

Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5132ME

Quant Time: Apr 19 23:15:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	643719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	624574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	274460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170852	28.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.64%#
7) Chloroethane-d5	1.68	69	120404	23.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.78%#
11) 1,1-Dichloroethene-d2	2.25	63	261937	22.30	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.60%#
21) 2-Butanone-d5	4.21	46	298167	69.06	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.06%
24) Chloroform-d	4.64	84	328445	33.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.42%#
26) 1,2-Dichloroethane-d4	5.31	65	210716	34.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.18%#
32) Benzene-d6	5.33	84	698765	35.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.78%
36) 1,2-Dichloropropane-d6	6.33	67	232981	36.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.72%
41) Toluene-d8	7.56	98	615304	35.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.82%#
43) trans-1,3-Dichloropropene-	7.85	79	106236	34.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.36%
47) 2-Hexanone-d5	8.34	63	243629	80.54	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	313466	35.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	229423	36.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.90%#

Target Compounds

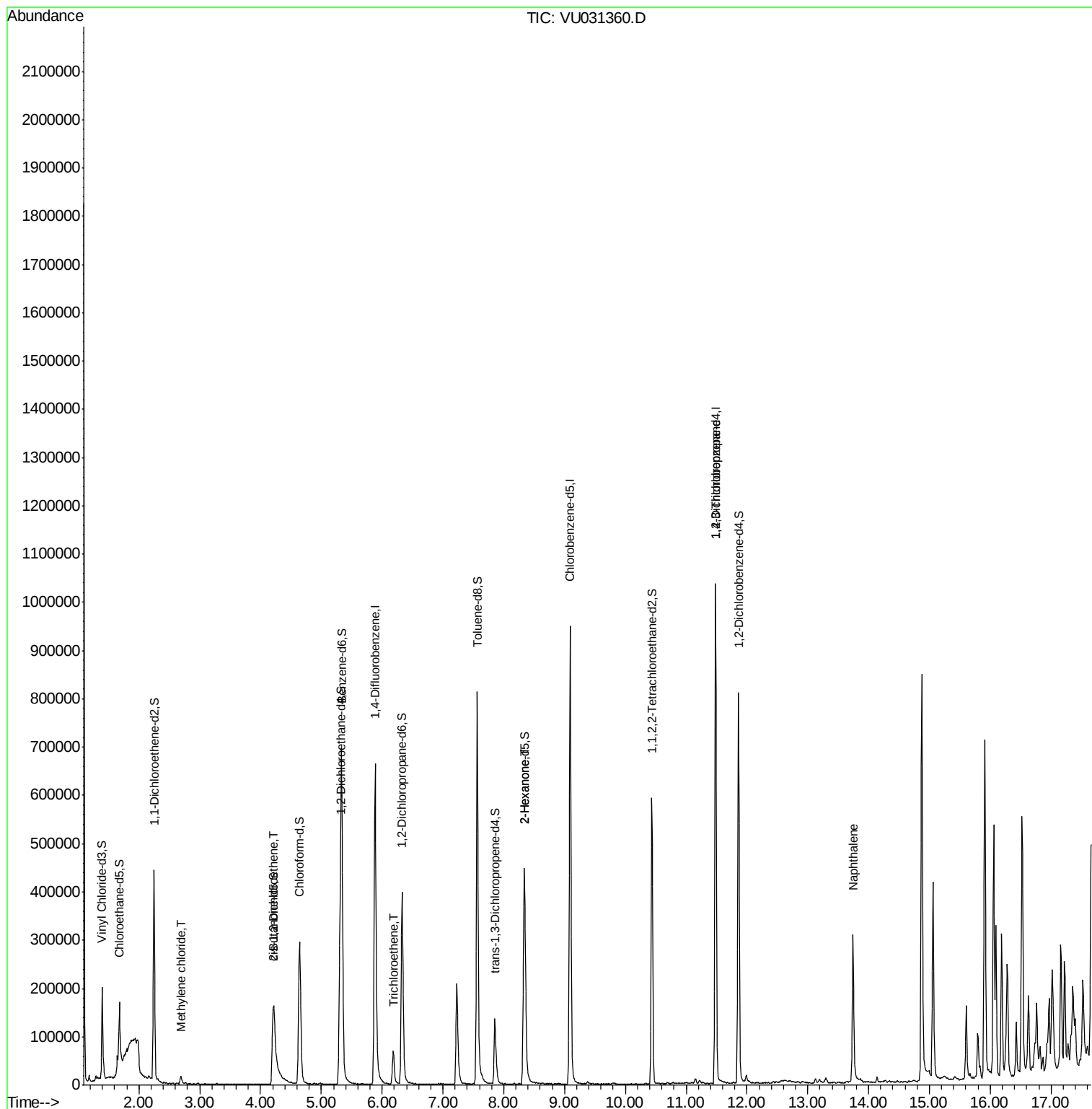
					Qvalue
16) Methylene chloride	2.69	84	8095	1.649 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	44229	8.291 ug/L	89
34) Trichloroethene	6.18	95	25543	4.860 ug/L	93
48) 2-Hexanone	8.34	43	27870	4.464 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	30954	4.678 ug/L	94
69) Naphthalene	13.74	128	288134	16.693 ug/L	99

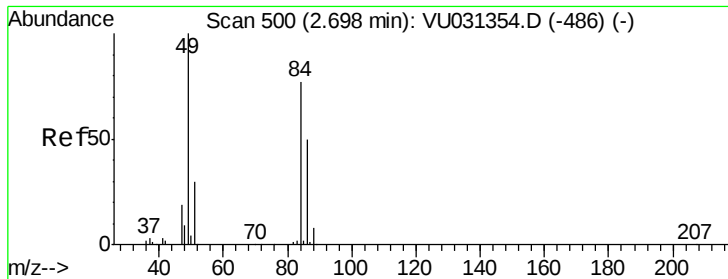
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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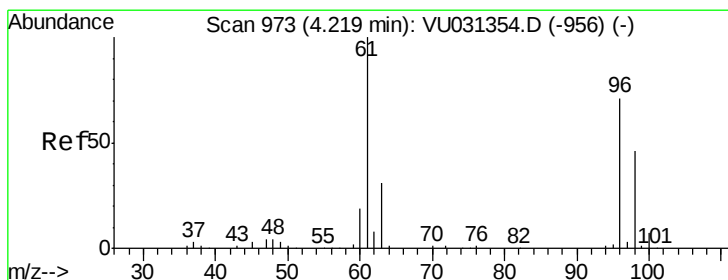
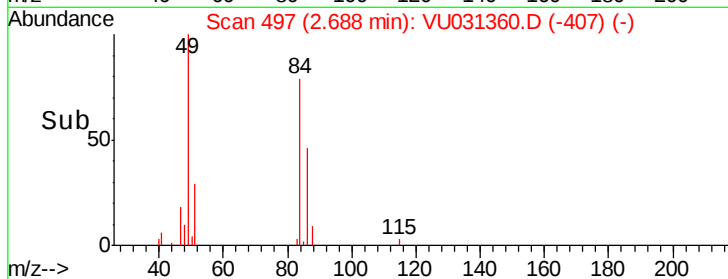
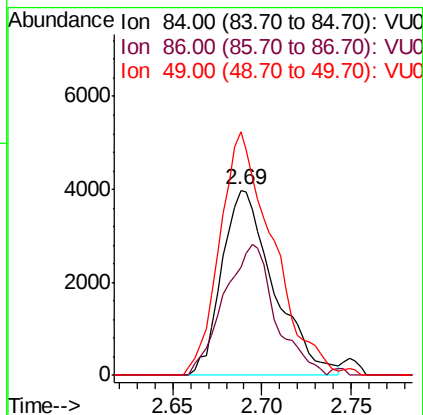
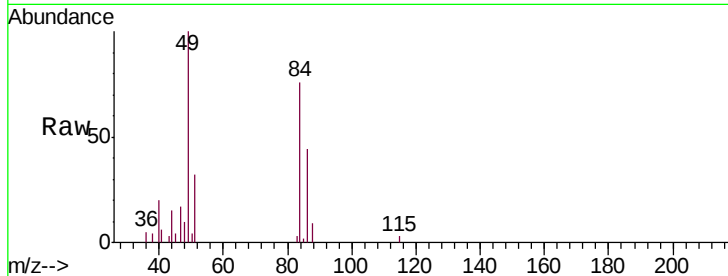




#16
Methylene chloride
Concen: 1.649 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
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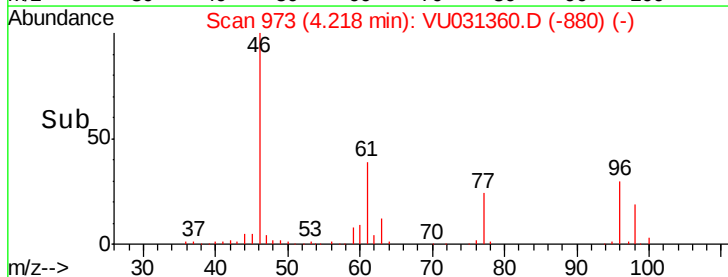
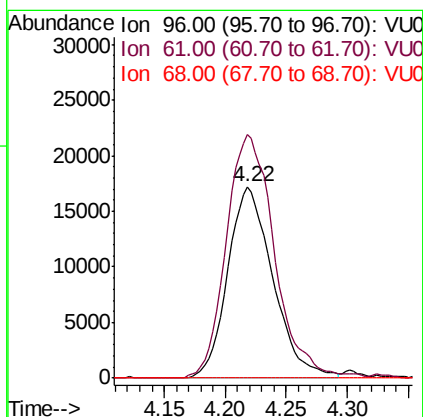
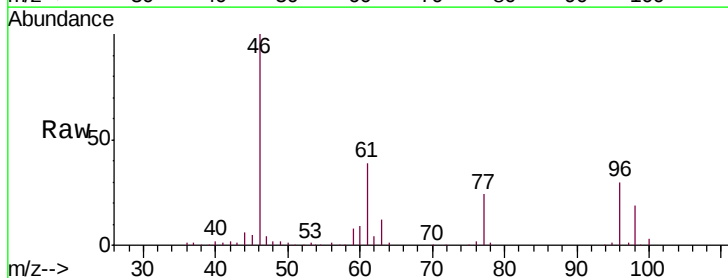
Instrument :
MSVOA_U
ClientSampleId :
A5132ME

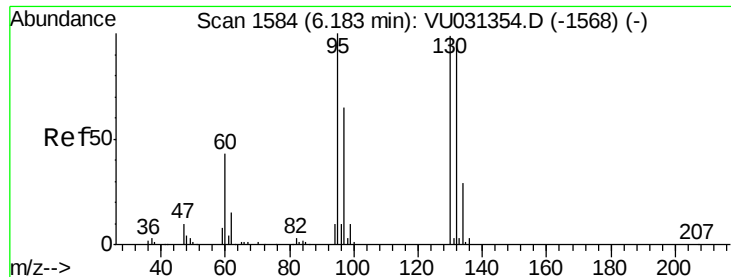
Tgt Ion: 84 Resp: 8095
Ion Ratio Lower Upper
84 100
86 58.5 44.0 81.8
49 131.6 88.0 163.4



#20
cis-1,2-Dichloroethene
Concen: 8.291 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031360.D
Acq: 19 Apr 2019 15:38

Tgt Ion: 96 Resp: 44229
Ion Ratio Lower Upper
96 100
61 127.1 98.2 182.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.860 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031360.D

Acq: 19 Apr 2019 15:38

Instrument :

MSVOA_U

ClientSampleId :

A5132ME

Tgt Ion: 95 Resp: 25543

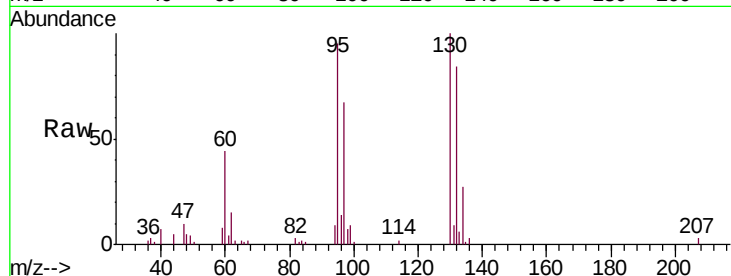
Ion Ratio Lower Upper

95 100

97 70.4 43.6 81.0

132 88.4 64.5 119.7

130 105.5 68.0 126.2



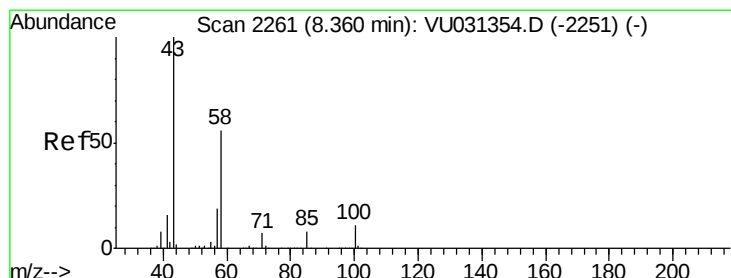
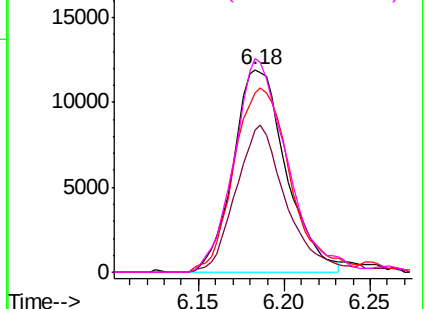
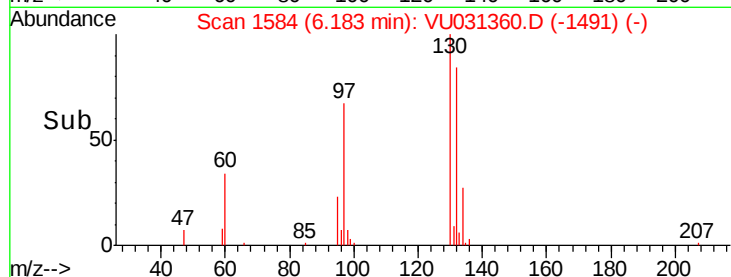
Abundance

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



#48

2-Hexanone

Concen: 4.464 ug/L

RT: 8.34 min Scan# 2255

Delta R.T. -0.02 min

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Tgt Ion: 43 Resp: 27870

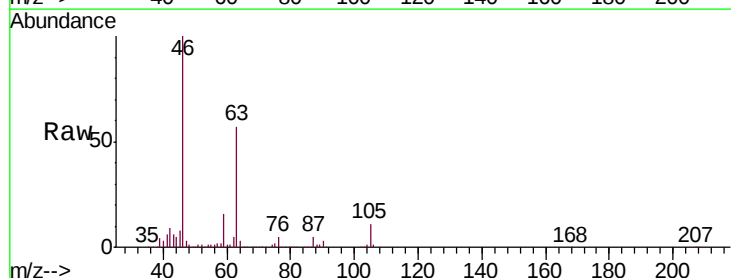
Ion Ratio Lower Upper

43 100

58 18.5 44.9 67.3#

57 23.3 15.1 22.7#

100 0.2 8.6 13.0#



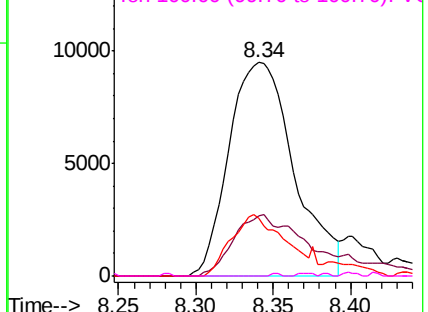
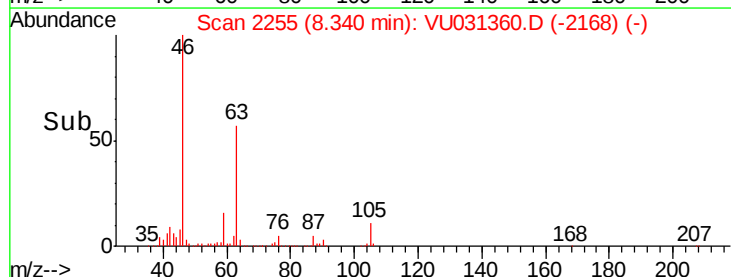
Abundance

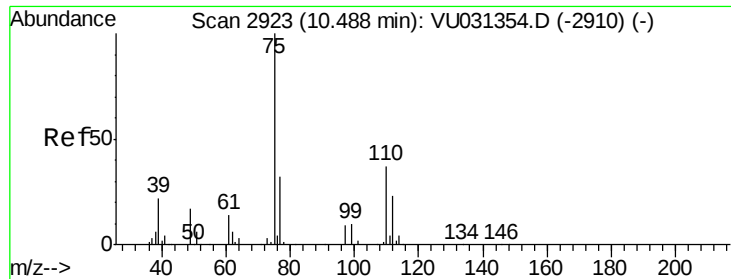
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

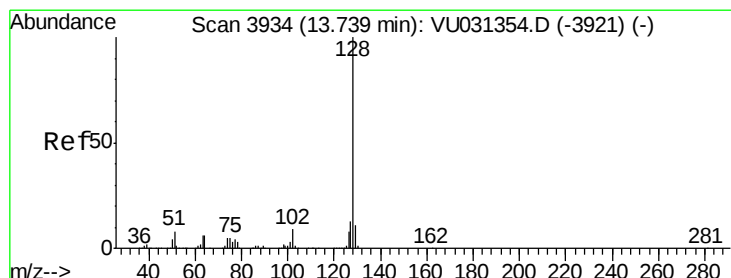
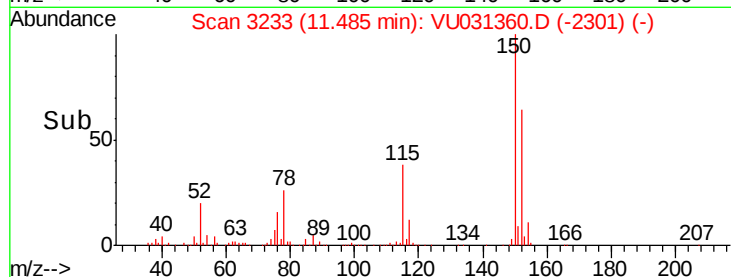
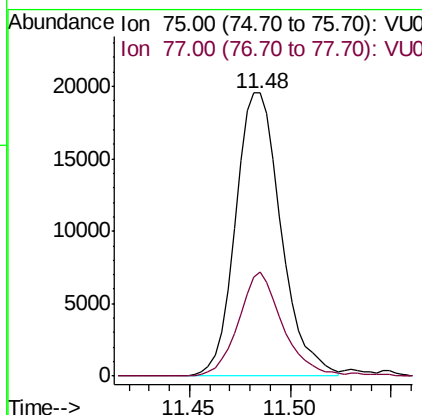
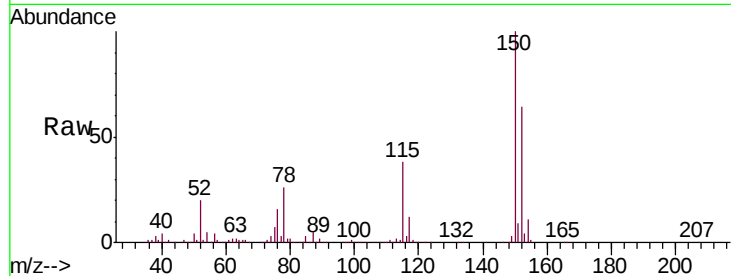




#59
 1,2,3-Trichloropropane
 Concen: 4.678 ug/L
 RT: 11.48 min Scan# 3233
 Delta R.T. 1.00 min
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Instrument :
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 ClientSampleId :
 A5132ME

Tgt Ion: 75 Resp: 30954
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.4 38.2



#69
 Naphthalene
 Concen: 16.693 ug/L
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: VU031360.D
 Acq: 19 Apr 2019 15:38

Tgt Ion: 128 Resp: 288134
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 10.5 8.2 12.2

