

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035821.D
 Acq On : 22 Nov 2019 14:21
 Operator : JC/SP
 Sample : K5930-18 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:17:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	270219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	129310	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.94	69	125092	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.60	63	175997	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.69	46	334461	48.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	5.12	84	228717	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	138611	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.77	84	437478	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.74	67	158699	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.94	98	355061	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.22	79	52106	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.71	63	202674	37.30	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121012	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	75833	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

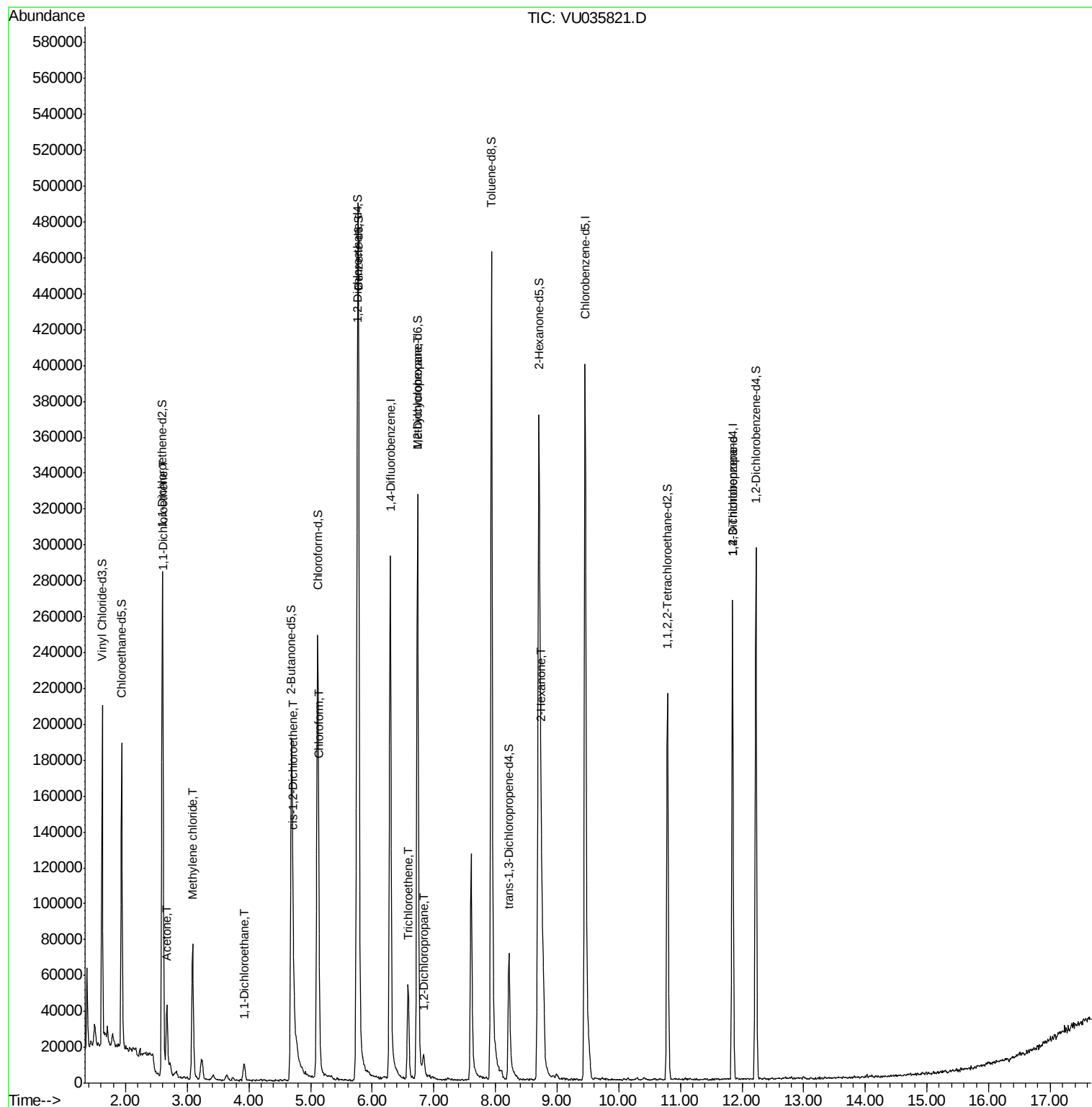
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	14883	0.628	ug/L #	1
13) Acetone	2.67	43	47818	7.913	ug/L	99
16) Methylene chloride	3.09	84	32371	1.131	ug/L	97
19) 1,1-Dichloroethane	3.93	63	10832	0.207	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	6479	0.249	ug/L	83
25) Chloroform	5.14	83	15825	0.310	ug/L	90
34) Trichloroethene	6.58	95	18781	0.679	ug/L	94
35) Methylcyclohexane	6.74	83	35659	0.879	ug/L #	14
37) 1,2-Dichloropropane	6.83	63	4216	0.132	ug/L #	97
48) 2-Hexanone	8.75	43	25522	1.765	ug/L #	86
59) 1,2,3-Trichloropropane	11.85	75	10725	0.516	ug/L #	88

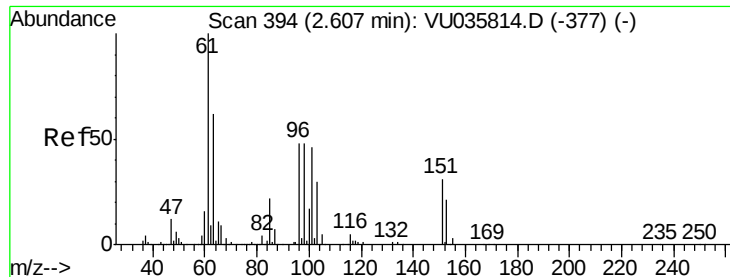
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.628 ug/L

RT: 2.61 min Scan# 396

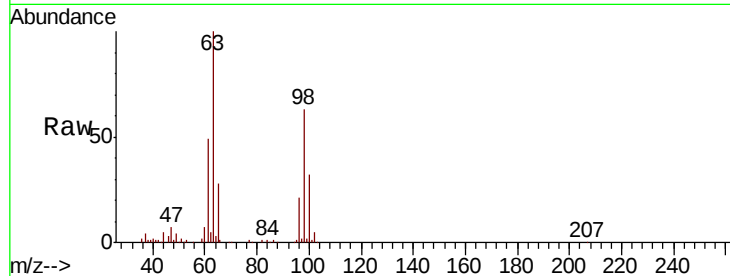
Delta R.T. 0.01 min

Lab File: VU035821.D

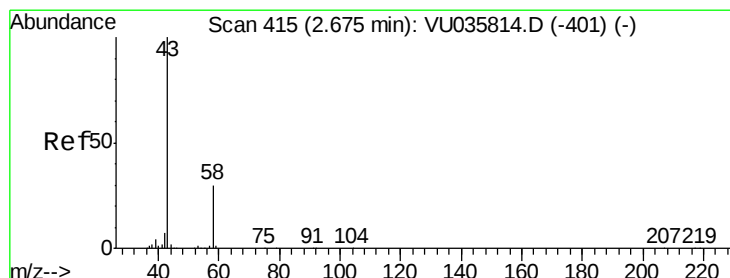
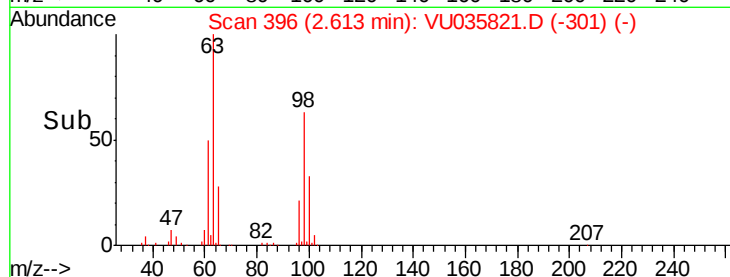
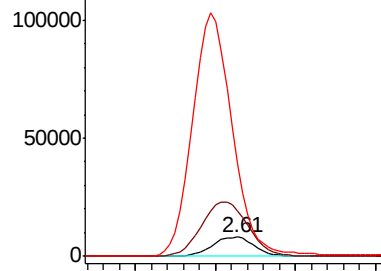
Acq: 22 Nov 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 14883
Ion Ratio Lower Upper
96 100
61 239.8 139.3 258.7
63 486.1 93.7 174.1#



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



#13

Acetone

Concen: 7.913 ug/L

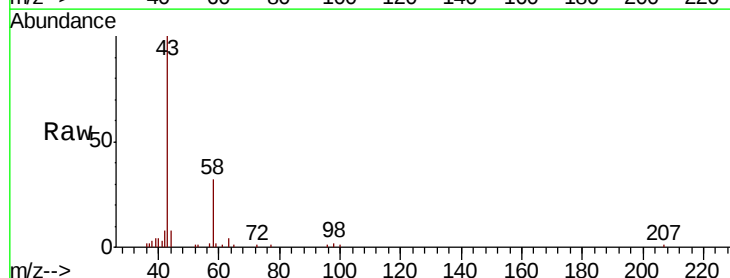
RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

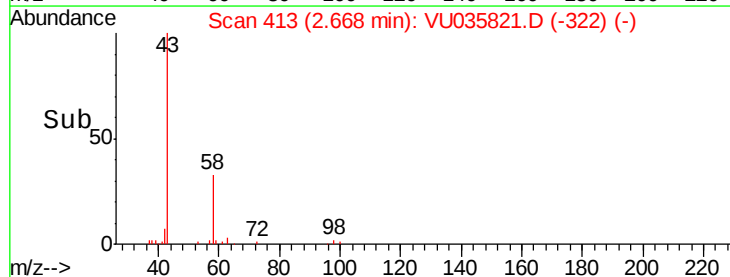
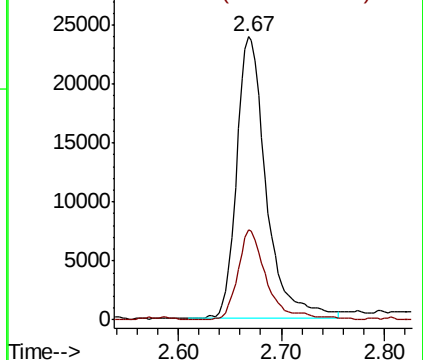
Lab File: VU035821.D

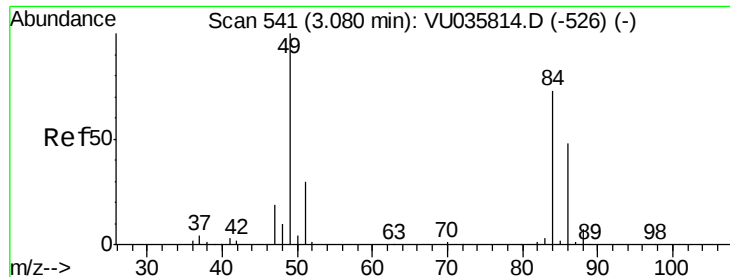
Acq: 22 Nov 2019 14:21

Tgt Ion: 43 Resp: 47818
Ion Ratio Lower Upper
43 100
58 30.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

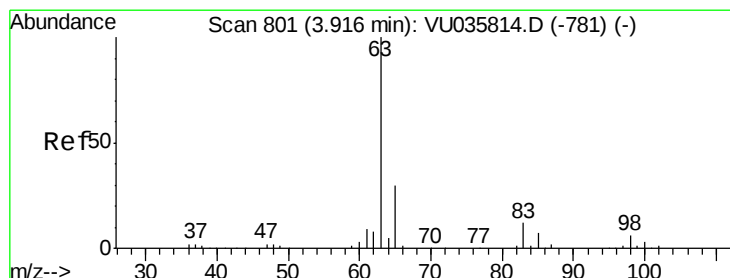
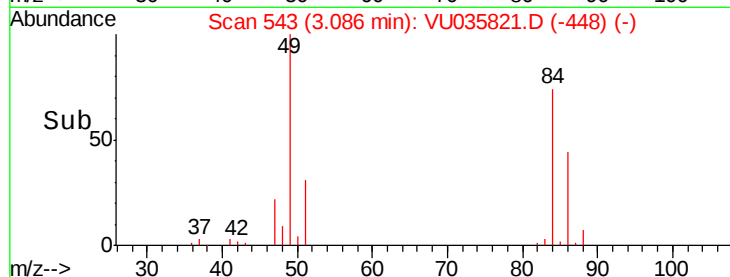
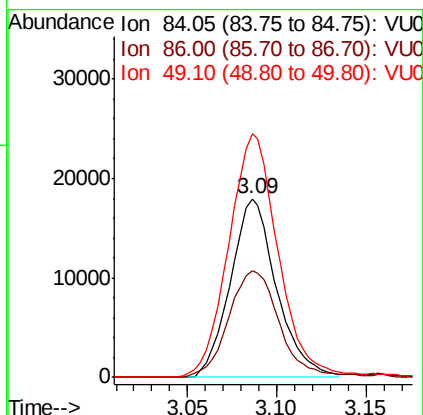
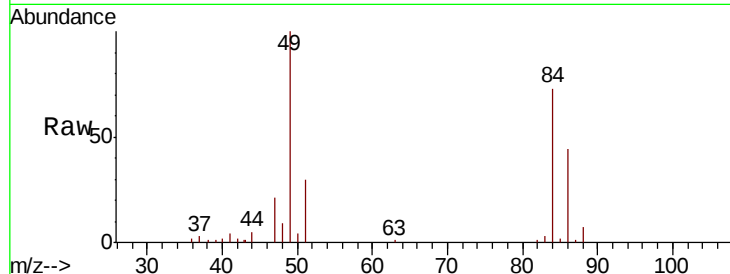




#16
Methylene chloride
Concen: 1.131 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035821.D
Acq: 22 Nov 2019 14:21

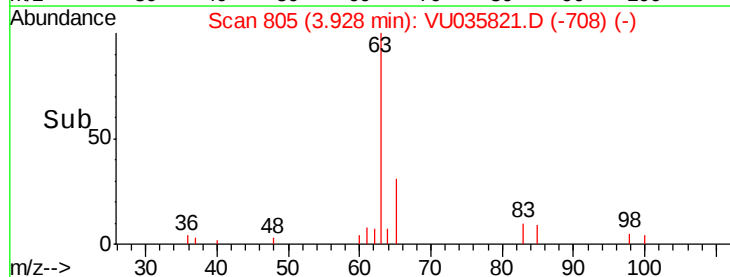
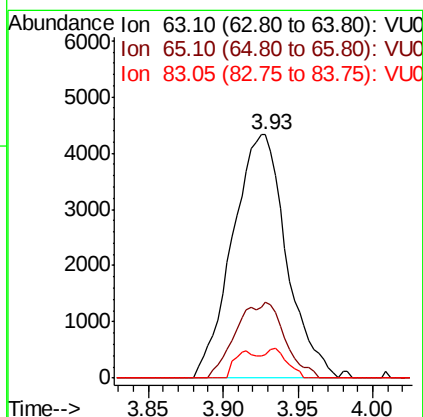
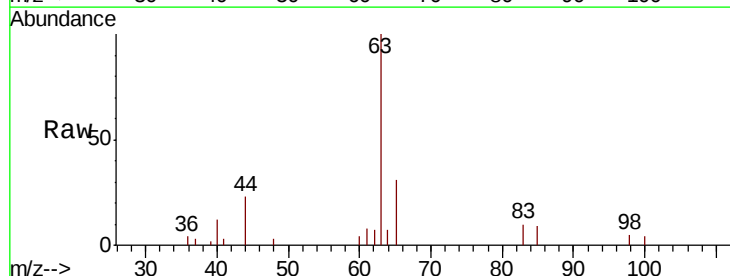
Instrument :
MSVOA_U
ClientSampleId :

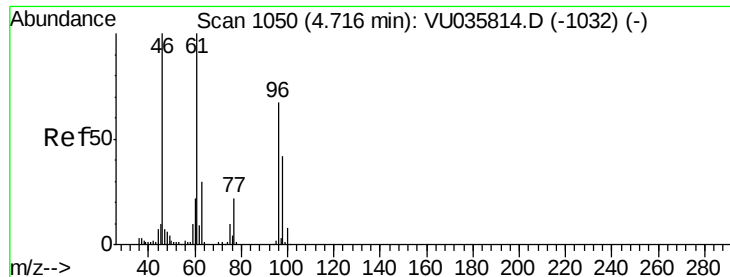
Tot Ion: 84 Resp: 32371
Ion Ratio Lower Upper
84 100
86 59.5 44.4 82.5
49 136.3 94.0 174.6



#19
1,1-Dichloroethane
Concen: 0.207 ug/L
RT: 3.93 min Scan# 805
Delta R.T. 0.01 min
Lab File: VU035821.D
Acq: 22 Nov 2019 14:21

Tgt Ion: 63 Resp: 10832
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.4
83 9.6 8.6 16.0





#22

cis-1,2-Dichloroethene

Concen: 0.249 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035821.D

Acq: 22 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

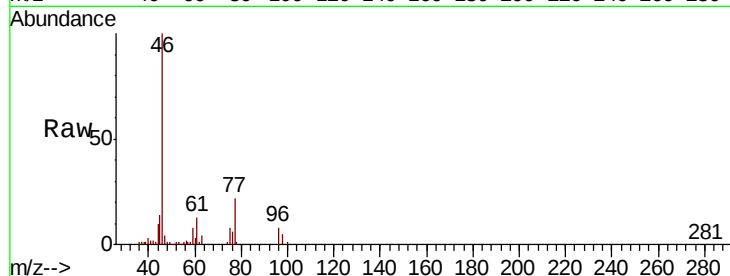
Tot Ion: 96 Resp: 6479

Ion Ratio Lower Upper

96 100

61 160.9 98.1 182.1

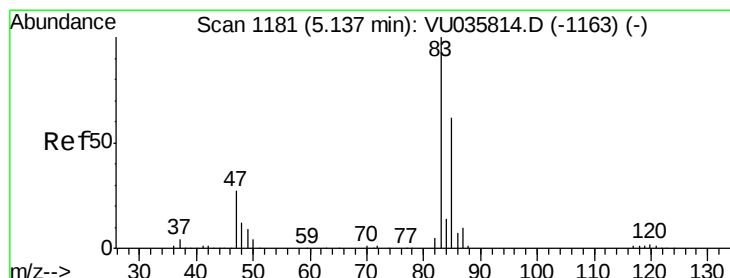
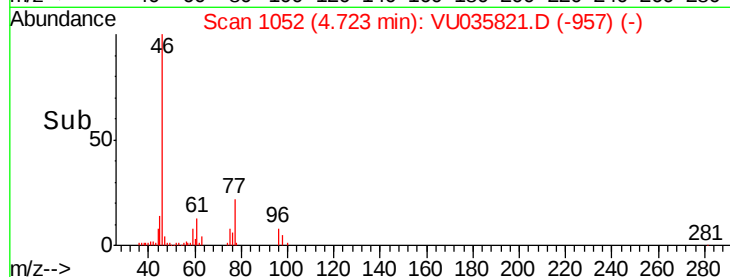
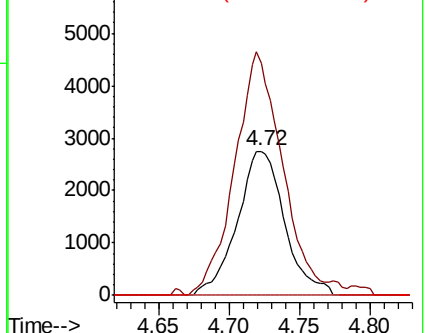
68 0.0 0.0 0.0



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: 0.310 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035821.D

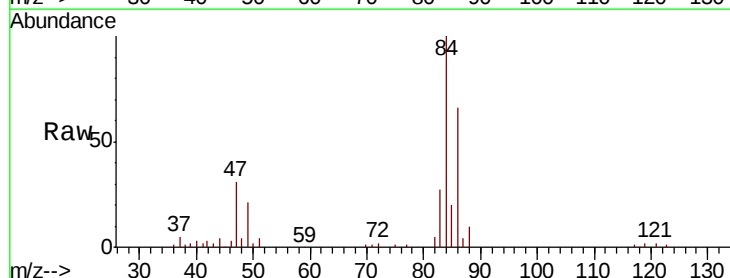
Acq: 22 Nov 2019 14:21

Tgt Ion: 83 Resp: 15825

Ion Ratio Lower Upper

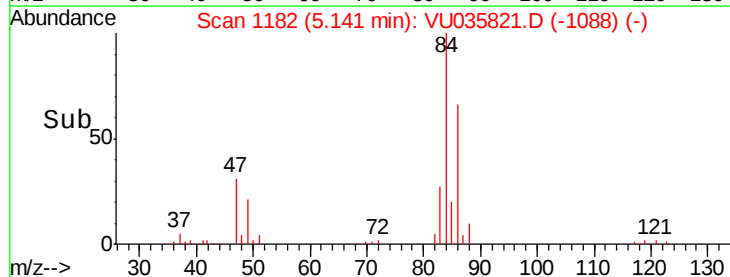
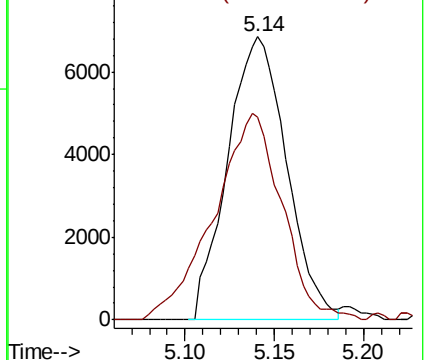
83 100

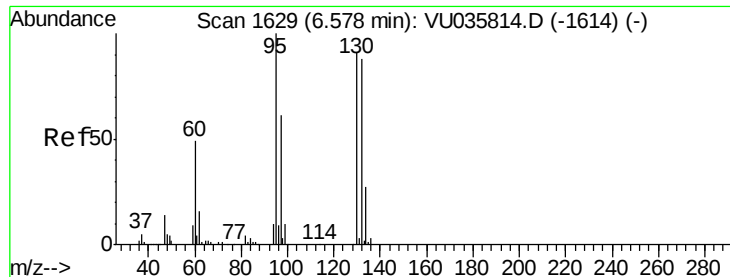
85 71.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

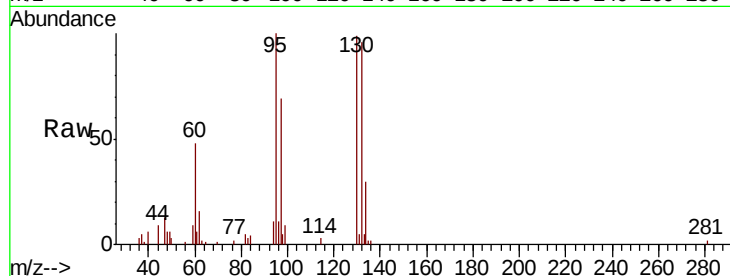




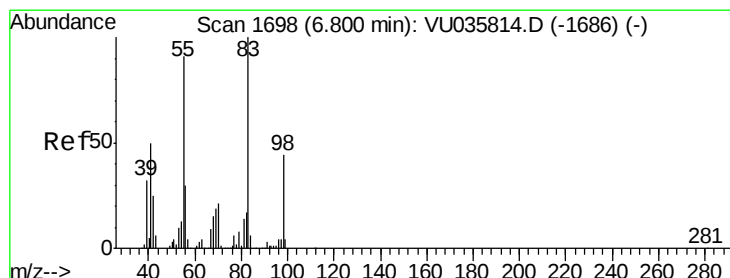
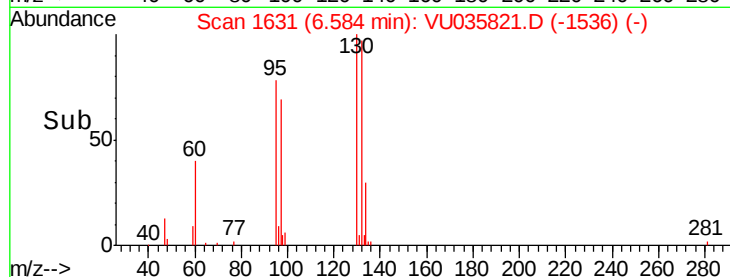
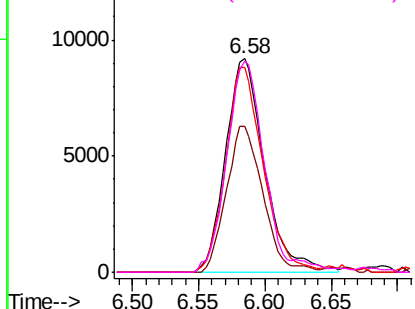
#34
 Trichloroethene
 Concen: 0.679 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 18781
 Ion Ratio Lower Upper
 95 100
 97 68.5 45.1 83.9
 132 95.7 61.9 114.9
 130 99.0 66.3 123.1

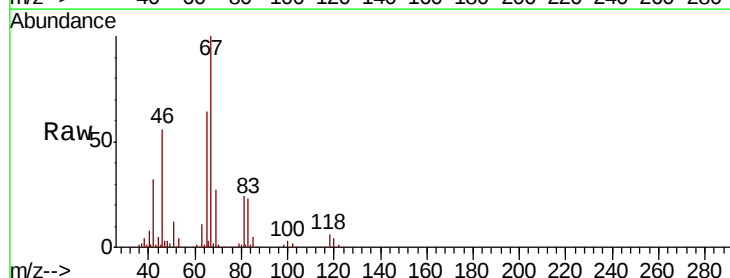


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

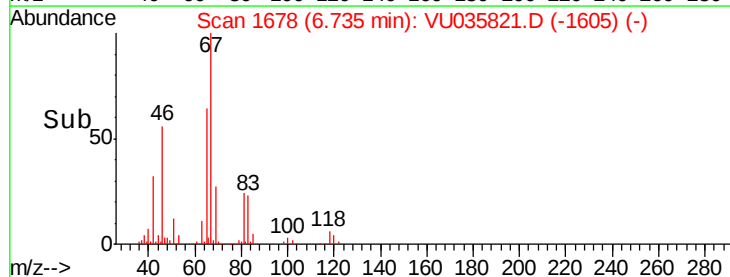
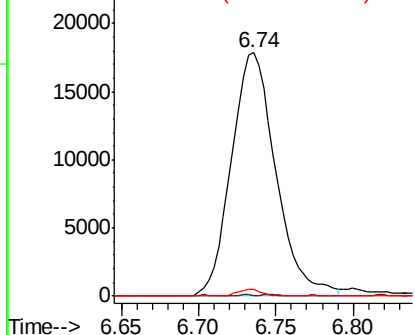


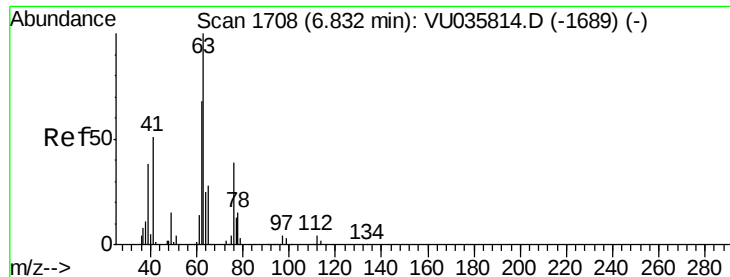
#35
 Methylcyclohexane
 Concen: 0.879 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

Tgt Ion: 83 Resp: 35659
 Ion Ratio Lower Upper
 83 100
 55 0.2 72.7 109.1#
 98 1.4 36.2 54.4#



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

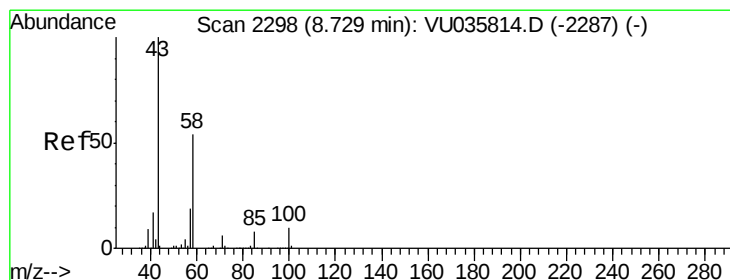
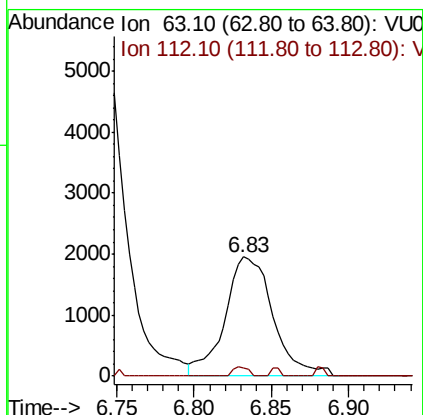
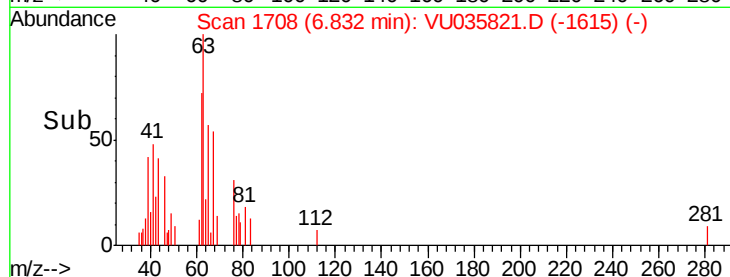
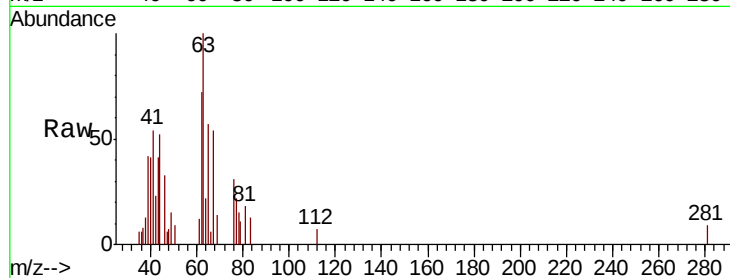




#37
 1,2-Dichloropropane
 Concen: 0.132 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

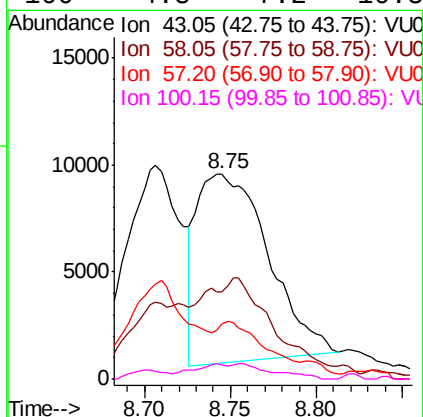
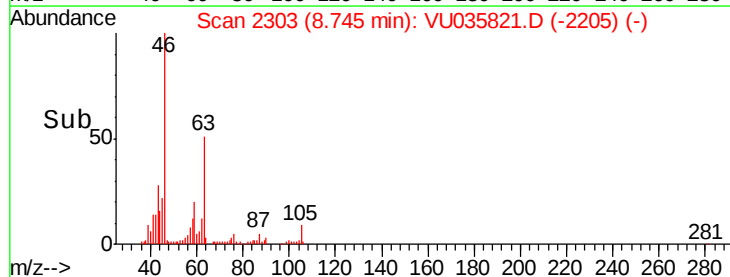
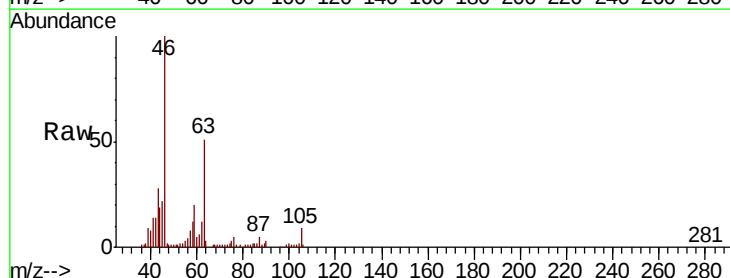
Instrument :
 MSVOA_U
 ClientSampleID :

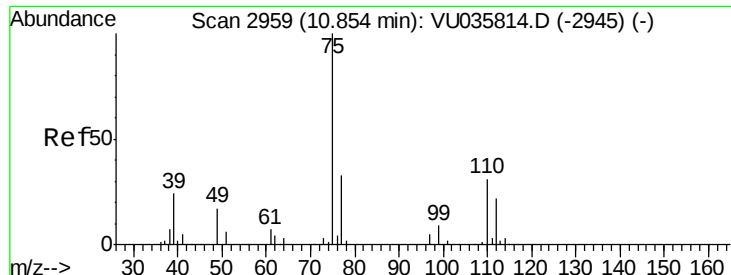
Tot Ion: 63 Resp: 4216
 Ion Ratio Lower Upper
 63 100
 112 2.3 2.7 4.1#



#48
 2-Hexanone
 Concen: 1.765 ug/L
 RT: 8.75 min Scan# 2303
 Delta R.T. 0.02 min
 Lab File: VU035821.D
 Acq: 22 Nov 2019 14:21

Tgt Ion: 43 Resp: 25522
 Ion Ratio Lower Upper
 43 100
 58 38.3 39.8 59.8#
 57 13.4 14.0 21.0#
 100 4.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.516 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035821.D

Acq: 22 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10725

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.2#

