

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028128.D
 Acq On : 14 Nov 2018 18:11
 Operator : MD/SY
 Sample : J5948-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C26

Quant Time: Nov 15 04:30:06 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	146553	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54023	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	44025	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.28	63	76879	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.19	46	180242	51.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	4.65	84	91650	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.31	65	51848	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	190345	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	68632	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.57	98	166728	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	22313	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	140852	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46695	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	56269	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

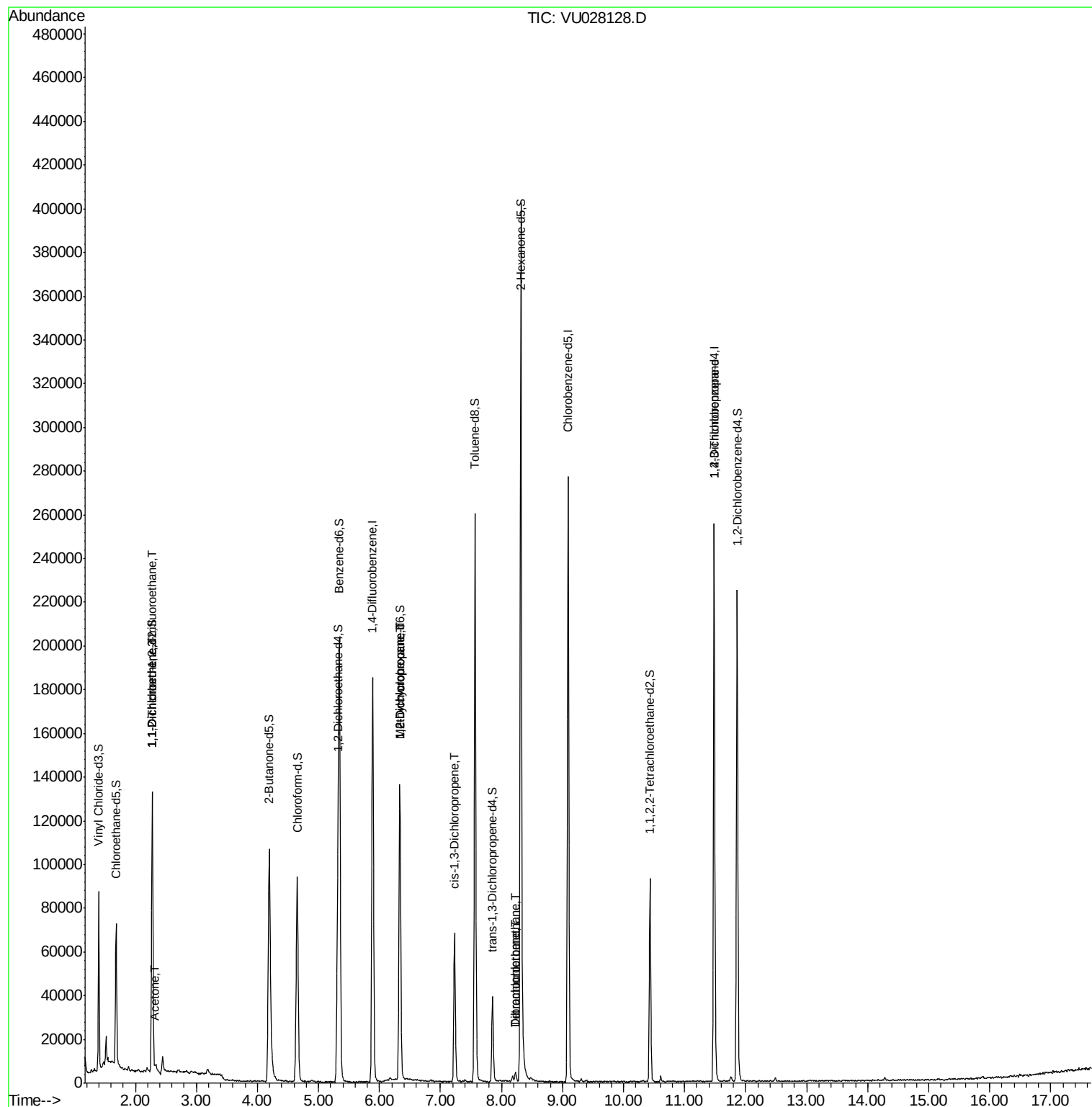
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	485	0.050	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	543	0.056	ug/L #	1
13) Acetone	2.32	43	2689	1.132	ug/L	85
35) Methylcyclohexane	6.33	83	13764	0.687	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6870	0.527	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1544	0.088	ug/L #	70
47) Tetrachloroethene	8.23	164	946	0.100	ug/L	82
49) Dibromochloromethane	8.22	129	883	0.105	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9163	1.251	ug/L	94

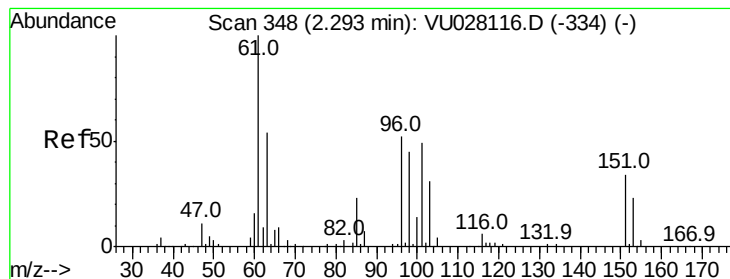
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.050 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028128.D

Acq: 14 Nov 2018 18:11

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MSVOA_U

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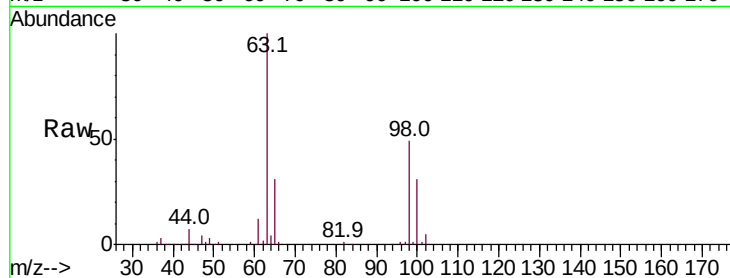
Tot Ion:101 Resp: 485

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

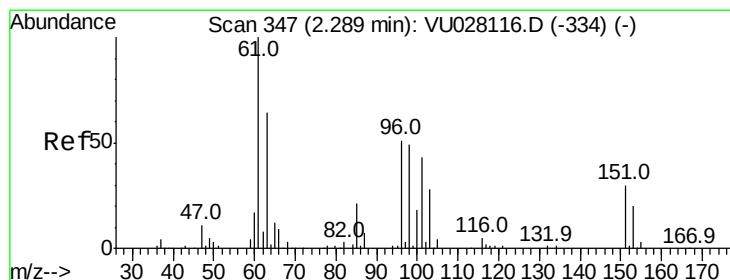
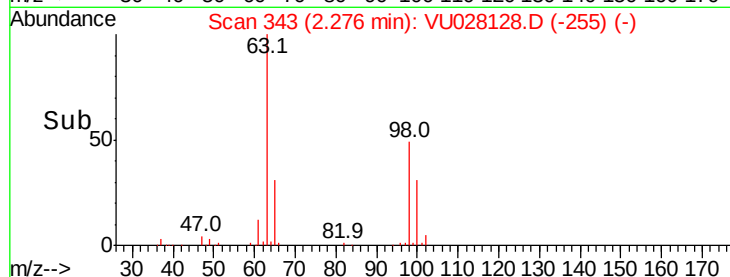
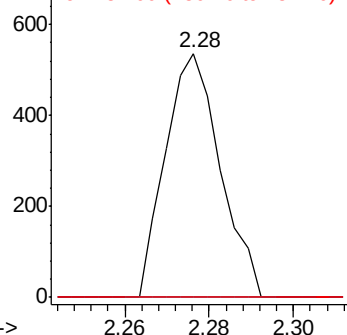
151 0.0 58.2 87.2#



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



#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

Lab File: VU028128.D

Acq: 14 Nov 2018 18:11

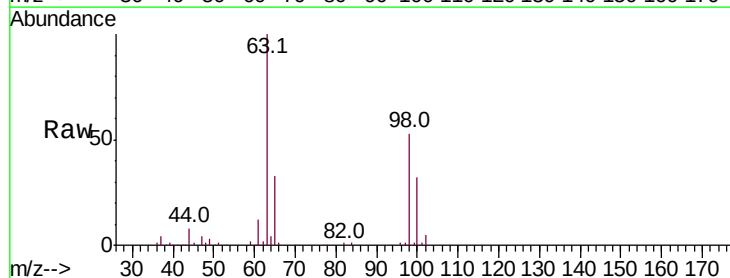
Tgt Ion: 96 Resp: 543

Ion Ratio Lower Upper

96 100

61 1168.4 134.8 250.3#

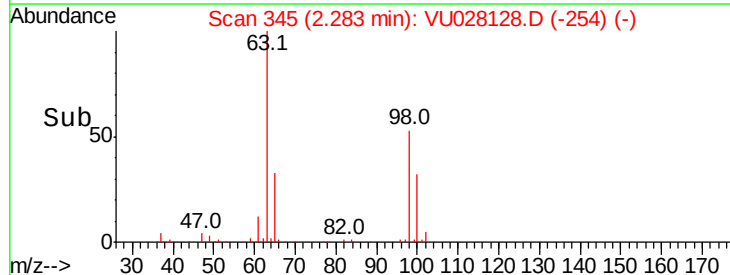
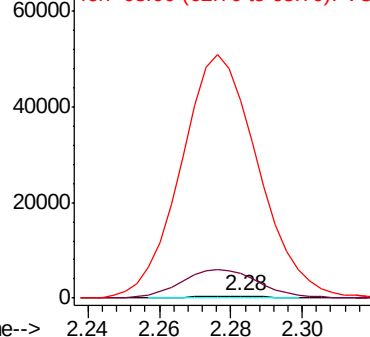
63 9520.7 100.1 185.9#

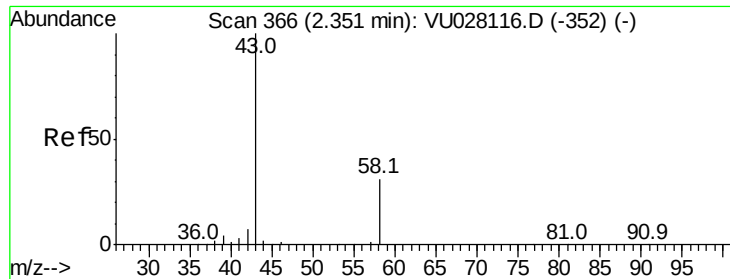


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.132 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028128.D

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ClientSampleId :

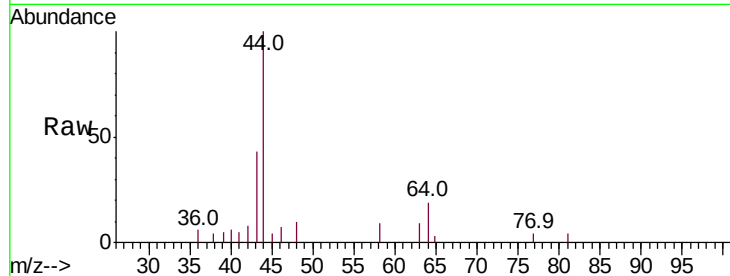
F9C26

Tot Ion: 43 Resp: 2689

Ion Ratio Lower Upper

43 100

58 22.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU028116.D (-352) (-)

Ion 58.05 (57.75 to 58.75): VU028116.D (-352) (-)

2.32

1500

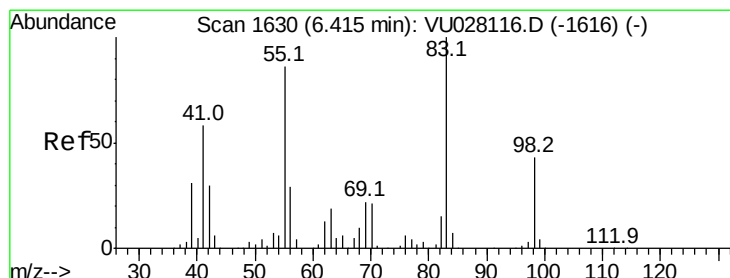
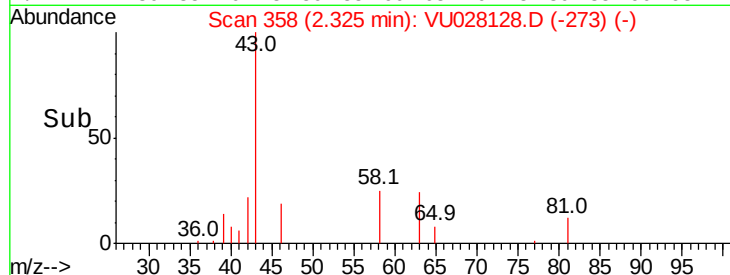
1000

500

0

2.25 2.30 2.35 2.40

Time-->



#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028128.D

Acq: 14 Nov 2018 18:11

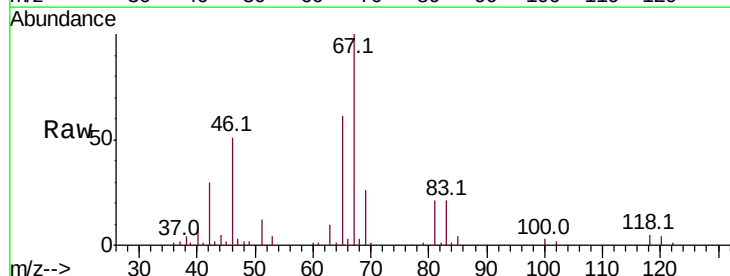
Tgt Ion: 83 Resp: 13764

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): VU028116.D (-1616) (-)

Ion 55.10 (54.80 to 55.80): VU028116.D (-1616) (-)

Ion 98.15 (97.85 to 98.85): VU028116.D (-1616) (-)

6.33

8000

6000

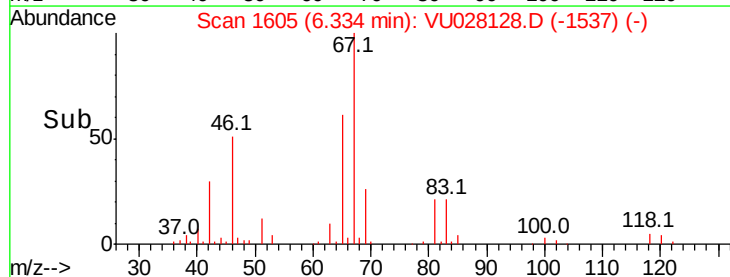
4000

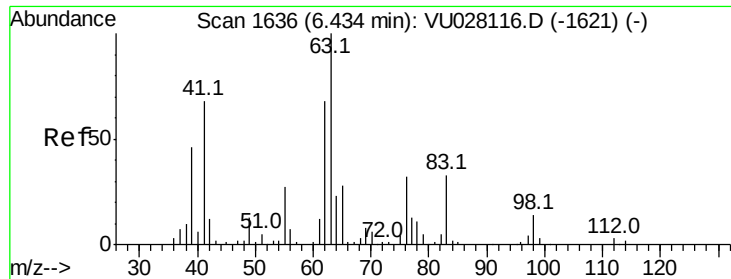
2000

0

6.30 6.35 6.40

Time-->

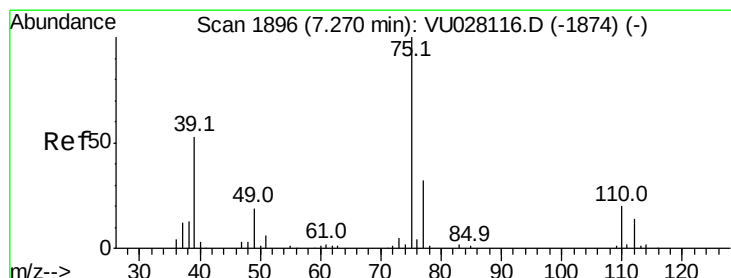
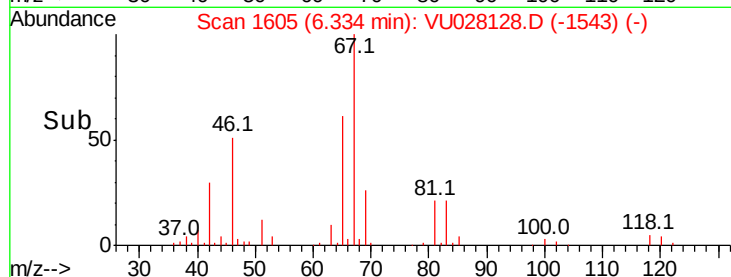
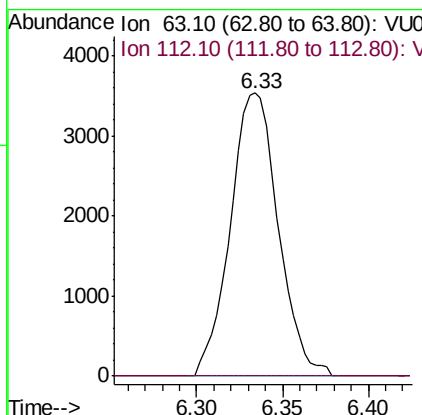
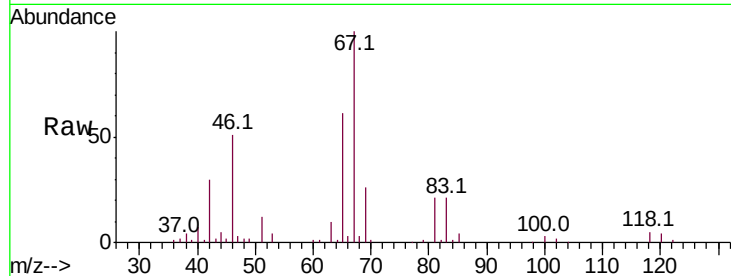




#37
 1,2-Dichloropropane
 Concen: 0.527 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028128.D
 Acq: 14 Nov 2018 18:11

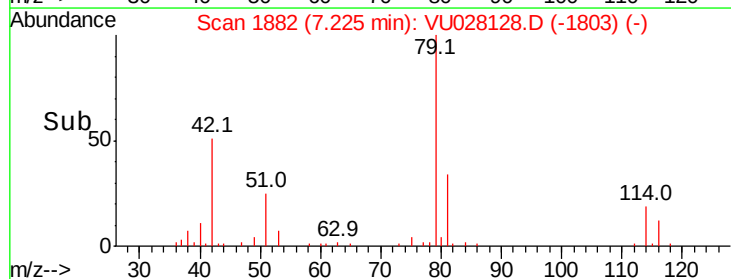
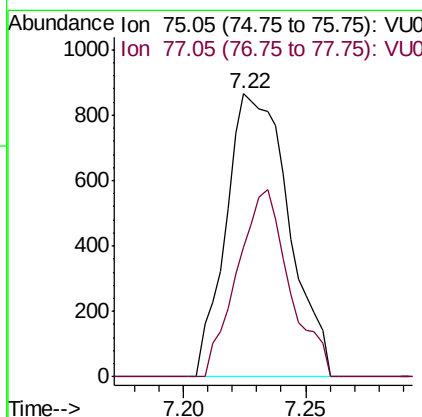
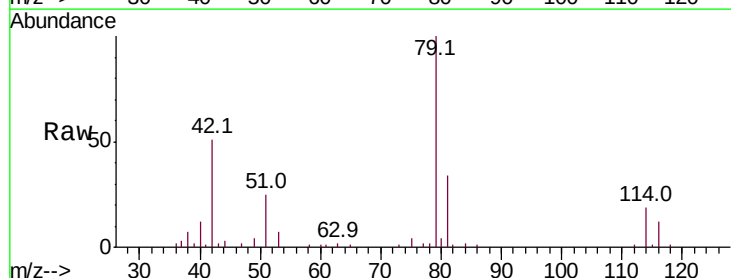
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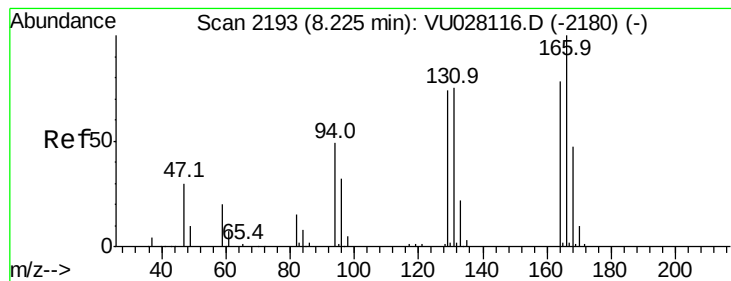
Tot Ion: 63 Resp: 6870
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.05 min
 Lab File: VU028128.D
 Acq: 14 Nov 2018 18:11

Tgt Ion: 75 Resp: 1544
 Ion Ratio Lower Upper
 75 100
 77 45.9 20.9 38.9#





#47

Tetrachloroethene

Concen: 0.100 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028128.D

Acq: 14 Nov 2018 18:11

Instrument :

MSVOA_U

ClientSampled :

F9C26

Tot Ion:164 Resp: 946

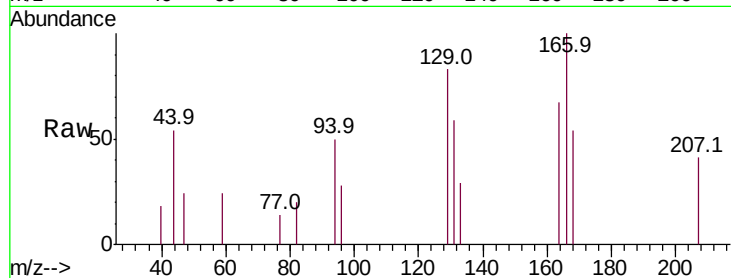
Ion Ratio Lower Upper

164 100

129 124.0 69.7 129.4

131 87.1 64.0 118.8

166 148.5 86.4 160.4

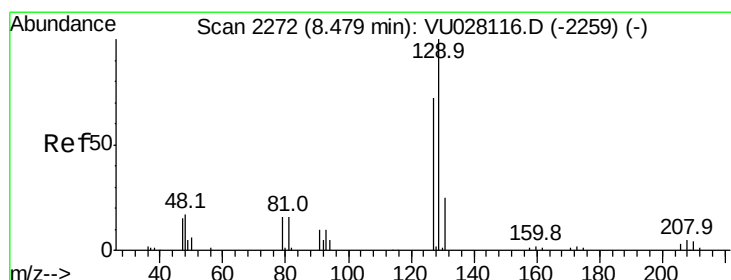
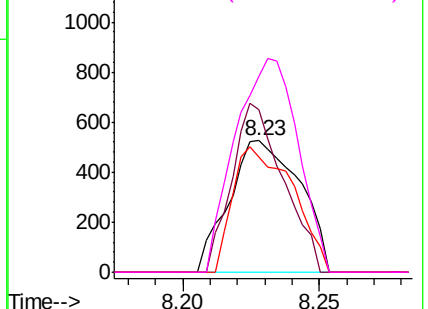
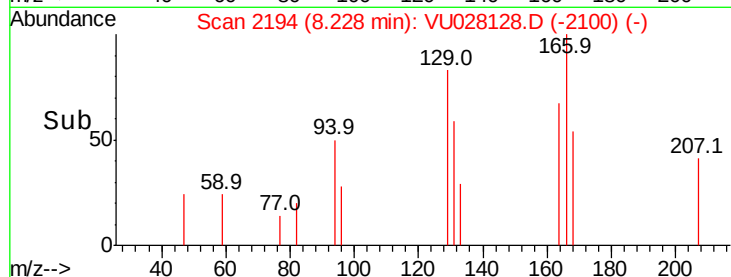


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.105 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028128.D

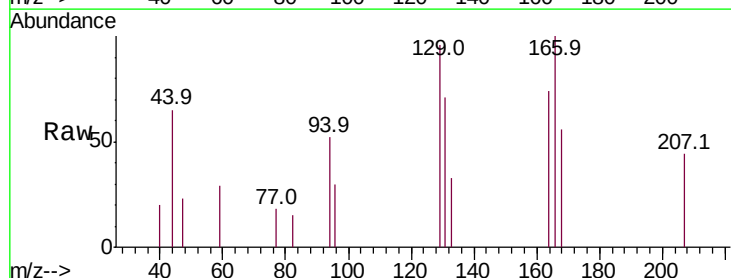
Acq: 14 Nov 2018 18:11

Tgt Ion:129 Resp: 883

Ion Ratio Lower Upper

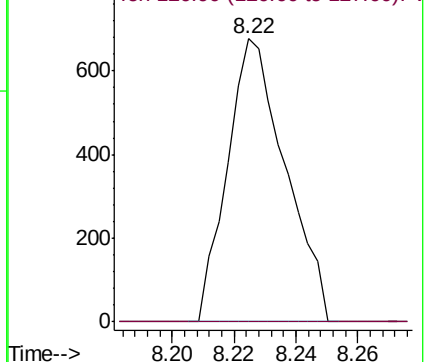
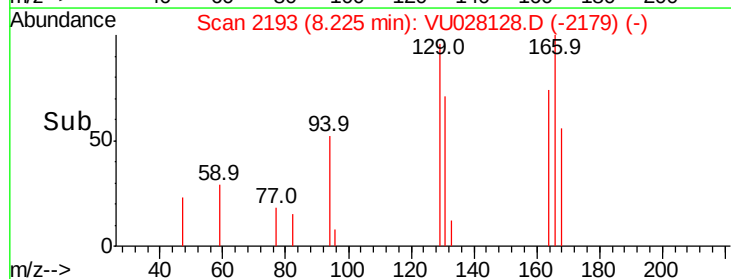
129 100

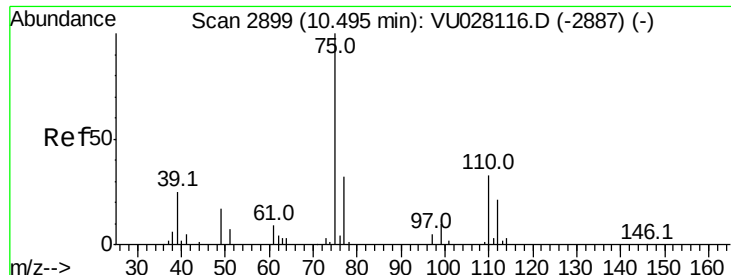
127 0.0 54.1 100.5#



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: 1.251 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028128.D

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ClientSampleId :

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Tot Ion: 75 Resp: 9163

Ion Ratio Lower Upper

75 100

77 34.9 25.4 38.0

