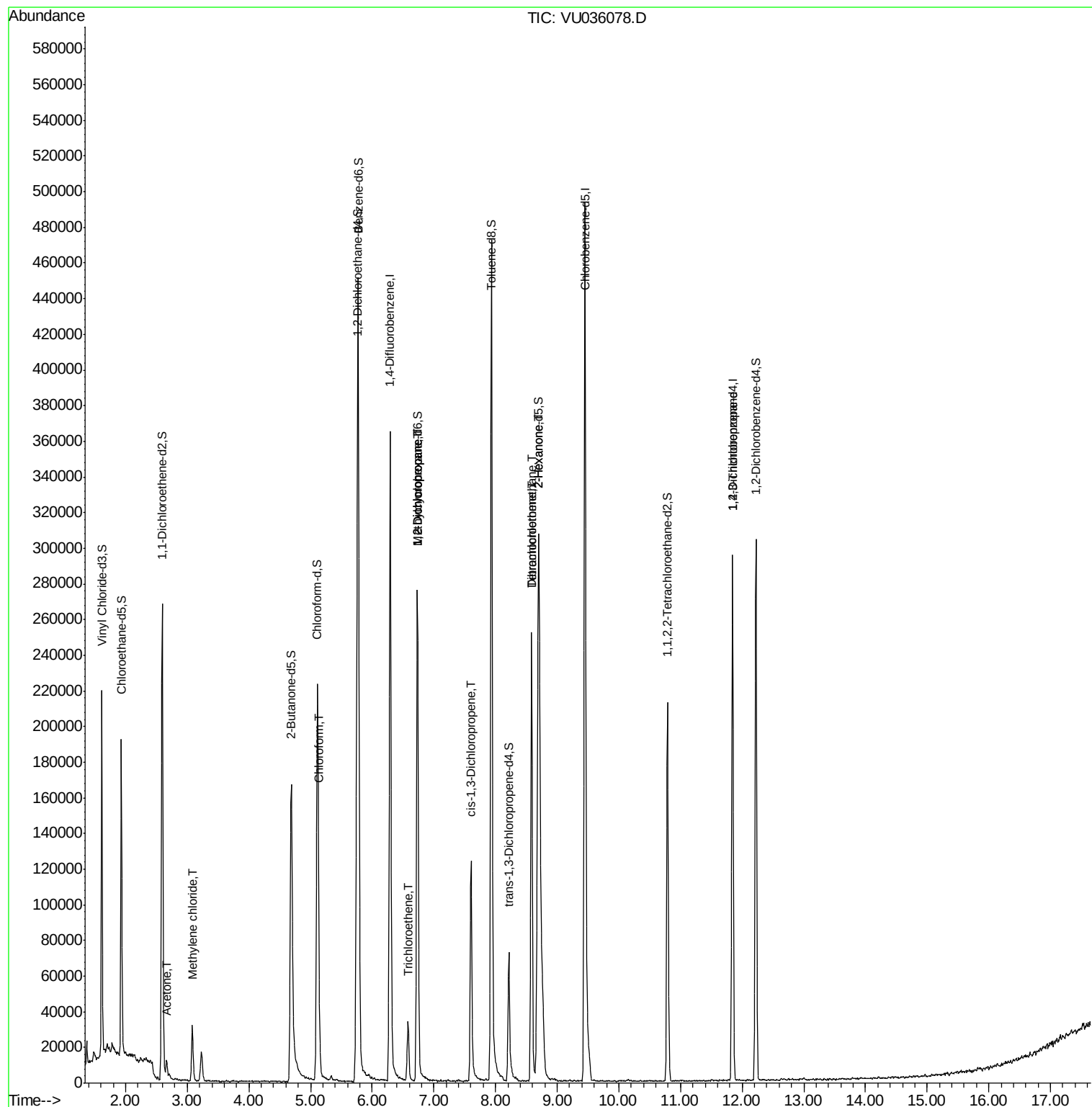
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	10953	1.819	ug/L	91
16) Methylene chloride	3.08	84	15276	0.484	ug/L	92
25) Chloroform	5.14	83	19063	0.411	ug/L	99
34) Trichloroethene	6.58	95	10907	0.428	ug/L	98
35) Methylcyclohexane	6.73	83	32165	0.941	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	14877	0.618	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3284	0.100	ug/L #	57
47) Tetrachloroethene	8.58	164	64577	2.667	ug/L	94
48) 2-Hexanone	8.70	43	20464	2.270	ug/L #	65
49) Dibromochloromethane	8.58	129	56848	2.261	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9267	0.539	ug/L #	88

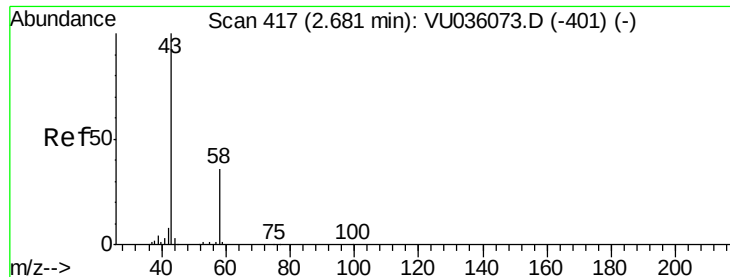
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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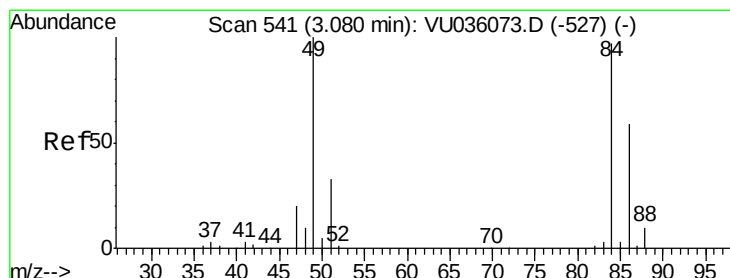
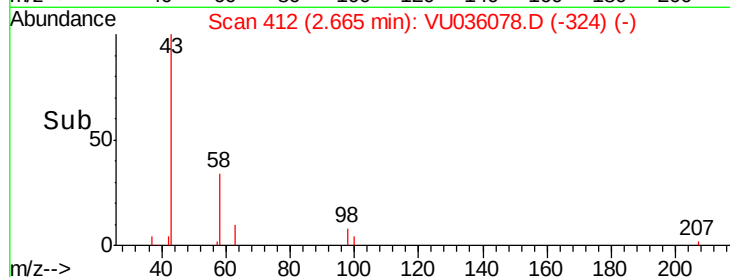
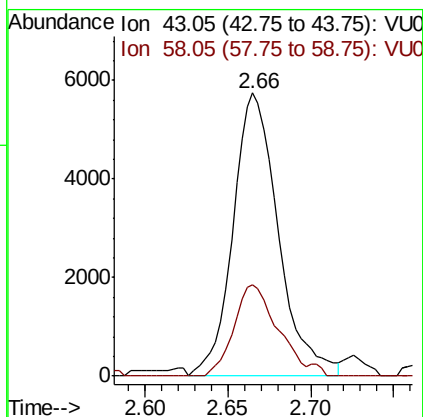
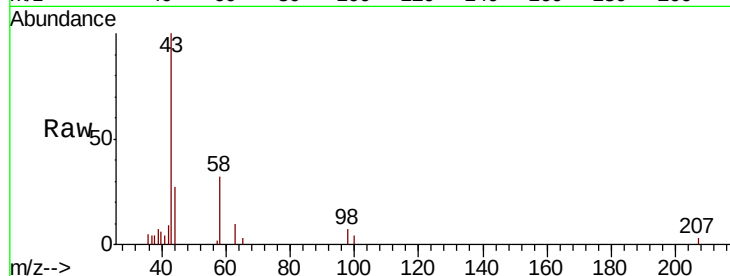




#13
Acetone
Concen: 1.819 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

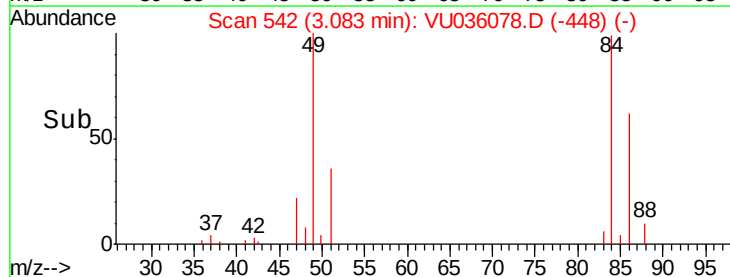
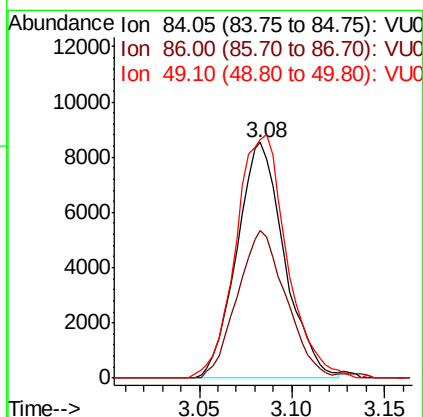
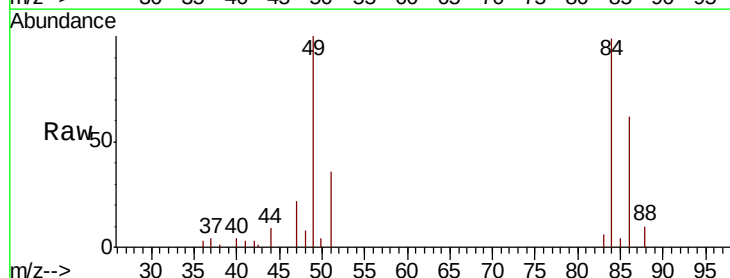
Instrument :
MSVOA_U
ClientSampleId :

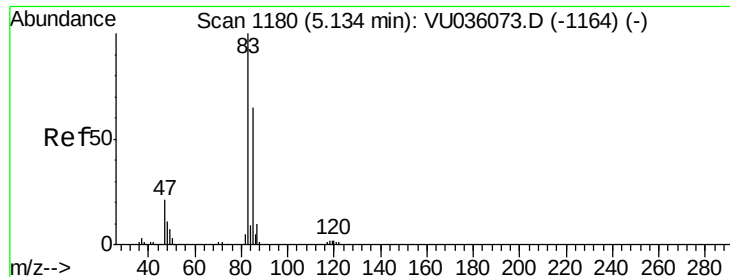
Tot Ion: 43 Resp: 10953
Ion Ratio Lower Upper
43 100
58 31.6 0.0 74.2



#16
Methylene chloride
Concen: 0.484 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 84 Resp: 15276
Ion Ratio Lower Upper
84 100
86 62.5 47.5 88.3
49 101.0 76.9 142.9





#25

Chloroform

Concen: 0.411 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036078.D

Acq: 10 Dec 2019 12:36

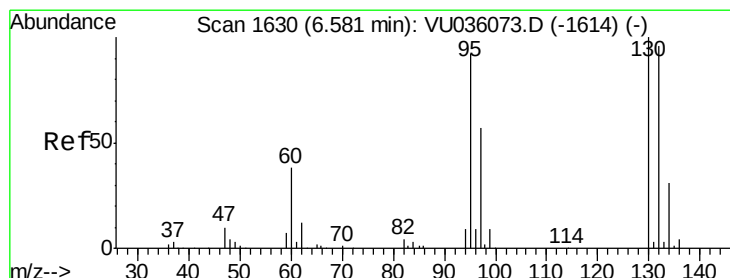
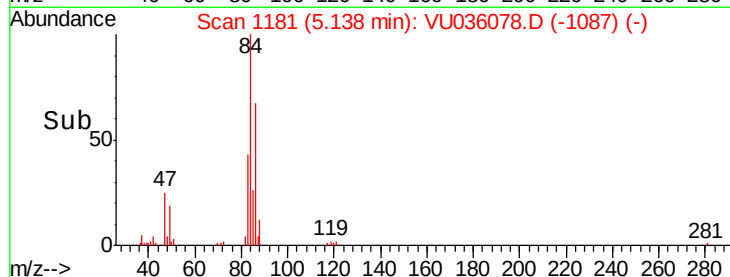
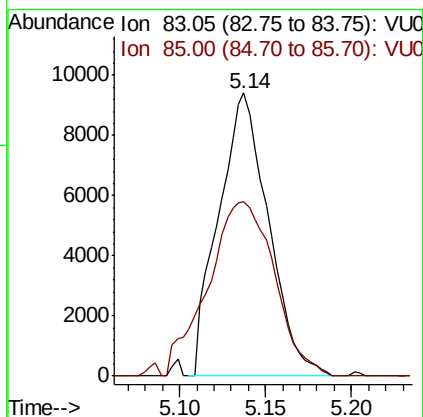
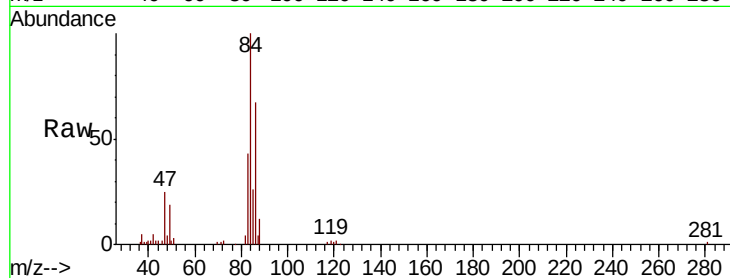
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 19063

Ion Ratio Lower Upper

83 100

85 61.6 43.9 81.5



#34

Trichloroethene

Concen: 0.428 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036078.D

Acq: 10 Dec 2019 12:36

Tgt Ion: 95 Resp: 10907

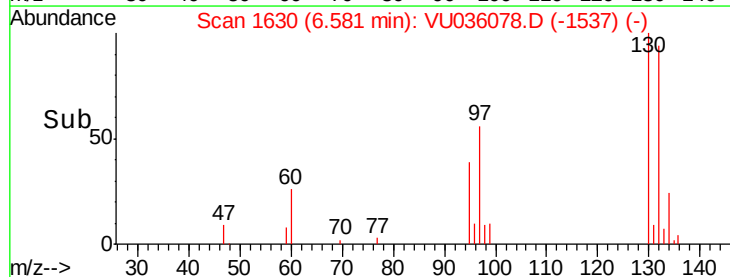
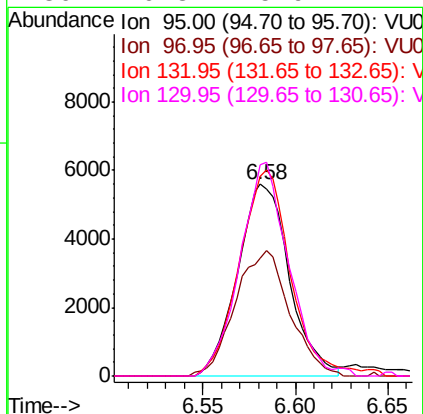
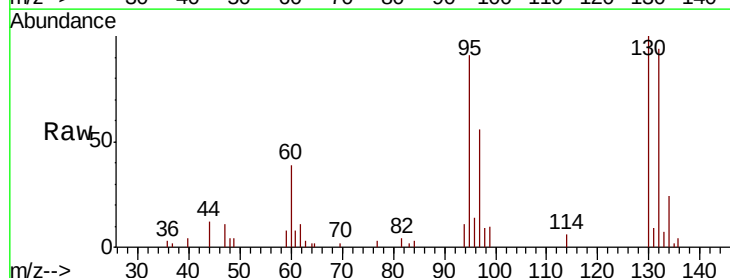
Ion Ratio Lower Upper

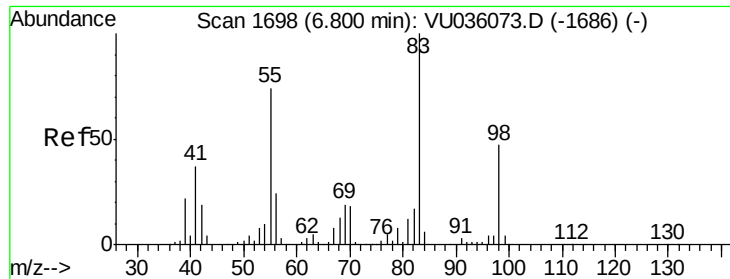
95 100

97 61.6 44.4 82.4

132 103.9 73.4 136.4

130 110.3 75.9 141.1

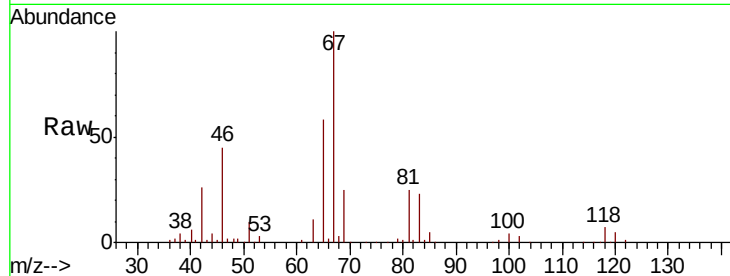




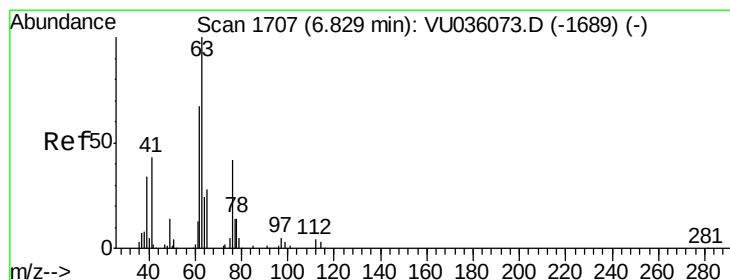
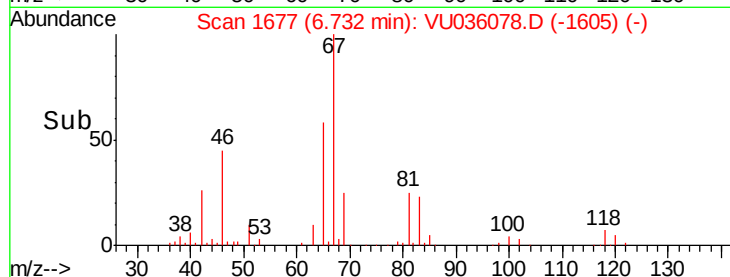
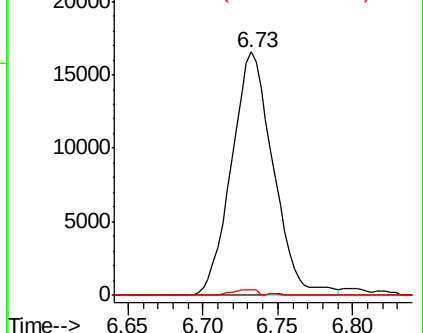
#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	1.4	37.0	55.4#

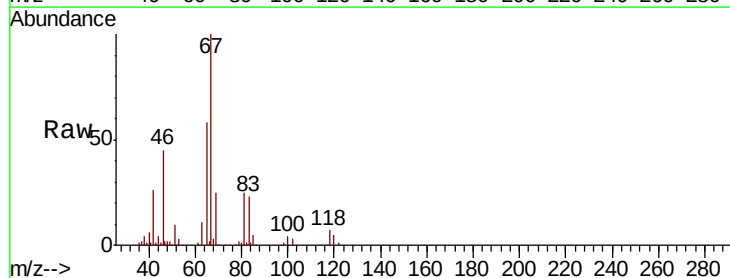


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

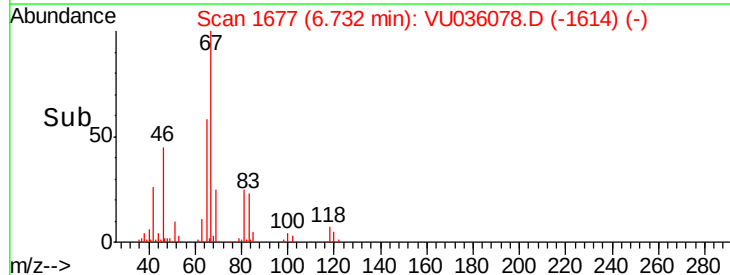
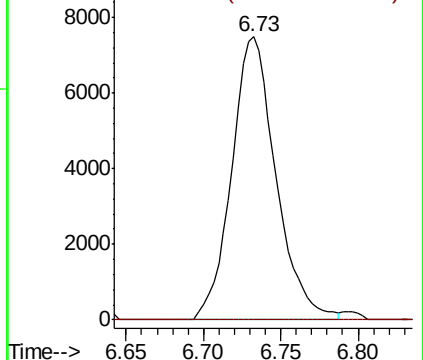


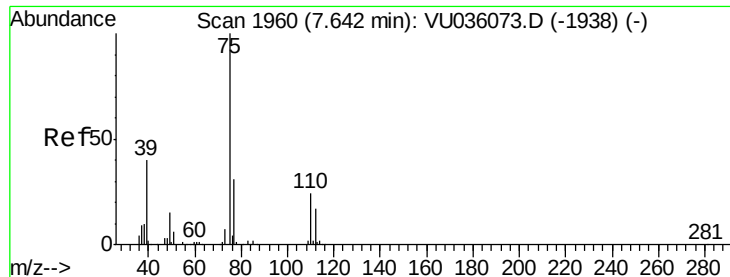
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

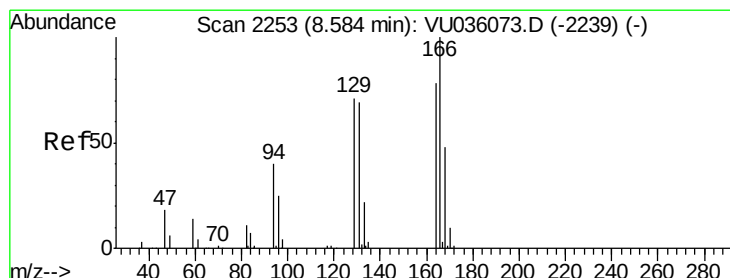
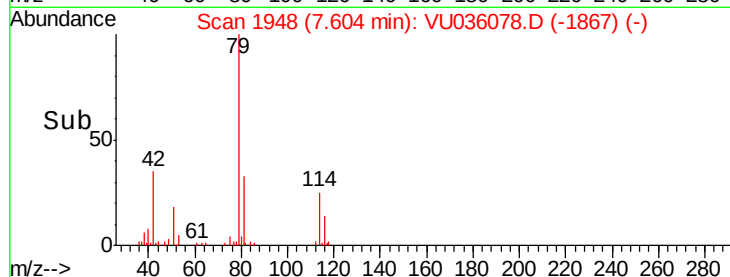
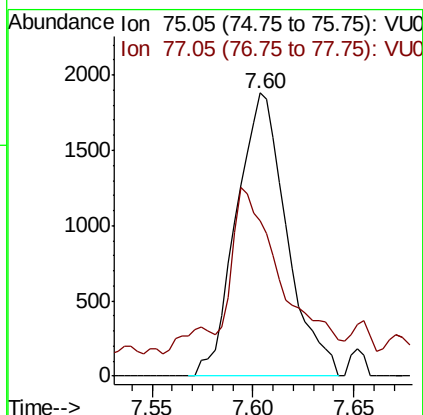
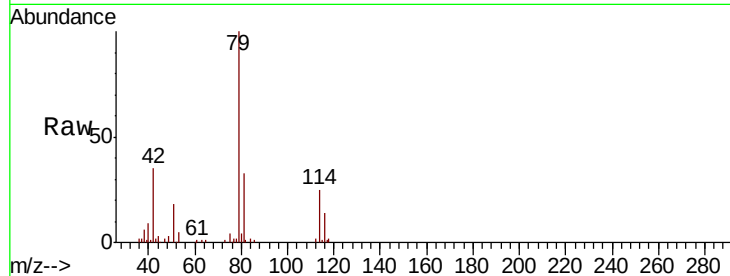




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036078.D
 Acq: 10 Dec 2019 12:36

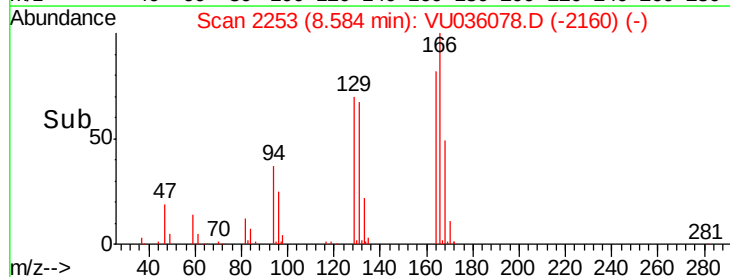
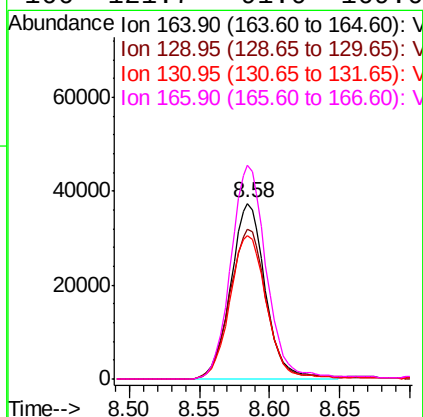
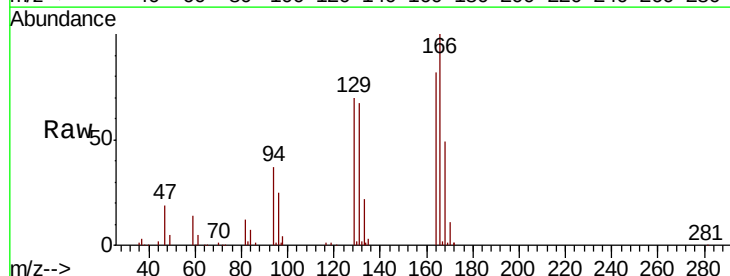
Instrument :
 MSVOA_U
 ClientSampleId :

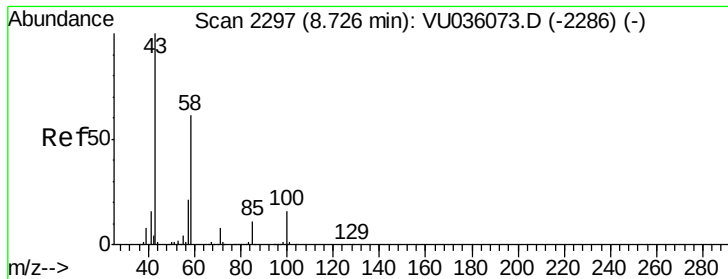
Tot Ion: 75 Resp: 3284
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.7 40.3#



#47
 Tetrachloroethene
 Concen: 2.667 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036078.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 164 Resp: 64577
 Ion Ratio Lower Upper
 164 100
 129 85.2 63.1 117.3
 131 82.0 61.5 114.1
 166 121.7 91.0 169.0

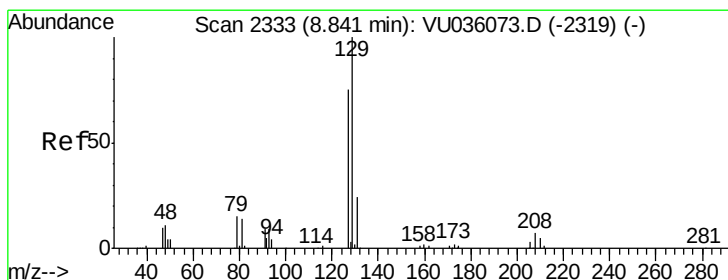
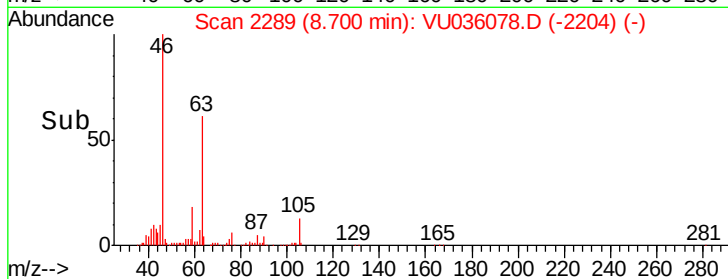
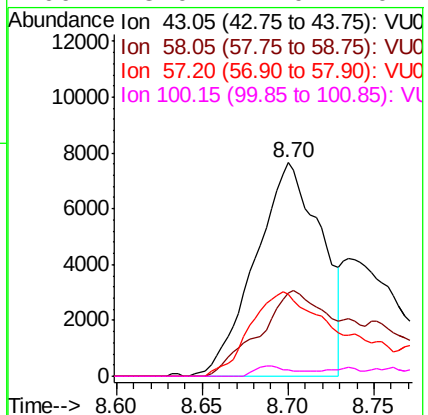
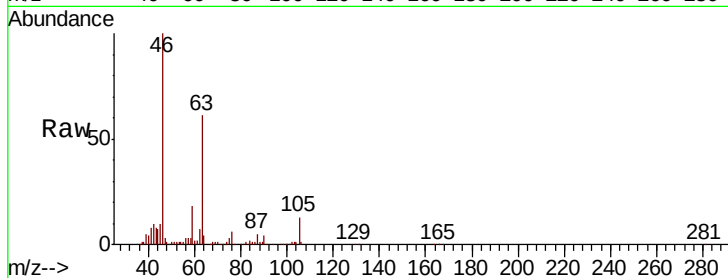




#48
2-Hexanone
Concen: 2.270 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

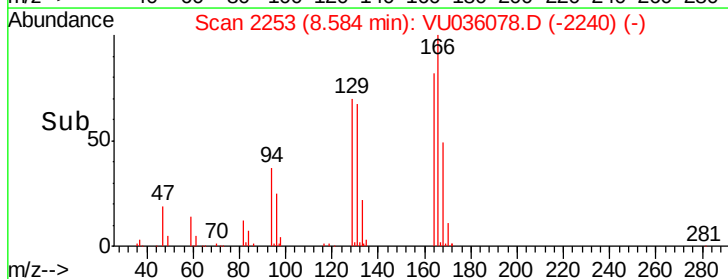
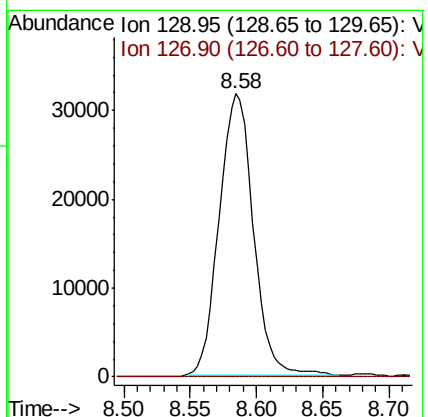
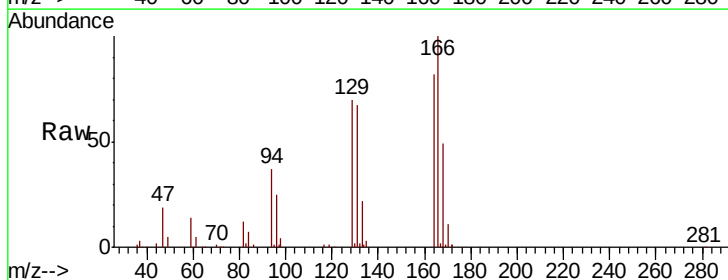
Instrument :
MSVOA_U
ClientSampleId :

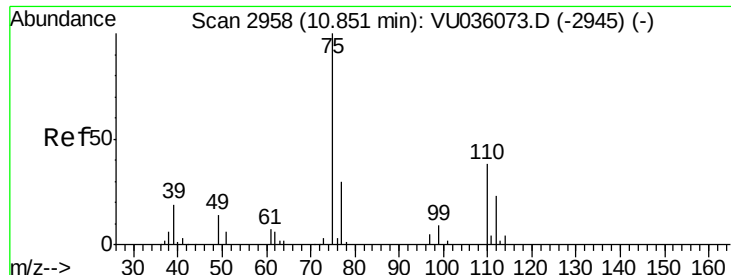
Tot Ion: 43 Resp: 20464
Ion Ratio Lower Upper
43 100
58 40.6 46.9 70.3#
57 53.7 16.4 24.6#
100 3.0 11.0 16.4#



#49
Dibromochloromethane
Concen: 2.261 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036078.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 129 Resp: 56848
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#59

1,2,3-Trichloropropane

Concen: 0.539 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU036078.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9267

Ion Ratio Lower Upper

75 100

77 40.1 26.7 40.1#

