

Data File : VU027628.D
Acq On : 12 Oct 2018 16:59
Operator : MD/SY
Sample : J5403-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Z9

Quant Time: Oct 13 01:42:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	168388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54337	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	46112	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.34%
11) 1,1-Dichloroethene-d2	2.27	63	77316	31.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.20%
21) 2-Butanone-d5	4.18	46	108957	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.65	84	100995	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.31	65	68478	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
32) Benzene-d6	5.34	84	199158	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
36) 1,2-Dichloropropane-d6	6.33	67	71897	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.57	98	160994	40.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.02%
43) trans-1,3-Dichloropropene-	7.85	79	29726	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
47) 2-Hexanone-d5	8.31	63	74315	96.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93965	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	57707	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%

Target Compounds

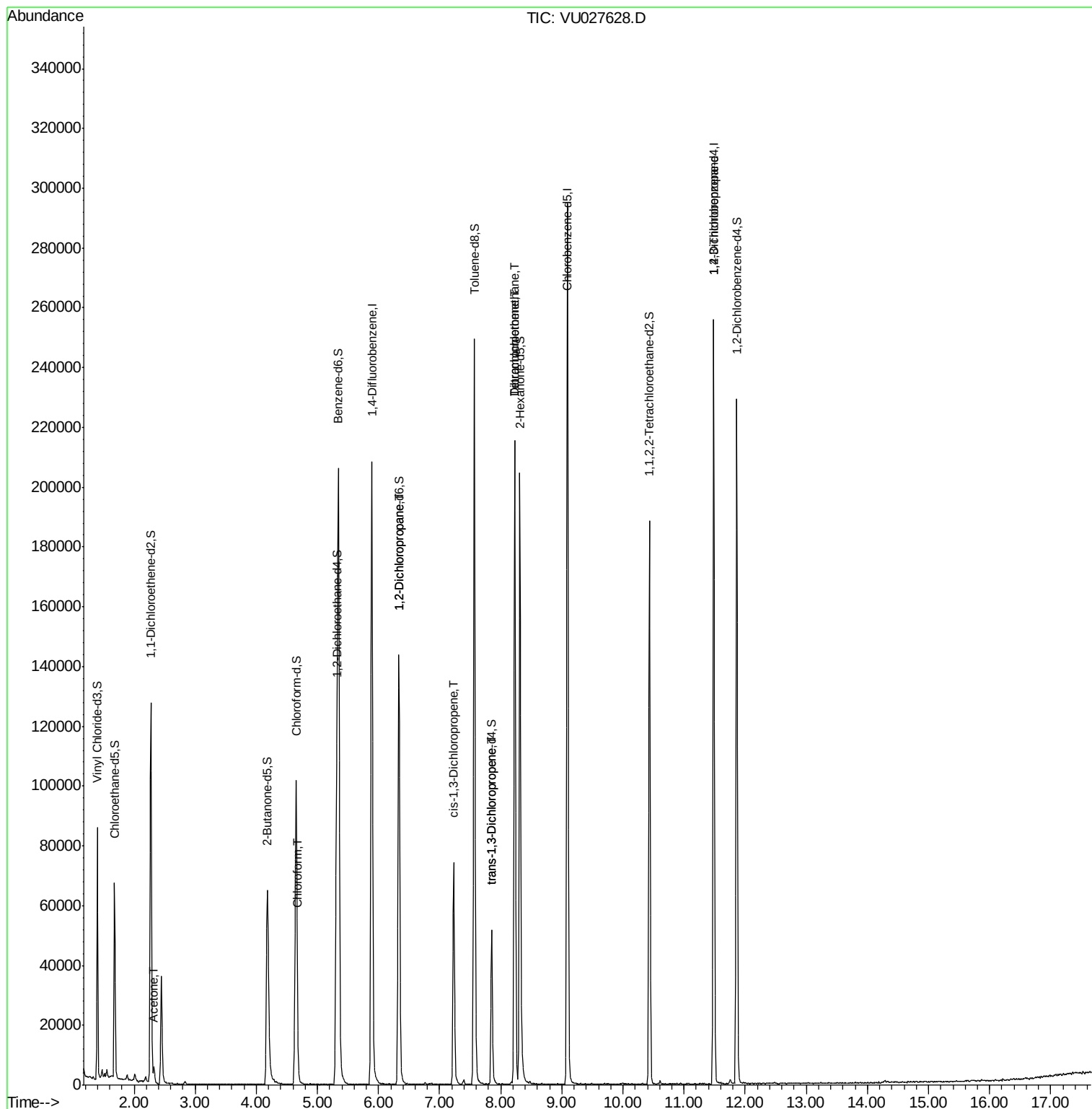
					Qvalue
13) Acetone	2.32	43	4760	5.425 ug/L	96
25) Chloroform	4.68	83	1834	0.763 ug/L	96
37) 1,2-Dichloropropane	6.33	63	7471	5.058 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1849	0.852 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1258	0.624 ug/L	83
46) Tetrachloroethene	8.23	164	48664	53.406 ug/L	99
49) Dibromochloromethane	8.23	129	46012	37.216 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8269	4.945 ug/L	94

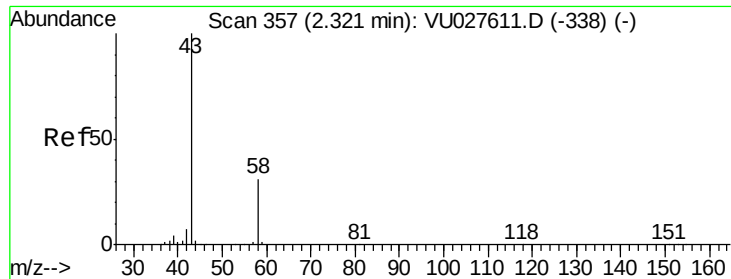
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.425 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

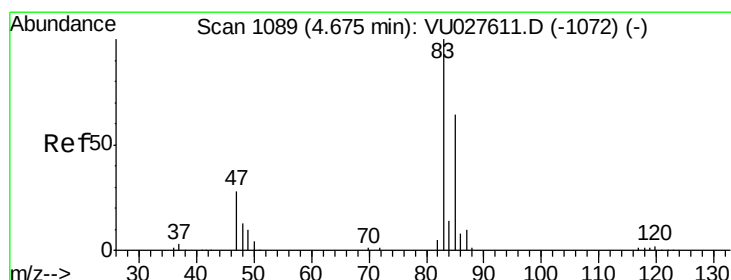
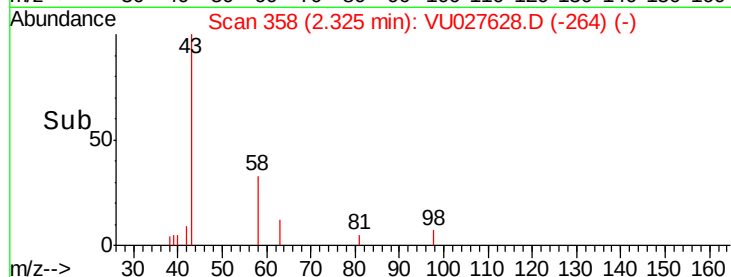
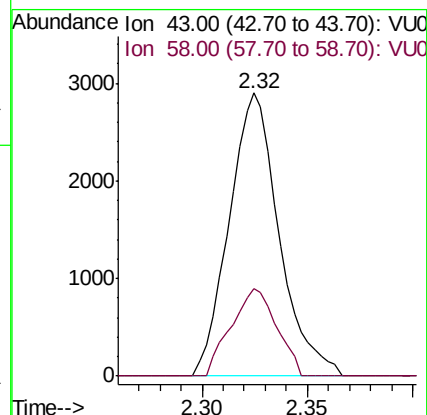
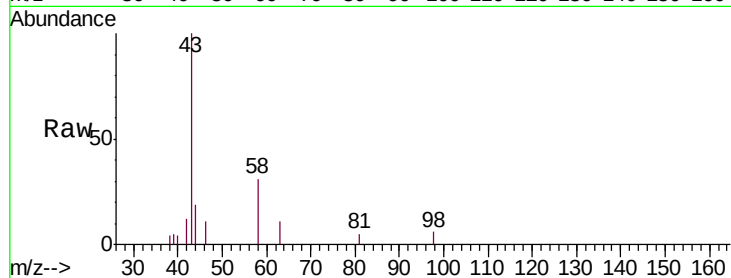
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Tgt Ion: 43 Resp: 4760

Ion Ratio Lower Upper

43 100

58 28.1 0.0 60.8



#25

Chloroform

Concen: 0.763 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU027628.D

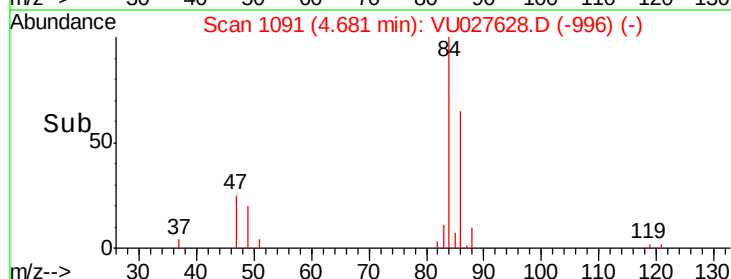
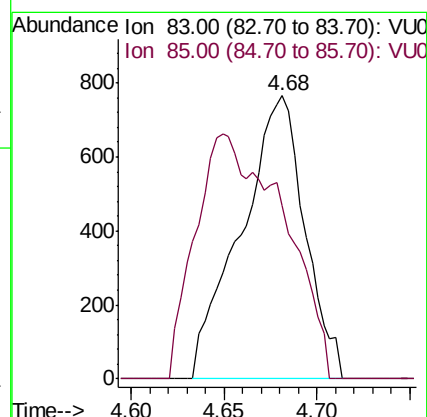
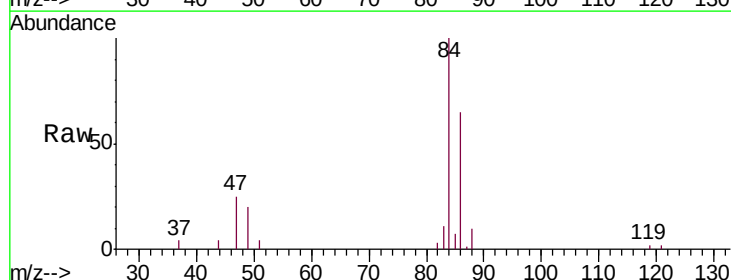
Acq: 12 Oct 2018 16:59

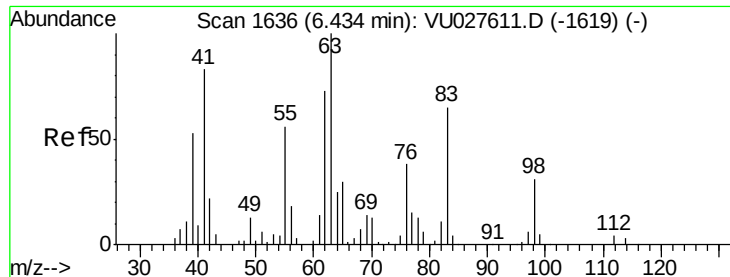
Tgt Ion: 83 Resp: 1834

Ion Ratio Lower Upper

83 100

85 61.3 45.0 83.6

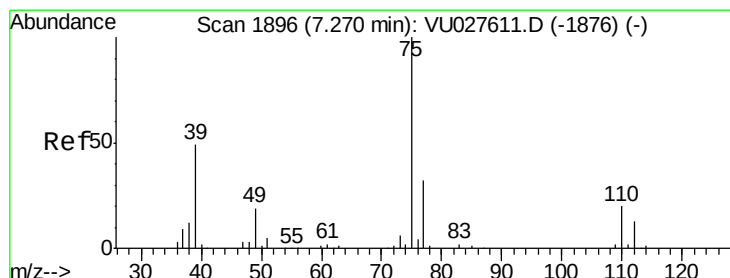
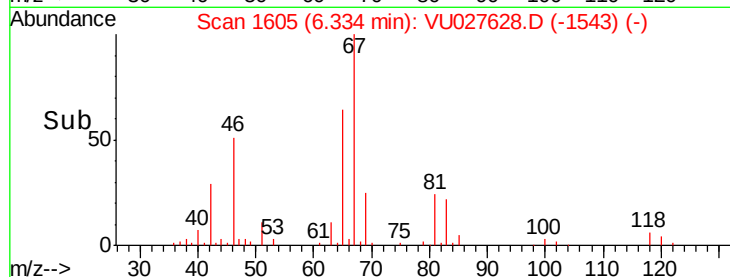
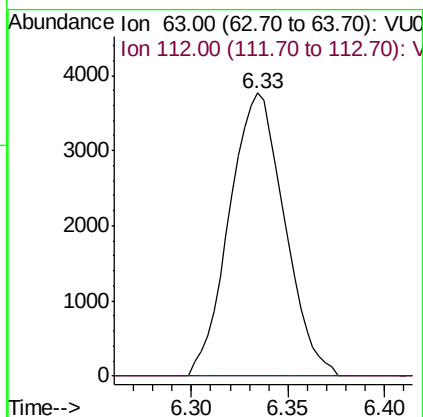
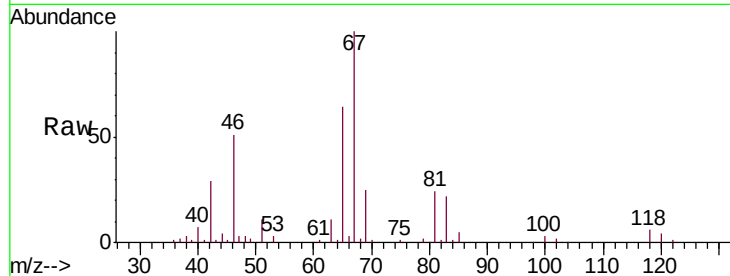




#37
 1,2-Dichloropropane
 Concen: 5.058 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027628.D
 Acq: 12 Oct 2018 16:59

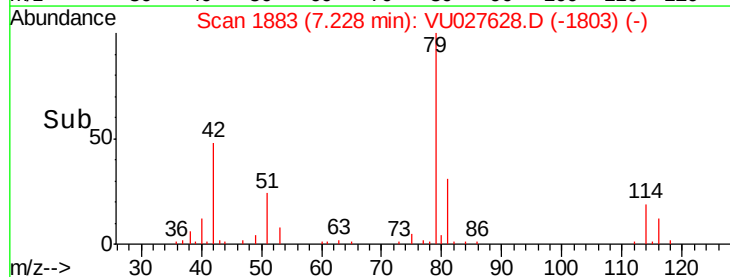
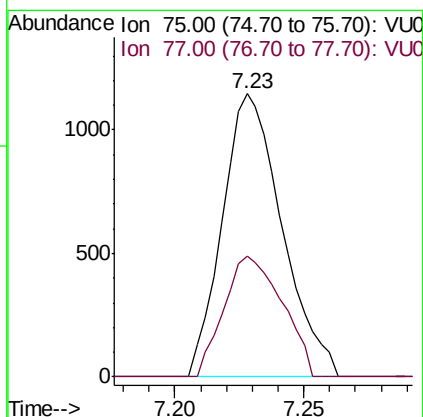
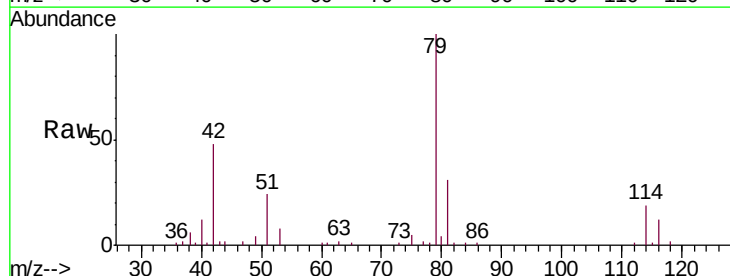
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Z9

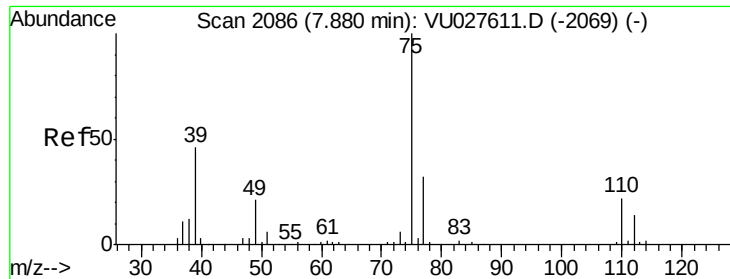
Tgt Ion: 63 Resp: 7471
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.852 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027628.D
 Acq: 12 Oct 2018 16:59

Tgt Ion: 75 Resp: 1849
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.624 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

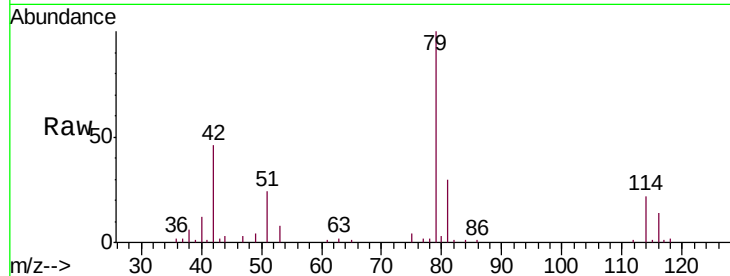
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Tgt Ion: 75 Resp: 1258

Ion Ratio Lower Upper

75 100

77 40.9 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU027611.D (-2069) (-)

Ion 77.00 (76.70 to 77.70): VU027611.D (-2069) (-)

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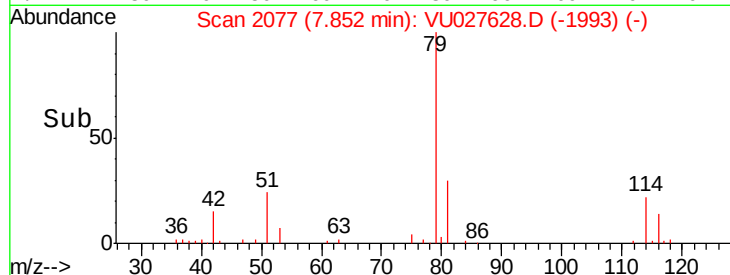
7.85

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#46

Tetrachloroethene

Concen: 53.406 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Tgt Ion:164 Resp: 48664

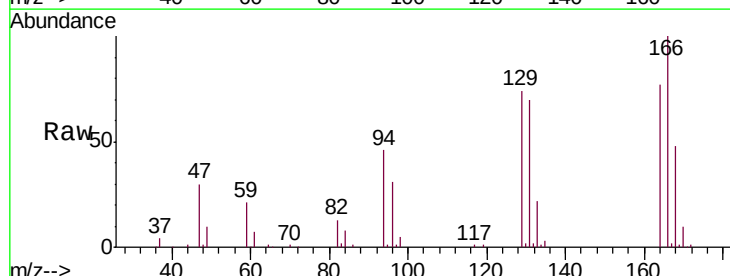
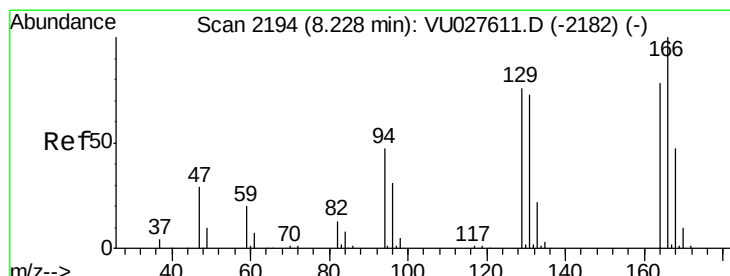
Ion Ratio Lower Upper

164 100

129 95.5 67.0 124.4

131 90.3 65.1 120.9

166 129.7 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VU027611.D (-2182) (-)

Ion 129.00 (128.70 to 129.70): VU027611.D (-2182) (-)

Ion 131.00 (130.70 to 131.70): VU027611.D (-2182) (-)

Ion 166.00 (165.70 to 166.70): VU027611.D (-2182) (-)

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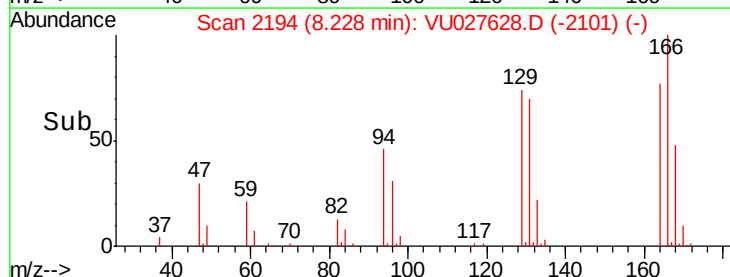
8.23

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#46

Tetrachloroethene

Concen: 53.406 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Tgt Ion:164 Resp: 48664

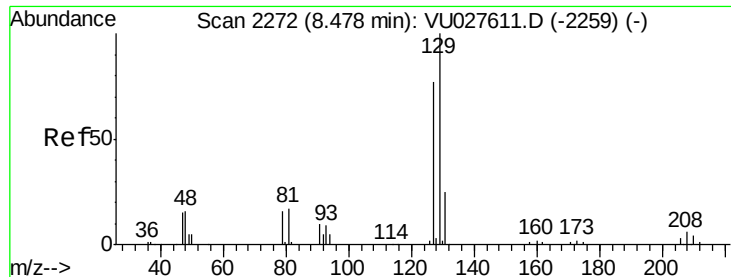
Ion Ratio Lower Upper

164 100

129 95.5 67.0 124.4

131 90.3 65.1 120.9

166 129.7 90.4 167.8



#49

Dibromochloromethane

Concen: 37.216 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Instrument :

MSVOA_U

ClientSampleId :

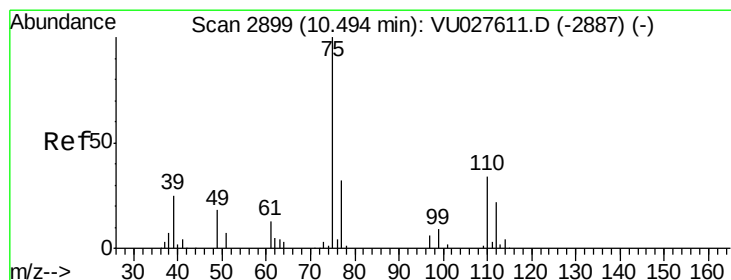
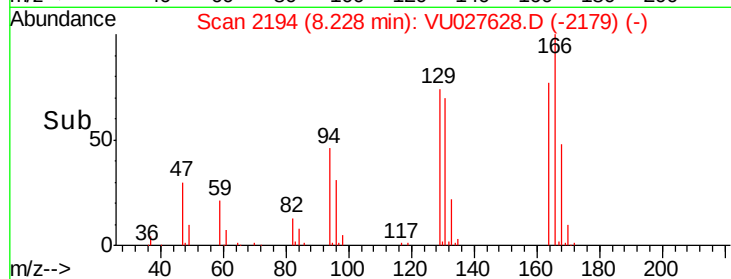
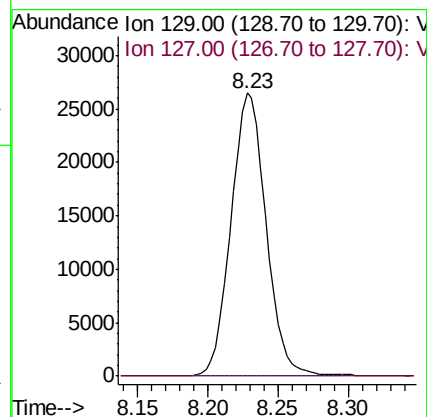
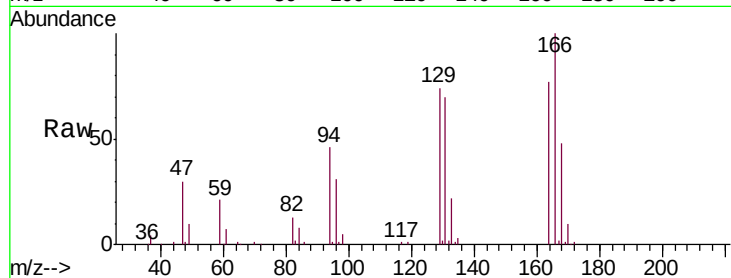
C08Z9

Tgt Ion:129 Resp: 46012

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#59

1,2,3-Trichloropropane

Concen: 4.945 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027628.D

Acq: 12 Oct 2018 16:59

Tgt Ion: 75 Resp: 8269

Ion Ratio Lower Upper

75 100

77 35.7 25.7 38.5

