

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028198.D
 Acq On : 16 Nov 2018 20:58
 Operator : MD/SY
 Sample : J5946-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:04:09 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	156892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46112	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.68	69	41678	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.28	63	68736	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.20	46	206468	54.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.36%
24) Chloroform-d	4.65	84	94504	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	58008	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.34	84	186070	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	71550	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.57	98	154695	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	19531	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.31	63	148360	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53659	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	56949	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

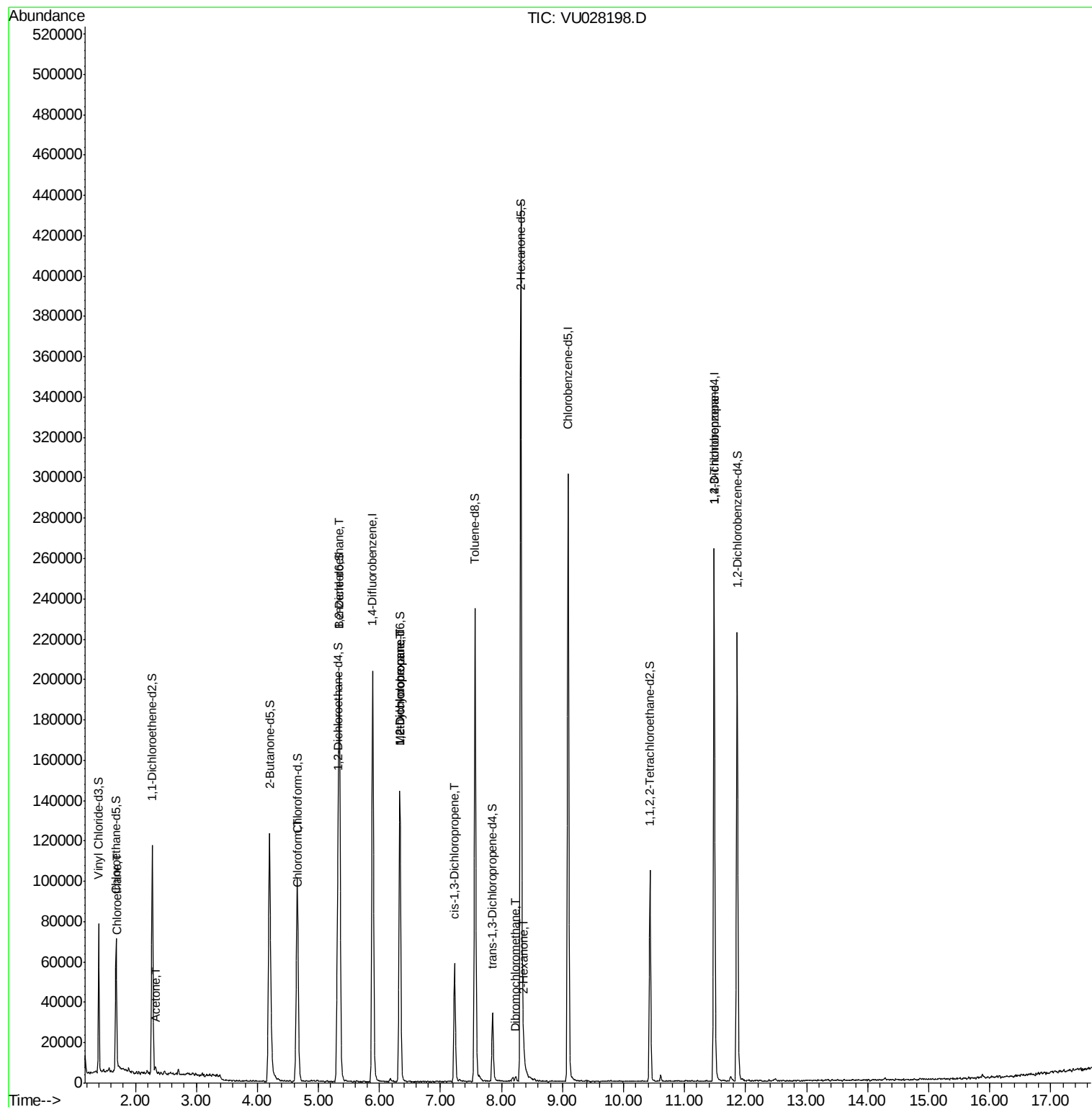
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.70	64	1344	0.133	ug/L #	52
13) Acetone	2.33	43	2529	0.994	ug/L	74
25) Chloroform	4.67	83	1486	0.071	ug/L	98
27) 1,2-Dichloroethane	5.35	62	1067	0.078	ug/L #	76
35) Methylcyclohexane	6.33	83	13167	0.599	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7249	0.507	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1128	0.058	ug/L #	51
48) 2-Hexanone	8.37	43	3569	0.510	ug/L #	59
49) Dibromochloromethane	8.23	129	405	0.044	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10079	1.255	ug/L	97

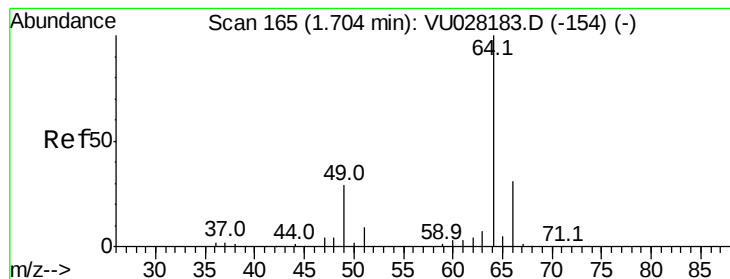
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.133 ug/L

RT: 1.70 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU028198.D

Acq: 16 Nov 2018 20:58

Instrument :

MSVOA_U

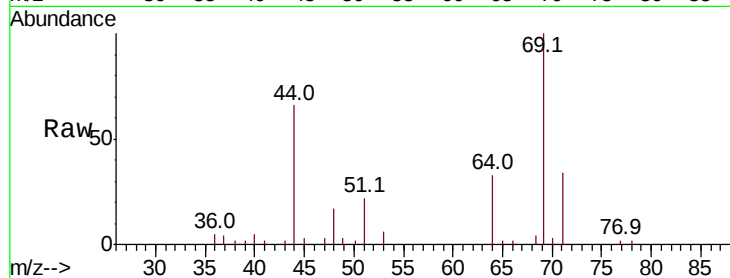
ClientSampleId :

Tot Ion: 64 Resp: 1344

Ion Ratio Lower Upper

64 100

66 5.9 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.70

1.69 1.70 1.71

2000

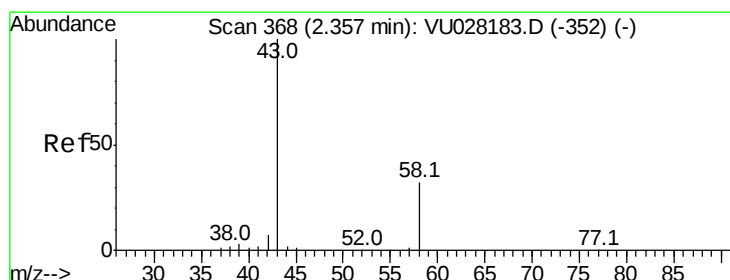
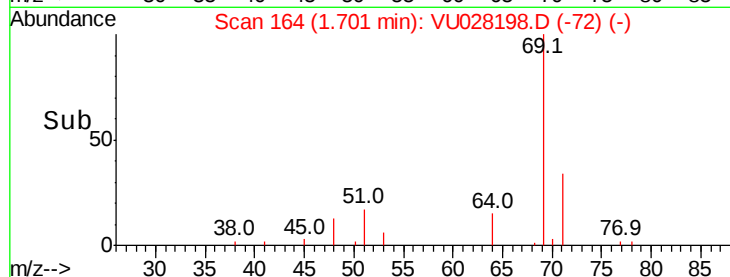
1500

1000

500

0

Time-->



#13

Acetone

Concen: 0.994 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.03 min

Lab File: VU028198.D

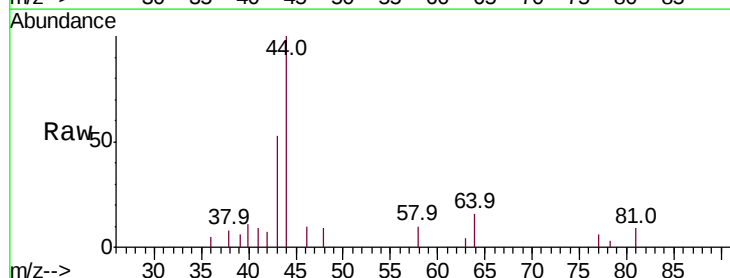
Acq: 16 Nov 2018 20:58

Tgt Ion: 43 Resp: 2529

Ion Ratio Lower Upper

43 100

58 16.3 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

2.25 2.30 2.35 2.40

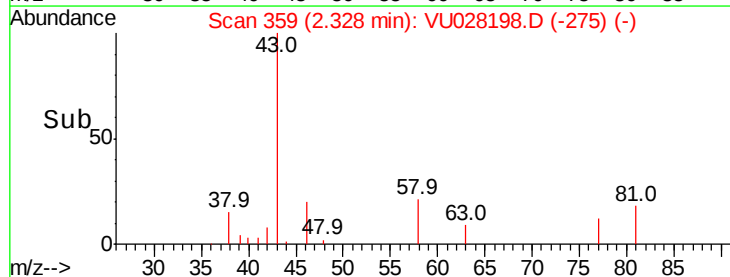
1500

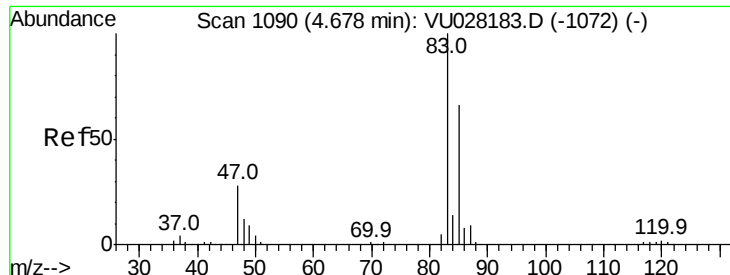
1000

500

0

Time-->

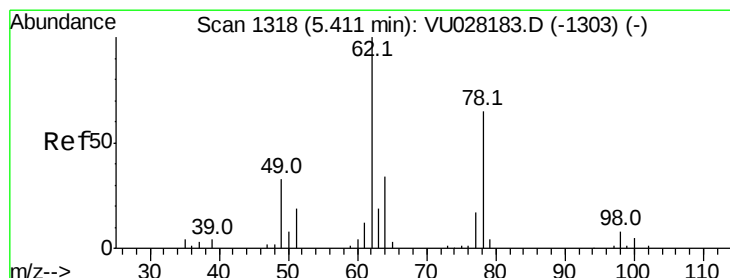
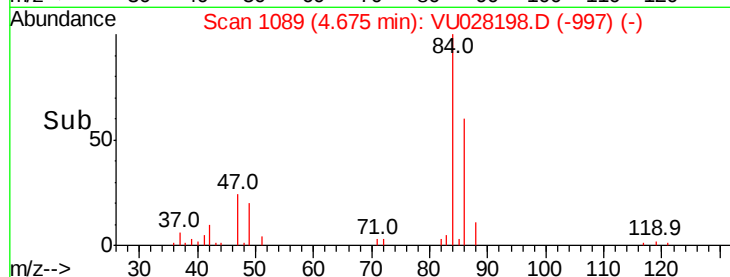
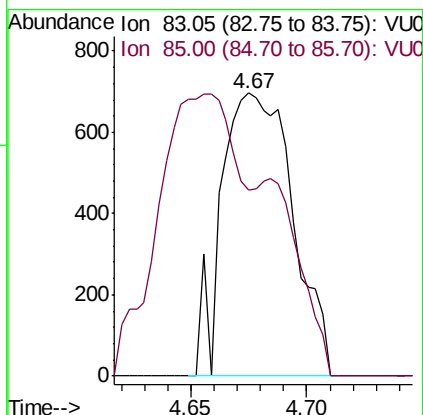
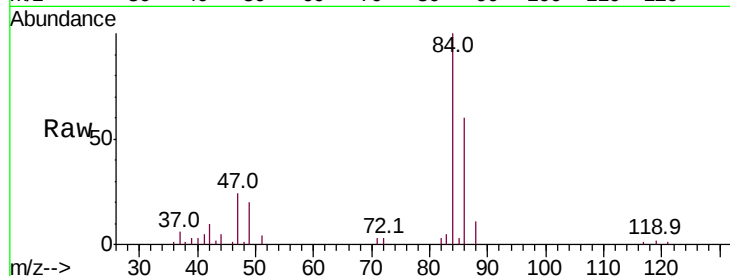




#25
Chloroform
Concen: 0.071 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028198.D
Acq: 16 Nov 2018 20:58

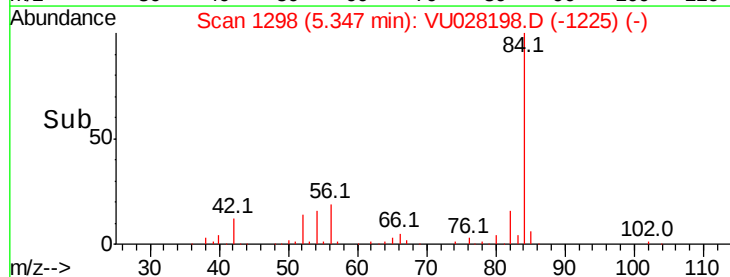
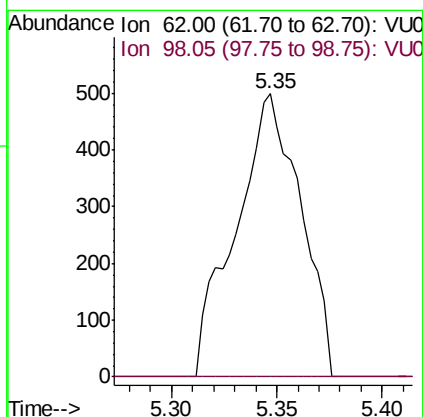
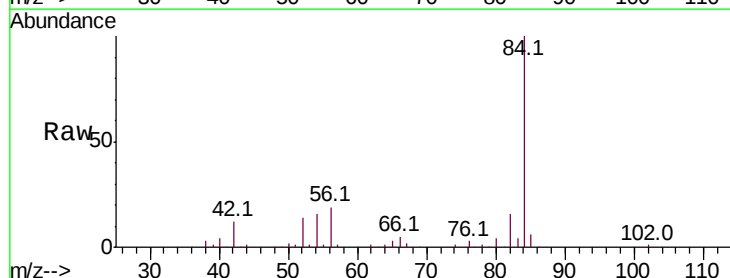
Instrument :
MSVOA_U
ClientSampled :

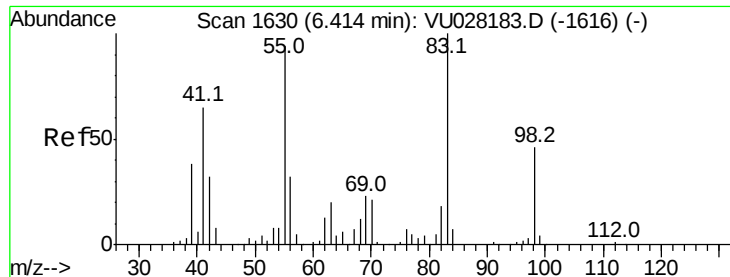
Tot Ion: 83 Resp: 1486
Ion Ratio Lower Upper
83 100
85 65.6 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.35 min Scan# 1298
Delta R.T. -0.06 min
Lab File: VU028198.D
Acq: 16 Nov 2018 20:58

Tgt Ion: 62 Resp: 1067
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#

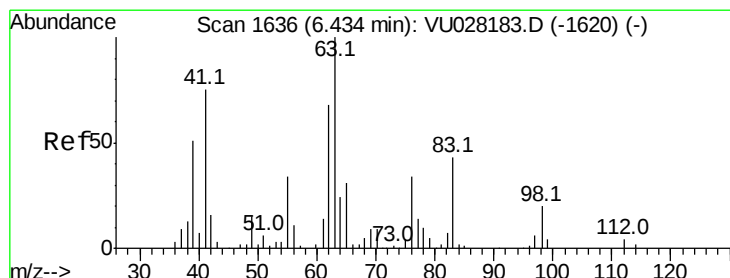
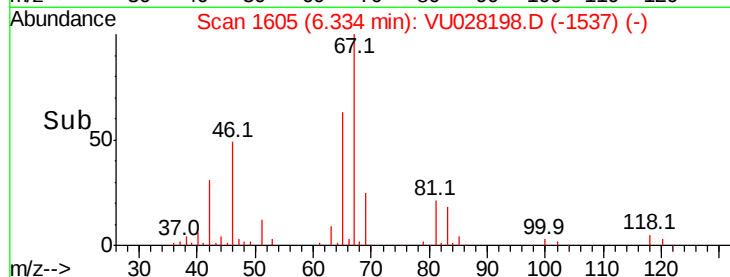
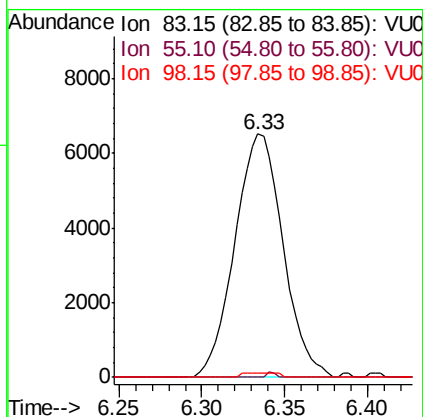
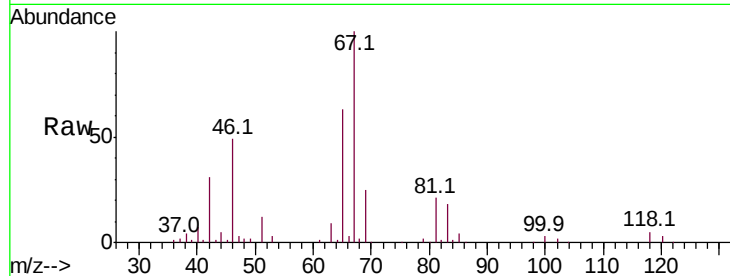




#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028198.D
Acq: 16 Nov 2018 20:58

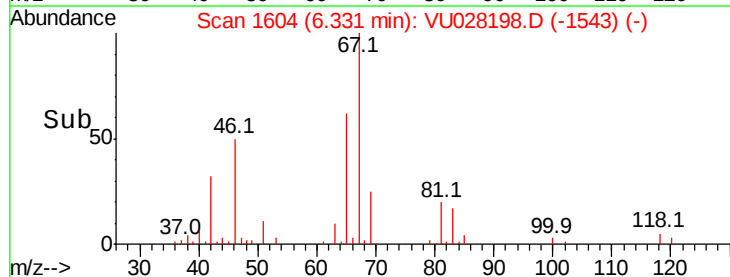
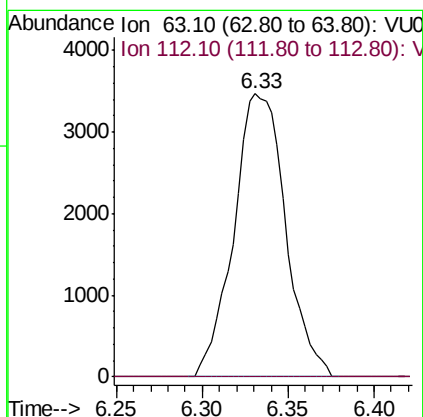
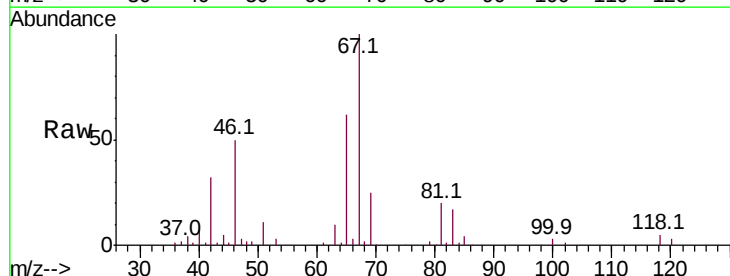
Instrument :
MSVOA_U
ClientSampleId :

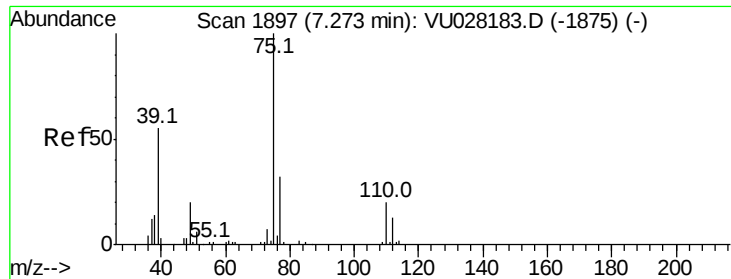
Tot Ion: 83 Resp: 13167
Ion Ratio Lower Upper
83 100
55 0.4 69.0 103.4#
98 0.7 33.3 49.9#



#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028198.D
Acq: 16 Nov 2018 20:58

Tgt Ion: 63 Resp: 7249
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



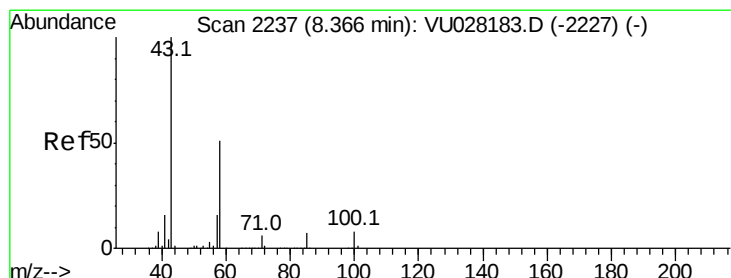
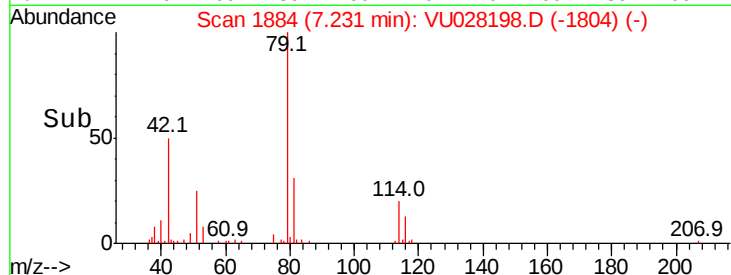
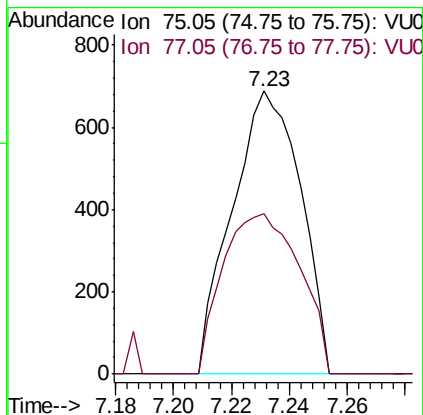
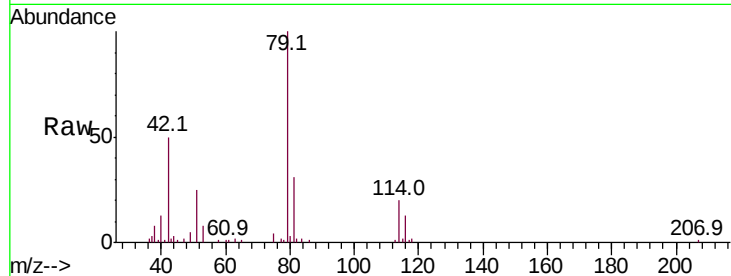


#39

cis-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028198.D
 Acq: 16 Nov 2018 20:58

Instrument :
 MSVOA_U
 ClientSampleId :

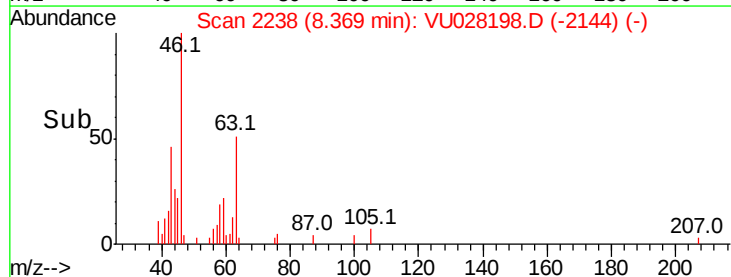
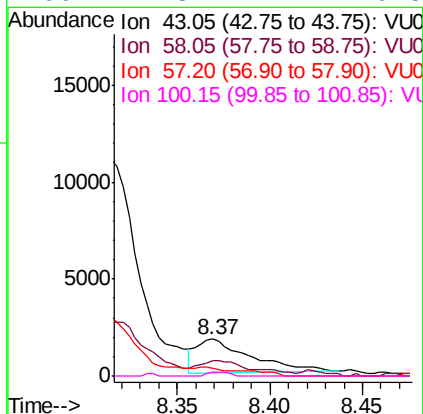
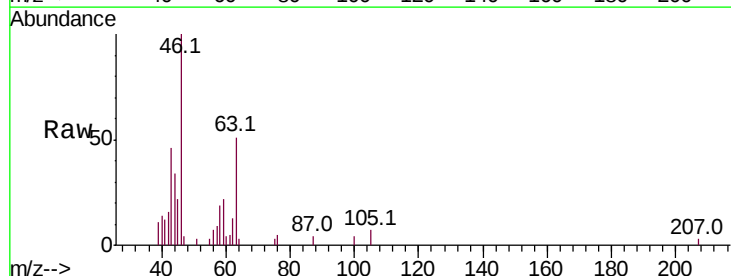
Tot Ion: 75 Resp: 1128
 Ion Ratio Lower Upper
 75 100
 77 56.5 20.9 38.9#

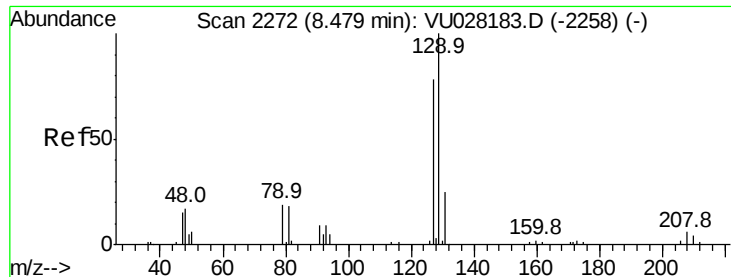


#48

2-Hexanone
 Concen: 0.510 ug/L
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU028198.D
 Acq: 16 Nov 2018 20:58

Tgt Ion: 43 Resp: 3569
 Ion Ratio Lower Upper
 43 100
 58 19.4 41.7 62.5#
 57 0.0 14.0 21.0#
 100 4.8 7.2 10.8#





#49

Dibromochloromethane

Concen: 0.044 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU028198.D

Acq: 16 Nov 2018 20:58

Instrument :

MSVOA_U

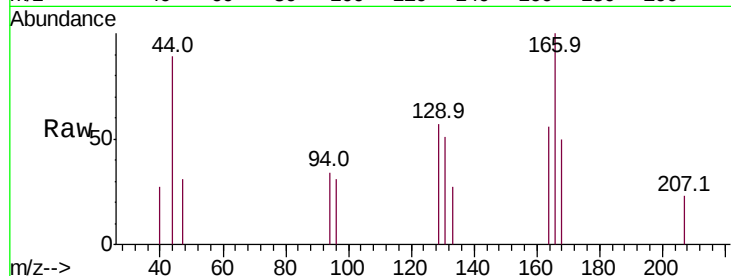
ClientSampled :

Tot Ion:129 Resp: 405

Ion Ratio Lower Upper

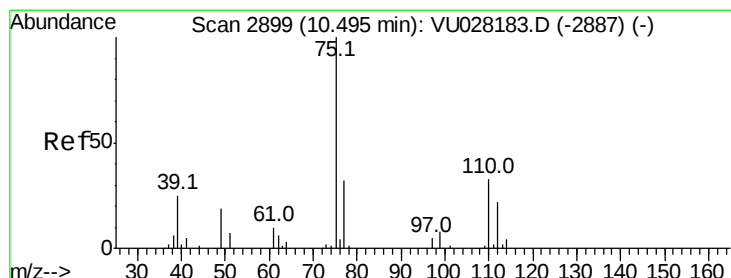
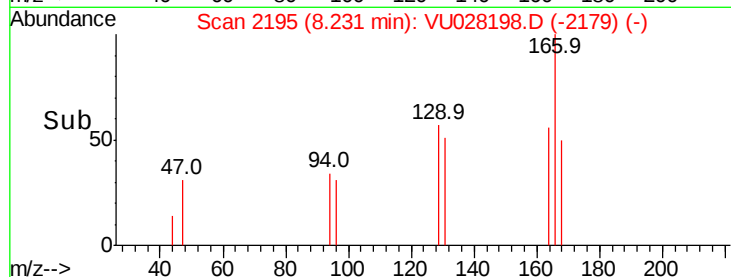
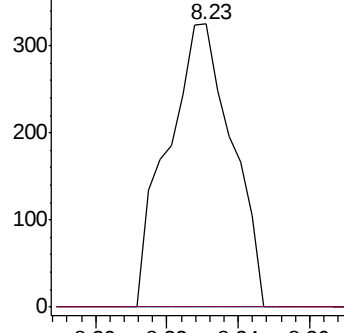
129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.255 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028198.D

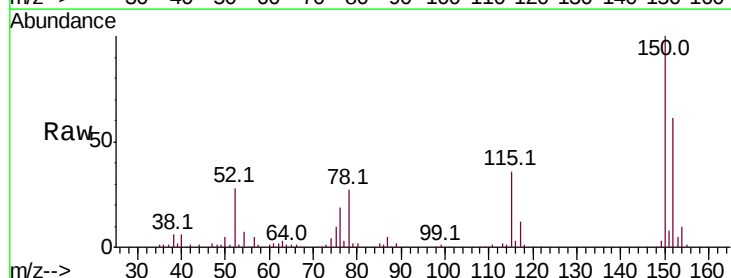
Acq: 16 Nov 2018 20:58

Tgt Ion: 75 Resp: 10079

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

