

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
 Data File : VU035736.D
 Acq On : 18 Nov 2019 10:55
 Operator : JC/SP
 Sample : VU1118WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:35:12 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	197916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	225516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92596	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	87396	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	121401	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.71	46	238834	53.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	5.11	84	179296	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.75	65	92782	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.77	84	332991	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	113781	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	273358	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.22	79	40474	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.69	63	164752	45.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98079	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	92207	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

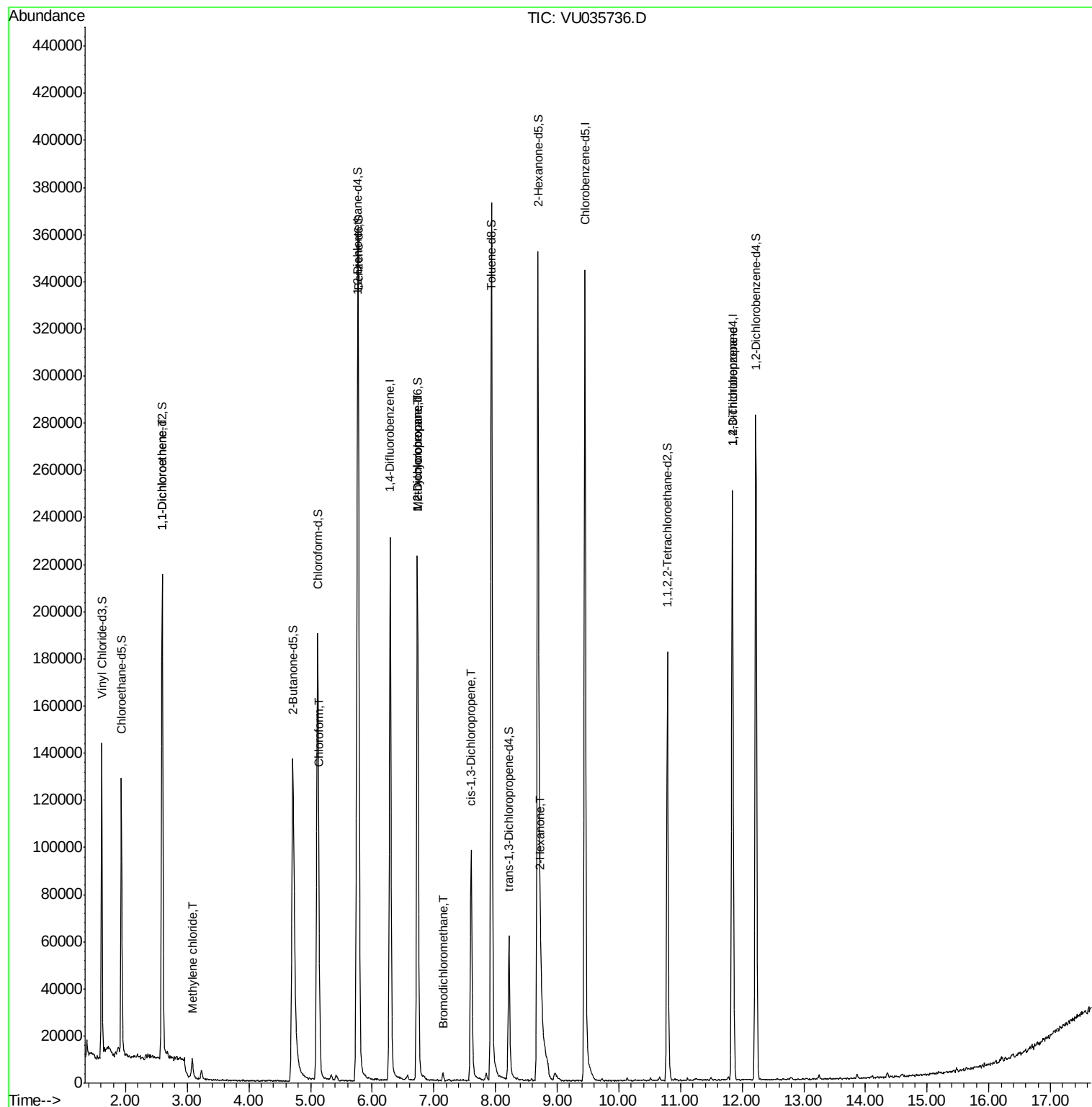
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1068	0.061	ug/L #	1
16) Methylene chloride	3.08	84	3822	0.185	ug/L	89
25) Chloroform	5.14	83	23369	0.646	ug/L	100
35) Methylcyclohexane	6.73	83	26584	0.859	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11541	0.552	ug/L #	87
38) Bromodichloromethane	7.15	83	2280	0.090	ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	2686	0.090	ug/L #	20
48) 2-Hexanone	8.74	43	9598	1.123	ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	9689	0.701	ug/L	97

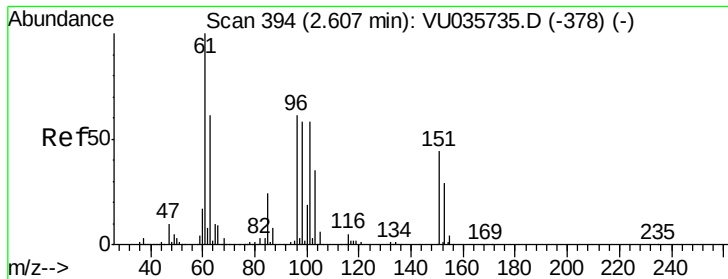
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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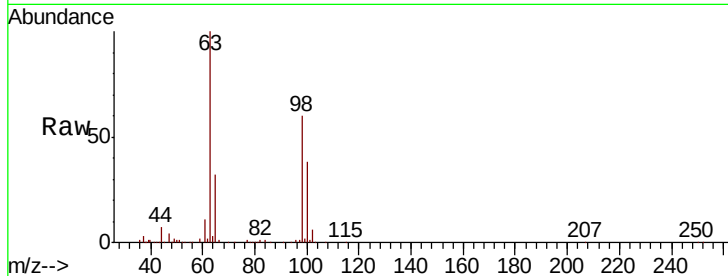




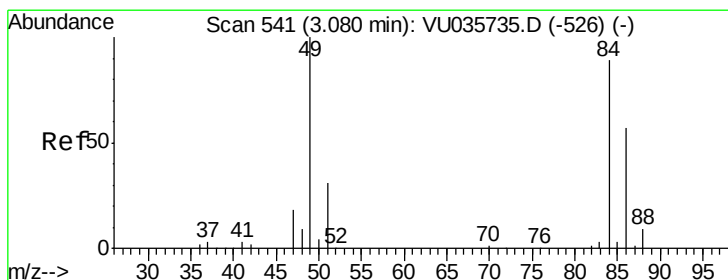
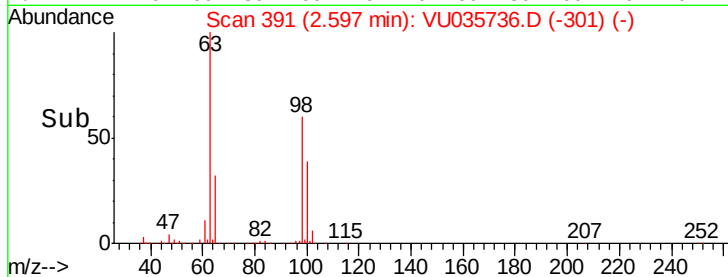
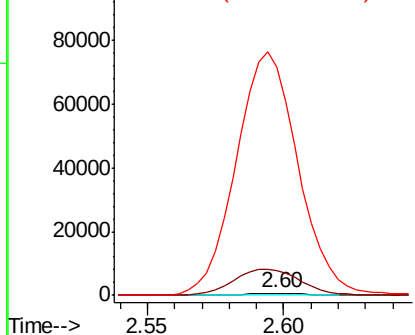
#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035736.D
Acq: 18 Nov 2019 10:55

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1068
Ion Ratio Lower Upper
96 100
61 1152.9 123.1 228.5#
63 10710.9 87.8 163.0#

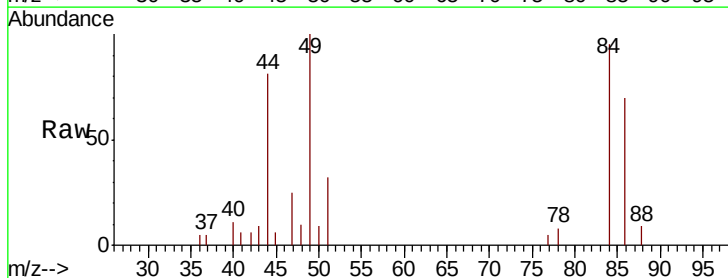


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0

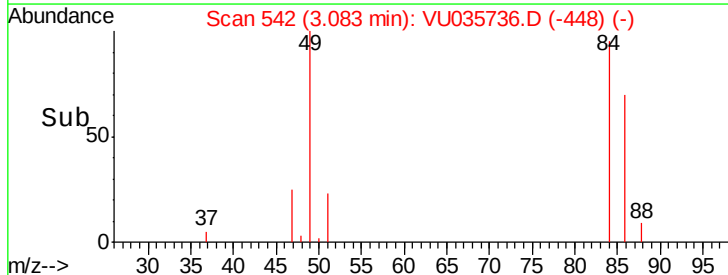
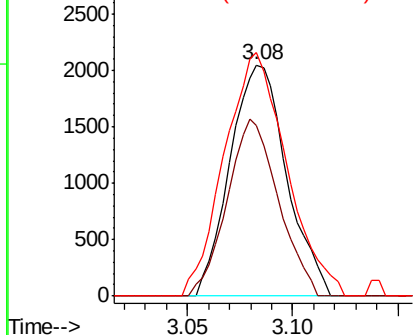


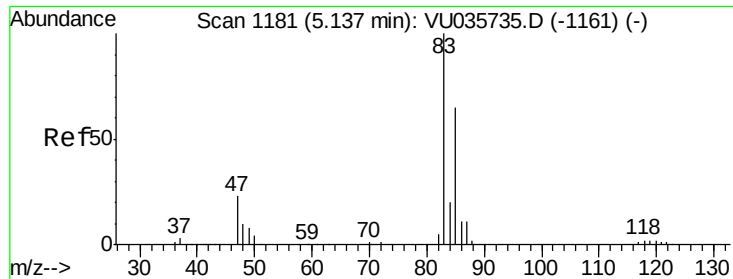
#16
Methylene chloride
Concen: 0.185 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035736.D
Acq: 18 Nov 2019 10:55

Tgt Ion: 84 Resp: 3822
Ion Ratio Lower Upper
84 100
86 73.9 45.8 85.2
49 105.3 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

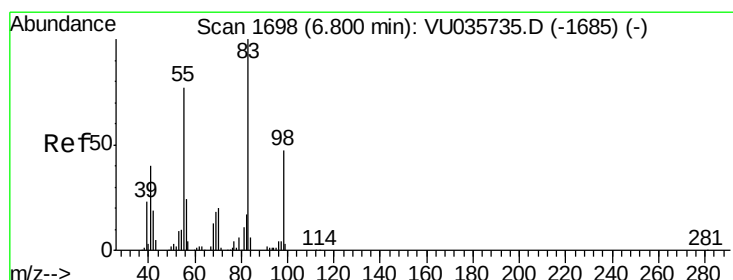
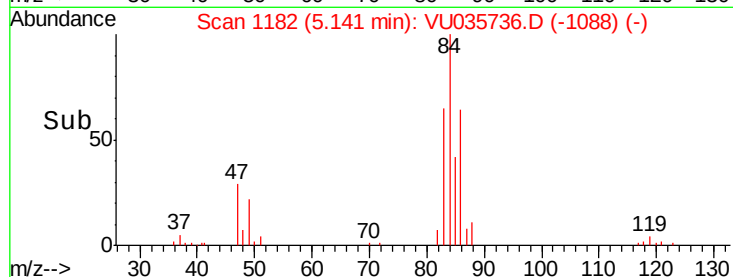
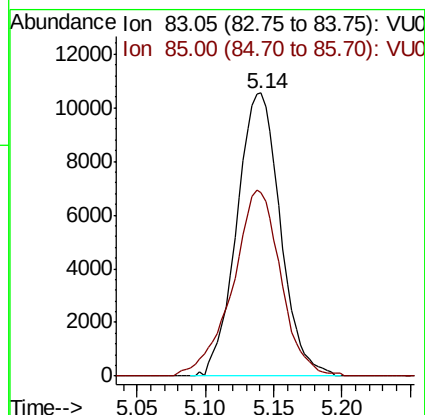
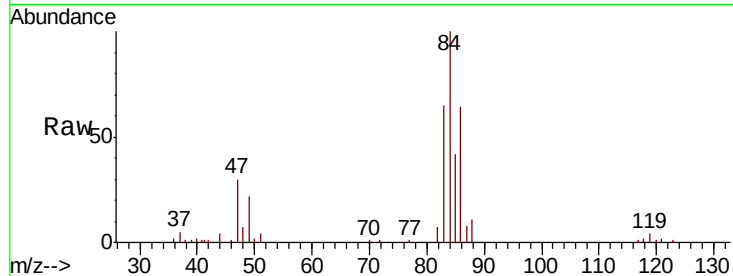




#25
Chloroform
Concen: 0.646 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035736.D
Acq: 18 Nov 2019 10:55

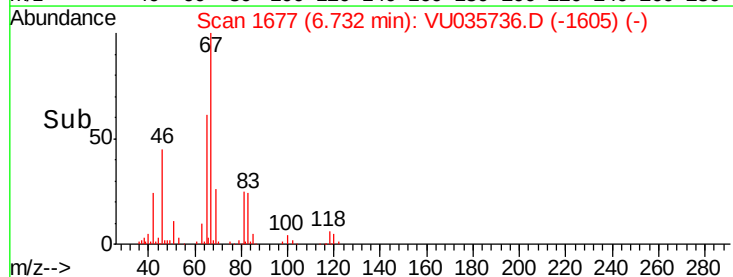
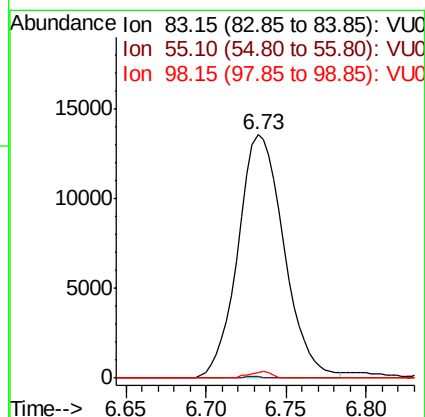
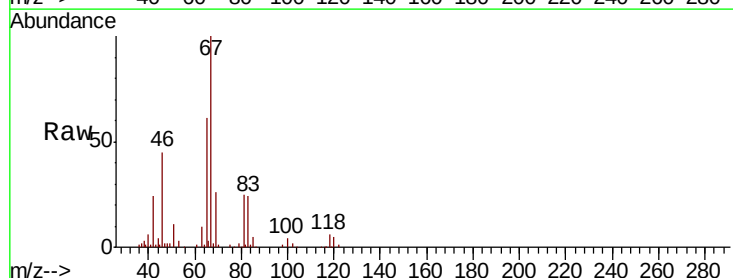
Instrument :
MSVOA_U
ClientSampled :

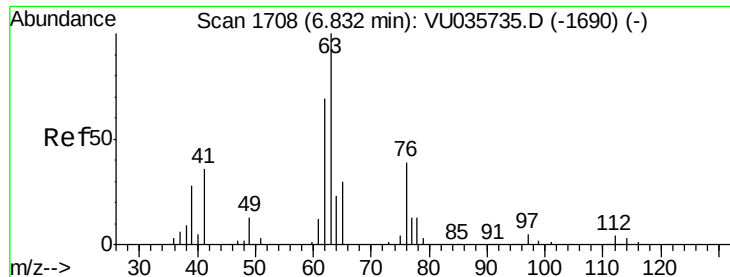
Tot Ion: 83 Resp: 23369
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2



#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035736.D
Acq: 18 Nov 2019 10:55

Tgt Ion: 83 Resp: 26584
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.2 37.2 55.8#





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035736.D

Acq: 18 Nov 2019 10:55

Instrument :

MSVOA_U

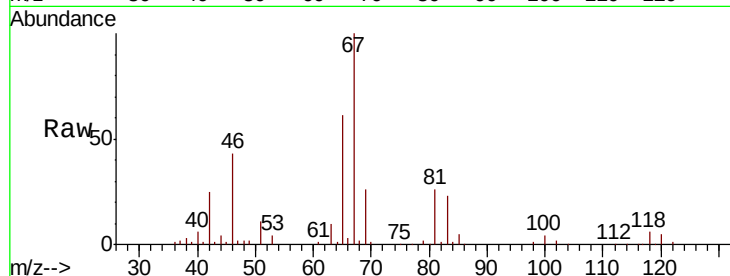
ClientSampled :

Tot Ion: 63 Resp: 11541

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU035735.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035735.D (-1690) (-)

6.74

6000

5000

4000

3000

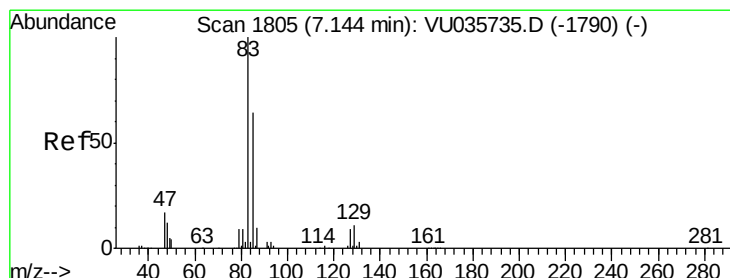
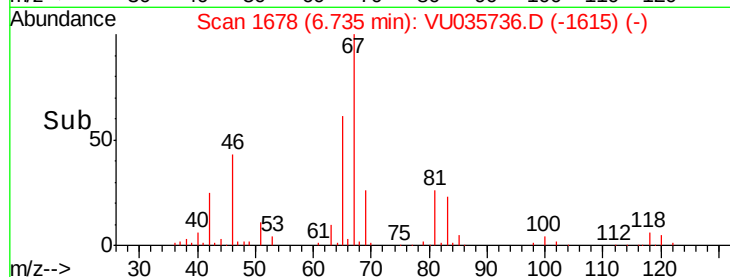
2000

1000

0

6.65 6.70 6.75 6.80

Time-->



#38

Bromodichloromethane

Concen: 0.090 ug/L

RT: 7.15 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VU035736.D

Acq: 18 Nov 2019 10:55

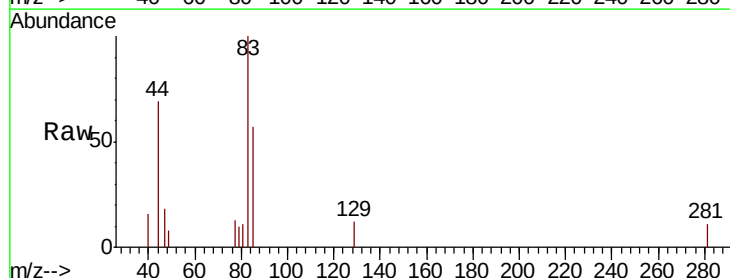
Tgt Ion: 83 Resp: 2280

Ion Ratio Lower Upper

83 100

85 57.0 44.7 82.9

127 0.0 7.1 10.7#



Abundance Ion 82.95 (82.65 to 83.65): VU035735.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035735.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035735.D (-1790) (-)

7.15

1500

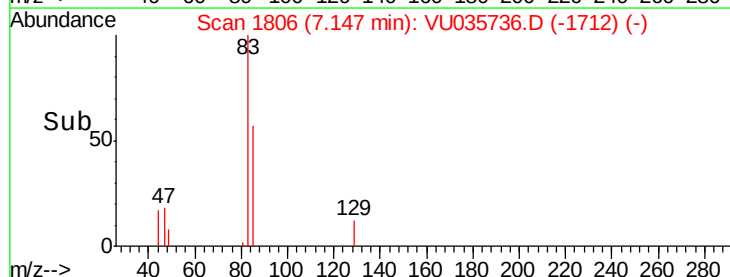
1000

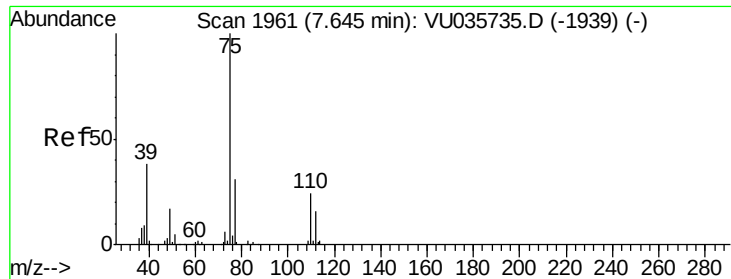
500

0

7.10 7.15 7.20

Time-->

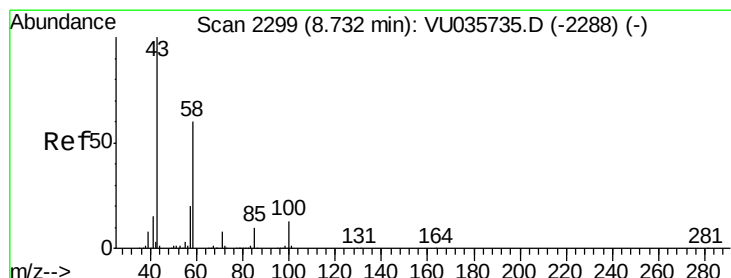
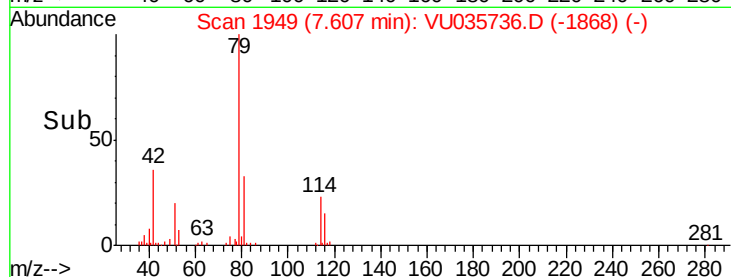
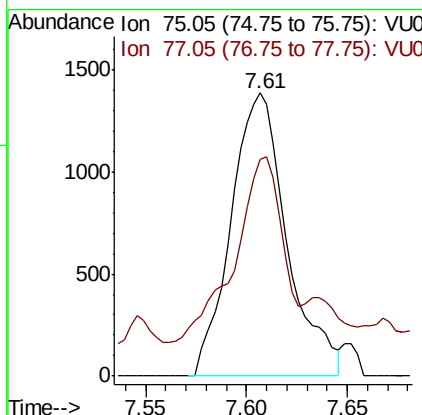
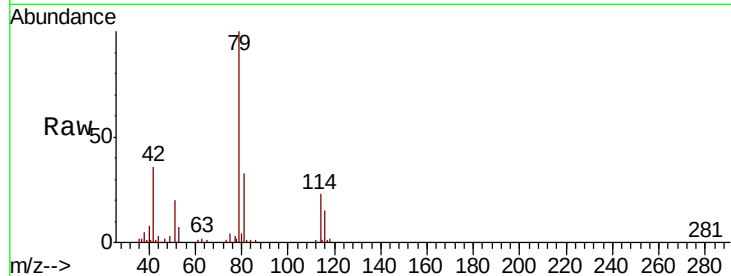




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035736.D
 Acq: 18 Nov 2019 10:55

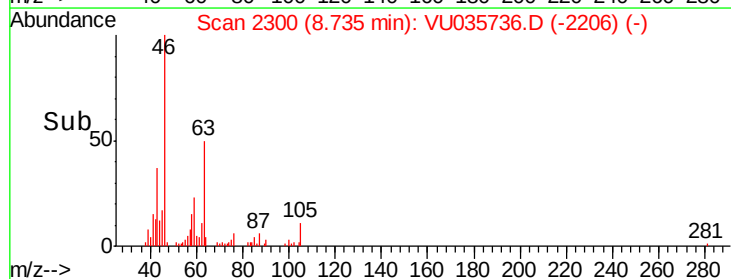
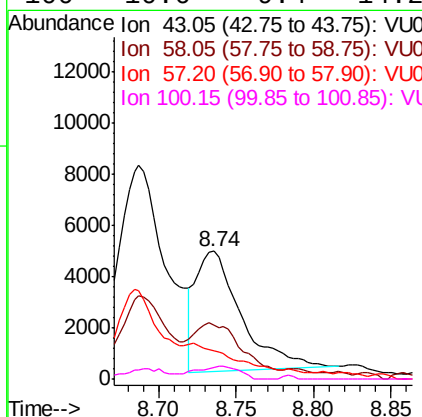
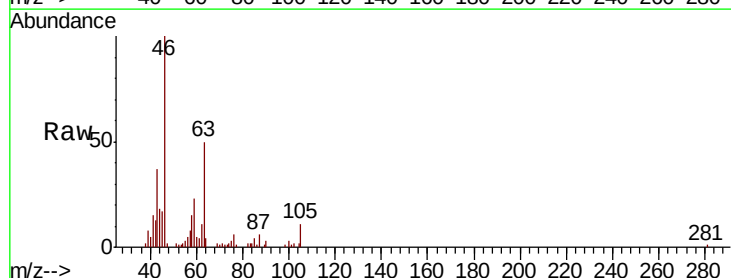
Instrument :
 MSVOA_U
 ClientSampleId :

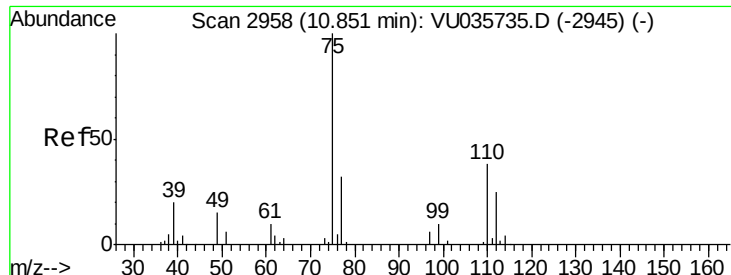
Tot Ion: 75 Resp: 2686
 Ion Ratio Lower Upper
 75 100
 77 76.6 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.123 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035736.D
 Acq: 18 Nov 2019 10:55

Tgt Ion: 43 Resp: 9598
 Ion Ratio Lower Upper
 43 100
 58 46.7 44.1 66.1
 57 0.0 15.1 22.7#
 100 10.6 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.701 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035736.D

Acq: 18 Nov 2019 10:55

Instrument :

MSVOA_U

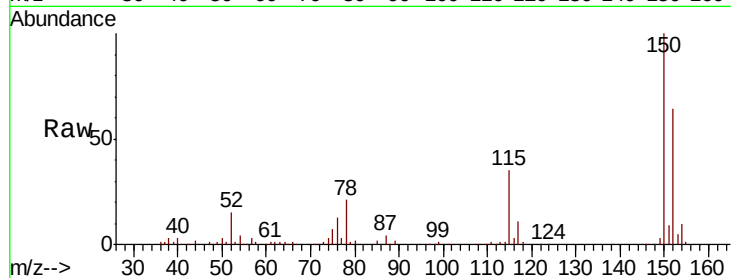
ClientSampleId :

Tot Ion: 75 Resp: 9689

Ion Ratio Lower Upper

75 100

77 35.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

