

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028134.D
 Acq On : 14 Nov 2018 20:34
 Operator : MD/SY
 Sample : J5948-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C32

Quant Time: Nov 15 04:30:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	131588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49991	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	42056	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.28	63	71246	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.19	46	172751	54.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.65	84	85946	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	50245	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.34	84	178518	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.33	67	64737	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.57	98	154130	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	20429	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	133532	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46765	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	52759	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

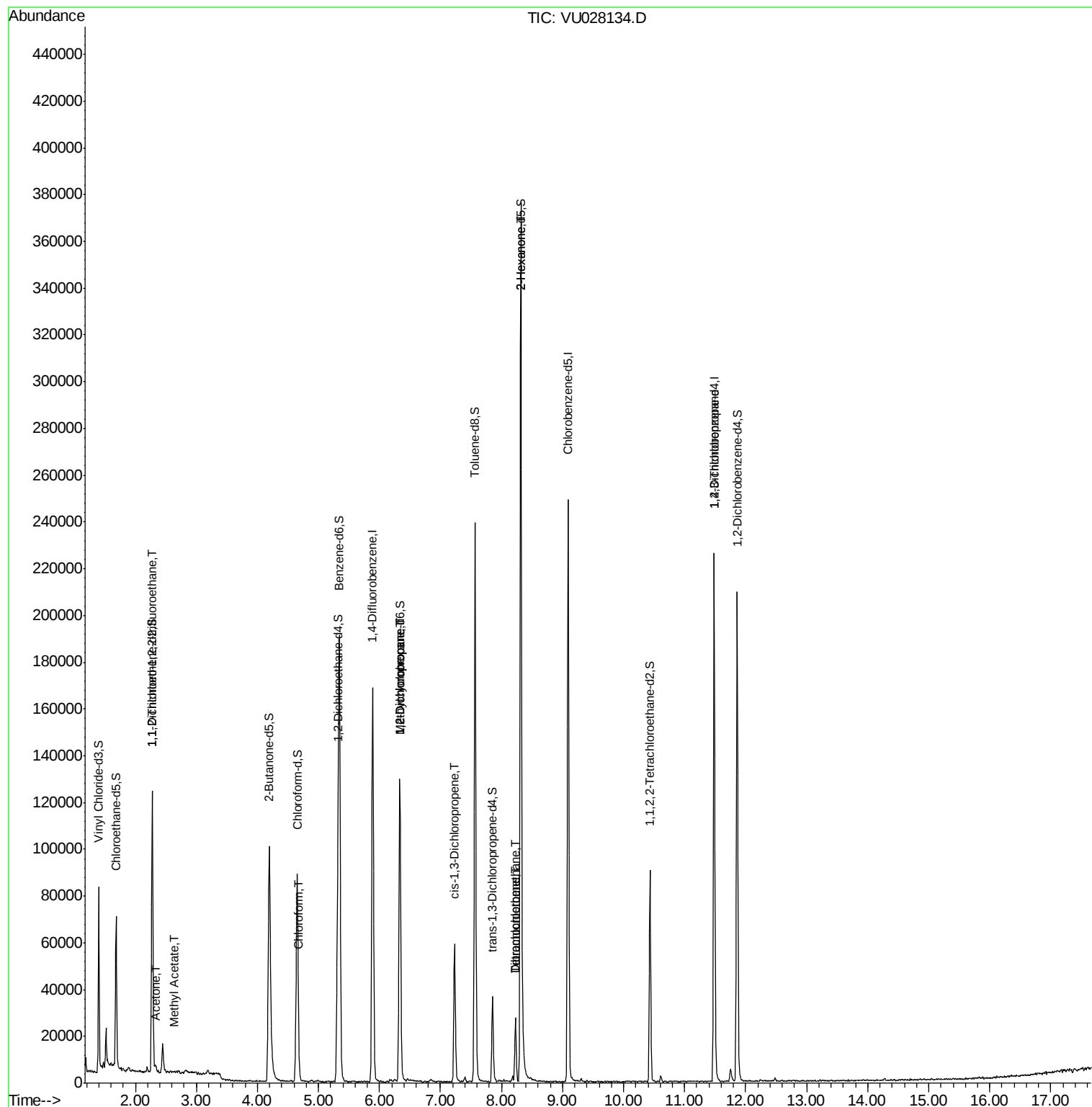
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	557	0.065	ug/L #	20
13) Acetone	2.33	43	2575	1.207	ug/L	83
15) Methyl Acetate	2.62	43	742	0.130	ug/L #	58
25) Chloroform	4.68	83	1242	0.071	ug/L	89
35) Methylcyclohexane	6.33	83	13226	0.724	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6456	0.543	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1226	0.076	ug/L #	58
47) Tetrachloroethene	8.23	164	5482	0.634	ug/L	94
48) 2-Hexanone	8.31	43	16248	2.787	ug/L #	67
49) Dibromochloromethane	8.23	129	5578	0.730	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8107	1.213	ug/L	96

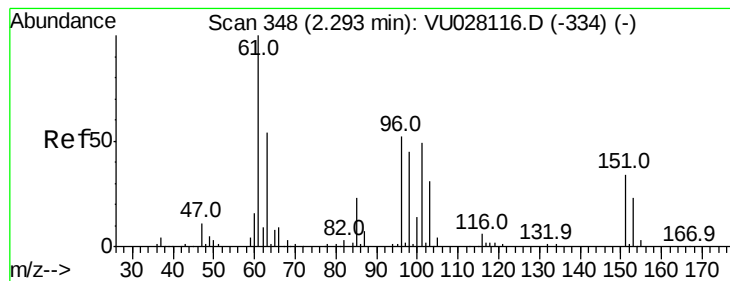
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.065 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028134.D

Acq: 14 Nov 2018 20:34

Instrument :

MSVOA_U

ClientSampled :

F9C32

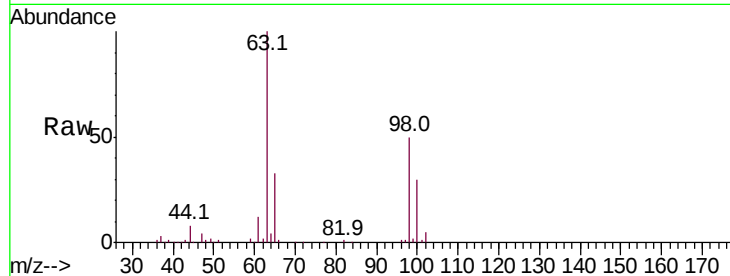
Tot Ion:101 Resp: 557

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

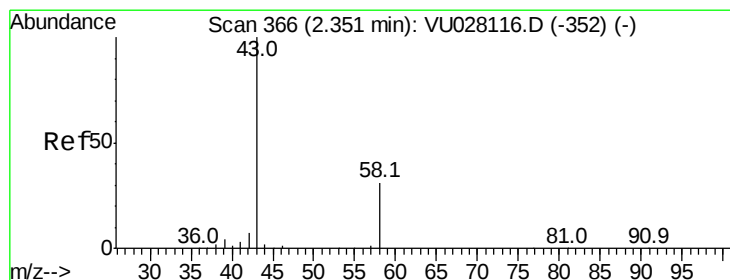
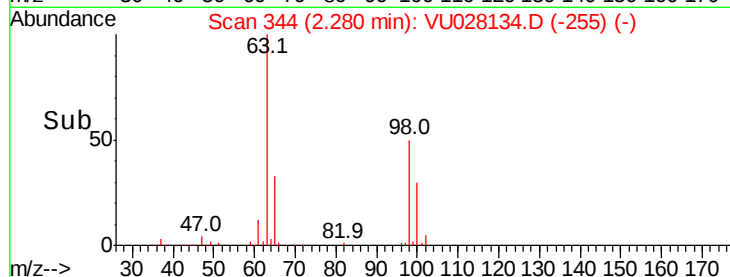
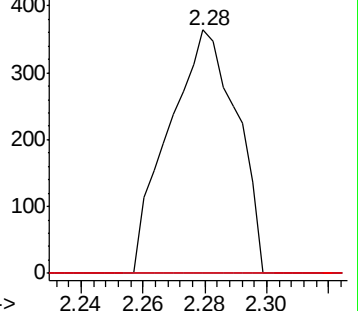
151 0.0 58.2 87.2#



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: 1.207 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.02 min

Lab File: VU028134.D

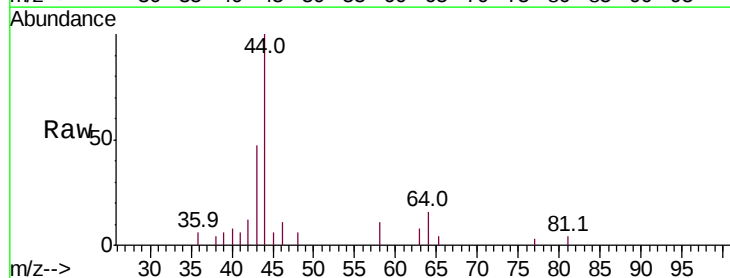
Acq: 14 Nov 2018 20:34

Tgt Ion: 43 Resp: 2575

Ion Ratio Lower Upper

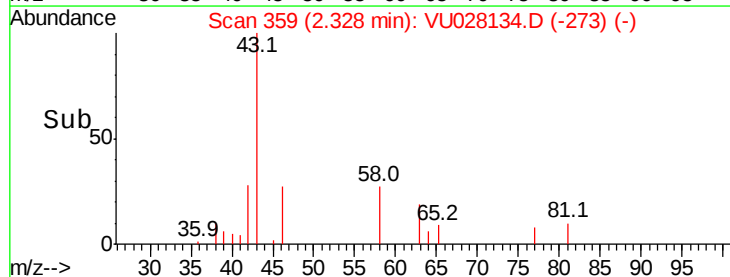
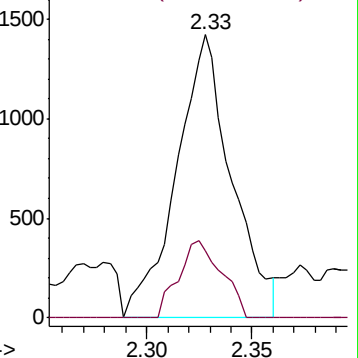
43 100

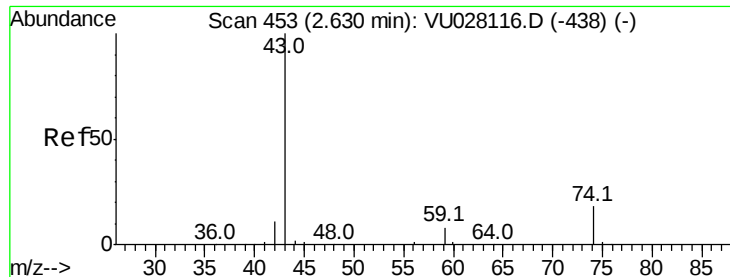
58 21.4 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

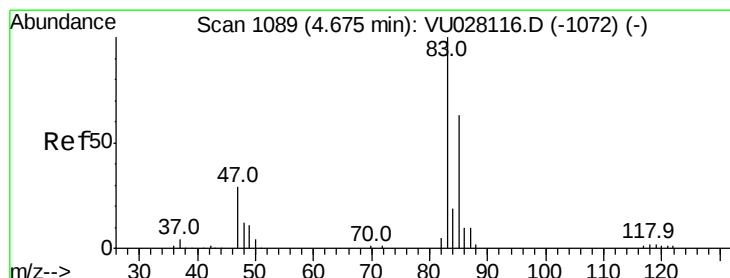
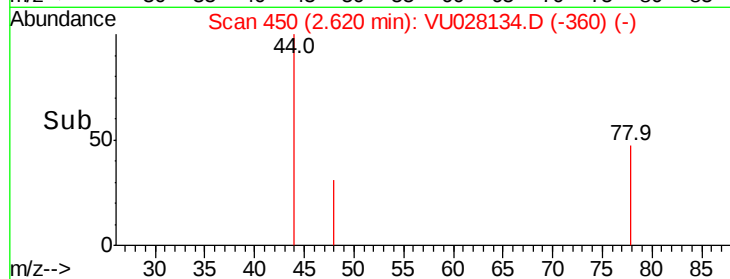
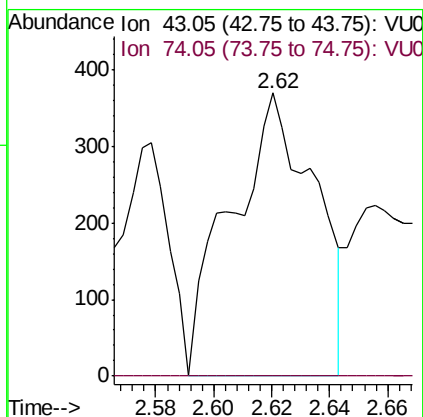
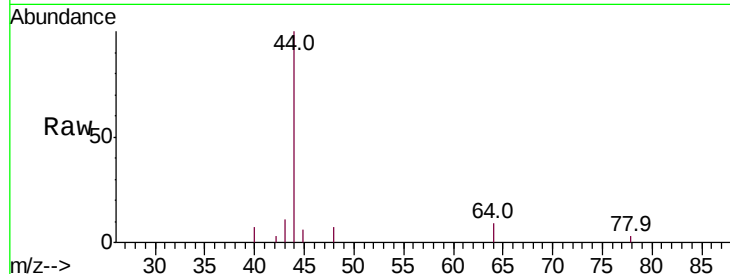




#15
Methvl Acetate
Concen: 0.130 ug/L
RT: 2.62 min Scan# 450
Delta R.T. -0.01 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

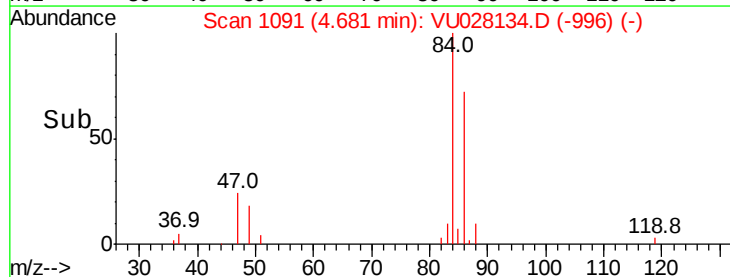
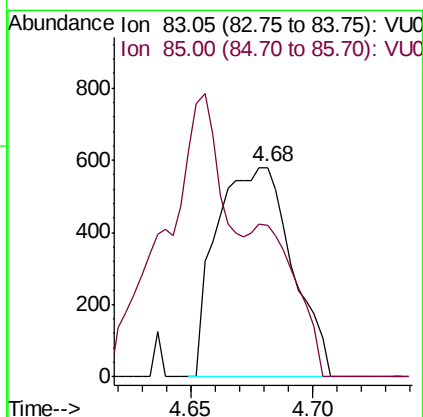
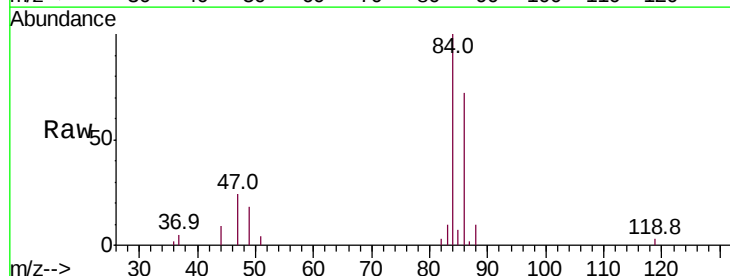
Instrument :
MSVOA_U
ClientSampleId :
F9C32

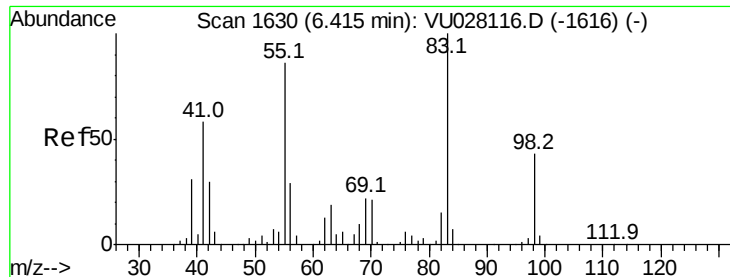
Tot Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
74 0.0 14.9 22.3#



#25
Chloroform
Concen: 0.071 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Tgt Ion: 83 Resp: 1242
Ion Ratio Lower Upper
83 100
85 72.6 45.0 83.6

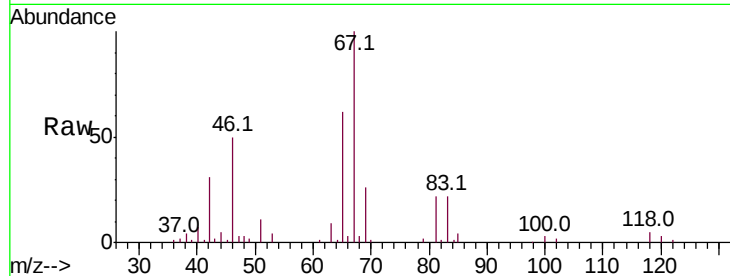




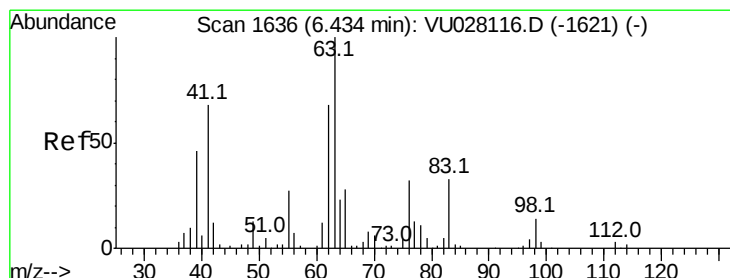
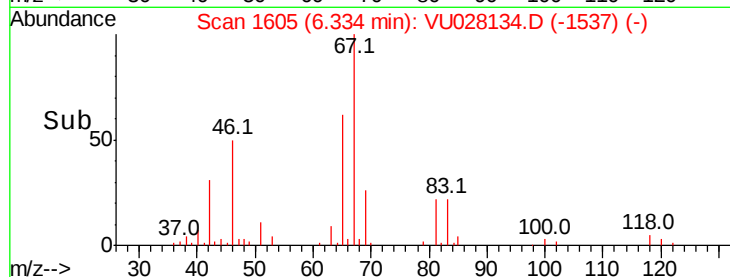
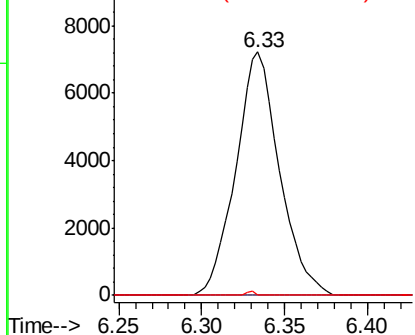
#35
Methvlcvclohexane
Concen: 0.724 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Instrument :
MSVOA_U
ClientSampleId :
F9C32

Tot Ion: 83 Resp: 13226
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.3 33.3 49.9#

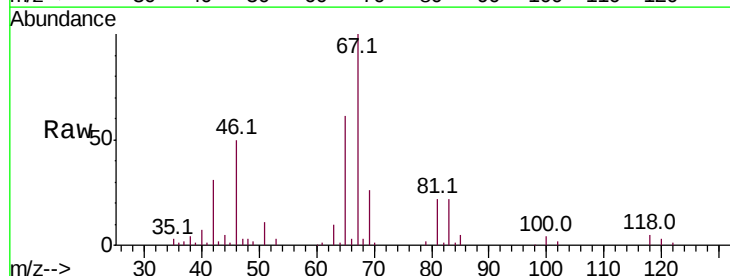


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

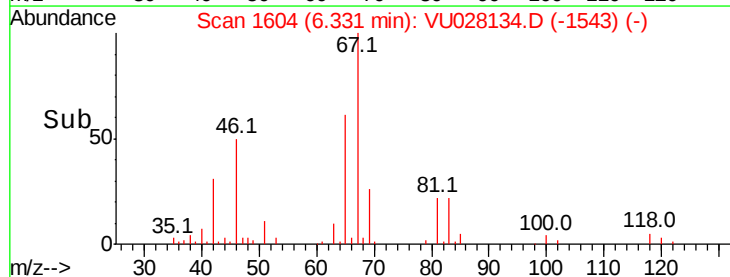
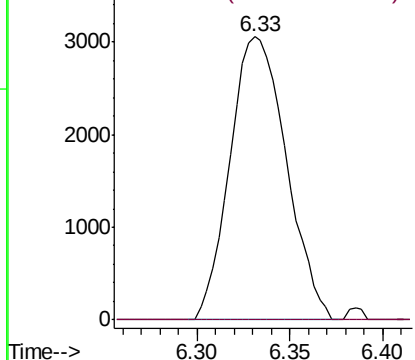


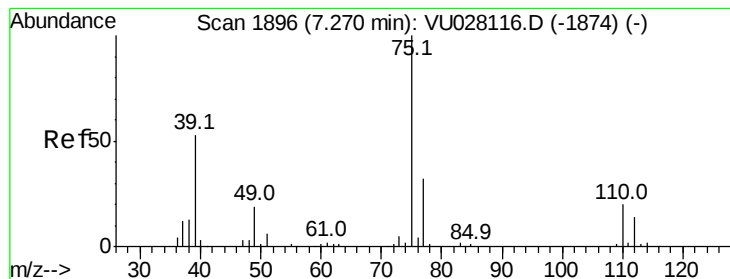
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Tgt Ion: 63 Resp: 6456
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



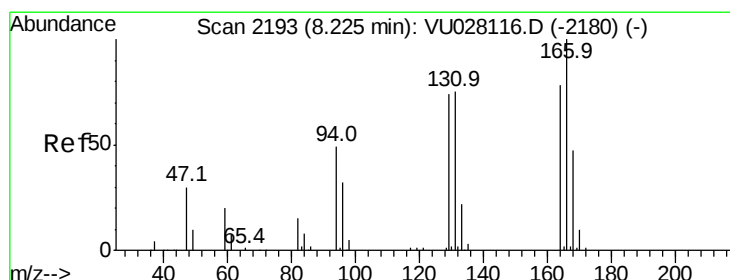
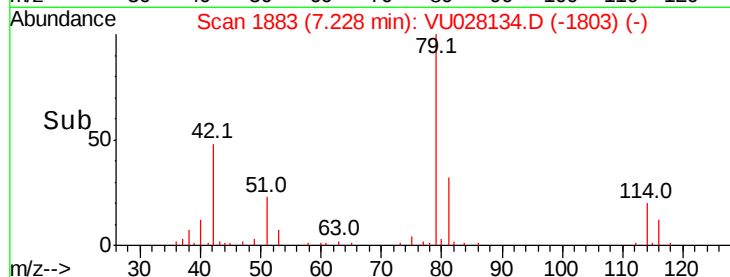
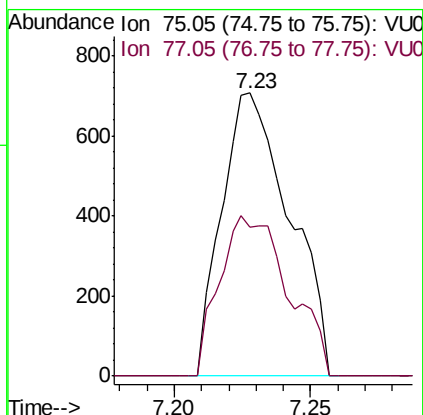
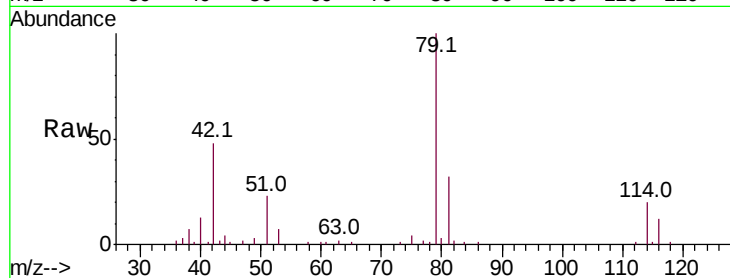


#39

cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Instrument :
MSVOA_U
ClientSampled :
F9C32

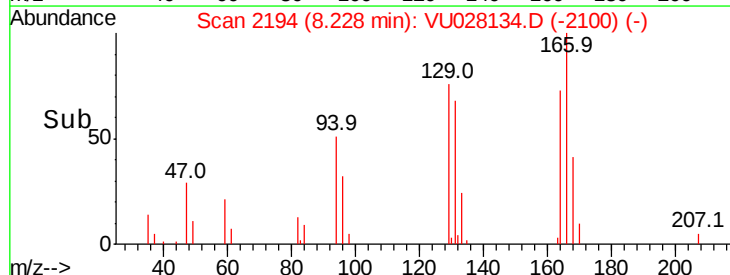
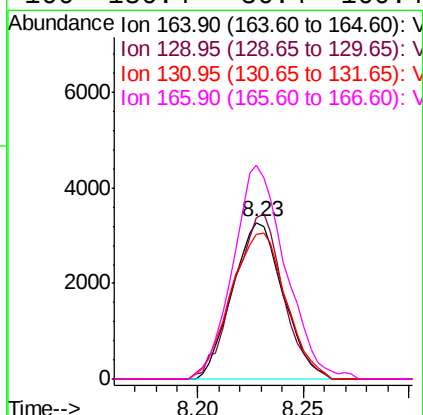
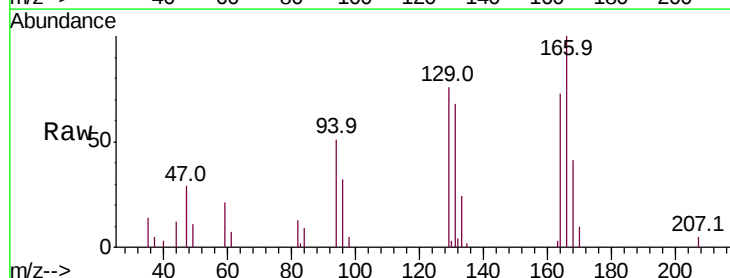
Tot Ion: 75 Resp: 1226
Ion Ratio Lower Upper
75 100
77 52.8 20.9 38.9#

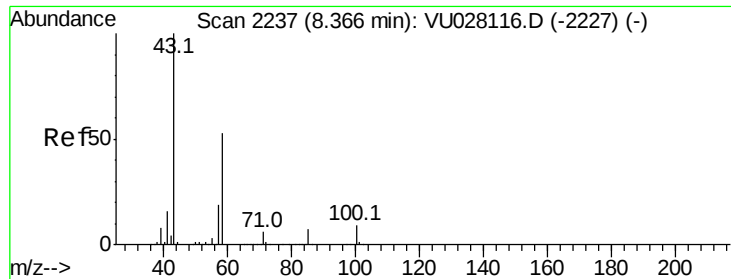


#47

Tetrachloroethene
Concen: 0.634 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Tgt Ion:164 Resp: 5482
Ion Ratio Lower Upper
164 100
129 103.1 69.7 129.4
131 92.3 64.0 118.8
166 136.4 86.4 160.4

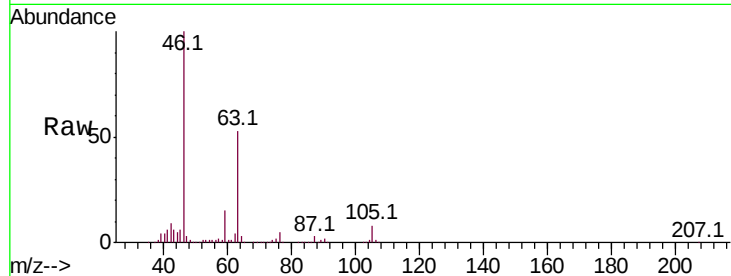




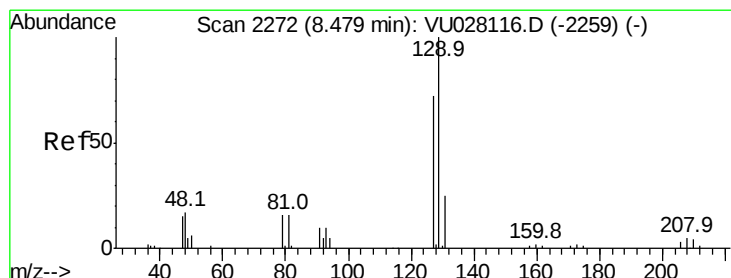
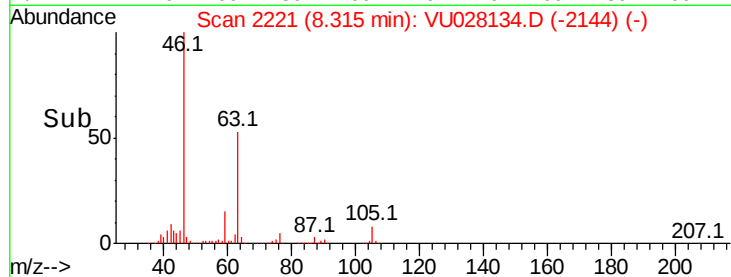
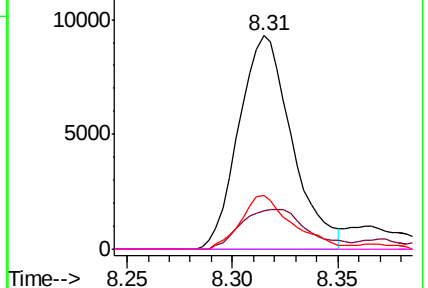
#48
2-Hexanone
Concen: 2.787 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Instrument :
MSVOA_U
ClientSampleId :
F9C32

Tot Ion: 43 Resp: 16248
Ion Ratio Lower Upper
43 100
58 23.6 41.7 62.5#
57 24.3 14.0 21.0#
100 0.0 7.2 10.8#

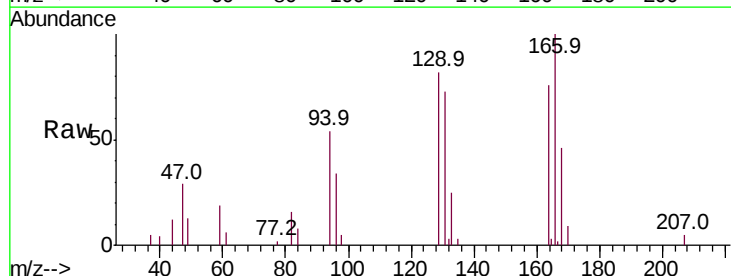


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

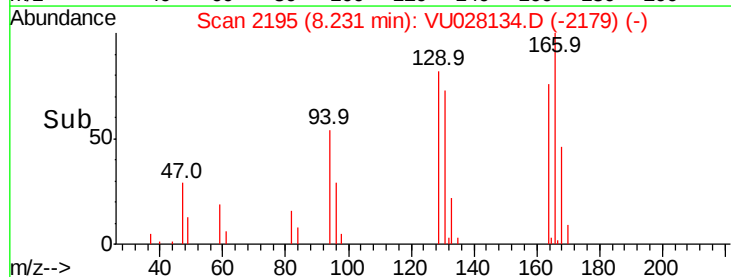
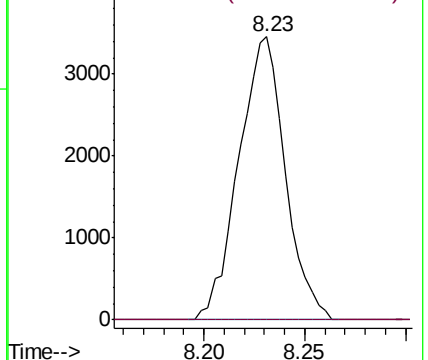


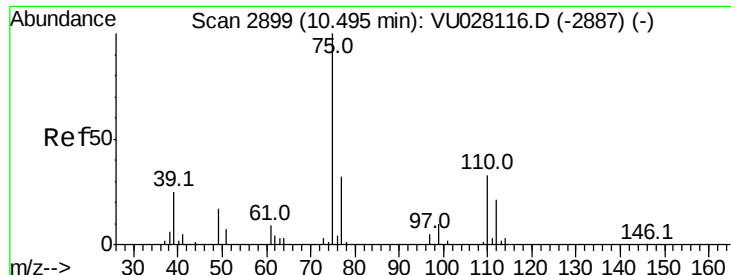
#49
Dibromochloromethane
Concen: 0.730 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028134.D
Acq: 14 Nov 2018 20:34

Tgt Ion: 129 Resp: 5578
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: 1.213 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028134.D

Acq: 14 Nov 2018 20:34

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 8107

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0

