

Data File : VU027827.D
Acq On : 26 Oct 2018 12:46
Operator : MD/SY
Sample : J5668-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBP7

Quant Time: Oct 27 01:45:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	106700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30091	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.50%
7) Chloroethane-d5	1.68	69	24944	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.27	63	44820	29.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.96%#
21) 2-Butanone-d5	4.18	46	65099	92.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.01%
24) Chloroform-d	4.65	84	62190	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.34%
26) 1,2-Dichloroethane-d4	5.31	65	46058	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
32) Benzene-d6	5.34	84	119424	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.56%
36) 1,2-Dichloropropane-d6	6.33	67	44086	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.36%
41) Toluene-d8	7.57	98	107292	40.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.85	79	20749	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.72%
47) 2-Hexanone-d5	8.31	63	48579	91.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57840	43.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	43405	41.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.96%

Target Compounds

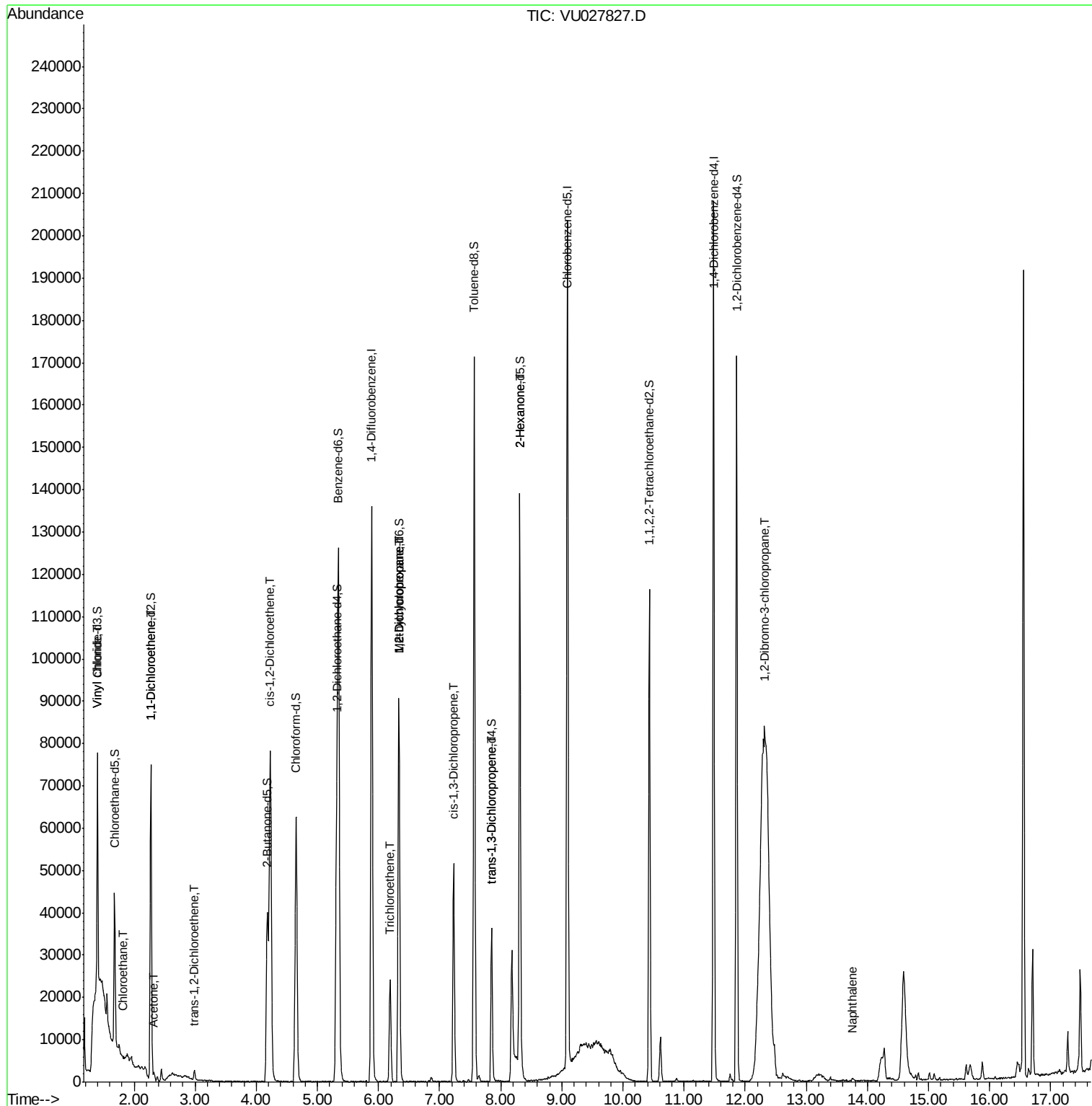
						Qvalue
5) Vinyl chloride	1.40	62	4739	4.918	ug/L #	1
8) Chloroethane	1.83	64	307	0.590	ug/L #	51
12) 1,1-Dichloroethene	2.28	96	346	0.582	ug/L #	1
13) Acetone	2.32	43	1781	3.614	ug/L	88
17) trans-1,2-Dichloroethene	2.98	96	772	1.174	ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	39097	50.250	ug/L	97
34) Trichloroethene	6.19	95	8753	11.568	ug/L	95
35) Methylcyclohexane	6.33	83	9415	7.195	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4887	5.473	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1122	0.816	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	848	0.652	ug/L	84
48) 2-Hexanone	8.31	43	5936	5.333	ug/L #	69
66) 1,2-Dibromo-3-chloropropan	12.32	75	2650	8.170	ug/L #	33
69) Naphthalene	13.75	128	1319	0.393	ug/L #	68

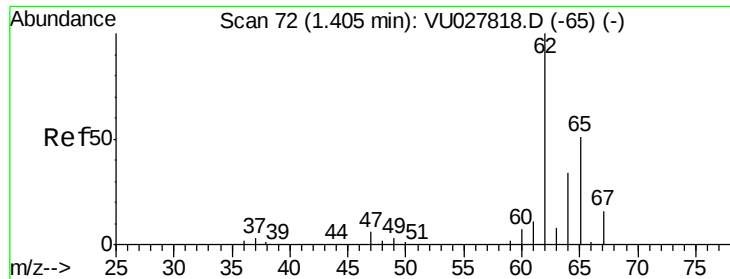
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.918 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

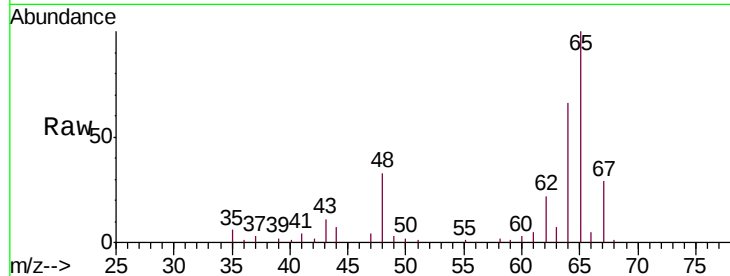
ETBP7

Tgt Ion: 62 Resp: 4739

Ion Ratio Lower Upper

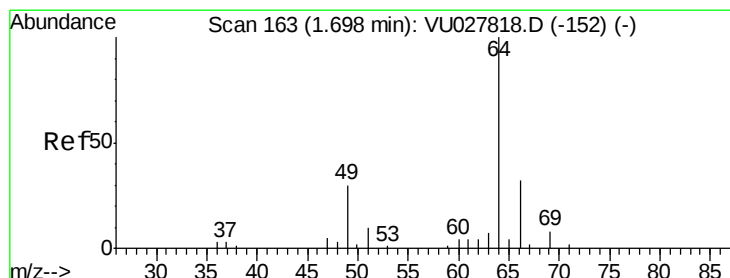
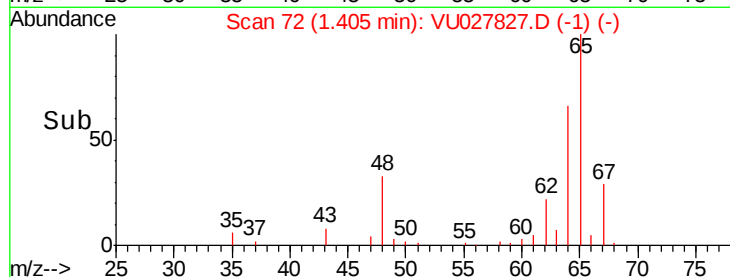
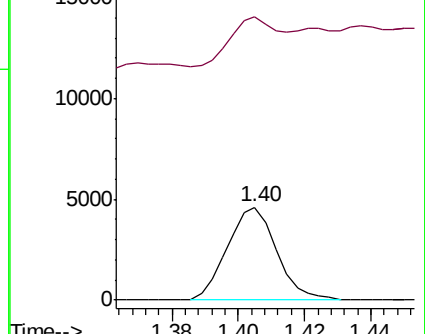
62 100

64 305.1 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#8

Chloroethane

Concen: 0.590 ug/L

RT: 1.83 min Scan# 204

Delta R.T. 0.13 min

Lab File: VU027827.D

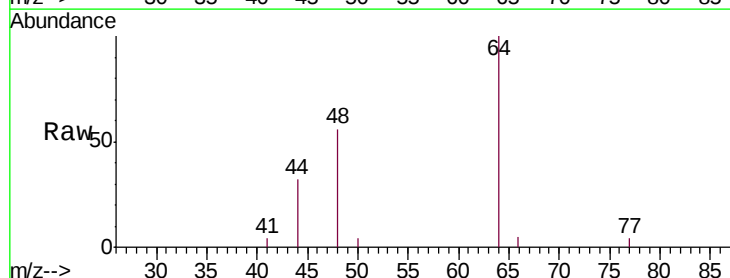
Acq: 26 Oct 2018 12:46

Tgt Ion: 64 Resp: 307

Ion Ratio Lower Upper

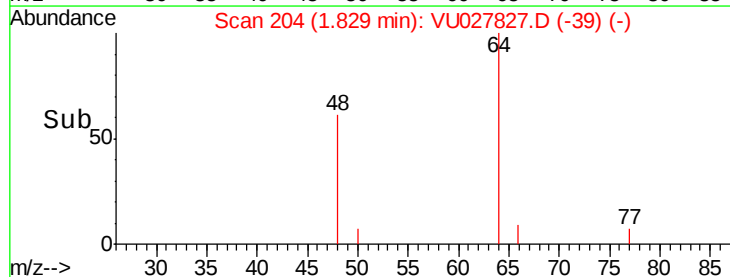
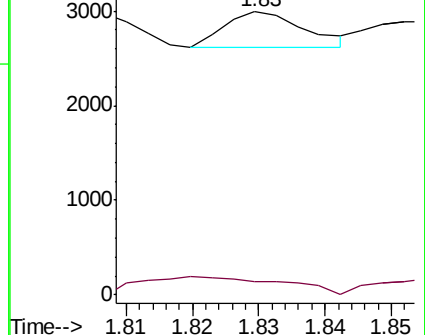
64 100

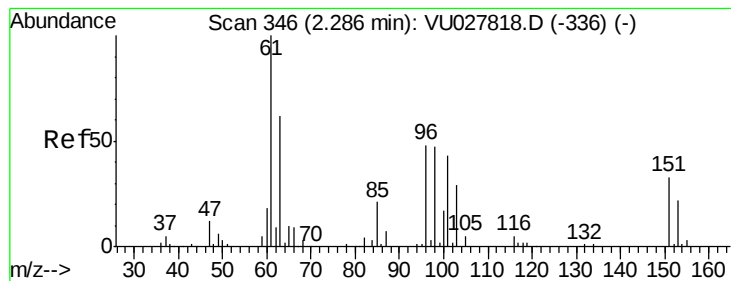
66 4.8 22.6 42.0#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#12

1,1-Dichloroethene

Concen: 0.582 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

ETBP7

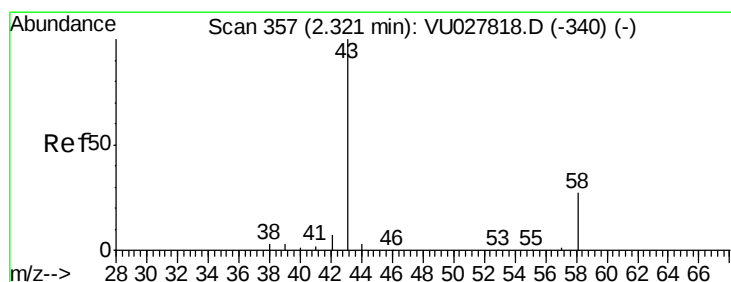
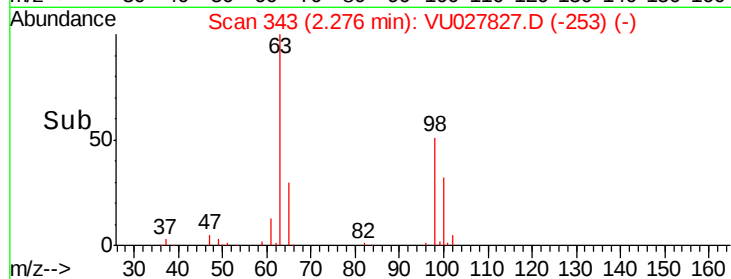
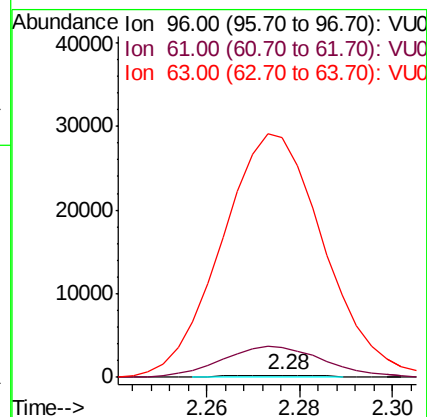
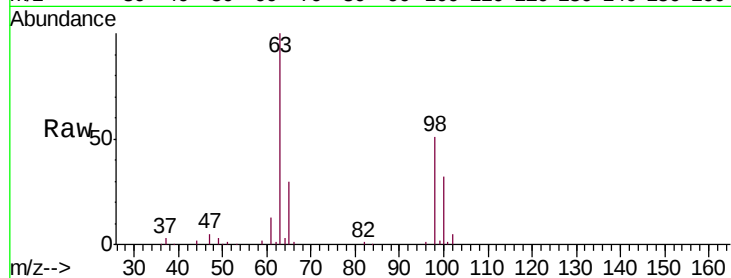
Tgt Ion: 96 Resp: 346

Ion Ratio Lower Upper

96 100

61 1368.3 137.3 255.1#

63 10810.6 109.8 204.0#



#13

Acetone

Concen: 3.614 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027827.D

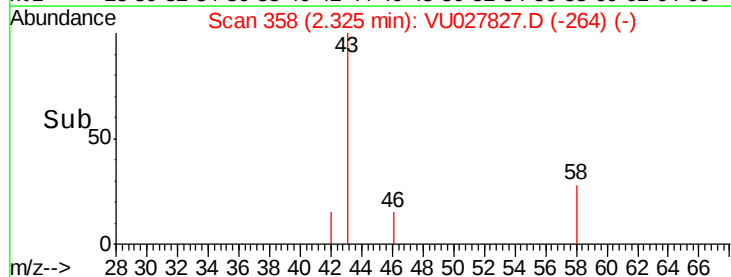
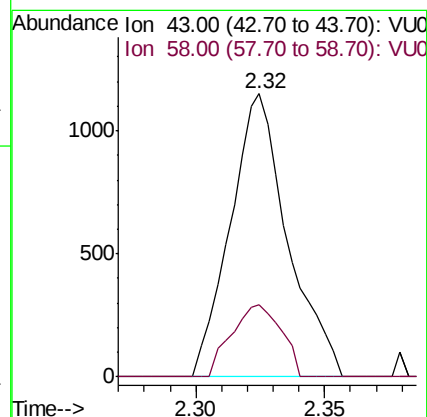
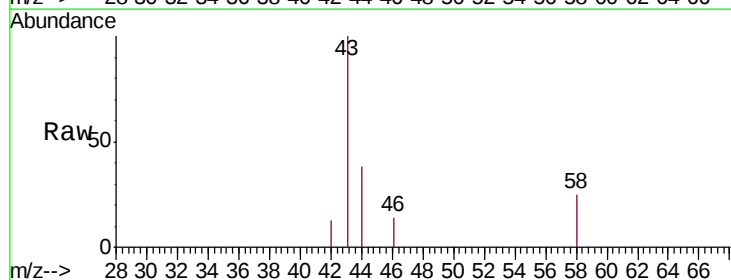
Acq: 26 Oct 2018 12:46

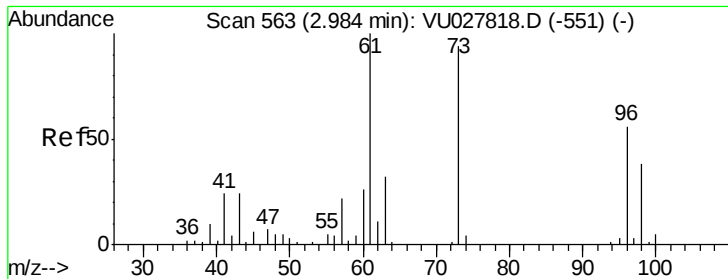
Tgt Ion: 43 Resp: 1781

Ion Ratio Lower Upper

43 100

58 22.2 0.0 57.4





#17

trans-1,2-Dichloroethene

Concen: 1.174 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

ETBP7

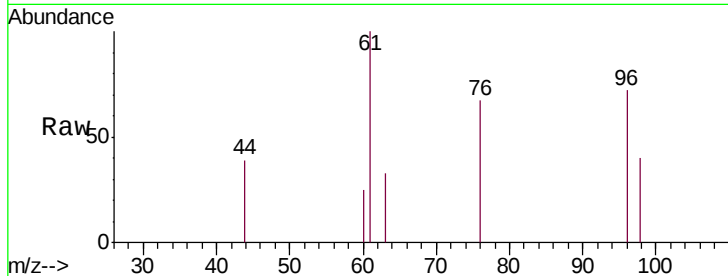
Tgt Ion: 96 Resp: 772

Ion Ratio Lower Upper

96 100

61 138.1 114.7 212.9

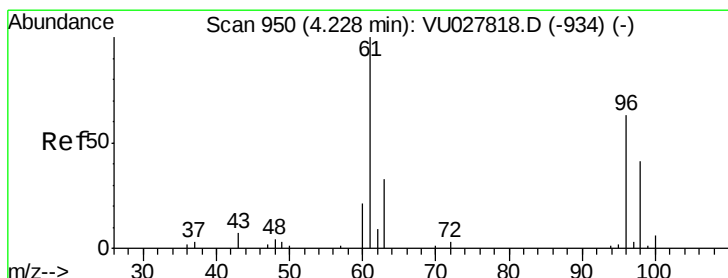
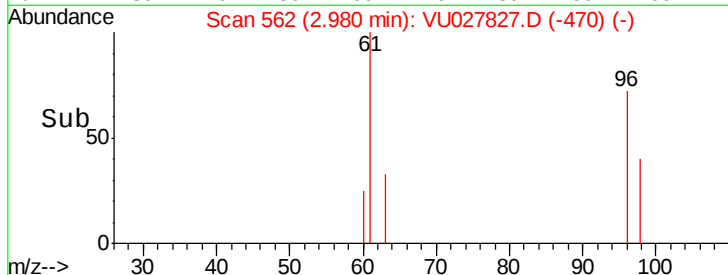
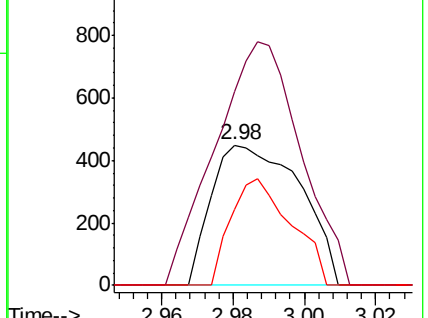
98 54.6 42.2 78.4



Abundance Ion 96.00 (95.70 to 96.70): VU027818.D (-551) (-)

Ion 61.00 (60.70 to 61.70): VU027818.D (-551) (-)

Ion 98.00 (97.70 to 98.70): VU027818.D (-551) (-)



#20

cis-1,2-Dichloroethene

Concen: 50.250 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

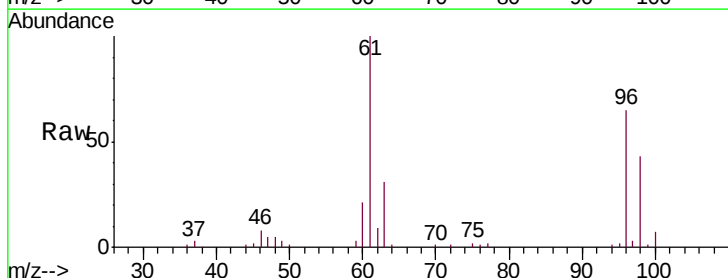
Tgt Ion: 96 Resp: 39097

Ion Ratio Lower Upper

96 100

61 153.0 104.2 193.4

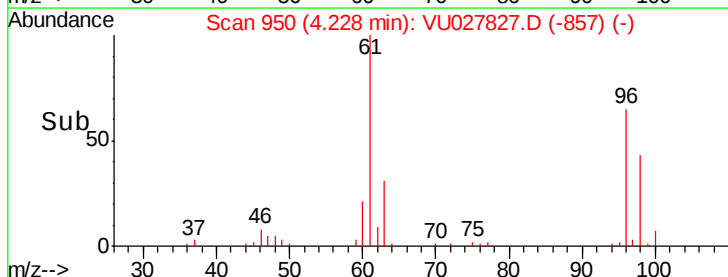
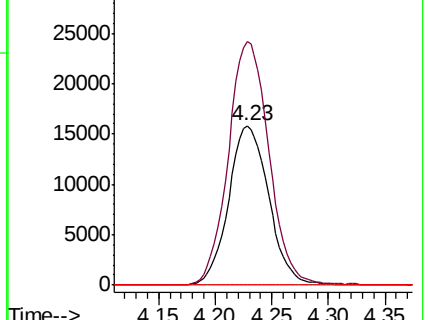
68 0.0 0.0 0.0

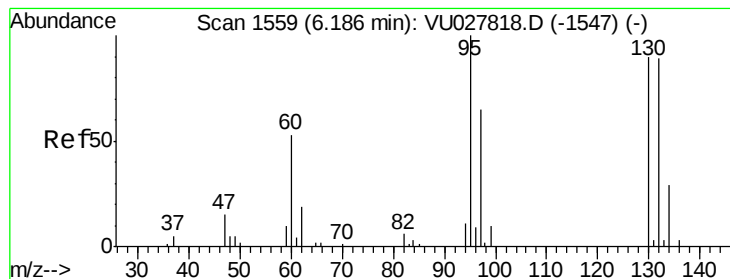


Abundance Ion 96.00 (95.70 to 96.70): VU027818.D (-934) (-)

Ion 61.00 (60.70 to 61.70): VU027818.D (-934) (-)

Ion 68.00 (67.70 to 68.70): VU027818.D (-934) (-)





#34

Trichloroethene

Concen: 11.568 ug/L

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

Instrument :

MSVOA_U

ClientSampleId :

ETBP7

Tgt Ion: 95 Resp: 8753

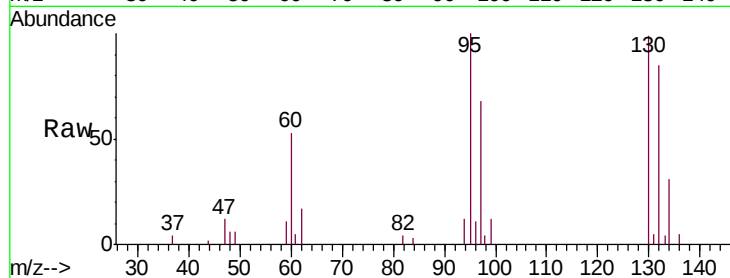
Ion Ratio Lower Upper

95 100

97 67.7 45.8 85.2

132 85.1 62.1 115.3

130 99.3 65.0 120.6

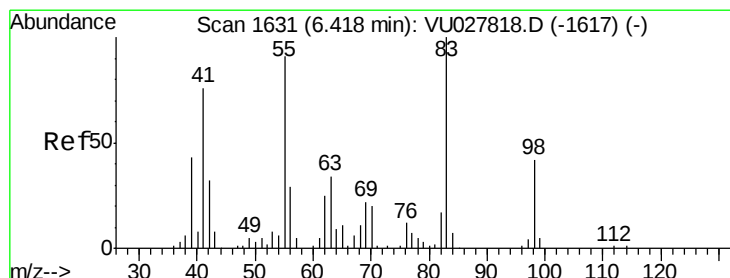
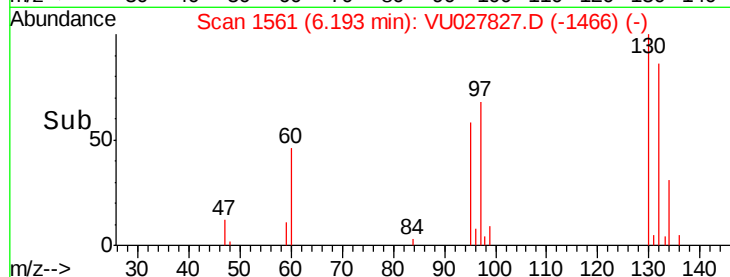
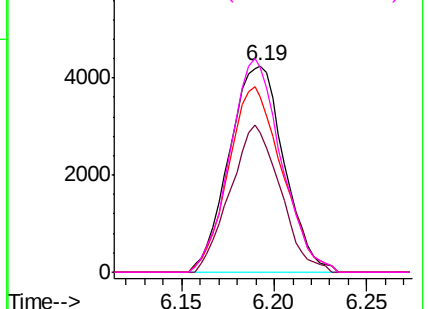


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.195 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU027827.D

Acq: 26 Oct 2018 12:46

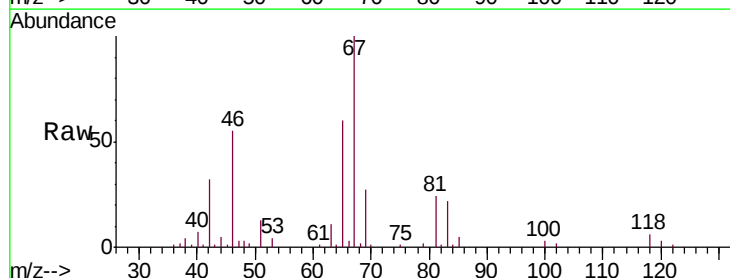
Tgt Ion: 83 Resp: 9415

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

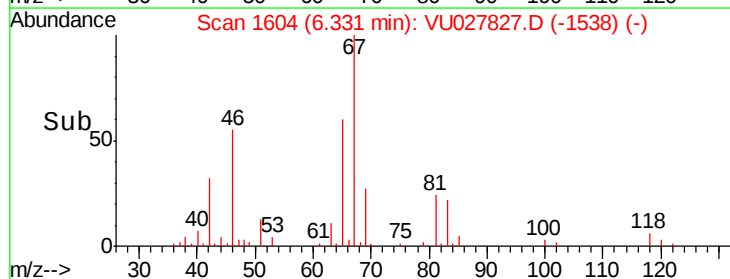
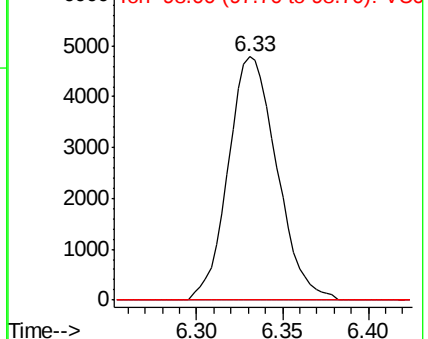
98 1.3 34.6 52.0#

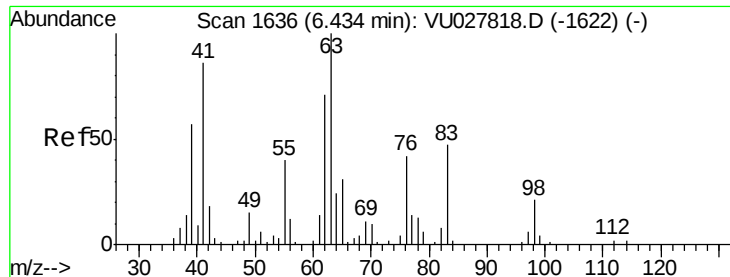


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

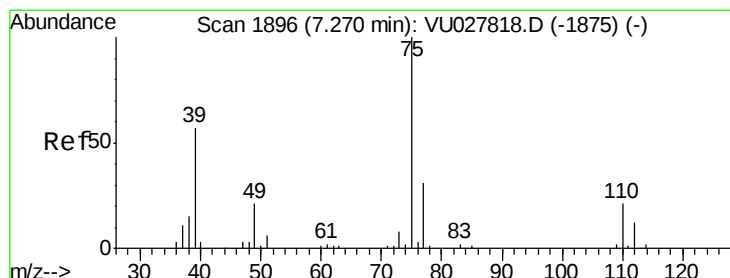
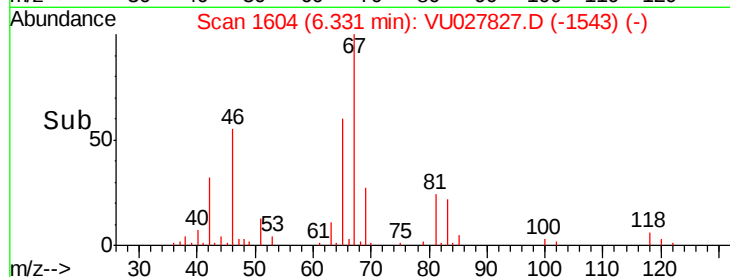
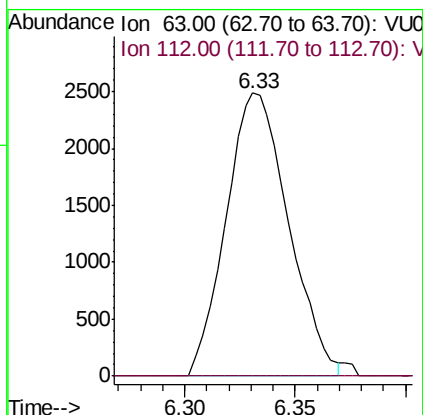
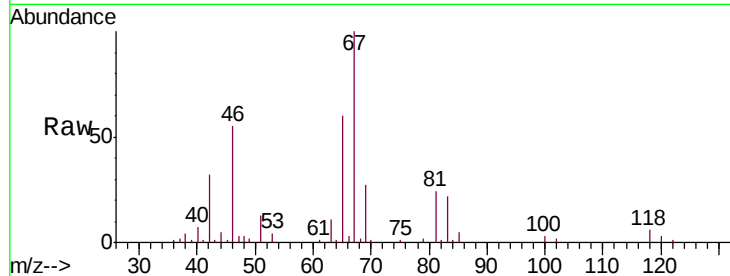




#37
 1,2-Dichloropropane
 Concen: 5.473 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027827.D
 Acq: 26 Oct 2018 12:46

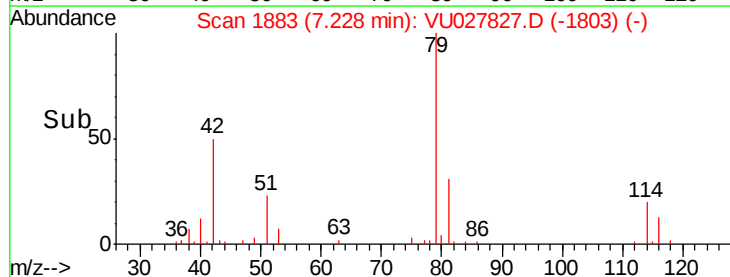
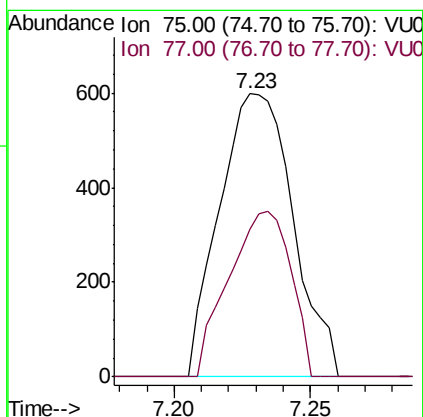
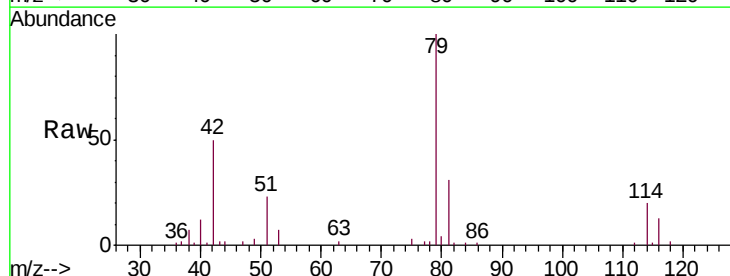
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP7

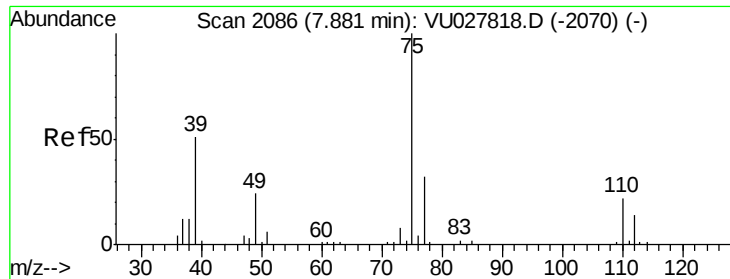
Tgt Ion: 63 Resp: 4887
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.816 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027827.D
 Acq: 26 Oct 2018 12:46

Tgt Ion: 75 Resp: 1122
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.5 41.7#

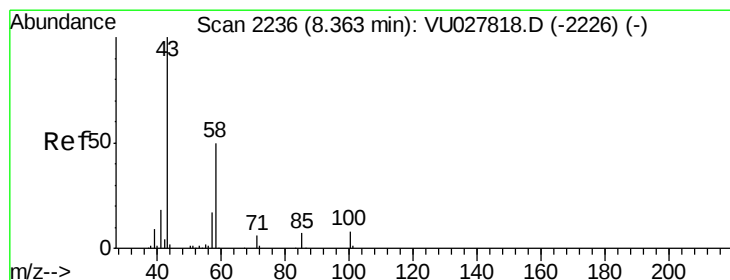
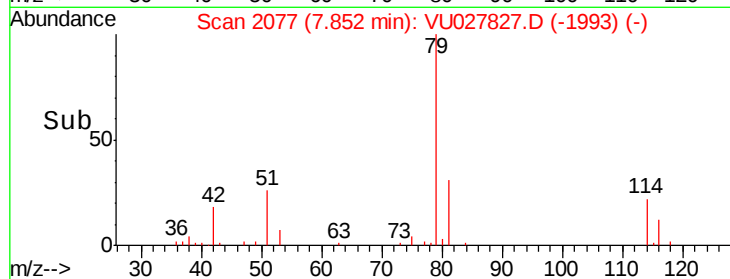
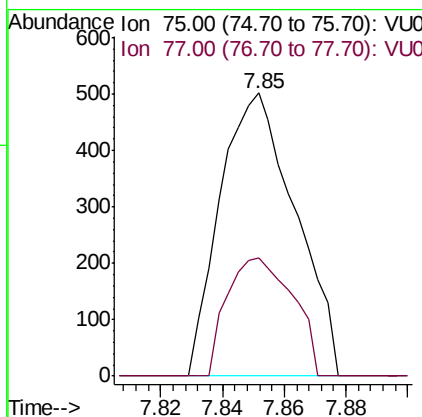
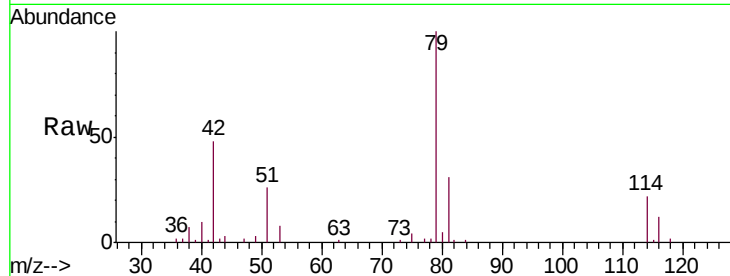




#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027827.D
Acq: 26 Oct 2018 12:46

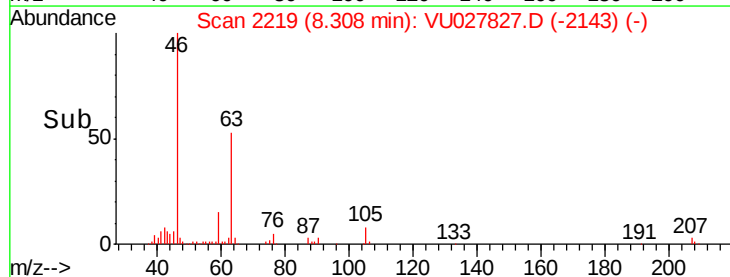
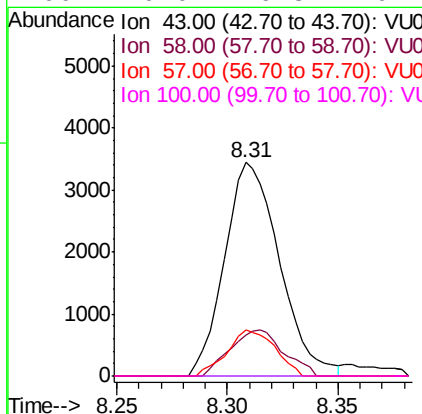
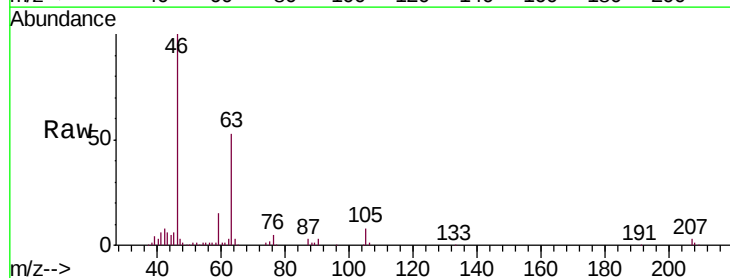
Instrument :
MSVOA_U
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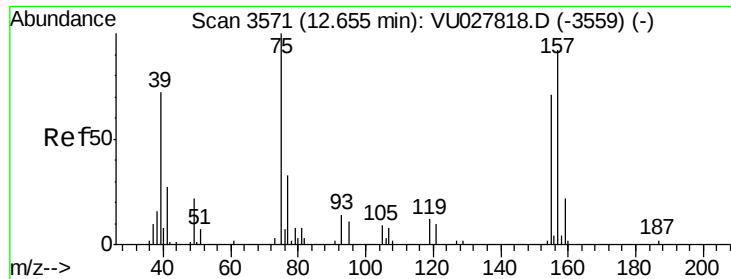
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 41.6 22.8 42.4



#48
2-Hexanone
Concen: 5.333 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU027827.D
Acq: 26 Oct 2018 12:46

Tgt Ion: 43 Resp: 5936
Ion Ratio Lower Upper
43 100
58 20.9 38.8 58.2#
57 18.8 13.1 19.7
100 0.0 6.8 10.2#

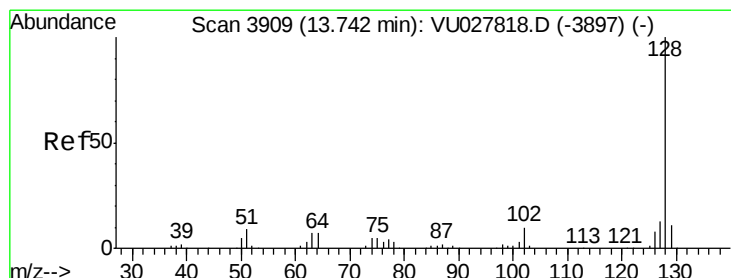
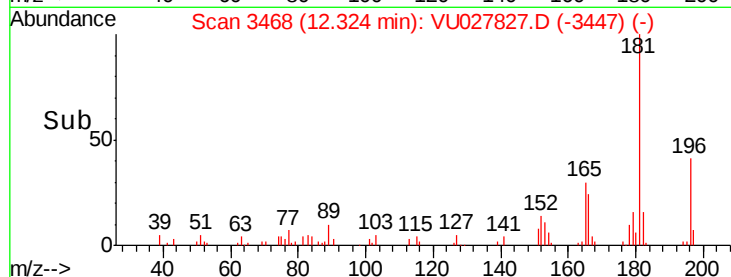
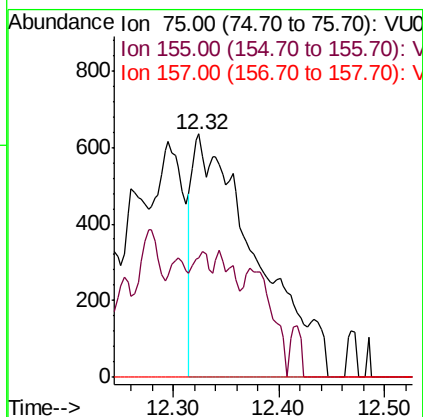
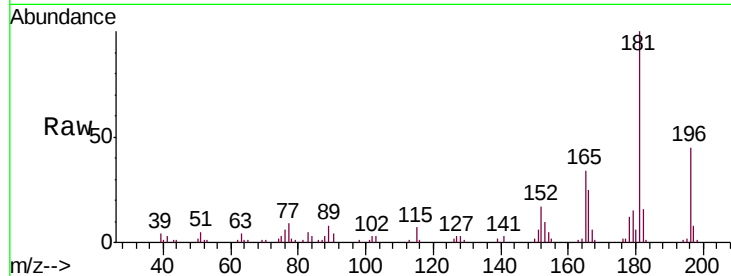




#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.170 ug/L
 RT: 12.32 min Scan# 3468
 Delta R.T. -0.33 min
 Lab File: VU027827.D
 Acq: 26 Oct 2018 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP7

Tgt Ion: 75 Resp: 2650
 Ion Ratio Lower Upper
 75 100
 155 49.1 57.4 86.2#
 157 0.0 75.9 113.9#



#69
 Naphthalene
 Concen: 0.393 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU027827.D
 Acq: 26 Oct 2018 12:46

Tgt Ion: 128 Resp: 1319
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.7 13.1#

