

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028138.D
 Acq On : 14 Nov 2018 22:56
 Operator : MD/SY
 Sample : VU1114WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK57

Quant Time: Nov 15 06:17:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	138586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54508	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.68	69	44190	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.28	63	77113	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.19	46	171921	51.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.65	84	89848	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	51655	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	187264	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	67890	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.57	98	164553	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	20112	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	130943	47.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45147	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	55000	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

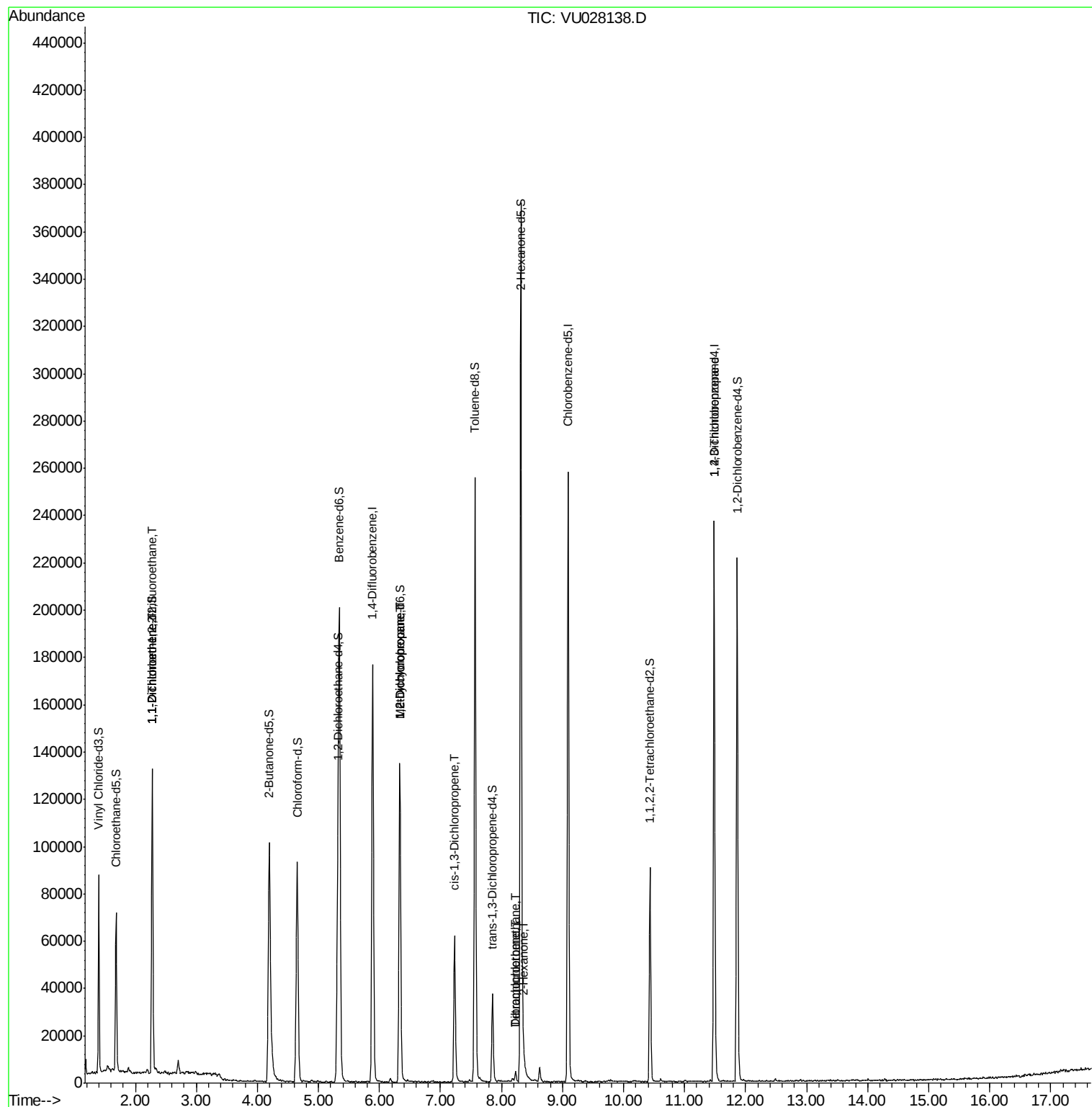
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	568	0.062	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	566	0.061	ug/L #	1
35) Methylcyclohexane	6.33	83	14219	0.748	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	7071	0.572	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1513	0.091	ug/L #	62
47) Tetrachloroethene	8.23	164	866	0.096	ug/L	91
48) 2-Hexanone	8.37	43	2295	0.379	ug/L #	93
49) Dibromochloromethane	8.23	129	952	0.120	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9160	1.319	ug/L	93

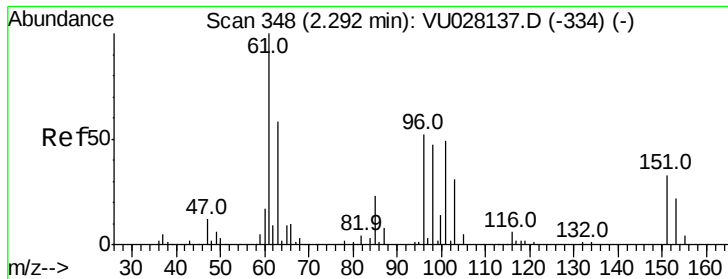
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration





#10

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

Concen: 0.062 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028138.D

Acq: 14 Nov 2018 22:56

Instrument :

MSVOA_U

ClientSampled :

VBLK57

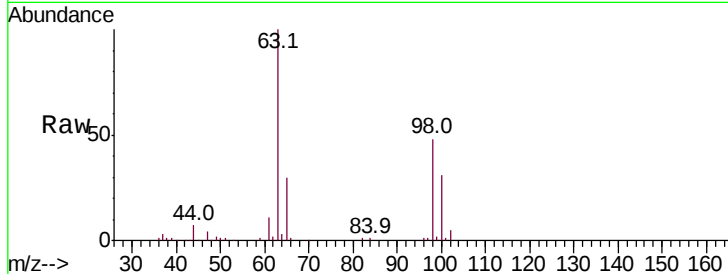
Tot Ion:101 Resp: 568

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

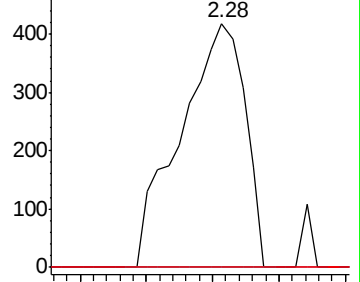
151 0.0 58.2 87.2#



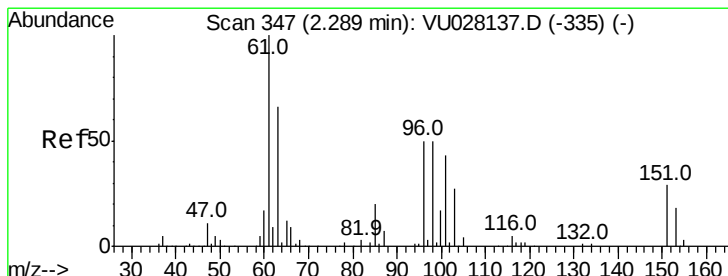
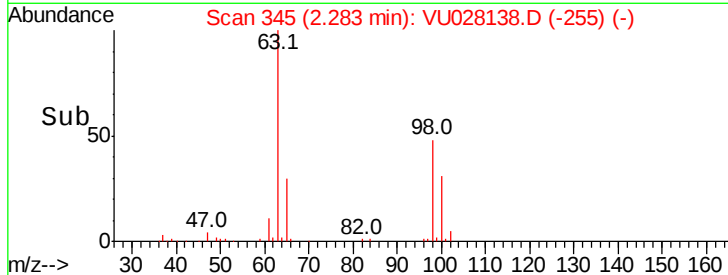
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028138.D

Acq: 14 Nov 2018 22:56

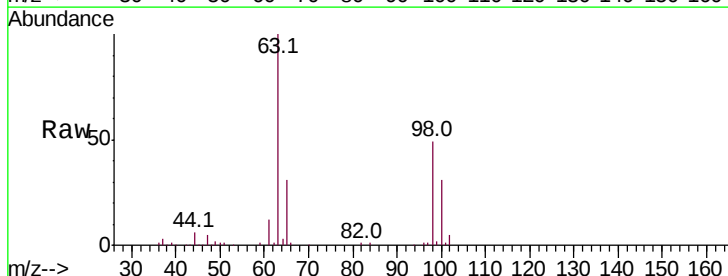
Tgt Ion: 96 Resp: 566

Ion Ratio Lower Upper

96 100

61 1667.7 134.8 250.3#

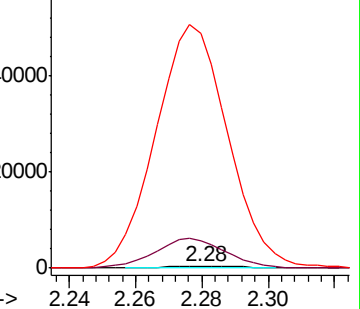
63 14336.7 100.1 185.9#



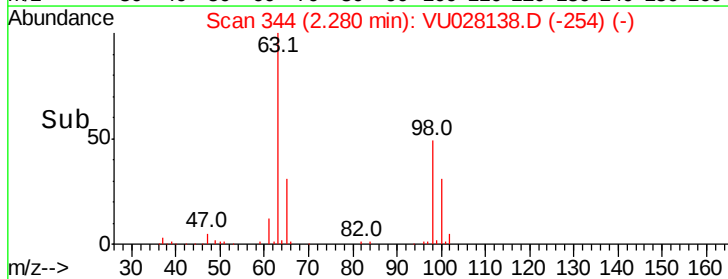
Abundance Ion 96.00 (95.70 to 96.70): VU0

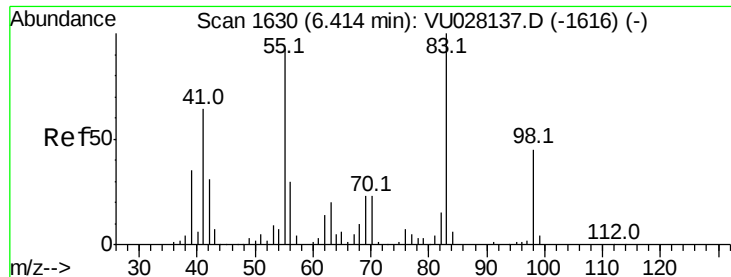
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028138.D

Acq: 14 Nov 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK57

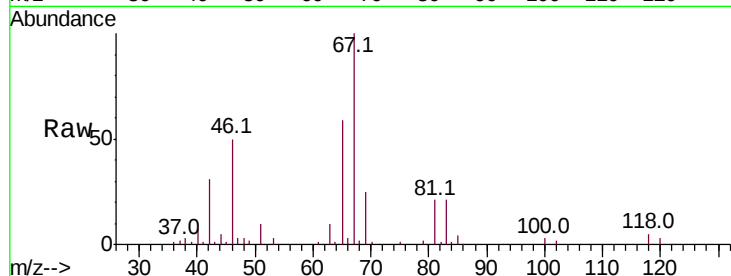
Tot Ion: 83 Resp: 14219

Ion Ratio Lower Upper

83 100

55 0.9 69.0 103.4#

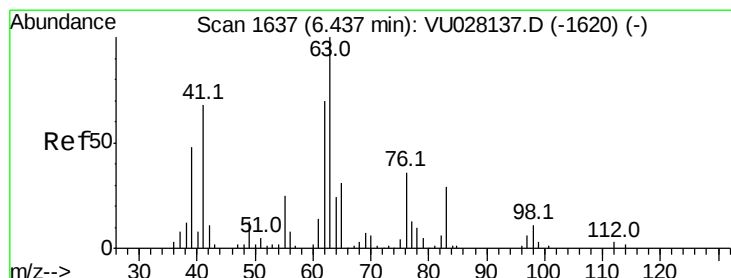
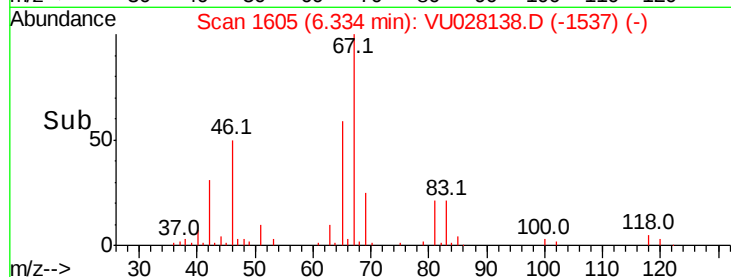
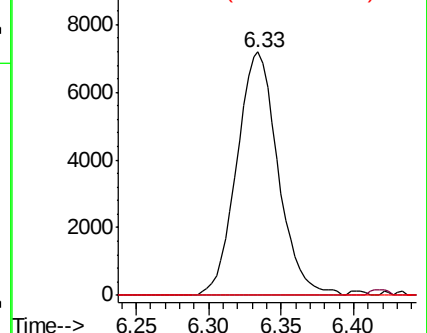
98 1.7 33.3 49.9#



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: 0.572 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028138.D

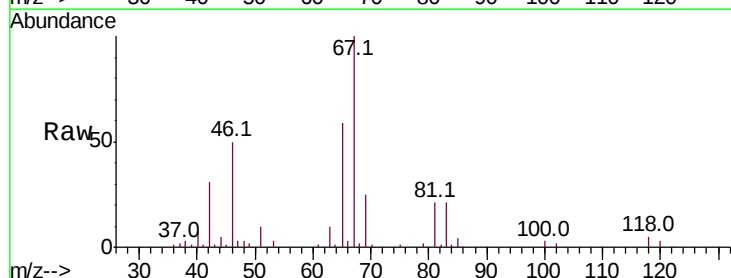
Acq: 14 Nov 2018 22:56

Tgt Ion: 63 Resp: 7071

Ion Ratio Lower Upper

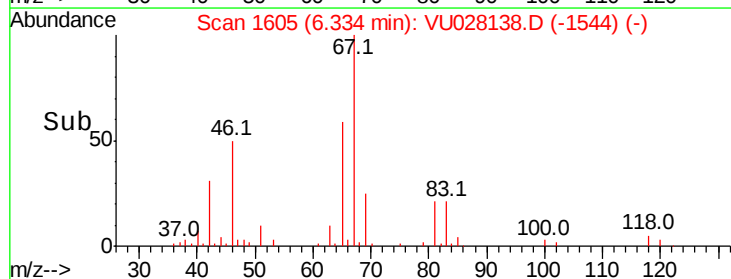
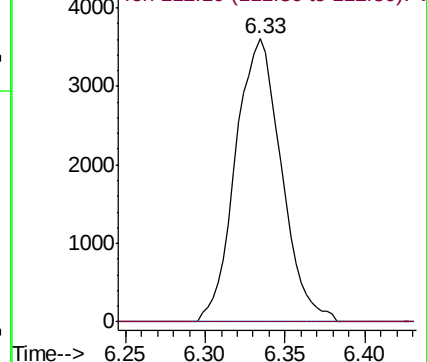
63 100

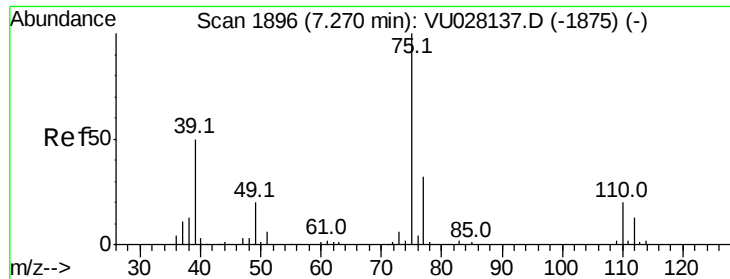
112 0.0 2.2 3.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



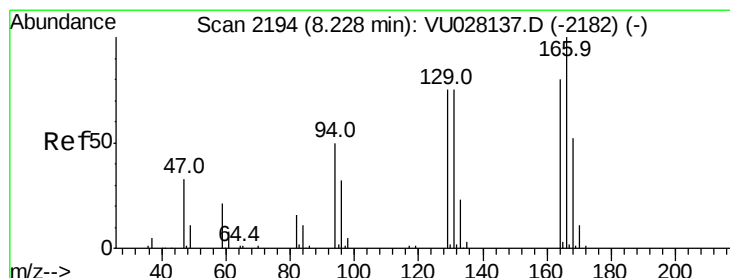
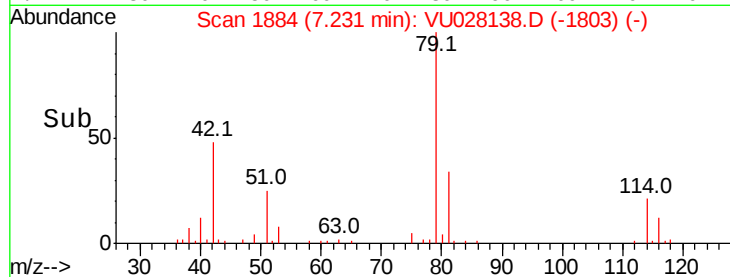
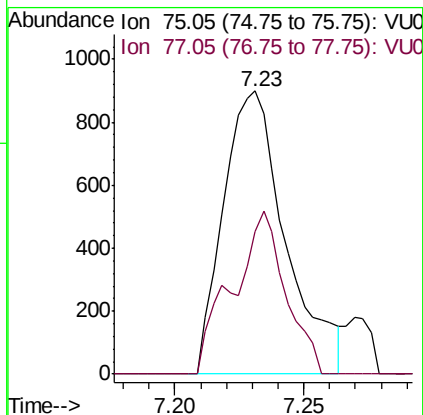
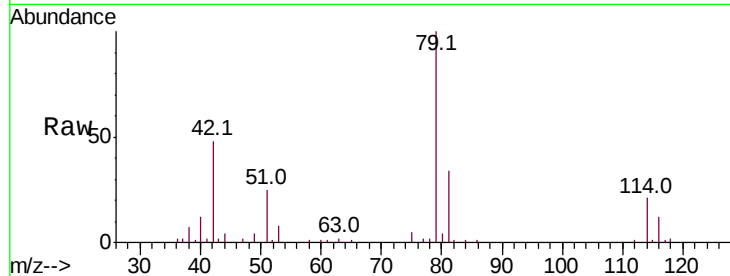


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028138.D
 Acq: 14 Nov 2018 22:56

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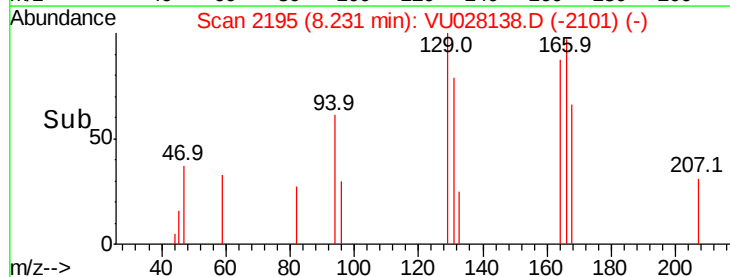
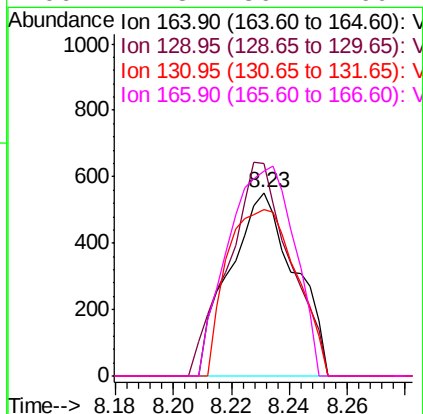
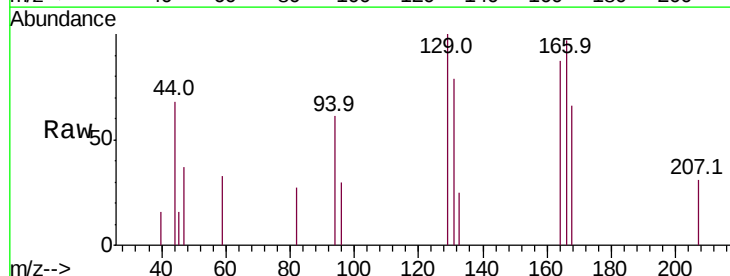
Tot Ion: 75 Resp: 1513
 Ion Ratio Lower Upper
 75 100
 77 50.3 20.9 38.9#

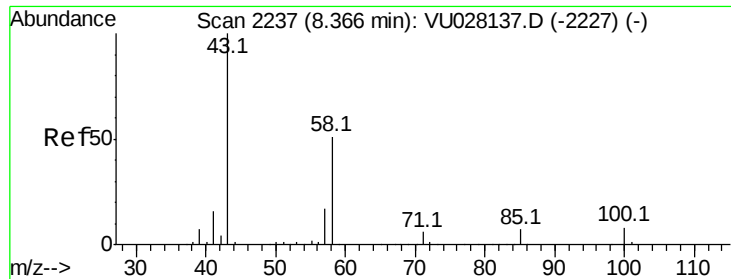


#47

Tetrachloroethene
 Concen: 0.096 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VU028138.D
 Acq: 14 Nov 2018 22:56

Tgt Ion:164 Resp: 866
 Ion Ratio Lower Upper
 164 100
 129 115.6 69.7 129.4
 131 91.0 64.0 118.8
 166 111.8 86.4 160.4

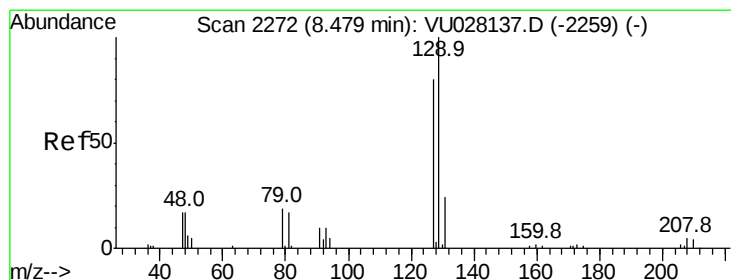
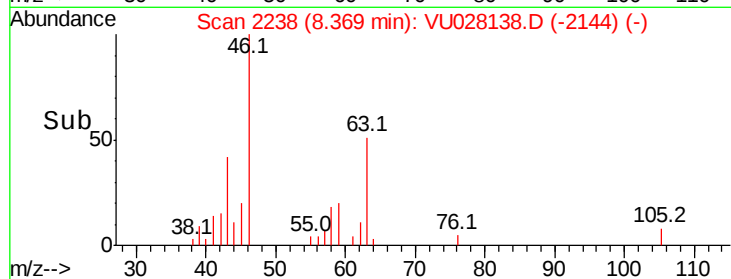
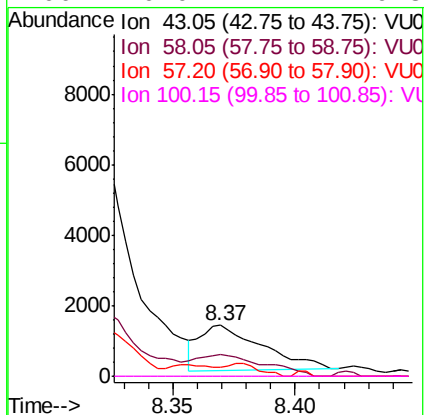
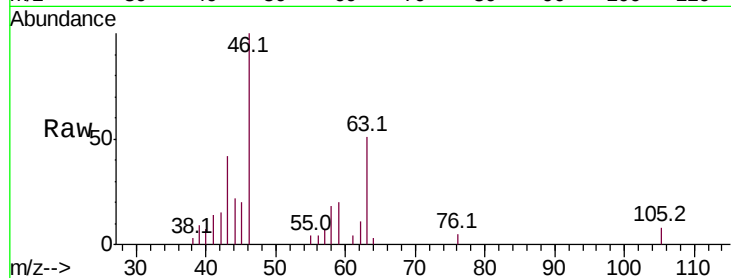




#48
2-Hexanone
Concen: 0.379 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028138.D
Acq: 14 Nov 2018 22:56

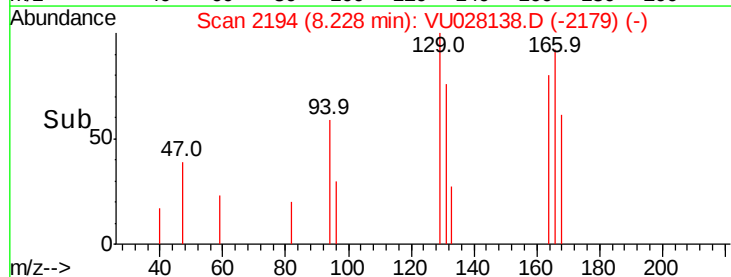
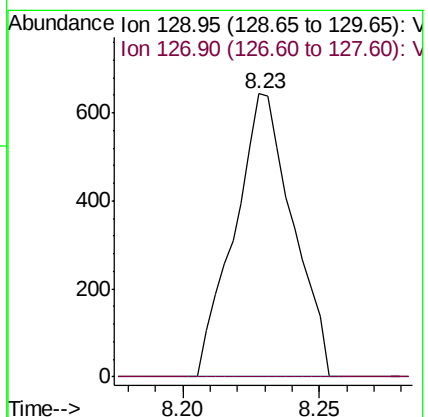
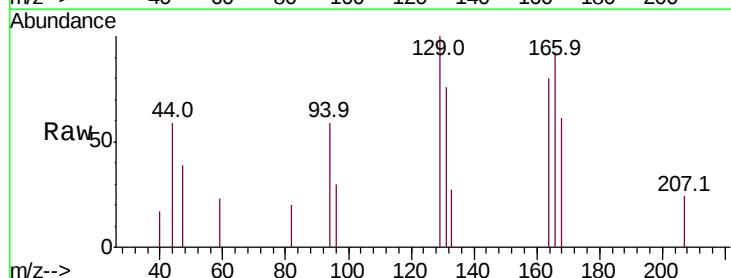
Instrument :
MSVOA_U
ClientSampleId :
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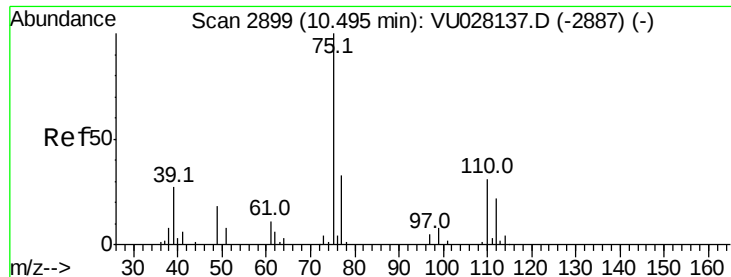
Tot Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 54.1 41.7 62.5
57 13.9 14.0 21.0#
100 0.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.120 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028138.D
Acq: 14 Nov 2018 22:56

Tgt Ion: 129 Resp: 952
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.319 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028138.D

Acq: 14 Nov 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK57

Tot Ion: 75 Resp: 9160

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

