

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111618\
 Data File : VU028201.D
 Acq On : 16 Nov 2018 22:09
 Operator : MD/SY
 Sample : J5960-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:04:30 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	154434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47129	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	42940	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.28	63	70702	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.20	46	210850	56.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.65	84	93169	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	56123	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	182464	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.33	67	70142	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.57	98	152032	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.85	79	19205	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.31	63	152190	48.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52444	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	55132	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

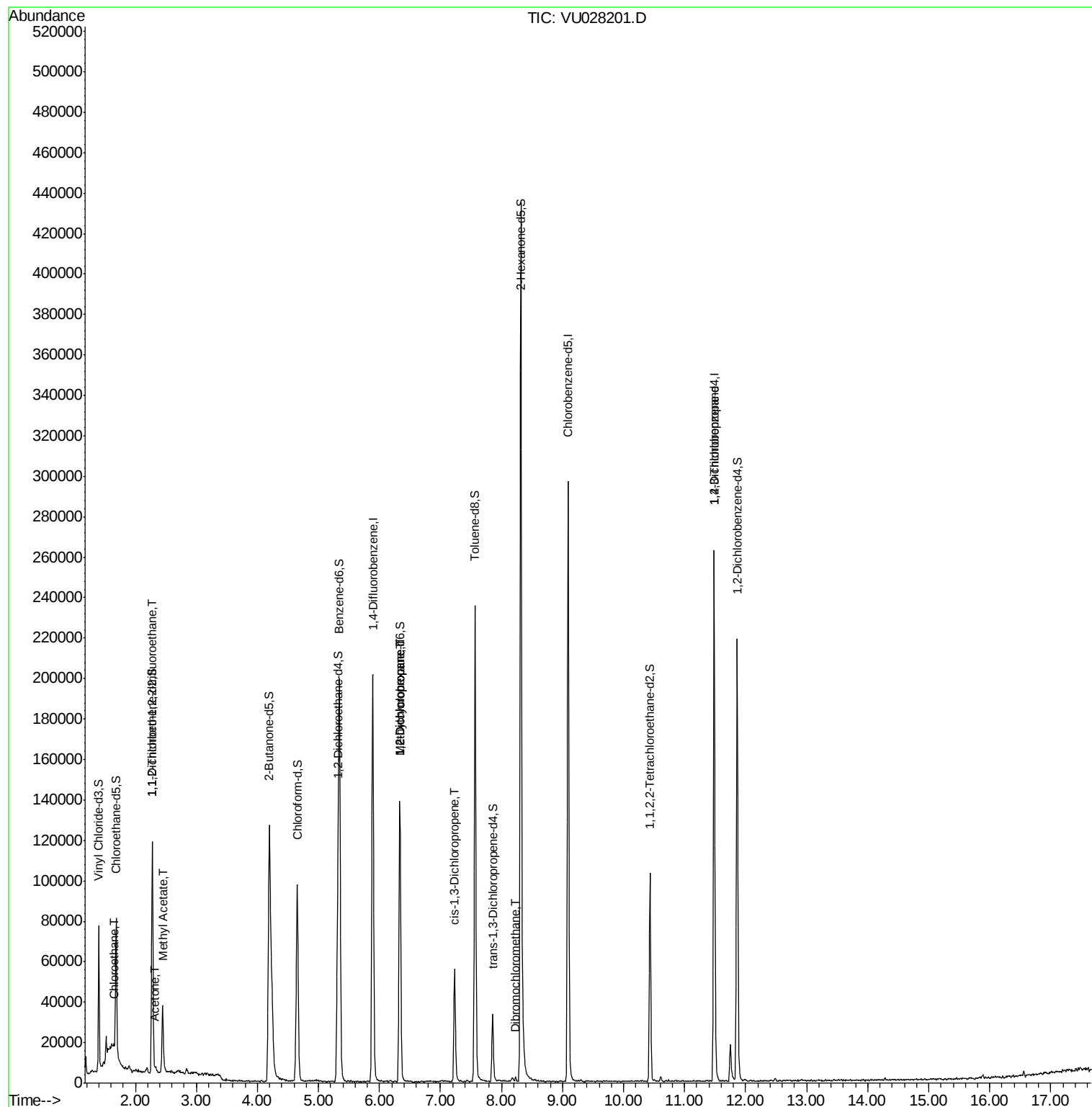
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.65	64	2528	0.254	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	428	0.042	ug/L #	20
13) Acetone	2.32	43	2238	0.894	ug/L	85
15) Methyl Acetate	2.45	43	8305	1.241	ug/L #	60
35) Methylcyclohexane	6.33	83	13854	0.648	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6987	0.502	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1259	0.067	ug/L	90
49) Dibromochloromethane	8.23	129	431	0.048	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10335	1.322	ug/L	96

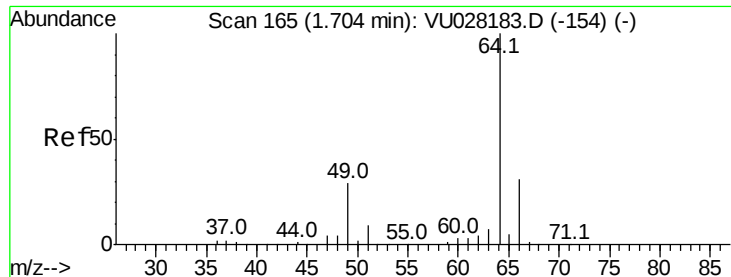
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Chloroethane

Concen: 0.254 ug/L

RT: 1.65 min Scan# 149

Delta R.T. -0.05 min

Lab File: VU028201.D

Acq: 16 Nov 2018 22:09

Instrument :

MSVOA_U

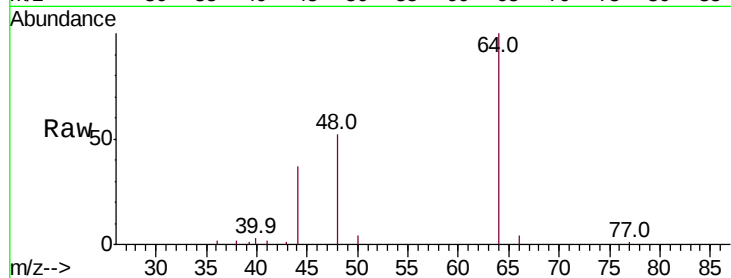
ClientSampled :

Tot Ion: 64 Resp: 2528

Ion Ratio Lower Upper

64 100

66 3.9 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.65

10000

8000

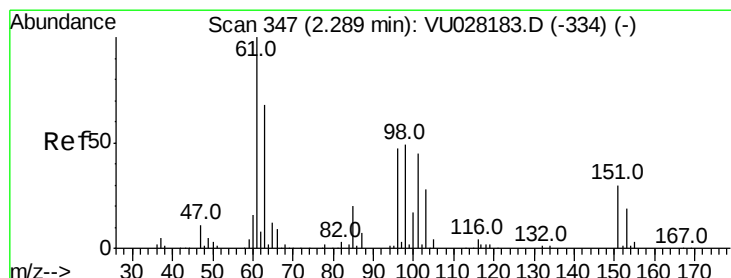
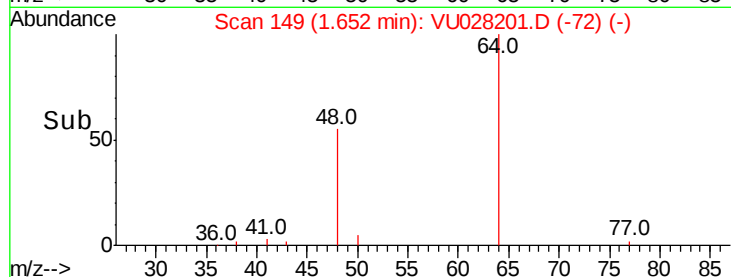
6000

4000

2000

0

Time-->



#10

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

Concen: 0.042 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028201.D

Acq: 16 Nov 2018 22:09

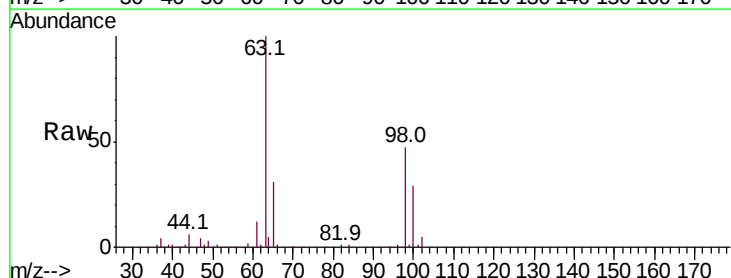
Tgt Ion: 101 Resp: 428

Ion Ratio Lower Upper

101 100

85 0.0 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

500

400

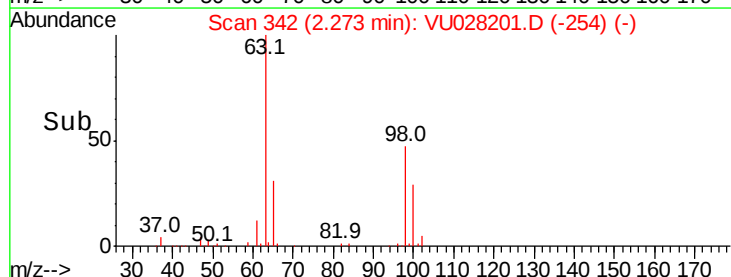
300

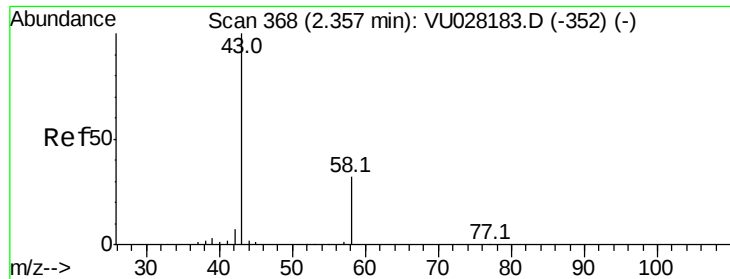
200

100

0

Time-->





#13

Acetone

Concen: 0.894 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU028201.D

Acq: 16 Nov 2018 22:09

Instrument :

MSVOA_U

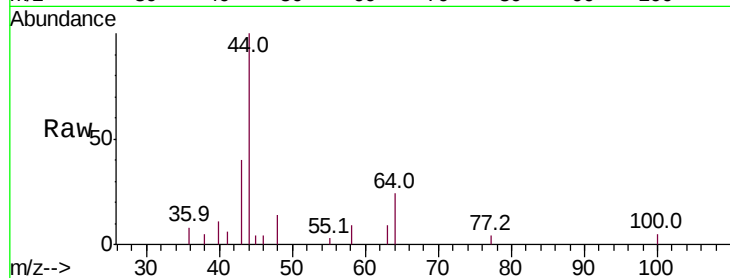
ClientSampled :

Tot Ion: 43 Resp: 2238

Ion Ratio Lower Upper

43 100

58 22.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

1000

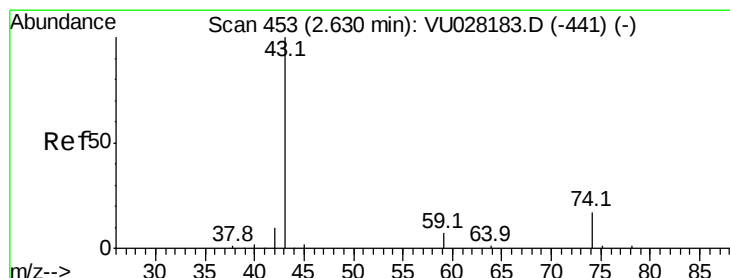
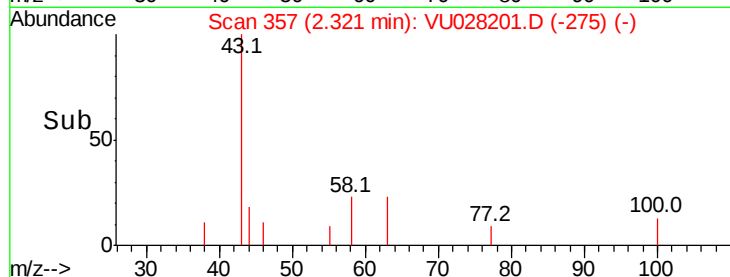
500

0

Time-->

2.30

2.35



#15

Methyl Acetate

Concen: 1.241 ug/L

RT: 2.45 min Scan# 396

Delta R.T. -0.18 min

Lab File: VU028201.D

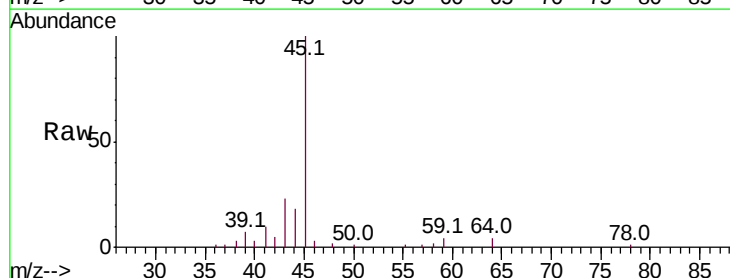
Acq: 16 Nov 2018 22:09

Tgt Ion: 43 Resp: 8305

Ion Ratio Lower Upper

43 100

74 0.8 14.9 22.3#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.45

5000

4000

3000

2000

1000

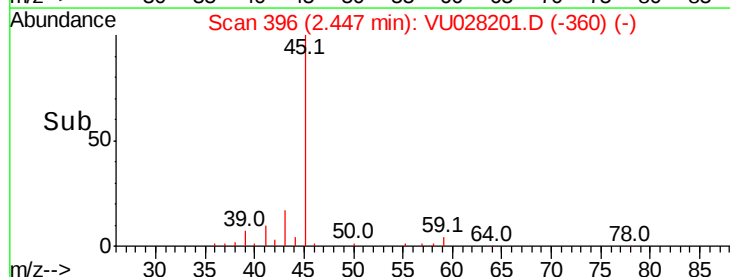
0

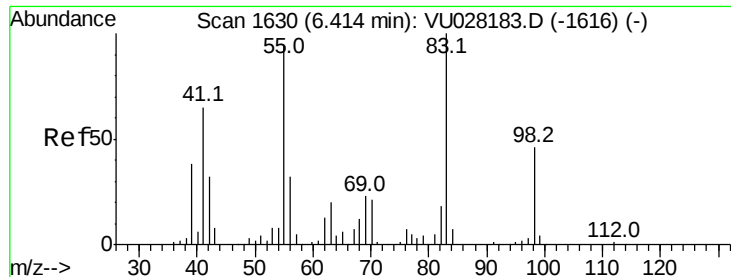
Time-->

2.40

2.45

2.50

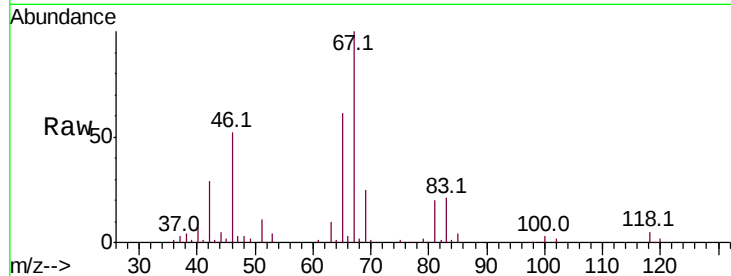




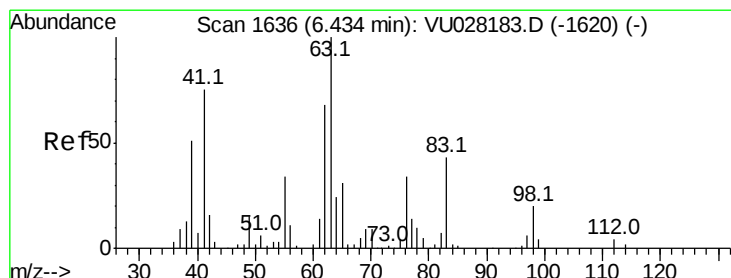
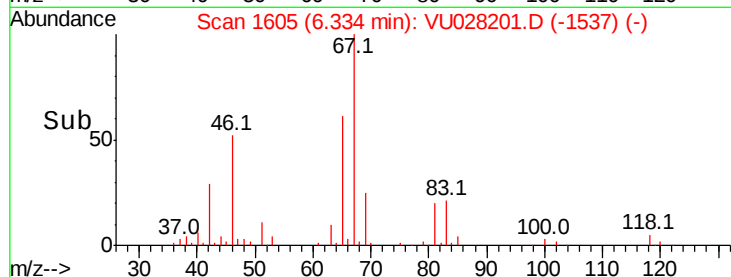
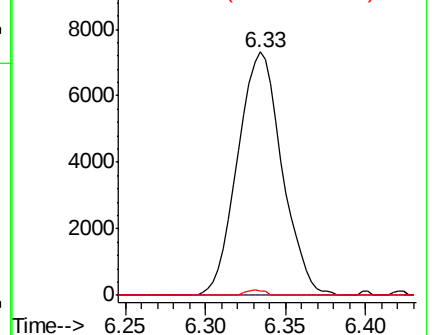
#35
Methvlcvclohexane
Concen: 0.648 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028201.D
Acq: 16 Nov 2018 22:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 13854
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.9 33.3 49.9#

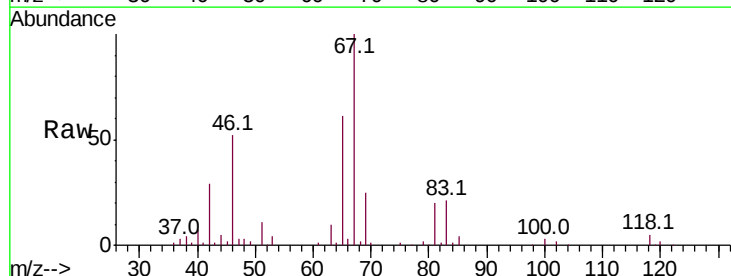


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

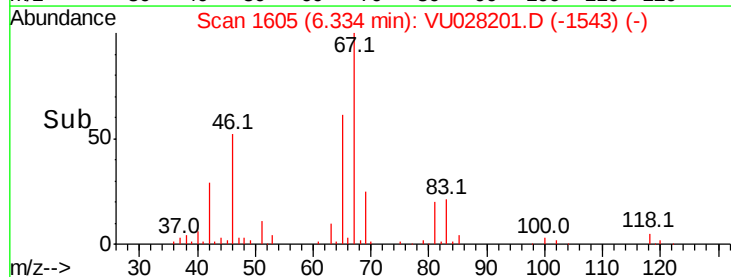
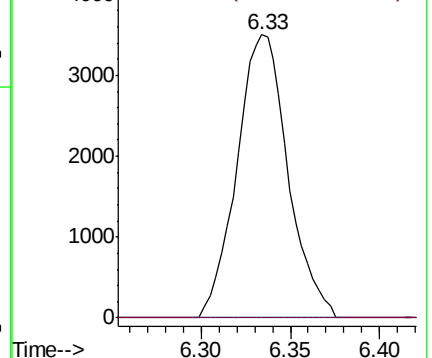


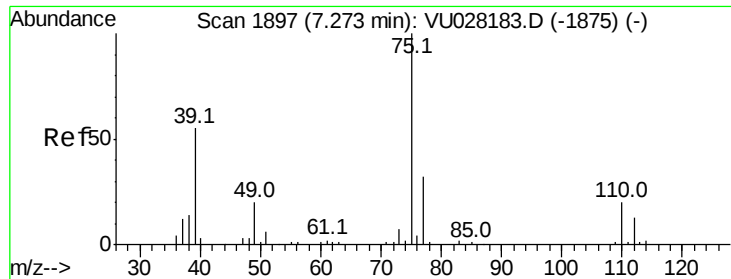
#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028201.D
Acq: 16 Nov 2018 22:09

Tgt Ion: 63 Resp: 6987
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

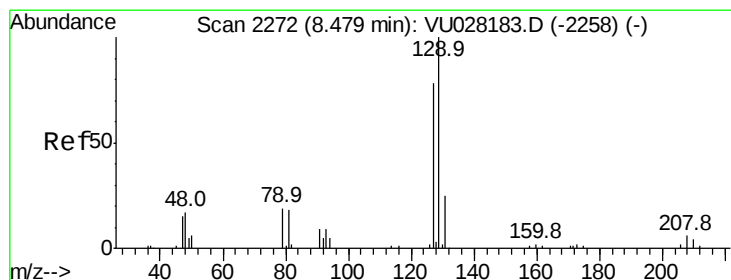
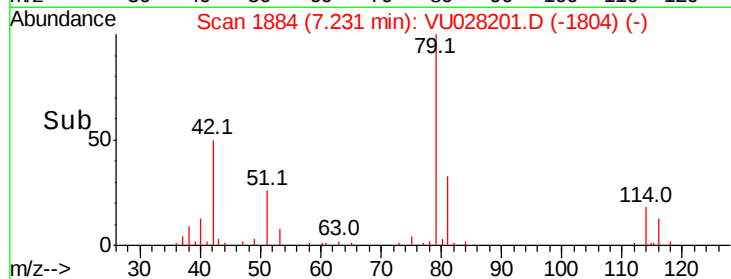
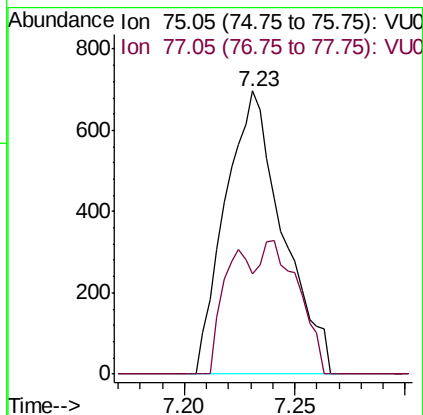
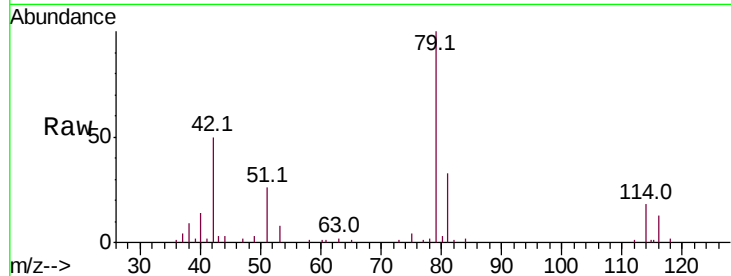




#39
 cis-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028201.D
 Acq: 16 Nov 2018 22:09

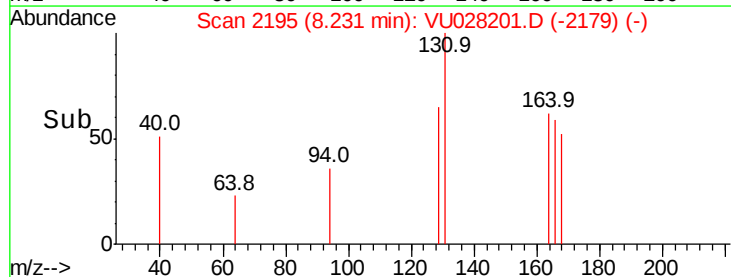
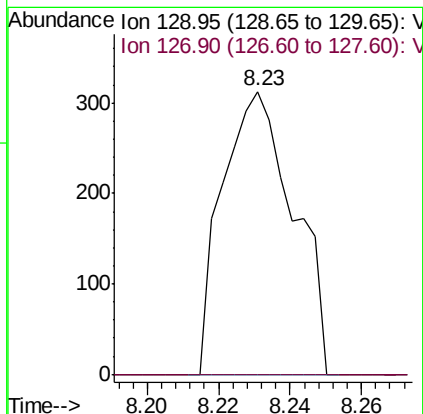
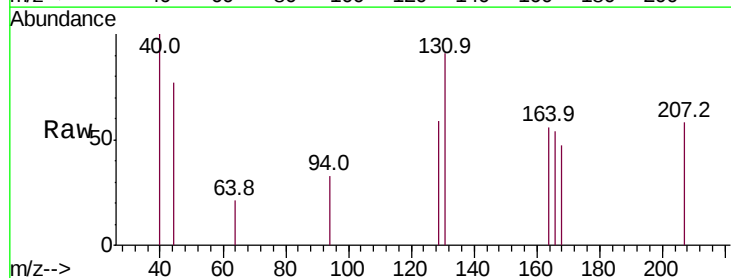
Instrument :
 MSVOA_U
 ClientSampleId :

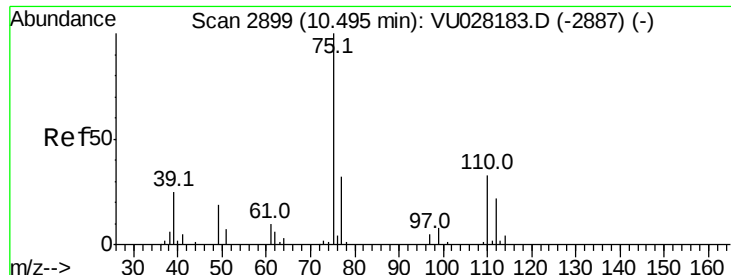
Tot Ion: 75 Resp: 1259
 Ion Ratio Lower Upper
 75 100
 77 35.3 20.9 38.9



#49
 Dibromochloromethane
 Concen: 0.048 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. -0.25 min
 Lab File: VU028201.D
 Acq: 16 Nov 2018 22:09

Tgt Ion: 129 Resp: 431
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.322 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028201.D

Acq: 16 Nov 2018 22:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10335

Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.0

