

Data File : VU027515.D
Acq On : 08 Oct 2018 21:30
Operator : MD/SY
Sample : J5298-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W8

Quant Time: Oct 09 05:24:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174477	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51242	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.68	69	43650	41.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.52%
11) 1,1-Dichloroethene-d2	2.27	63	72250	28.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.10%#
21) 2-Butanone-d5	4.18	46	129291	116.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.64%
24) Chloroform-d	4.65	84	105810	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.31	65	75705	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.34	84	203929	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	78531	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.57	98	168964	40.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.56%
43) trans-1,3-Dichloropropene-	7.85	79	32505	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.98%
47) 2-Hexanone-d5	8.31	63	91608	114.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110496	53.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	68937	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

						Qvalue
8) Chloroethane	1.40	64	4188	3.597	ug/L	92
13) Acetone	2.32	43	2074	2.281	ug/L	87
33) Benzene	5.39	78	14117	2.656	ug/L	100
34) Trichloroethene	6.30	95	589	0.461	ug/L #	6
37) 1,2-Dichloropropane	6.33	63	8330	5.410	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1807	0.799	ug/L #	65
42) Toluene	7.64	91	57662	10.813	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	1321	0.629	ug/L #	77
48) 2-Hexanone	8.31	43	11416	6.412	ug/L #	65
52) Ethylbenzene	9.25	91	19845	3.352	ug/L	98
53) m,p-Xylene	9.38	106	6578	3.035	ug/L	99
54) o-xylene	9.78	106	8145	3.901	ug/L	100
56) Isopropylbenzene	10.17	105	2459	0.449	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.70	75	2802	6.426	ug/L #	6
69) Naphthalene	13.74	128	27678	5.467	ug/L #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

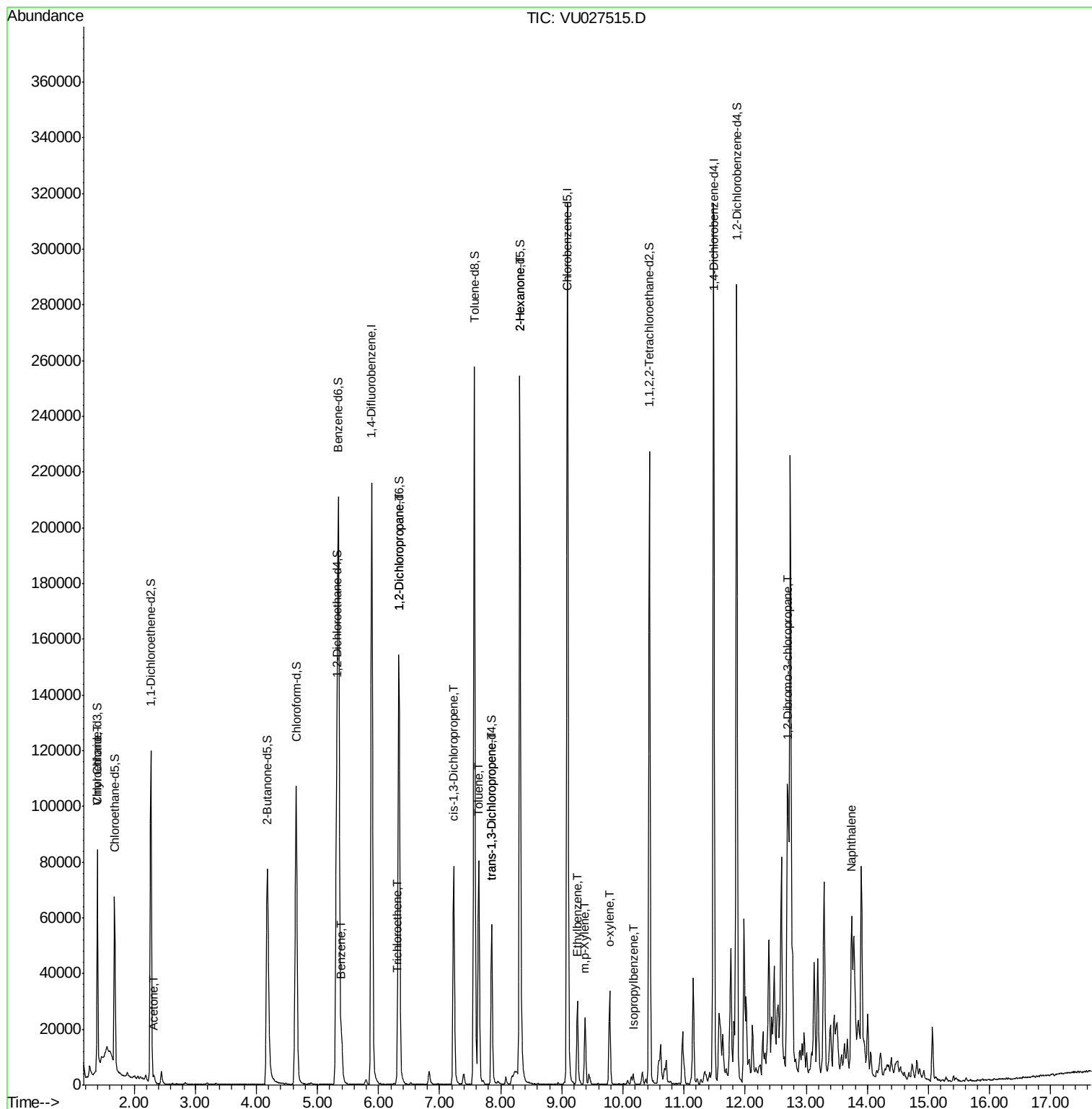
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

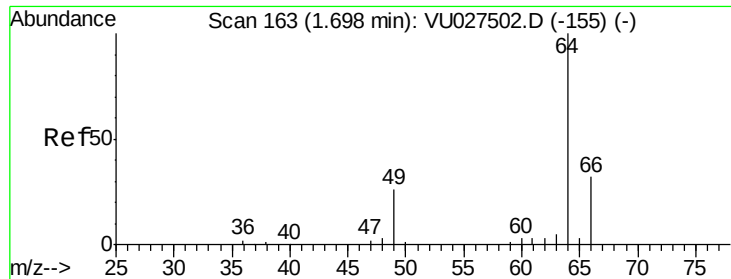
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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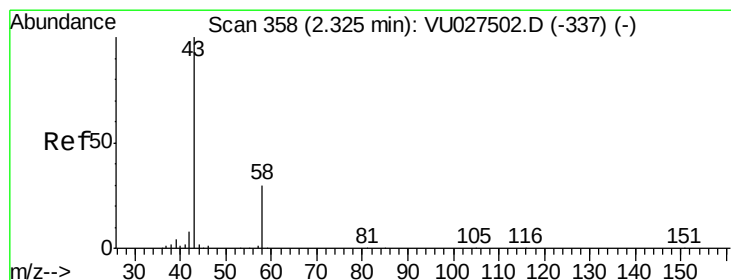
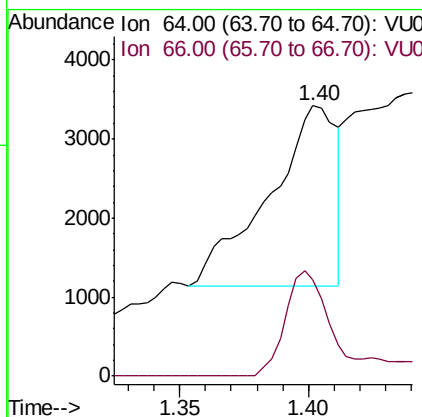
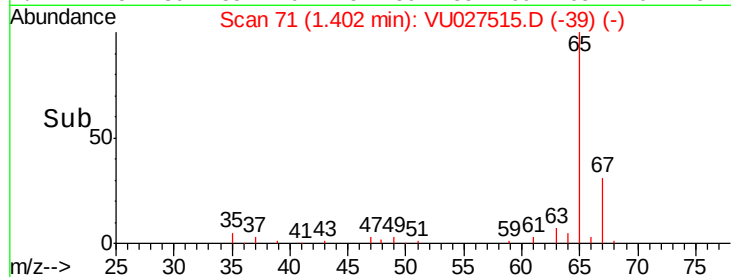
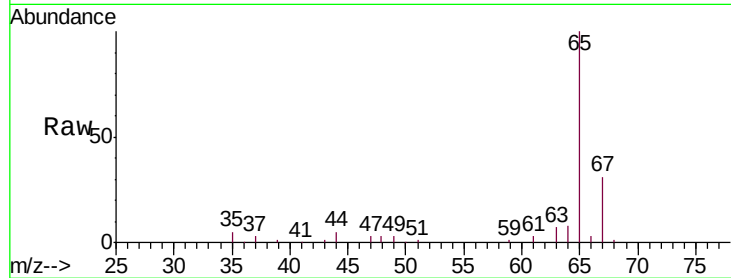




#8
 Chloroethane
 Concen: 3.597 ug/L
 RT: 1.40 min Scan# 71
 Delta R.T. -0.30 min
 Lab File: VU027515.D
 Acq: 08 Oct 2018 21:30

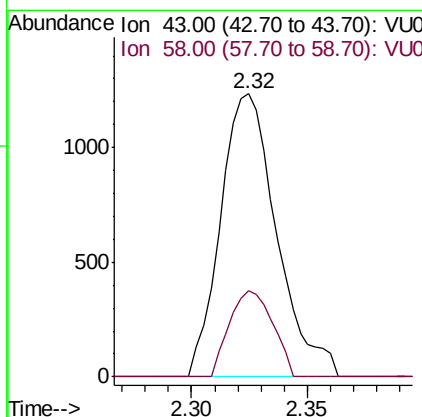
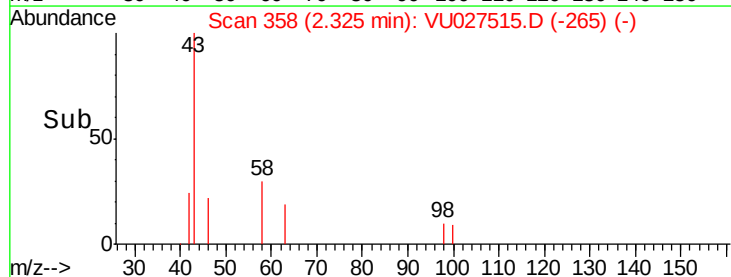
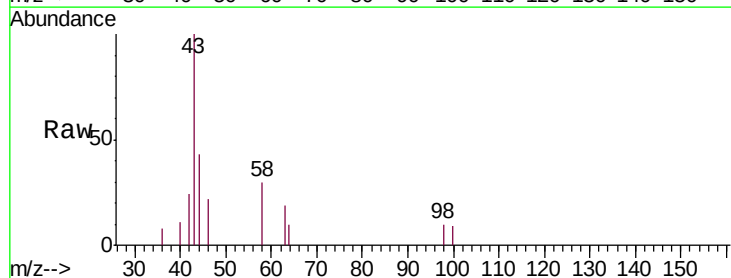
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W8

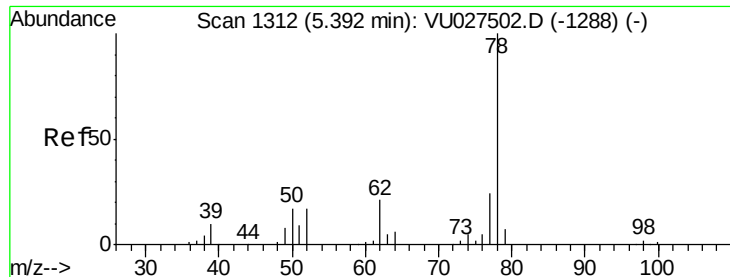
Tgt Ion: 64 Resp: 4188
 Ion Ratio Lower Upper
 64 100
 66 35.8 22.0 40.8



#13
 Acetone
 Concen: 2.281 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027515.D
 Acq: 08 Oct 2018 21:30

Tgt Ion: 43 Resp: 2074
 Ion Ratio Lower Upper
 43 100
 58 23.4 0.0 60.8





#33

Benzene

Concen: 2.656 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

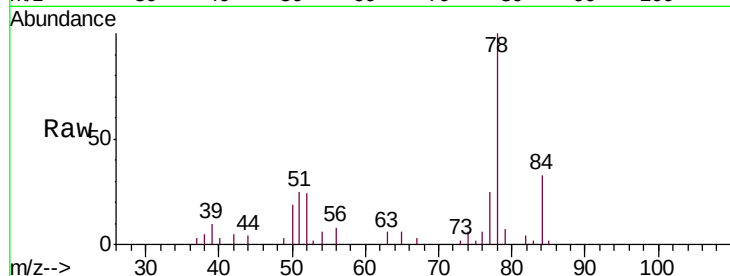
Instrument :

MSVOA_U

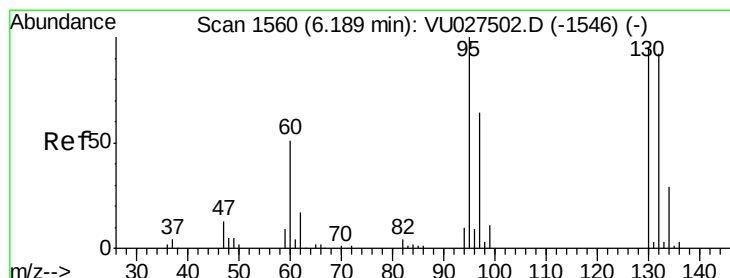
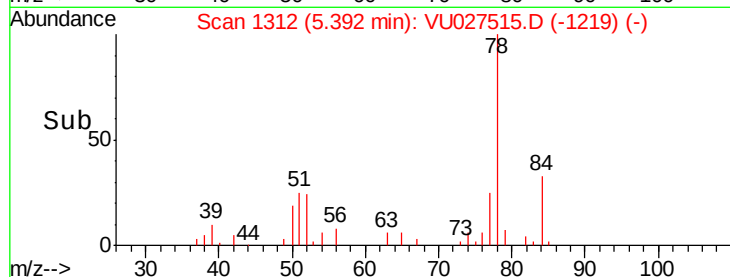
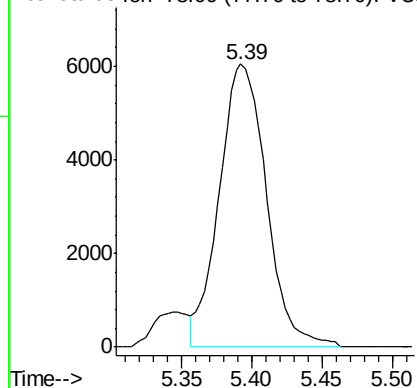
ClientSampled :

E62W8

Tgt Ion: 78 Resp: 14117



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 0.461 ug/L

RT: 6.30 min Scan# 1594

Delta R.T. 0.11 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

Tgt Ion: 95 Resp: 589

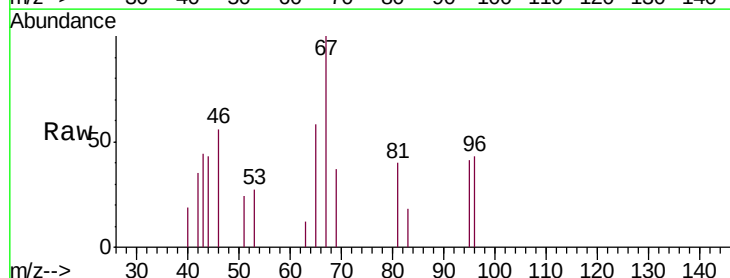
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 64.8 120.4#

130 0.0 67.1 124.7#

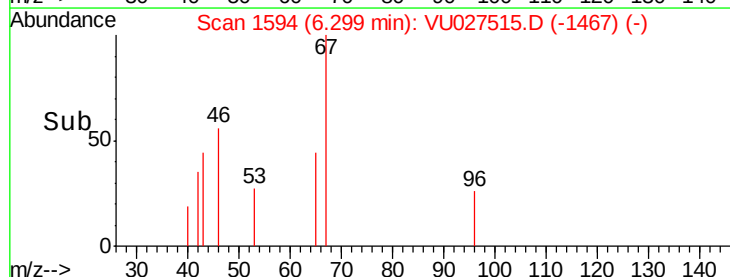
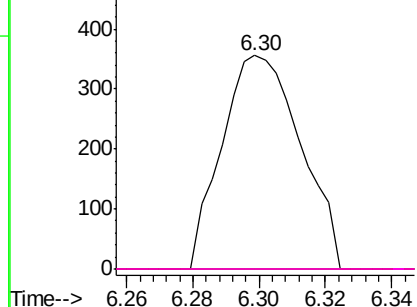


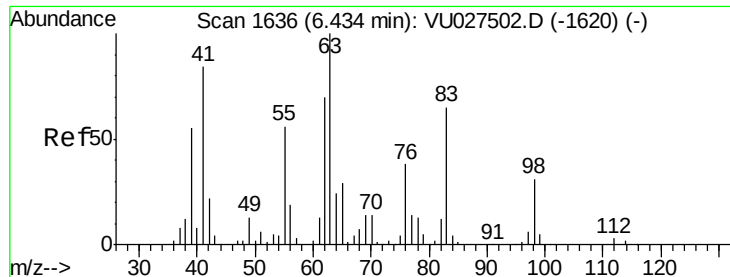
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

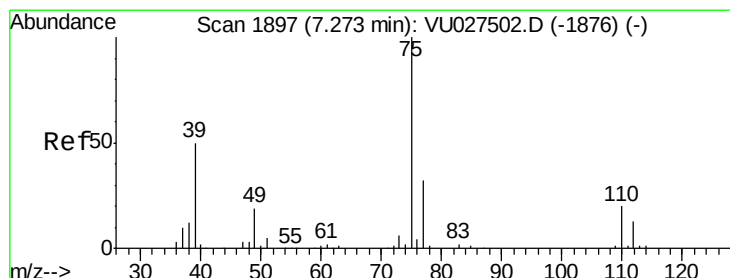
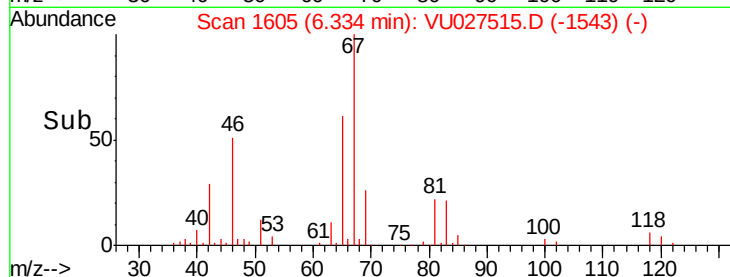
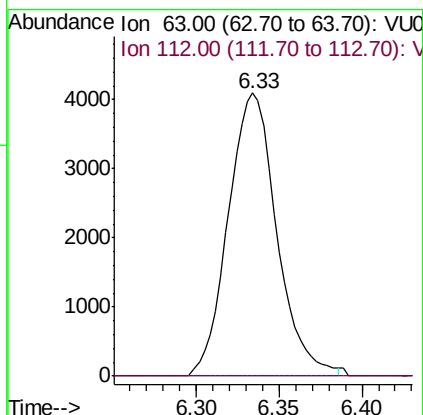
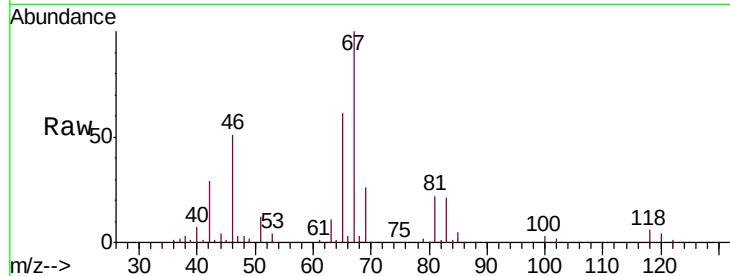




#37
 1,2-Dichloropropane
 Concen: 5.410 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027515.D
 Acq: 08 Oct 2018 21:30

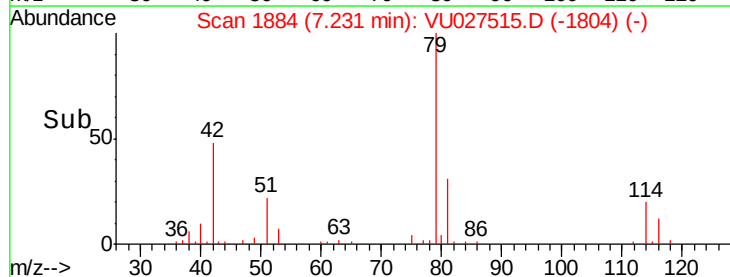
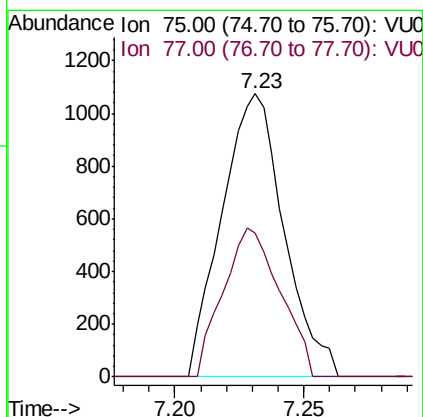
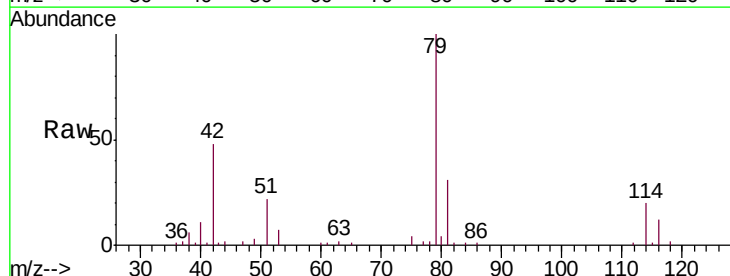
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W8

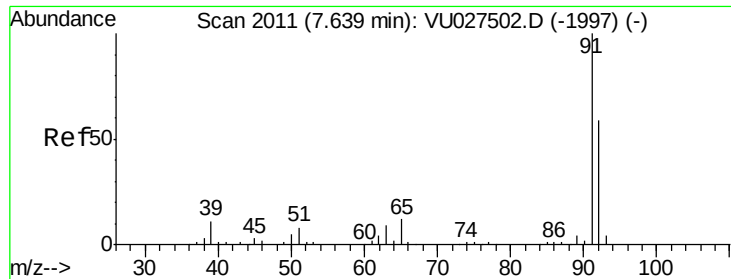
Tgt Ion: 63 Resp: 8330
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.799 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027515.D
 Acq: 08 Oct 2018 21:30

Tgt Ion: 75 Resp: 1807
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.1 41.1#





#42

Toluene

Concen: 10.813 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

Instrument :

MSVOA_U

ClientSampleId :

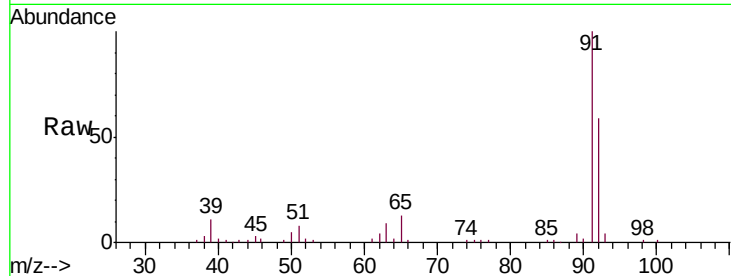
E62W8

Tgt Ion: 91 Resp: 57662

Ion Ratio Lower Upper

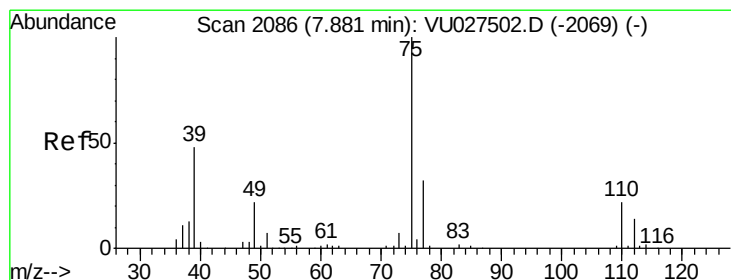
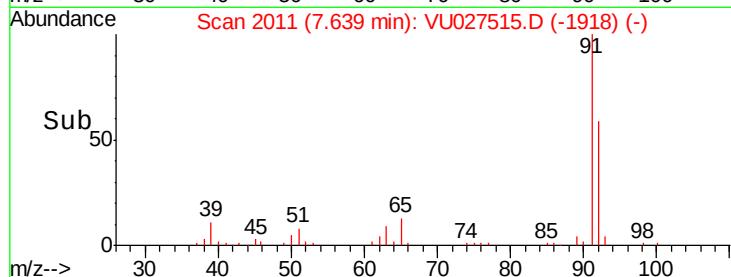
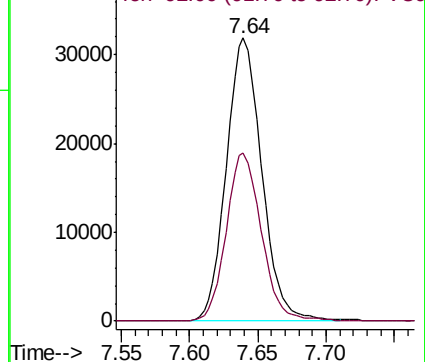
91 100

92 59.4 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027515.D

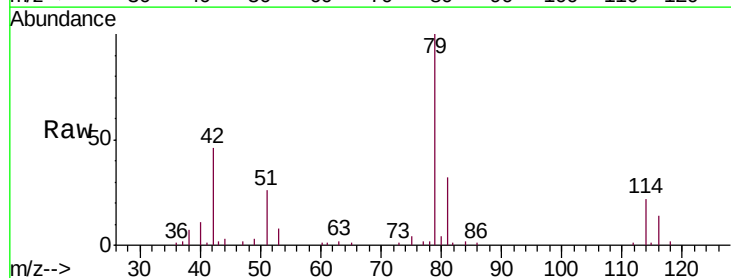
Acq: 08 Oct 2018 21:30

Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

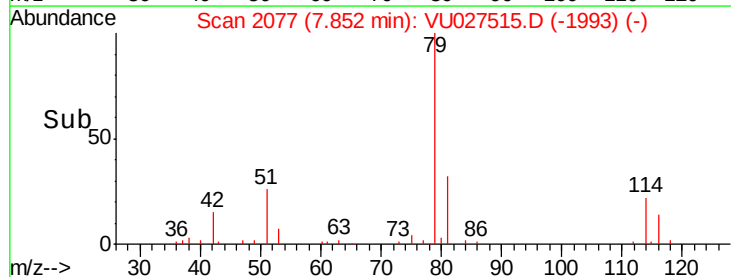
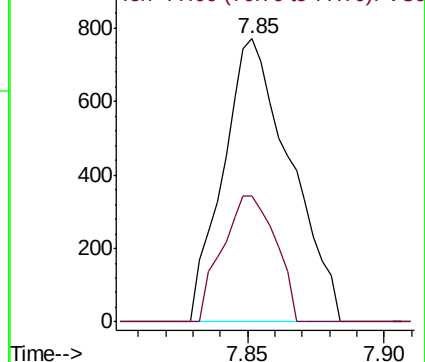
75 100

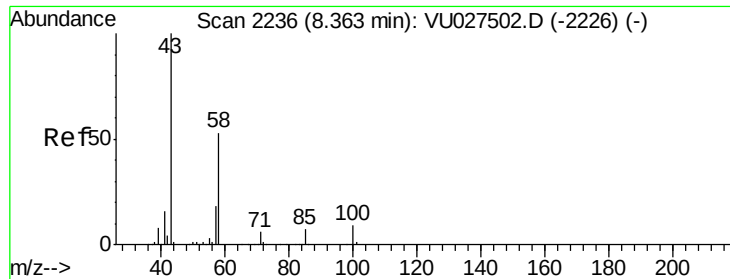
77 44.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

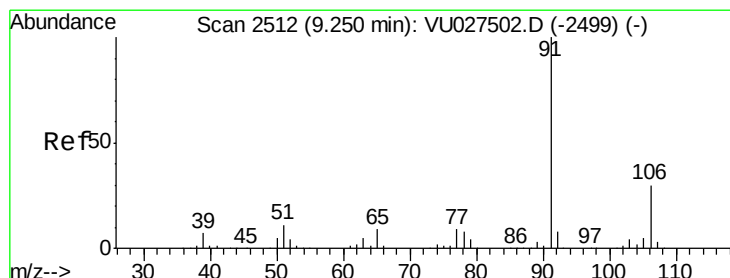
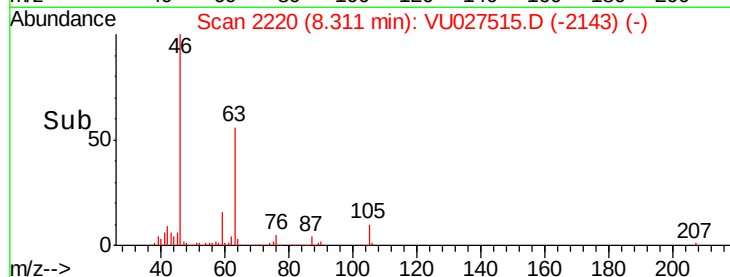
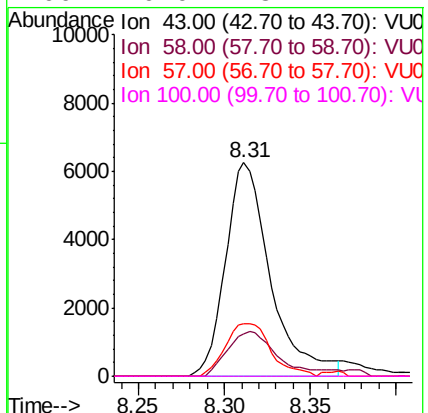
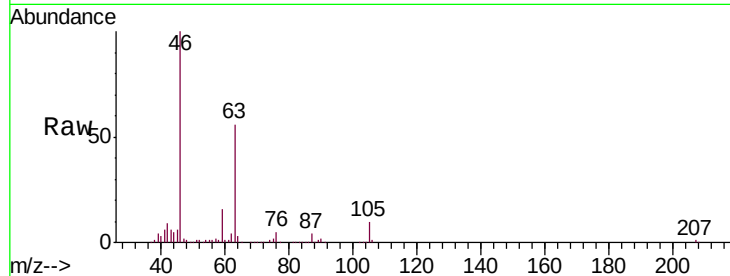




#48
2-Hexanone
Concen: 6.412 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

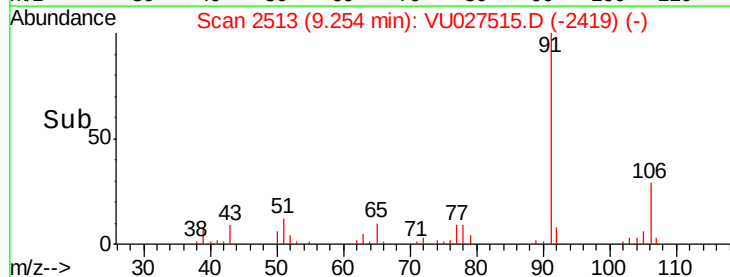
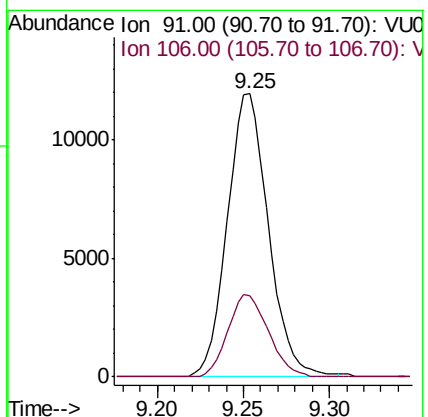
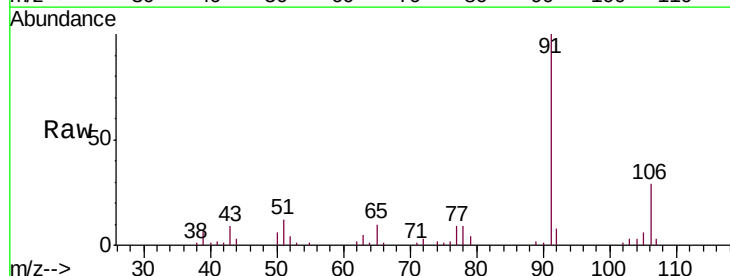
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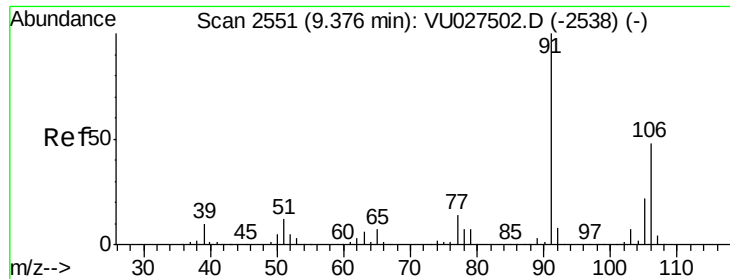
Tgt Ion: 43 Resp: 11416
Ion Ratio Lower Upper
43 100
58 22.5 42.7 64.1#
57 24.8 14.5 21.7#
100 0.0 8.2 12.2#



#52
Ethylbenzene
Concen: 3.352 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Tgt Ion: 91 Resp: 19845
Ion Ratio Lower Upper
91 100
106 28.5 20.6 38.4





#53

m,p-Xylene

Concen: 3.035 ug/L

RT: 9.38 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

Instrument :

MSVOA_U

ClientSampleId :

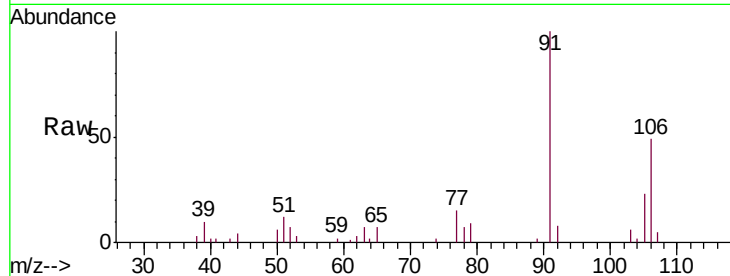
E62W8

Tgt Ion:106 Resp: 6578

Ion Ratio Lower Upper

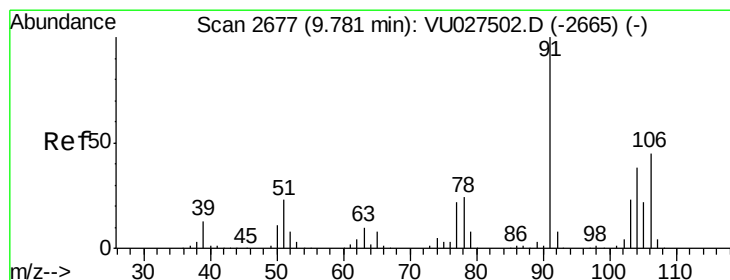
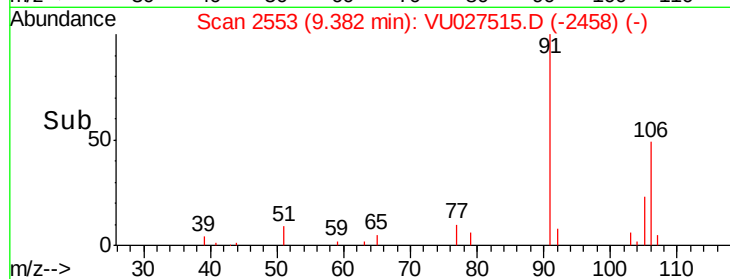
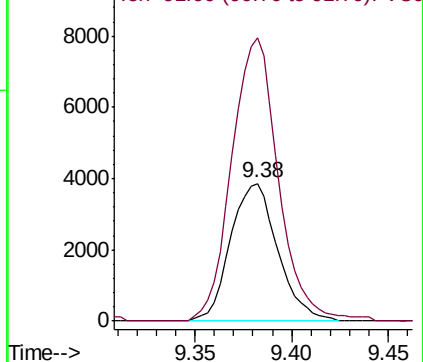
106 100

91 205.6 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 3.901 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027515.D

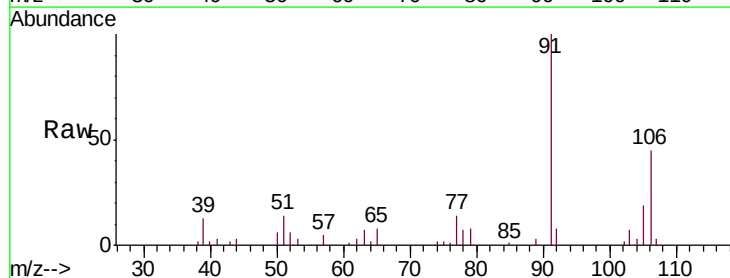
Acq: 08 Oct 2018 21:30

Tgt Ion:106 Resp: 8145

Ion Ratio Lower Upper

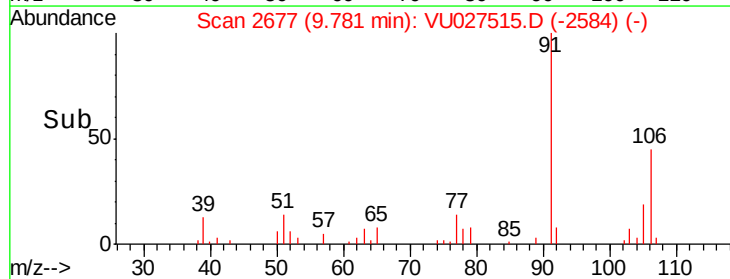
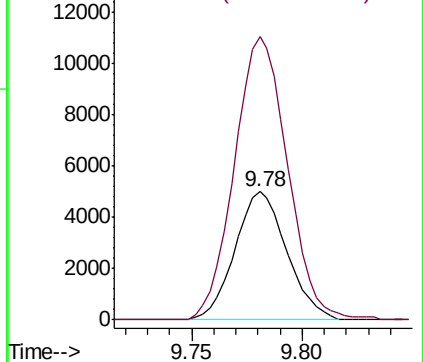
106 100

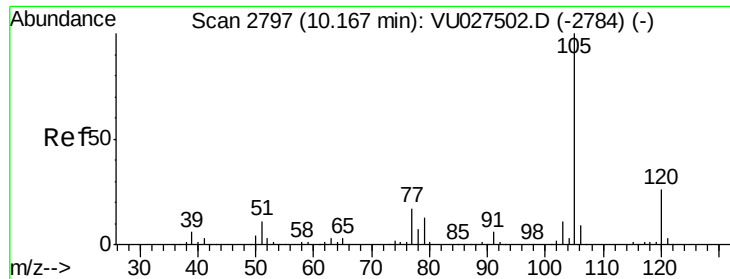
91 221.3 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 0.449 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

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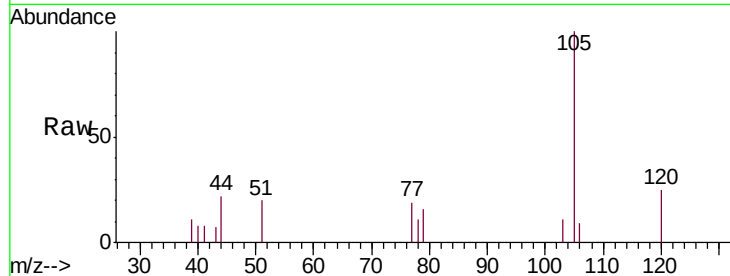
Tgt Ion: 105 Resp: 2459

Ion Ratio Lower Upper

105 100

120 23.4 20.6 30.8

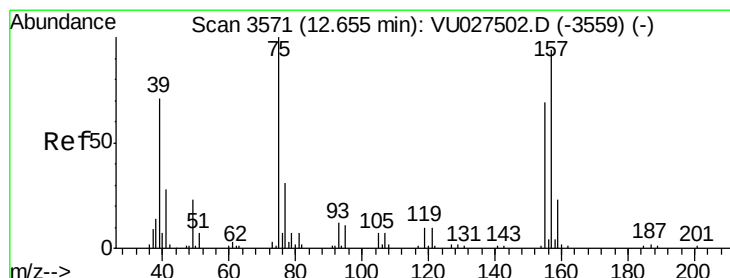
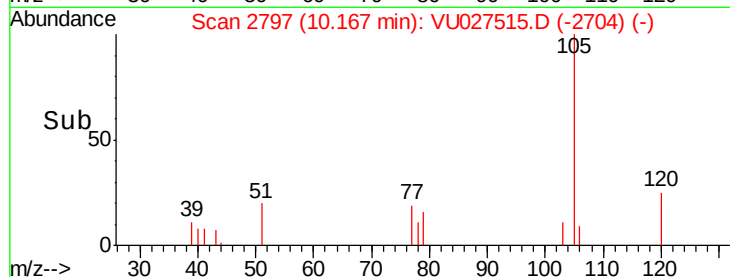
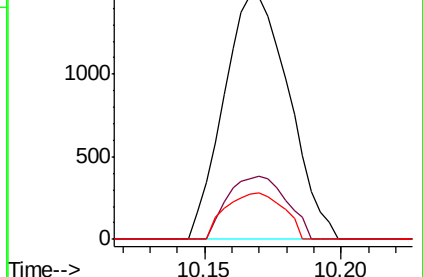
77 16.9 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 6.426 ug/L

RT: 12.70 min Scan# 3585

Delta R.T. 0.05 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

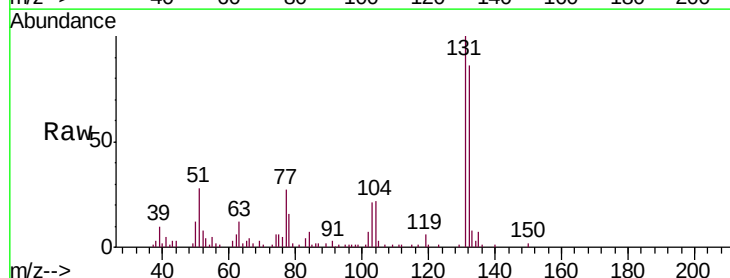
Tgt Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

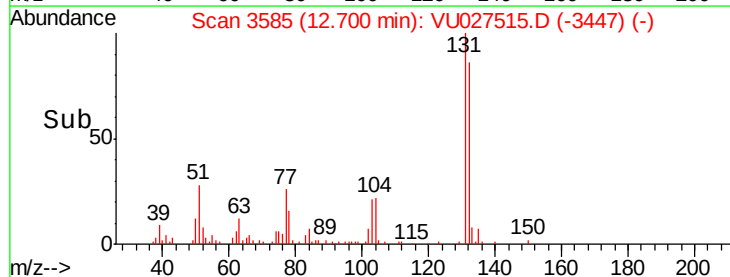
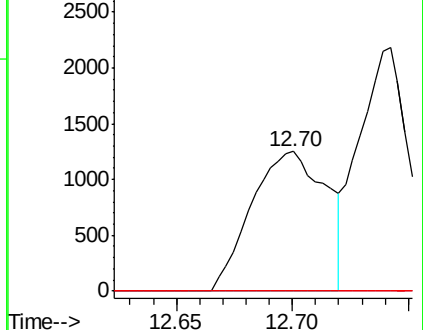
157 0.0 77.8 116.8#

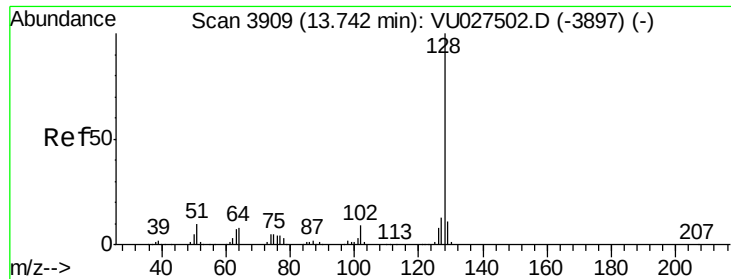


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 5.467 ug/L

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027515.D

Acq: 08 Oct 2018 21:30

Instrument :

MSVOA_U

ClientSampleId :

E62W8

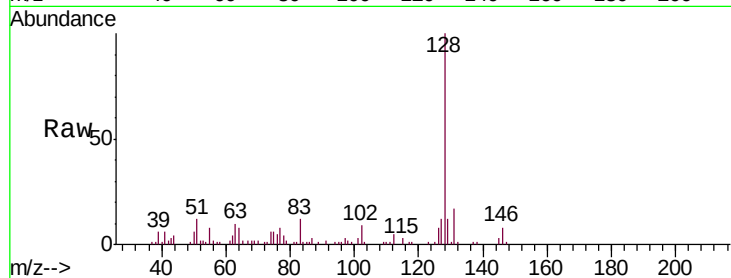
Tgt Ion:128 Resp: 27678

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 13.6 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

