

Data File : VU027518.D
Acq On : 08 Oct 2018 22:39
Operator : MD/SY
Sample : J5298-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62X1

Quant Time: Oct 09 05:24:53 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	183011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52578	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.02%
7) Chloroethane-d5	1.68	69	45188	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.46%
11) 1,1-Dichloroethene-d2	2.27	63	77333	28.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.24%#
21) 2-Butanone-d5	4.18	46	135356	116.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.42%
24) Chloroform-d	4.65	84	106826	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
26) 1,2-Dichloroethane-d4	5.31	65	75822	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.34	84	207725	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
36) 1,2-Dichloropropane-d6	6.33	67	80433	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.57	98	172483	40.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.12%
43) trans-1,3-Dichloropropene-	7.85	79	32932	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.31	63	95516	114.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112784	52.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	71072	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

					Qvalue
8) Chloroethane	1.40	64	9371	7.673 ug/L	94
13) Acetone	2.32	43	4389	4.602 ug/L	94
33) Benzene	5.39	78	38149	6.908 ug/L	100
34) Trichloroethene	6.30	95	7050	5.308 ug/L #	10
37) 1,2-Dichloropropane	6.33	63	8299	5.187 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1774	0.755 ug/L #	37
42) Toluene	7.64	91	58972	10.642 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1356	0.621 ug/L	84
48) 2-Hexanone	8.31	43	12438	6.723 ug/L #	66
52) Ethylbenzene	9.25	91	25314	4.114 ug/L	99
53) m,p-Xylene	9.38	106	4118	1.829 ug/L	95
54) o-xylene	9.78	106	4615	2.127 ug/L	96
56) Isopropylbenzene	10.17	105	2962	0.521 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.70	75	3014	6.563 ug/L #	6
69) Naphthalene	13.74	128	13028	2.444 ug/L #	94

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

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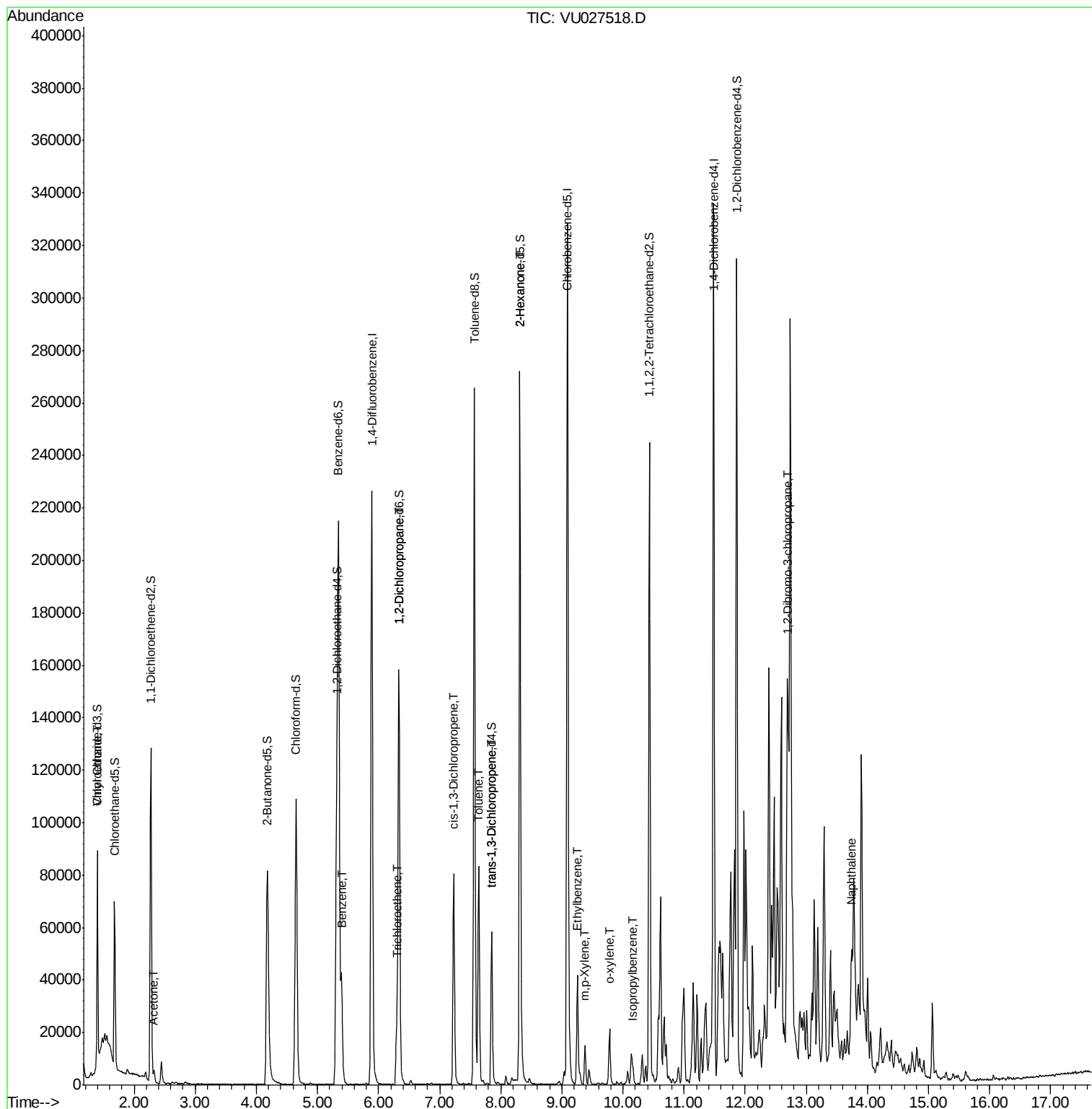
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

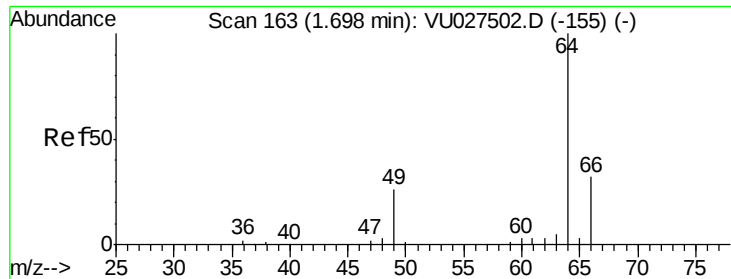
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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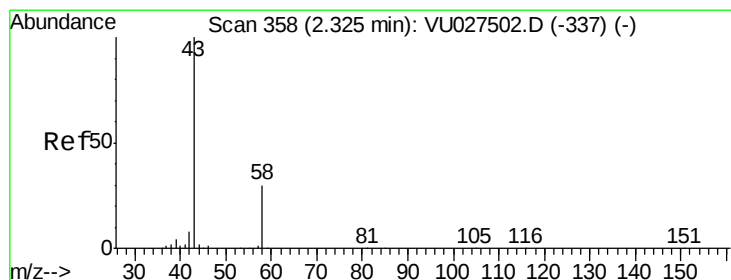
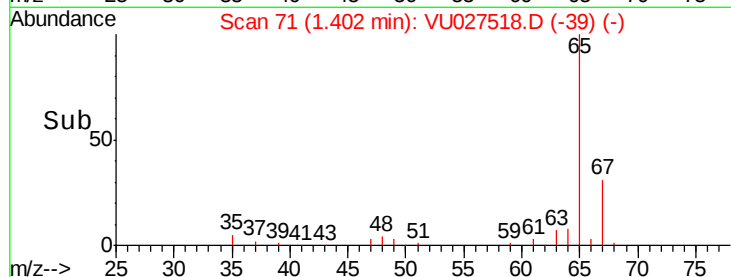
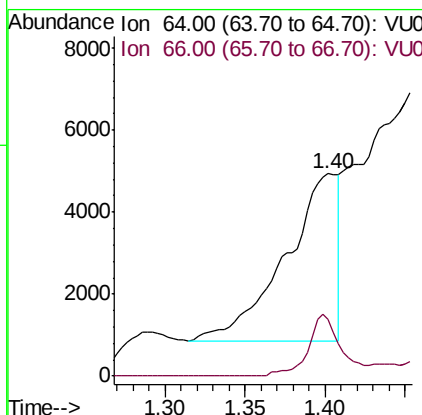
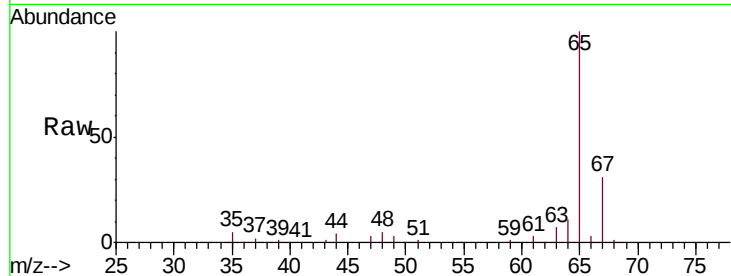




#8
Chloroethane
Concen: 7.673 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.30 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

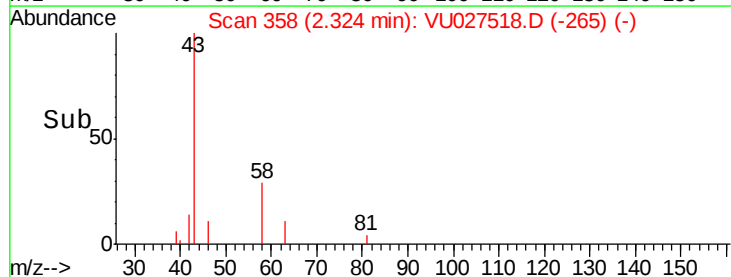
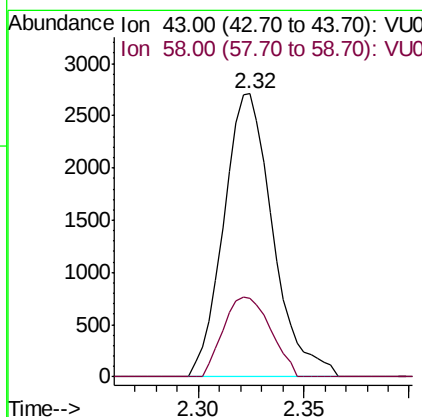
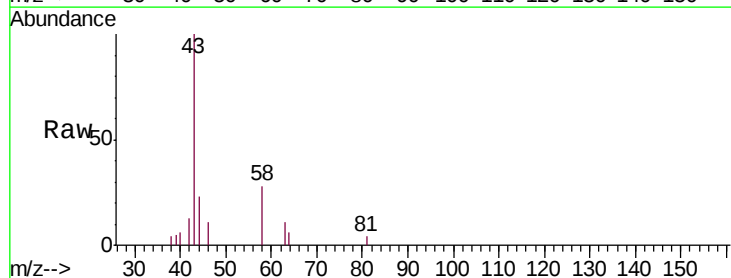
Instrument :
MSVOA_U
ClientSampleId :
E62X1

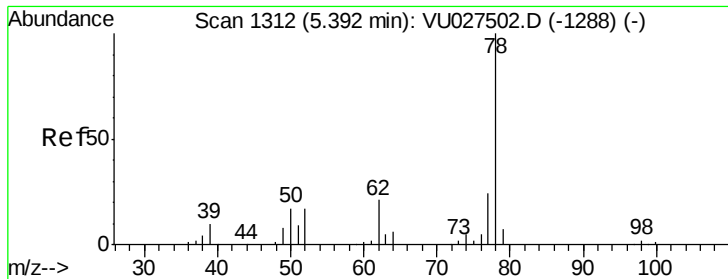
Tgt Ion: 64 Resp: 9371
Ion Ratio Lower Upper
64 100
66 27.9 22.0 40.8



#13
Acetone
Concen: 4.602 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 27.1 0.0 60.8





#33

Benzene

Concen: 6.908 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

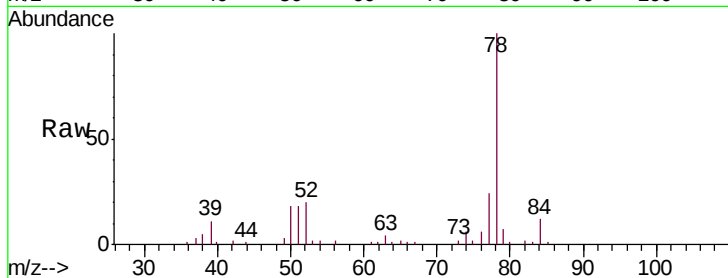
Instrument :

MSVOA_U

ClientSampled :

E62X1

Tgt Ion: 78 Resp: 38149



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.39

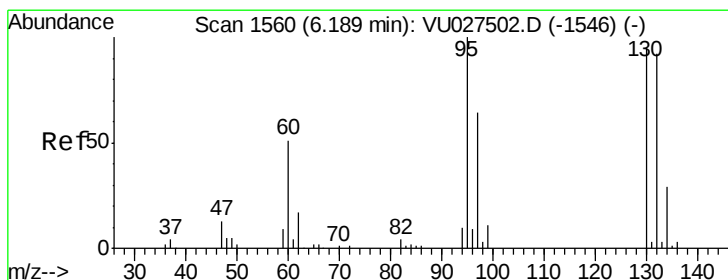
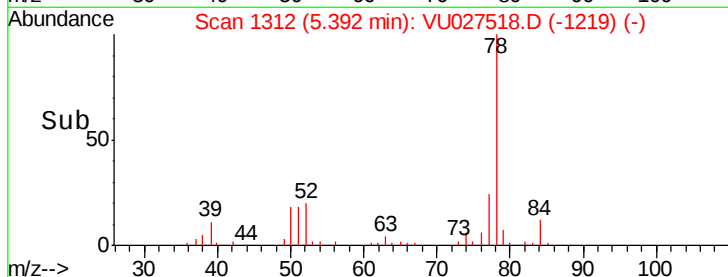
15000

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 5.308 ug/L

RT: 6.30 min Scan# 1593

Delta R.T. 0.11 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Tgt Ion: 95 Resp: 7050

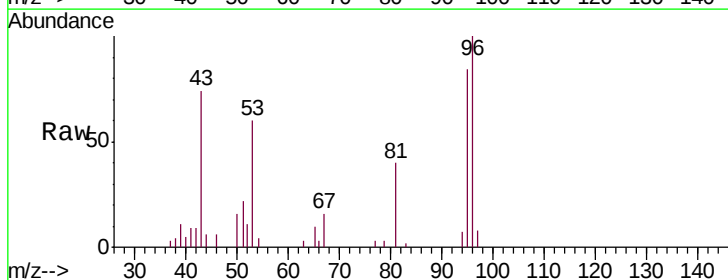
Ion Ratio Lower Upper

95 100

97 9.5 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

6000

5000

4000

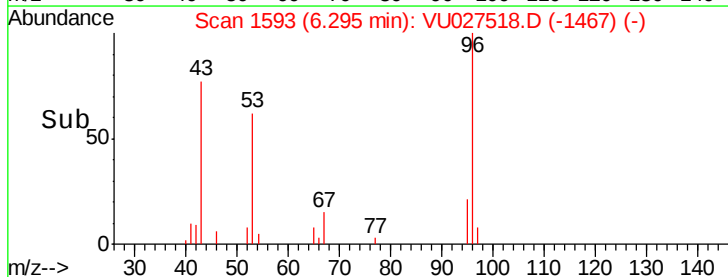
3000

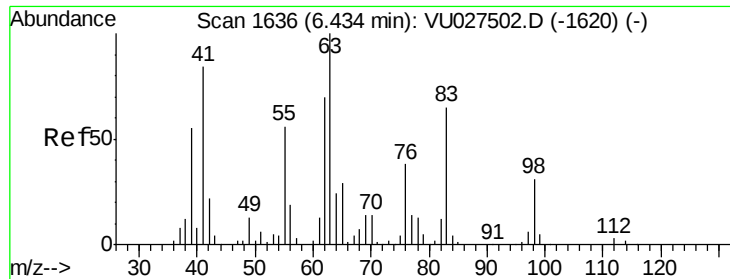
2000

1000

0

Time-->

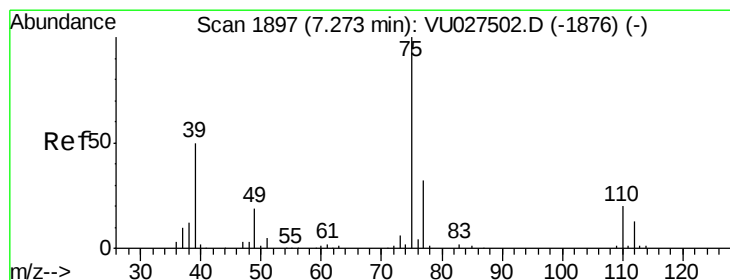
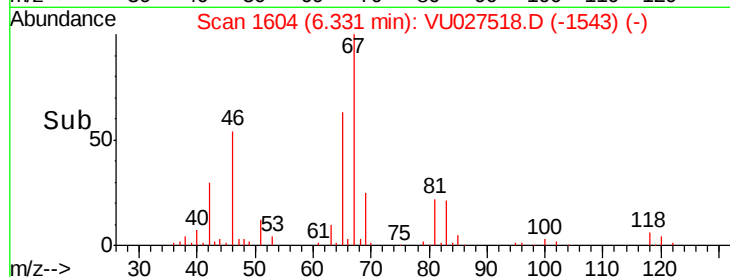
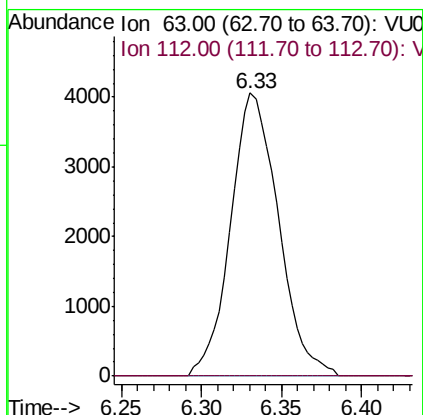
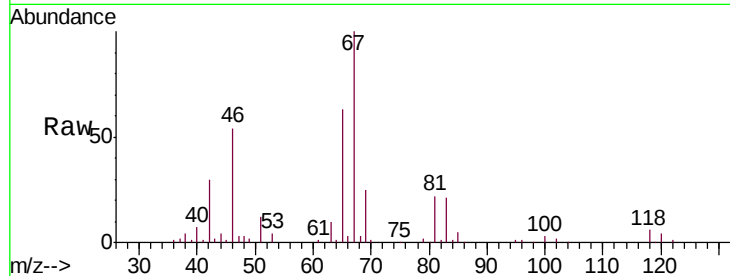




#37
 1,2-Dichloropropane
 Concen: 5.187 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027518.D
 Acq: 08 Oct 2018 22:39

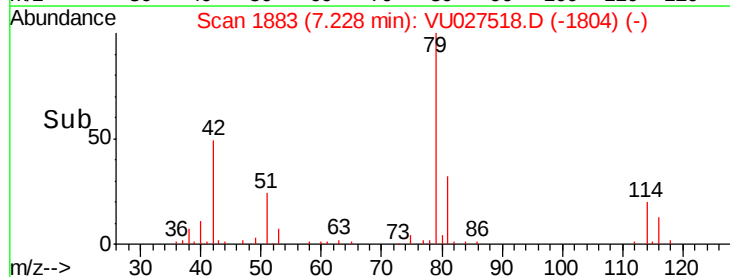
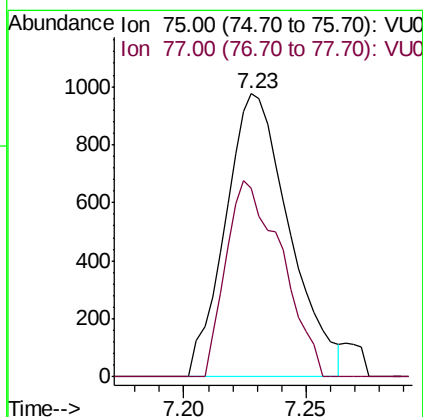
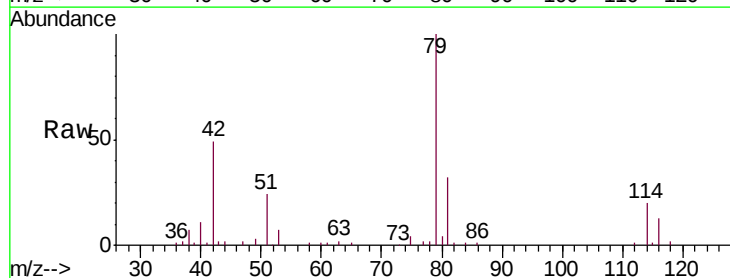
Instrument :
 MSVOA_U
 ClientSampleId :
 E62X1

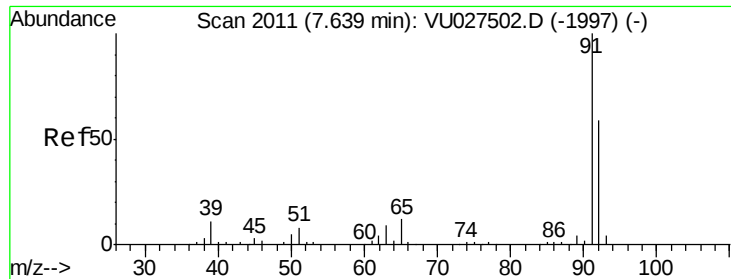
Tgt Ion: 63 Resp: 8299
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.755 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU027518.D
 Acq: 08 Oct 2018 22:39

Tgt Ion: 75 Resp: 1774
 Ion Ratio Lower Upper
 75 100
 77 66.6 22.1 41.1#





#42

Toluene

Concen: 10.642 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

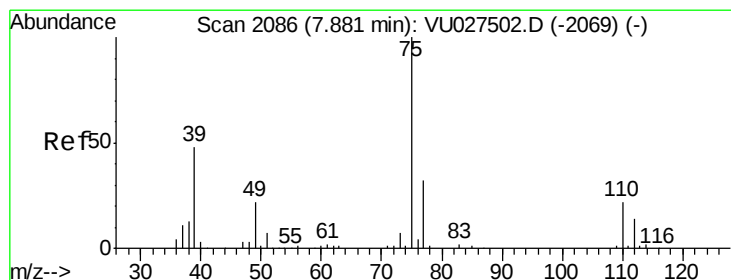
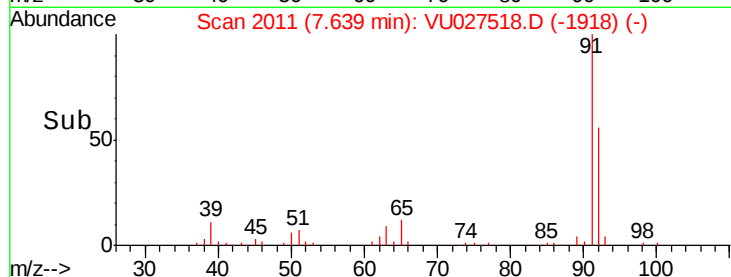
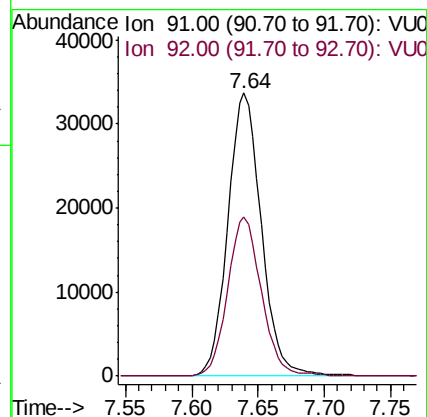
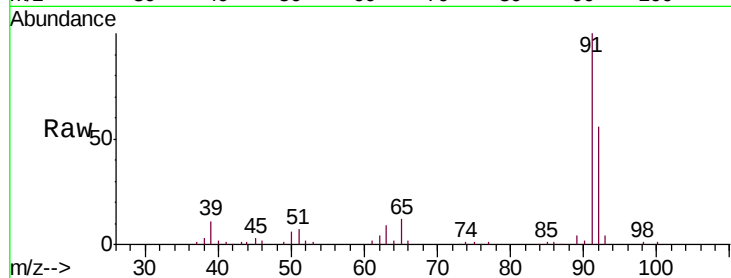
E62X1

Tgt Ion: 91 Resp: 58972

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.621 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU027518.D

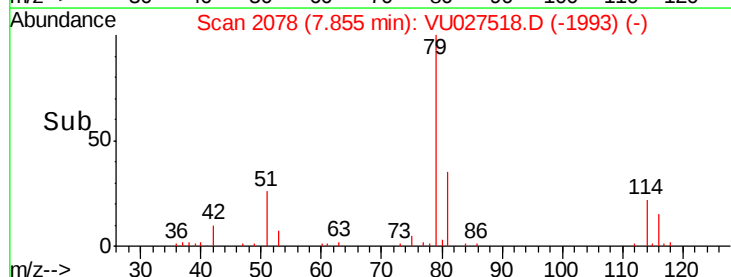
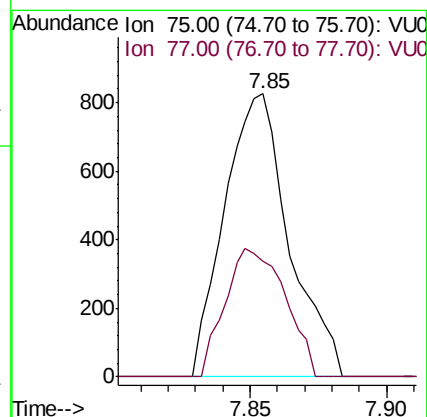
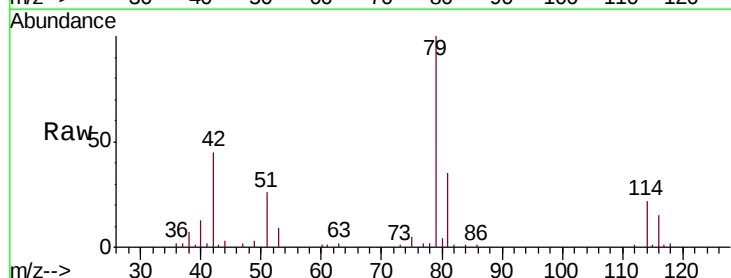
Acq: 08 Oct 2018 22:39

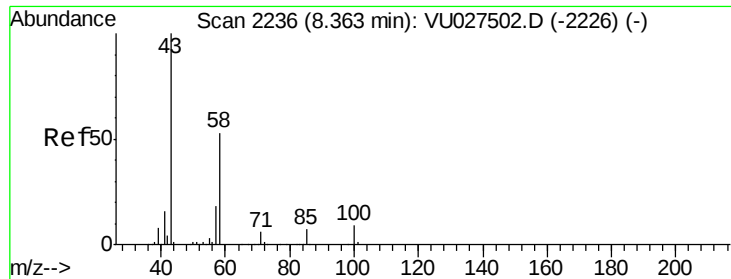
Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 40.8 22.2 41.2

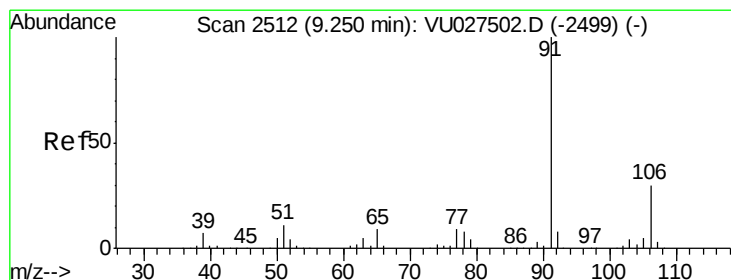
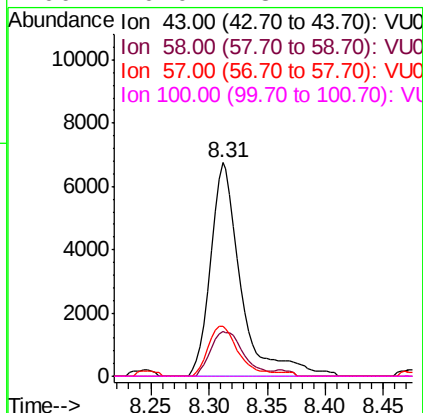
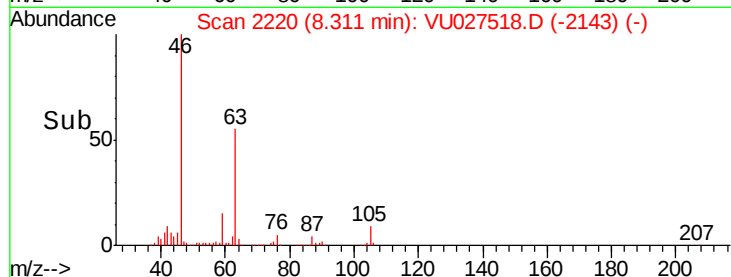
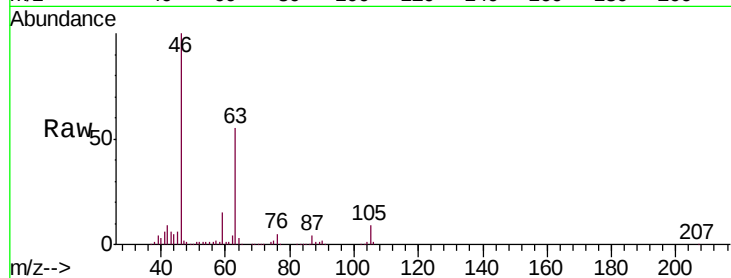




#48
2-Hexanone
Concen: 6.723 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

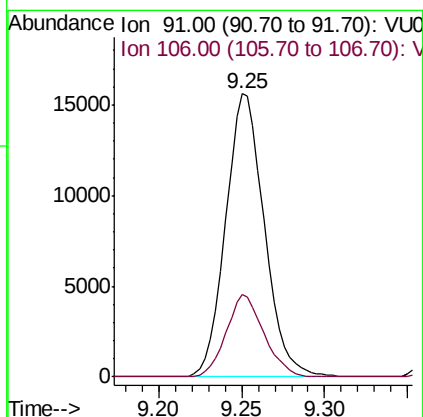
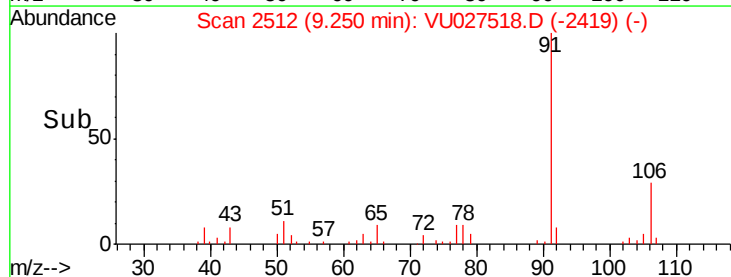
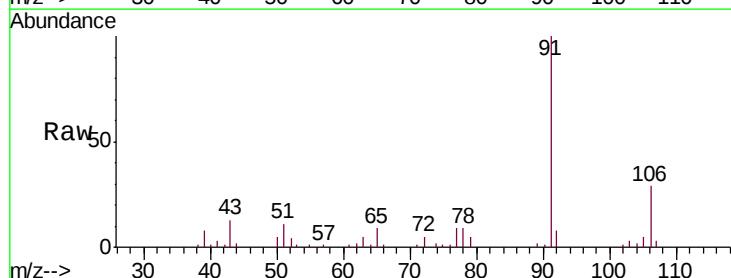
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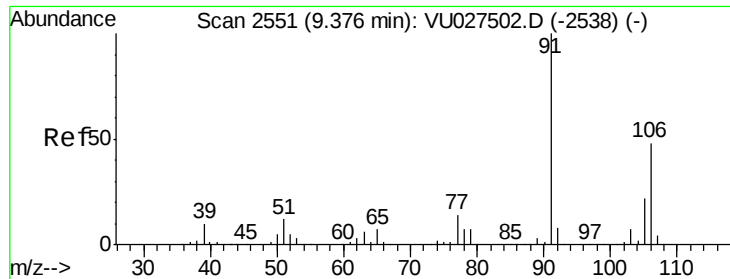
Tgt Ion: 43 Resp: 12438
Ion Ratio Lower Upper
43 100
58 22.6 42.7 64.1#
57 22.8 14.5 21.7#
100 0.0 8.2 12.2#



#52
Ethylbenzene
Concen: 4.114 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

Tgt Ion: 91 Resp: 25314
Ion Ratio Lower Upper
91 100
106 29.2 20.6 38.4

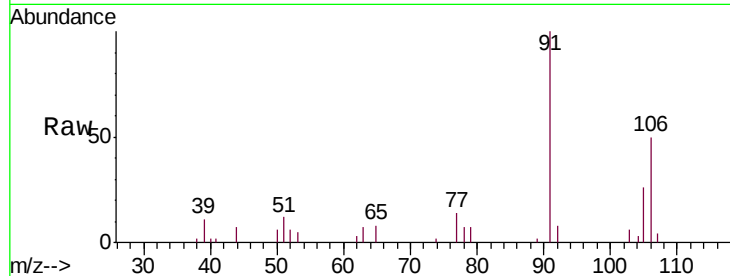




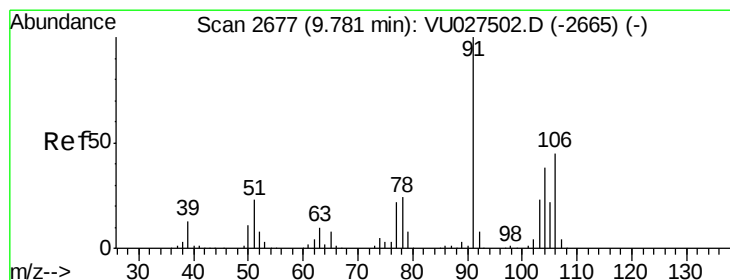
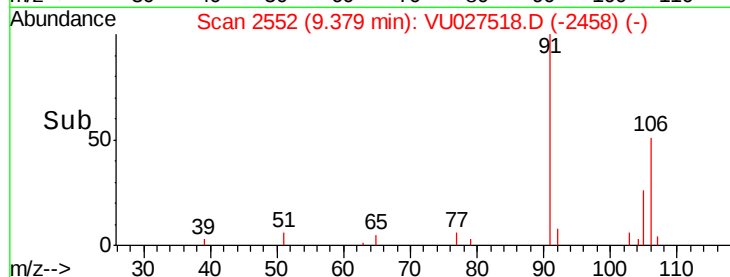
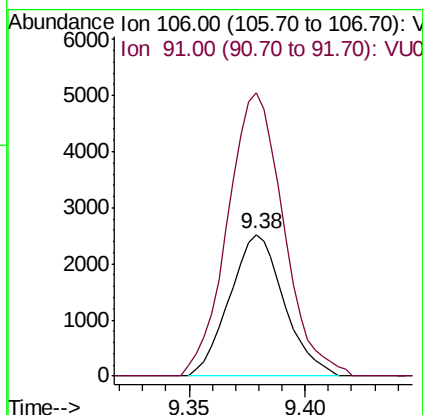
#53
m,p-Xylene
Concen: 1.829 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:106 Resp: 4118
Ion Ratio Lower Upper
106 100
91 200.2 145.0 269.4

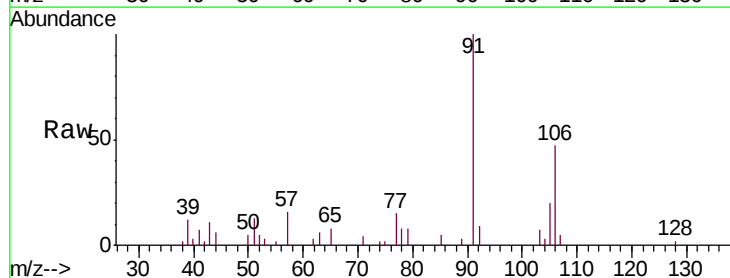


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

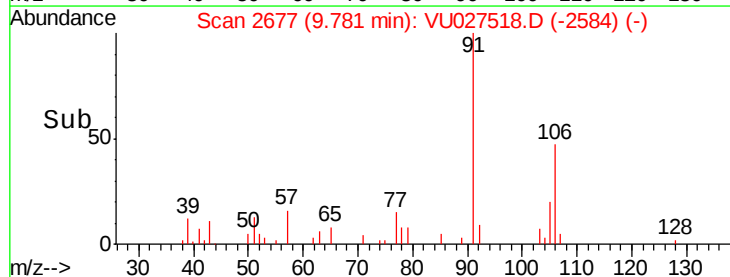
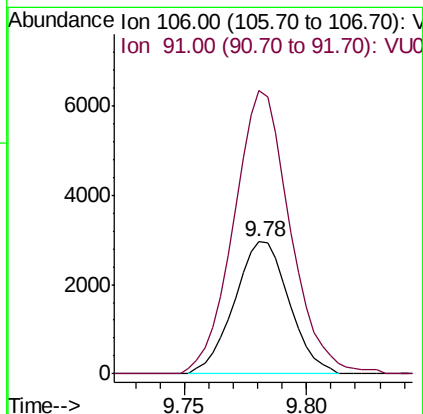


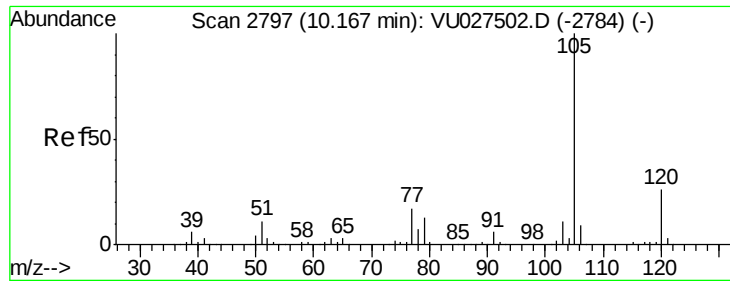
#54
o-xylene
Concen: 2.127 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027518.D
Acq: 08 Oct 2018 22:39

Tgt Ion:106 Resp: 4615
Ion Ratio Lower Upper
106 100
91 214.5 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 0.521 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

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MSVOA_U

ClientSampleId :

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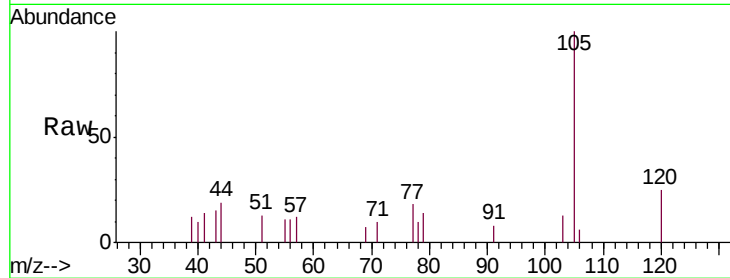
Tgt Ion: 105 Resp: 2962

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

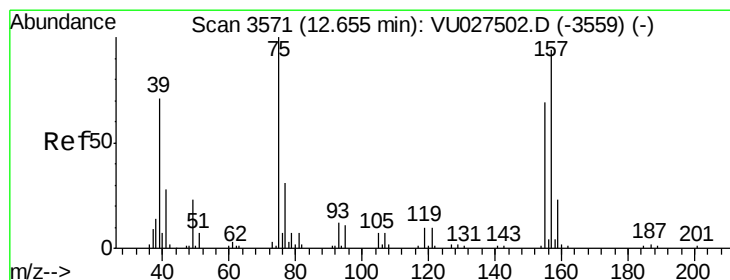
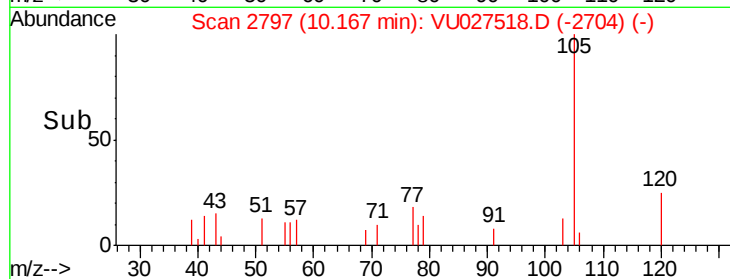
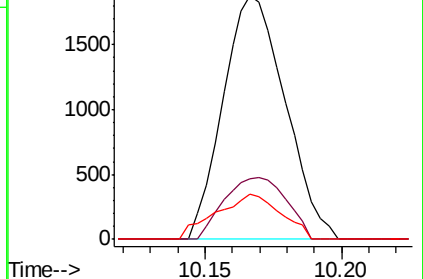
77 19.3 13.0 19.4



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: 6.563 ug/L

RT: 12.70 min Scan# 3584

Delta R.T. 0.04 min

Lab File: VU027518.D

Acq: 08 Oct 2018 22:39

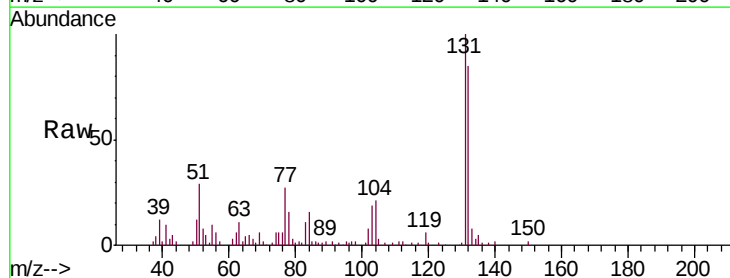
Tgt Ion: 75 Resp: 3014

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

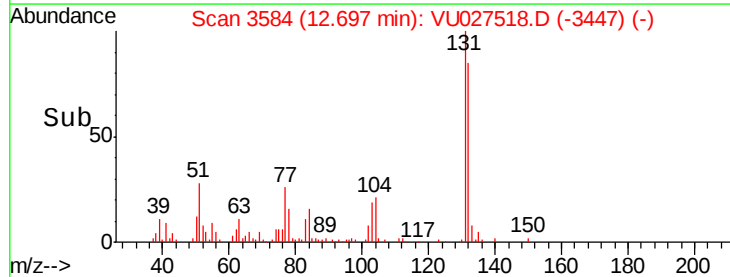
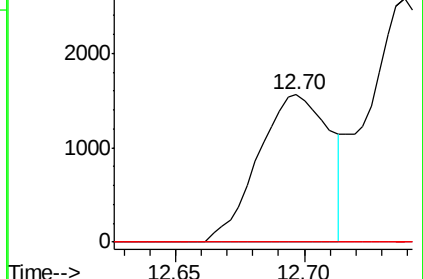
157 0.0 77.8 116.8#

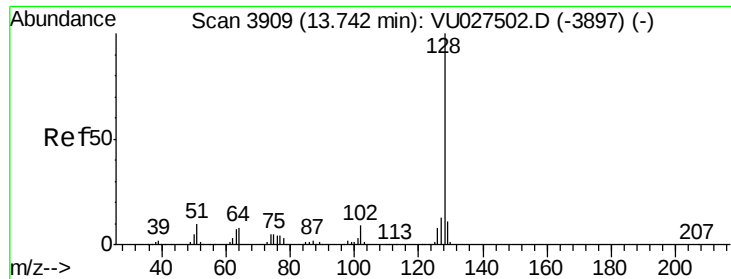


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 2.444 ug/L

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027518.D

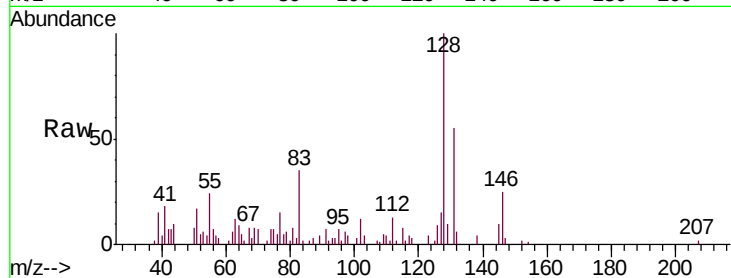
Acq: 08 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

E62X1



Tgt Ion:	128	Resp:	13028
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	14.1	8.6	12.8#

