

Data File : VU031723.D
Acq On : 02 May 2019 19:35
Operator : JC/SP
Sample : K2661-11 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B31

Quant Time: May 03 07:29:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	944091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	873754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	361385	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	389540	49.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.60%
7) Chloroethane-d5	1.76	69	356	0.06	ug/L	0.08
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.45	63	219	0.01	ug/L	0.18
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.18	46	700976	97.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.64	84	608671	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.31	65	407252	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.16%
32) Benzene-d6	5.33	84	1301052	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.32	67	451131	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.56	98	1114610	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	187496	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.31	63	459892	112.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566210	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	351430	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%

Target Compounds

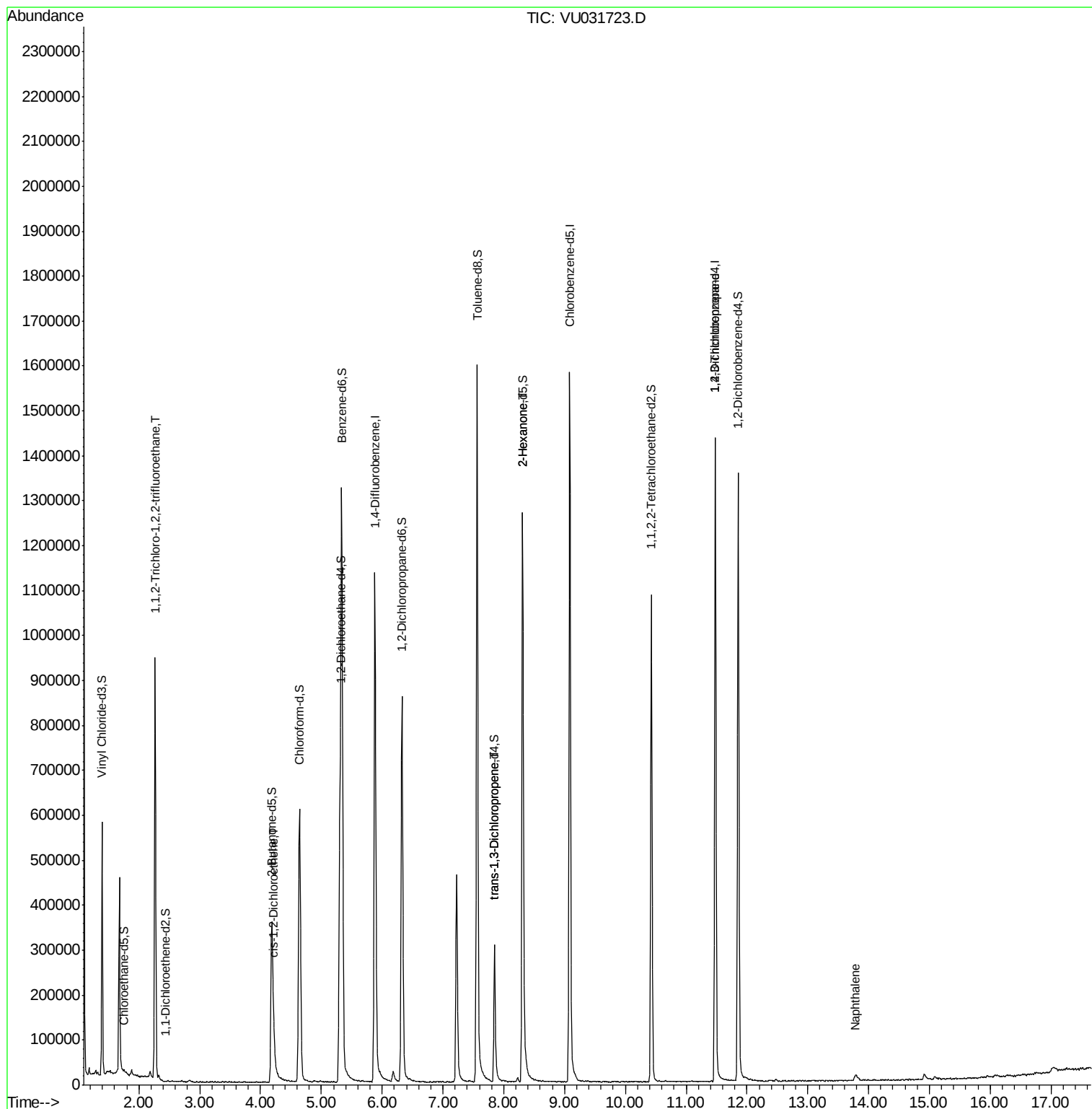
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4609	0.609 ug/L #	22
20) cis-1,2-Dichloroethene	4.22	96	6272	0.762 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	7334	0.671 ug/L #	77
48) 2-Hexanone	8.31	43	56720	4.998 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	45296	4.189 ug/L	91
69) Naphthalene	13.78	128	10248	0.424 ug/L	97

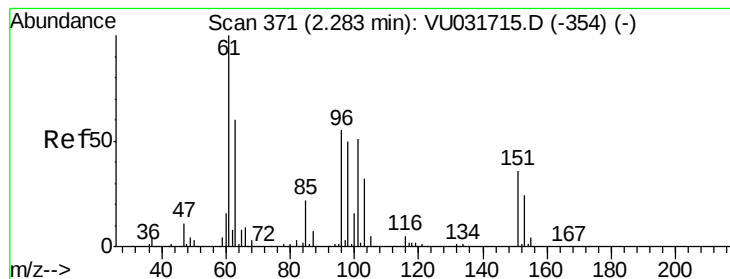
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.609 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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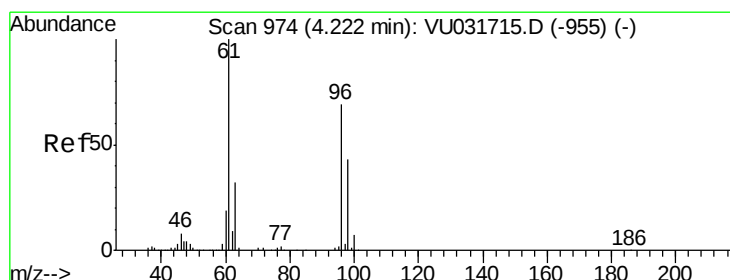
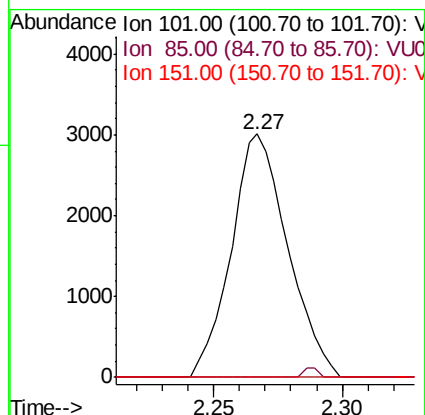
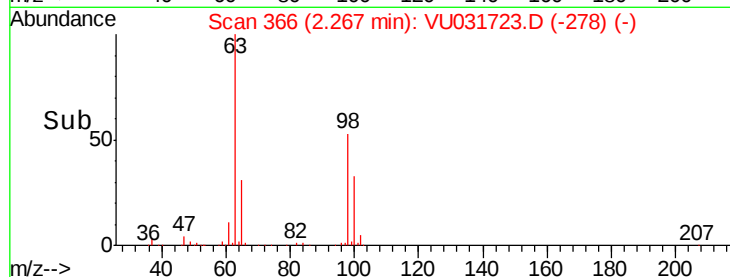
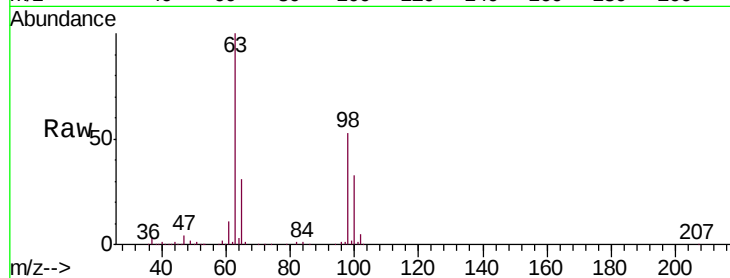
Tgt Ion: 101 Resp: 4609

Ion Ratio Lower Upper

101 100

85 1.0 36.1 54.1#

151 0.0 56.1 84.1#



#20

cis-1,2-Dichloroethene

Concen: 0.762 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

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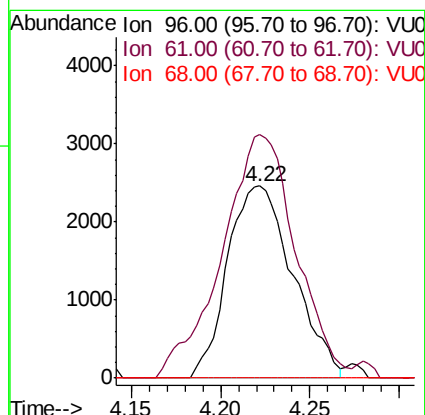
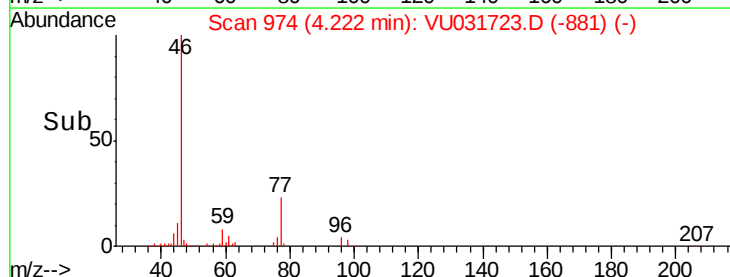
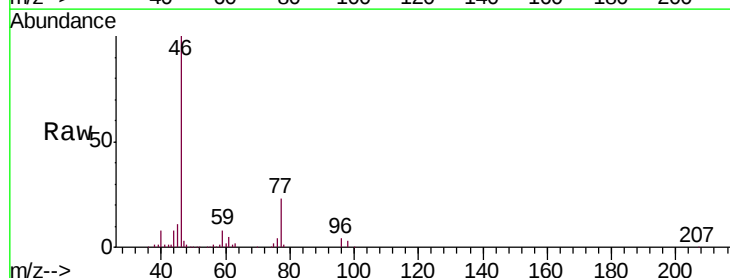
Tgt Ion: 96 Resp: 6272

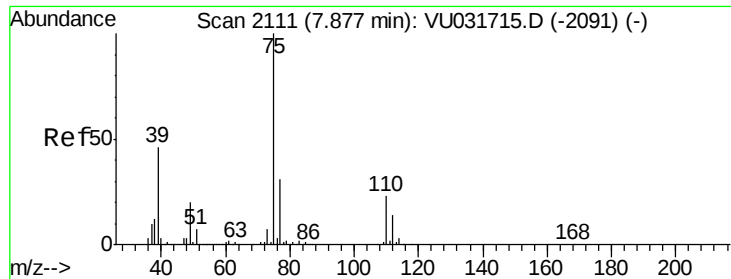
Ion Ratio Lower Upper

96 100

61 126.9 99.5 184.7

68 0.0 0.0 0.0

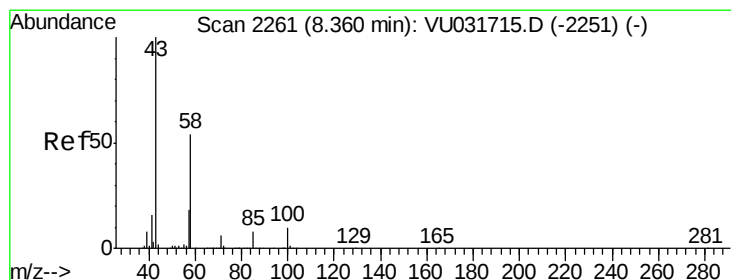
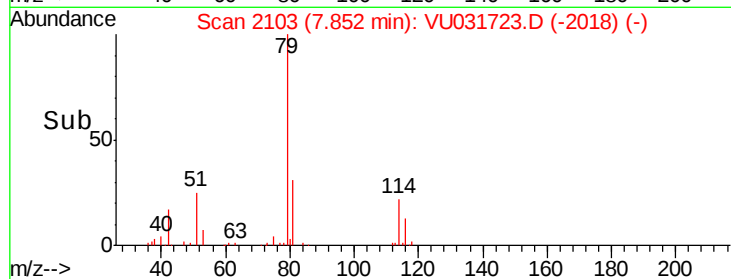
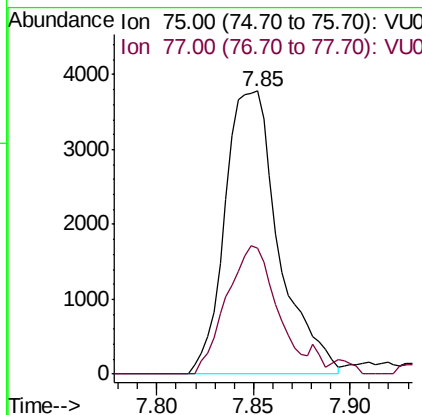
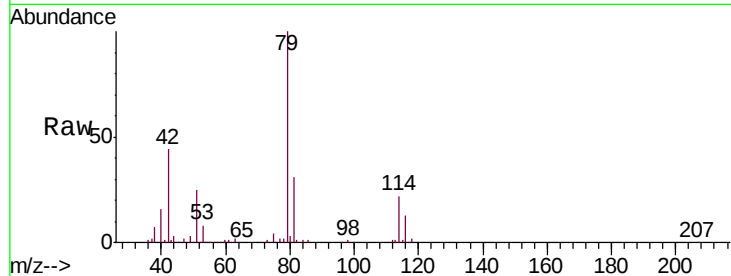




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
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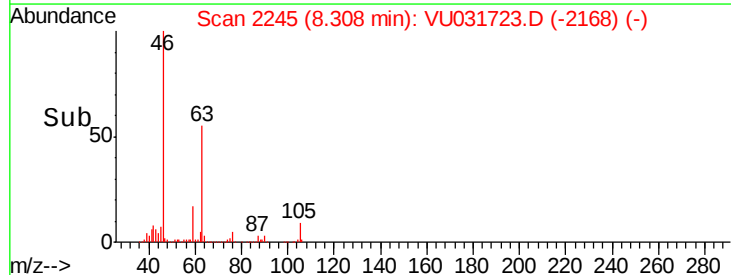
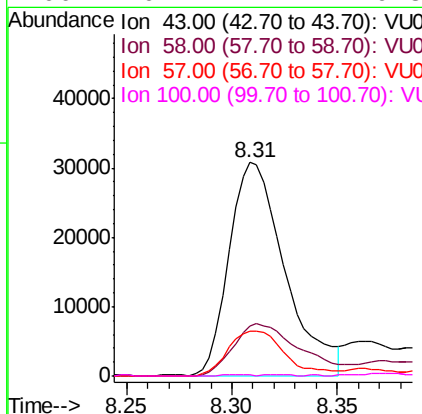
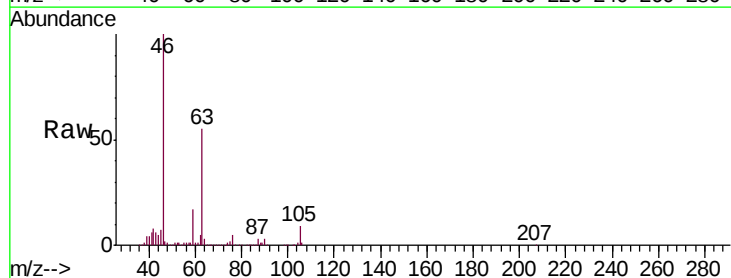
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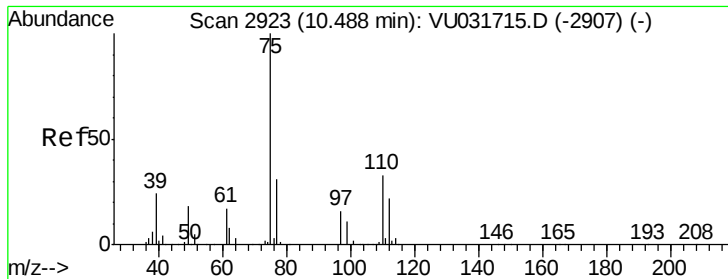
Tgt Ion: 75 Resp: 7334
Ion Ratio Lower Upper
75 100
77 44.4 22.1 41.1#



#48
2-Hexanone
Concen: 4.998 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031723.D
Acq: 02 May 2019 19:35

Tgt Ion: 43 Resp: 56720
Ion Ratio Lower Upper
43 100
58 29.2 42.1 63.1#
57 21.8 14.6 22.0
100 0.2 7.2 10.8#

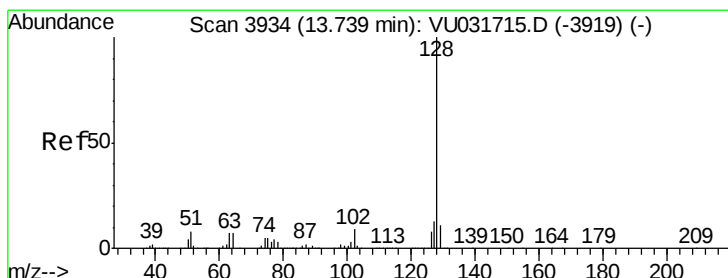
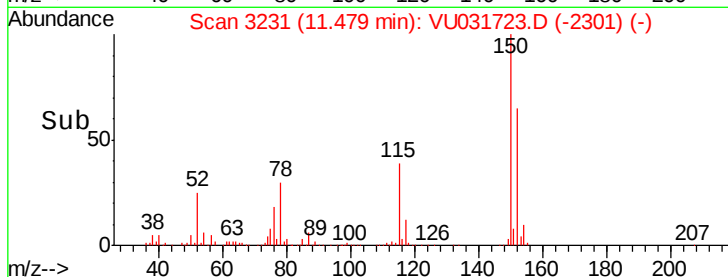
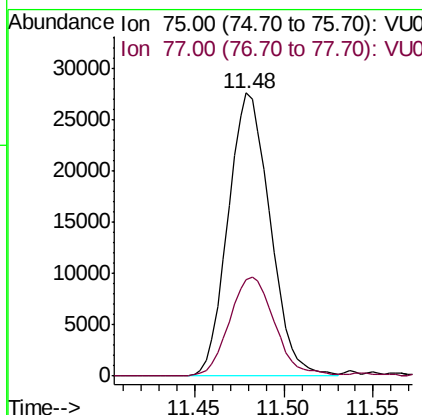
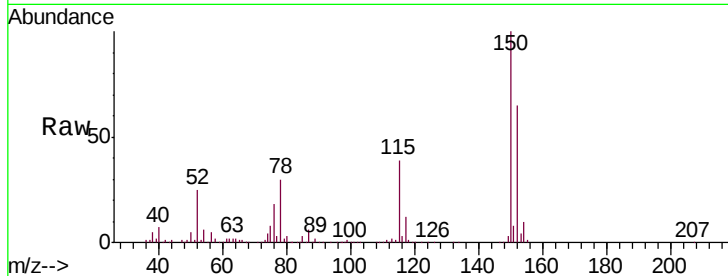




#59
 1,2,3-Trichloropropane
 Concen: 4.189 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
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Tgt Ion: 75 Resp: 45296
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.9 38.9



#69
 Naphthalene
 Concen: 0.424 ug/L
 RT: 13.78 min Scan# 3946
 Delta R.T. 0.04 min
 Lab File: VU031723.D
 Acq: 02 May 2019 19:35

Tgt Ion: 128 Resp: 10248
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.6 15.8
 129 9.7 8.7 13.1

