

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036118.D
 Acq On : 11 Dec 2019 06:13
 Operator : JC/MD
 Sample : K6214-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:35:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	280429	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	317765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119155	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	113474	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	127524	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.69	46	236307	55.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.96%
24) Chloroform-d	5.11	84	197695	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.75	65	103599	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	359089	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.73	67	122021	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	289702	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	42020	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.68	63	178168	48.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107605	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	76268	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

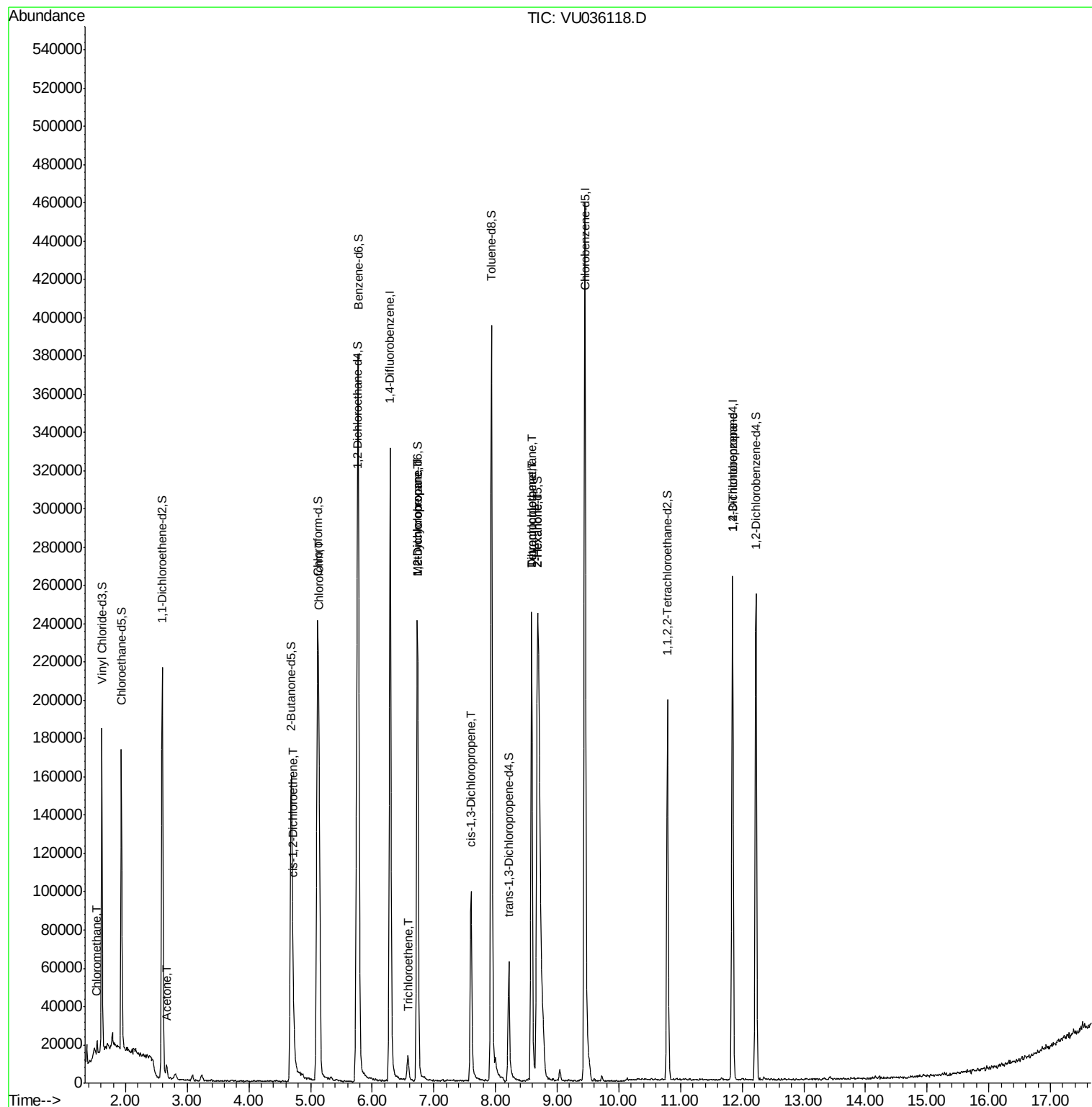
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	5596	0.208	ug/L	95
13) Acetone	2.66	43	6757	1.250	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	11822	0.541	ug/L	92
25) Chloroform	5.14	83	121175	2.909	ug/L	98
34) Trichloroethene	6.58	95	4029	0.175	ug/L	94
35) Methylcyclohexane	6.74	83	27553	0.891	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12732	0.584	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2536	0.086	ug/L #	70
47) Tetrachloroethene	8.58	164	63077	2.877	ug/L	95
48) 2-Hexanone	8.68	43	9729	1.192	ug/L #	69
49) Dibromochloromethane	8.58	129	55278	2.428	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	8396	0.539	ug/L #	86

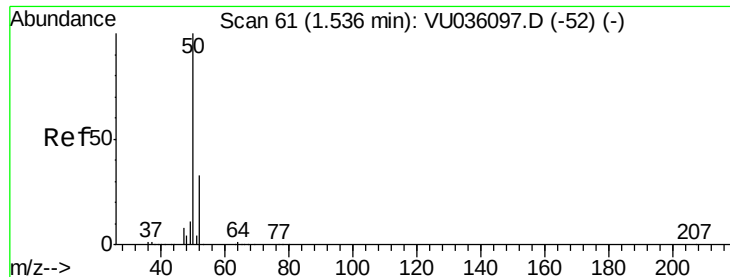
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
Data File : VU036118.D
Acq On : 11 Dec 2019 06:13
Operator : JC/MD
Sample : K6214-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 11 07:35:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :

MSVOA_U

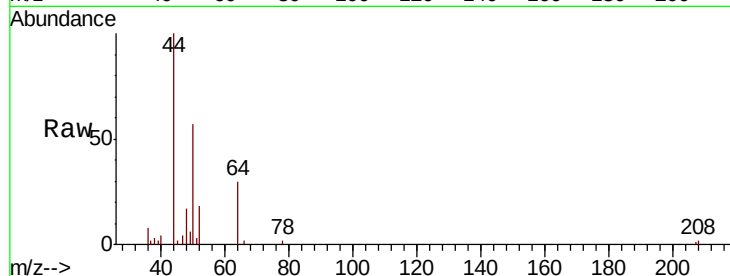
ClientSampled :

Tot Ion: 50 Resp: 5596

Ion Ratio Lower Upper

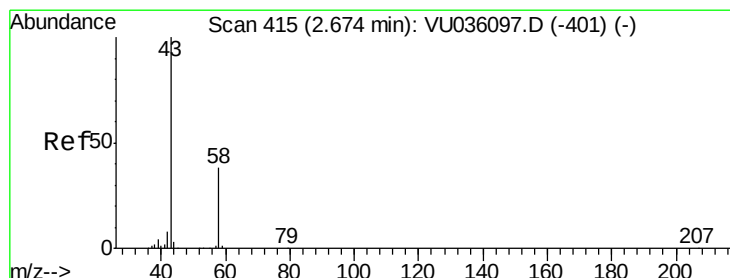
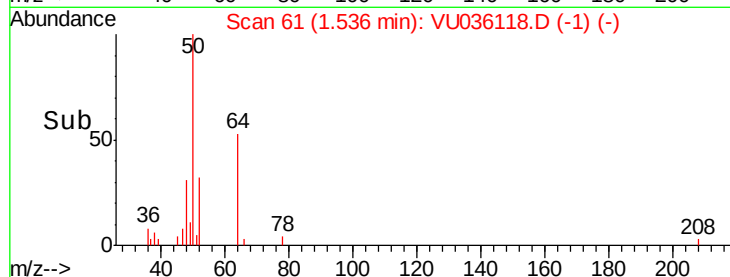
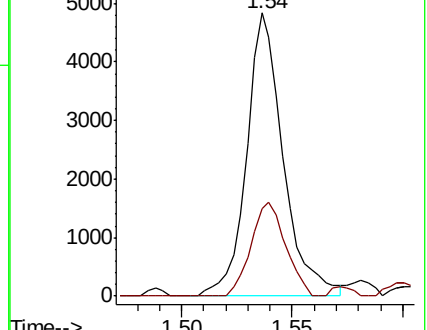
50 100

52 30.8 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036118.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU036118.D (-1) (-)



#13

Acetone

Concen: 1.250 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036118.D

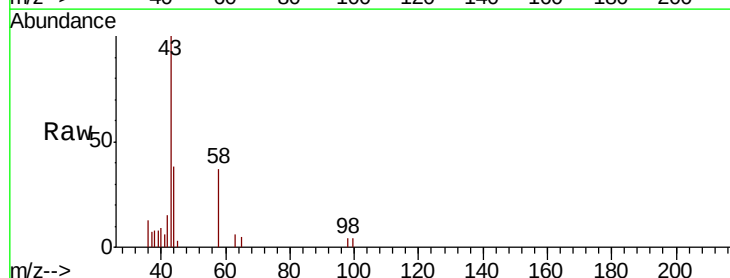
Acq: 11 Dec 2019 06:13

Tgt Ion: 43 Resp: 6757

Ion Ratio Lower Upper

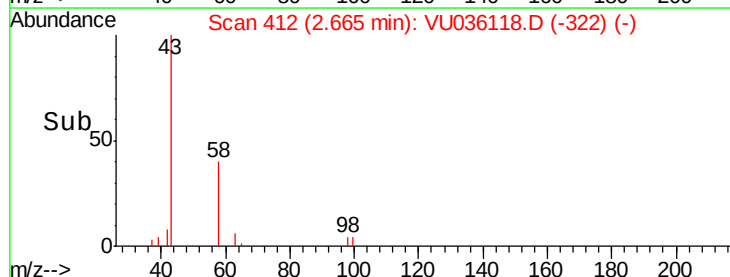
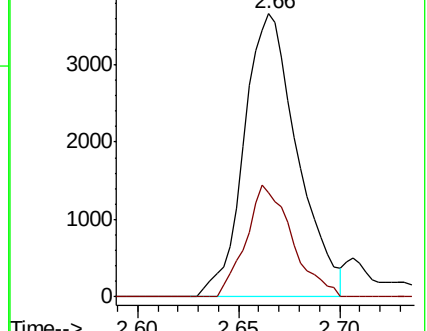
43 100

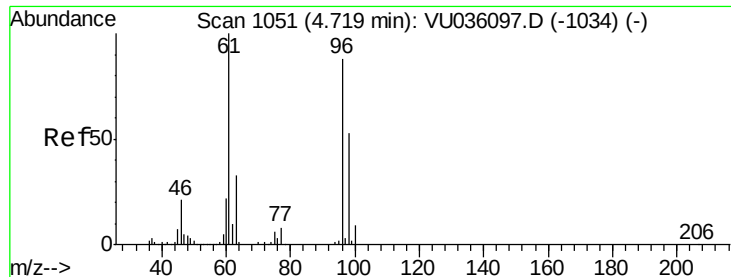
58 34.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036118.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036118.D (-322) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.541 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :
MSVOA_U
ClientSampleId :

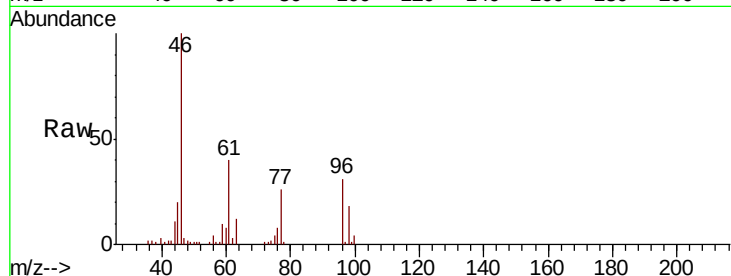
Tot Ion: 96 Resp: 11822

Ion Ratio Lower Upper

96 100

61 127.8 83.0 154.2

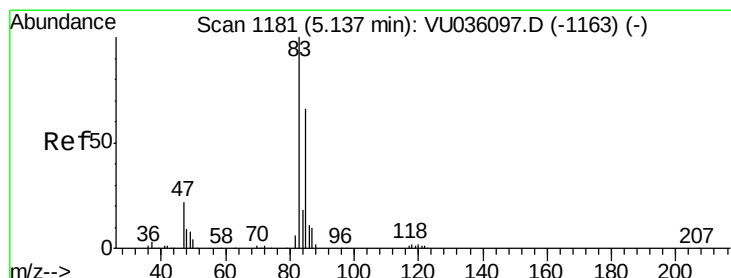
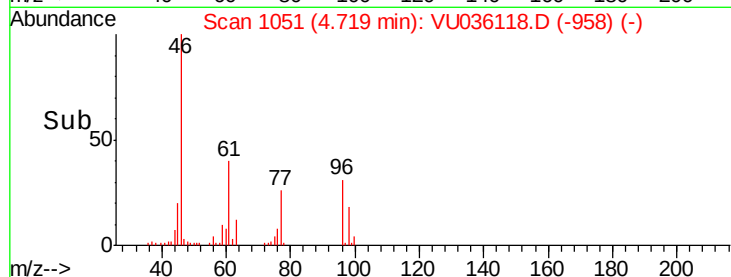
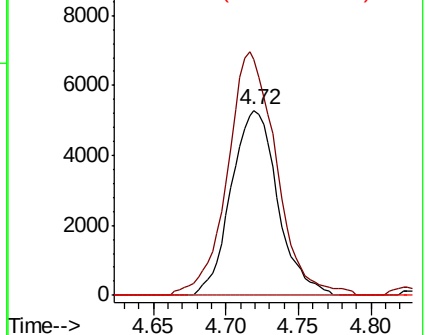
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036118.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU036118.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU036118.D (-958) (-)



#25

Chloroform

Concen: 2.909 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036118.D

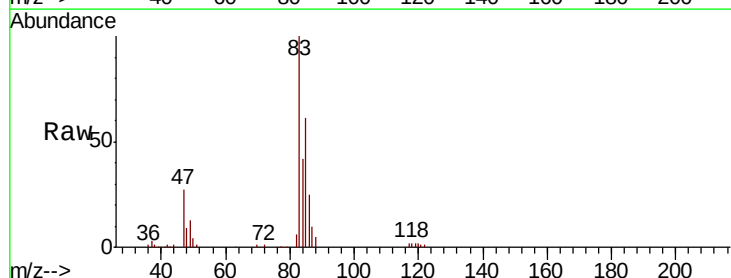
Acq: 11 Dec 2019 06:13

Tgt Ion: 83 Resp: 121175

Ion Ratio Lower Upper

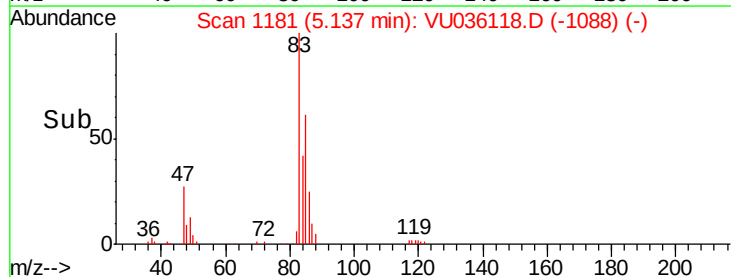
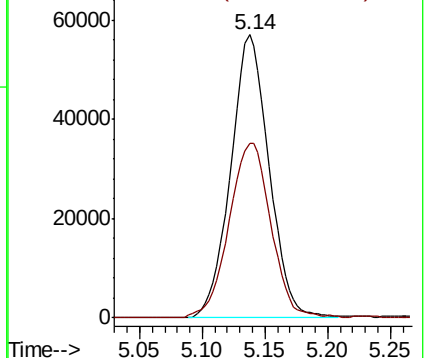
83 100

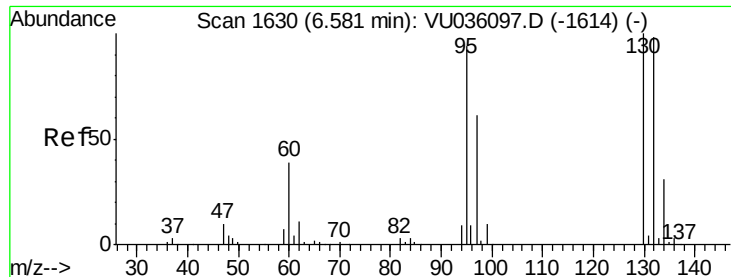
85 61.5 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036118.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036118.D (-1088) (-)

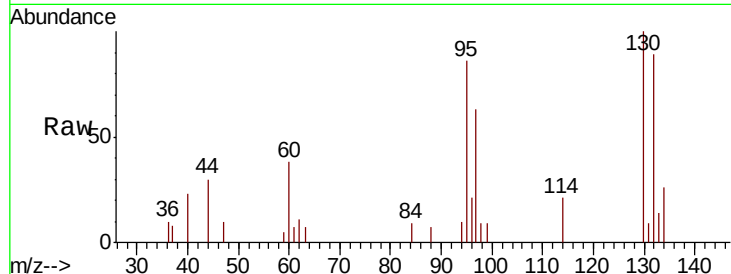




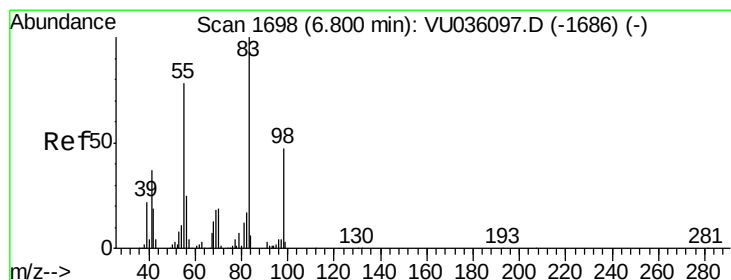
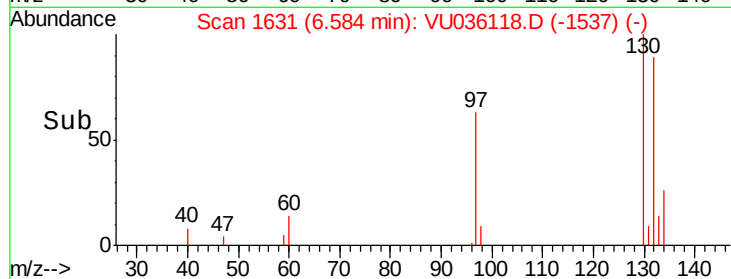
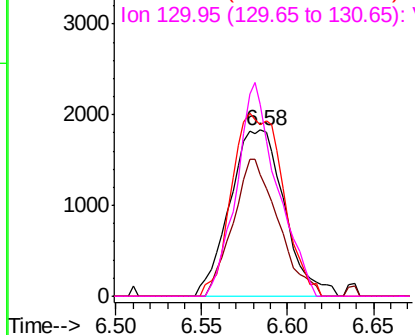
#34
 Trichloroethene
 Concen: 0.175 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU036118.D
 Acq: 11 Dec 2019 06:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 4029
 Ion Ratio Lower Upper
 95 100
 97 73.3 44.4 82.4
 132 103.1 73.4 136.4
 130 116.0 75.9 141.1

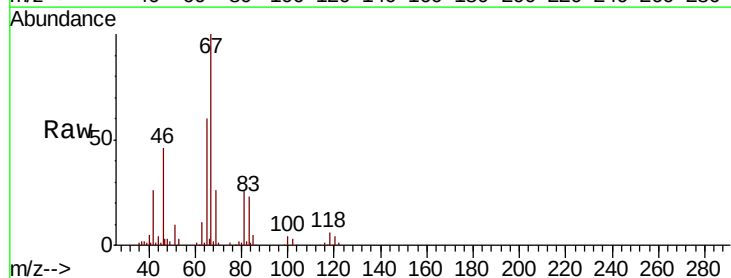


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

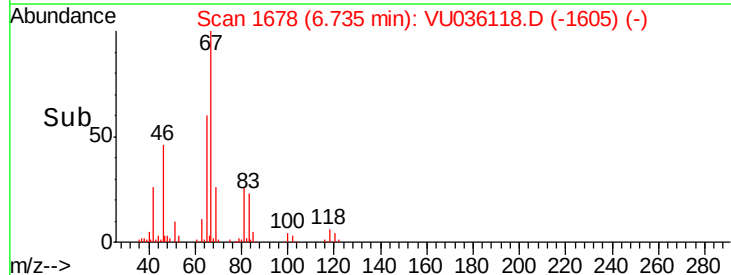
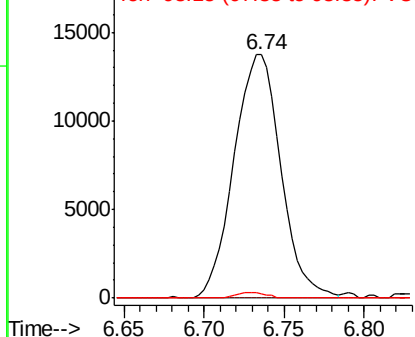


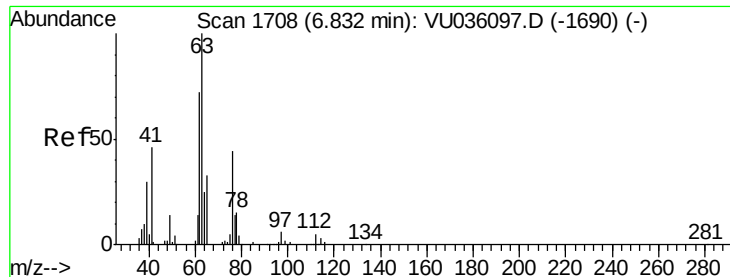
#35
 Methylcyclohexane
 Concen: 0.891 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU036118.D
 Acq: 11 Dec 2019 06:13

Tgt Ion: 83 Resp: 27553
 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

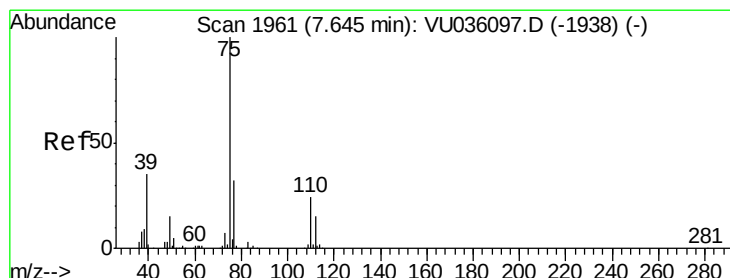
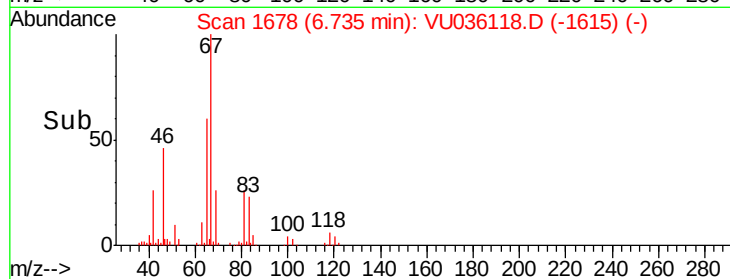
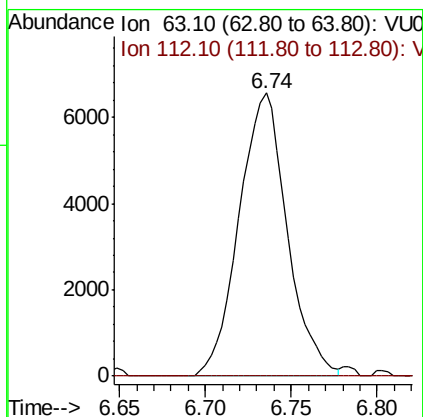
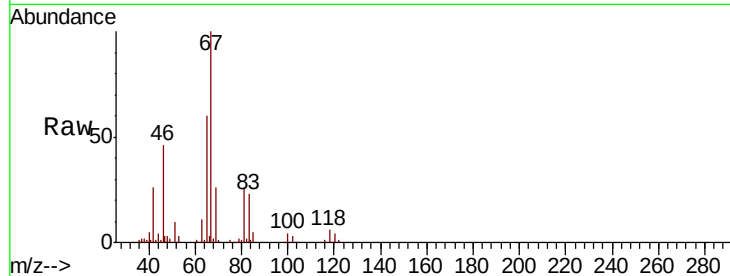




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU036118.D
 Acq: 11 Dec 2019 06:13

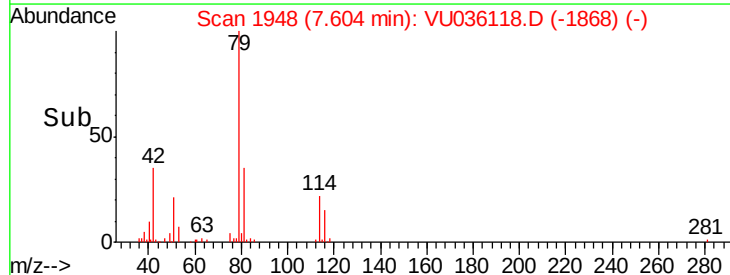
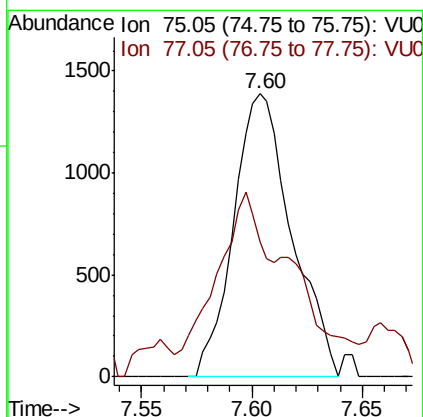
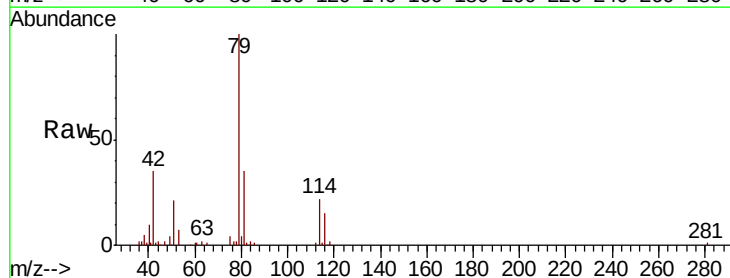
Instrument :
 MSVOA_U
 ClientSampleId :

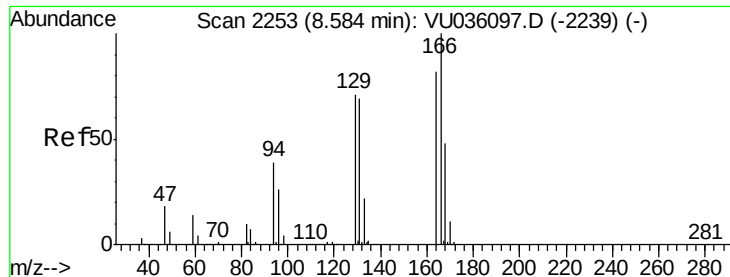
Tot Ion: 63 Resp: 12732
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036118.D
 Acq: 11 Dec 2019 06:13

Tgt Ion: 75 Resp: 2536
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.7 40.3#

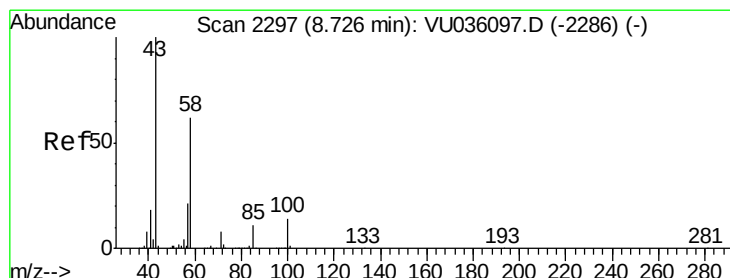
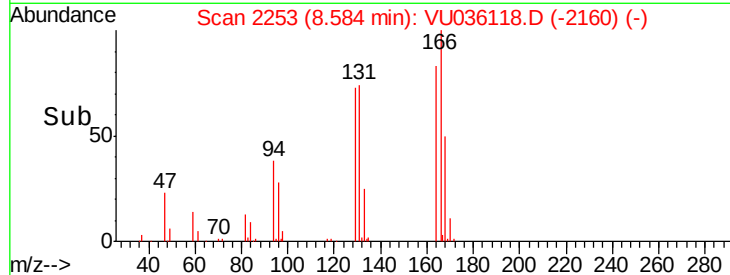
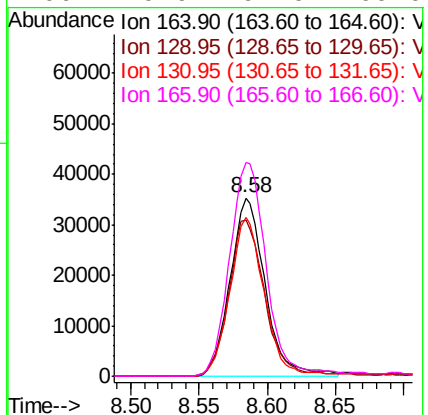
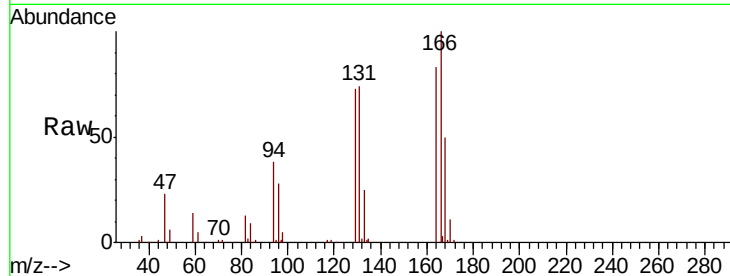




#47
Tetrachloroethene
Concen: 2.877 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036118.D
Acq: 11 Dec 2019 06:13

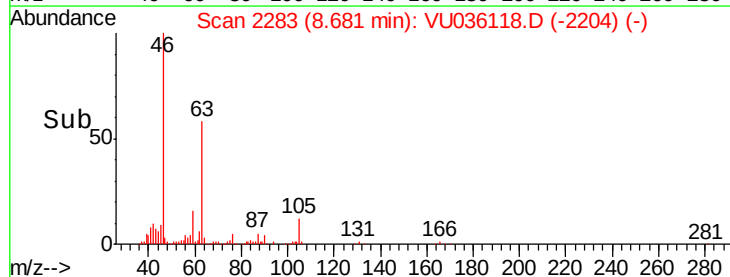
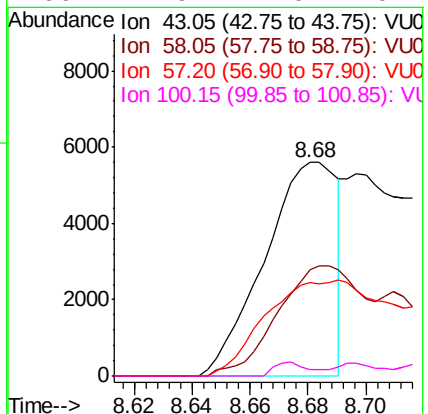
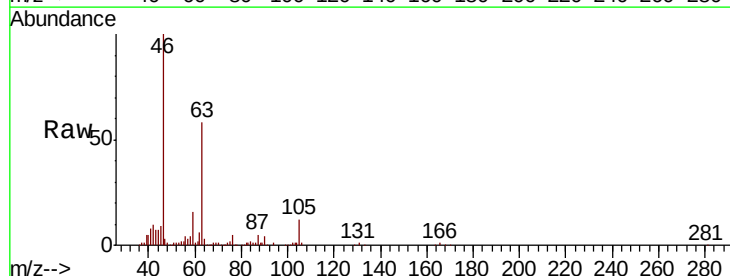
Instrument :
MSVOA_U
ClientSampleId :

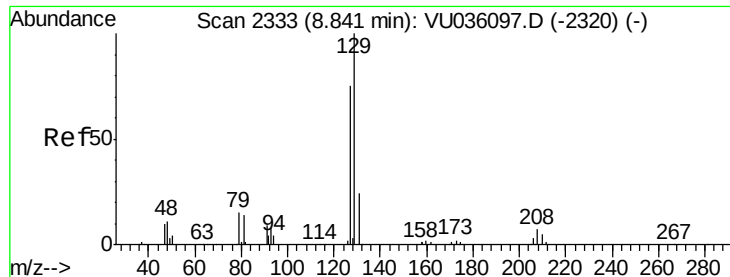
Tot Ion	Ratio	Lower	Upper
164	100		
129	87.8	63.1	117.3
131	89.3	61.5	114.1
166	119.9	91.0	169.0



#48
2-Hexanone
Concen: 1.192 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036118.D
Acq: 11 Dec 2019 06:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.1	46.9	70.3
57	73.5	16.4	24.6#
100	2.9	11.0	16.4#





#49

Dibromochloromethane

Concen: 2.428 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :

MSVOA_U

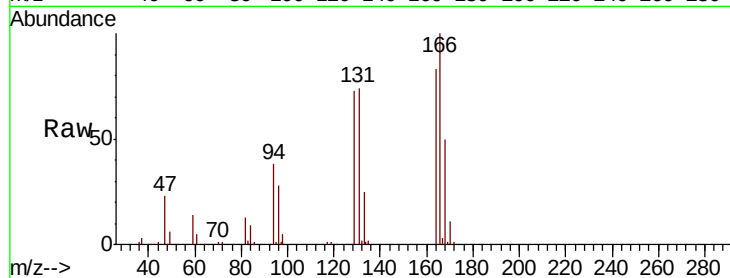
ClientSampleId :

Tot Ion:129 Resp: 55278

Ion Ratio Lower Upper

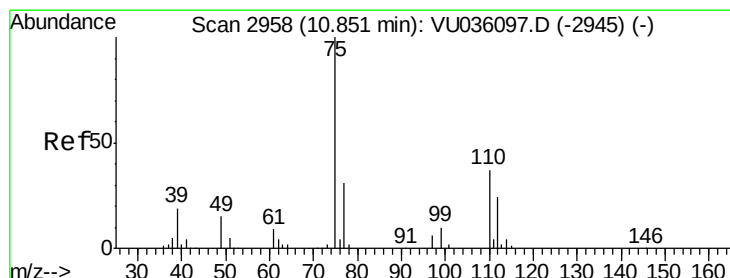
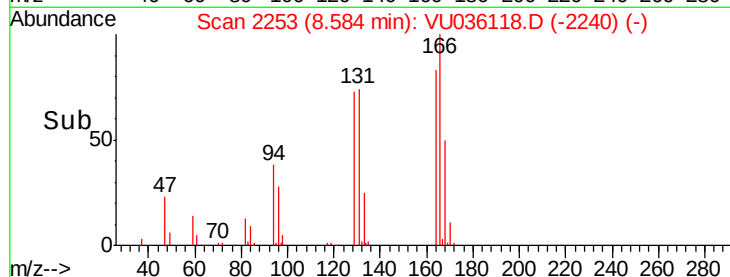
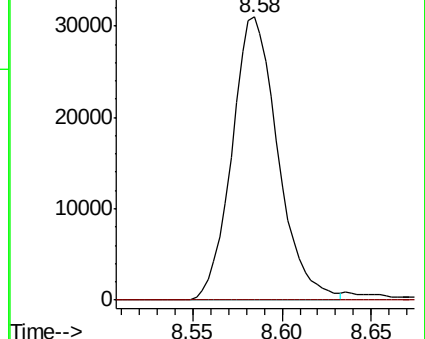
129 100

127 0.0 52.5 97.5#



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: 0.539 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036118.D

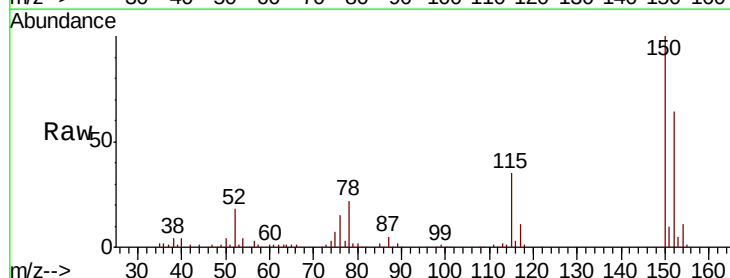
Acq: 11 Dec 2019 06:13

Tgt Ion: 75 Resp: 8396

Ion Ratio Lower Upper

75 100

77 41.2 26.7 40.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

