

Data File : VU036068.D
Acq On : 09 Dec 2019 23:49
Operator : JC/MD
Sample : K6168-14 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE47

Quant Time: Dec 10 01:55:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98744	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	121399	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	147592	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.69	46	175792	45.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.26%
24) Chloroform-d	5.11	84	159918	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.75	65	92913	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	339425	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	103976	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	288012	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.21	79	38839	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.70	63	164831	51.40	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93297	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	83410	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

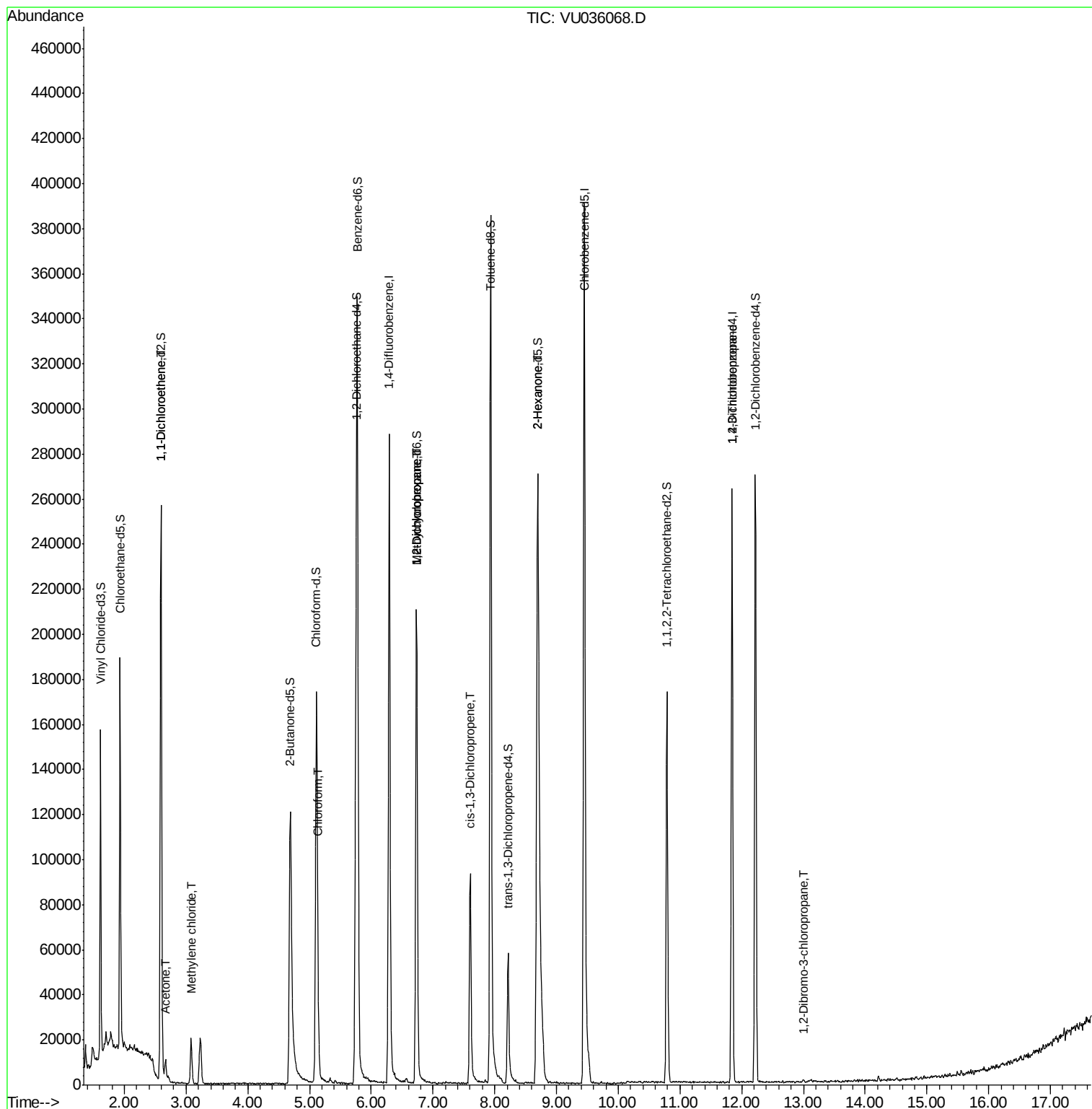
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1478	0.067 ug/L #	1
13) Acetone	2.66	43	9741	1.992 ug/L	87
16) Methylene chloride	3.09	84	10748	0.419 ug/L	81
25) Chloroform	5.14	83	15607	0.414 ug/L	98
35) Methylcyclohexane	6.74	83	26771	0.987 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10726	0.562 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2415	0.093 ug/L #	18
48) 2-Hexanone	8.70	43	19395	2.710 ug/L #	44
59) 1,2,3-Trichloropropane	11.84	75	8116	0.594 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.99	75	191	0.114 ug/L #	1

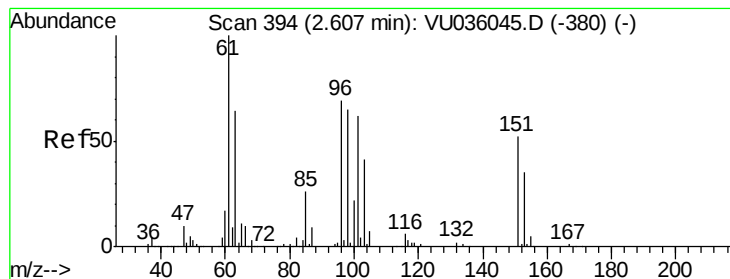
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036068.D

Acq: 09 Dec 2019 23:49

Instrument :

MSVOA_U

ClientSampleId :

BFE47

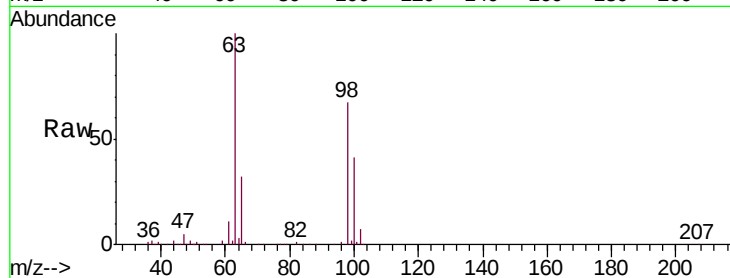
Tgt Ion: 96 Resp: 1478

Ion Ratio Lower Upper

96 100

61 1059.2 104.3 193.7#

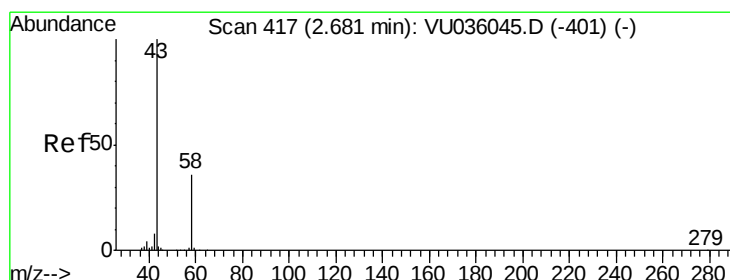
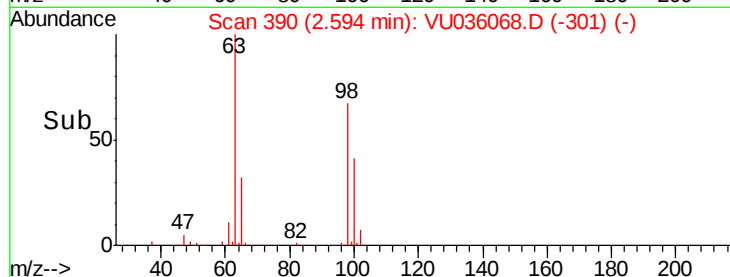
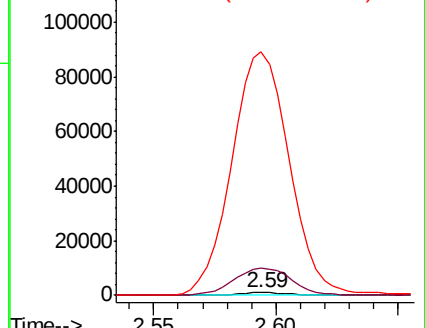
63 9574.2 65.6 121.8#



Abundance Ion 96.00 (95.70 to 96.70): VU036068.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU036068.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU036068.D (-390) (-)



#13

Acetone

Concen: 1.992 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036068.D

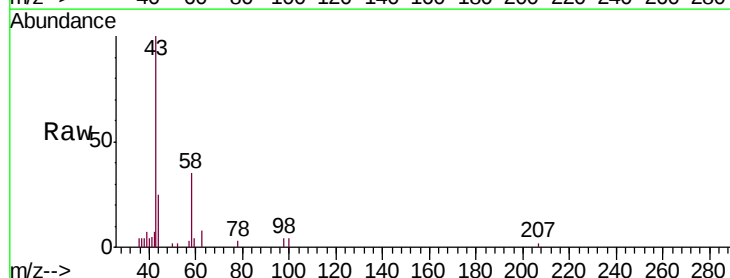
Acq: 09 Dec 2019 23:49

Tgt Ion: 43 Resp: 9741

Ion Ratio Lower Upper

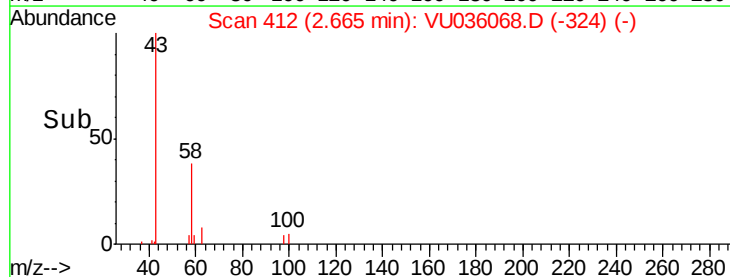
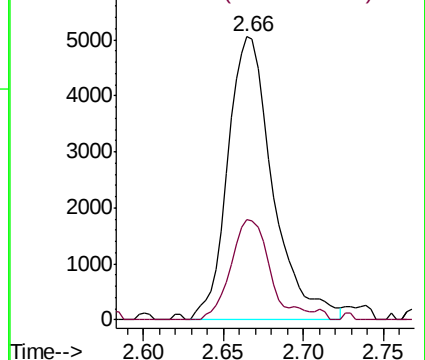
43 100

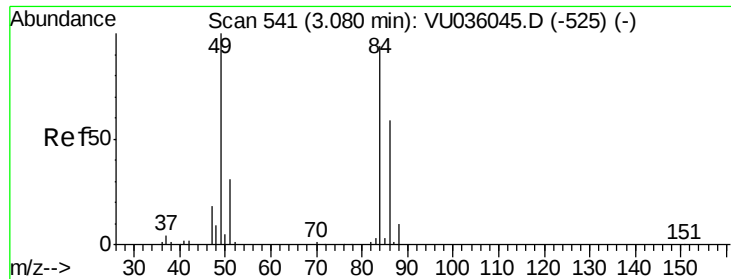
58 29.1 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036068.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU036068.D (-412) (-)

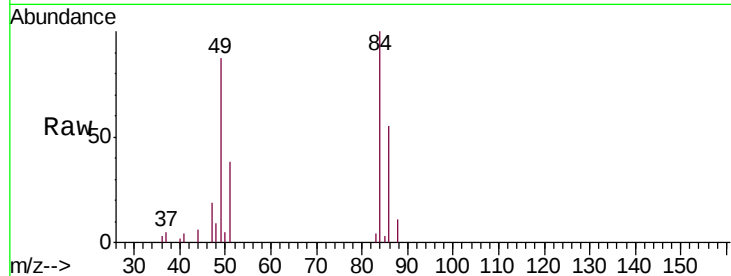




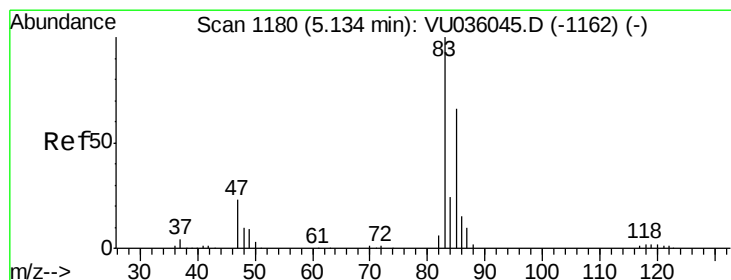
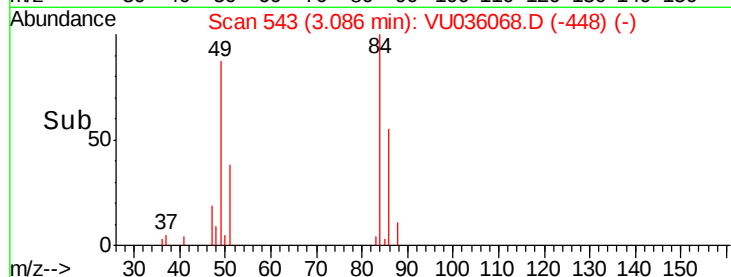
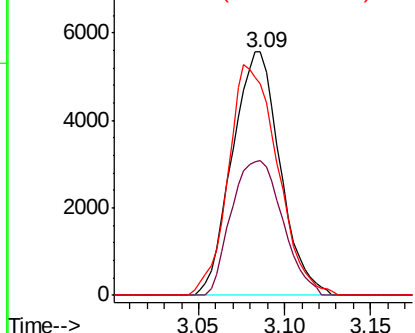
#16
Methylene chloride
Concen: 0.419 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU036068.D
Acq: 09 Dec 2019 23:49

Instrument :
MSVOA_U
ClientSampleId :
BFE47

Tgt Ion: 84 Resp: 10748
Ion Ratio Lower Upper
84 100
86 55.3 47.5 88.3
49 87.1 76.9 142.9

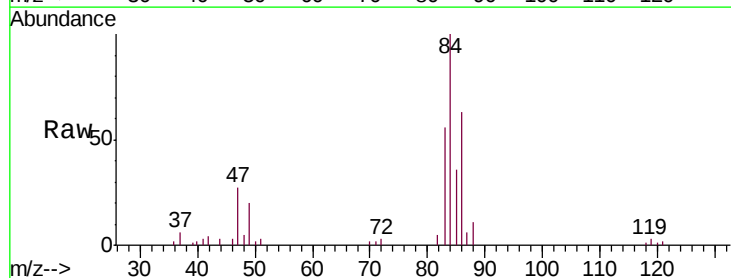


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

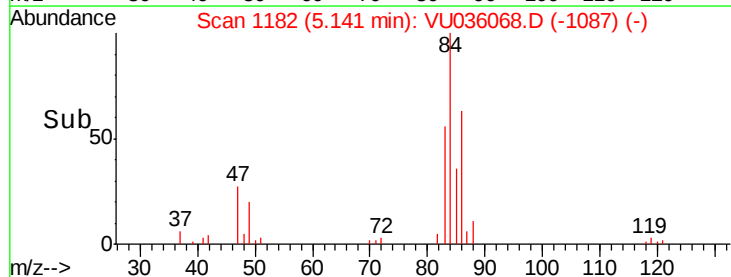
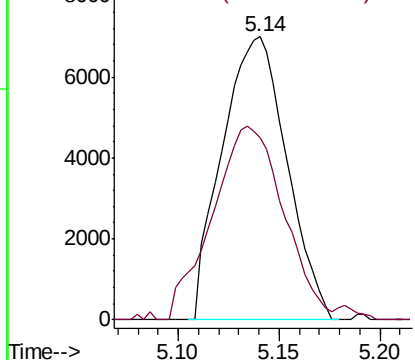


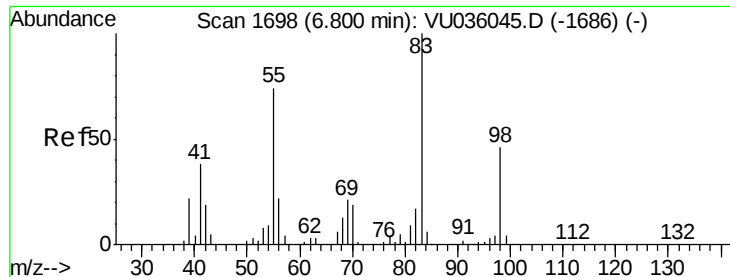
#25
Chloroform
Concen: 0.414 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036068.D
Acq: 09 Dec 2019 23:49

Tgt Ion: 83 Resp: 15607
Ion Ratio Lower Upper
83 100
85 64.3 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

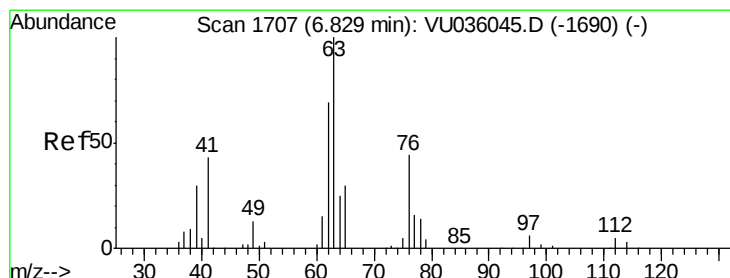
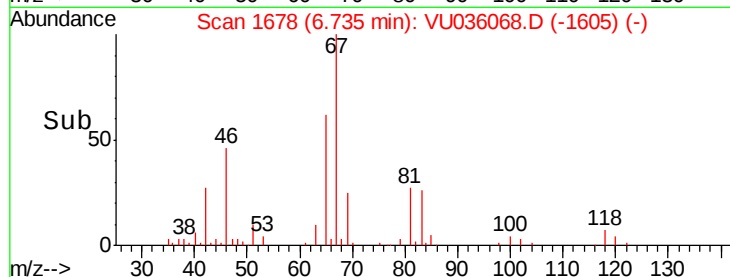
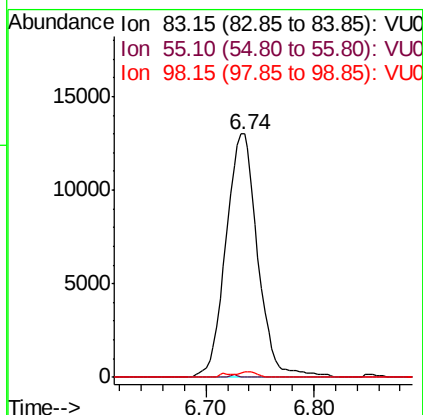
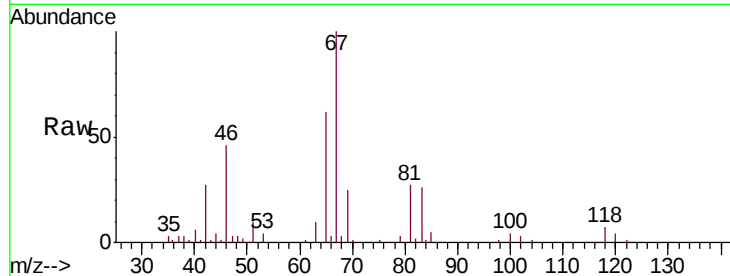




#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036068.D
Acq: 09 Dec 2019 23:49

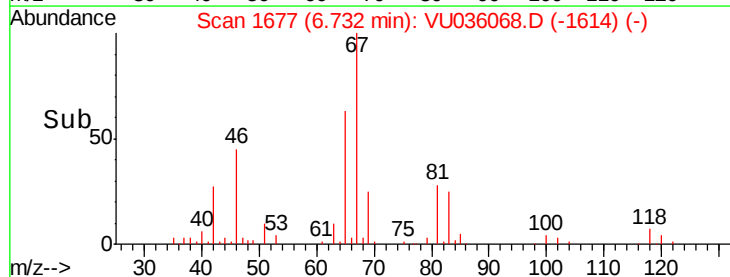
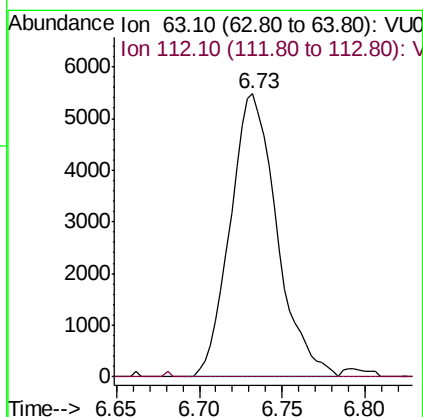
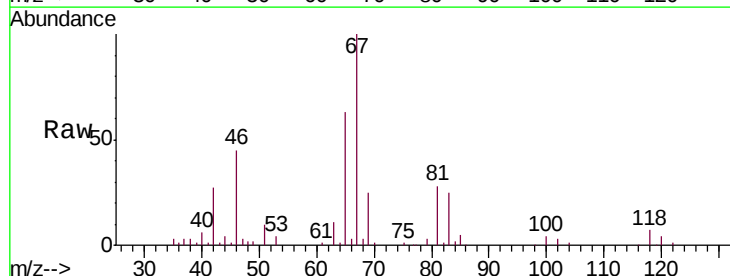
Instrument :
MSVOA_U
ClientSampleId :
BFE47

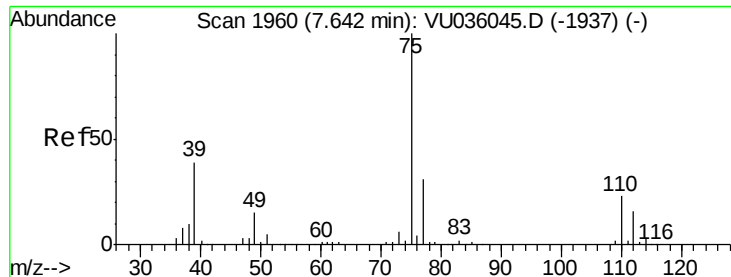
Tgt Ion: 83 Resp: 26771
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 1.3 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036068.D
Acq: 09 Dec 2019 23:49

Tgt Ion: 63 Resp: 10726
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#

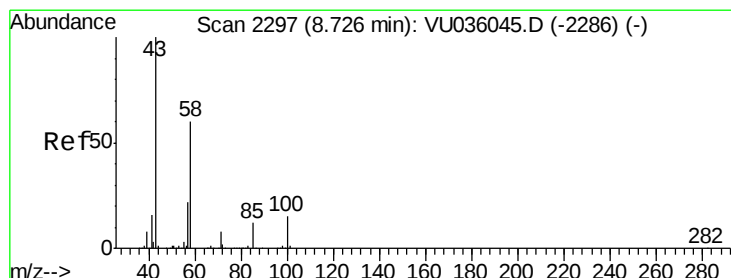
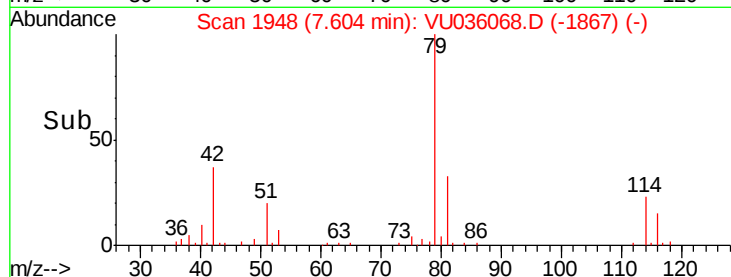
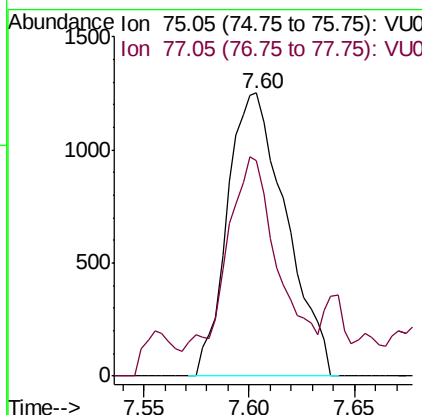
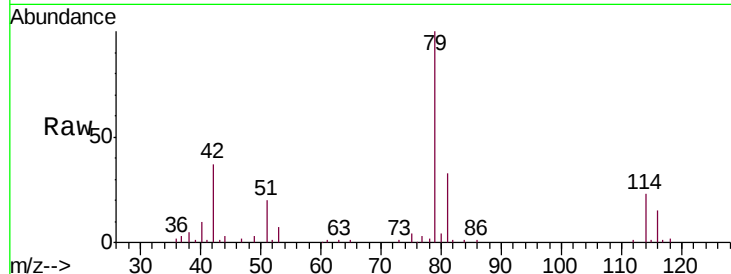




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036068.D
 Acq: 09 Dec 2019 23:49

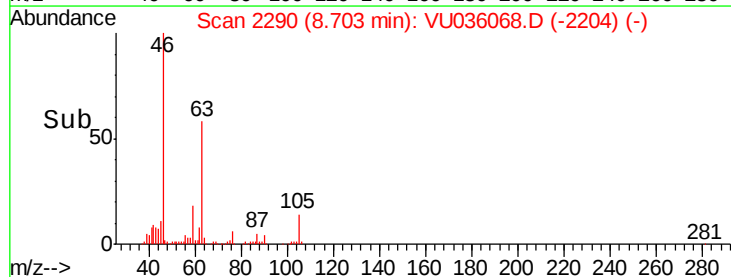
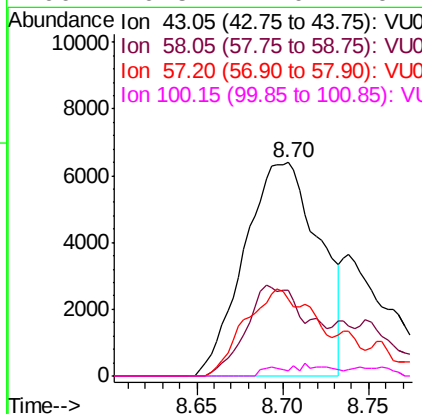
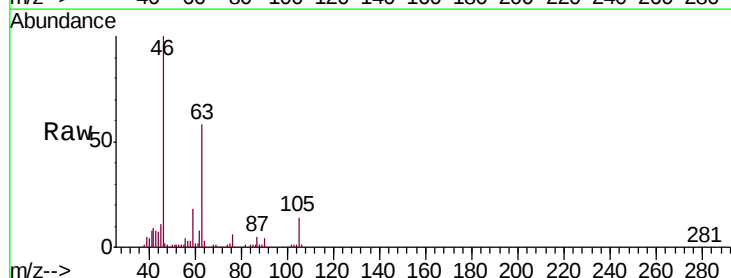
Instrument :
 MSVOA_U
 ClientSampled :
 BFE47

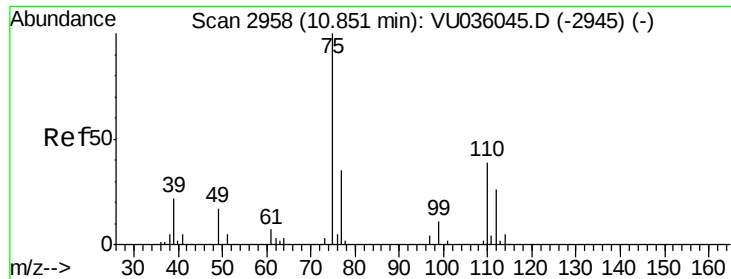
Tgt Ion: 75 Resp: 2415
 Ion Ratio Lower Upper
 75 100
 77 76.1 21.7 40.3#



#48
 2-Hexanone
 Concen: 2.710 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: VU036068.D
 Acq: 09 Dec 2019 23:49

Tgt Ion: 43 Resp: 19395
 Ion Ratio Lower Upper
 43 100
 58 5.9 46.9 70.3#
 57 6.6 16.4 24.6#
 100 0.5 11.0 16.4#

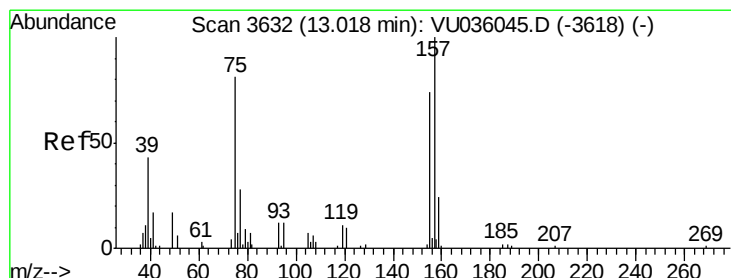
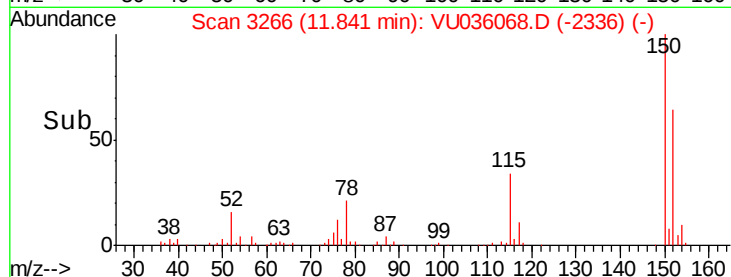
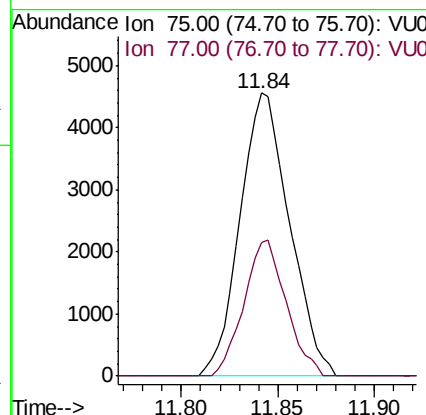
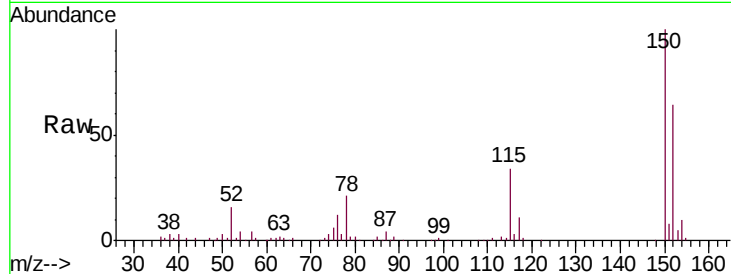




#59
 1,2,3-Trichloropropane
 Concen: 0.594 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU036068.D
 Acq: 09 Dec 2019 23:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE47

Tgt Ion: 75 Resp: 8116
 Ion Ratio Lower Upper
 75 100
 77 41.0 26.7 40.1#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.114 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU036068.D
 Acq: 09 Dec 2019 23:49

Tgt Ion: 75 Resp: 191
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.0 105.0#
 157 0.0 90.5 135.7#

