

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028126.D
 Acq On : 14 Nov 2018 17:24
 Operator : MD/SY
 Sample : J5948-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C16

Quant Time: Nov 15 04:29:50 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	144936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64095	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56728	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	45707	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.28	63	79629	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.19	46	182223	52.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	4.65	84	93094	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	53590	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.34	84	197027	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	70545	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.57	98	173248	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	23262	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.31	63	141806	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	49505	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	57645	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

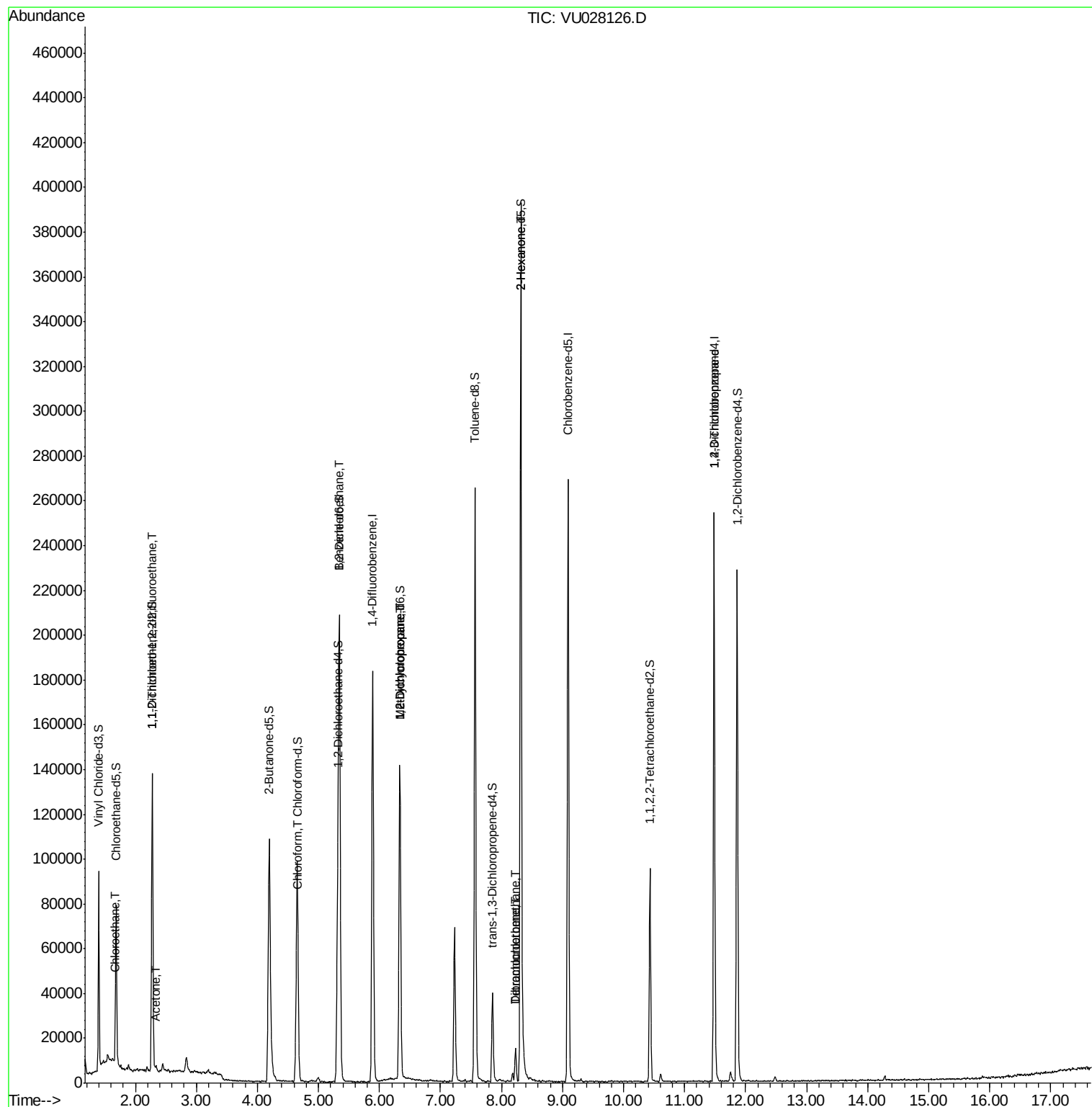
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.66	64	1570	0.168	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	634	0.067	ug/L #	20
13) Acetone	2.32	43	1522	0.648	ug/L	82
25) Chloroform	4.67	83	1425	0.074	ug/L	80
27) 1,2-Dichloroethane	5.35	62	1057	0.083	ug/L #	76
35) Methylcyclohexane	6.33	83	14446	0.724	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7220	0.556	ug/L #	92
47) Tetrachloroethene	8.23	164	3252	0.344	ug/L	87
48) 2-Hexanone	8.31	43	17723	2.784	ug/L #	68
49) Dibromochloromethane	8.23	129	2956	0.354	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9075	1.244	ug/L	94

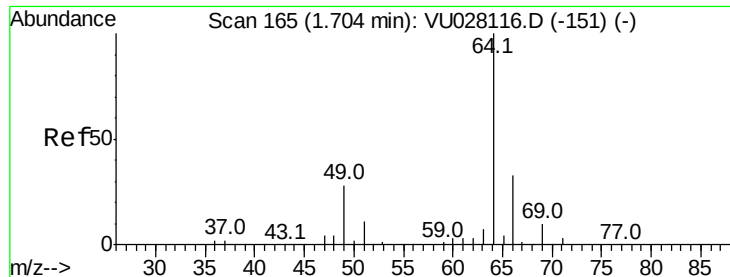
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.168 ug/L

RT: 1.66 min Scan# 152

Delta R.T. -0.04 min

Lab File: VU028126.D

Acq: 14 Nov 2018 17:24

Instrument :

MSVOA_U

ClientSampled :

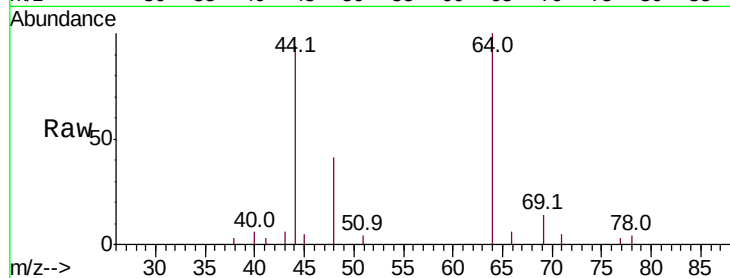
F9C16

Tot Ion: 64 Resp: 1570

Ion Ratio Lower Upper

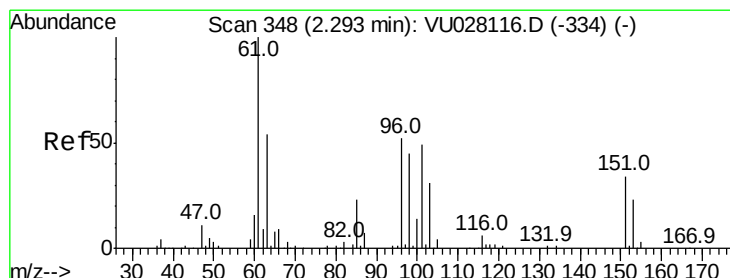
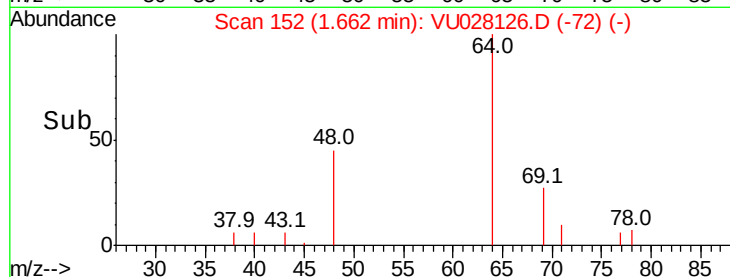
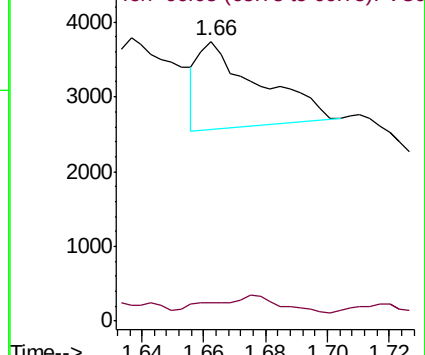
64 100

66 6.4 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#10

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

Concen: 0.067 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028126.D

Acq: 14 Nov 2018 17:24

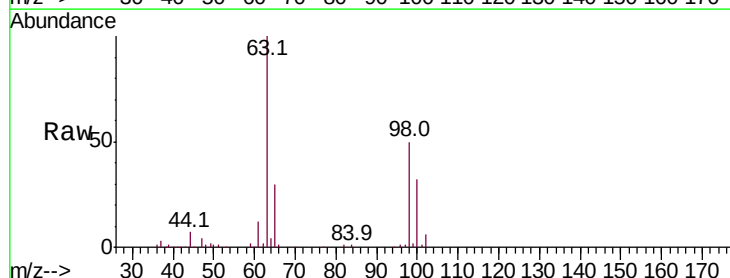
Tgt Ion:101 Resp: 634

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

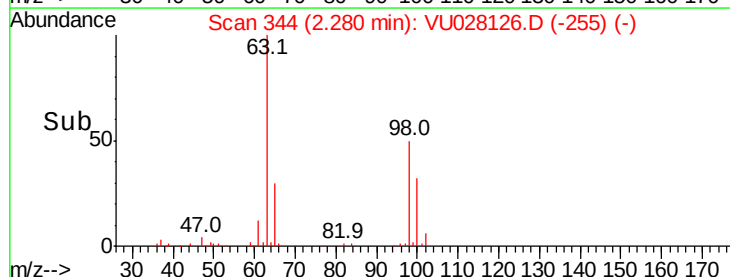
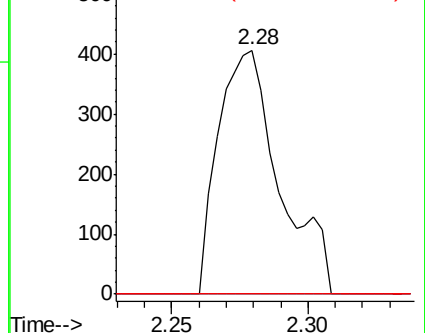
151 0.0 58.2 87.2#

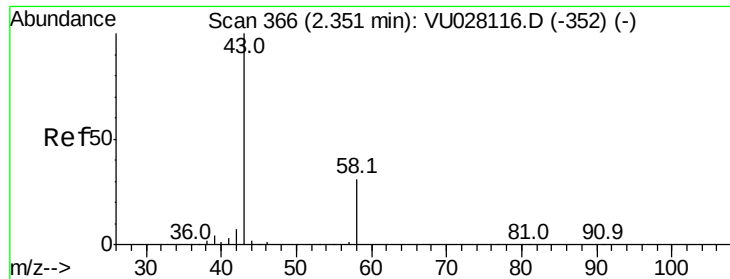


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 0.648 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028126.D

Acq: 14 Nov 2018 17:24

Instrument :

MSVOA_U

ClientSampled :

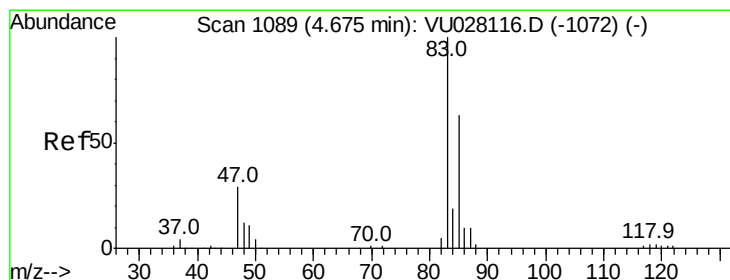
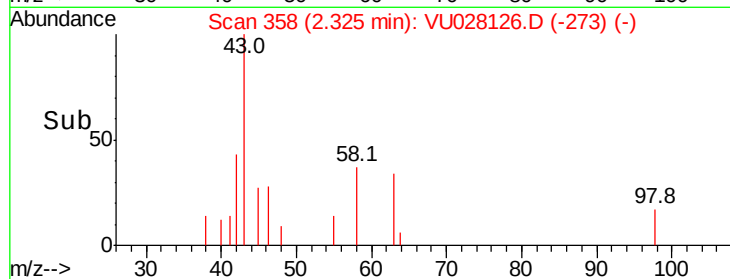
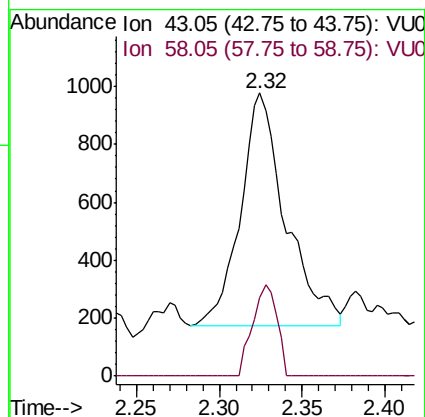
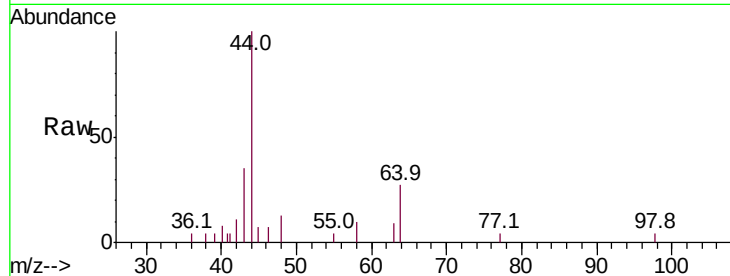
F9C16

Tot Ion: 43 Resp: 1522

Ion Ratio Lower Upper

43 100

58 21.0 0.0 61.6



#25

Chloroform

Concen: 0.074 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU028126.D

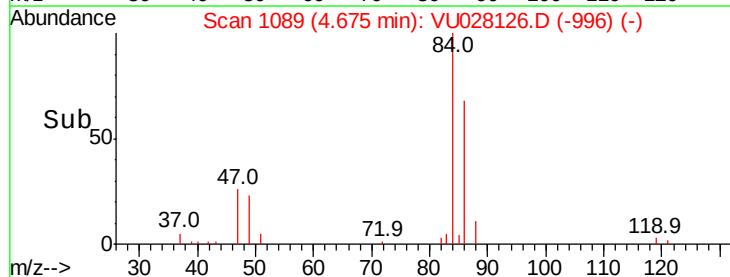
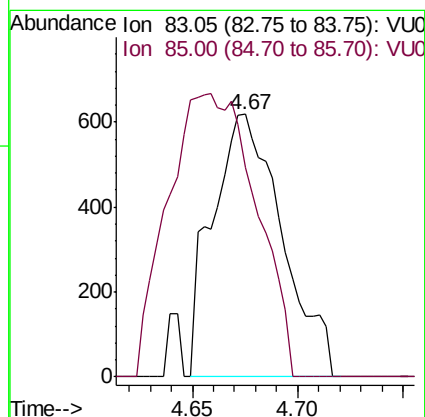
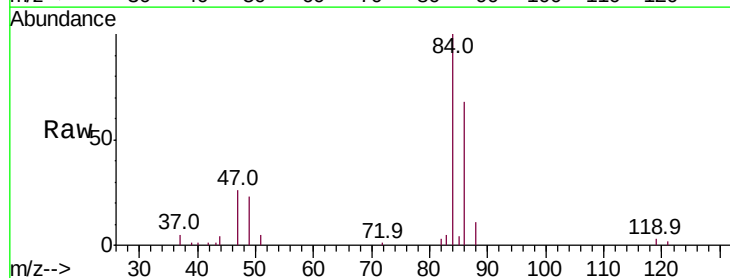
Acq: 14 Nov 2018 17:24

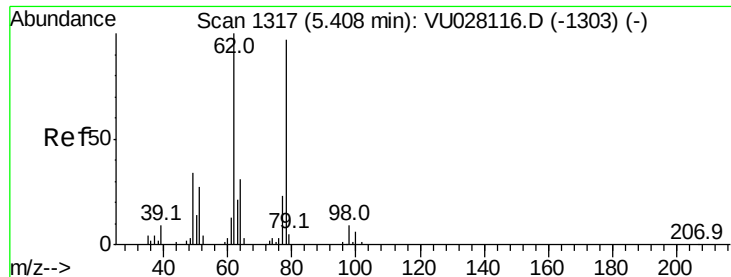
Tgt Ion: 83 Resp: 1425

Ion Ratio Lower Upper

83 100

85 79.8 45.0 83.6

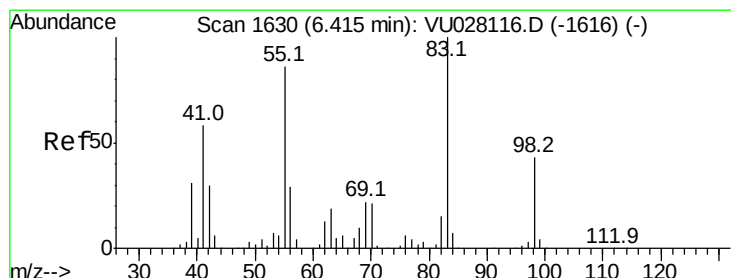
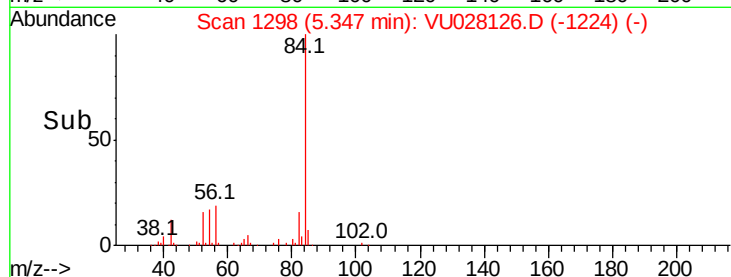
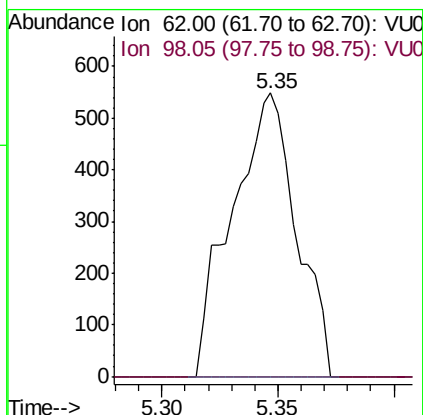
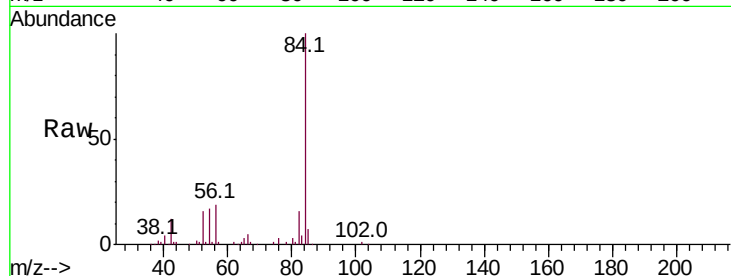




#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.35 min Scan# 1298
Delta R.T. -0.06 min
Lab File: VU028126.D
Acq: 14 Nov 2018 17:24

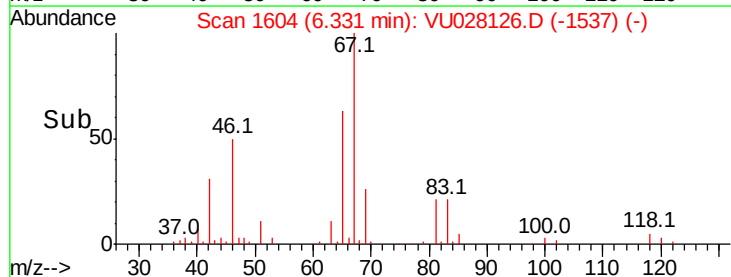
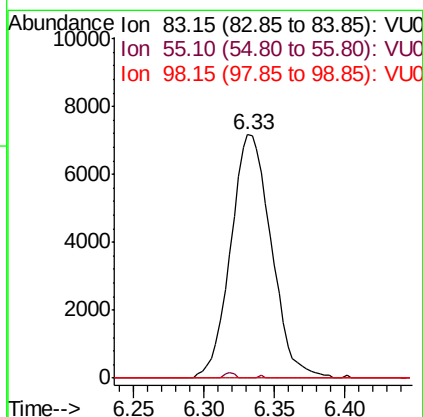
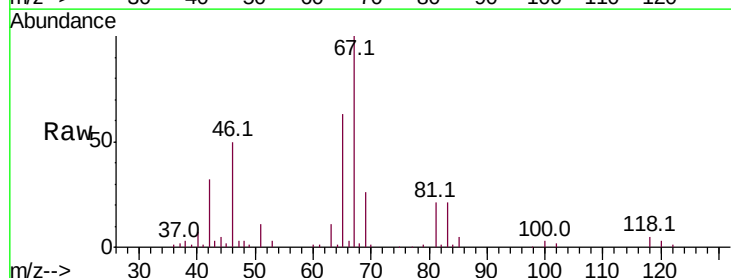
Instrument :
MSVOA_U
ClientSampled :
F9C16

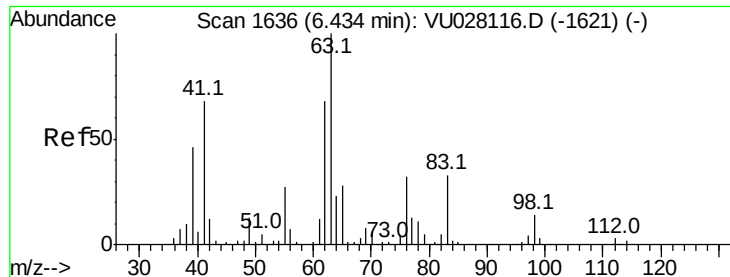
Tot Ion: 62 Resp: 1057
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028126.D
Acq: 14 Nov 2018 17:24

Tgt Ion: 83 Resp: 14446
Ion Ratio Lower Upper
83 100
55 0.1 69.0 103.4#
98 0.0 33.3 49.9#

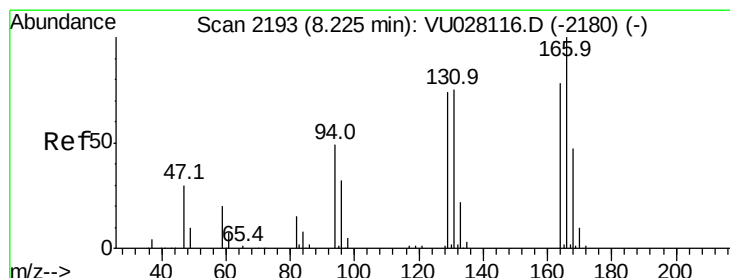
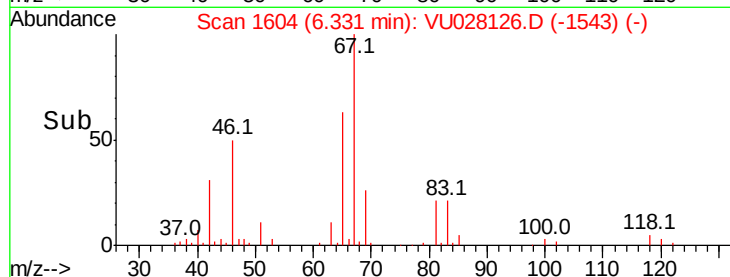
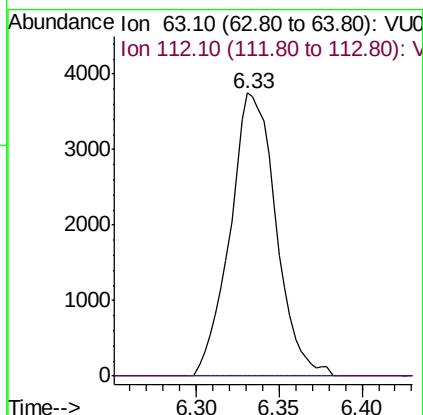
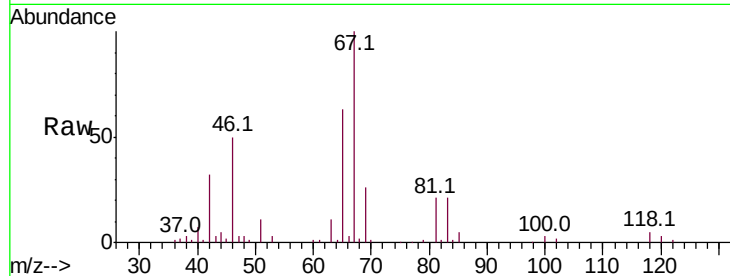




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028126.D
 Acq: 14 Nov 2018 17:24

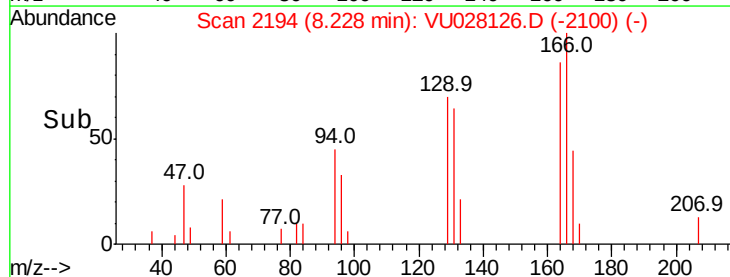
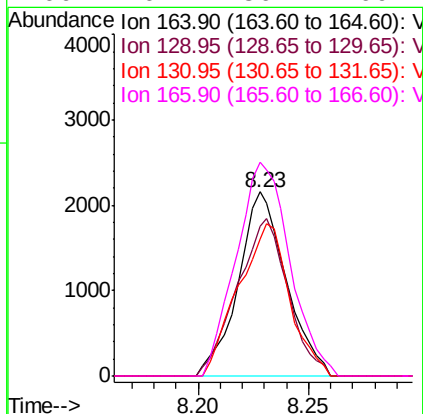
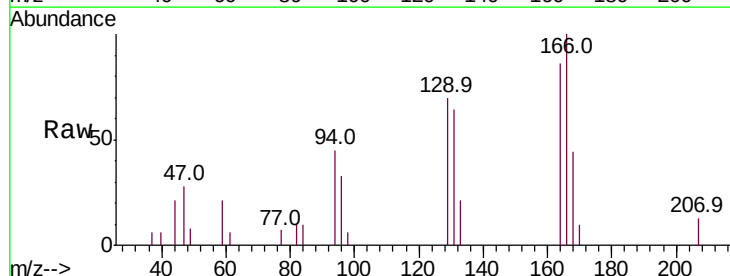
Instrument :
 MSVOA_U
 ClientSampled :
 F9C16

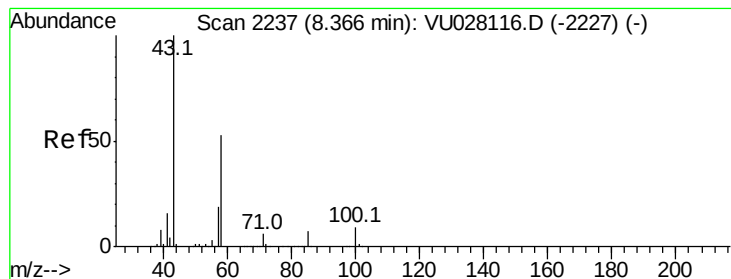
Tot Ion: 63 Resp: 7220
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#47
 Tetrachloroethene
 Concen: 0.344 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU028126.D
 Acq: 14 Nov 2018 17:24

Tgt Ion:164 Resp: 3252
 Ion Ratio Lower Upper
 164 100
 129 81.6 69.7 129.4
 131 74.5 64.0 118.8
 166 116.2 86.4 160.4





#48

2-Hexanone

Concen: 2.784 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU028126.D

Acq: 14 Nov 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

F9C16

Tot Ion: 43 Resp: 17723

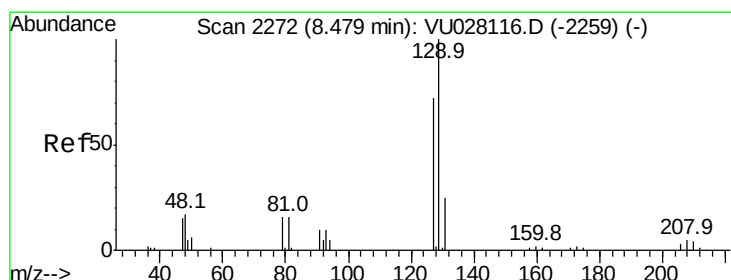
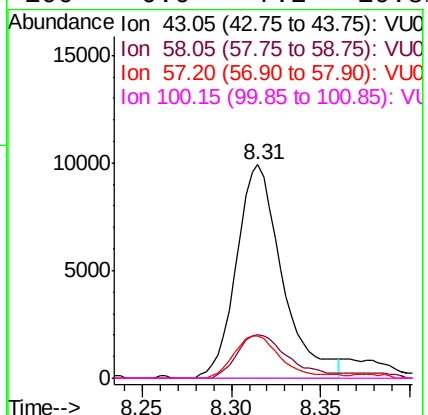
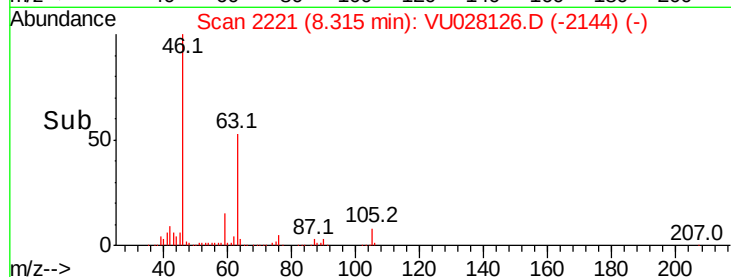
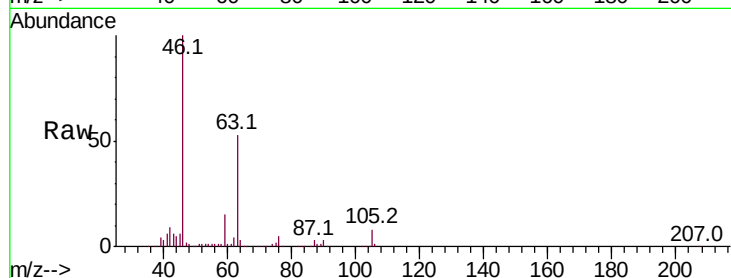
Ion Ratio Lower Upper

43 100

58 23.2 41.7 62.5#

57 20.7 14.0 21.0

100 0.0 7.2 10.8#



#49

Dibromochloromethane

Concen: 0.354 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU028126.D

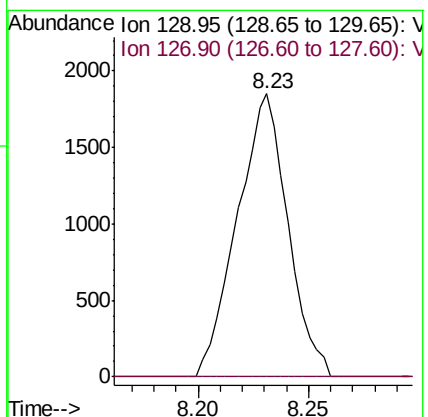
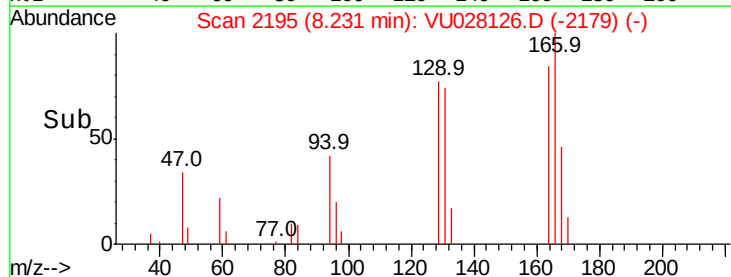
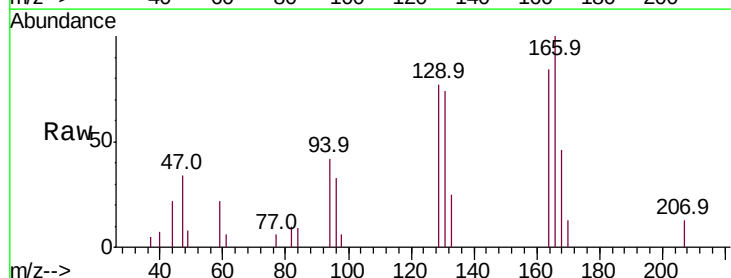
Acq: 14 Nov 2018 17:24

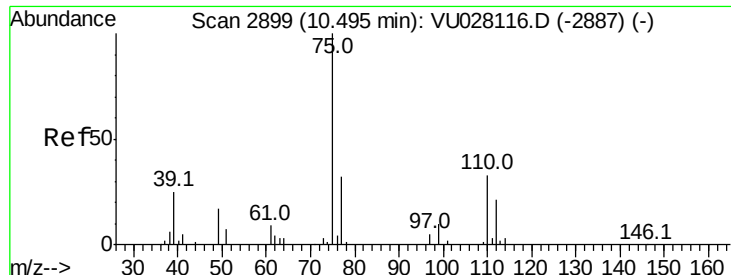
Tgt Ion: 129 Resp: 2956

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.244 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028126.D

Acq: 14 Nov 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

F9C16

Tot Ion: 75 Resp: 9075

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0

