

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028187.D
 Acq On : 16 Nov 2018 16:37
 Operator : MD/SY
 Sample : J5944-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:02:29 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	168512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	69496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67179	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	52007	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.28	63	95216	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.21	46	214349	52.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	4.65	84	109329	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	65205	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.34	84	224734	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	83461	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.57	98	194696	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	24563	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.31	63	159376	46.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57892	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	66646	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

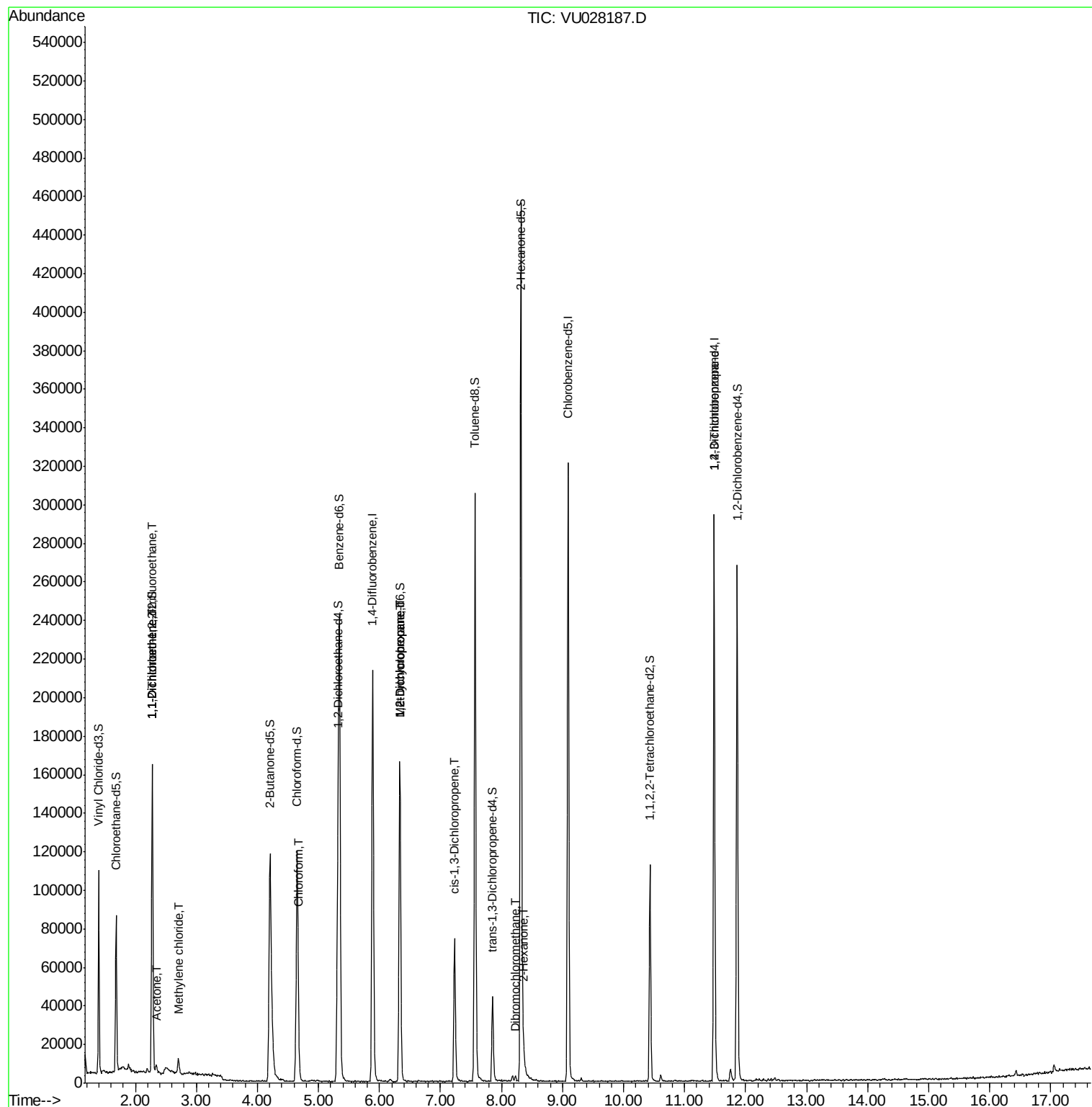
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	694	0.063	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	575	0.051	ug/L #	1
13) Acetone	2.35	43	2739	1.003	ug/L	81
16) Methylene chloride	2.70	84	2910	0.220	ug/L	92
25) Chloroform	4.68	83	3982	0.177	ug/L	98
35) Methylcyclohexane	6.33	83	17185	0.739	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	8419	0.556	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1750	0.085	ug/L #	55
48) 2-Hexanone	8.36	43	2516	0.339	ug/L #	91
49) Dibromochloromethane	8.22	129	607	0.062	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10732	1.262	ug/L	99

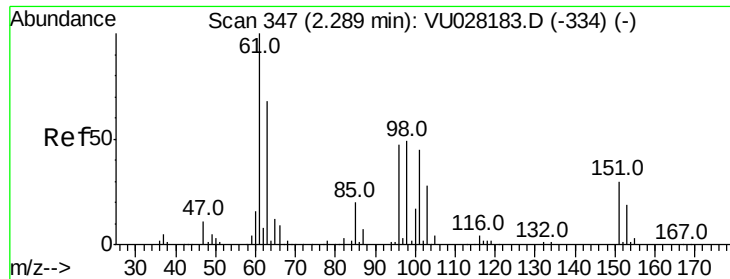
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.063 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028187.D

Acq: 16 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampled :

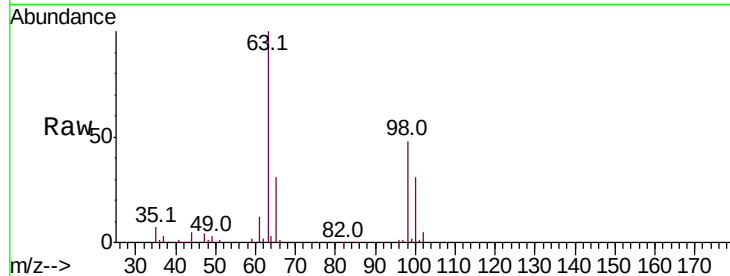
Tot Ion:101 Resp: 694

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

2.28

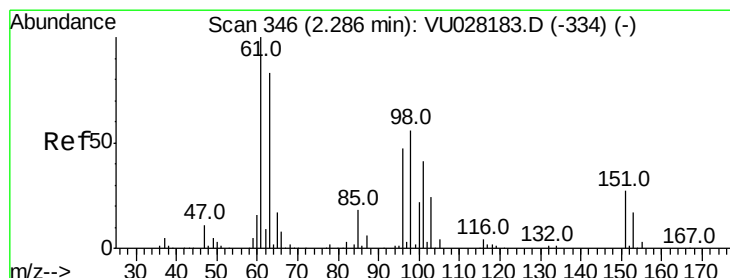
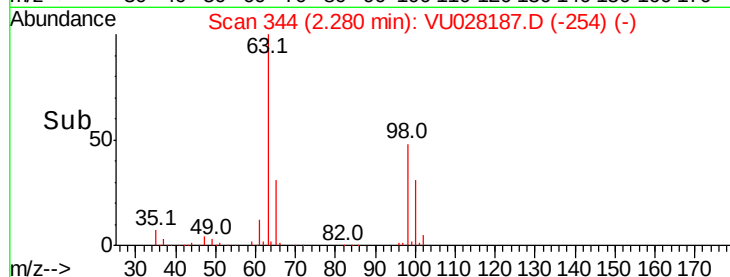
400

200

0

2.24 2.26 2.28 2.30 2.32

Time-->



#12

1,1-Dichloroethene

Concen: 0.051 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028187.D

Acq: 16 Nov 2018 16:37

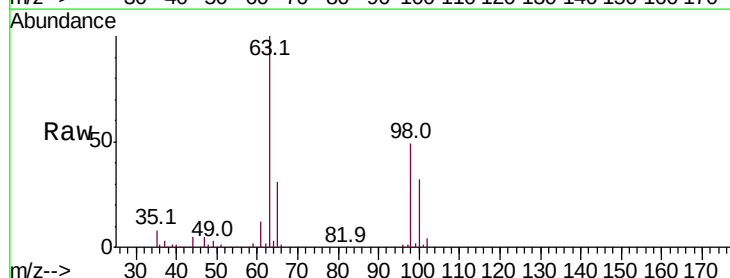
Tgt Ion: 96 Resp: 575

Ion Ratio Lower Upper

96 100

61 1685.5 134.8 250.3#

63 14326.9 100.1 185.9#



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

80000

60000

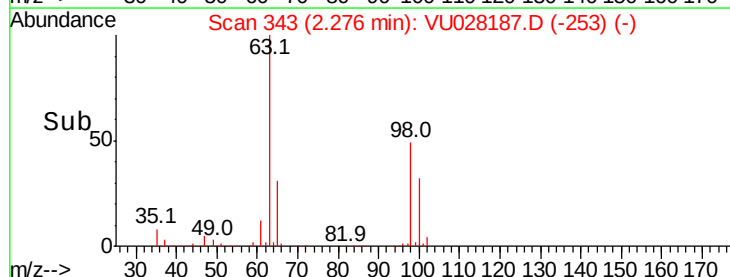
40000

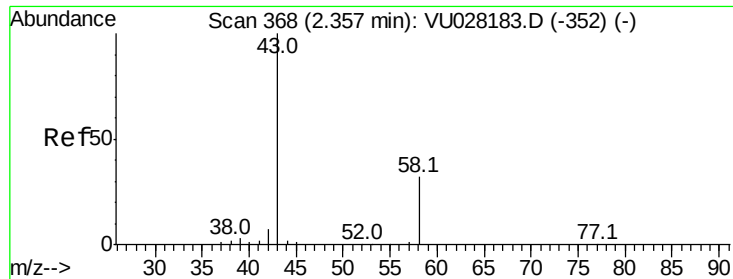
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 1.003 ug/L

RT: 2.35 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU028187.D

Acq: 16 Nov 2018 16:37

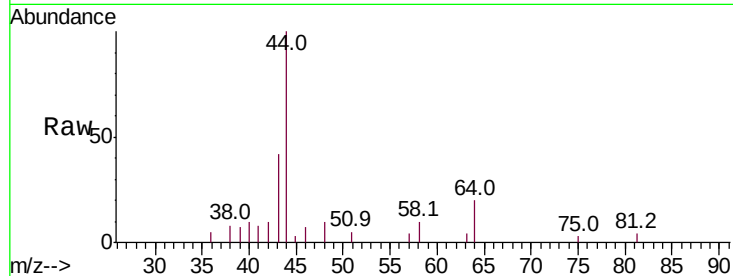
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2739

Ion Ratio Lower Upper

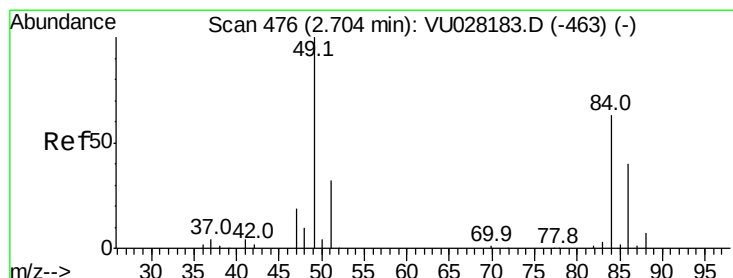
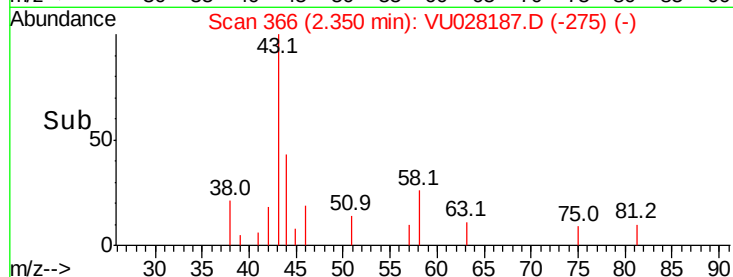
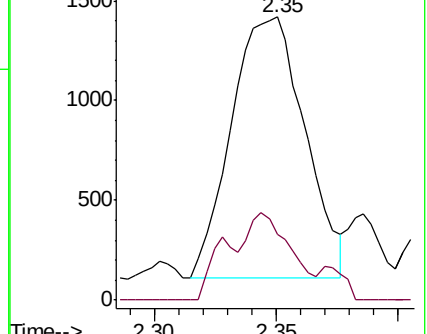
43 100

58 20.2 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.220 ug/L

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU028187.D

Acq: 16 Nov 2018 16:37

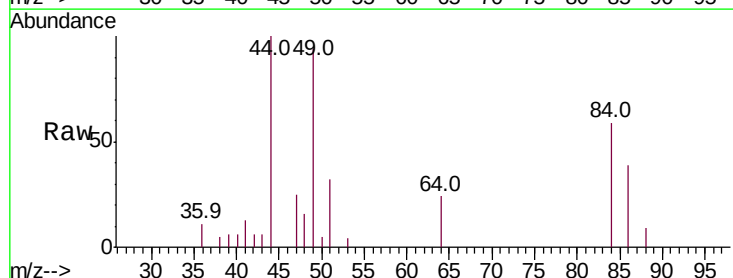
Tgt Ion: 84 Resp: 2910

Ion Ratio Lower Upper

84 100

86 66.5 44.6 82.8

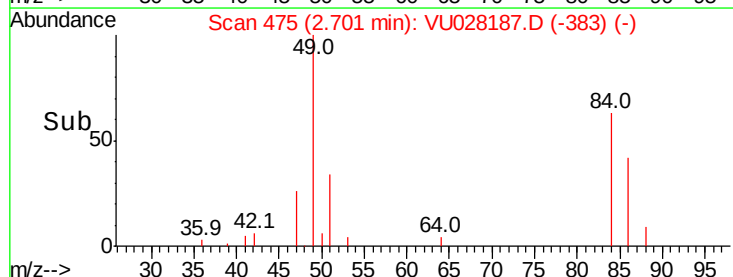
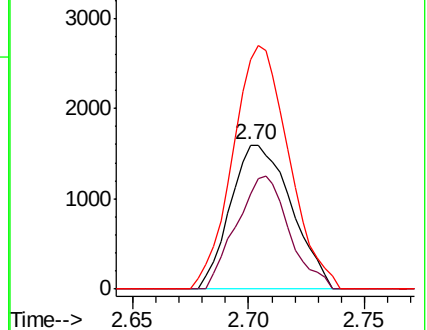
49 159.0 102.5 190.3

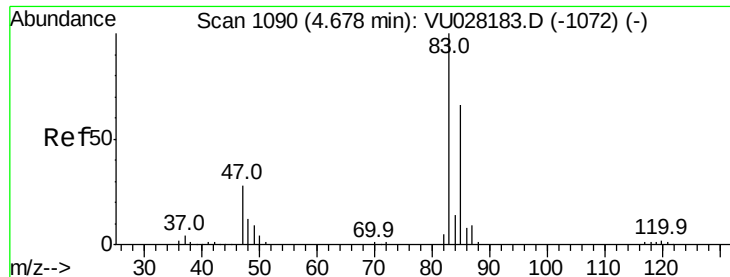


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

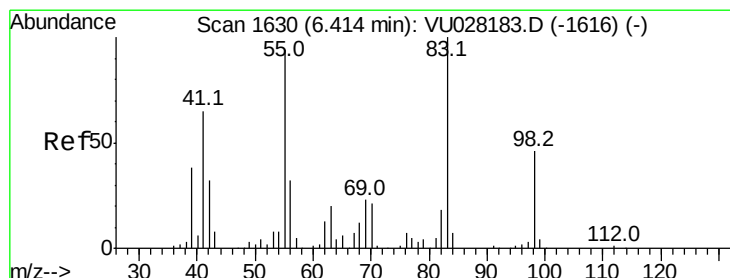
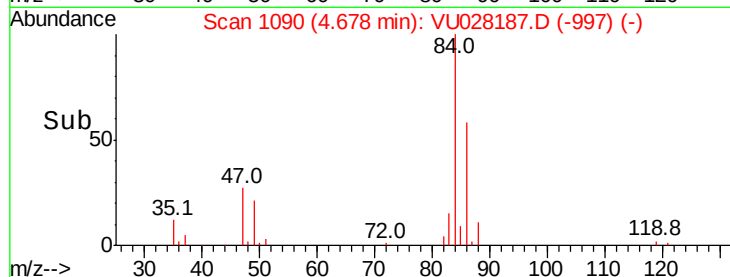
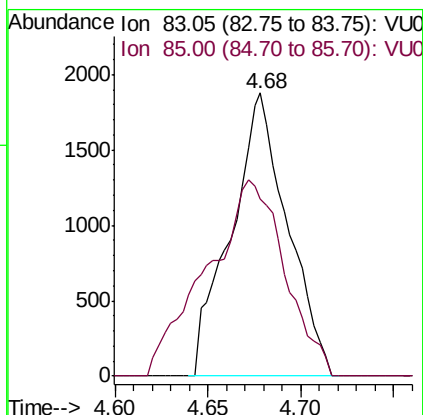
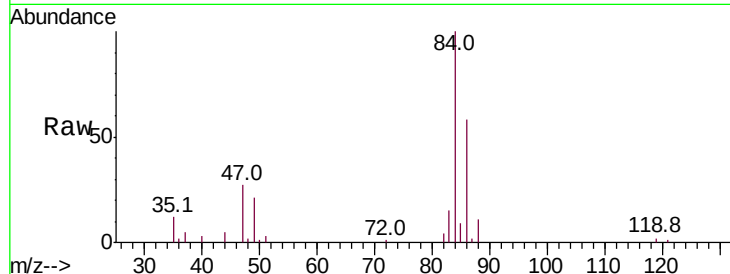




#25
Chloroform
Concen: 0.177 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028187.D
Acq: 16 Nov 2018 16:37

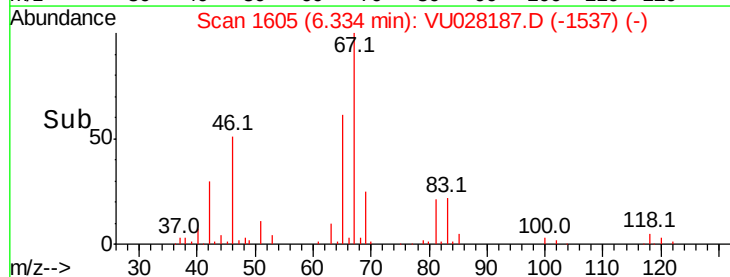
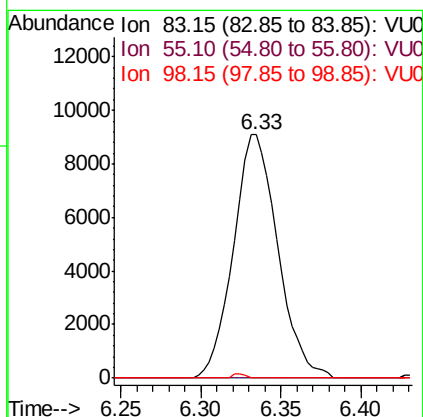
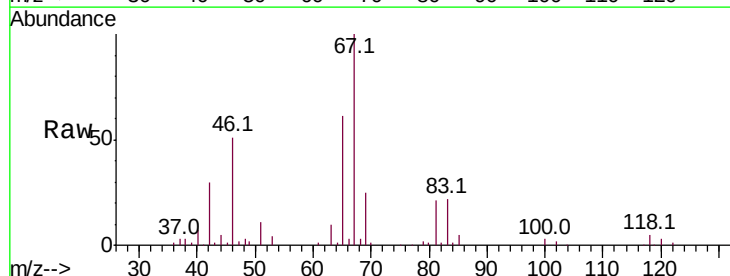
Instrument :
MSVOA_U
ClientSampled :

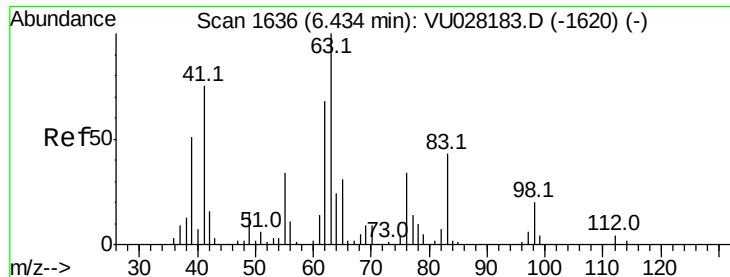
Tot Ion: 83 Resp: 3982
Ion Ratio Lower Upper
83 100
85 62.6 45.0 83.6



#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028187.D
Acq: 16 Nov 2018 16:37

Tgt Ion: 83 Resp: 17185
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.5 33.3 49.9#

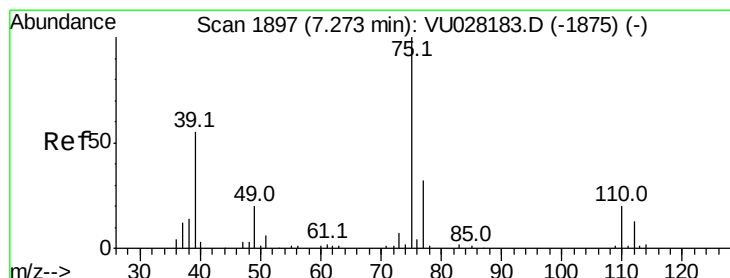
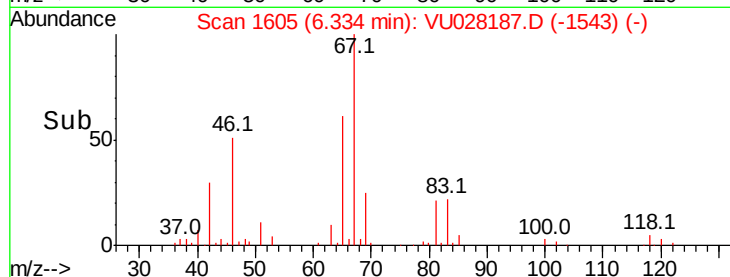
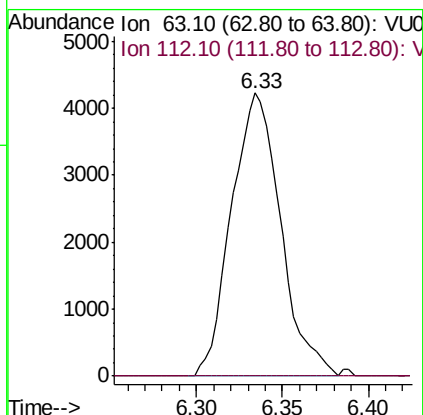
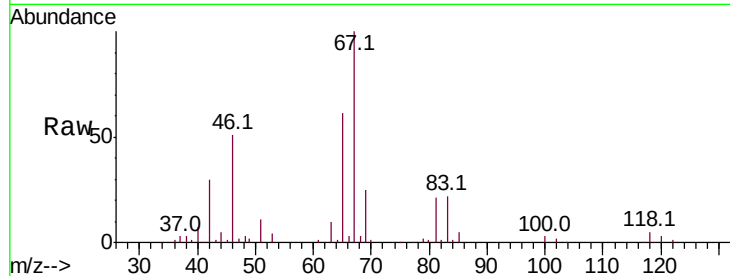




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028187.D
 Acq: 16 Nov 2018 16:37

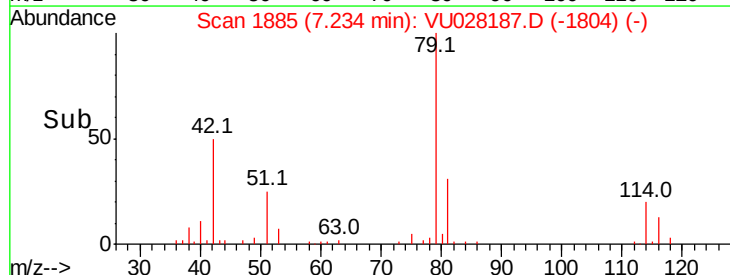
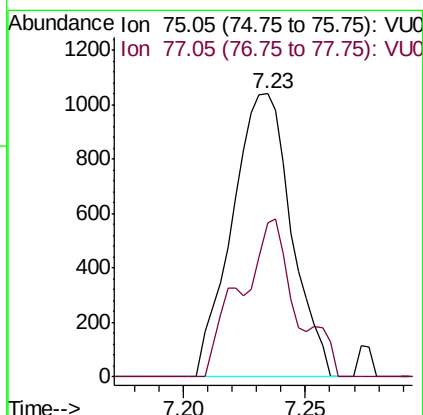
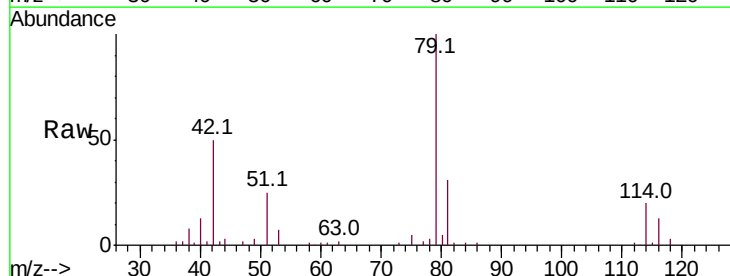
Instrument :
 MSVOA_U
 ClientSampled :

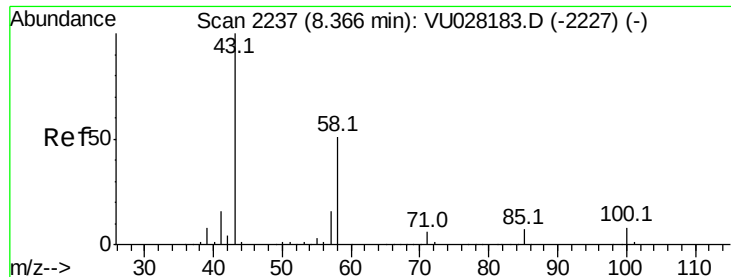
Tot Ion: 63 Resp: 8419
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU028187.D
 Acq: 16 Nov 2018 16:37

Tgt Ion: 75 Resp: 1750
 Ion Ratio Lower Upper
 75 100
 77 54.3 20.9 38.9#

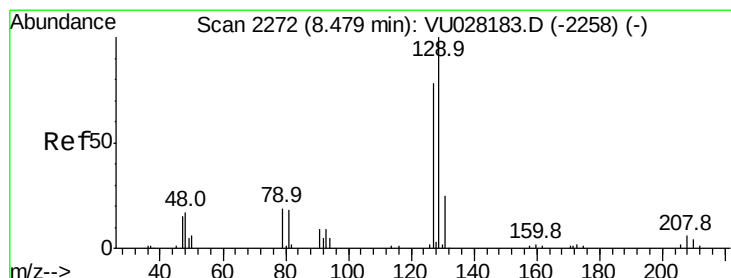
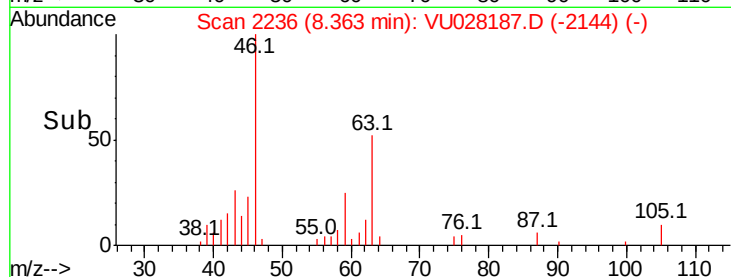
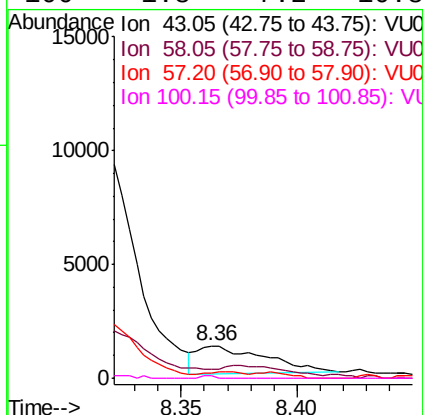
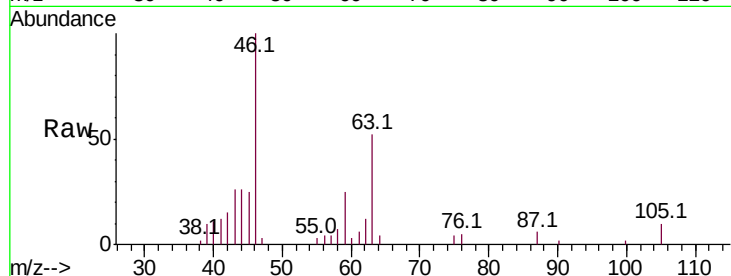




#48
2-Hexanone
Concen: 0.339 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028187.D
Acq: 16 Nov 2018 16:37

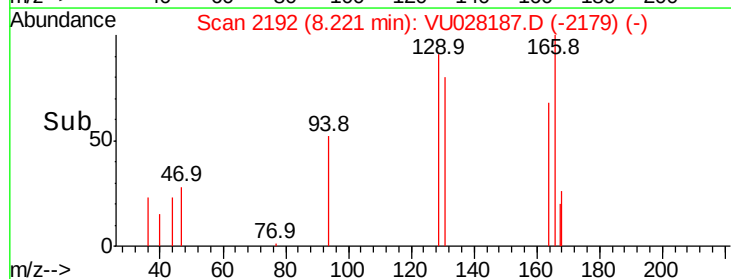
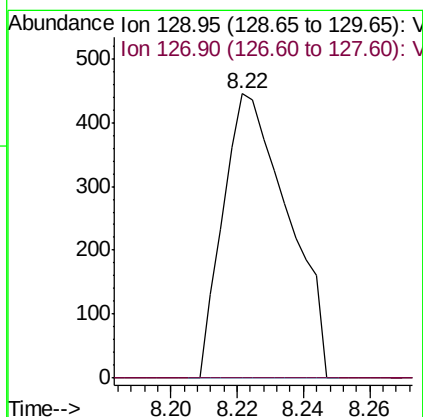
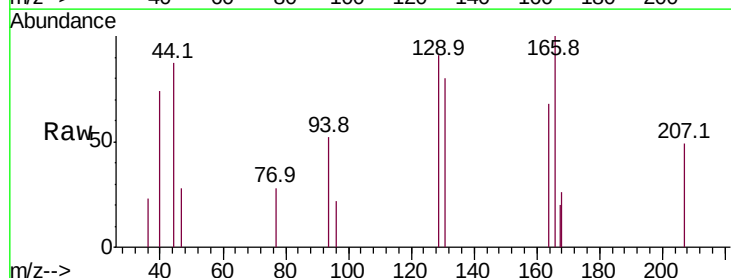
Instrument :
MSVOA_U
ClientSampleId :

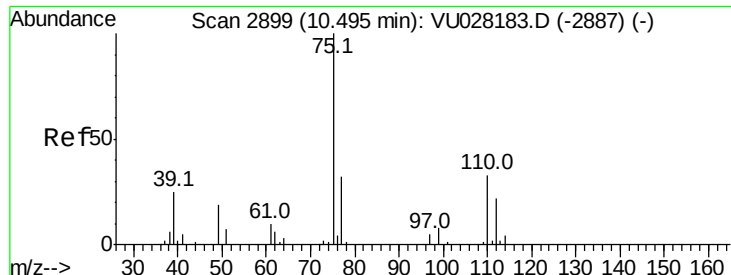
Tot Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 48.6 41.7 62.5
57 10.3 14.0 21.0#
100 1.8 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.062 ug/L
RT: 8.22 min Scan# 2192
Delta R.T. -0.26 min
Lab File: VU028187.D
Acq: 16 Nov 2018 16:37

Tgt Ion: 129 Resp: 607
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.262 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028187.D

Acq: 16 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10732

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

