

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028130.D
 Acq On : 14 Nov 2018 18:59
 Operator : MD/SY
 Sample : J5948-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 04:30:21 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	138159	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52831	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.68	69	42215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.28	63	74987	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.19	46	178464	53.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	4.65	84	89058	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	51746	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.34	84	184384	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.33	67	67408	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	163394	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	21613	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	138787	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47301	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	55614	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

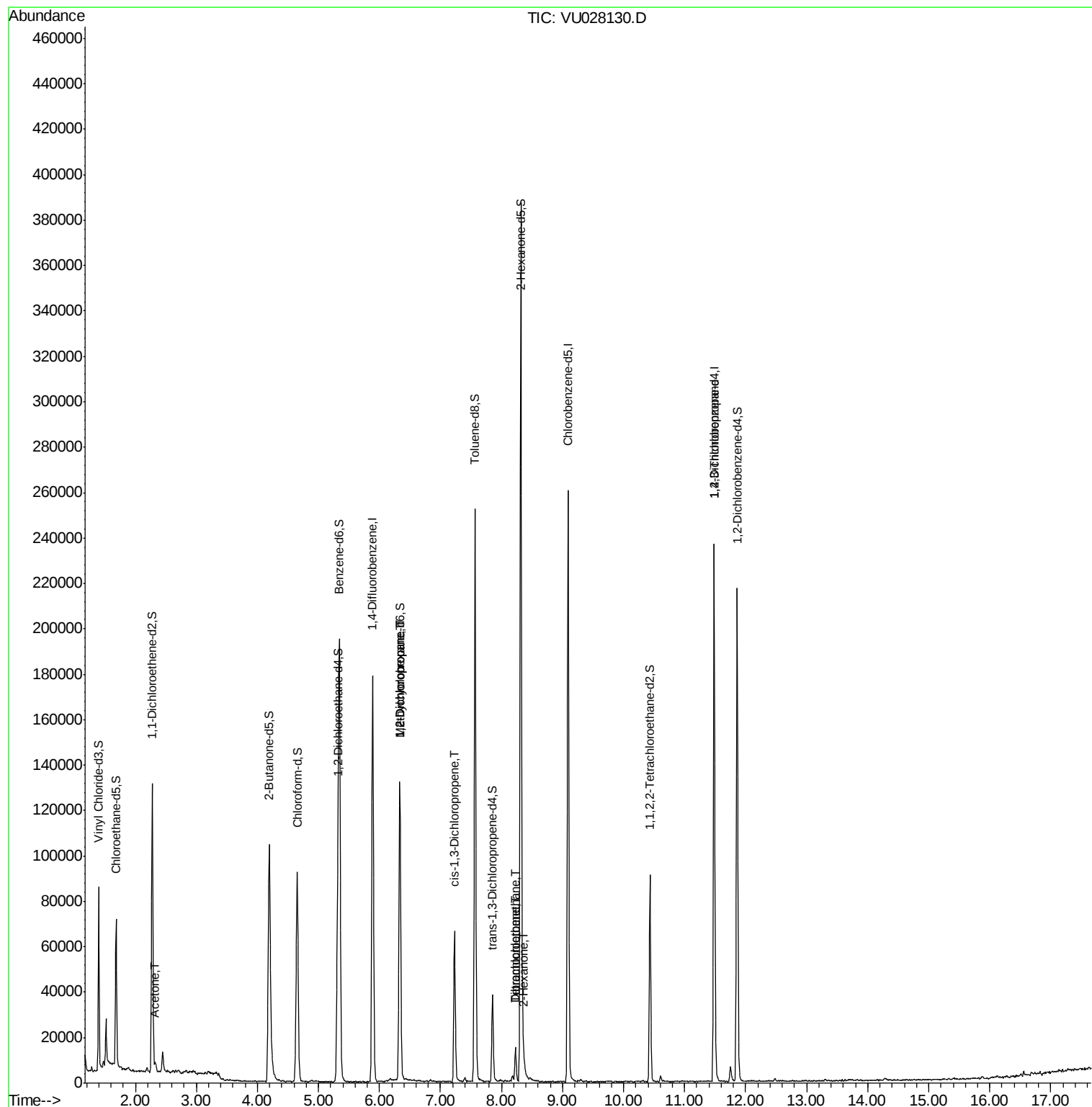
					Ovalue
13) Acetone	2.32	43	3286	1.467 ug/L	88
35) Methylcyclohexane	6.33	83	13345	0.704 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6626	0.537 ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1524	0.091 ug/L #	65
47) Tetrachloroethene	8.23	164	2958	0.330 ug/L	85
48) 2-Hexanone	8.37	43	2137	0.354 ug/L #	61
49) Dibromochloromethane	8.23	129	3034	0.383 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8360	1.207 ug/L	94

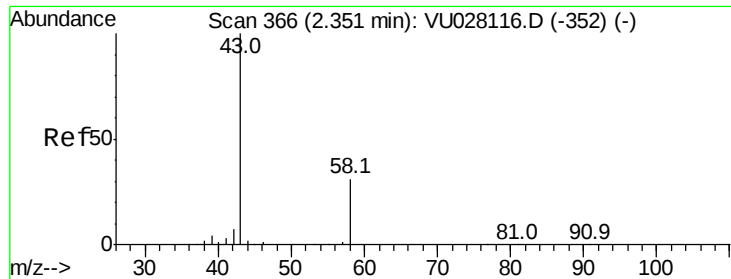
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.467 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.03 min

Lab File: VU028130.D

Acq: 14 Nov 2018 18:59

Instrument :

MSVOA_U

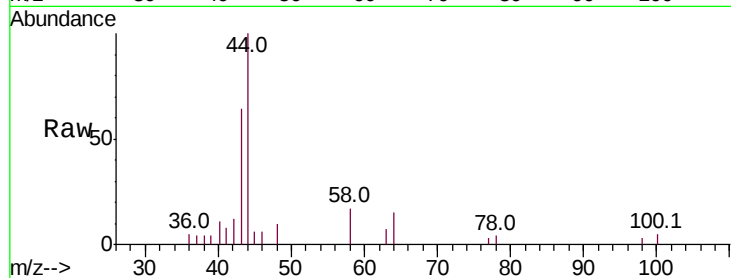
ClientSampleId :

Tot Ion: 43 Resp: 3286

Ion Ratio Lower Upper

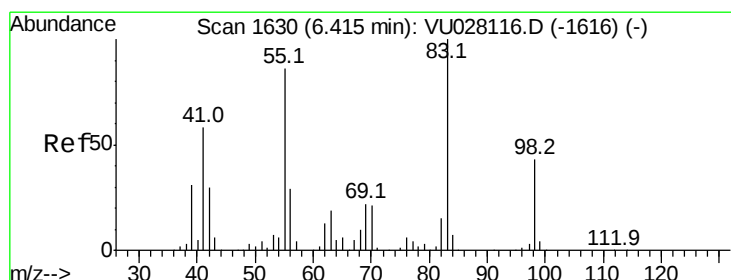
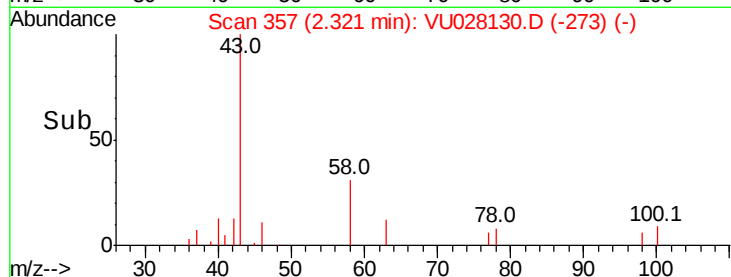
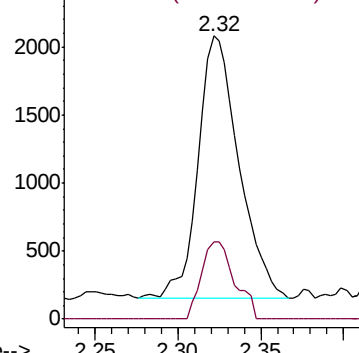
43 100

58 24.0 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028130.D

Acq: 14 Nov 2018 18:59

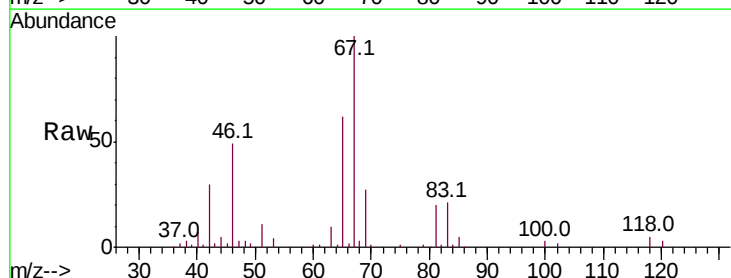
Tgt Ion: 83 Resp: 13345

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

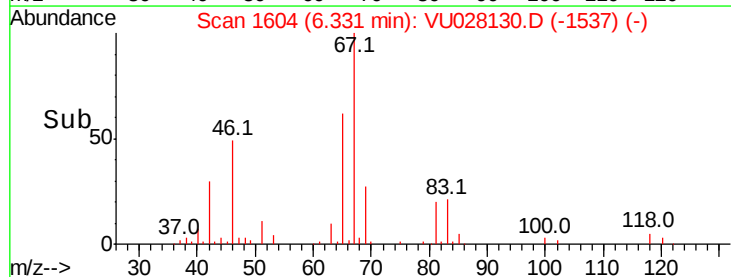
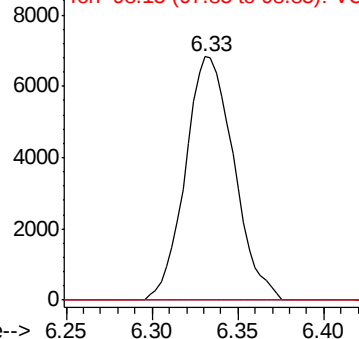
98 0.7 33.3 49.9#

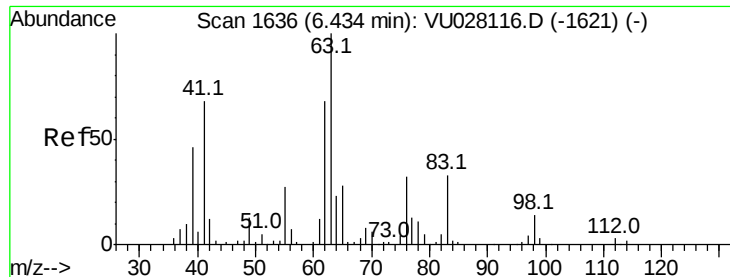


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028130.D

Acq: 14 Nov 2018 18:59

Instrument :

MSVOA_U

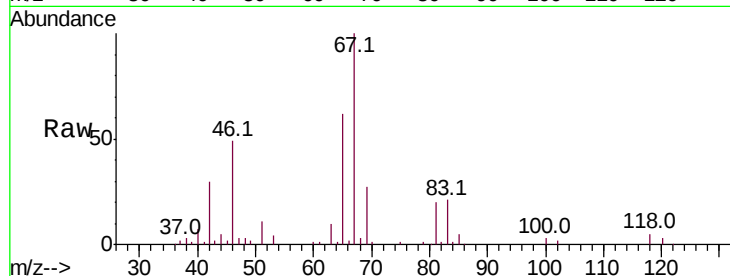
ClientSampled :

Tot Ion: 63 Resp: 6626

Ion Ratio Lower Upper

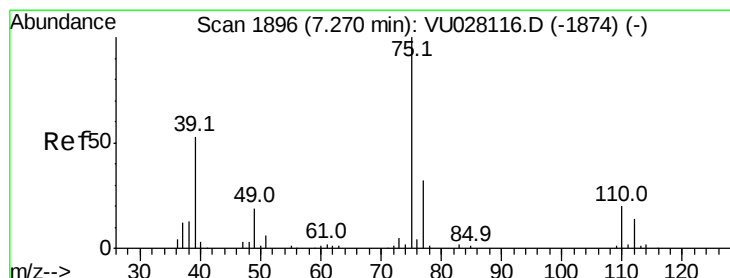
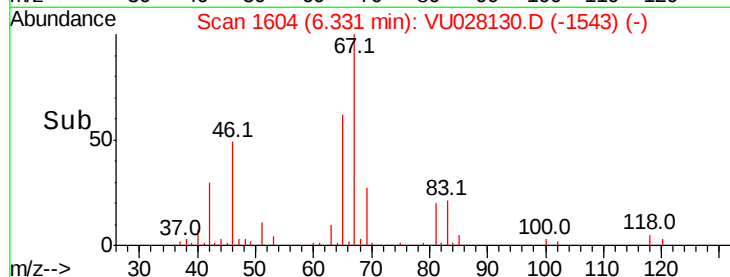
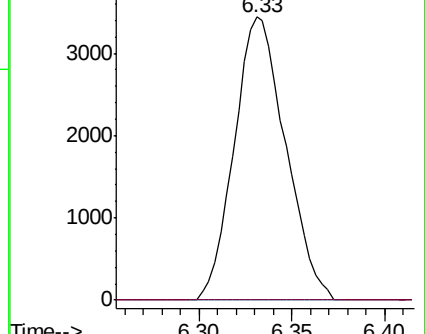
63 100

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# 1883

Delta R.T. -0.04 min

Lab File: VU028130.D

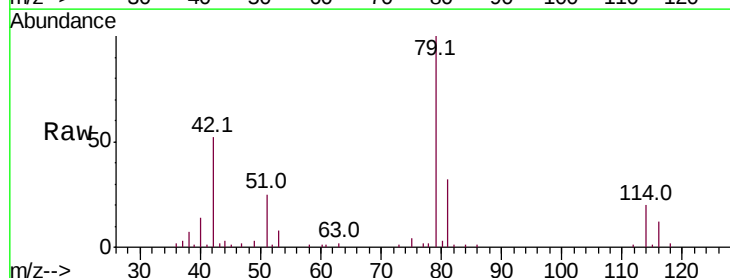
Acq: 14 Nov 2018 18:59

Tgt Ion: 75 Resp: 1524

Ion Ratio Lower Upper

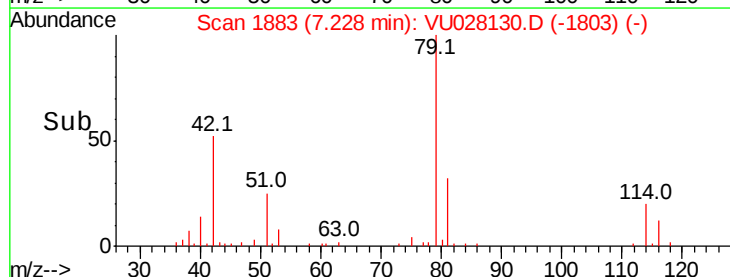
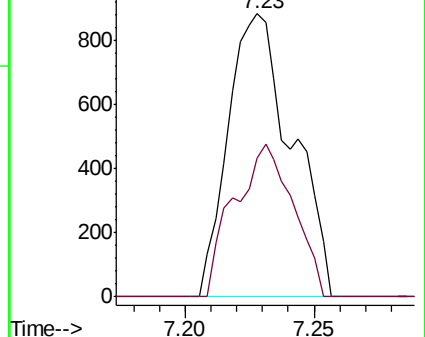
75 100

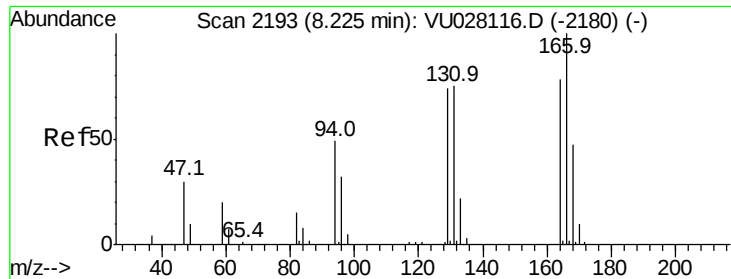
77 48.9 20.9 38.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



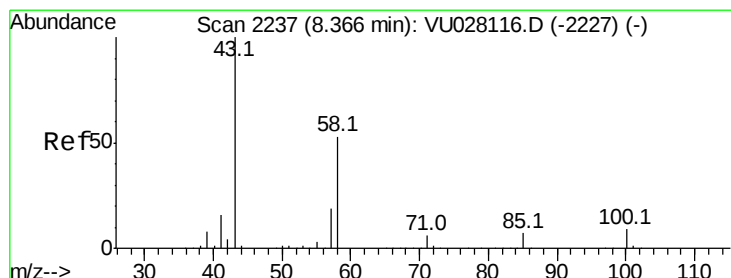
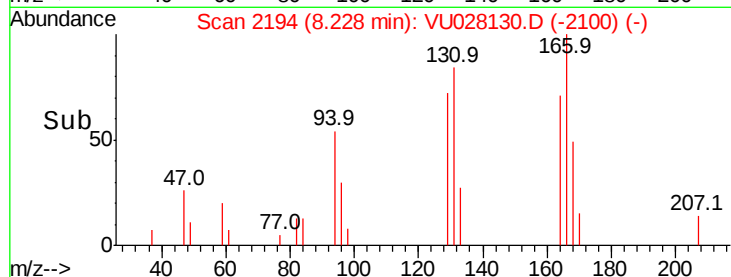
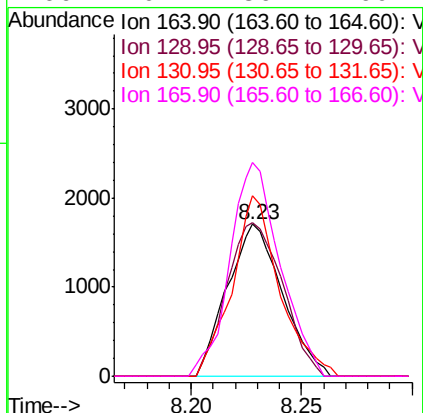
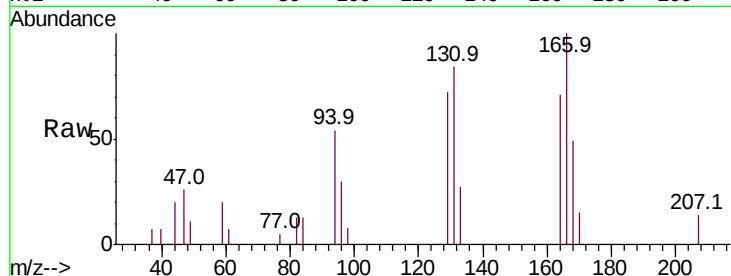


#47
Tetrachloroethene
Concen: 0.330 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028130.D
Acq: 14 Nov 2018 18:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 2958

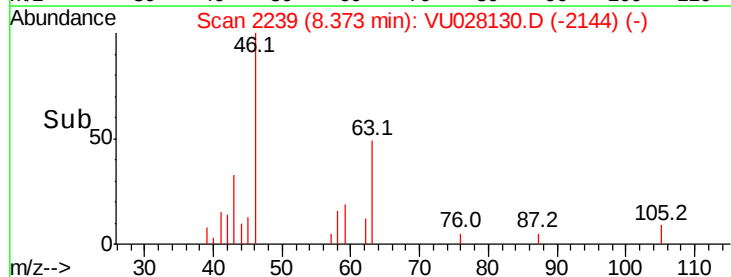
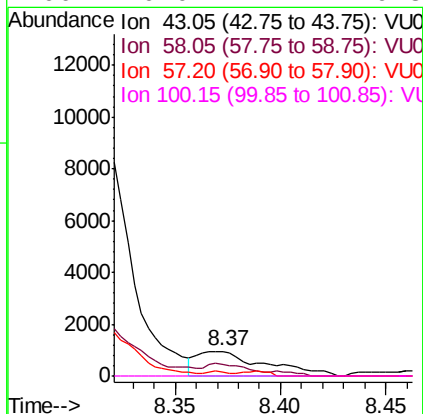
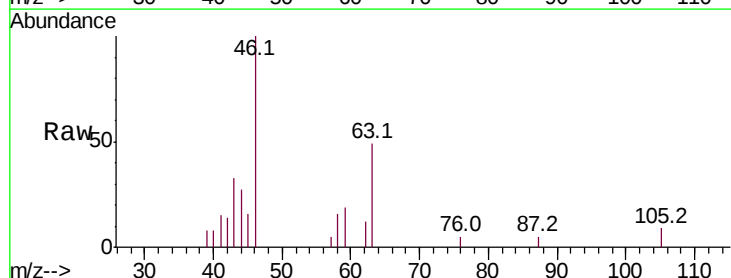
Ion	Ratio	Lower	Upper
164	100		
129	101.3	69.7	129.4
131	118.3	64.0	118.8
166	140.4	86.4	160.4

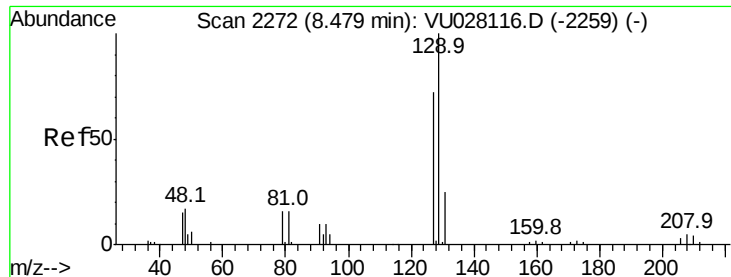


#48
2-Hexanone
Concen: 0.354 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028130.D
Acq: 14 Nov 2018 18:59

Tgt Ion: 43 Resp: 2137

Ion	Ratio	Lower	Upper
43	100		
58	19.5	41.7	62.5#
57	6.7	14.0	21.0#
100	0.0	7.2	10.8#





#49

Dibromochloromethane

Concen: 0.383 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028130.D

Acq: 14 Nov 2018 18:59

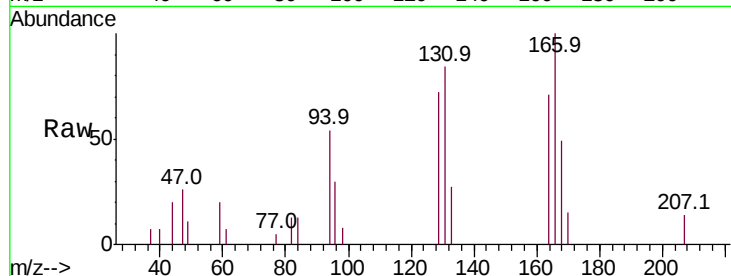
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 3034

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

8.23

1500

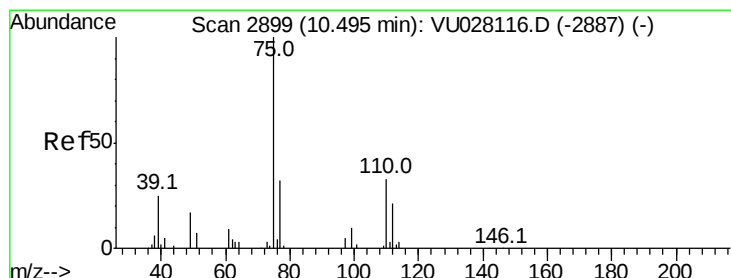
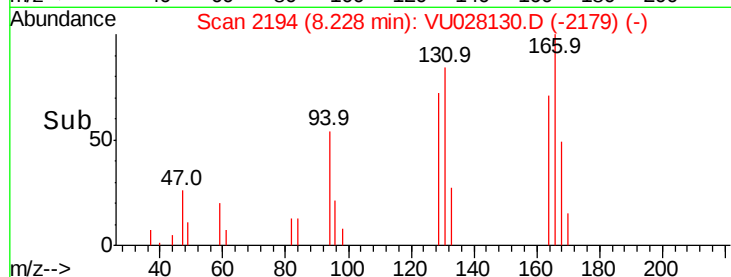
1000

500

0

Time-->

8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028130.D

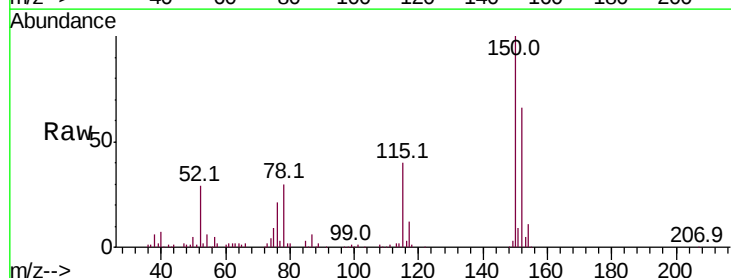
Acq: 14 Nov 2018 18:59

Tgt Ion: 75 Resp: 8360

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

6000

5000

4000

3000

2000

1000

0

Time-->

11.45 11.50 11.55

