

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035885.D
 Acq On : 27 Nov 2019 10:31
 Operator : JC/SP
 Sample : K6057-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	67220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	139007	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	130057	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	173900	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.69	46	270425	39.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.16%
24) Chloroform-d	5.11	84	220258	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.75	65	129468	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	452677	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	153637	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	346464	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.21	79	46680	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.69	63	213398	41.25	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117355	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	73920	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

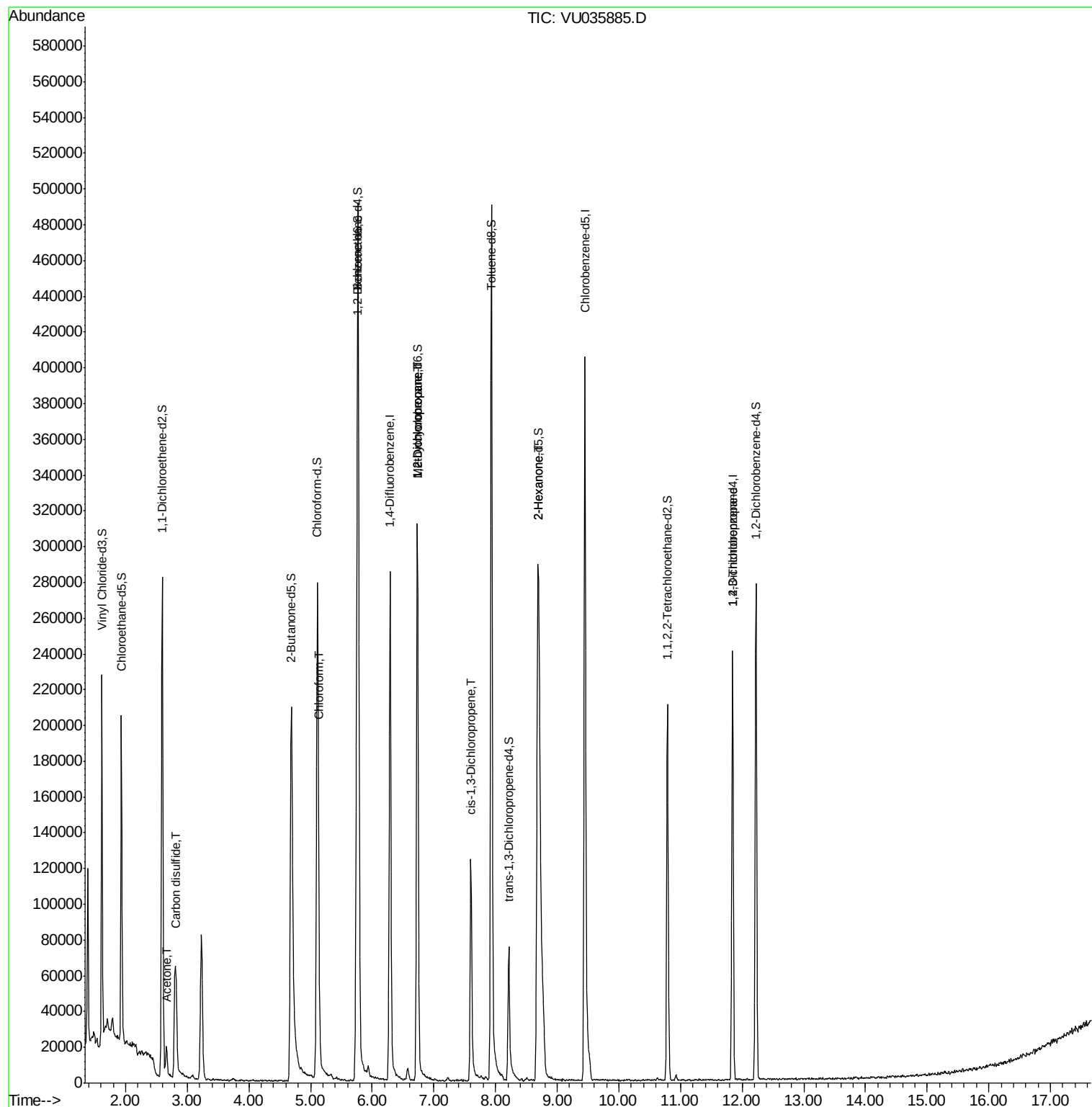
					Ovalue
13) Acetone	2.66	43	18416	3.069	ug/L 100
14) Carbon disulfide	2.83	76	46214	0.592	ug/L 99
25) Chloroform	5.14	83	16694	0.330	ug/L 88
35) Methylcyclohexane	6.73	83	33998	0.880	ug/L # 13
37) 1,2-Dichloropropane	6.73	63	16686	0.548	ug/L # 90
39) cis-1,3-Dichloropropene	7.61	75	3320	0.084	ug/L # 69
48) 2-Hexanone	8.69	43	34960	2.539	ug/L # 60
59) 1,2,3-Trichloropropane	11.84	75	9073	0.458	ug/L # 88

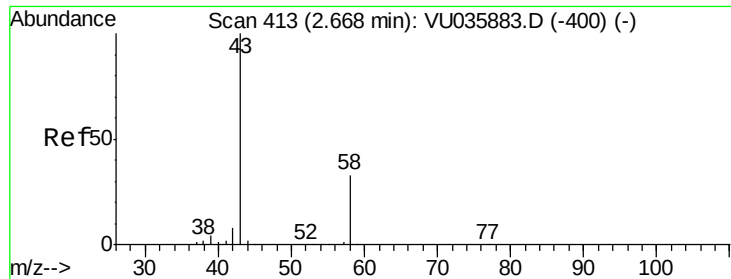
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.069 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035885.D

Acq: 27 Nov 2019 10:31

Instrument :

MSVOA_U

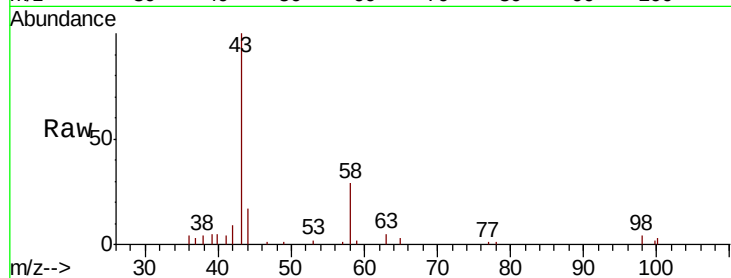
ClientSampled :

Tot Ion: 43 Resp: 18416

Ion Ratio Lower Upper

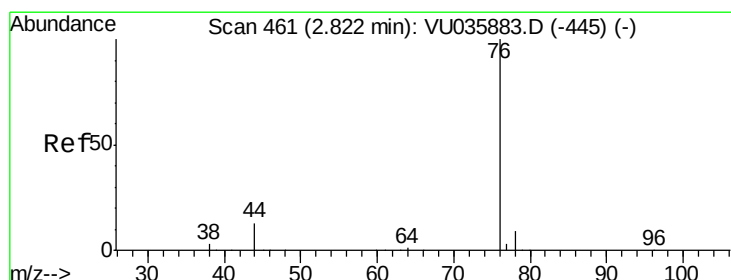
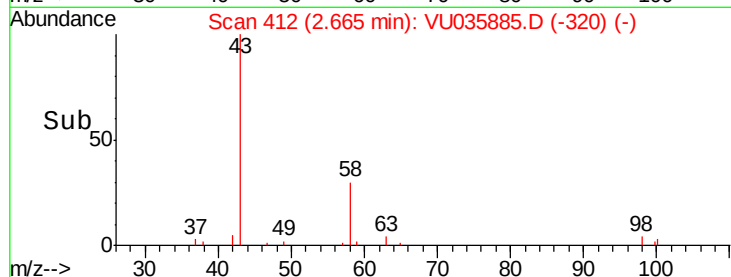
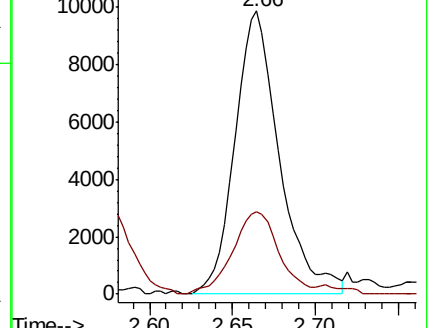
43 100

58 30.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035883.D (-400) (-)



#14

Carbon disulfide

Concen: 0.592 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035885.D

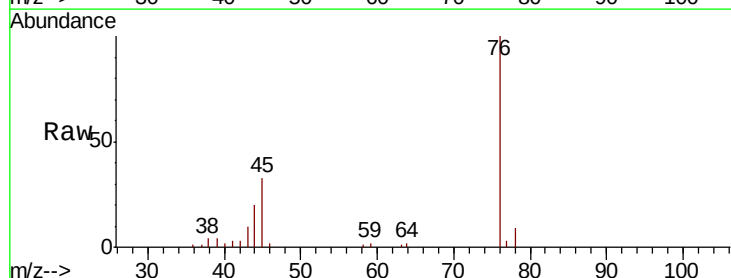
Acq: 27 Nov 2019 10:31

Tgt Ion: 76 Resp: 46214

Ion Ratio Lower Upper

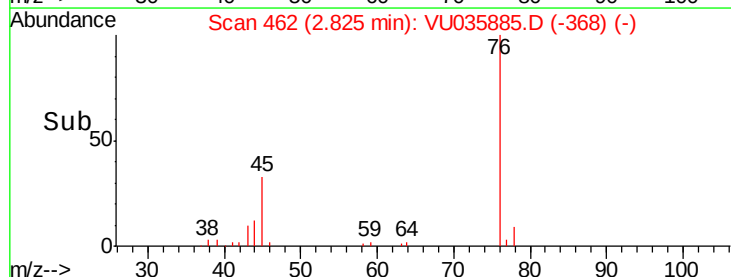
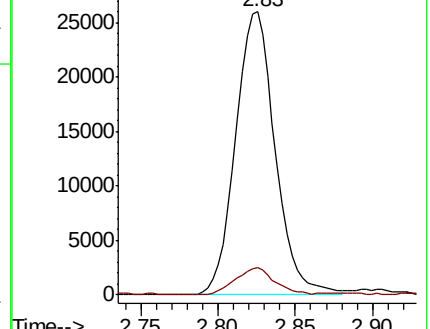
76 100

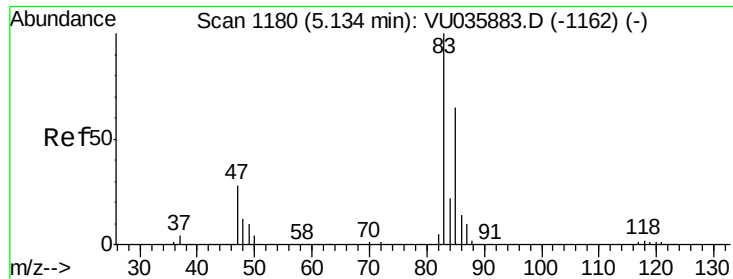
78 9.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035883.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035883.D (-445) (-)

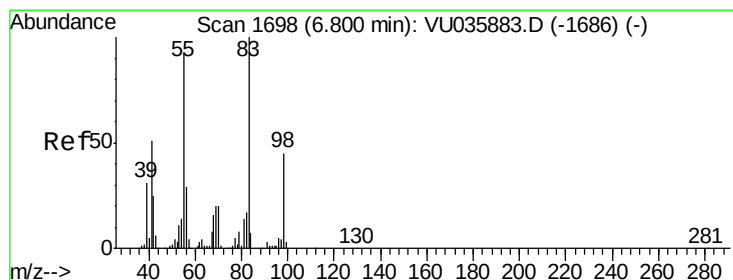
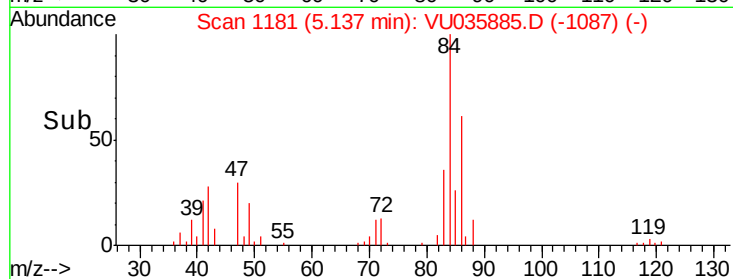
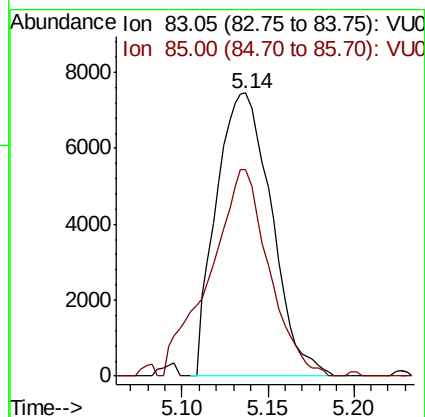
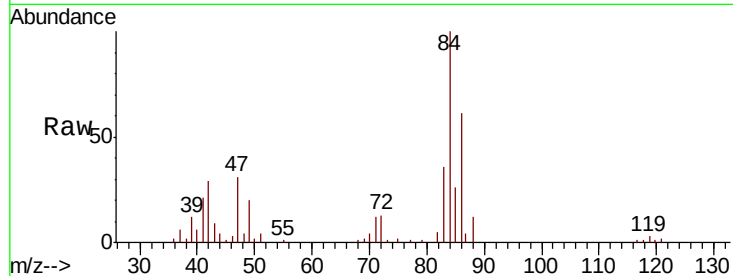




#25
Chloroform
Concen: 0.330 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035885.D
Acq: 27 Nov 2019 10:31

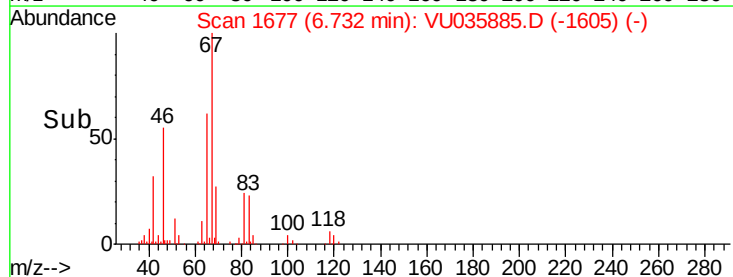
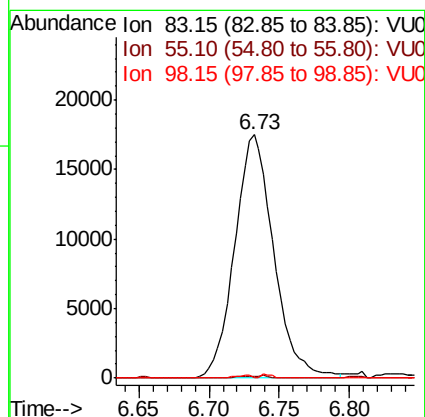
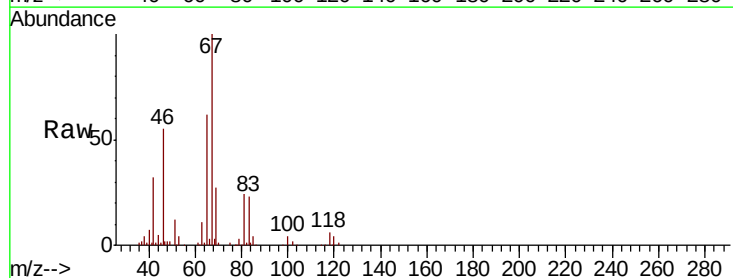
Instrument :
MSVOA_U
ClientSampleId :

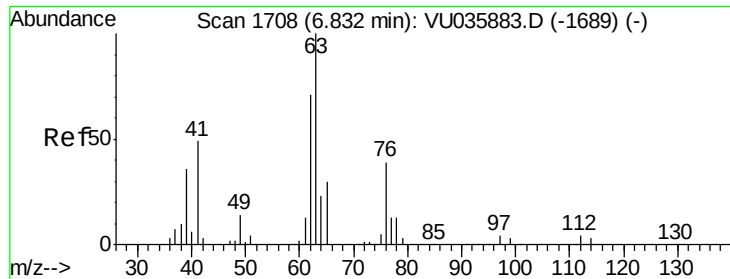
Tot Ion: 83 Resp: 16694
Ion Ratio Lower Upper
83 100
85 72.9 44.6 82.8



#35
Methylcyclohexane
Concen: 0.880 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035885.D
Acq: 27 Nov 2019 10:31

Tgt Ion: 83 Resp: 33998
Ion Ratio Lower Upper
83 100
55 0.3 72.7 109.1#
98 0.4 36.2 54.4#

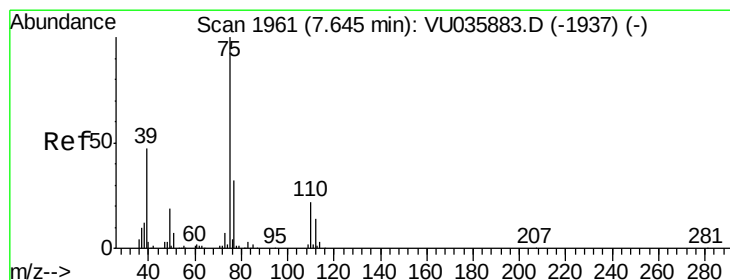
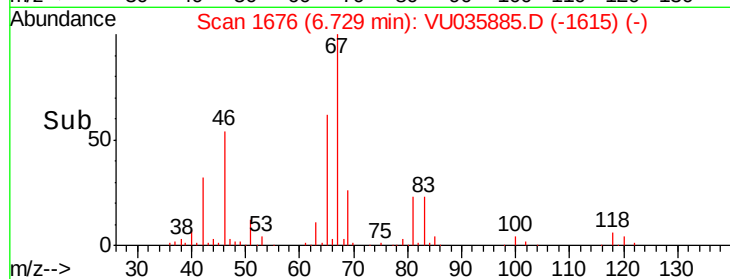
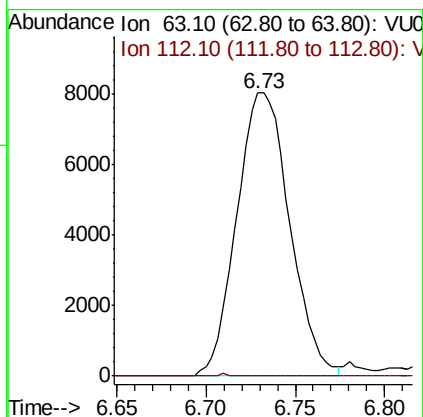
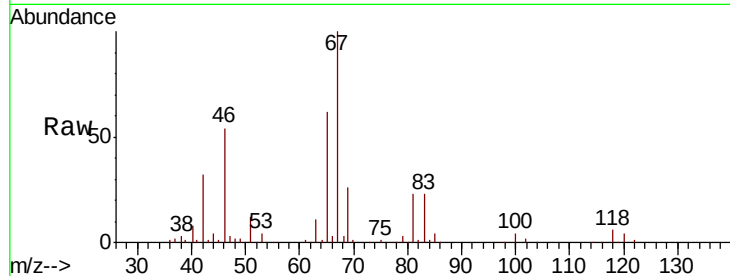




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU035885.D
 Acq: 27 Nov 2019 10:31

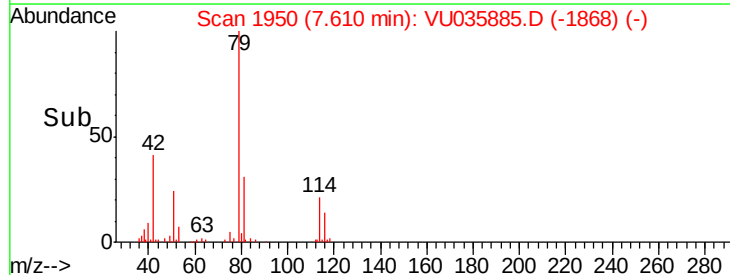
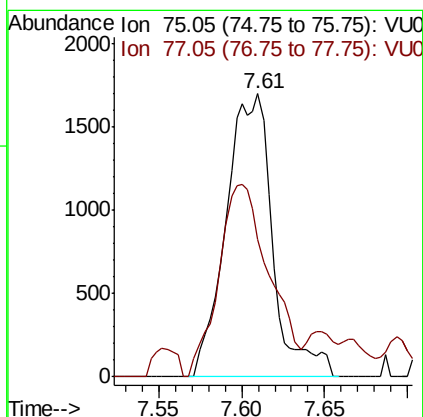
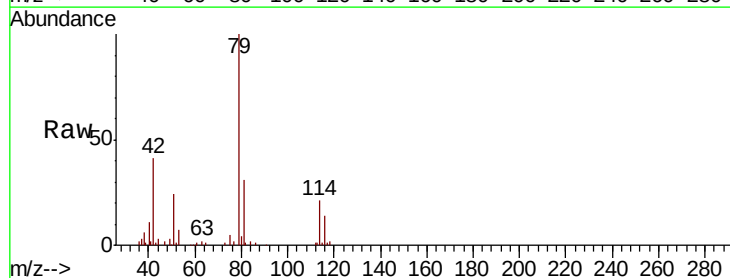
Instrument :
 MSVOA_U
 ClientSampled :

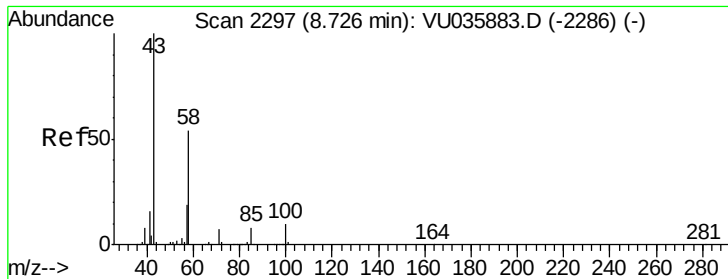
Tot Ion: 63 Resp: 16686
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.04 min
 Lab File: VU035885.D
 Acq: 27 Nov 2019 10:31

Tgt Ion: 75 Resp: 3320
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.1 41.1#

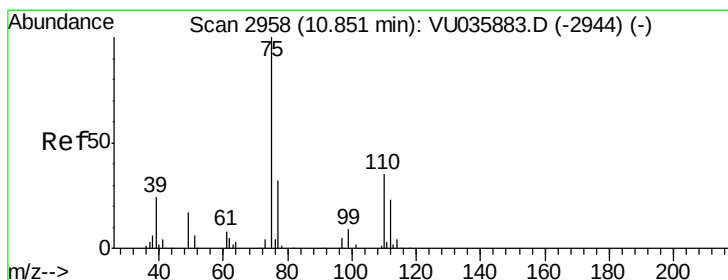
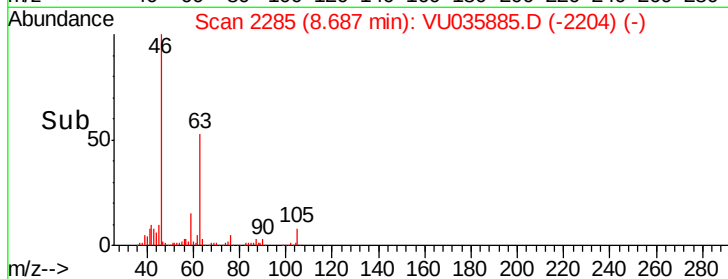
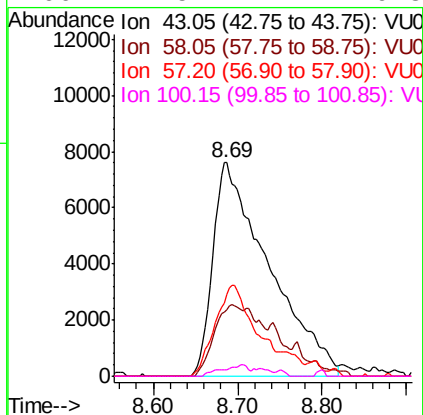
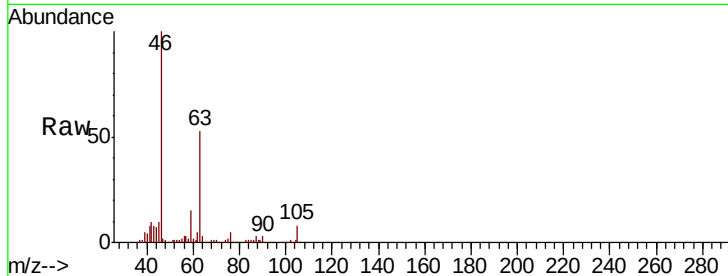




#48
2-Hexanone
Concen: 2.539 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VU035885.D
Acq: 27 Nov 2019 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 34960
Ion Ratio Lower Upper
43 100
58 16.6 39.8 59.8#
57 30.5 14.0 21.0#
100 2.5 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.458 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035885.D
Acq: 27 Nov 2019 10:31

Tgt Ion: 75 Resp: 9073
Ion Ratio Lower Upper
75 100
77 38.3 25.4 38.2#

