

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111618\
 Data File : VU028197.D
 Acq On : 16 Nov 2018 20:34
 Operator : MD/SY
 Sample : J5946-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:04:00 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	162294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47150	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	43270	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.28	63	71548	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.19	46	212427	54.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.76%
24) Chloroform-d	4.65	84	96149	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	57319	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	187855	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	73428	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.57	98	159474	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.85	79	20294	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.31	63	148525	45.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55250	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	57340	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

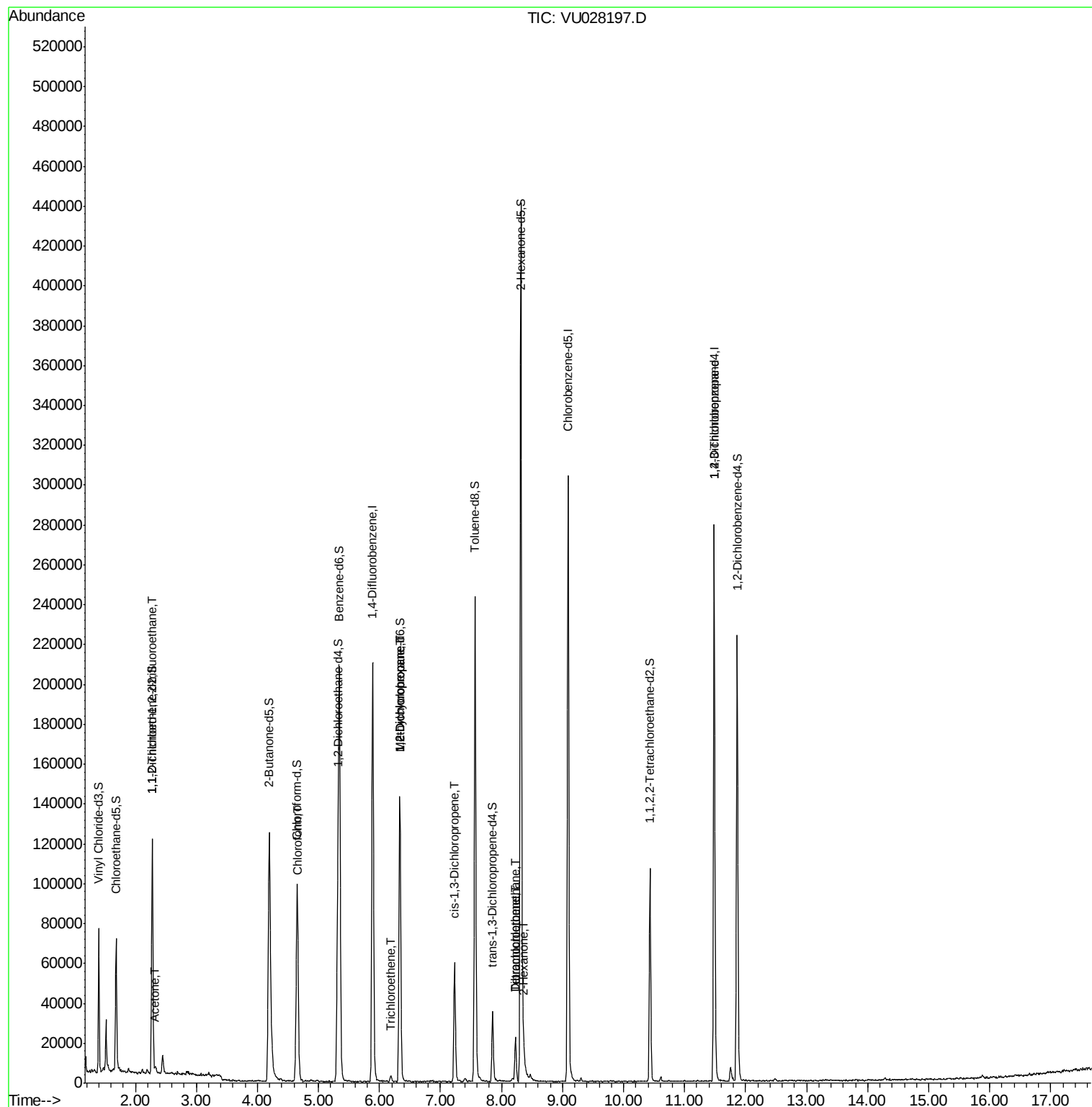
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	614	0.058	ug/L #	20
13) Acetone	2.32	43	3016	1.146	ug/L	87
25) Chloroform	4.67	83	2221	0.103	ug/L	89
34) Trichloroethene	6.19	95	910	0.070	ug/L	90
35) Methylcyclohexane	6.33	83	14217	0.634	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7650	0.524	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1345	0.068	ug/L #	56
47) Tetrachloroethene	8.23	164	4954	0.467	ug/L	90
48) 2-Hexanone	8.37	43	3213	0.450	ug/L #	87
49) Dibromochloromethane	8.22	129	4833	0.516	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10147	1.239	ug/L	94

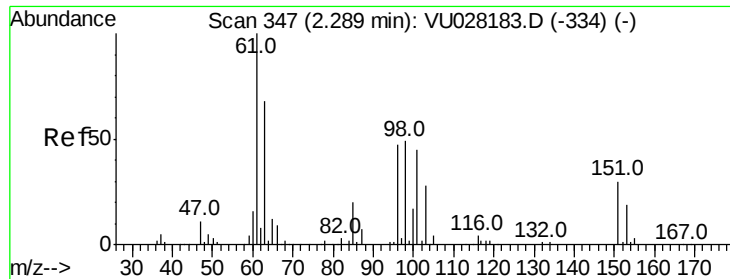
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.058 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028197.D

Acq: 16 Nov 2018 20:34

Instrument :

MSVOA_U

ClientSampled :

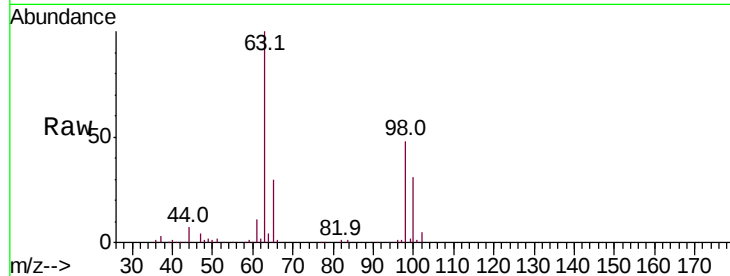
Tot Ion:101 Resp: 614

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

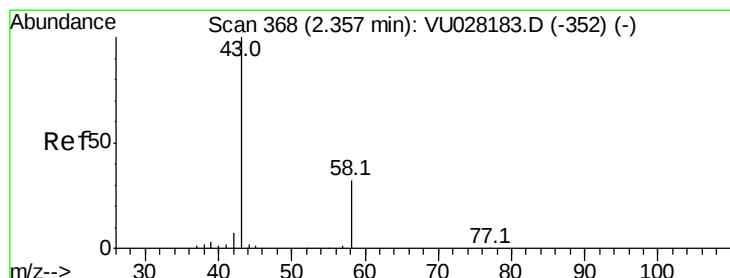
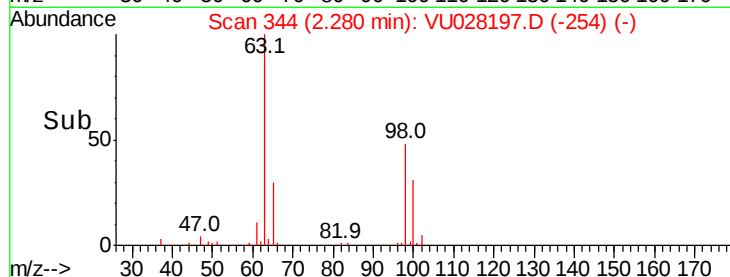
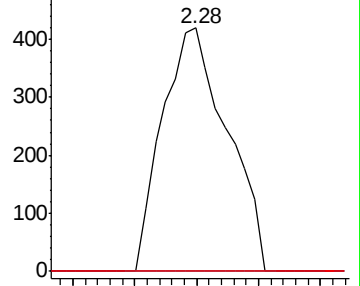
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 1.146 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028197.D

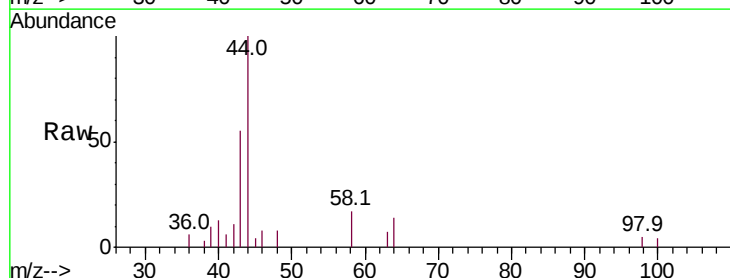
Acq: 16 Nov 2018 20:34

Tgt Ion: 43 Resp: 3016

Ion Ratio Lower Upper

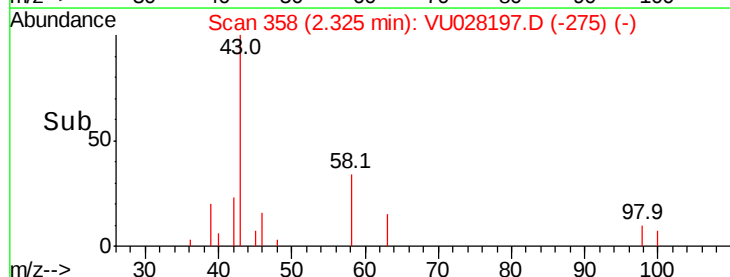
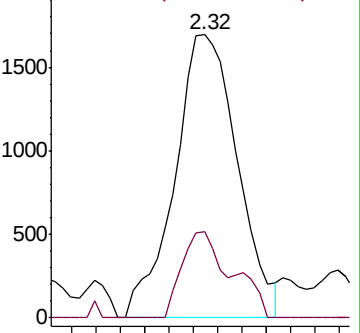
43 100

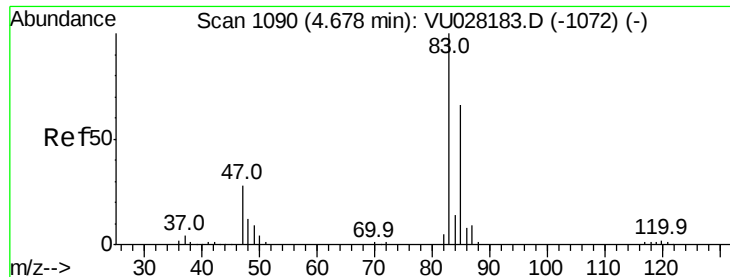
58 23.9 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

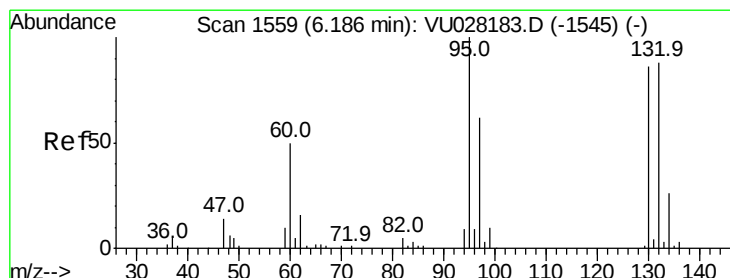
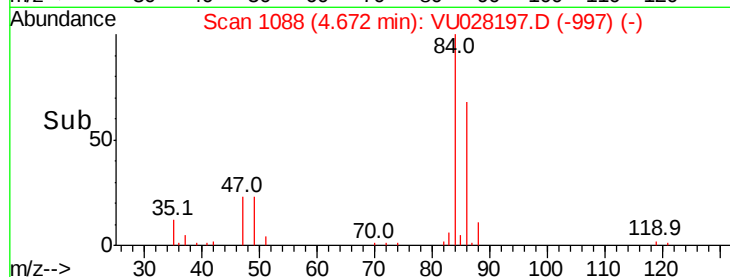
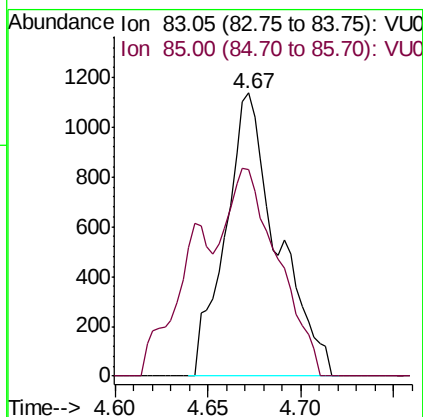
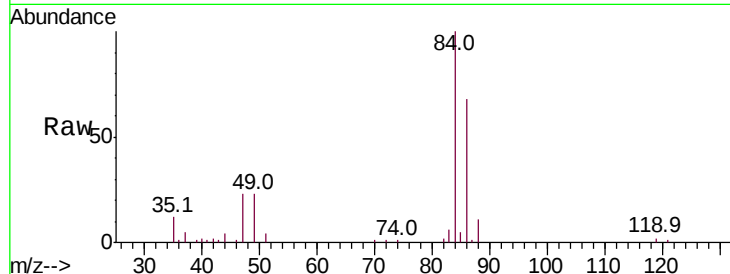




#25
Chloroform
Concen: 0.103 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

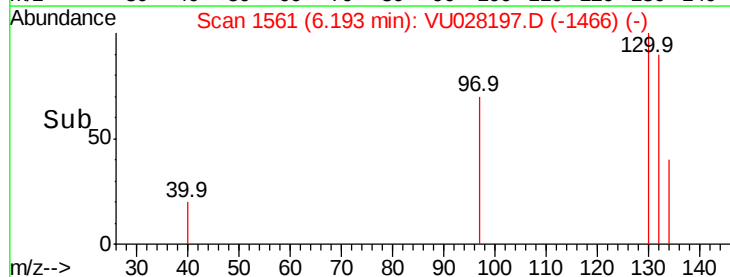
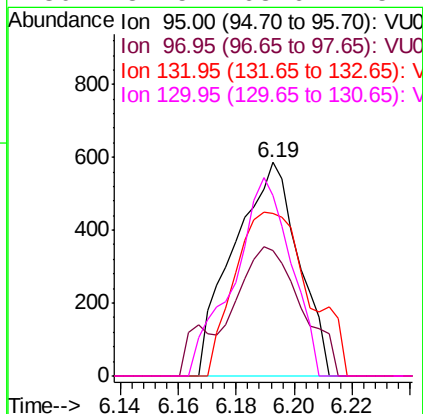
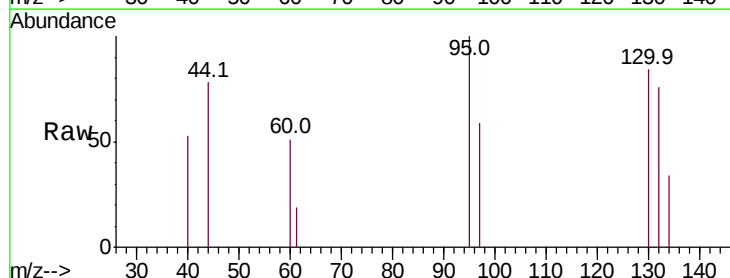
Instrument :
MSVOA_U
ClientSampleId :

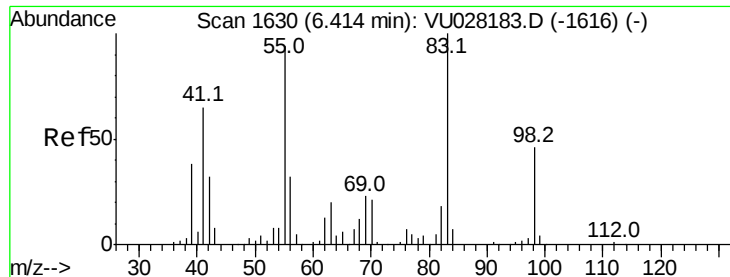
Tot Ion: 83 Resp: 2221
Ion Ratio Lower Upper
83 100
85 72.8 45.0 83.6



#34
Trichloroethene
Concen: 0.070 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

Tgt Ion: 95 Resp: 910
Ion Ratio Lower Upper
95 100
97 58.9 45.3 84.1
132 75.9 63.0 117.0
130 84.5 63.6 118.2

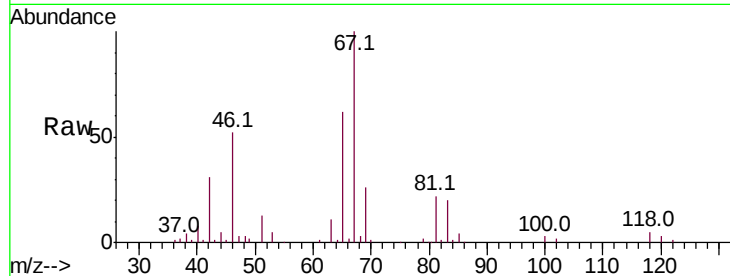




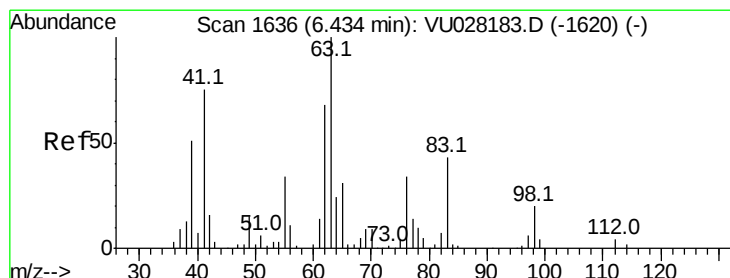
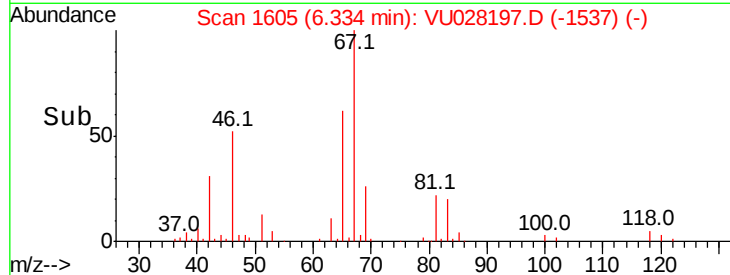
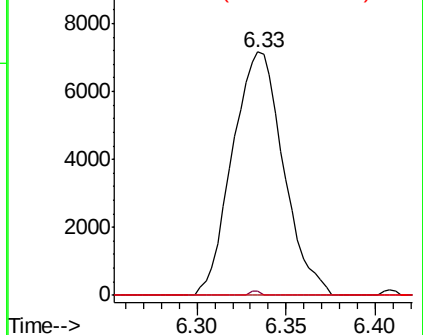
#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 14217
Ion Ratio Lower Upper
83 100
55 0.3 69.0 103.4#
98 1.4 33.3 49.9#

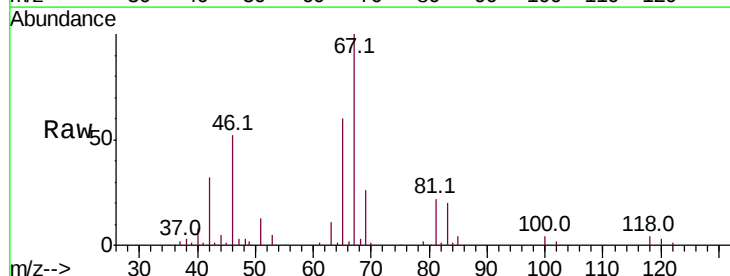


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

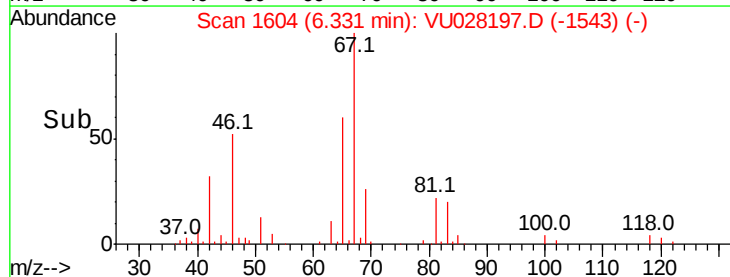
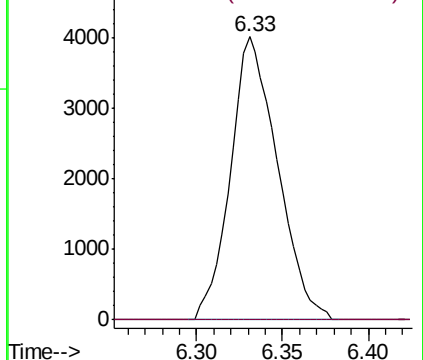


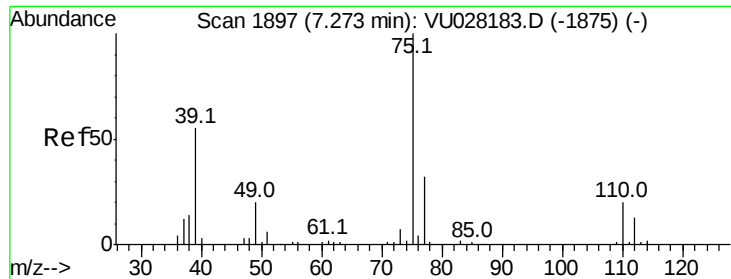
#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

Tgt Ion: 63 Resp: 7650
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

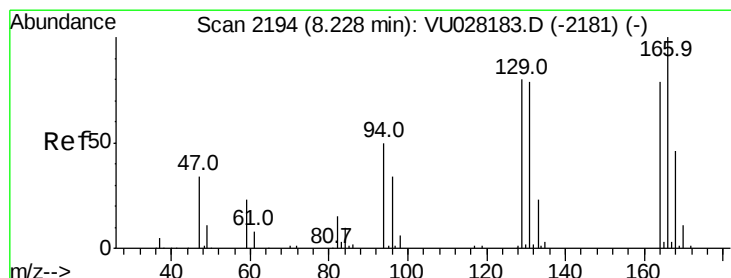
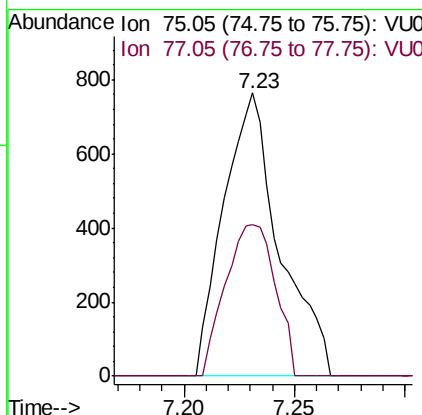
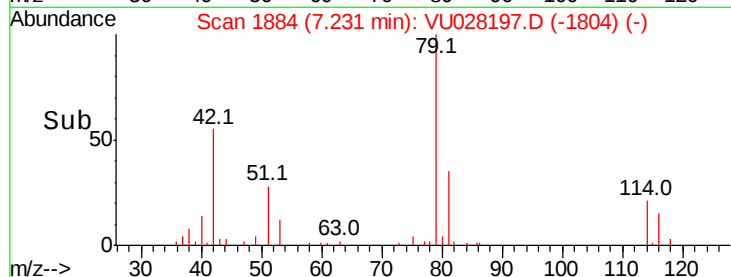
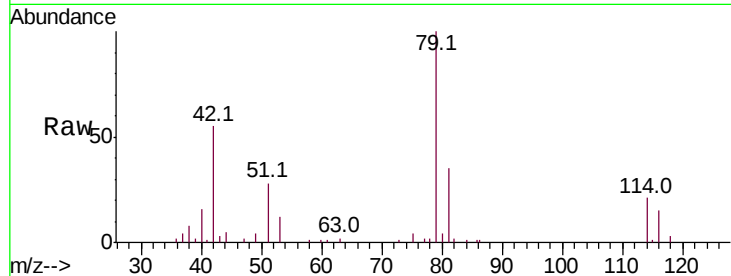




#39
 cis-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028197.D
 Acq: 16 Nov 2018 20:34

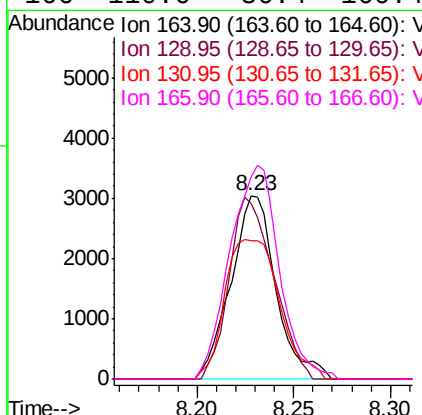
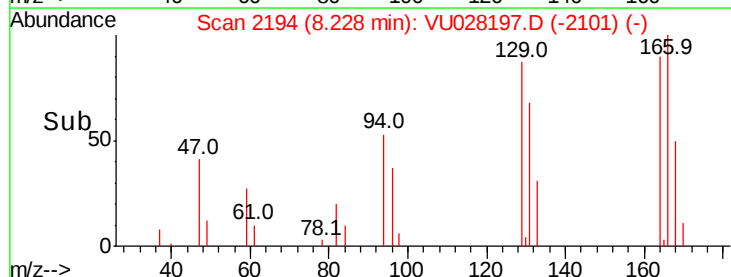
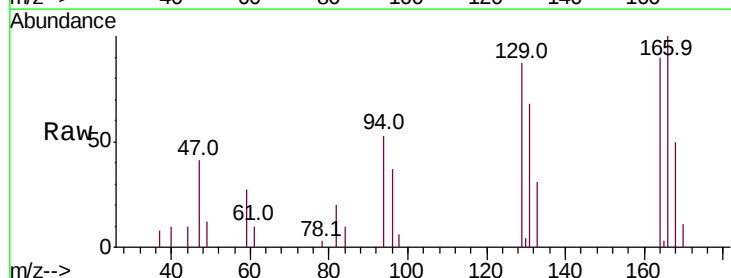
Instrument :
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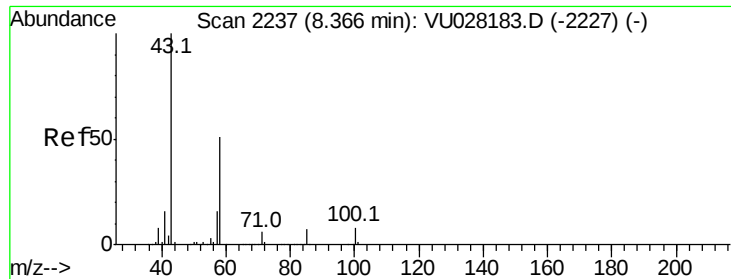
Tot Ion: 75 Resp: 1345
 Ion Ratio Lower Upper
 75 100
 77 53.7 20.9 38.9#



#47
 Tetrachloroethene
 Concen: 0.467 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU028197.D
 Acq: 16 Nov 2018 20:34

Tgt Ion: 164 Resp: 4954
 Ion Ratio Lower Upper
 164 100
 129 96.1 69.7 129.4
 131 75.7 64.0 118.8
 166 110.6 86.4 160.4

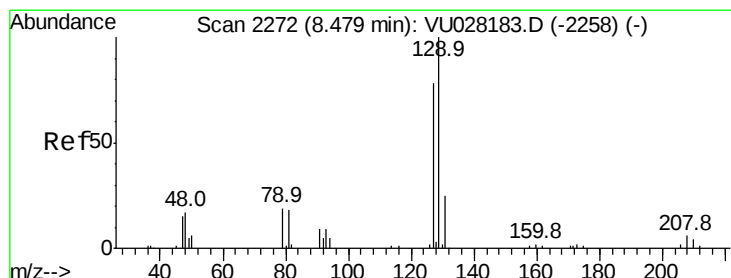
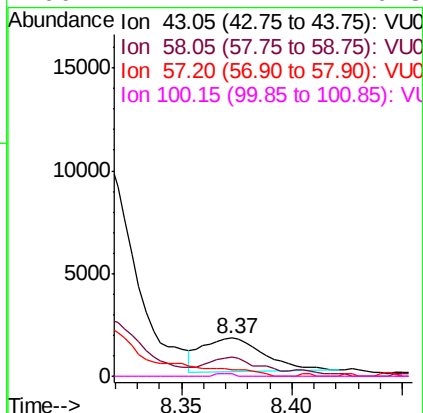
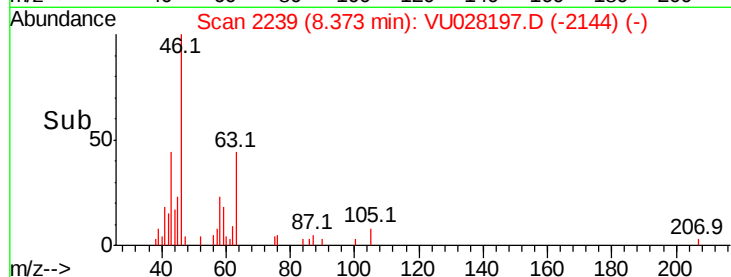
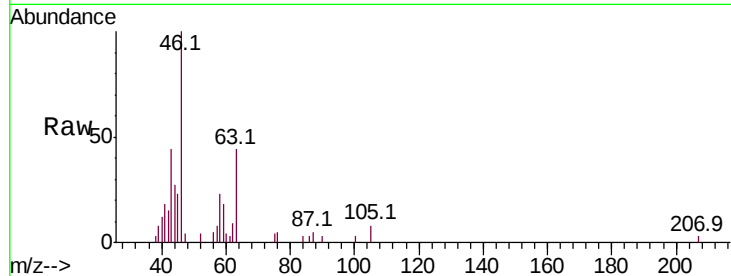




#48
2-Hexanone
Concen: 0.450 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

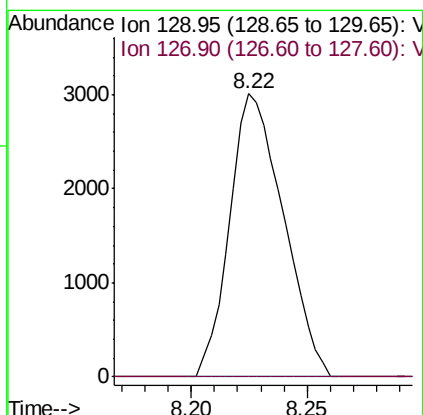
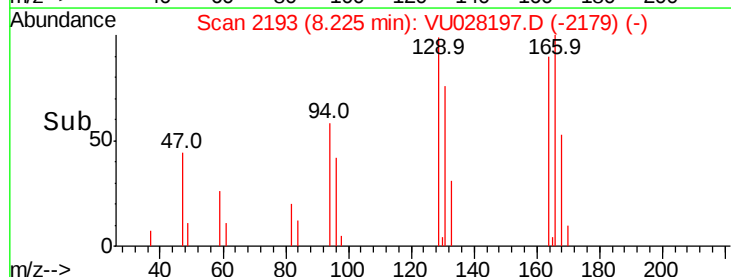
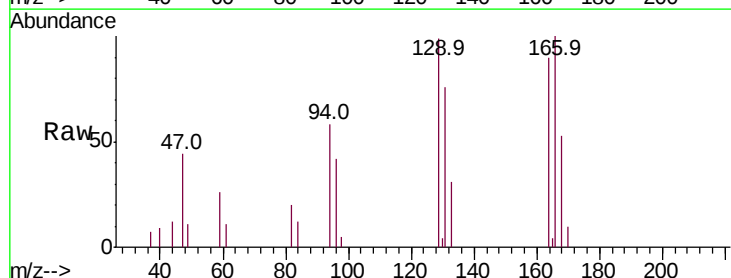
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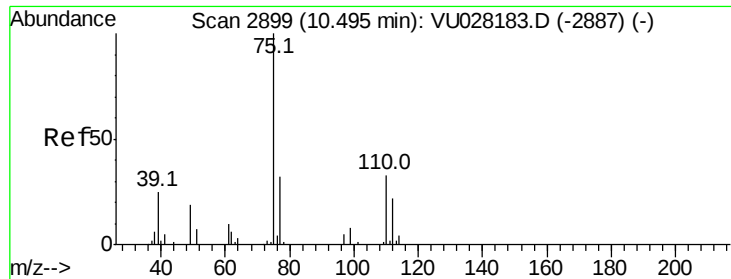
Tot Ion: 43 Resp: 3213
Ion Ratio Lower Upper
43 100
58 49.6 41.7 62.5
57 0.0 14.0 21.0#
100 2.1 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.516 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028197.D
Acq: 16 Nov 2018 20:34

Tgt Ion: 129 Resp: 4833
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.239 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028197.D

Acq: 16 Nov 2018 20:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10147

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.0

