

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035737.D
 Acq On : 18 Nov 2019 11:27
 Operator : JC/SP
 Sample : K5856-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:35:19 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	198844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	230384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84737	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92171	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	84029	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	118392	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.71	46	240813	53.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	5.11	84	175127	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.75	65	88826	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	332459	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	115891	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	270215	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.22	79	40774	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.68	63	159893	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96488	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	89916	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

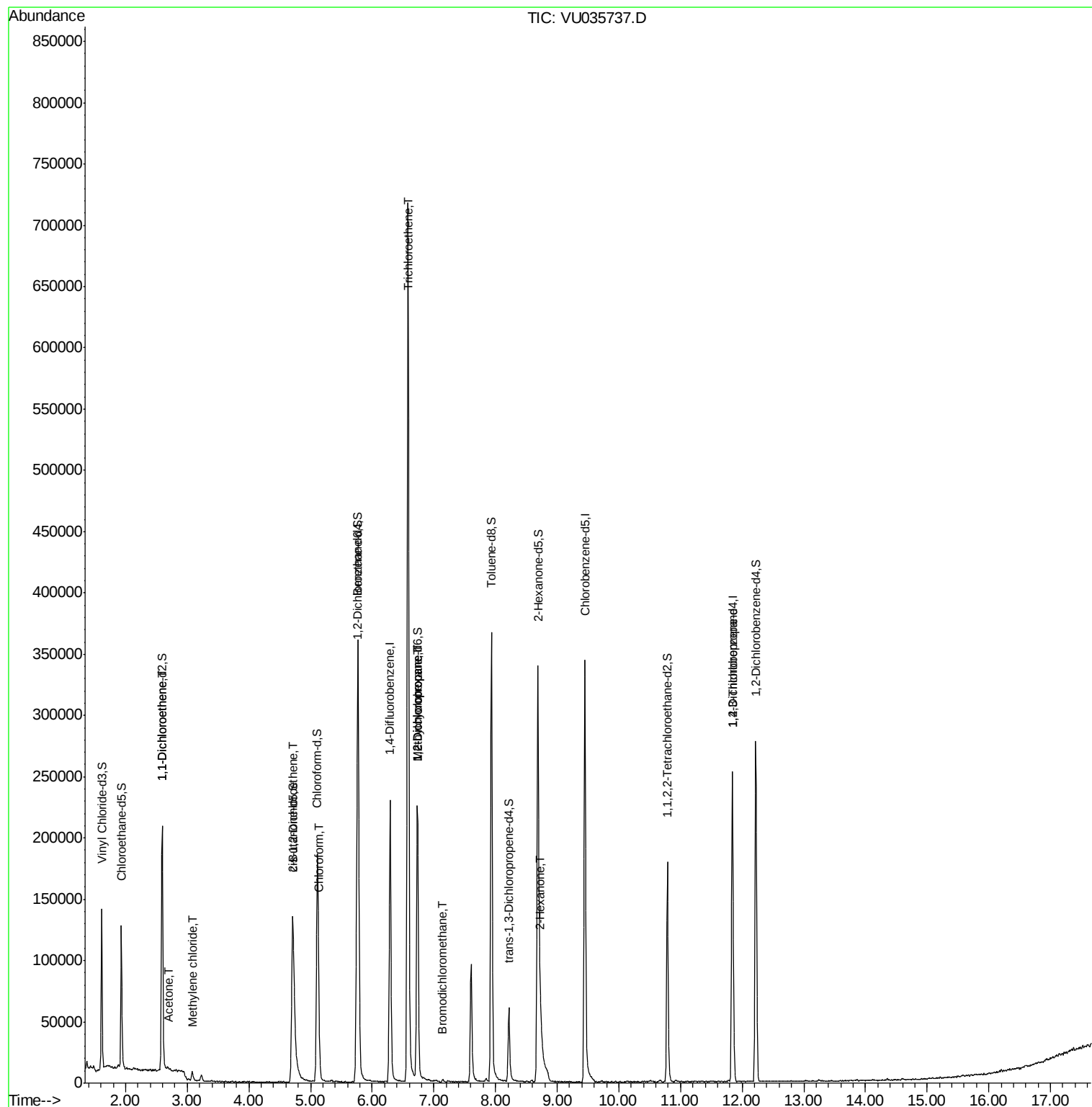
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1533	0.088	ug/L #	1
13) Acetone	2.69	43	3639	1.117	ug/L	98
16) Methylene chloride	3.08	84	3369	0.163	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	3196	0.161	ug/L	91
25) Chloroform	5.14	83	19304	0.531	ug/L	98
34) Trichloroethene	6.58	95	254877	12.284	ug/L	99
35) Methylcyclohexane	6.73	83	26424	0.836	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11640	0.545	ug/L #	87
38) Bromodichloromethane	7.14	83	1758	0.068	ug/L #	90
48) 2-Hexanone	8.73	43	14398	1.649	ug/L #	82
59) 1,2,3-Trichloropropane	11.84	75	9835	0.696	ug/L	100

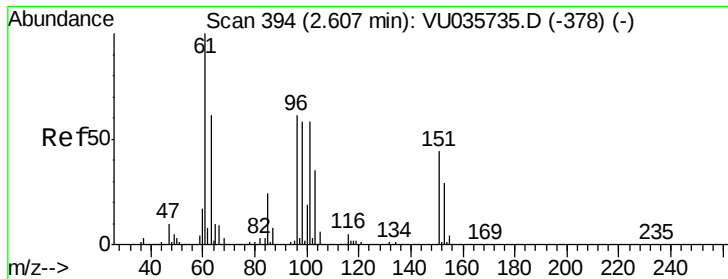
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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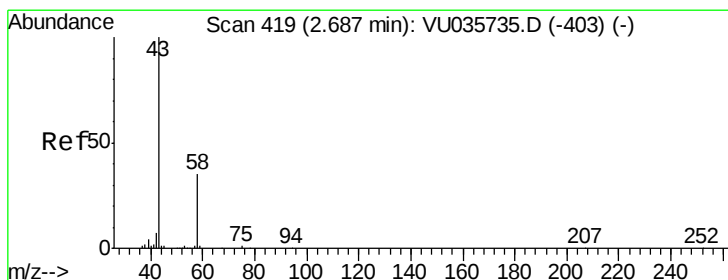
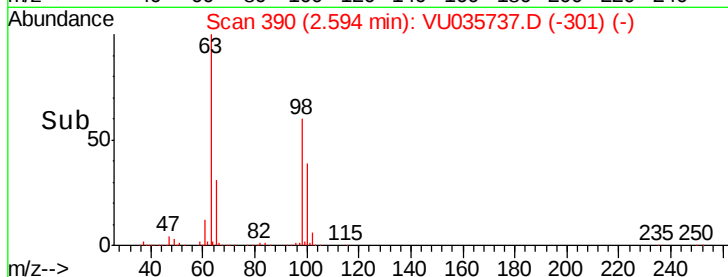
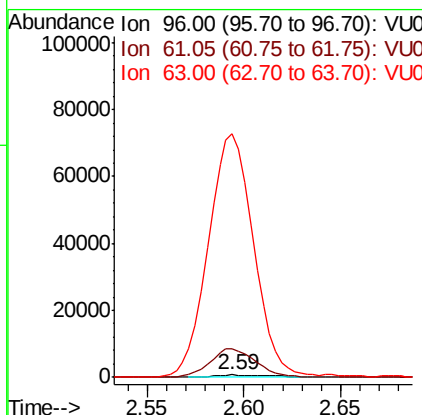
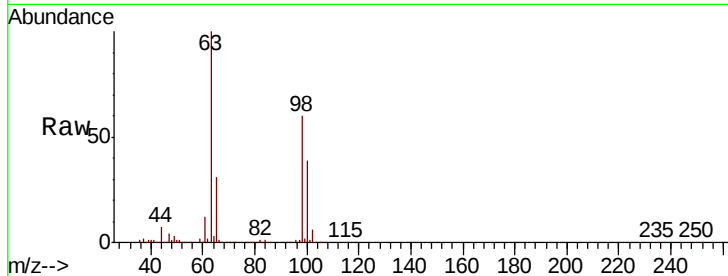




#12
 1,1-Dichloroethene
 Concen: 0.088 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035737.D
 Acq: 18 Nov 2019 11:27

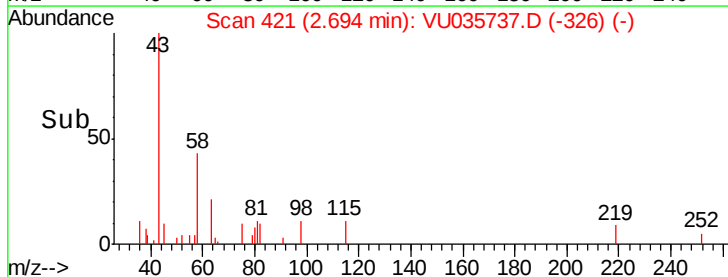
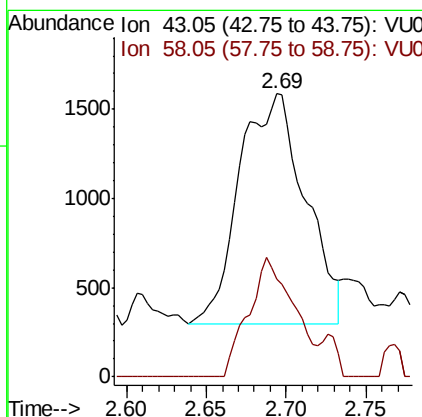
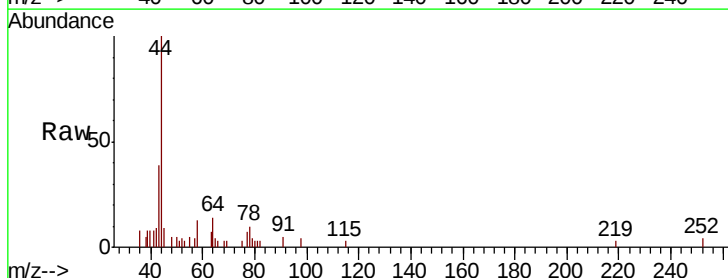
Instrument :
 MSVOA_U
 ClientSampled :

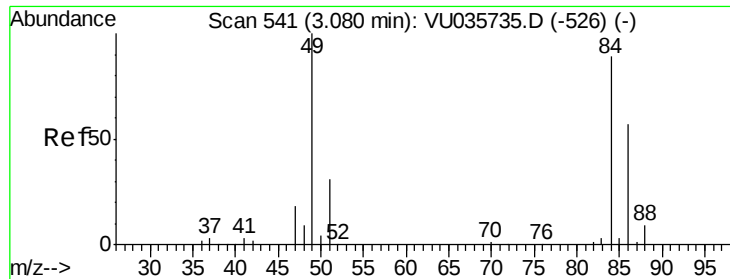
Tot Ion: 96 Resp: 1533
 Ion Ratio Lower Upper
 96 100
 61 1175.1 123.1 228.5#
 63 10216.9 87.8 163.0#



#13
 Acetone
 Concen: 1.117 ug/L
 RT: 2.69 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VU035737.D
 Acq: 18 Nov 2019 11:27

Tgt Ion: 43 Resp: 3639
 Ion Ratio Lower Upper
 43 100
 58 36.3 0.0 69.8

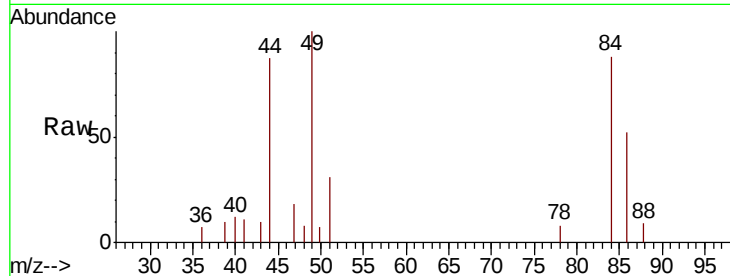




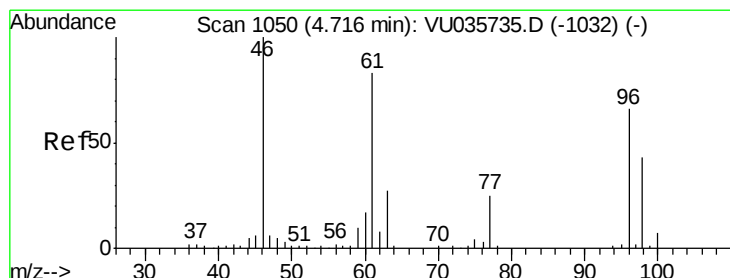
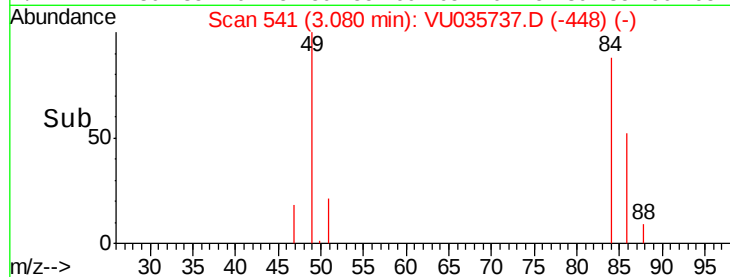
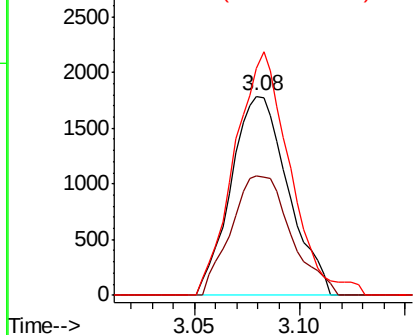
#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035737.D
Acq: 18 Nov 2019 11:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 3369
Ion Ratio Lower Upper
84 100
86 59.6 45.8 85.2
49 114.1 81.9 152.1

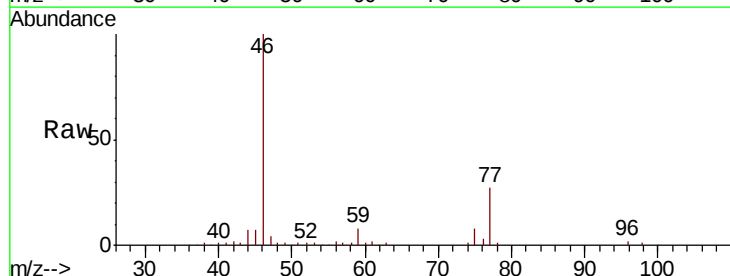


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

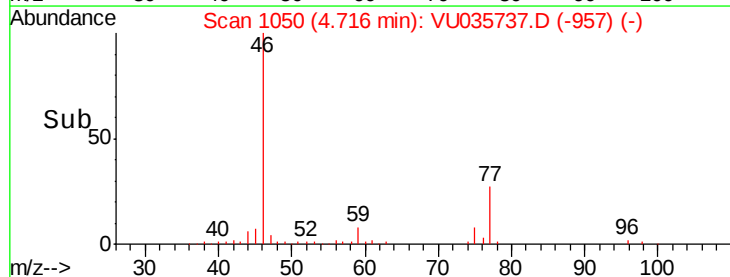
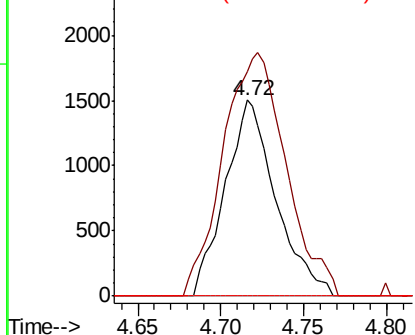


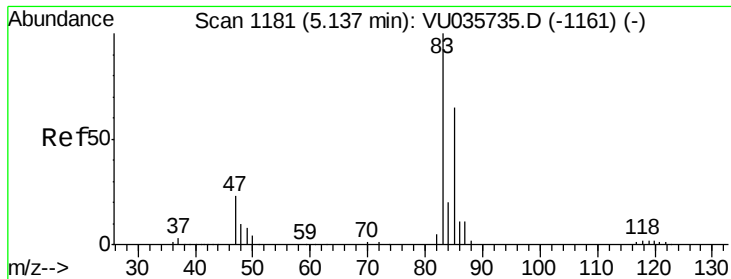
#22
cis-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035737.D
Acq: 18 Nov 2019 11:27

Tgt Ion: 96 Resp: 3196
Ion Ratio Lower Upper
96 100
61 114.6 87.0 161.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.531 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

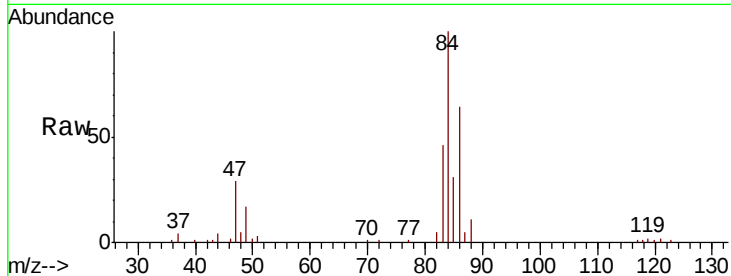
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 19304

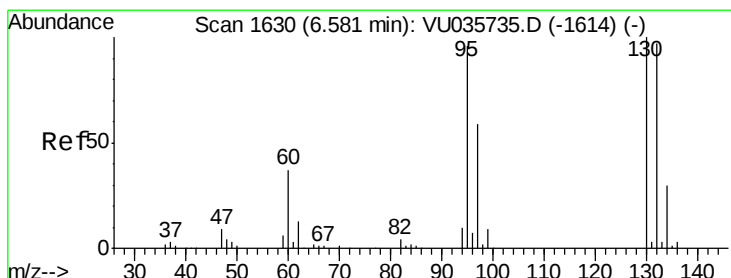
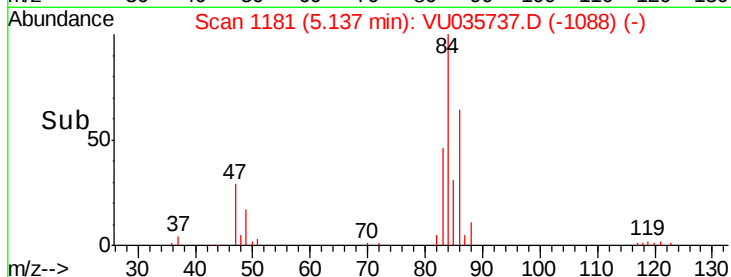
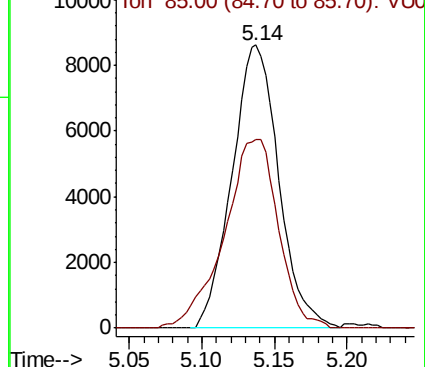
Ion Ratio Lower Upper

83 100

85 66.5 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035737.D (-1161) (-)



#34

Trichloroethene

Concen: 12.284 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

Tgt Ion: 95 Resp: 254877

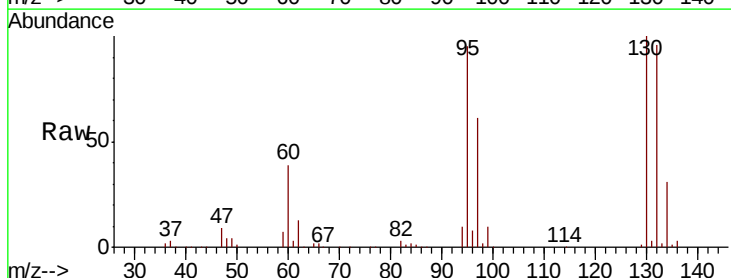
Ion Ratio Lower Upper

95 100

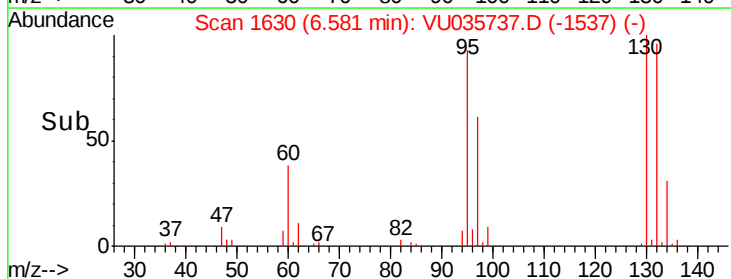
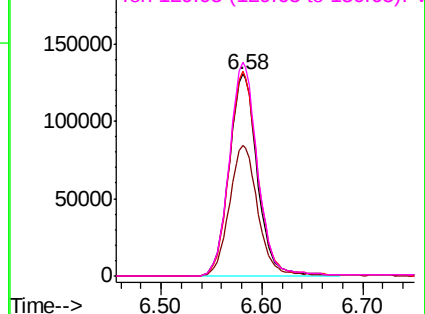
97 64.7 44.5 82.7

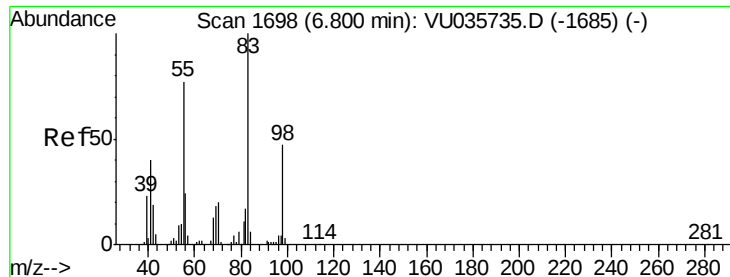
132 101.2 69.9 129.7

130 105.8 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035737.D (-1614) (-)





#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

Instrument :

MSVOA_U

ClientSampleId :

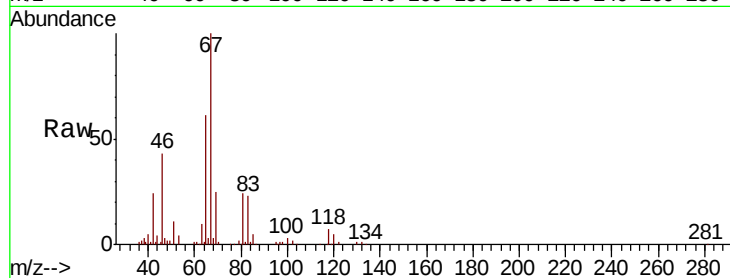
Tot Ion: 83 Resp: 26424

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

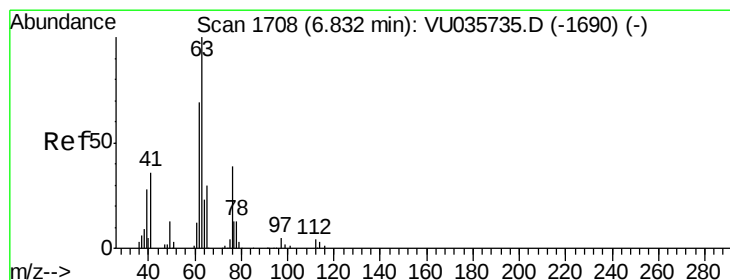
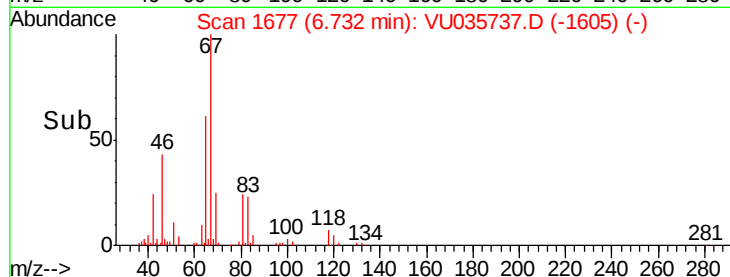
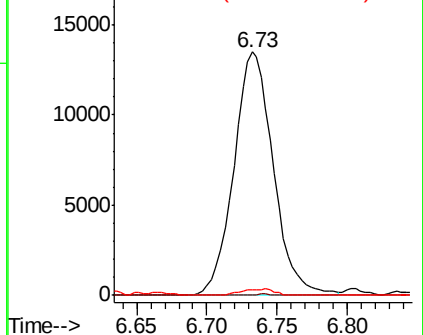
98 2.1 37.2 55.8#



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: 0.545 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035737.D

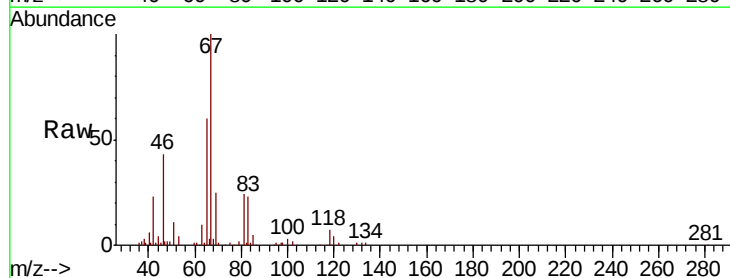
Acq: 18 Nov 2019 11:27

Tgt Ion: 63 Resp: 11640

Ion Ratio Lower Upper

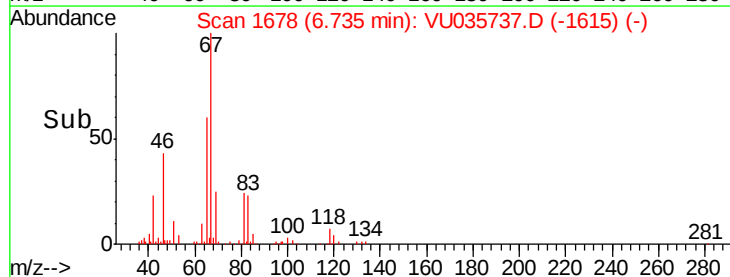
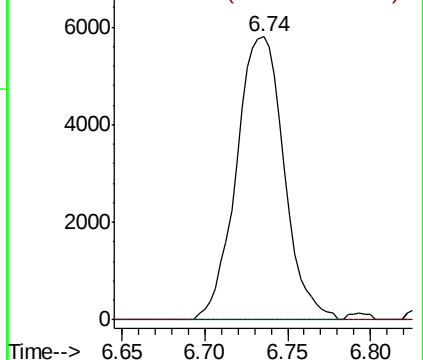
63 100

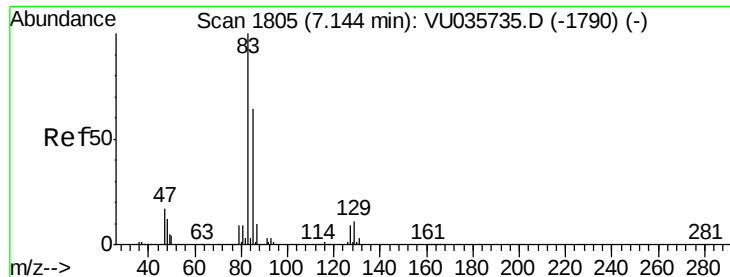
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.068 ug/L

RT: 7.14 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

Instrument :

MSVOA_U

ClientSampleId :

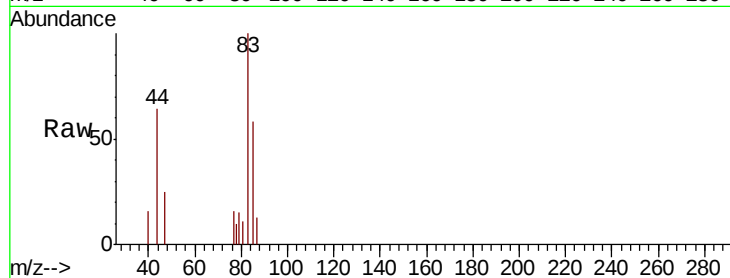
Tot Ion: 83 Resp: 1758

Ion Ratio Lower Upper

83 100

85 57.9 44.7 82.9

127 0.0 7.1 10.7#

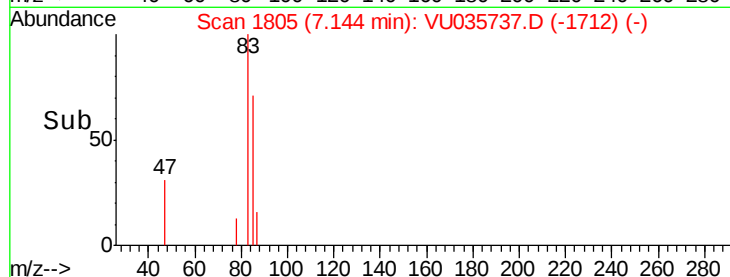


Abundance Ion 82.95 (82.65 to 83.65): VU035737.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035737.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035737.D (-1790) (-)

Time-->



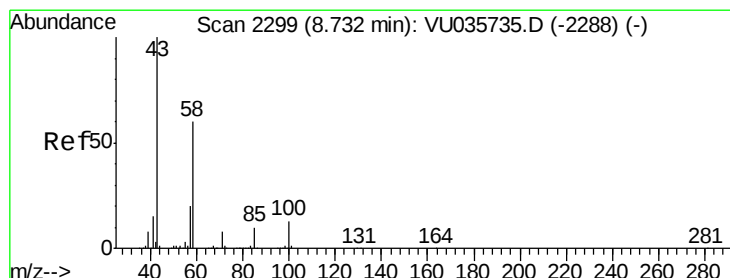
Abundance

Ion 82.95 (82.65 to 83.65): VU035737.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035737.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035737.D (-1790) (-)

Time-->



#48

2-Hexanone

Concen: 1.649 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

Tgt Ion: 43 Resp: 14398

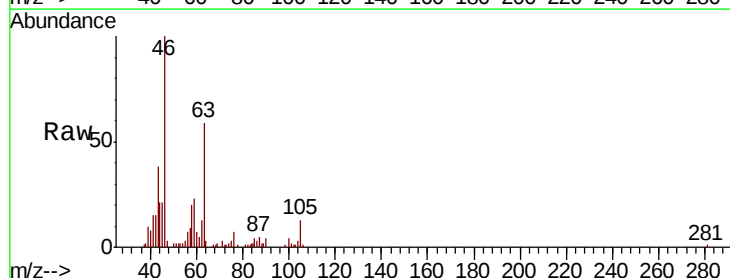
Ion Ratio Lower Upper

43 100

58 48.6 44.1 66.1

57 0.0 15.1 22.7#

100 3.1 9.4 14.2#



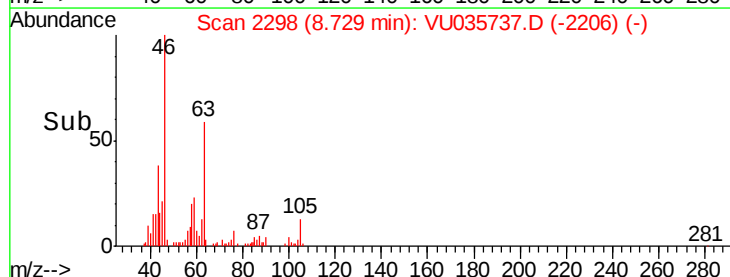
Abundance Ion 43.05 (42.75 to 43.75): VU035737.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035737.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035737.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035737.D (-2288) (-)

Time-->



Abundance

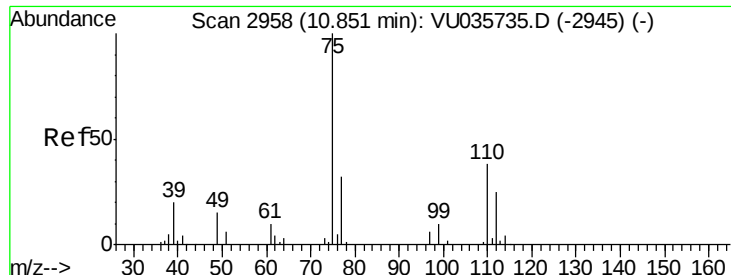
Ion 43.05 (42.75 to 43.75): VU035737.D (-2288) (-)

Ion 58.05 (57.75 to 58.75): VU035737.D (-2288) (-)

Ion 57.20 (56.90 to 57.90): VU035737.D (-2288) (-)

Ion 100.15 (99.85 to 100.85): VU035737.D (-2288) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.696 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035737.D

Acq: 18 Nov 2019 11:27

Instrument :

MSVOA_U

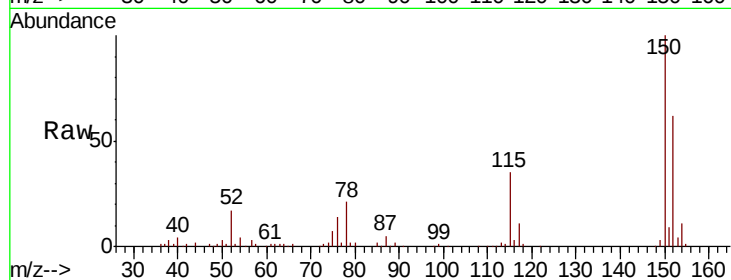
ClientSampleId :

Tot Ion: 75 Resp: 9835

Ion Ratio Lower Upper

75 100

77 33.6 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

