

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028194.D
 Acq On : 16 Nov 2018 19:23
 Operator : MD/SY
 Sample : J5946-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:03:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47583	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	42610	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.28	63	70562	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.20	46	208804	55.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.65	84	95385	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	56939	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	190677	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	72895	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	156152	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.85	79	19679	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.31	63	147192	46.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53732	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	56749	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

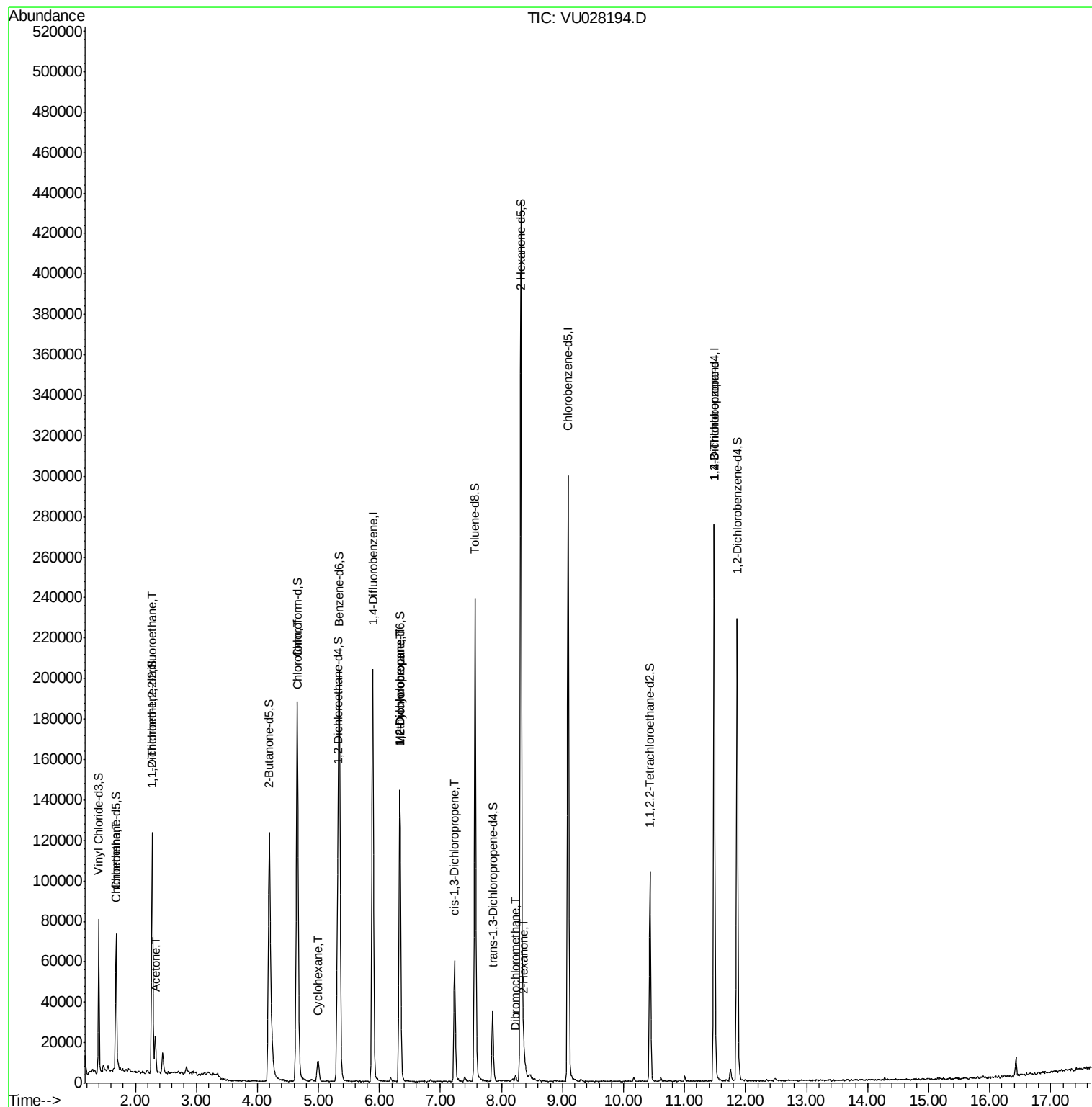
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.70	64	1334	0.132	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	603	0.059	ug/L #	20
13) Acetone	2.32	43	18528	7.320	ug/L	91
25) Chloroform	4.67	83	1087	0.052	ug/L	95
30) Cyclohexane	4.99	56	5333	0.222	ug/L	96
35) Methylcyclohexane	6.33	83	14130	0.651	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7177	0.508	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1344	0.070	ug/L #	58
48) 2-Hexanone	8.37	43	3478	0.503	ug/L #	90
49) Dibromochloromethane	8.22	129	584	0.064	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10115	1.276	ug/L	99

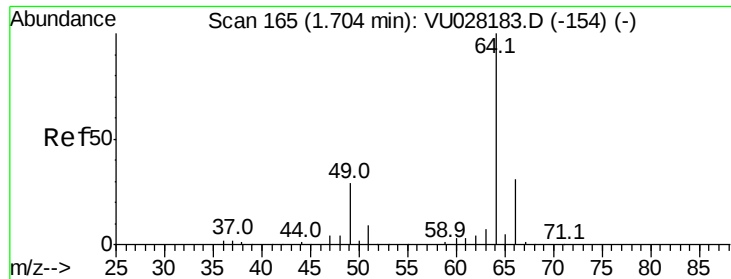
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 16 23:59:22 2018
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#8

Chloroethane

Concen: 0.132 ug/L

RT: 1.70 min Scan# 163

Delta R.T. -0.01 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

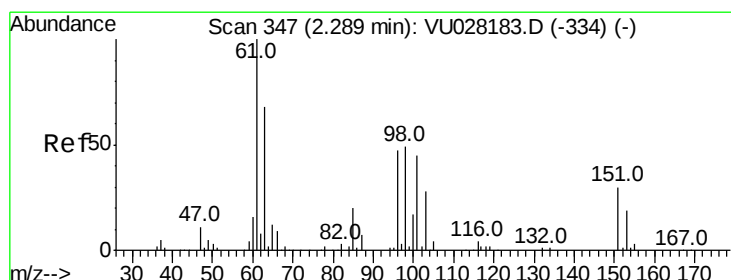
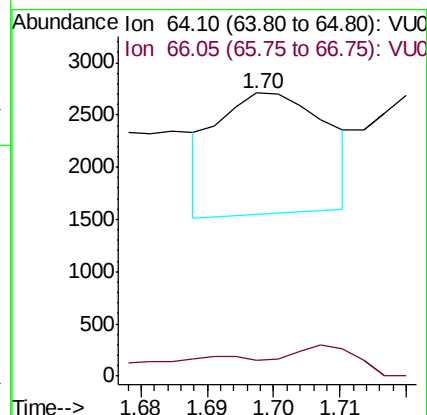
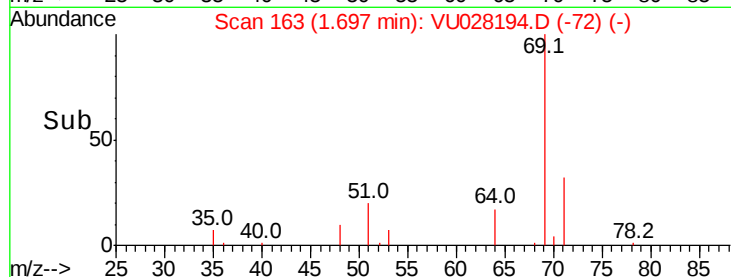
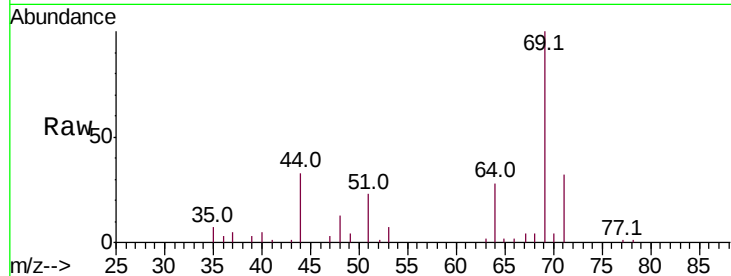
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 64 Resp: 1334

Ion Ratio Lower Upper

64 100

66 5.8 23.1 42.9#



#10

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

Concen: 0.059 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

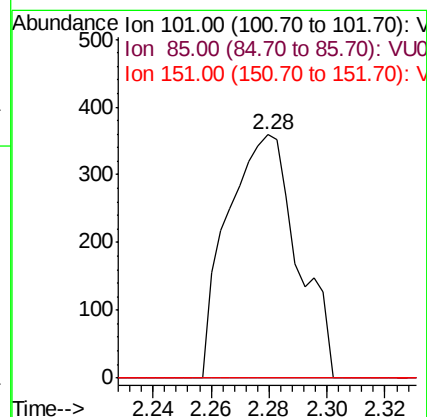
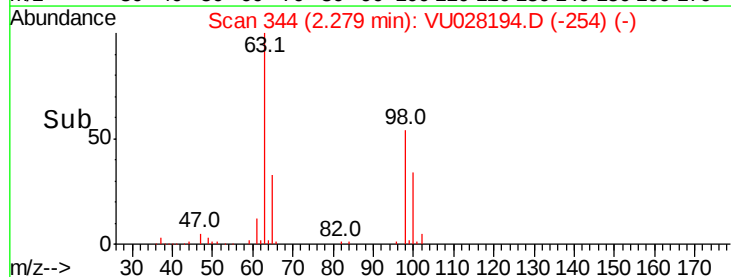
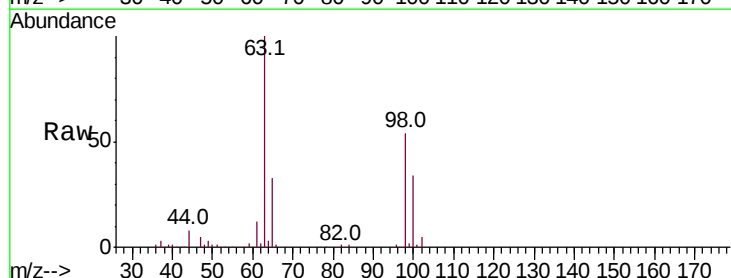
Tgt Ion: 101 Resp: 603

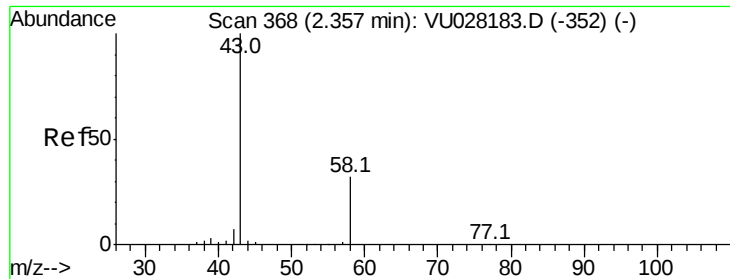
Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#





#13

Acetone

Concen: 7.320 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

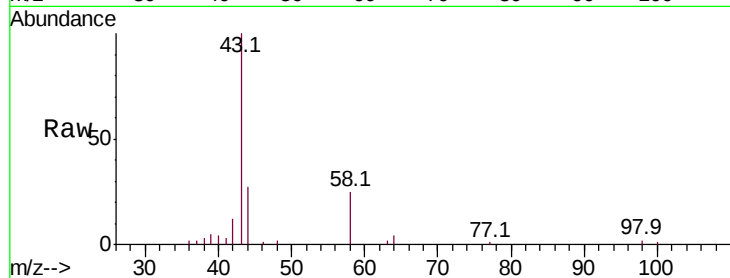
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 18528

Ion Ratio Lower Upper

43 100

58 26.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU028183.D (-352) (-)

Ion 58.05 (57.75 to 58.75): VU028183.D (-352) (-)

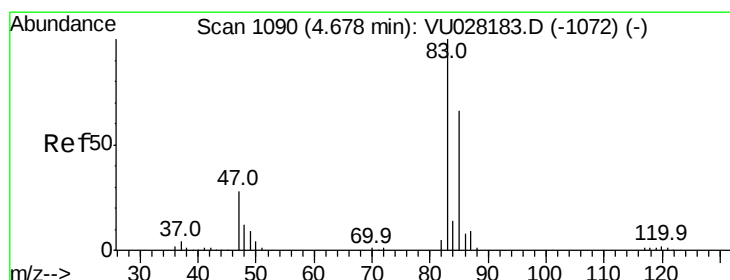
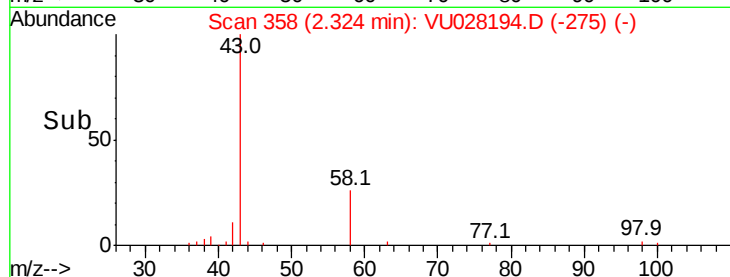
2.32

10000

5000

0

Time-->



#25

Chloroform

Concen: 0.052 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU028194.D

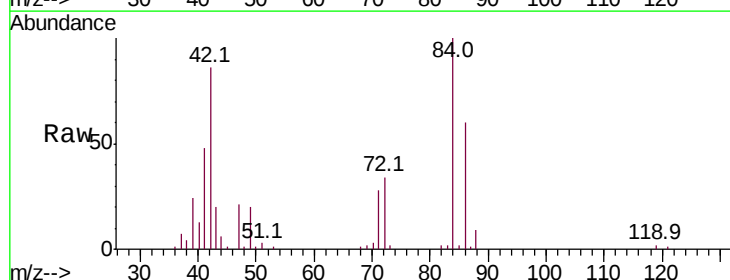
Acq: 16 Nov 2018 19:23

Tgt Ion: 83 Resp: 1087

Ion Ratio Lower Upper

83 100

85 68.5 45.0 83.6



Abundance Ion 83.05 (82.75 to 83.75): VU028183.D (-1072) (-)

Ion 85.00 (84.70 to 85.70): VU028183.D (-1072) (-)

4.67

800

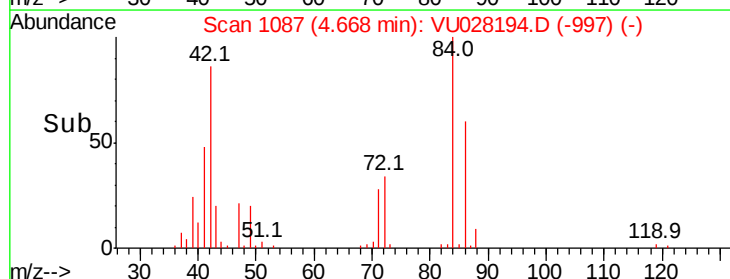
600

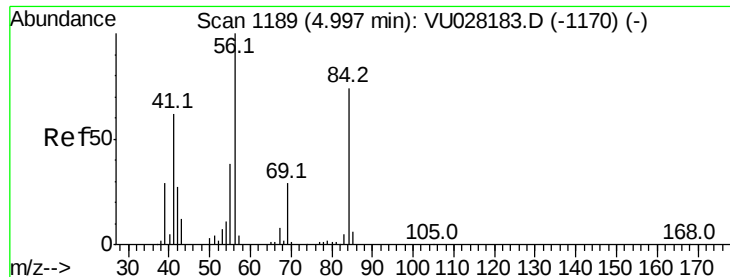
400

200

0

Time-->





#30

Cyclohexane

Concen: 0.222 ug/L

RT: 4.99 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

Instrument :

MSVOA_U

ClientSampleId :

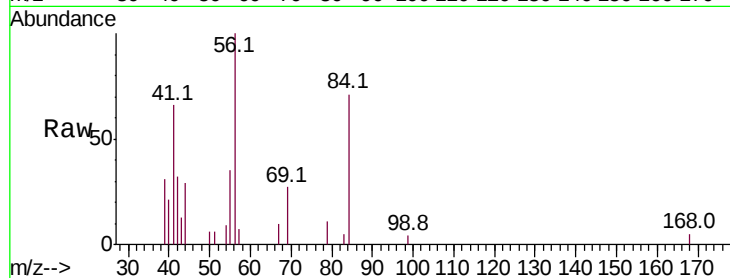
Tot Ion: 56 Resp: 5333

Ion Ratio Lower Upper

56 100

69 26.8 22.6 33.8

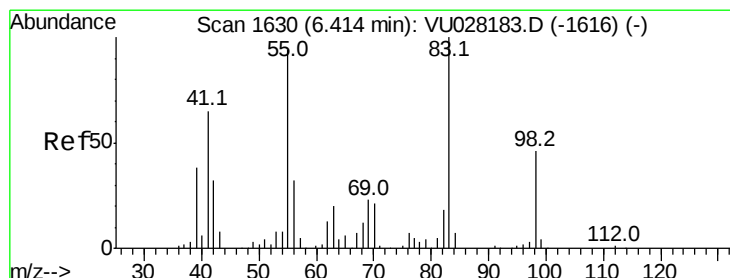
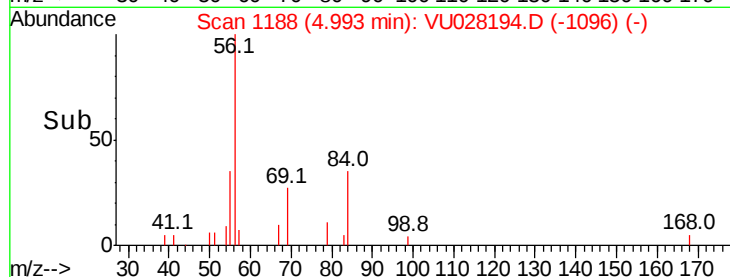
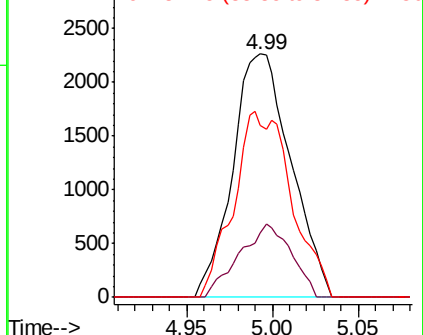
84 75.4 57.7 86.5



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0



#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

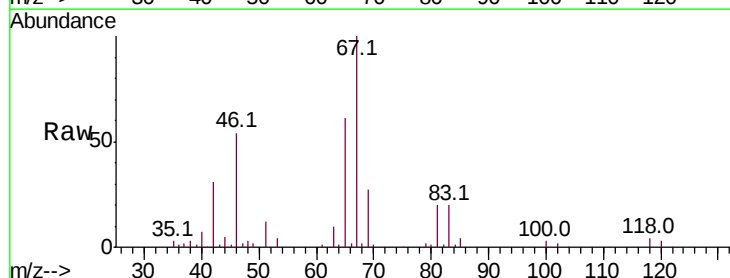
Tgt Ion: 83 Resp: 14130

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

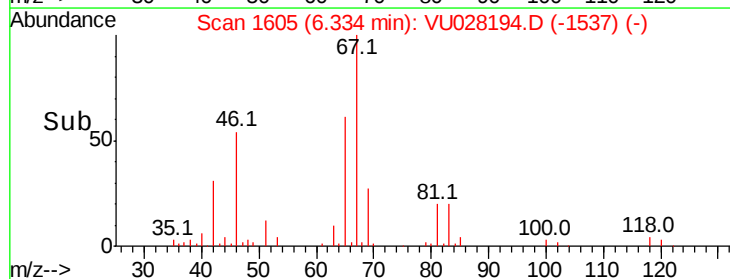
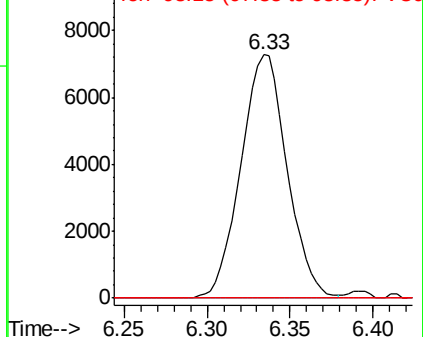
98 2.3 33.3 49.9#

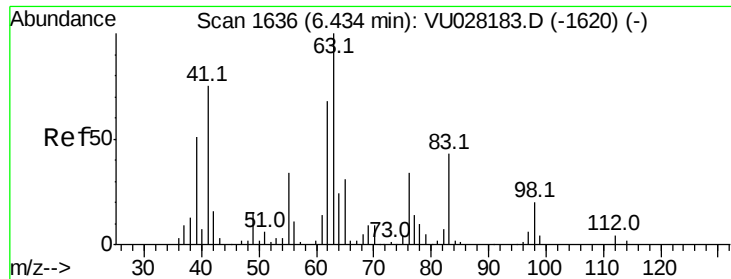


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

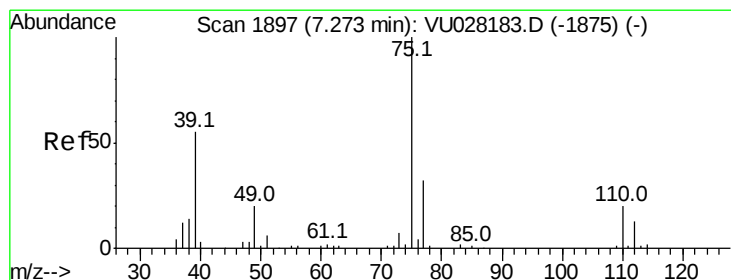
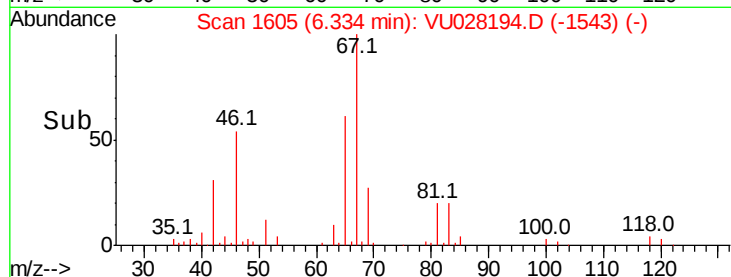
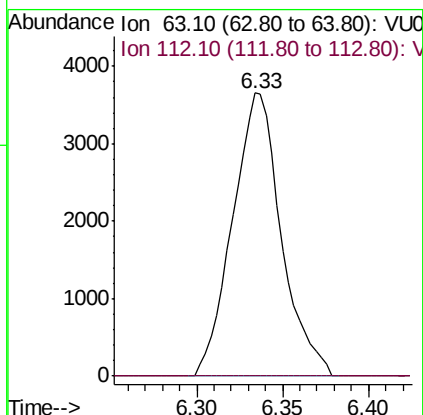
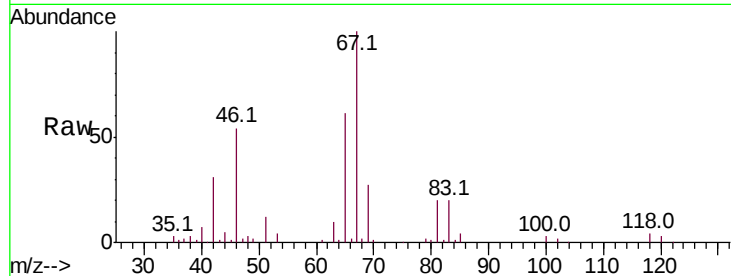




#37
 1,2-Dichloropropane
 Concen: 0.508 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028194.D
 Acq: 16 Nov 2018 19:23

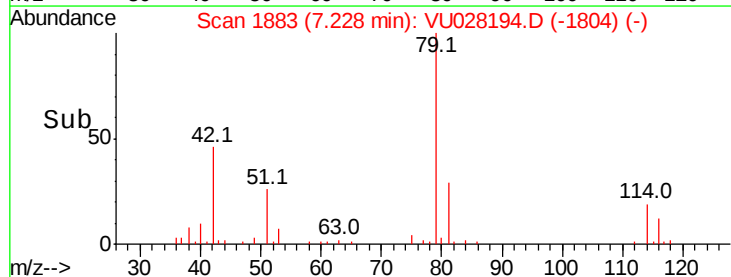
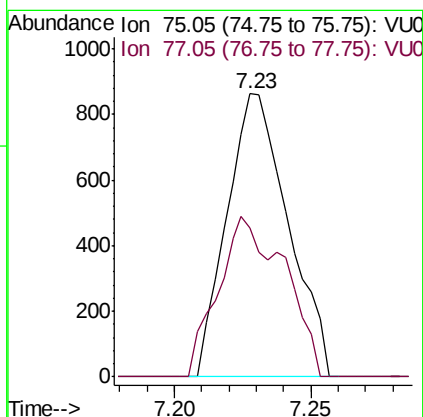
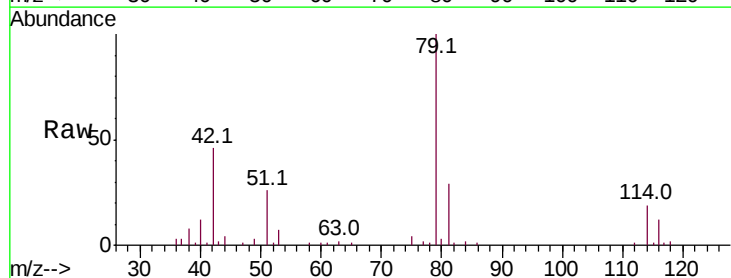
Instrument :
 MSVOA_U
 ClientSampled :

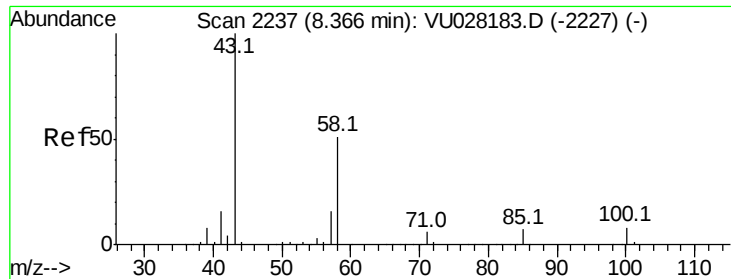
Tot Ion: 63 Resp: 7177
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU028194.D
 Acq: 16 Nov 2018 19:23

Tgt Ion: 75 Resp: 1344
 Ion Ratio Lower Upper
 75 100
 77 52.7 20.9 38.9#

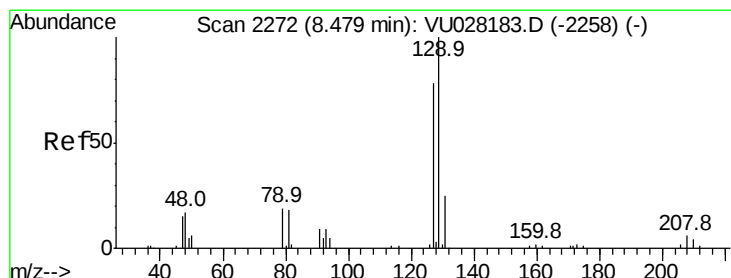
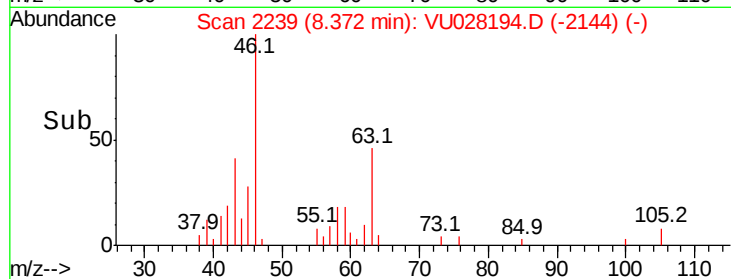
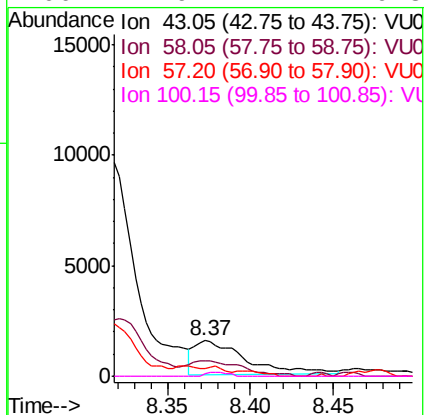
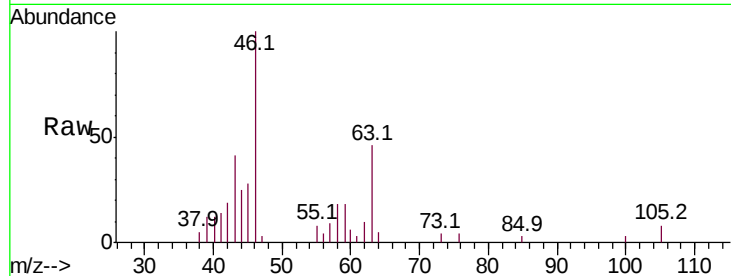




#48
2-Hexanone
Concen: 0.503 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028194.D
Acq: 16 Nov 2018 19:23

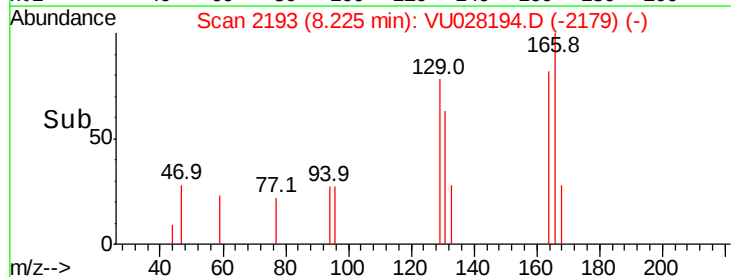
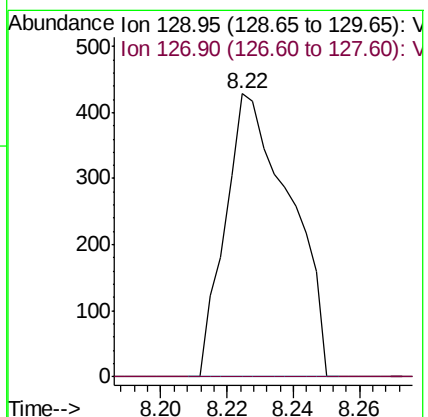
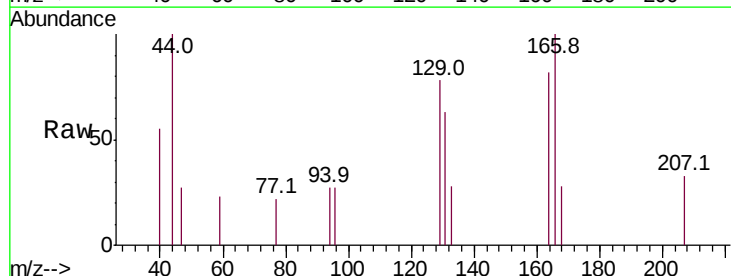
Instrument :
MSVOA_U
ClientSampled :

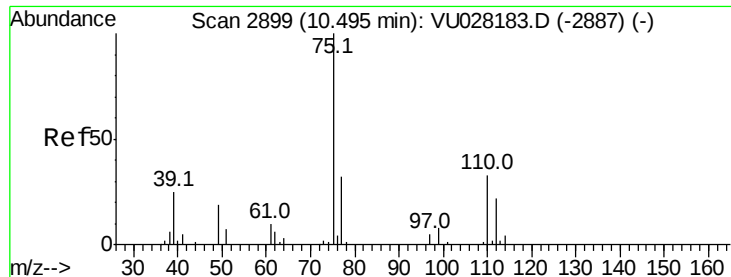
Tot Ion: 43 Resp: 3478
Ion Ratio Lower Upper
43 100
58 47.9 41.7 62.5
57 9.1 14.0 21.0#
100 4.9 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.064 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028194.D
Acq: 16 Nov 2018 19:23

Tgt Ion: 129 Resp: 584
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028194.D

Acq: 16 Nov 2018 19:23

Instrument :

MSVOA_U

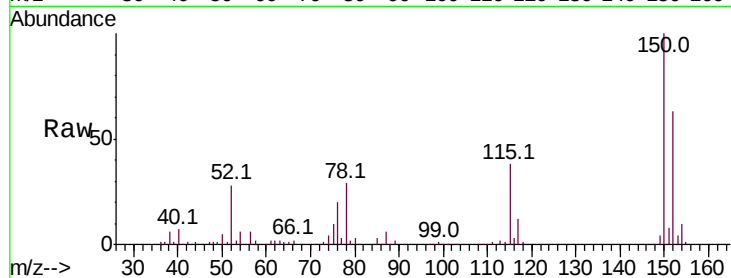
ClientSampleId :

Tot Ion: 75 Resp: 10115

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

