

Data File : VU036168.D
Acq On : 12 Dec 2019 23:13
Operator : JC/MD
Sample : K6273-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ8

Quant Time: Dec 13 02:47:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	300937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123844	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	120566	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	135130	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.68	46	210825	48.70	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	5.11	84	200002	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	101847	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.77	84	368107	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	121187	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	295406	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.21	79	43955	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.67	63	164085	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	105469	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	107087	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

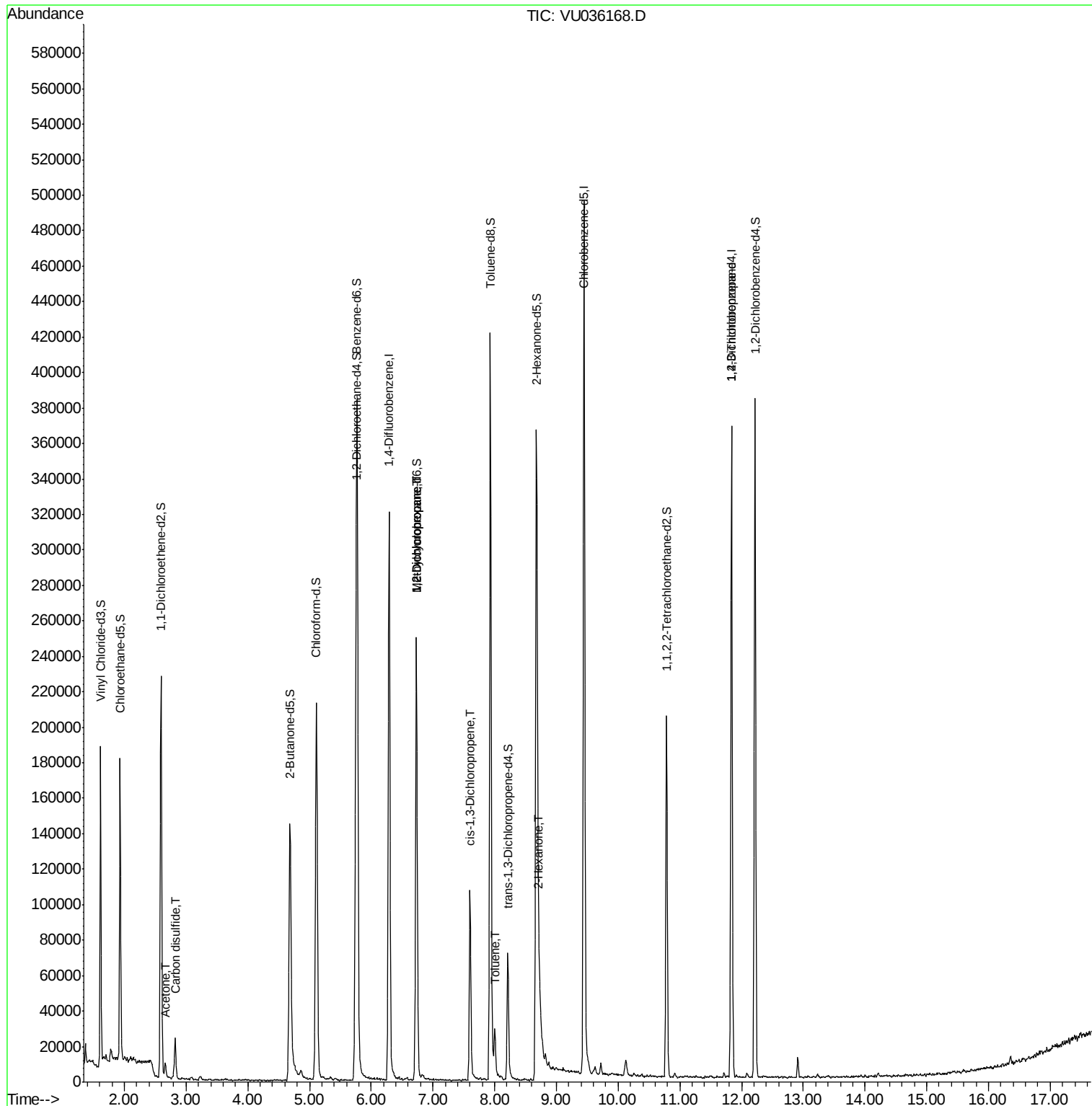
					Qvalue
13) Acetone	2.66	43	8168	2.169 ug/L	99
14) Carbon disulfide	2.82	76	31200	0.469 ug/L	100
35) Methylcyclohexane	6.73	83	28673	0.850 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12885	0.540 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2710	0.086 ug/L #	42
42) Toluene	8.00	91	18636	0.190 ug/L	89
48) 2-Hexanone	8.73	43	8442	0.955 ug/L #	43
59) 1,2,3-Trichloropropane	11.84	75	11982	0.761 ug/L	94

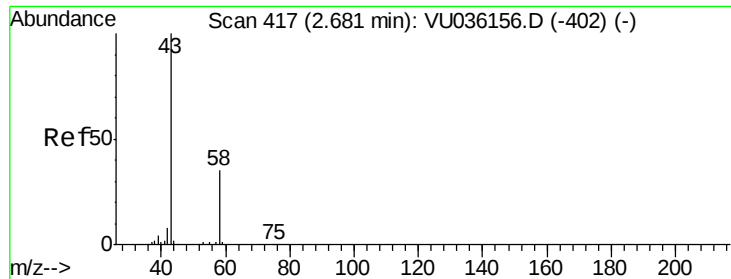
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.169 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036168.D

Acq: 12 Dec 2019 23:13

Instrument :

MSVOA_U

ClientSampleId :

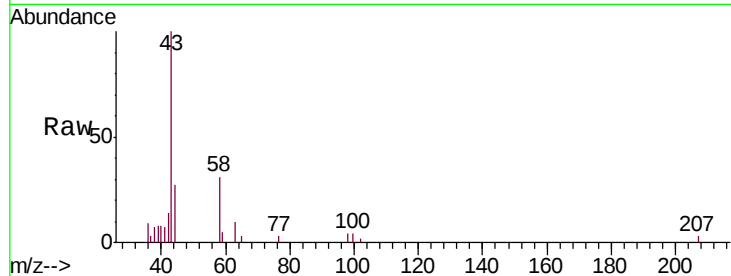
BFDQ8

Tgt Ion: 43 Resp: 8168

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0

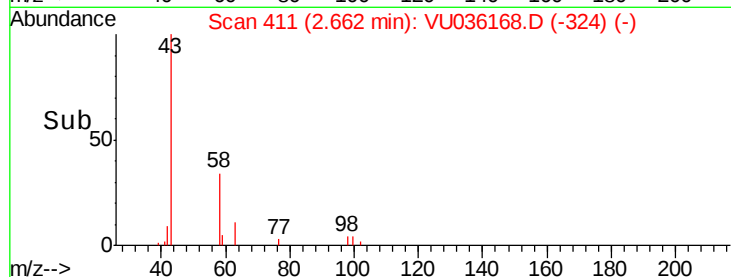


Abundance Ion 43.05 (42.75 to 43.75): VU036156.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036156.D (-402) (-)

2.66

Time-->

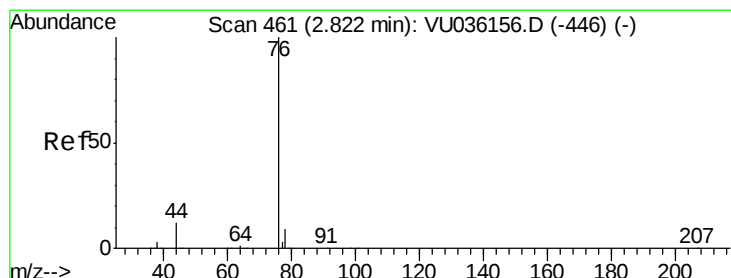


Abundance Ion 43.05 (42.75 to 43.75): VU036168.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036168.D (-324) (-)

2.66

Time-->



#14

Carbon disulfide

Concen: 0.469 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036168.D

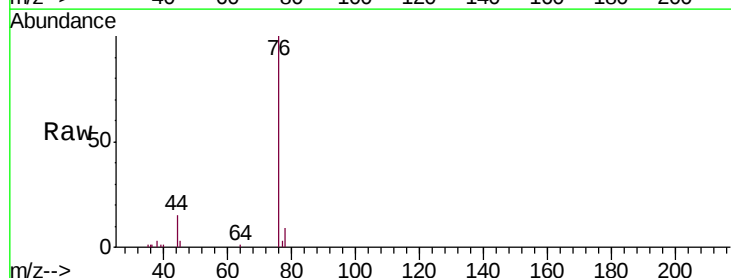
Acq: 12 Dec 2019 23:13

Tgt Ion: 76 Resp: 31200

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

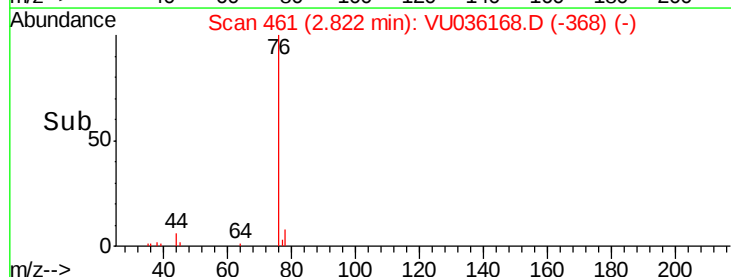


Abundance Ion 76.05 (75.75 to 76.75): VU036156.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036156.D (-446) (-)

2.82

Time-->

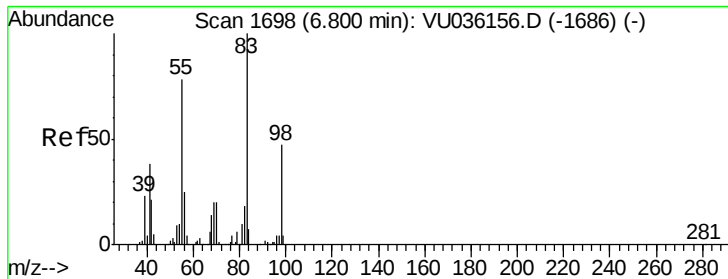


Abundance Ion 76.05 (75.75 to 76.75): VU036168.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036168.D (-368) (-)

2.82

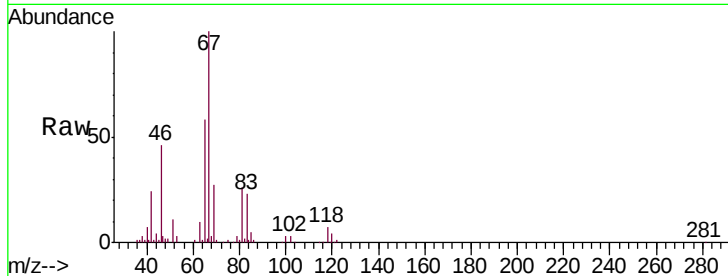
Time-->



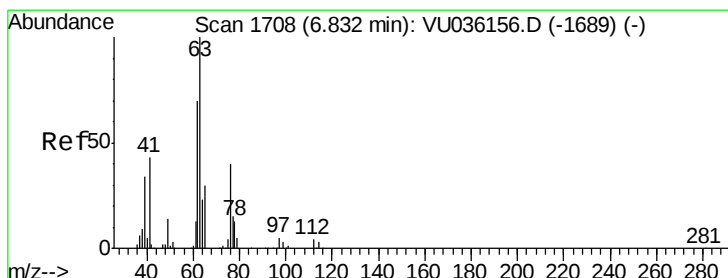
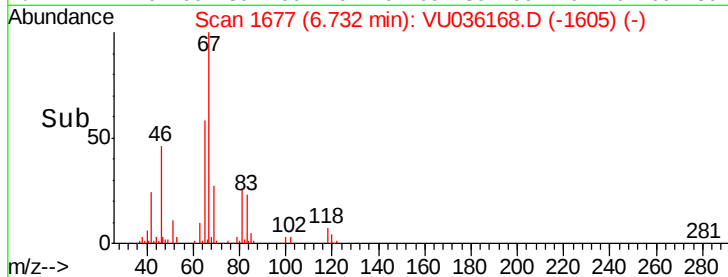
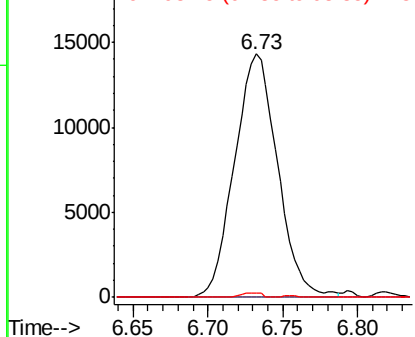
#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036168.D
Acq: 12 Dec 2019 23:13

Instrument :
MSVOA_U
ClientSampleId :
BFDQ8

Tgt Ion: 83 Resp: 28673
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 35.8 53.6#

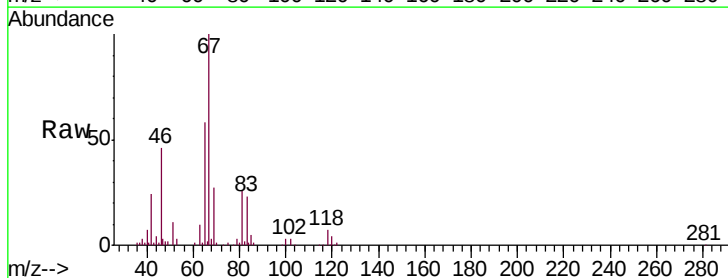


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

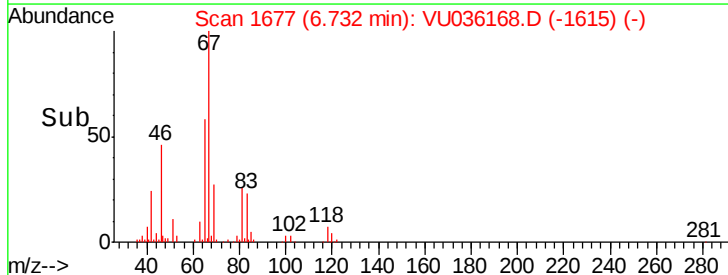
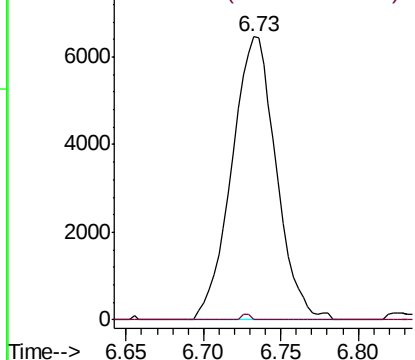


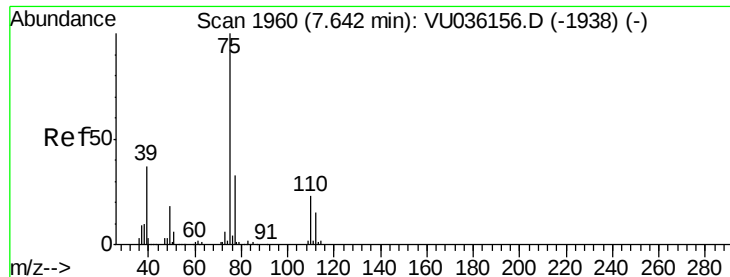
#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036168.D
Acq: 12 Dec 2019 23:13

Tgt Ion: 63 Resp: 12885
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

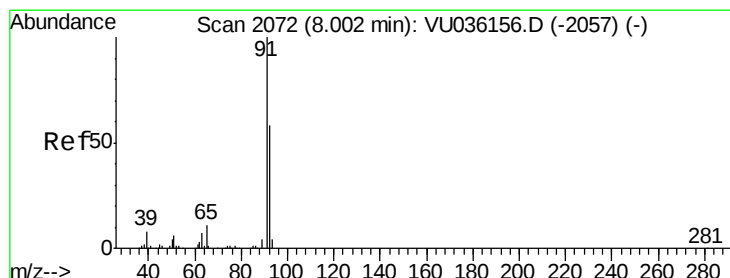
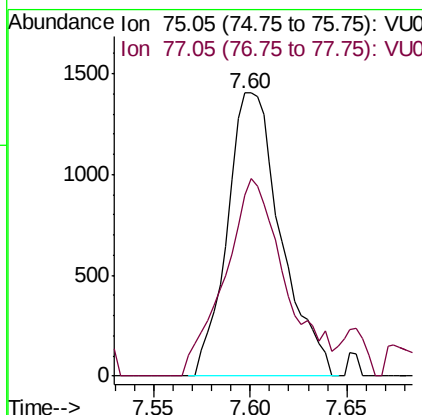
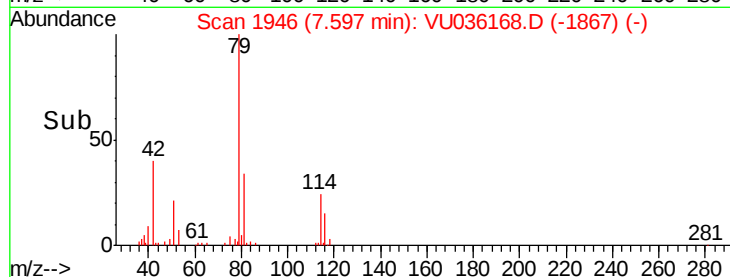
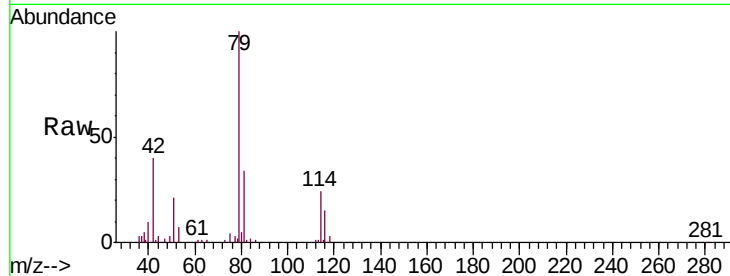




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036168.D
 Acq: 12 Dec 2019 23:13

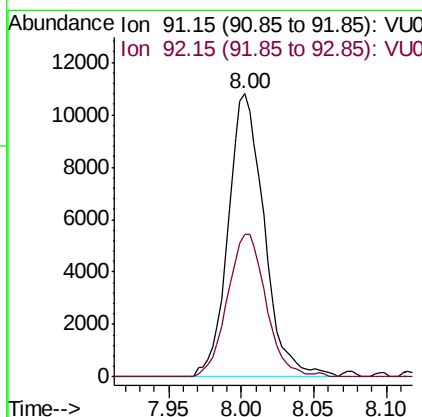
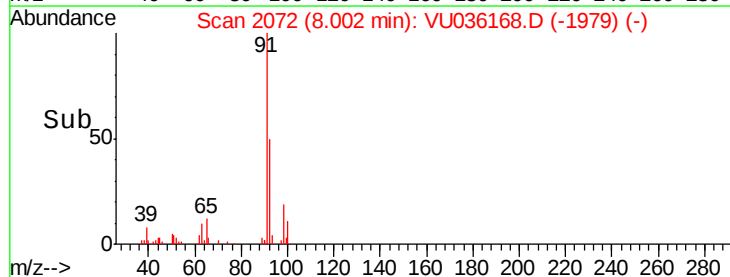
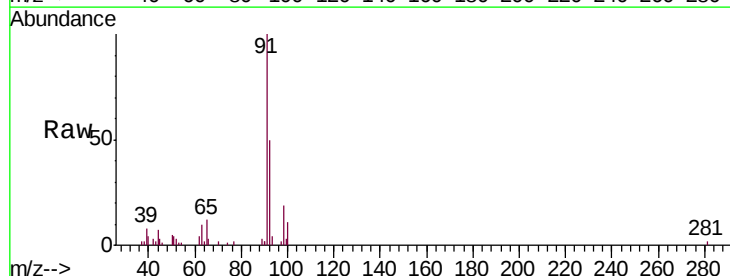
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ8

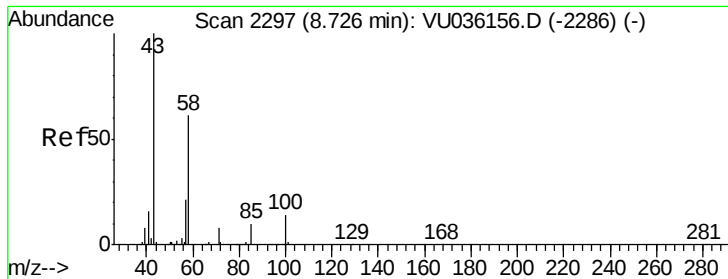
Tgt Ion: 75 Resp: 2710
 Ion Ratio Lower Upper
 75 100
 77 64.1 22.3 41.5#



#42
 Toluene
 Concen: 0.190 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036168.D
 Acq: 12 Dec 2019 23:13

Tgt Ion: 91 Resp: 18636
 Ion Ratio Lower Upper
 91 100
 92 50.3 40.7 75.7

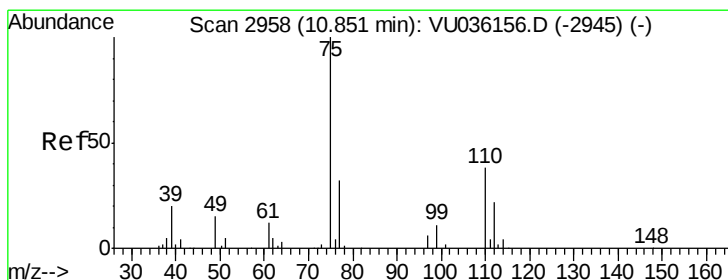
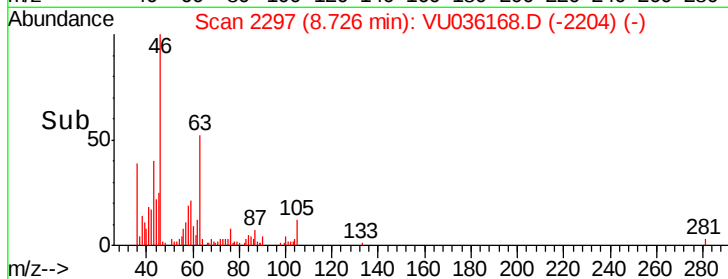
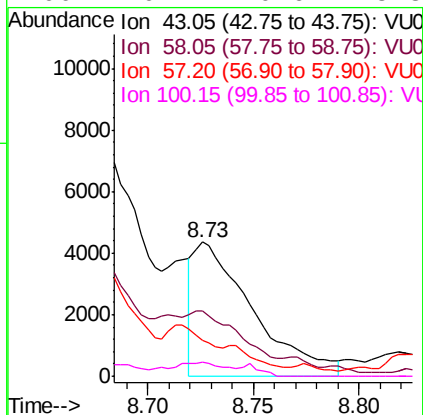
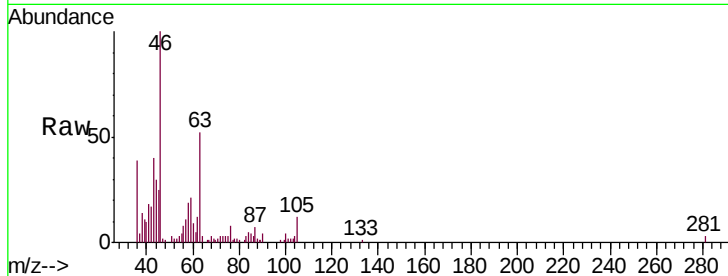




#48
2-Hexanone
Concen: 0.955 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036168.D
Acq: 12 Dec 2019 23:13

Instrument :
MSVOA_U
ClientSampleId :
BFDQ8

Tgt Ion: 43 Resp: 8442
Ion Ratio Lower Upper
43 100
58 0.0 48.6 72.8#
57 10.6 16.7 25.1#
100 10.2 10.6 15.8#



#59
1,2,3-Trichloropropane
Concen: 0.761 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036168.D
Acq: 12 Dec 2019 23:13

Tgt Ion: 75 Resp: 11982
Ion Ratio Lower Upper
75 100
77 36.5 26.6 39.8

