

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028125.D
 Acq On : 14 Nov 2018 17:00
 Operator : MD/SY
 Sample : J5948-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 04:29:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	145413	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55674	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.68	69	46674	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.28	63	77939	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	182081	52.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.65	84	92252	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.31	65	54248	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	192380	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	69403	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.57	98	169597	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	22016	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.31	63	141241	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49496	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	57164	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

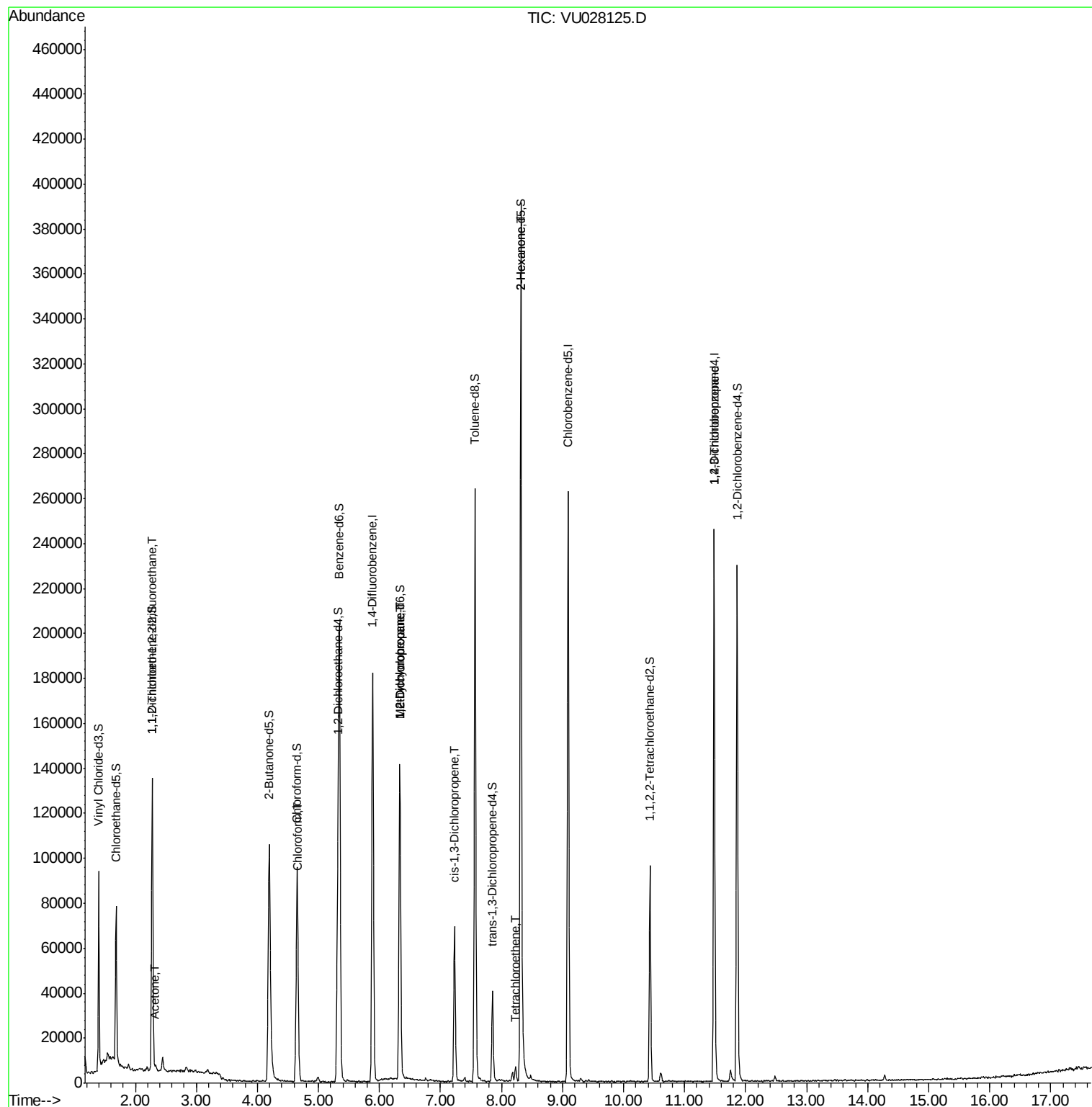
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	661	0.069	ug/L #	22
13) Acetone	2.32	43	1990	0.844	ug/L	88
25) Chloroform	4.67	83	1427	0.074	ug/L #	71
35) Methylcyclohexane	6.33	83	14139	0.724	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7011	0.551	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1750	0.102	ug/L #	77
47) Tetrachloroethene	8.23	164	1334	0.144	ug/L	90
48) 2-Hexanone	8.31	43	16900	2.712	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	9269	1.297	ug/L	91

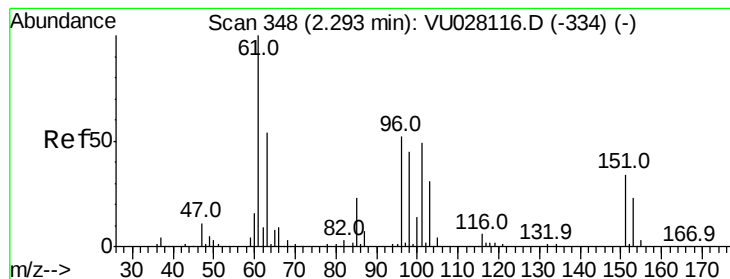
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.069 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028125.D

Acq: 14 Nov 2018 17:00

Instrument :

MSVOA_U

ClientSampleId :

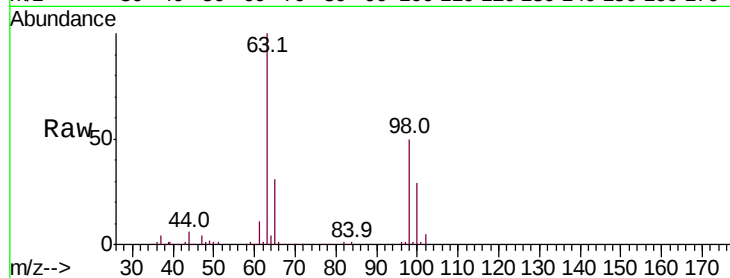
Tot Ion:101 Resp: 661

Ion Ratio Lower Upper

101 100

85 3.2 37.6 56.4#

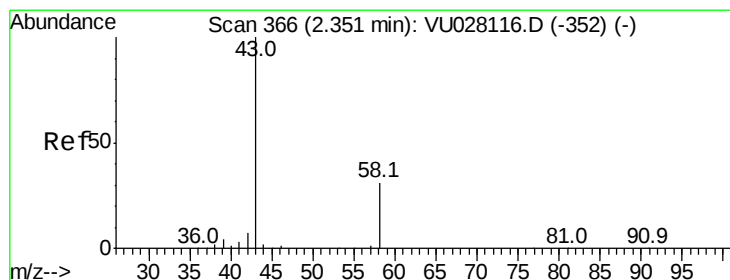
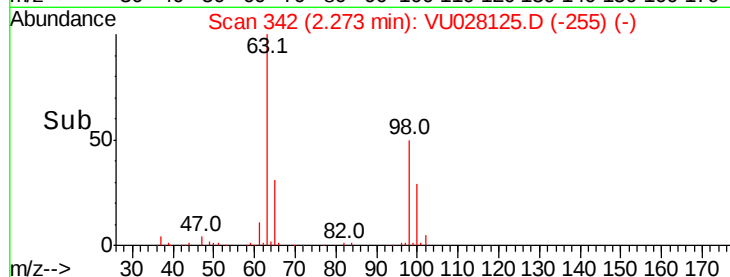
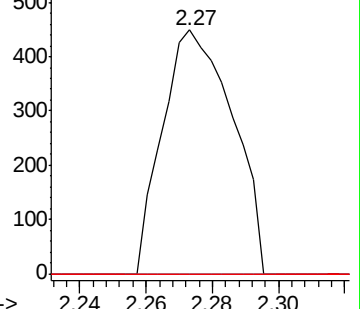
151 0.0 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.844 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.03 min

Lab File: VU028125.D

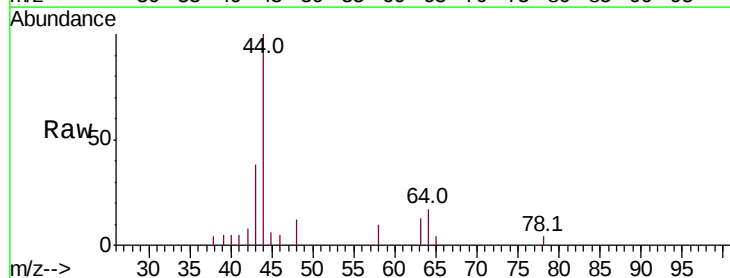
Acq: 14 Nov 2018 17:00

Tgt Ion: 43 Resp: 1990

Ion Ratio Lower Upper

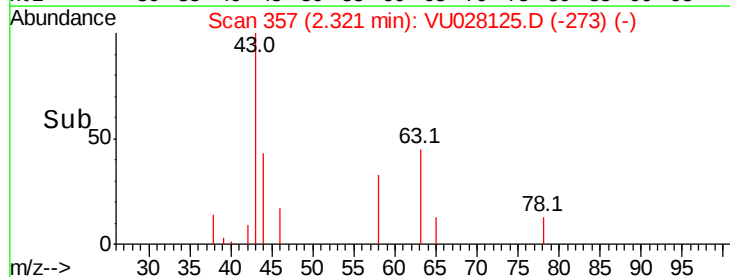
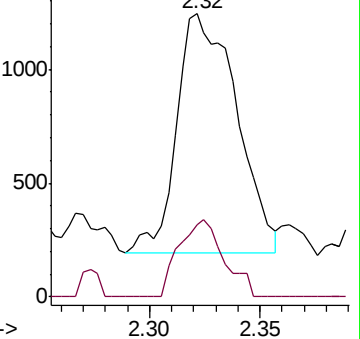
43 100

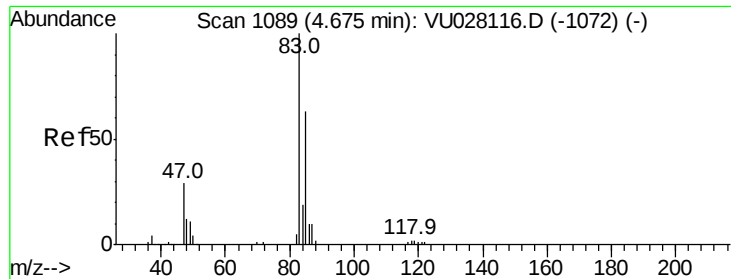
58 24.3 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 0.074 ug/L

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU028125.D

Acq: 14 Nov 2018 17:00

Instrument :

MSVOA_U

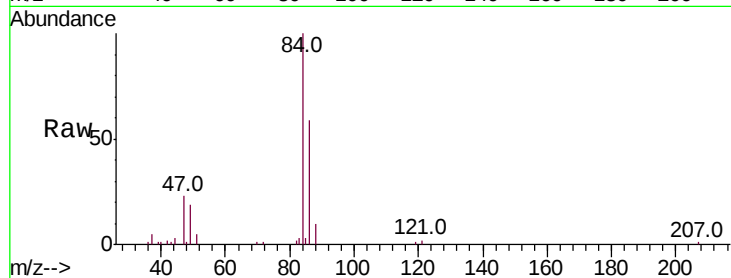
ClientSampleId :

Tot Ion: 83 Resp: 1427

Ion Ratio Lower Upper

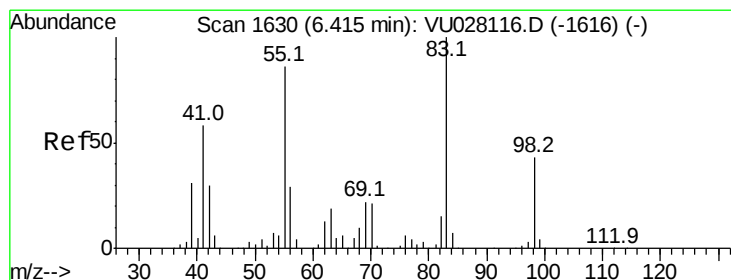
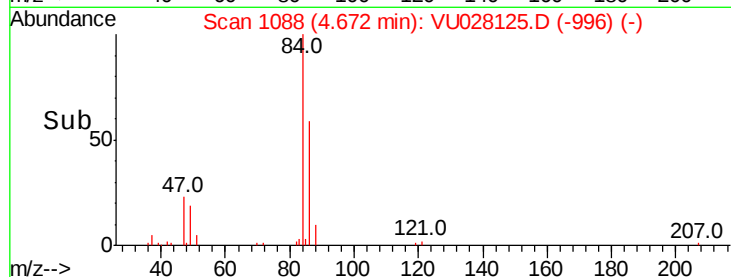
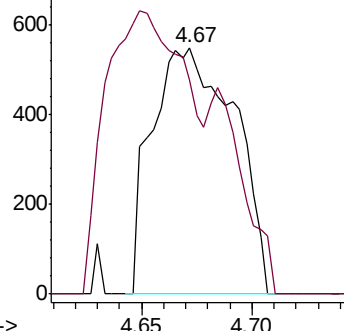
83 100

85 87.1 45.0 83.6#



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028125.D

Acq: 14 Nov 2018 17:00

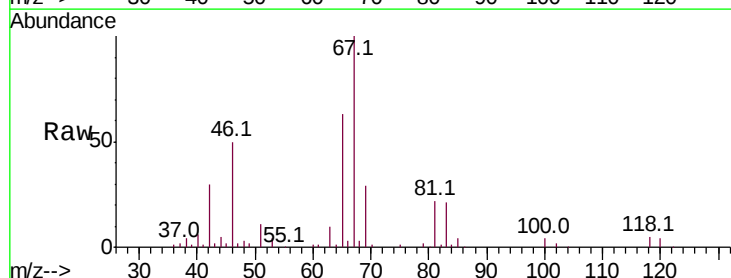
Tgt Ion: 83 Resp: 14139

Ion Ratio Lower Upper

83 100

55 0.2 69.0 103.4#

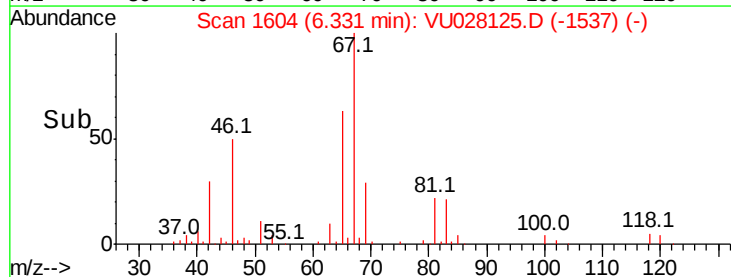
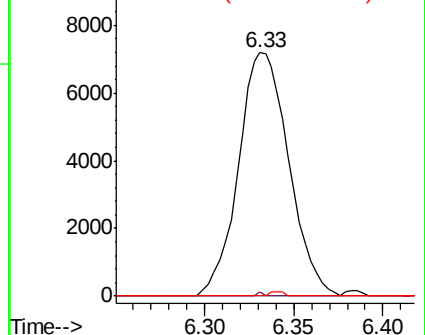
98 0.5 33.3 49.9#

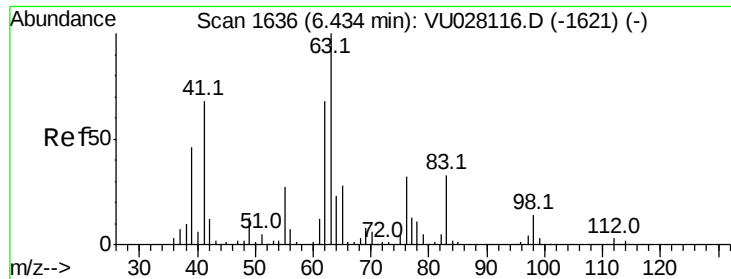


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

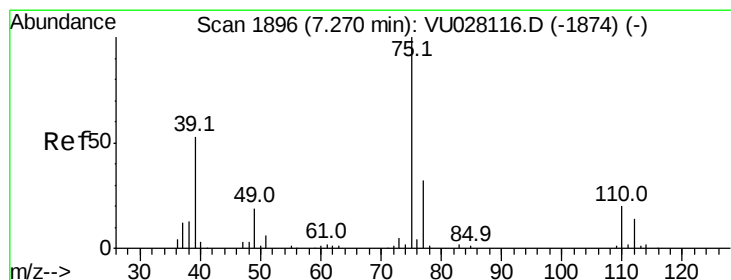
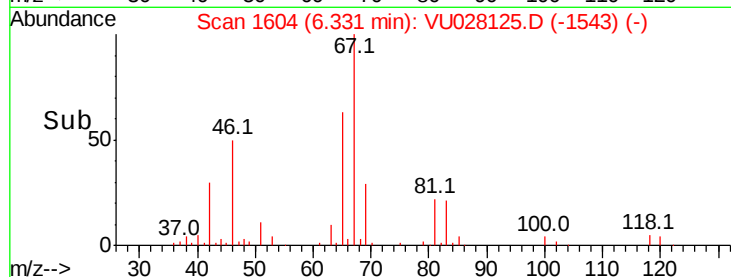
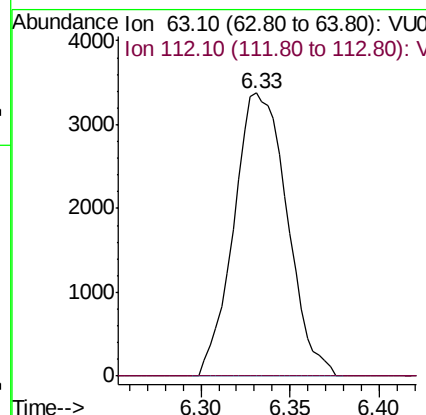
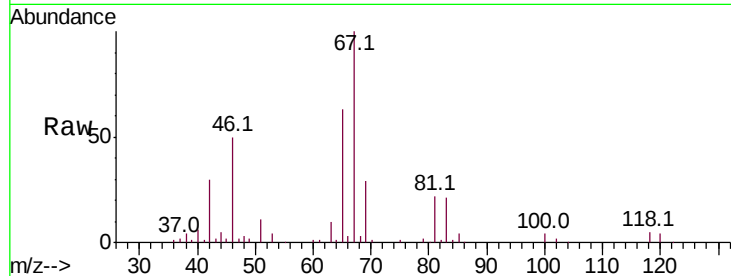




#37
 1,2-Dichloropropane
 Concen: 0.551 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028125.D
 Acq: 14 Nov 2018 17:00

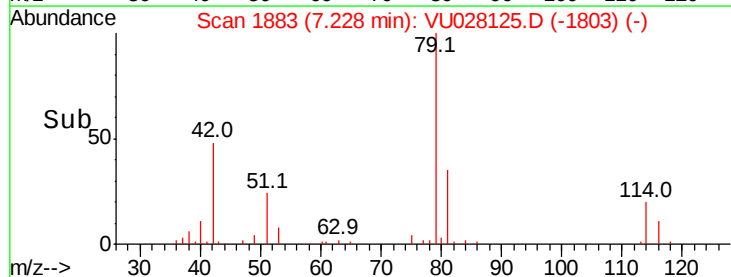
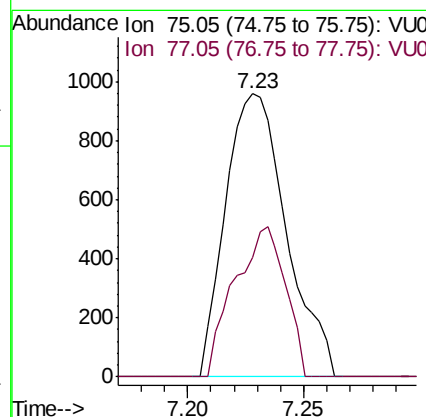
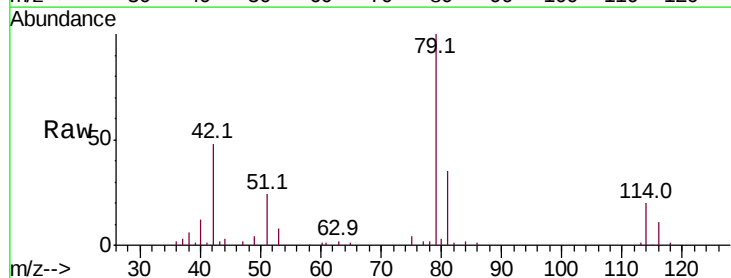
Instrument :
 MSVOA_U
 ClientSampled :

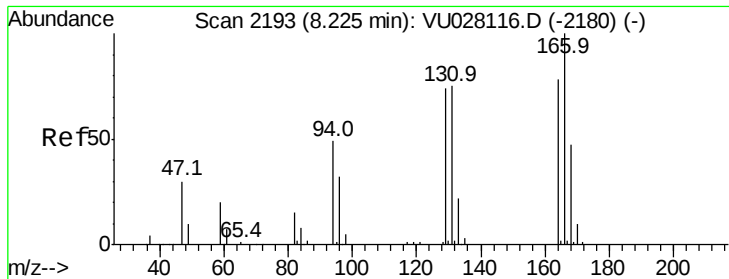
Tot Ion: 63 Resp: 7011
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028125.D
 Acq: 14 Nov 2018 17:00

Tgt Ion: 75 Resp: 1750
 Ion Ratio Lower Upper
 75 100
 77 42.1 20.9 38.9#

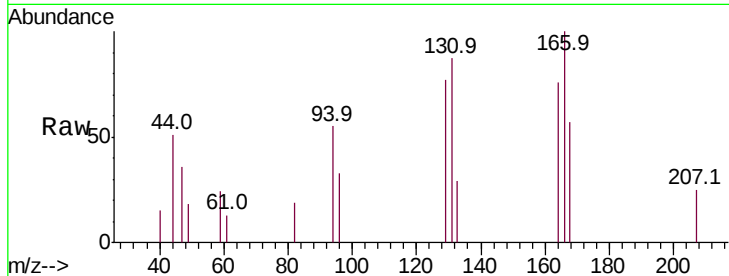




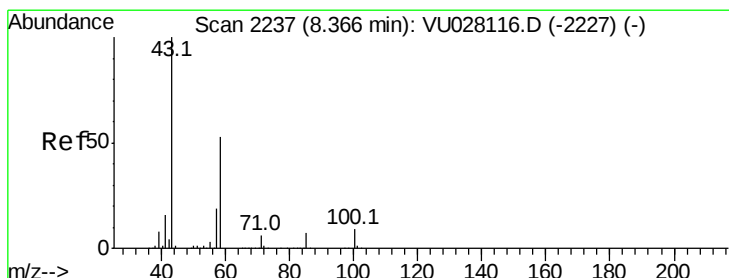
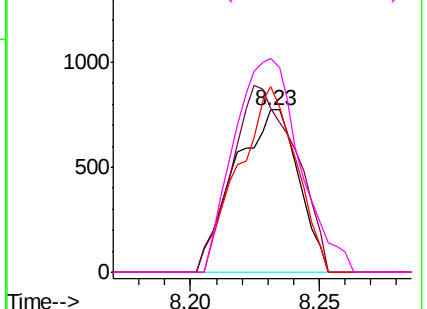
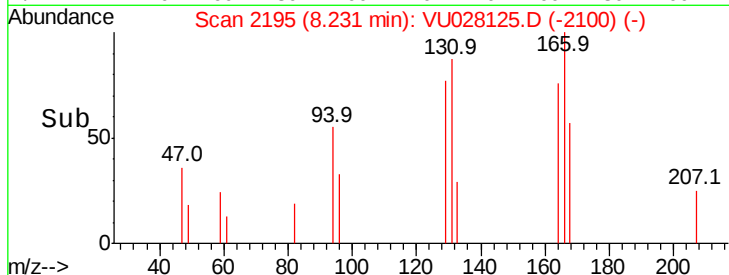
#47
Tetrachloroethene
 Concen: 0.144 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VU028125.D
 Acq: 14 Nov 2018 17:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	164	Resp:	1334
Ion	Ratio	Lower	Upper
164	100		
129	101.2	69.7	129.4
131	114.4	64.0	118.8
166	131.6	86.4	160.4

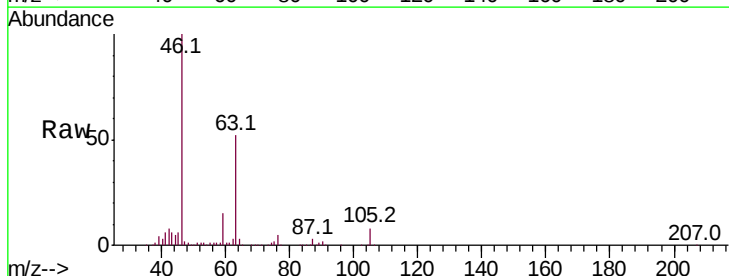


Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

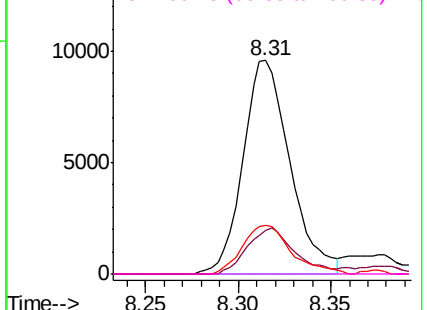
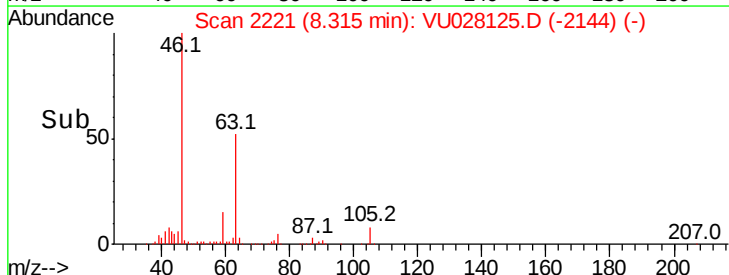


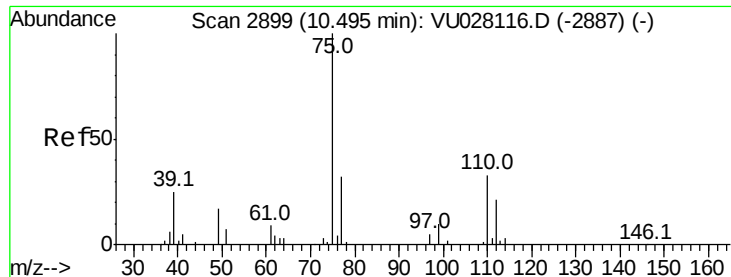
#48
2-Hexanone
 Concen: 2.712 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU028125.D
 Acq: 14 Nov 2018 17:00

Tgt Ion:	43	Resp:	16900
Ion	Ratio	Lower	Upper
43	100		
58	21.7	41.7	62.5#
57	23.7	14.0	21.0#
100	0.0	7.2	10.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.297 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028125.D

Acq: 14 Nov 2018 17:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9269

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.0

