

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028120.D
 Acq On : 14 Nov 2018 14:52
 Operator : MD/SY
 Sample : J5948-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C47

Quant Time: Nov 15 04:29:07 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	162327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59960	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	48193	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.28	63	84767	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.21	46	192851	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.65	84	97845	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	54871	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.34	84	207763	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	75967	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.57	98	183545	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	24869	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.31	63	151489	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51011	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	60070	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

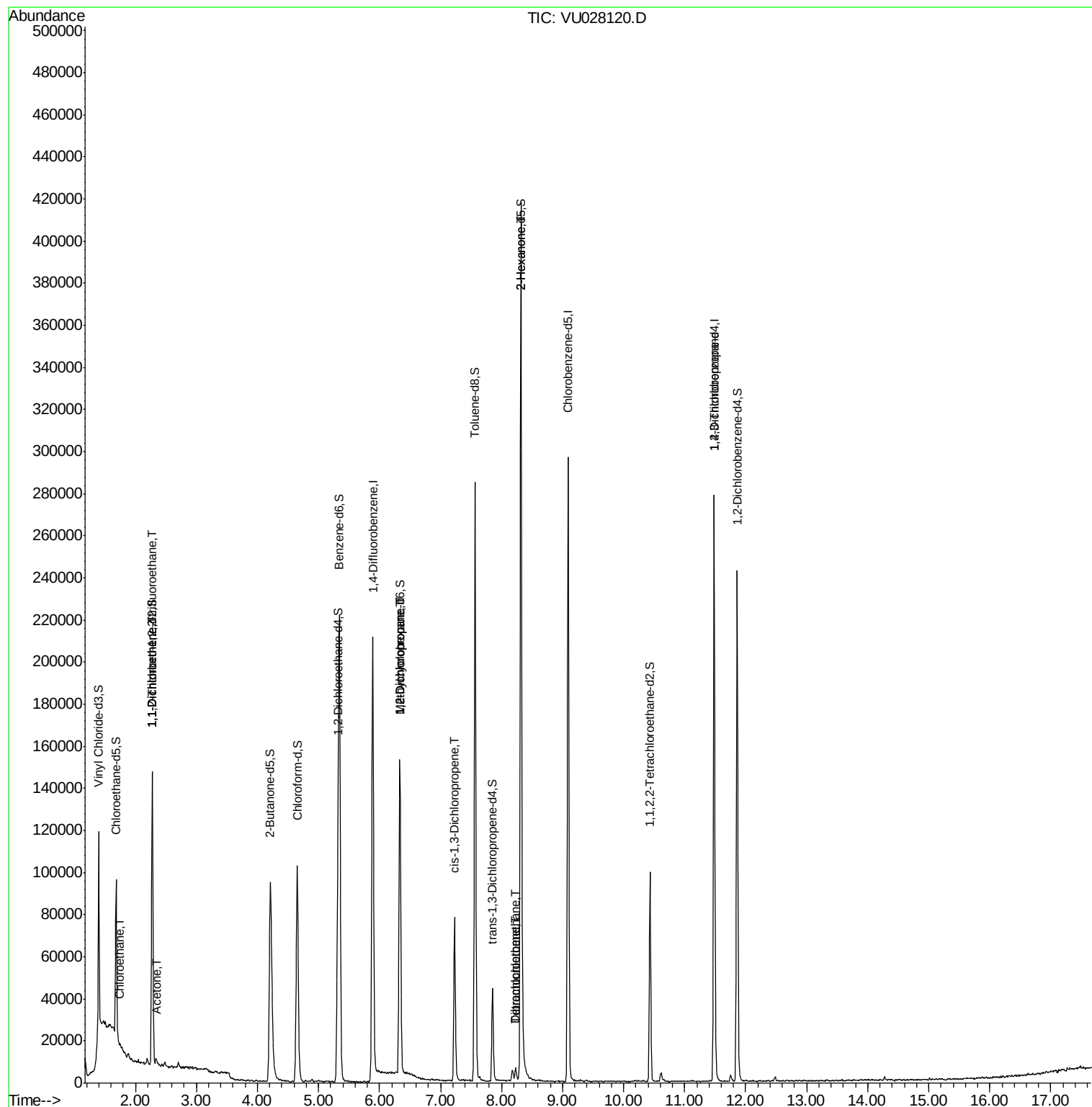
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.75	64	1151	0.110	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	685	0.064	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	655	0.061	ug/L #	1
13) Acetone	2.35	43	2011	0.764	ug/L	90
35) Methylcyclohexane	6.33	83	15148	0.694	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7748	0.545	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1714	0.089	ug/L #	64
47) Tetrachloroethene	8.23	164	1308	0.127	ug/L #	76
48) 2-Hexanone	8.32	43	17703	2.543	ug/L #	66
49) Dibromochloromethane	8.23	129	1034	0.113	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10082	1.263	ug/L	96

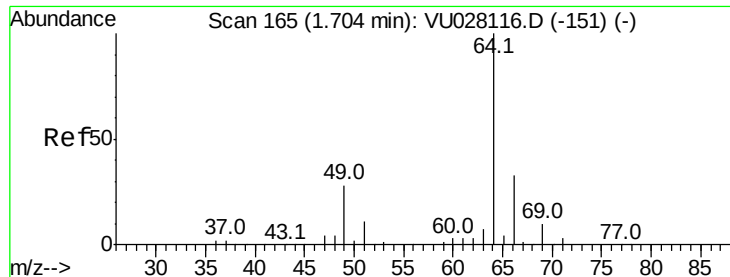
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.75 min Scan# 178

Delta R.T. 0.04 min

Lab File: VU028120.D

Acq: 14 Nov 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

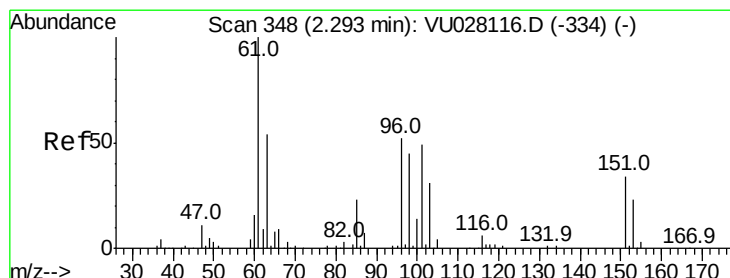
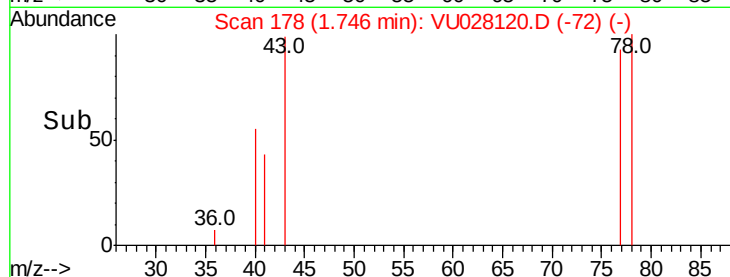
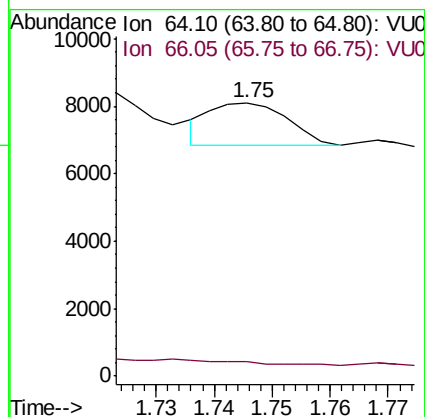
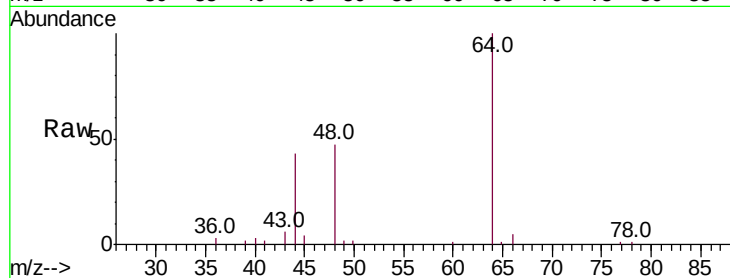
F9C47

Tot Ion: 64 Resp: 1151

Ion Ratio Lower Upper

64 100

66 5.3 23.1 42.9#



#10

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

Concen: 0.064 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028120.D

Acq: 14 Nov 2018 14:52

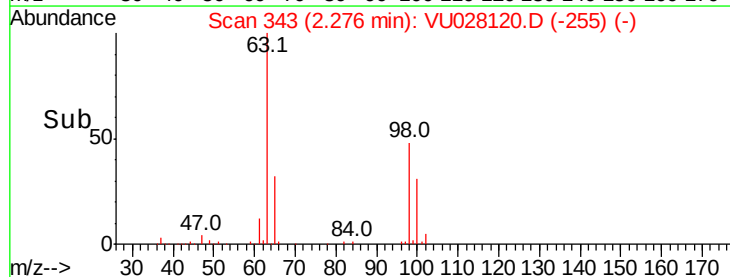
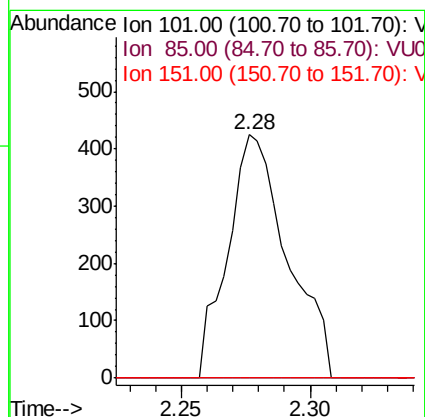
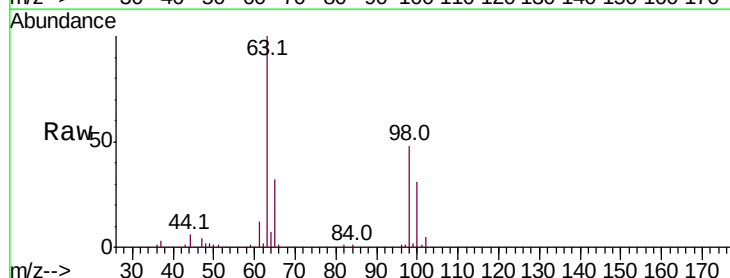
Tgt Ion: 101 Resp: 685

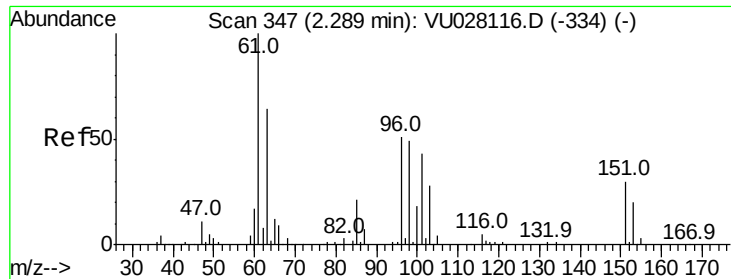
Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028120.D

Acq: 14 Nov 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

F9C47

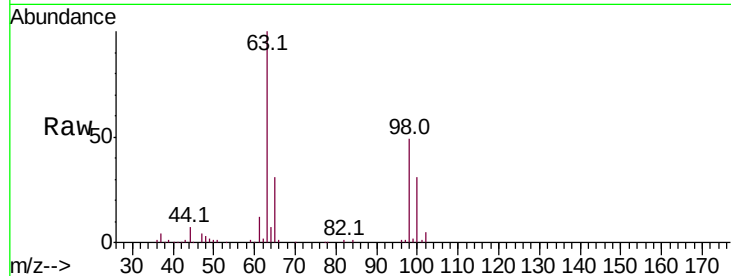
Tot Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 1163.2 134.8 250.3#

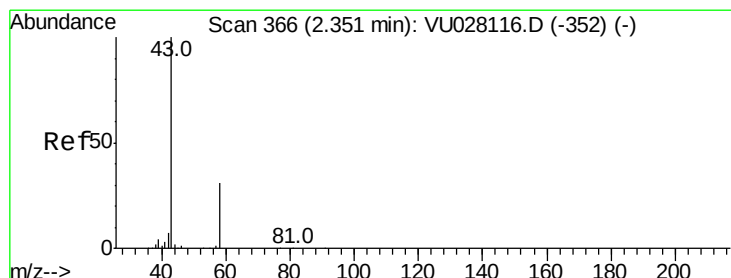
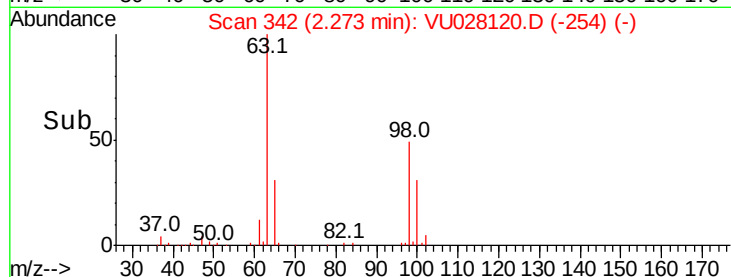
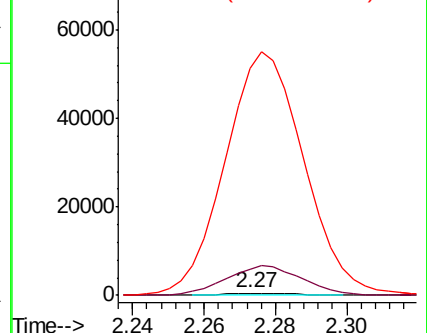
63 9970.5 100.1 185.9#



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



#13

Acetone

Concen: 0.764 ug/L

RT: 2.35 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU028120.D

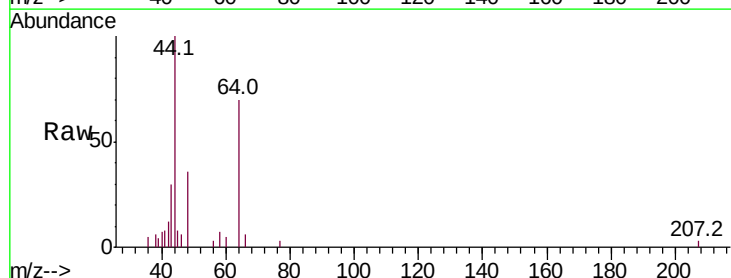
Acq: 14 Nov 2018 14:52

Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

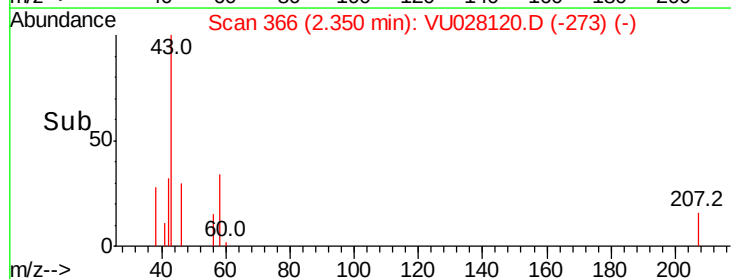
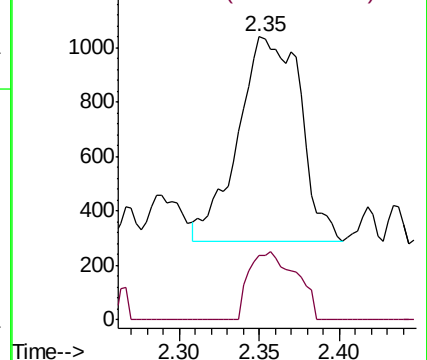
43 100

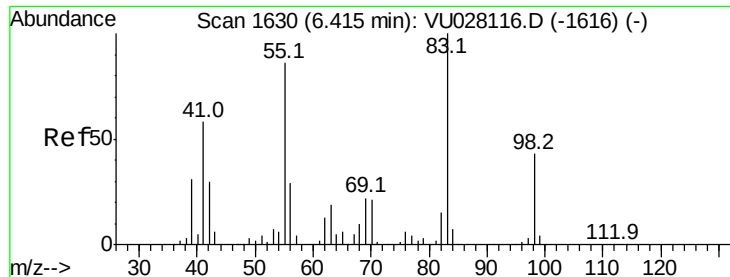
58 25.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

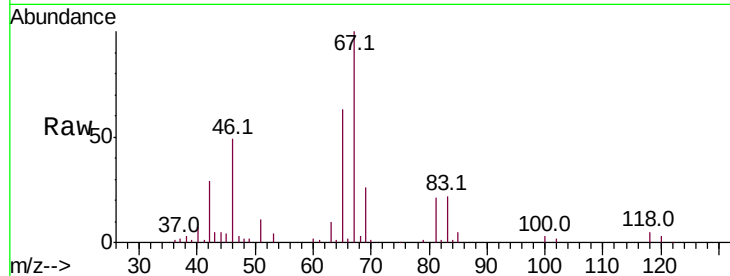




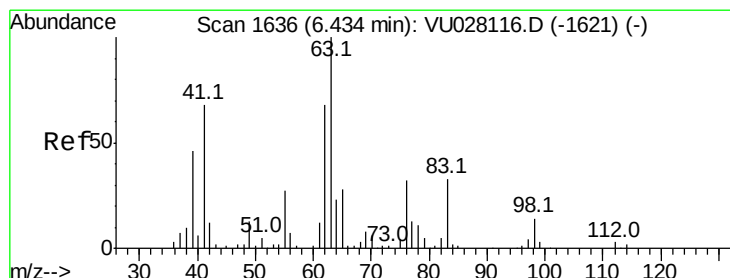
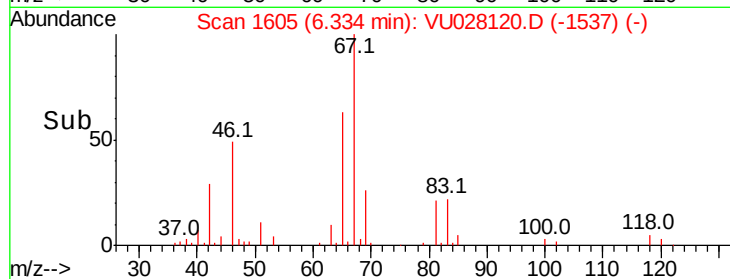
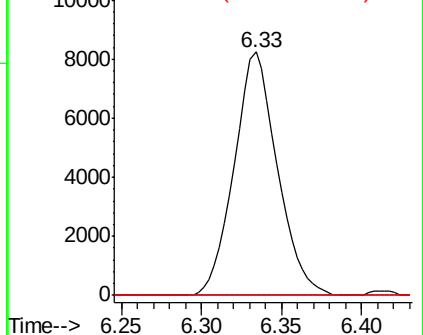
#35
Methylvlcyclohexane
Concen: 0.694 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9C47

Tot Ion: 83 Resp: 15148
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.0 33.3 49.9#

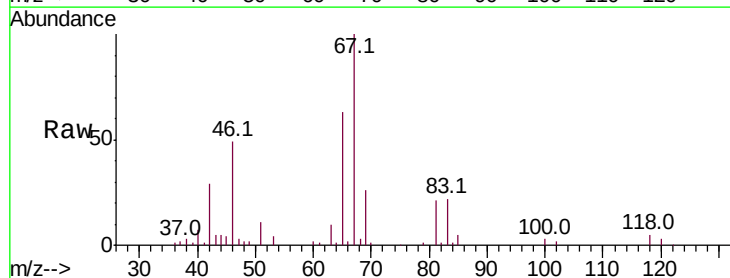


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

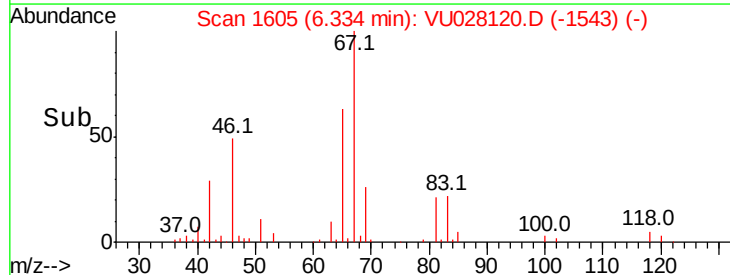
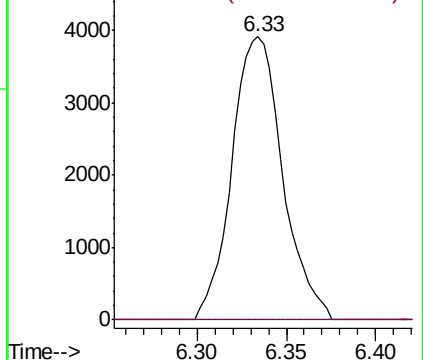


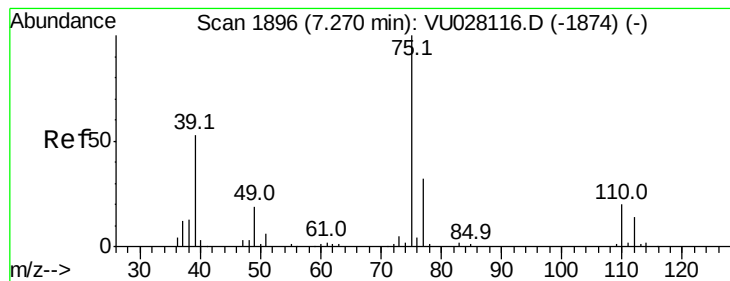
#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

Tgt Ion: 63 Resp: 7748
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



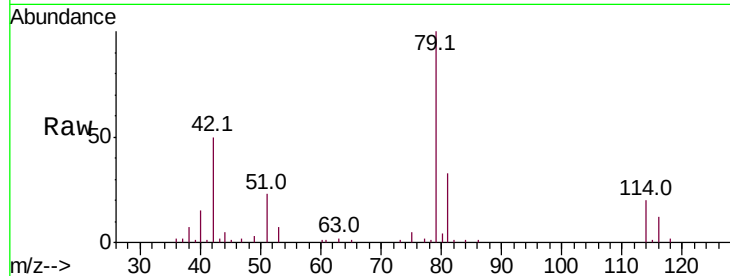


#39

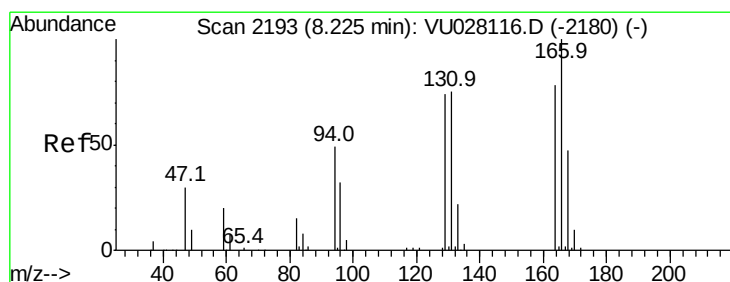
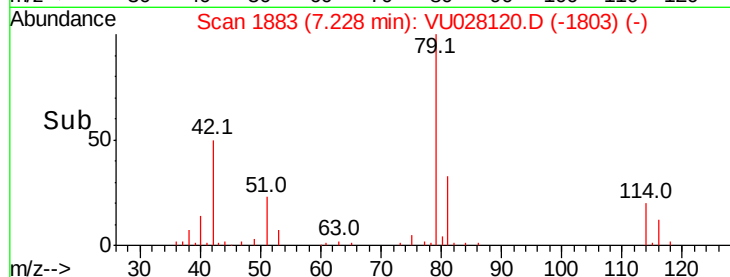
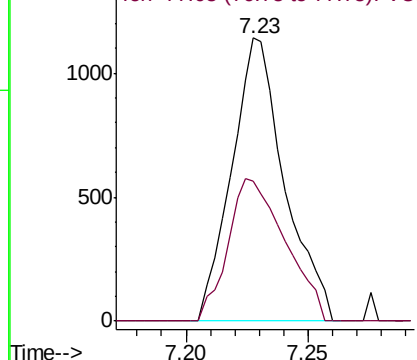
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

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Tot Ion: 75 Resp: 1714
Ion Ratio Lower Upper
75 100
77 49.4 20.9 38.9#



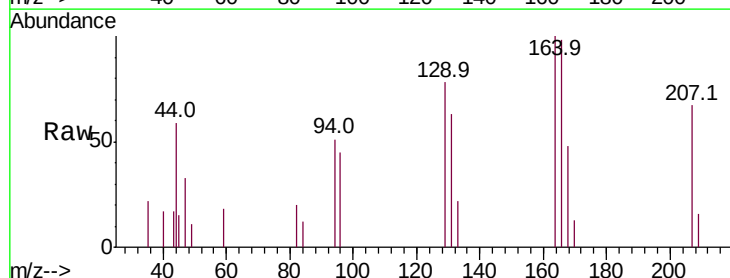
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



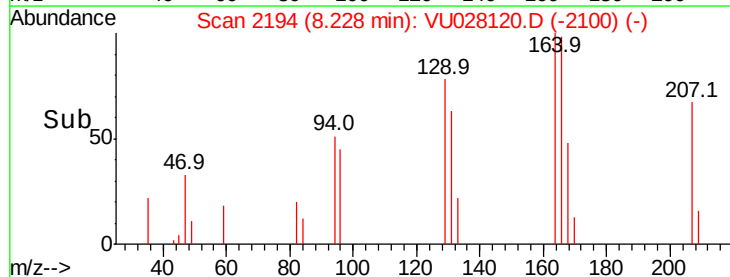
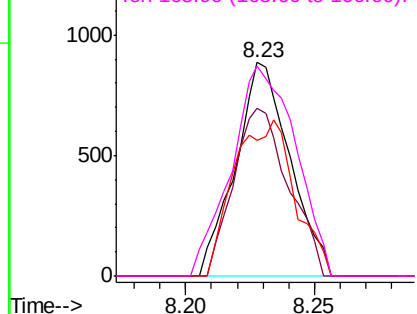
#47

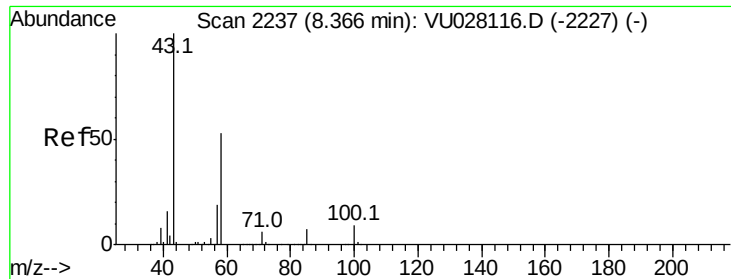
Tetrachloroethene
Concen: 0.127 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

Tgt Ion:164 Resp: 1308
Ion Ratio Lower Upper
164 100
129 78.5 69.7 129.4
131 63.4 64.0 118.8#
166 98.0 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

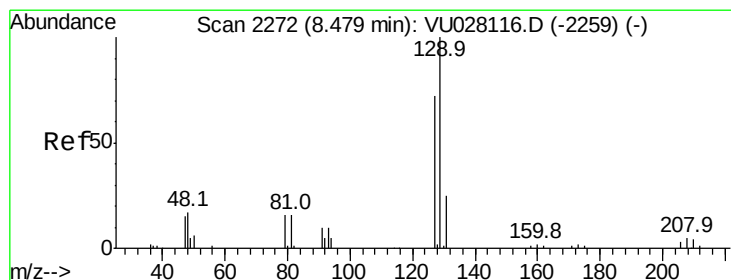
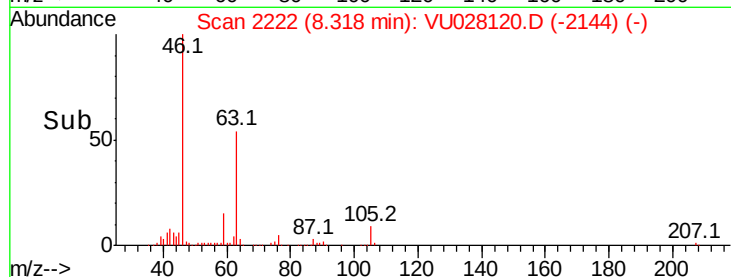
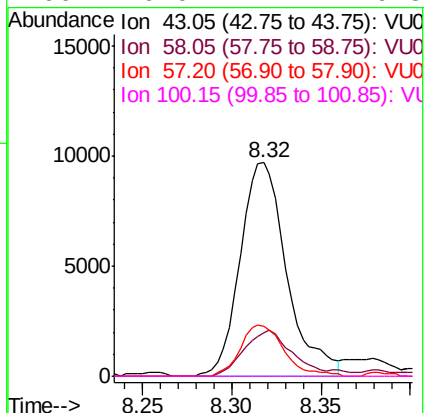
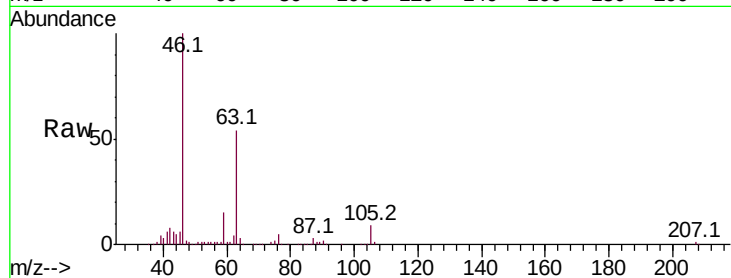




#48
2-Hexanone
Concen: 2.543 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

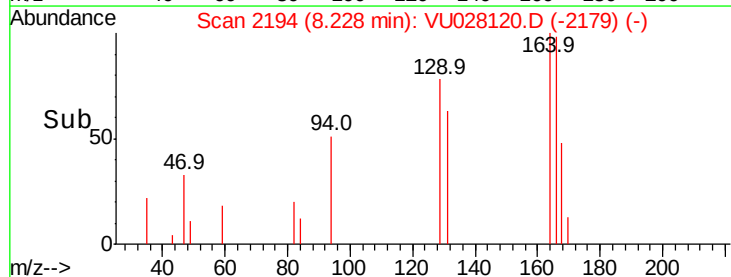
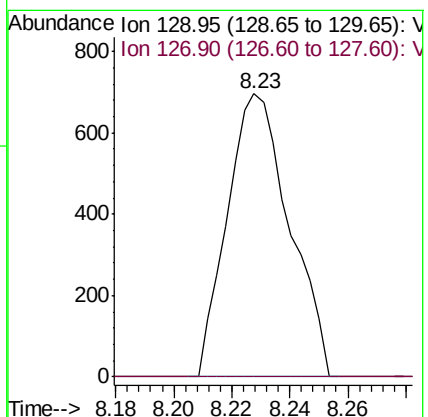
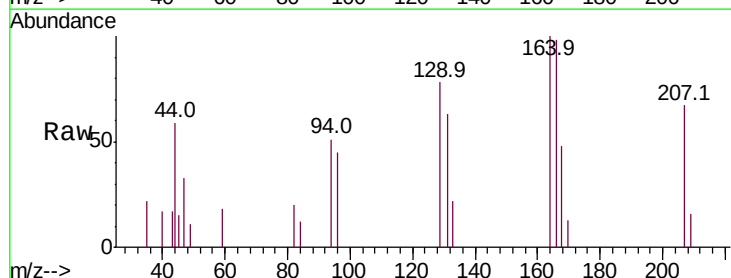
Instrument :
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ClientSampleId :
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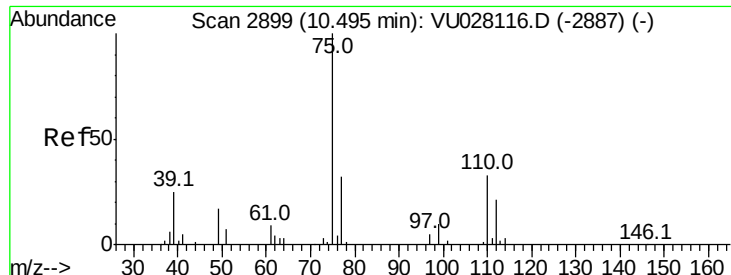
Tot Ion: 43 Resp: 17703
Ion Ratio Lower Upper
43 100
58 22.0 41.7 62.5#
57 22.5 14.0 21.0#
100 0.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.113 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028120.D
Acq: 14 Nov 2018 14:52

Tgt Ion: 129 Resp: 1034
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028120.D

Acq: 14 Nov 2018 14:52

Instrument :

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Tot Ion: 75 Resp: 10082

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0

