

Data File : VU036181.D
Acq On : 13 Dec 2019 04:53
Operator : JC/MD
Sample : K6214-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BD811

Quant Time: Dec 13 05:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 04:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	99001	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.93	69	102834	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	109464	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.68	46	190448	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.11	84	151736	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.75	65	93758	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	324359	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.73	67	105920	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.93	98	255368	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	35328	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.68	63	158738	44.29	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96530	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	86242	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

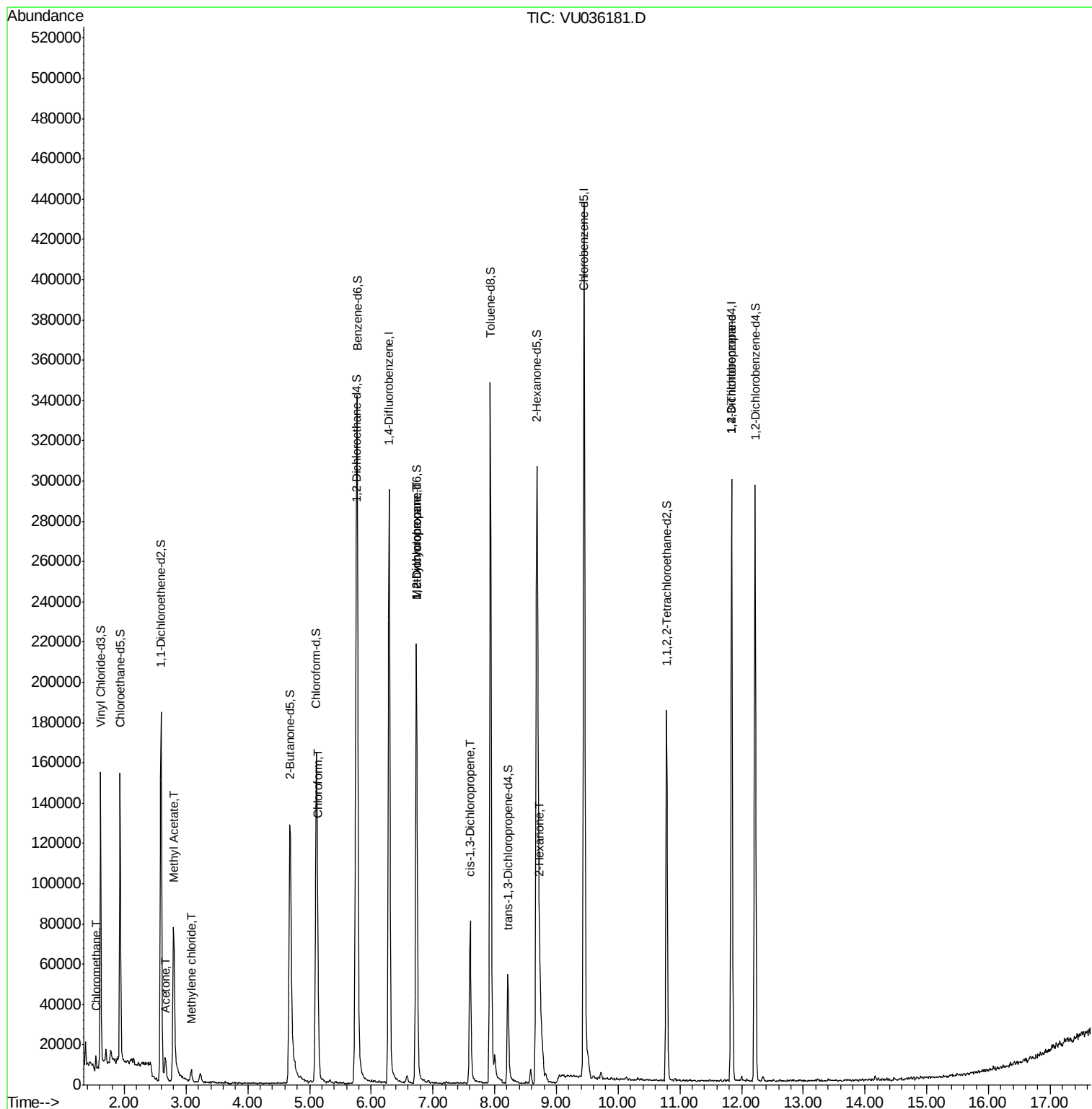
					Qvalue
3) Chloromethane	1.54	50	5189	0.147 ug/L	91
13) Acetone	2.66	43	12412	3.545 ug/L	92
15) Methyl Acetate	2.80	43	24075	3.225 ug/L #	49
16) Methylene chloride	3.08	84	2630	0.101 ug/L #	81
25) Chloroform	5.14	83	27588	0.734 ug/L	94
35) Methylcyclohexane	6.73	83	26112	0.831 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11484	0.516 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2244	0.076 ug/L #	37
48) 2-Hexanone	8.73	43	9962	1.209 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	9325	0.636 ug/L #	83

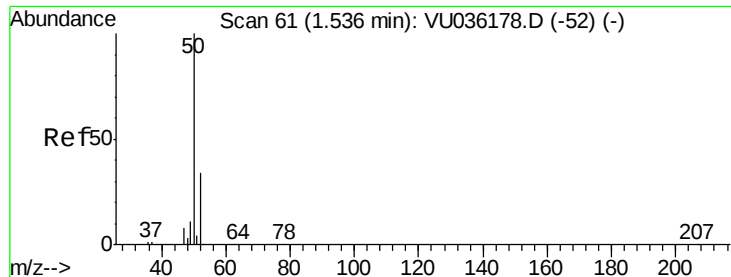
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036181.D

Acq: 13 Dec 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

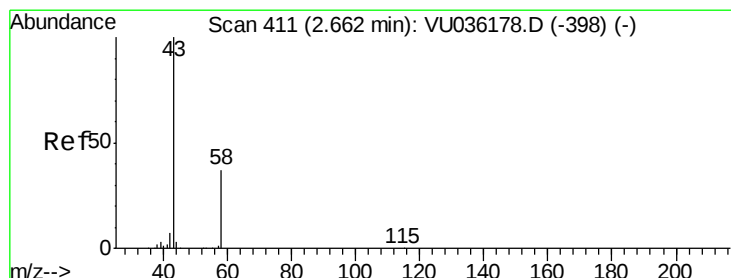
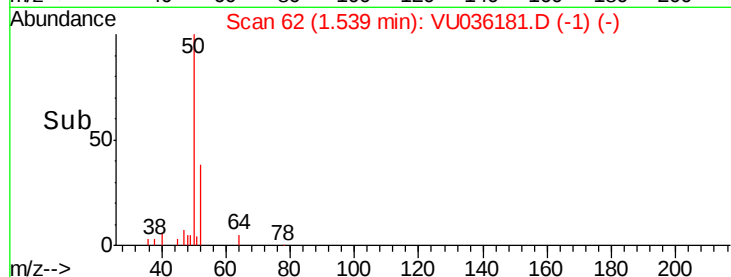
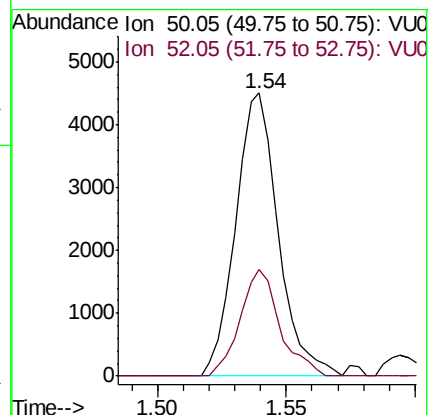
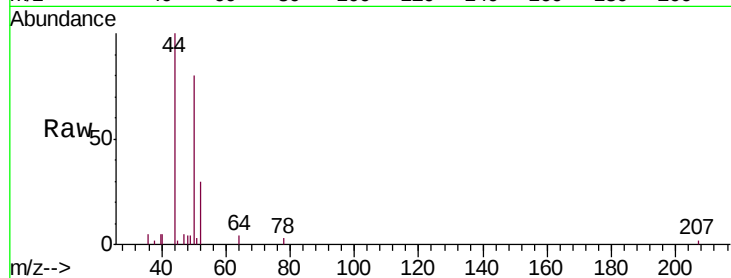
BD811

Tgt Ion: 50 Resp: 5189

Ion Ratio Lower Upper

50 100

52 37.9 23.0 42.8



#13

Acetone

Concen: 3.545 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

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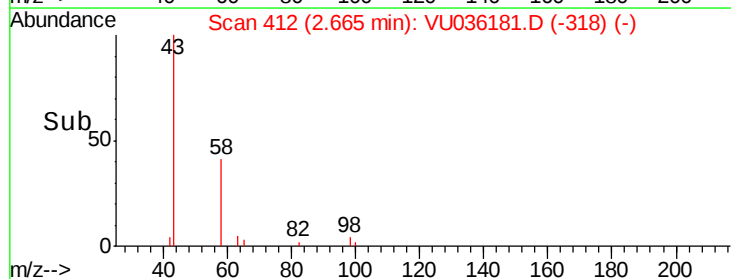
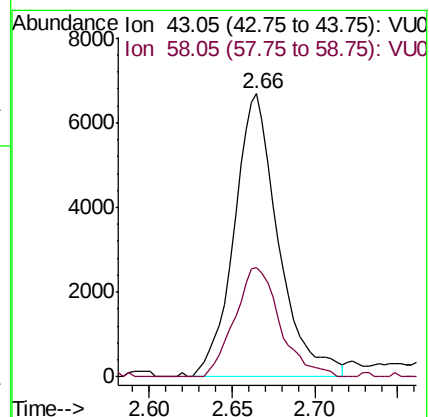
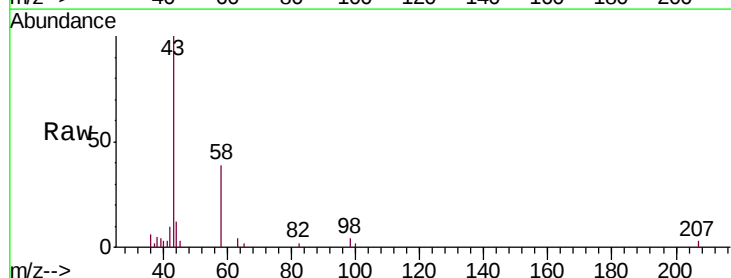
Acq: 13 Dec 2019 04:53

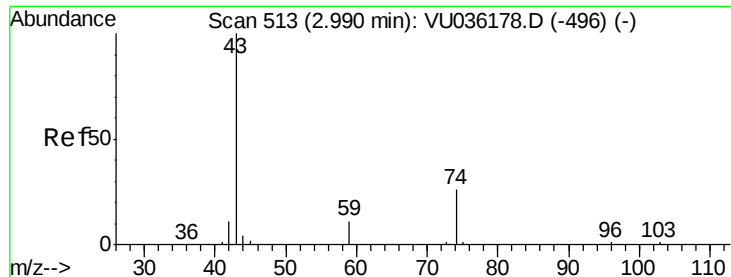
Tgt Ion: 43 Resp: 12412

Ion Ratio Lower Upper

43 100

58 39.4 0.0 70.0

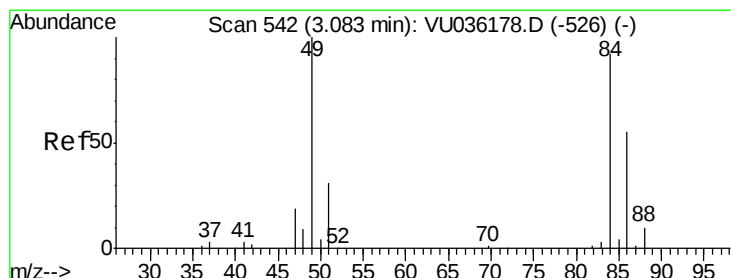
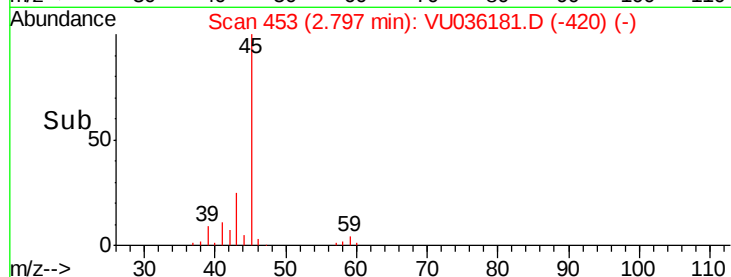
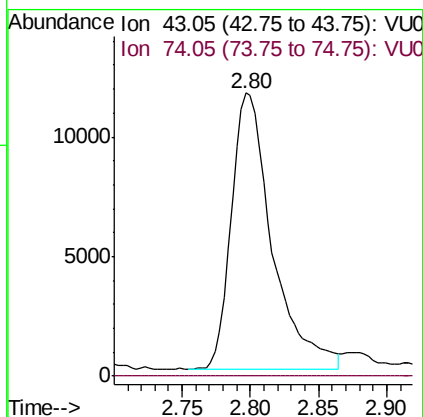
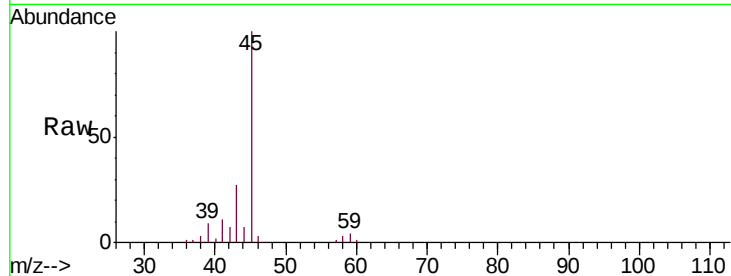




#15
Methyl Acetate
Concen: 3.225 ug/L
RT: 2.80 min Scan# 453
Delta R.T. -0.19 min
Lab File: VU036181.D
Acq: 13 Dec 2019 04:53

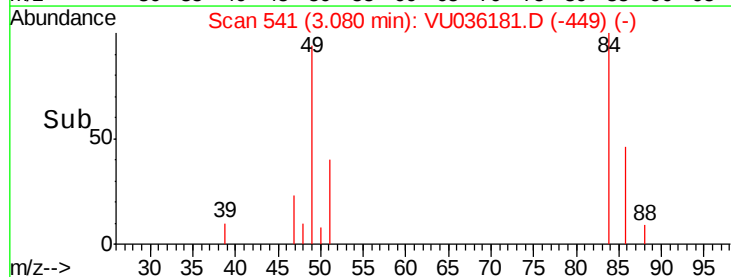
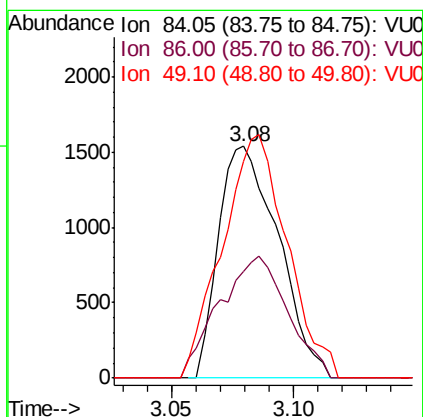
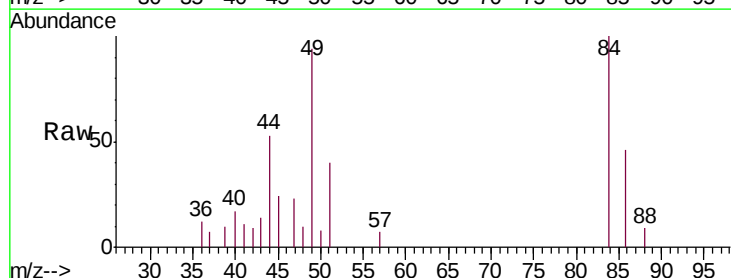
Instrument :
MSVOA_U
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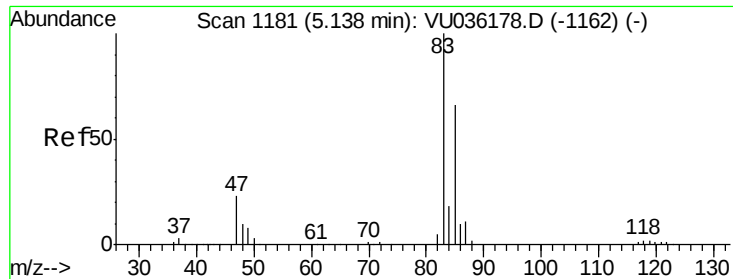
Tgt Ion: 43 Resp: 24075
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#16
Methylene chloride
Concen: 0.101 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036181.D
Acq: 13 Dec 2019 04:53

Tgt Ion: 84 Resp: 2630
Ion Ratio Lower Upper
84 100
86 45.8 46.1 85.5#
49 93.9 77.7 144.3

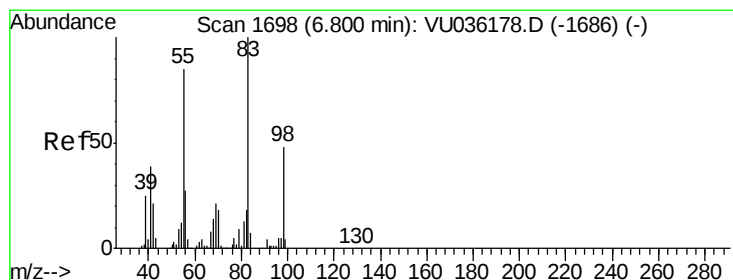
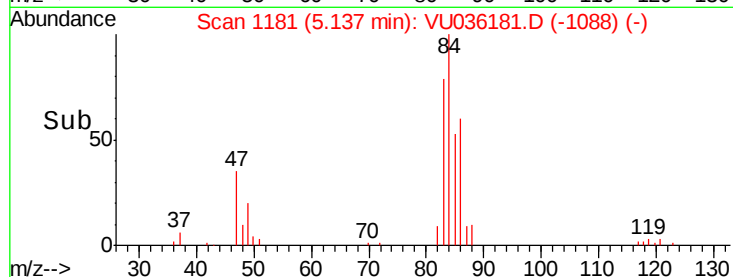
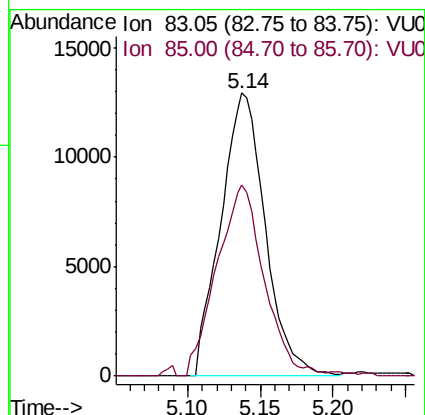
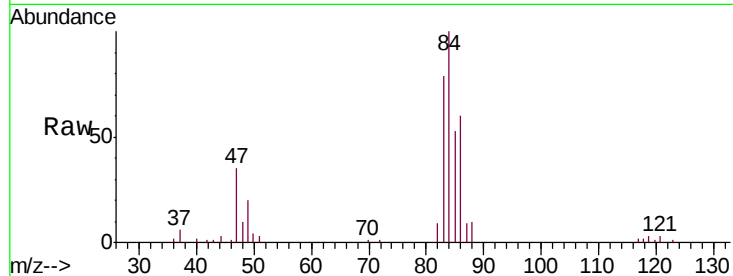




#25
Chloroform
Concen: 0.734 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU036181.D
Acq: 13 Dec 2019 04:53

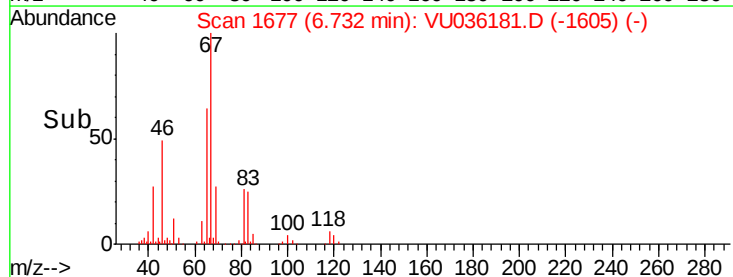
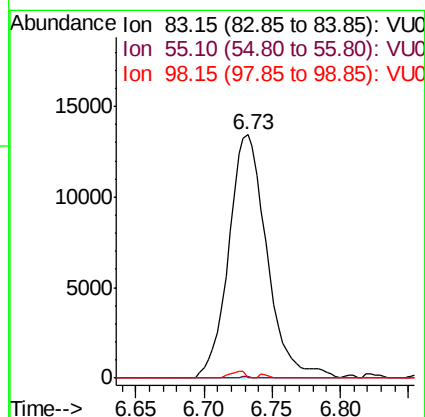
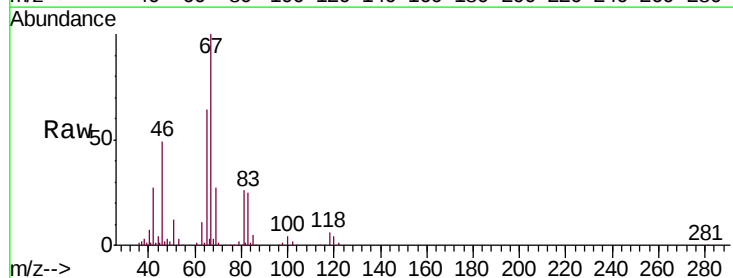
Instrument :
MSVOA_U
ClientSampleId :
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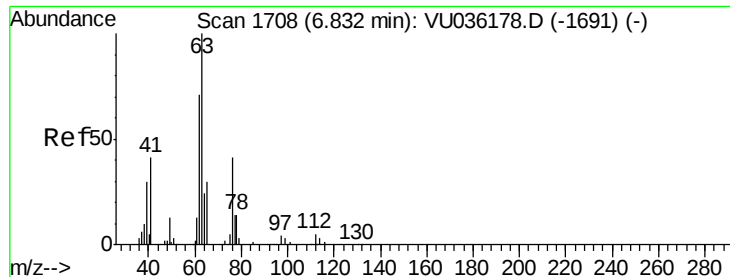
Tgt Ion: 83 Resp: 27588
Ion Ratio Lower Upper
83 100
85 67.5 44.2 82.0



#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036181.D
Acq: 13 Dec 2019 04:53

Tgt Ion: 83 Resp: 26112
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 1.0 35.8 53.6#

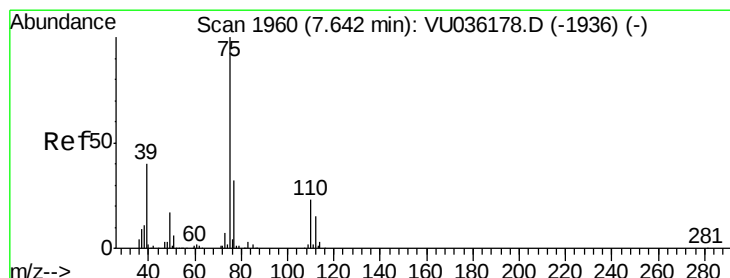
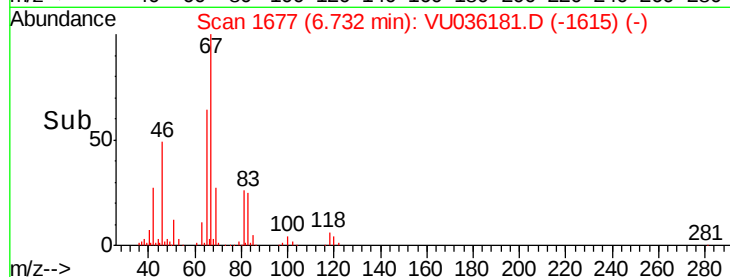
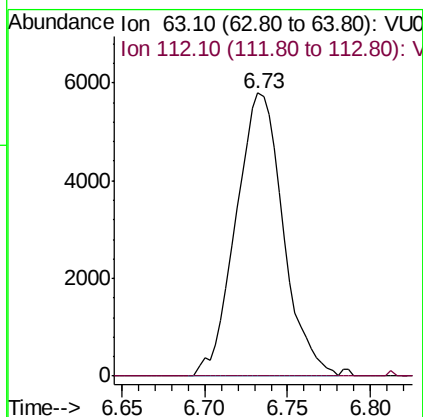
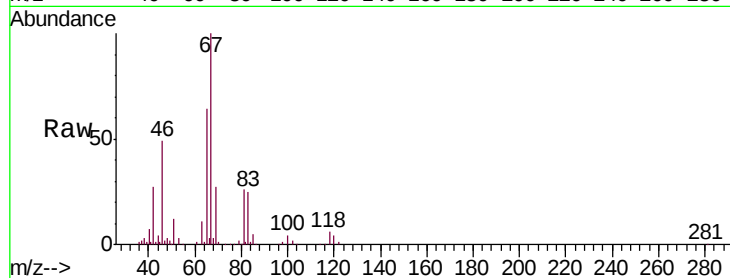




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036181.D
 Acq: 13 Dec 2019 04:53

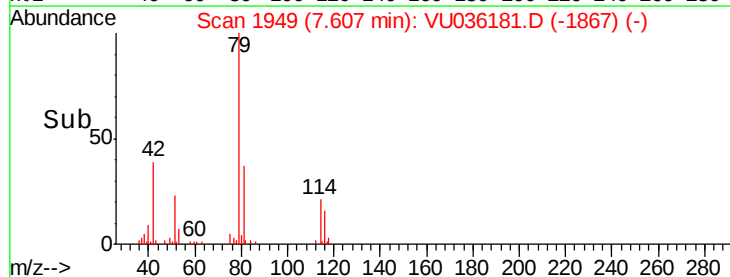
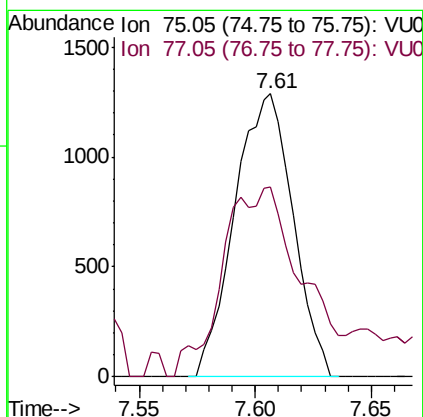
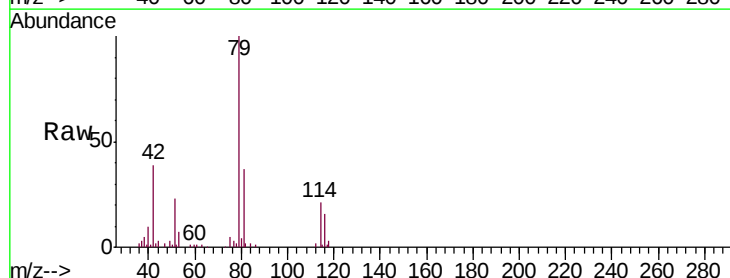
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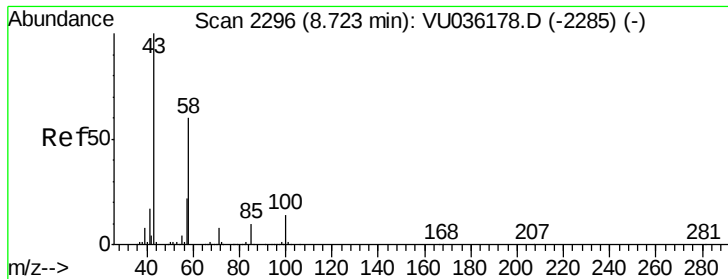
Tgt Ion: 63 Resp: 11484
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036181.D
 Acq: 13 Dec 2019 04:53

Tgt Ion: 75 Resp: 2244
 Ion Ratio Lower Upper
 75 100
 77 67.2 22.3 41.5#

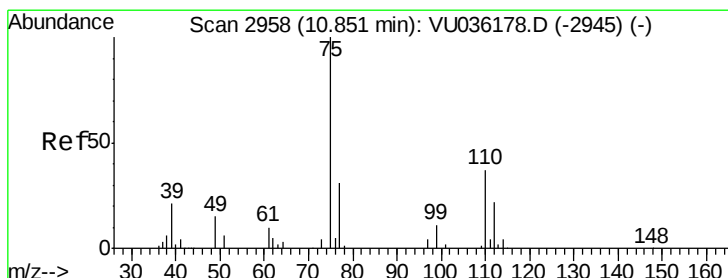
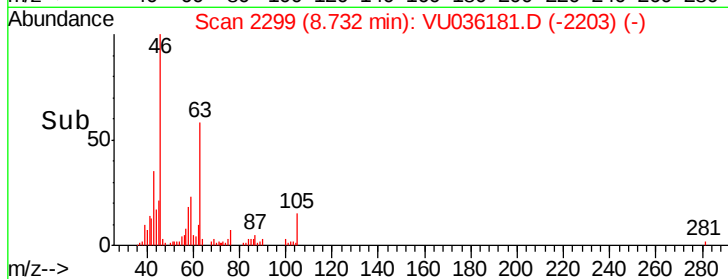
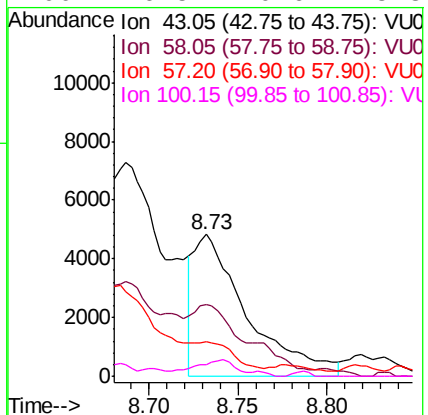
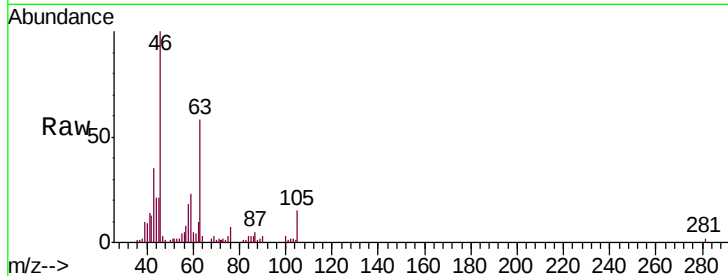




#48
 2-Hexanone
 Concen: 1.209 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.01 min
 Lab File: VU036181.D
 Acq: 13 Dec 2019 04:53

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 43 Resp: 9962
 Ion Ratio Lower Upper
 43 100
 58 44.7 48.6 72.8#
 57 0.0 16.7 25.1#
 100 6.5 10.6 15.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.636 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036181.D
 Acq: 13 Dec 2019 04:53

Tgt Ion: 75 Resp: 9325
 Ion Ratio Lower Upper
 75 100
 77 42.7 26.6 39.8#

