

Data File : VU036141.D
Acq On : 11 Dec 2019 18:58
Operator : JC/MD
Sample : K6214-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BD803

Quant Time: Dec 12 06:16:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	100709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116478	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.91	69	116409	4.35	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.58	63	128372	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.68	46	263415	60.65	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.30%
24) Chloroform-d	5.11	84	203448	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	103758	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	370240	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	122256	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	291597	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.21	79	44676	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.67	63	207299	59.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116484	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	96957	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

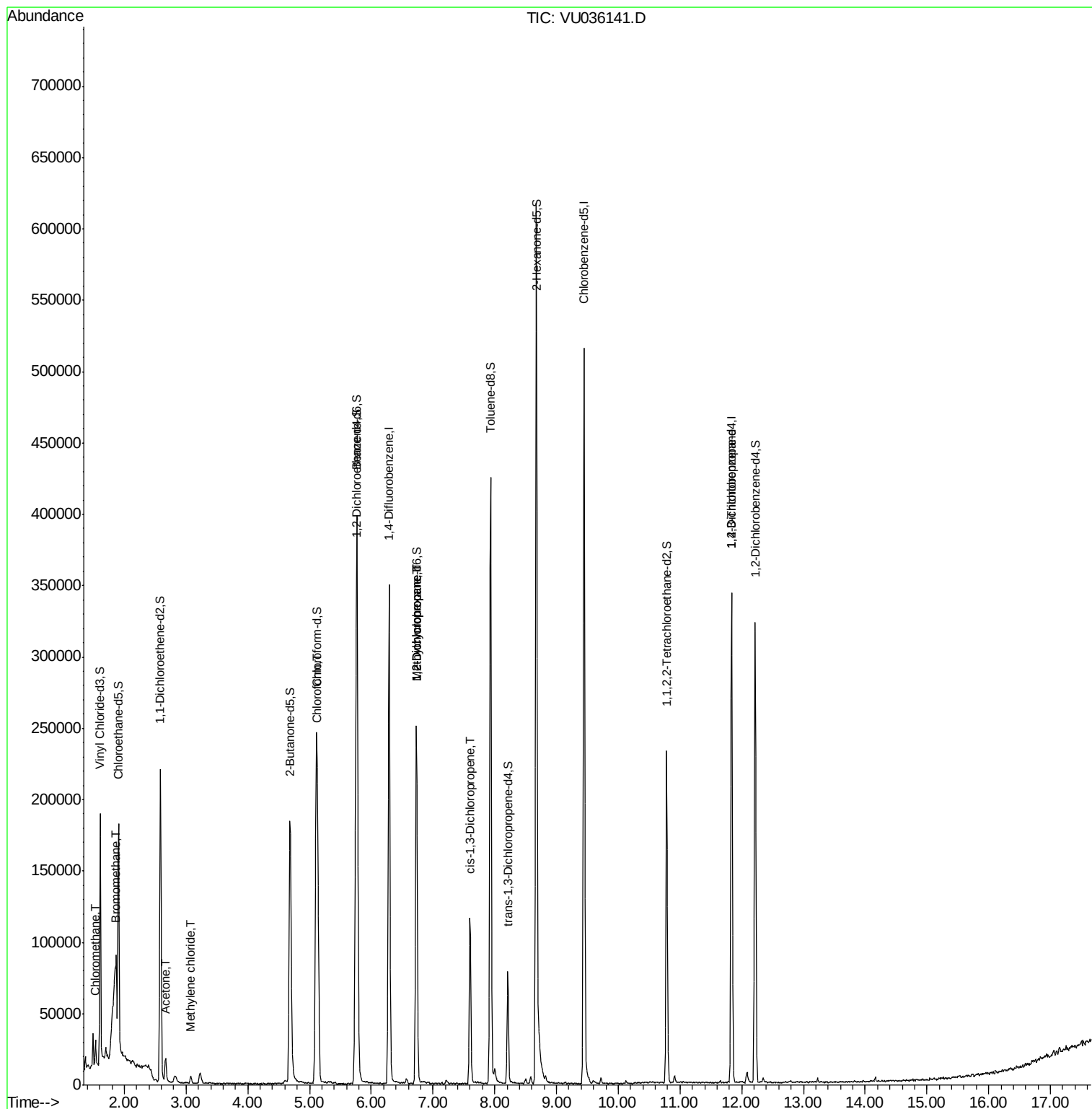
					Qvalue
3) Chloromethane	1.53	50	13025	0.474	ug/L 91
6) Bromomethane	1.85	94	3061	0.133	ug/L 97
13) Acetone	2.67	43	15673	2.843	ug/L 96
16) Methylene chloride	3.08	84	2396	0.083	ug/L 94
25) Chloroform	5.13	83	118531	2.790	ug/L 93
35) Methylcyclohexane	6.73	83	29292	0.988	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	12186	0.584	ug/L # 86
39) cis-1,3-Dichloropropene	7.61	75	3030	0.107	ug/L # 75
59) 1,2,3-Trichloropropane	11.83	75	11697	0.784	ug/L 93

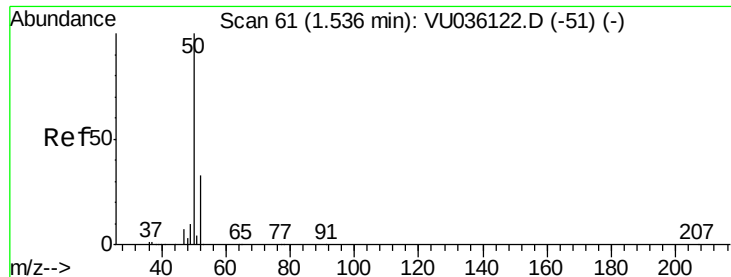
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.474 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036141.D

Acq: 11 Dec 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

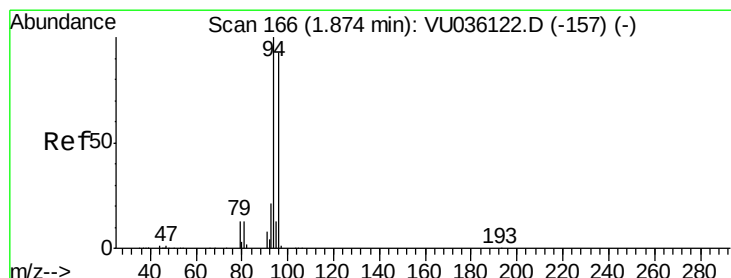
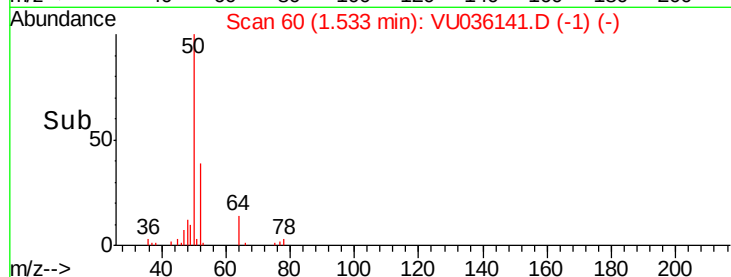
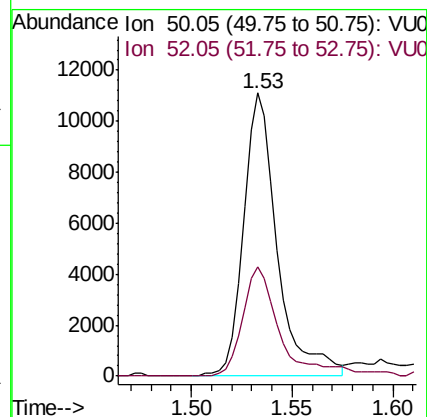
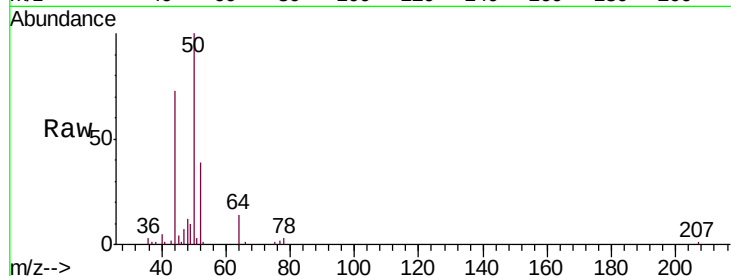
BD803

Tgt Ion: 50 Resp: 13025

Ion Ratio Lower Upper

50 100

52 38.8 23.6 43.8



#6

Bromomethane

Concen: 0.133 ug/L

RT: 1.85 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU036141.D

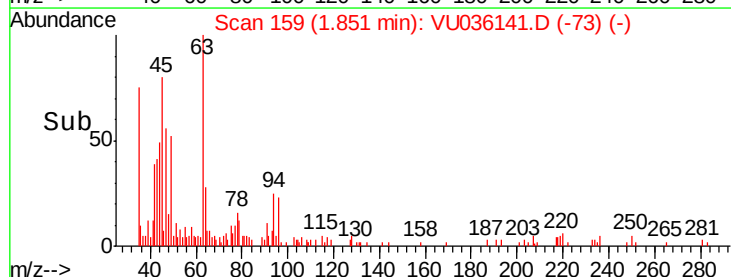
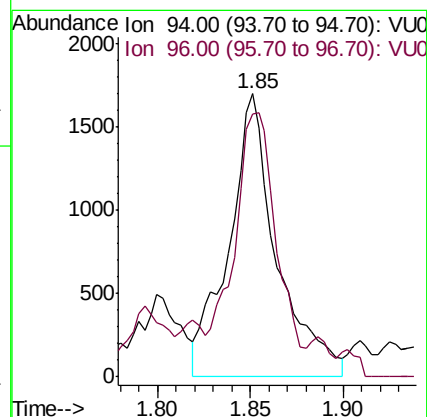
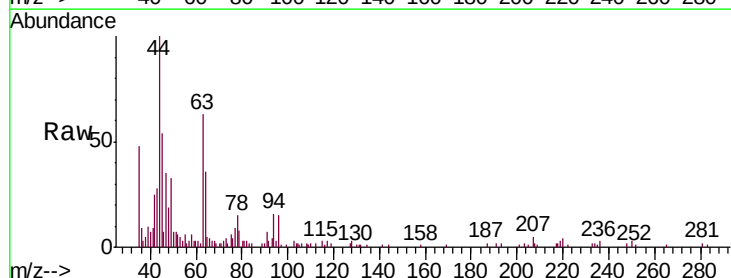
Acq: 11 Dec 2019 18:58

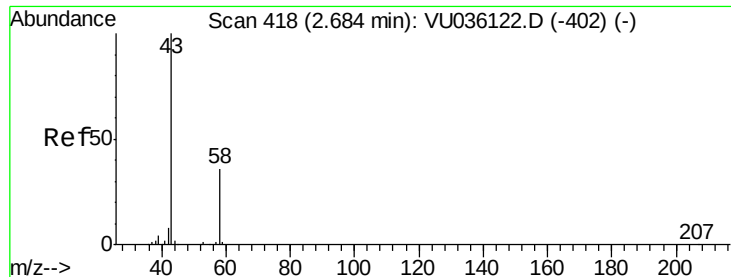
Tgt Ion: 94 Resp: 3061

Ion Ratio Lower Upper

94 100

96 92.8 66.8 124.2





#13

Acetone

Concen: 2.843 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU036141.D

Acq: 11 Dec 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

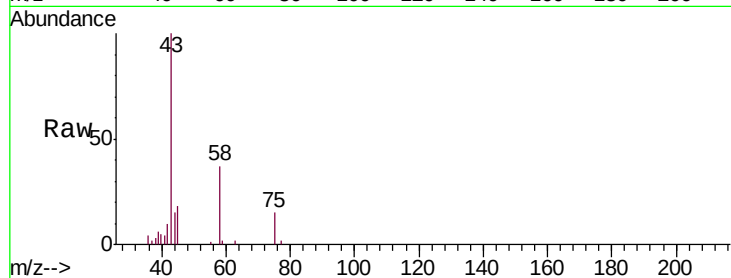
BD803

Tgt Ion: 43 Resp: 15673

Ion Ratio Lower Upper

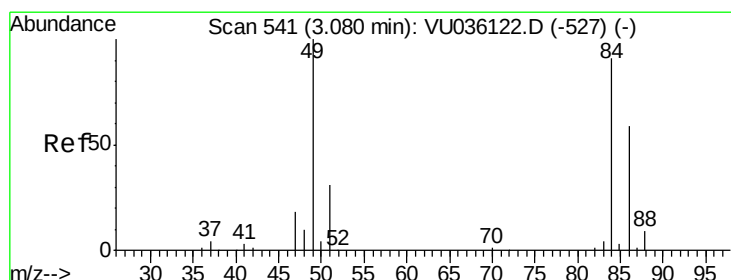
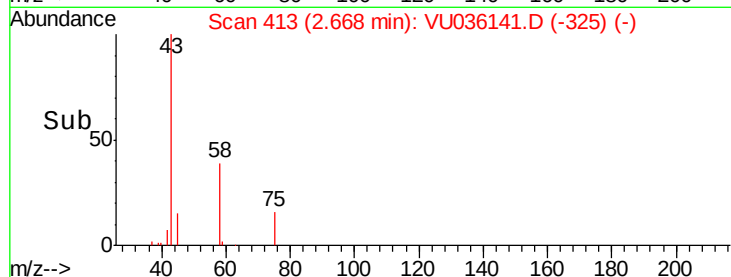
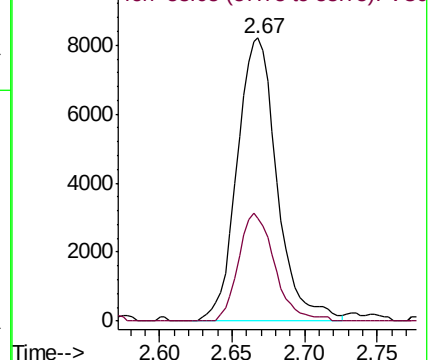
43 100

58 34.4 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036141.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036141.D (-325) (-)



#16

Methylene chloride

Concen: 0.083 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036141.D

Acq: 11 Dec 2019 18:58

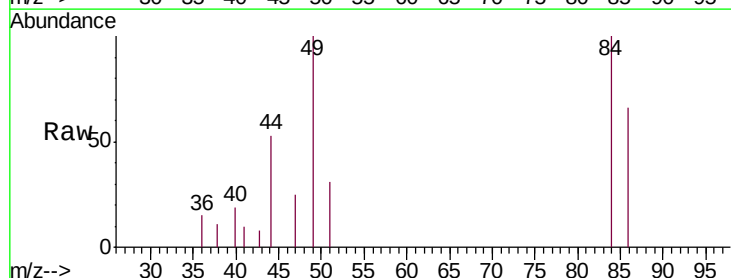
Tgt Ion: 84 Resp: 2396

Ion Ratio Lower Upper

84 100

86 66.1 47.5 88.3

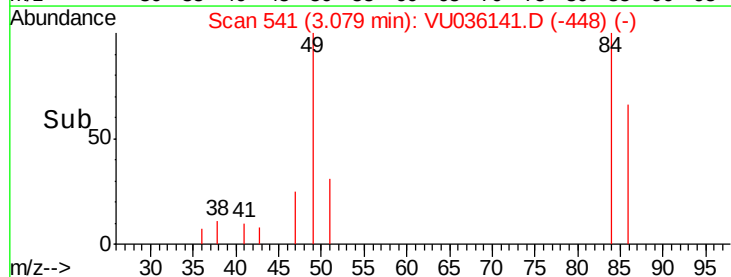
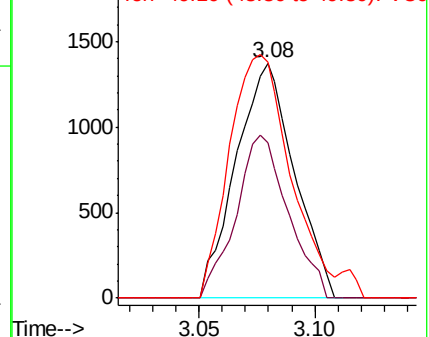
49 100.4 76.9 142.9

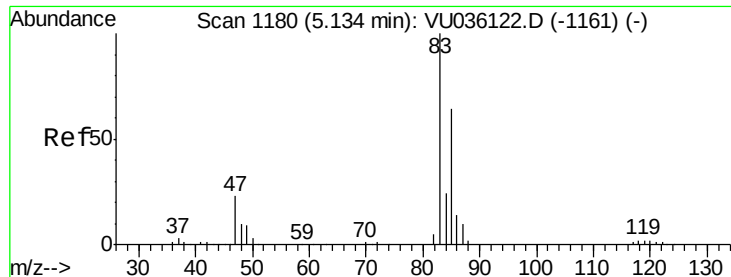


Abundance Ion 84.05 (83.75 to 84.75): VU036141.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036141.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036141.D (-448) (-)

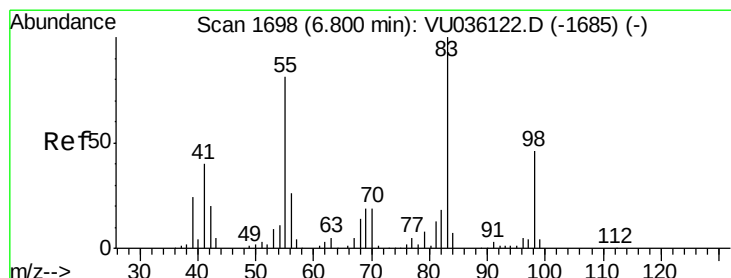
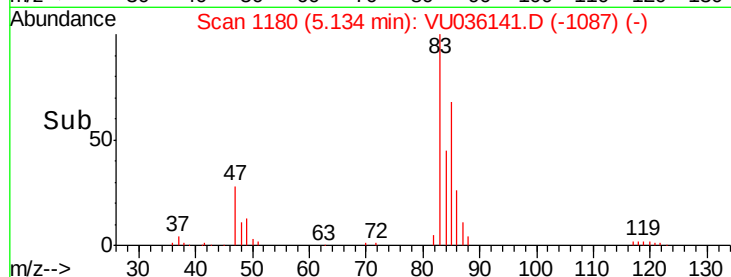
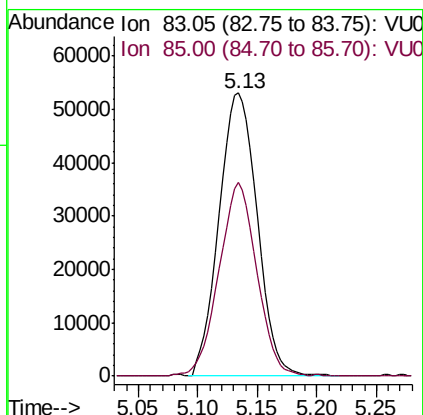
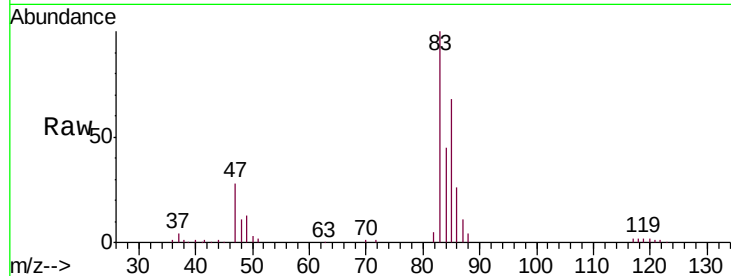




#25
Chloroform
Concen: 2.790 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036141.D
Acq: 11 Dec 2019 18:58

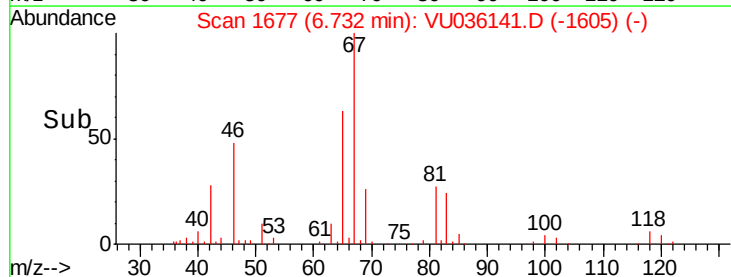
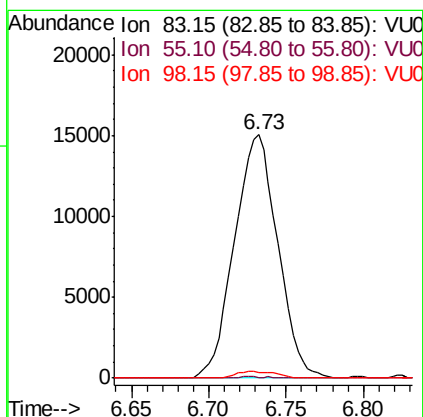
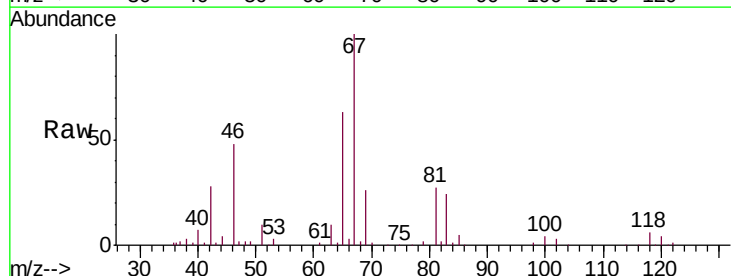
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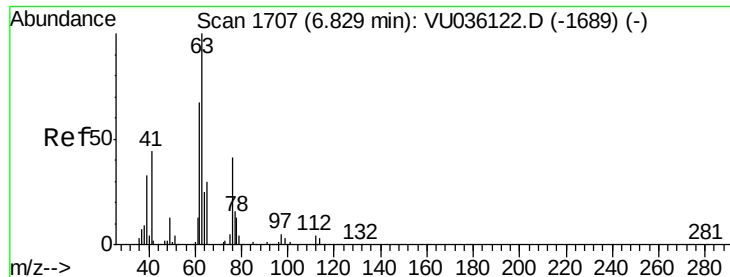
Tgt Ion: 83 Resp: 118531
Ion Ratio Lower Upper
83 100
85 68.3 43.9 81.5



#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036141.D
Acq: 11 Dec 2019 18:58

Tgt Ion: 83 Resp: 29292
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 2.5 37.0 55.4#

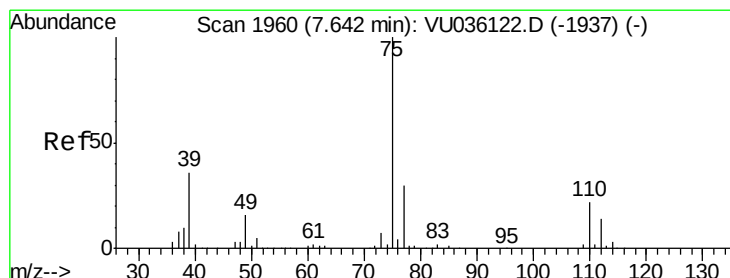
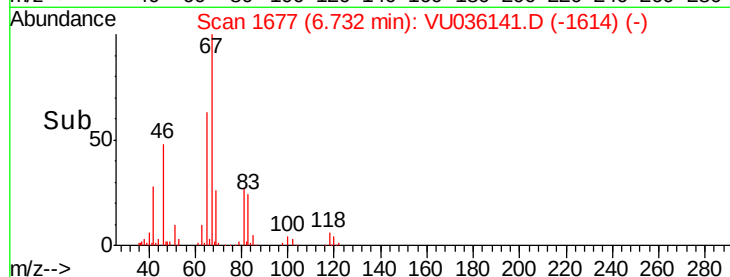
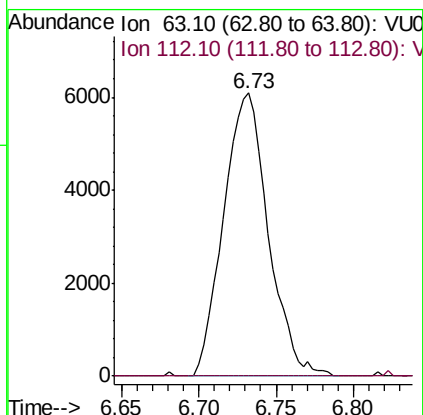
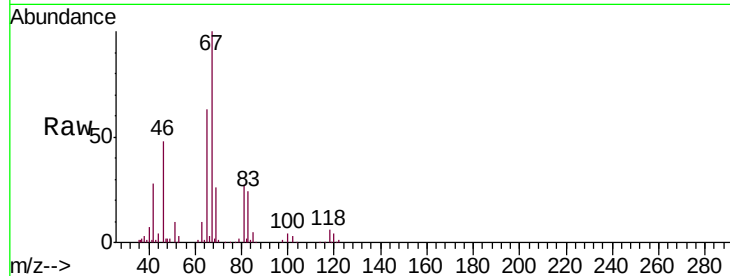




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036141.D
 Acq: 11 Dec 2019 18:58

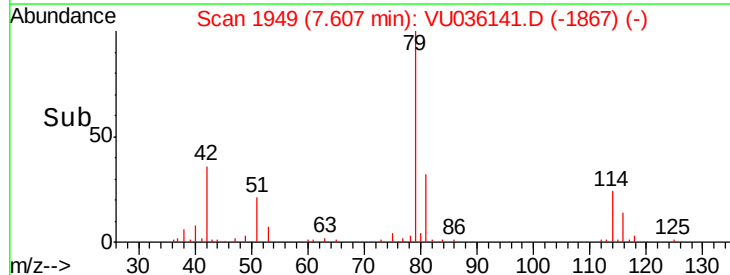
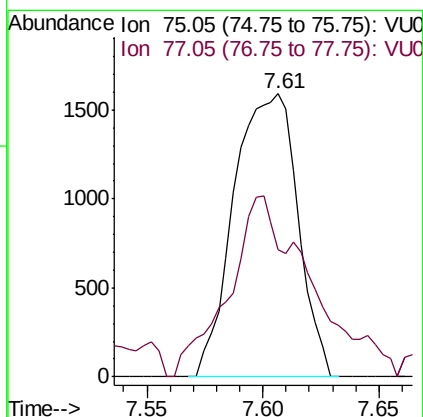
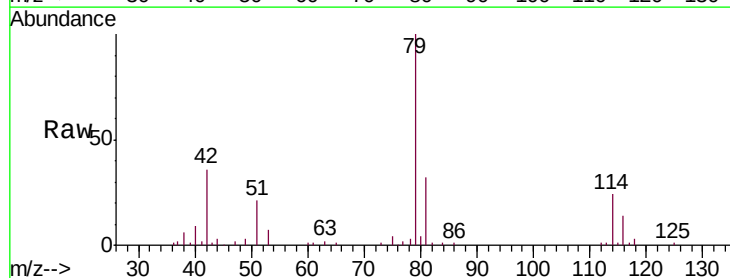
Instrument :
 MSVOA_U
 ClientSampleId :
 BD803

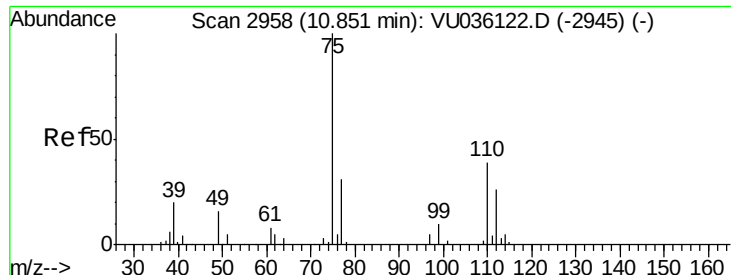
Tgt Ion: 63 Resp: 12186
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036141.D
 Acq: 11 Dec 2019 18:58

Tgt Ion: 75 Resp: 3030
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.7 40.3#





#59

1,2,3-Trichloropropane

Concen: 0.784 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036141.D

Acq: 11 Dec 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

BD803

Tgt Ion: 75 Resp: 11697

Ion Ratio Lower Upper

75 100

77 37.2 26.7 40.1

