

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035755.D
 Acq On : 18 Nov 2019 20:02
 Operator : JC/SP
 Sample : K5910-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:38:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	181777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	209299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81349	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83086	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	81517	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	112871	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.70	46	254425	61.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.18%
24) Chloroform-d	5.11	84	153521	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.75	65	89541	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.77	84	311547	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	107563	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	243061	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.22	79	37324	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.68	63	175220	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101656	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	89046	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

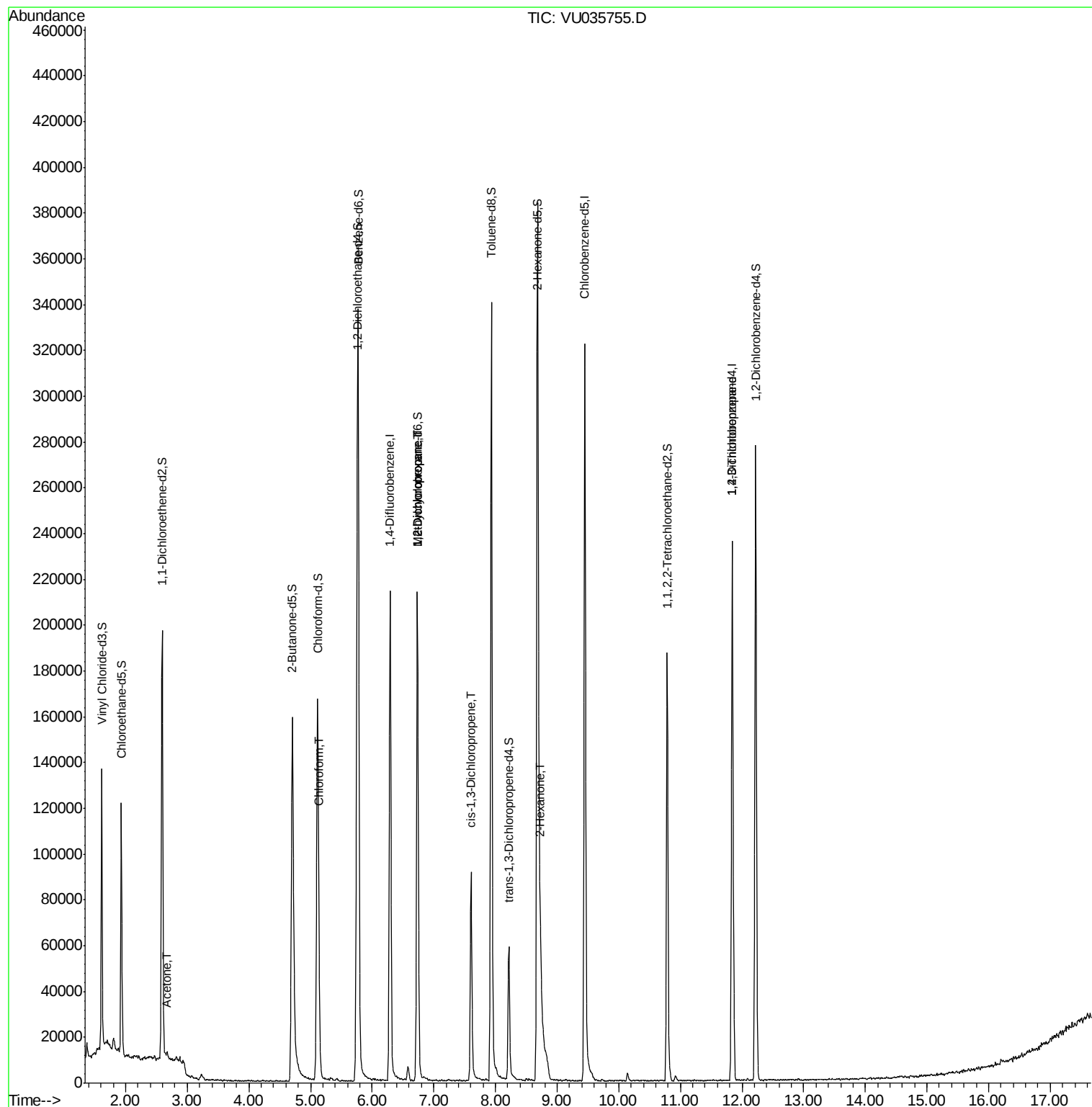
					Ovalue
13) Acetone	2.67	43	3230	1.084	ug/L 97
25) Chloroform	5.14	83	21390	0.644	ug/L 94
35) Methylcyclohexane	6.73	83	25008	0.871	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	11529	0.594	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	2549	0.092	ug/L # 30
48) 2-Hexanone	8.73	43	14551	1.835	ug/L # 86
59) 1,2,3-Trichloropropane	11.84	75	8156	0.635	ug/L # 87

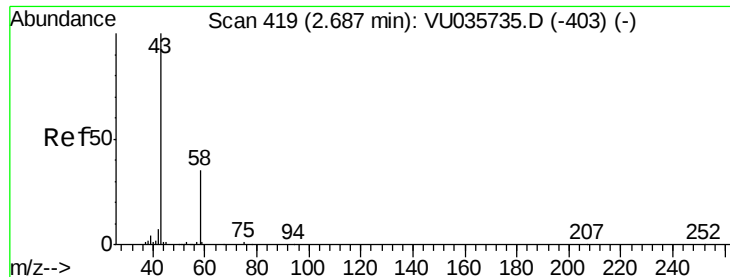
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.084 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035755.D

Acq: 18 Nov 2019 20:02

Instrument :

MSVOA_U

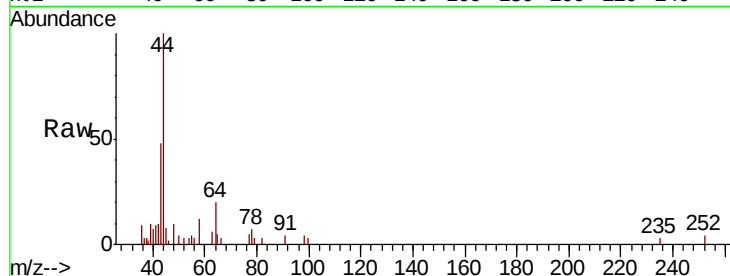
ClientSampleId :

Tot Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

58 33.2 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)

2.67

2000

1500

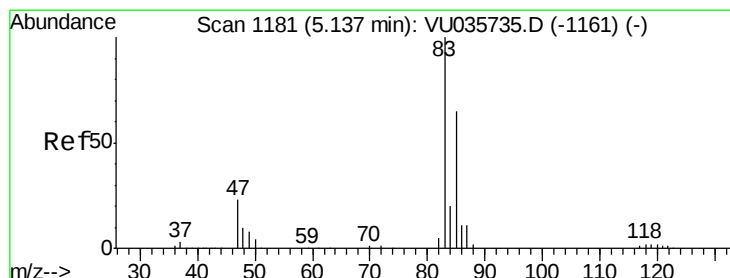
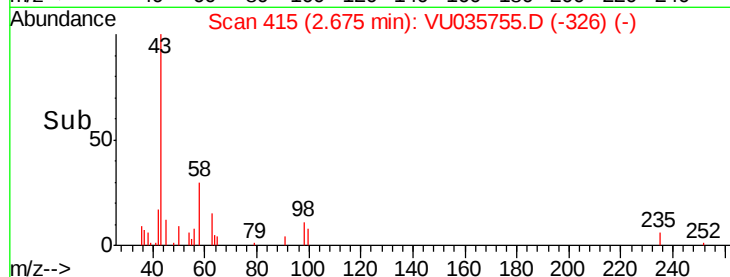
1000

500

0

2.65 2.70

Time-->



#25

Chloroform

Concen: 0.644 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035755.D

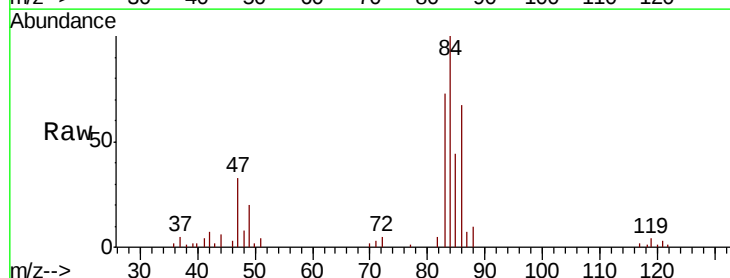
Acq: 18 Nov 2019 20:02

Tgt Ion: 83 Resp: 21390

Ion Ratio Lower Upper

83 100

85 60.4 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035735.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035735.D (-1161) (-)

5.14

10000

8000

6000

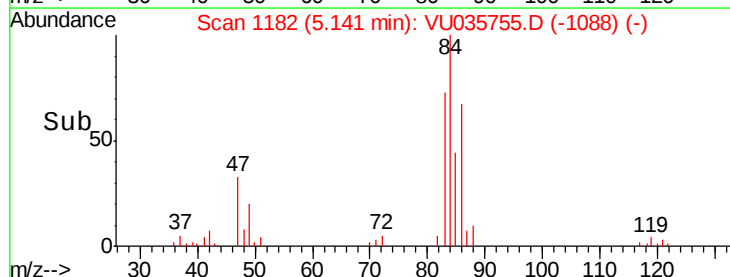
4000

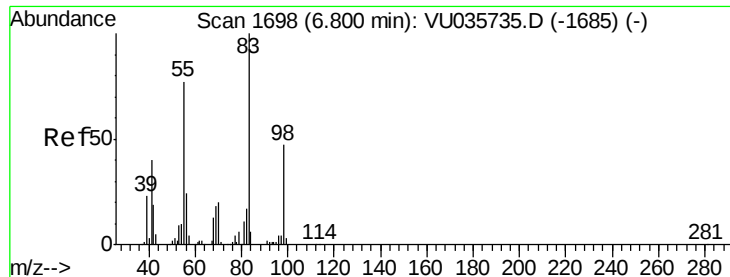
2000

0

5.05 5.10 5.15 5.20

Time-->

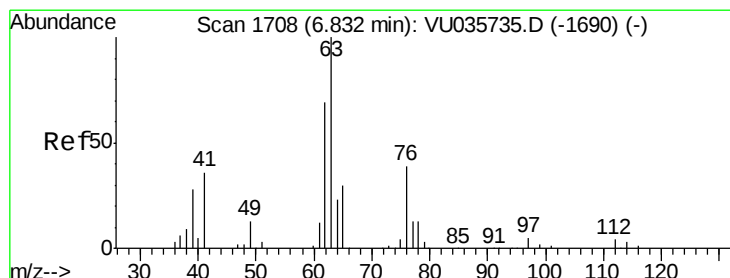
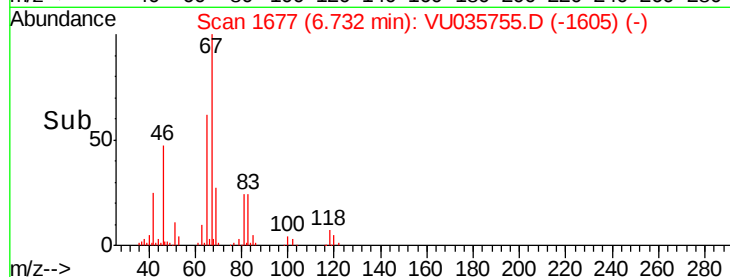
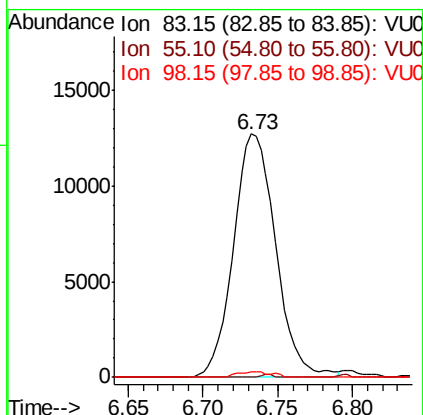
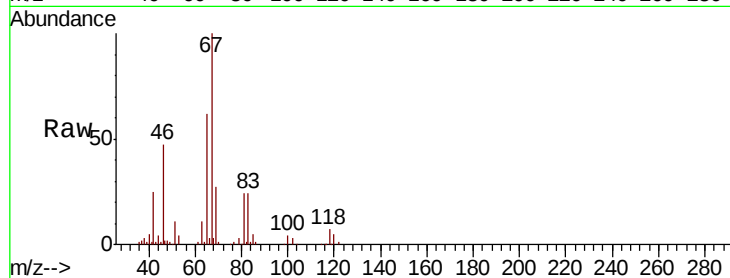




#35
Methvlcvclohexane
Concen: 0.871 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035755.D
Acq: 18 Nov 2019 20:02

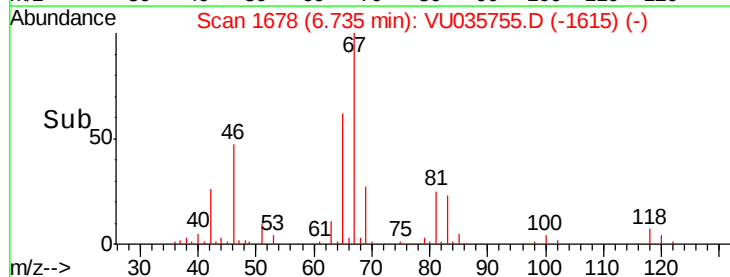
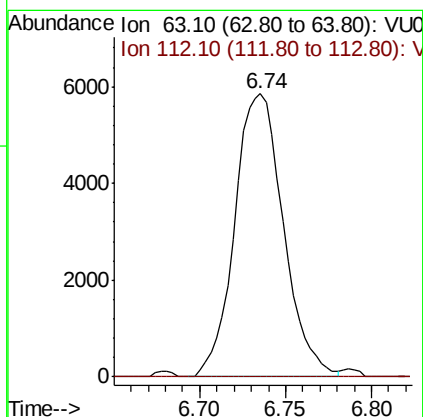
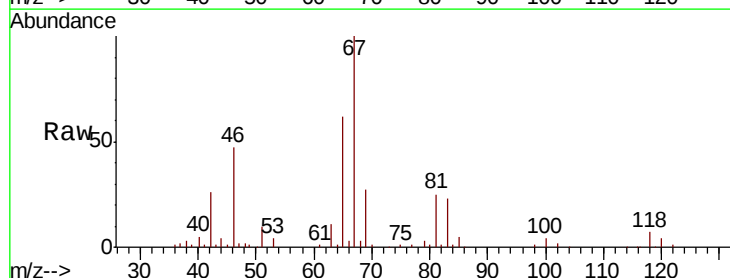
Instrument :
MSVOA_U
ClientSampleId :

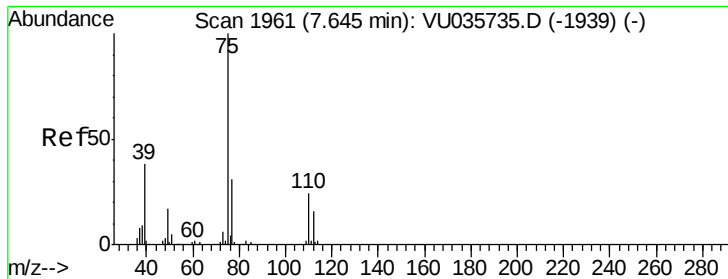
Tot Ion: 83 Resp: 25008
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 1.7 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035755.D
Acq: 18 Nov 2019 20:02

Tgt Ion: 63 Resp: 11529
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



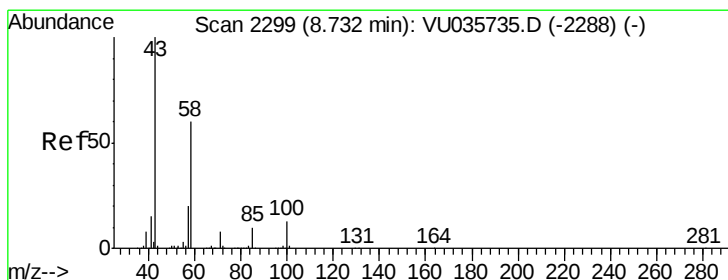
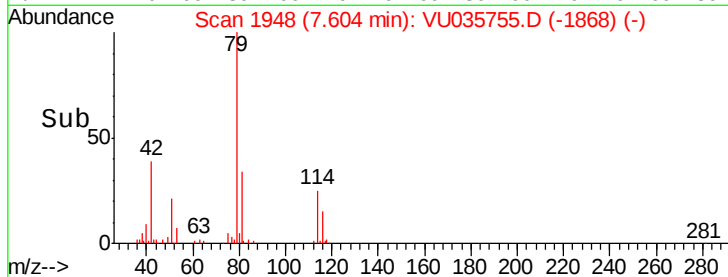
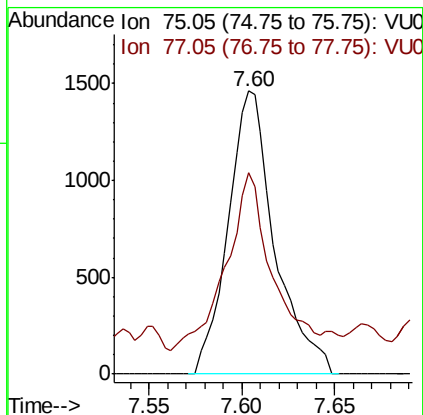
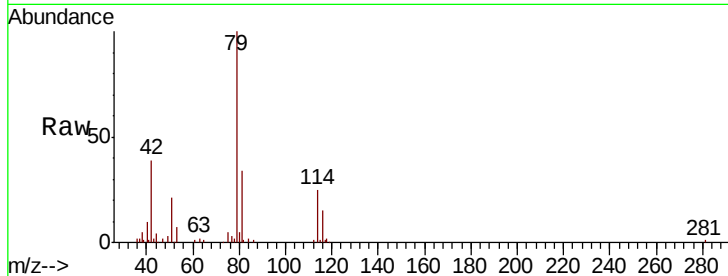


#39

cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035755.D
 Acq: 18 Nov 2019 20:02

Instrument :
 MSVOA_U
 ClientSampleId :

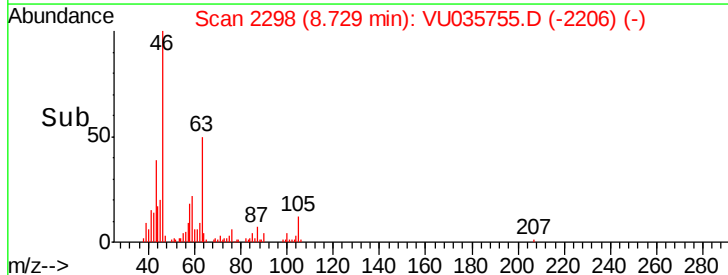
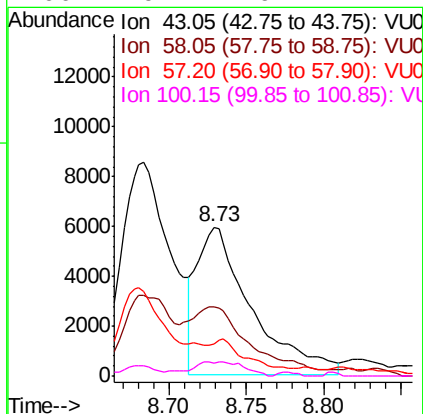
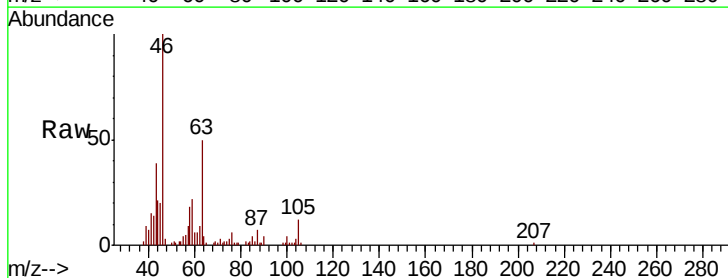
Tot Ion: 75 Resp: 2549
 Ion Ratio Lower Upper
 75 100
 77 71.1 22.5 41.7#

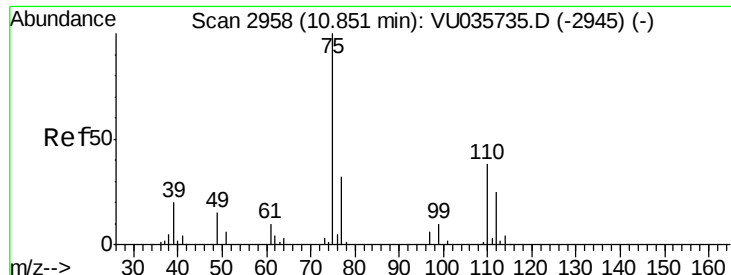


#48

2-Hexanone
 Concen: 1.835 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VU035755.D
 Acq: 18 Nov 2019 20:02

Tgt Ion: 43 Resp: 14551
 Ion Ratio Lower Upper
 43 100
 58 44.6 44.1 66.1
 57 11.8 15.1 22.7#
 100 9.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.635 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035755.D

Acq: 18 Nov 2019 20:02

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8156

Ion Ratio Lower Upper

75 100

77 40.7 26.8 40.2#

