

Data File : VU035877.D
Acq On : 26 Nov 2019 23:22
Operator : JC/SP
Sample : K6057-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Quant Time: Nov 27 03:22:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	207367	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	136624	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	130157	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.60	63	173106	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.69	46	311450	49.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.36%
24) Chloroform-d	5.11	84	224168	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	128473	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	440052	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.74	67	149929	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.93	98	342067	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.22	79	51034	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.69	63	229296	46.41	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	122107	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	80327	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

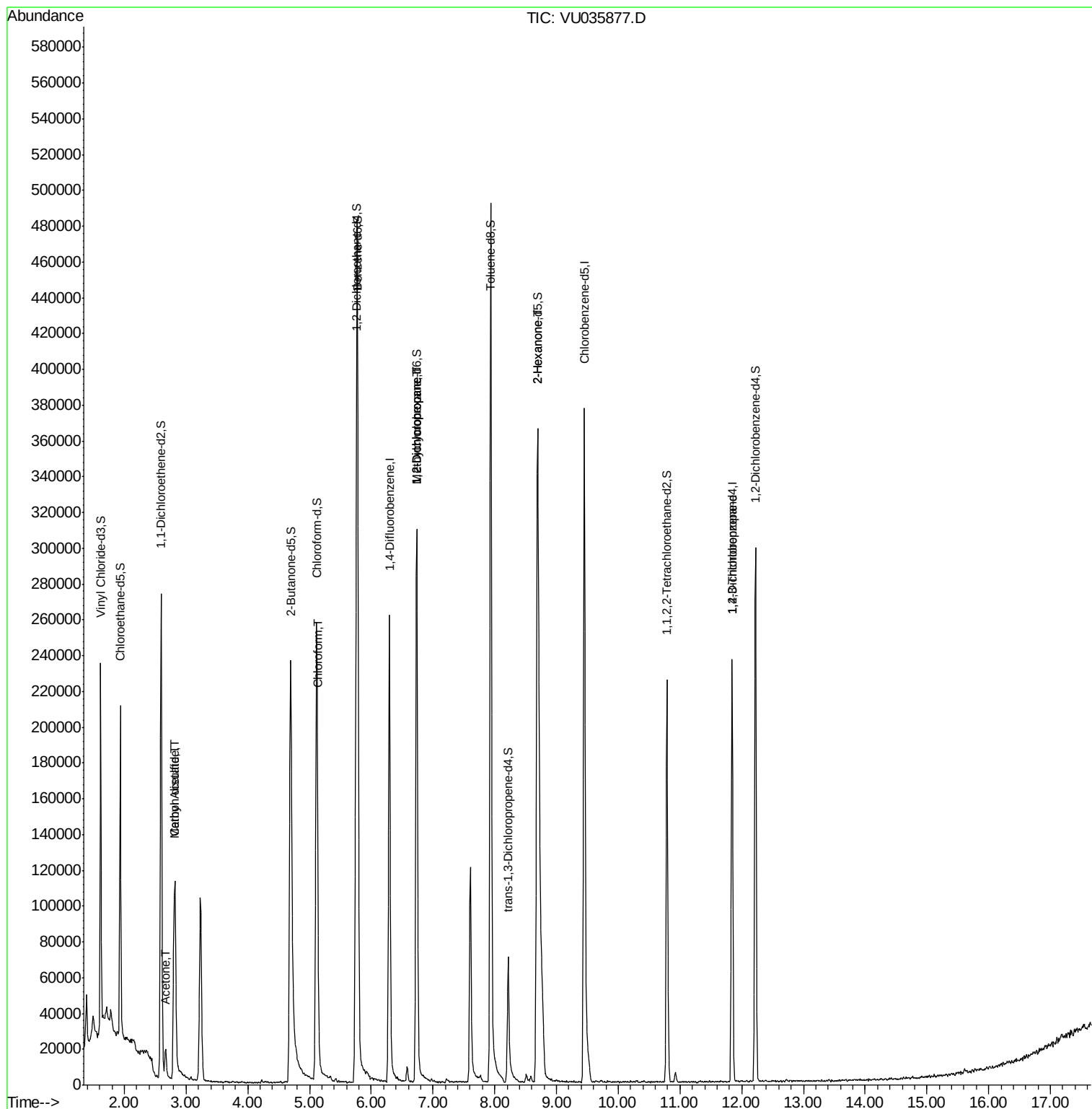
					Qvalue
13) Acetone	2.67	43	18182	3.302	ug/L 97
14) Carbon disulfide	2.83	76	94624	1.320	ug/L 98
15) Methyl Acetate	2.81	43	28351	2.568	ug/L # 53
25) Chloroform	5.14	83	8874	0.191	ug/L 89
35) Methylcyclohexane	6.74	83	34171	0.926	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	16245	0.558	ug/L # 90
48) 2-Hexanone	8.69	43	26451	2.011	ug/L # 75
59) 1,2,3-Trichloropropane	11.84	75	8310	0.439	ug/L # 84

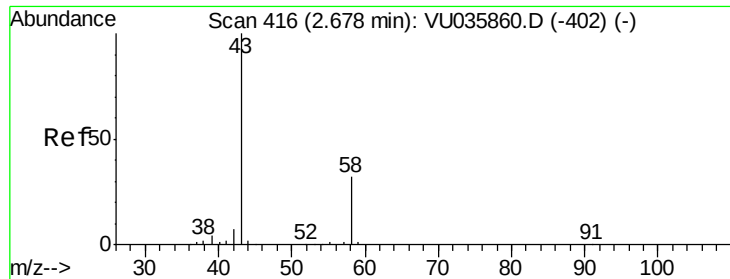
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.302 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

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Acq: 26 Nov 2019 23:22

Instrument :

MSVOA_U

ClientSampled :

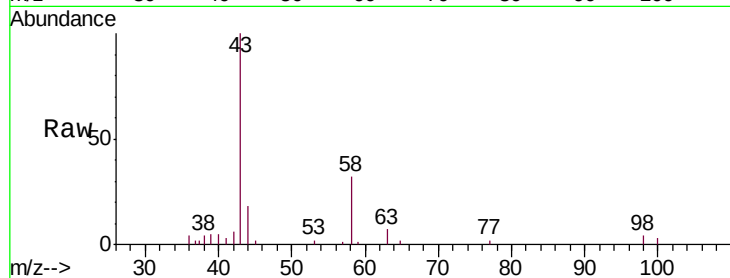
C0AA9

Tgt Ion: 43 Resp: 18182

Ion Ratio Lower Upper

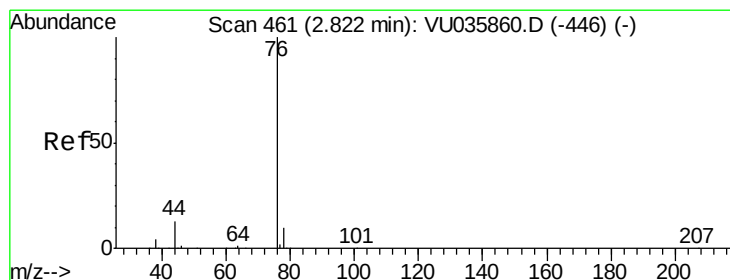
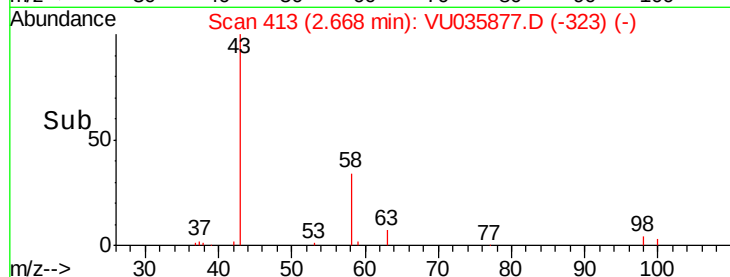
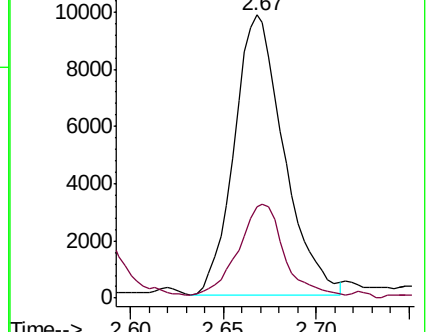
43 100

58 28.8 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035860.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035860.D (-402) (-)



#14

Carbon disulfide

Concen: 1.320 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035877.D

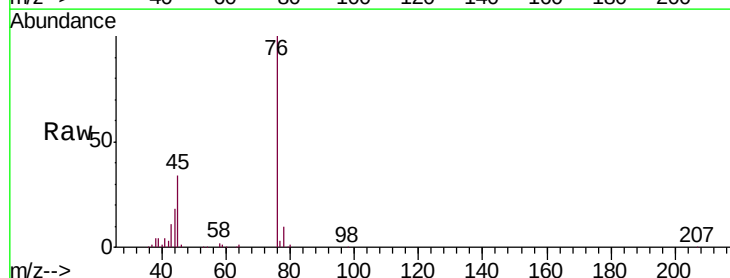
Acq: 26 Nov 2019 23:22

Tgt Ion: 76 Resp: 94624

Ion Ratio Lower Upper

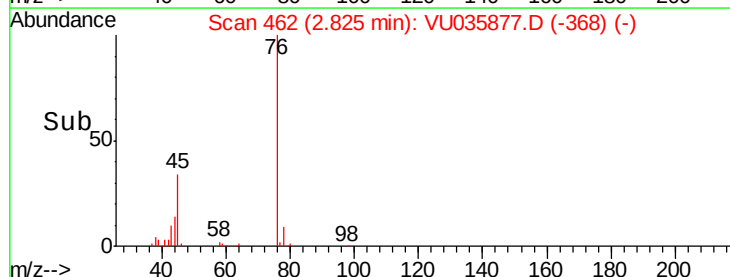
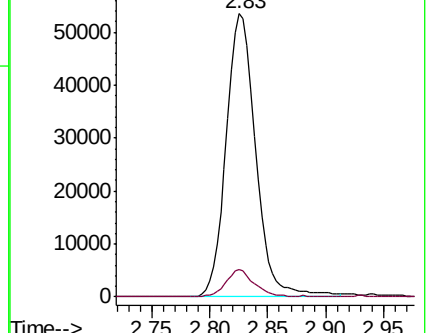
76 100

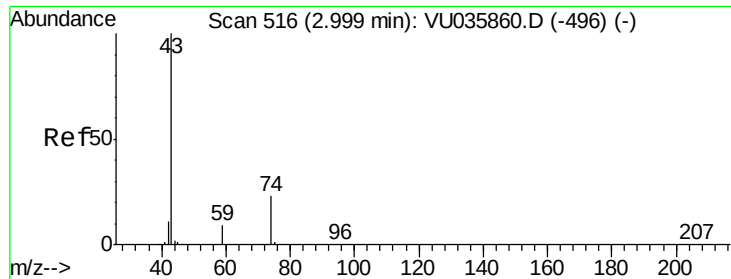
78 9.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035860.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035860.D (-446) (-)

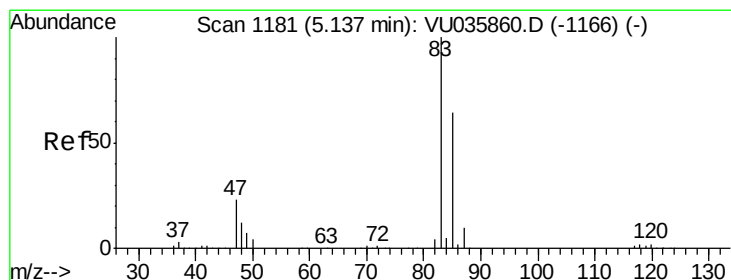
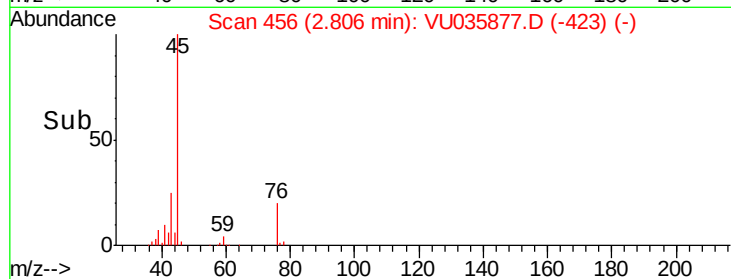
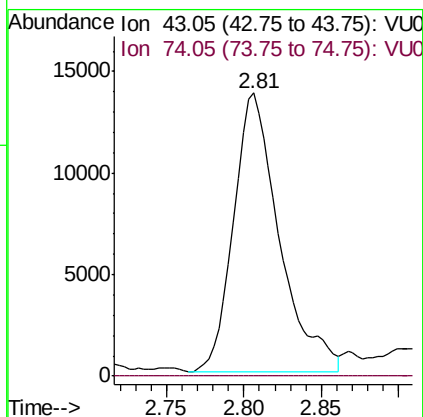
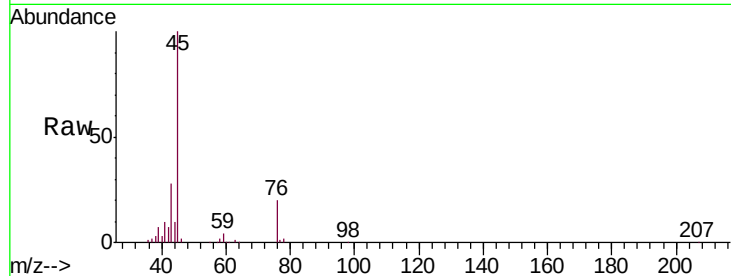




#15
Methyl Acetate
Concen: 2.568 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.19 min
Lab File: VU035877.D
Acq: 26 Nov 2019 23:22

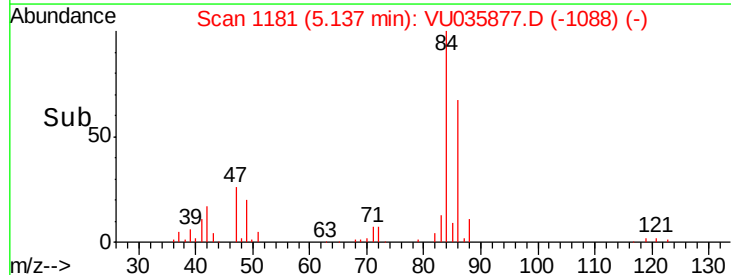
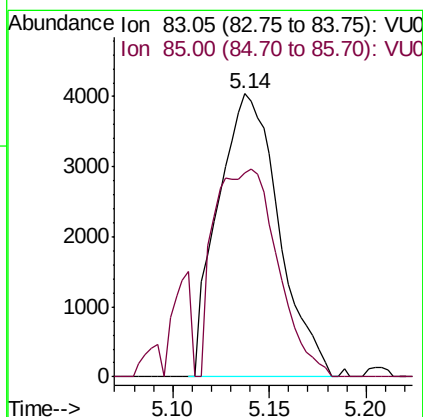
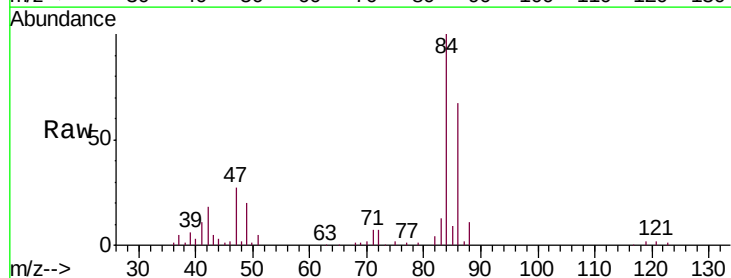
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

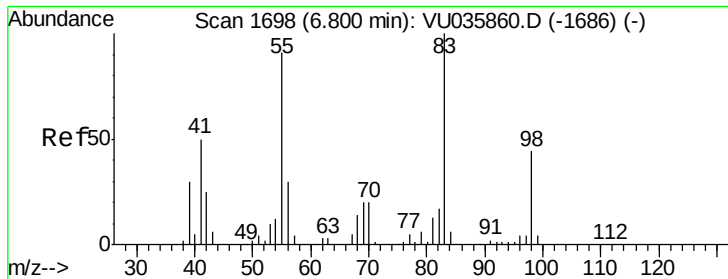
Tgt Ion: 43 Resp: 28351
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#25
Chloroform
Concen: 0.191 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035877.D
Acq: 26 Nov 2019 23:22

Tgt Ion: 83 Resp: 8874
Ion Ratio Lower Upper
83 100
85 72.0 44.6 82.8

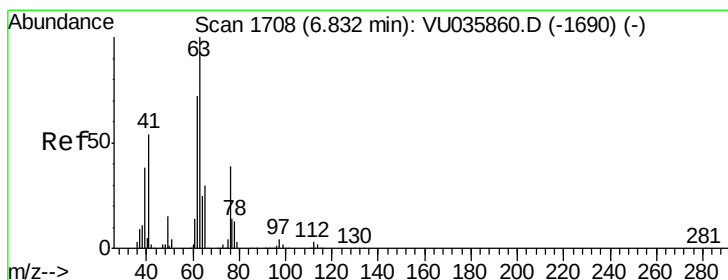
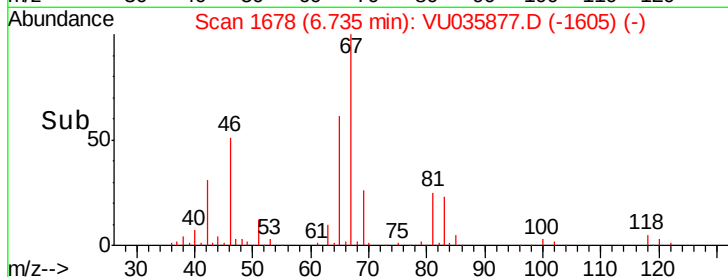
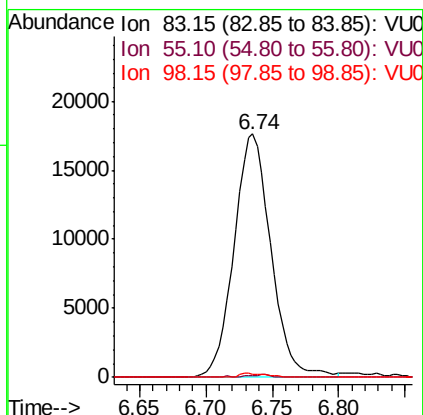
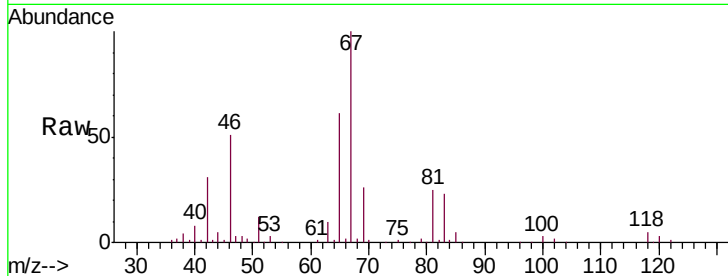




#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035877.D
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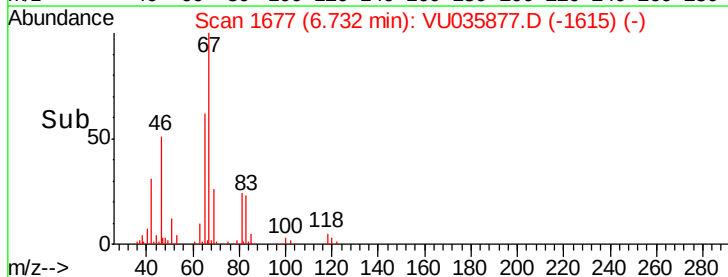
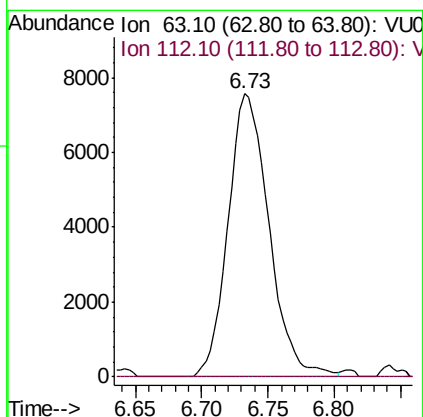
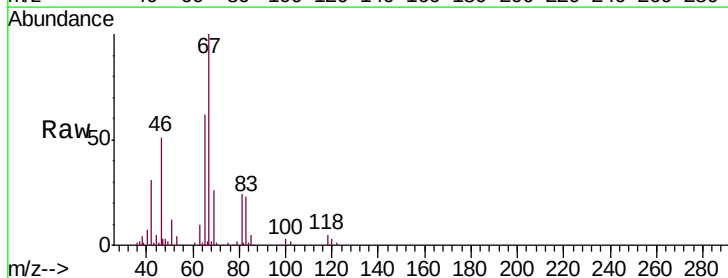
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

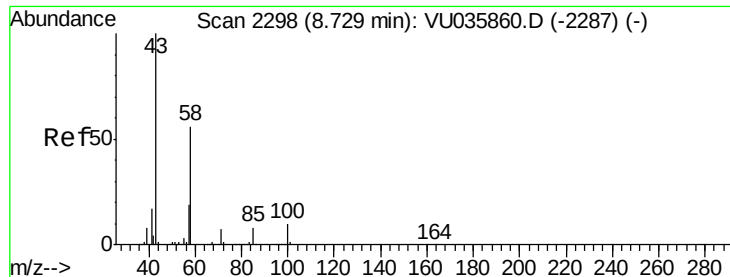
Tgt Ion: 83 Resp: 34171
Ion Ratio Lower Upper
83 100
55 0.6 72.7 109.1#
98 1.1 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035877.D
Acq: 26 Nov 2019 23:22

Tgt Ion: 63 Resp: 16245
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

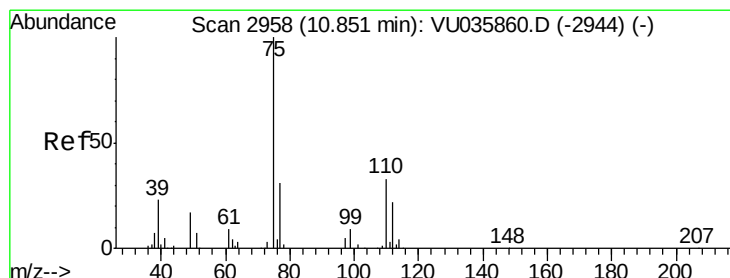
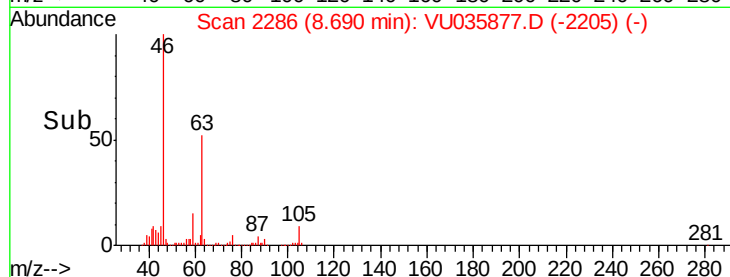
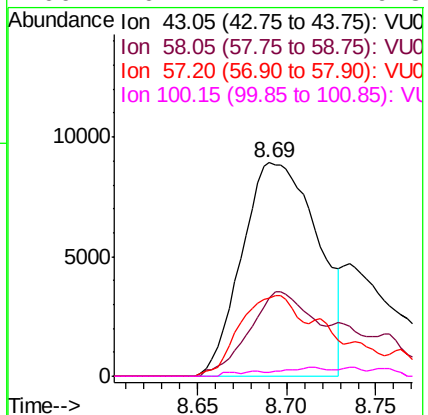
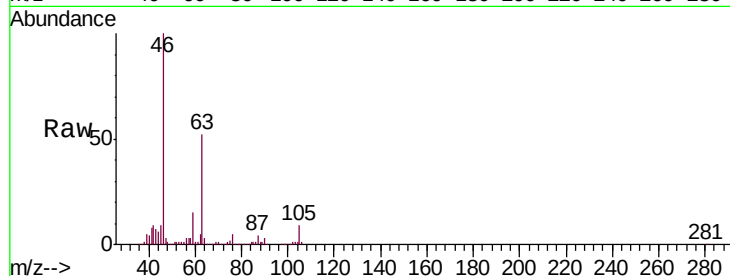




#48
 2-Hexanone
 Concen: 2.011 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035877.D
 Acq: 26 Nov 2019 23:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Tgt Ion: 43 Resp: 26451
 Ion Ratio Lower Upper
 43 100
 58 33.3 39.8 59.8#
 57 30.4 14.0 21.0#
 100 0.7 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.439 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035877.D
 Acq: 26 Nov 2019 23:22

Tgt Ion: 75 Resp: 8310
 Ion Ratio Lower Upper
 75 100
 77 40.5 25.4 38.2#

