

Data File : VU031372.D
Acq On : 19 Apr 2019 20:17
Operator : JC/SP
Sample : K2455-09
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHQ9

Quant Time: Apr 19 23:17:14 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	618944	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	657693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	310543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166442	29.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.40%#
7) Chloroethane-d5	1.68	69	116381	23.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.04%#
11) 1,1-Dichloroethene-d2	2.24	63	263005	23.29	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.58%#
21) 2-Butanone-d5	4.21	46	264559	63.73	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.73%
24) Chloroform-d	4.64	84	307401	32.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.64%#
26) 1,2-Dichloroethane-d4	5.31	65	193264	33.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.00%#
32) Benzene-d6	5.33	84	644301	30.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.98%#
36) 1,2-Dichloropropane-d6	6.33	67	218207	32.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.68%#
41) Toluene-d8	7.56	98	705559	38.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.12%#
43) trans-1,3-Dichloropropene-	7.85	79	119284	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
47) 2-Hexanone-d5	8.34	63	286416	89.91	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	349891	37.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	263444	36.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.98%#

Target Compounds

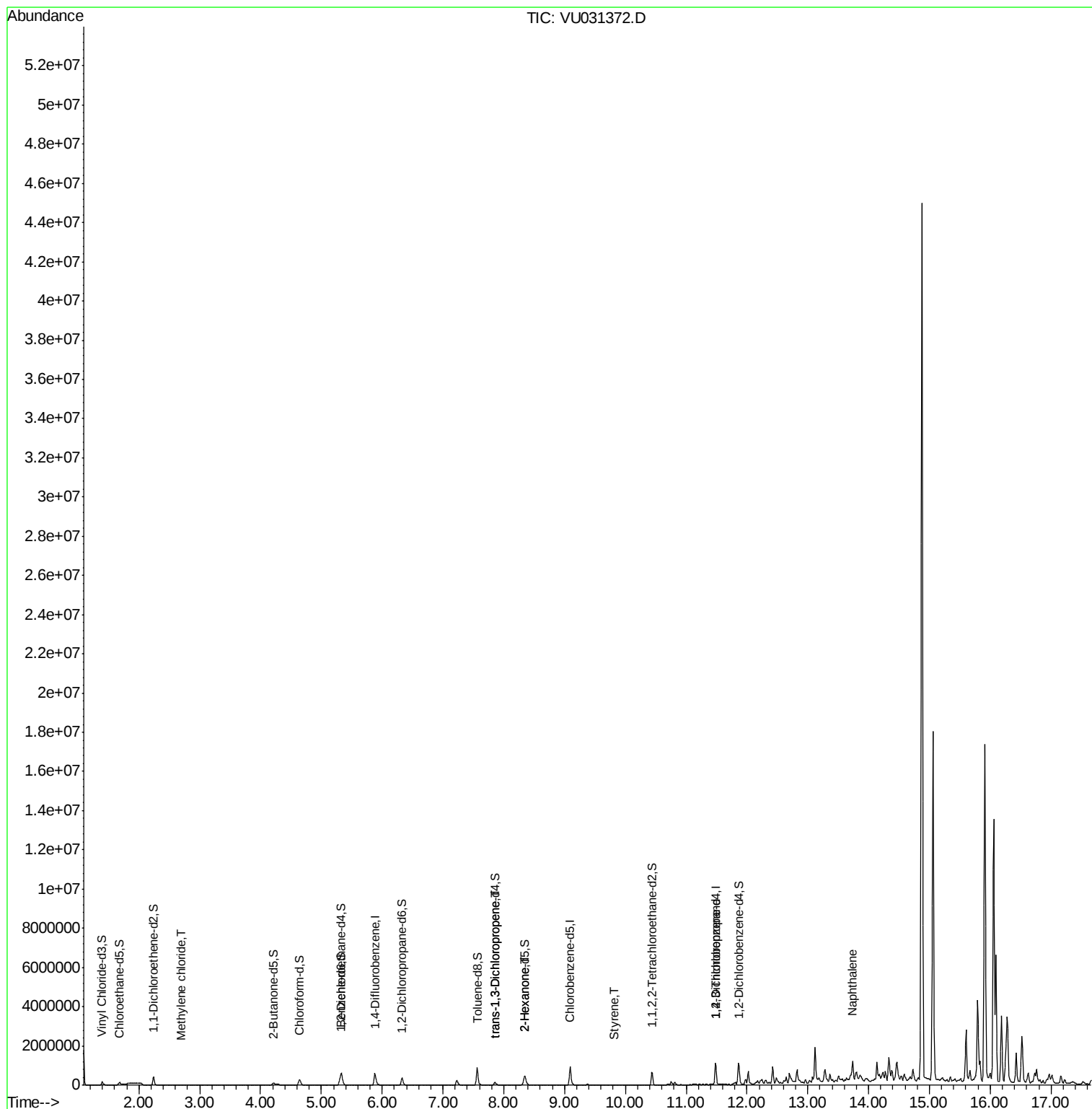
						Qvalue
16) Methylene chloride	2.69	84	3383	0.717	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4316	0.566	ug/L	91
48) 2-Hexanone	8.34	43	29954	4.557	ug/L #	62
55) Styrene	9.81	104	6772	0.469	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	33072	4.746	ug/L	93
69) Naphthalene	13.74	128	771696	39.514	ug/L	99

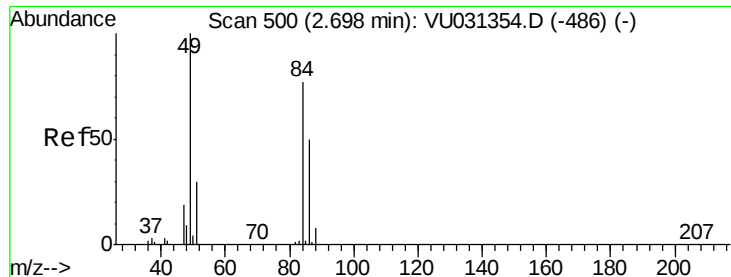
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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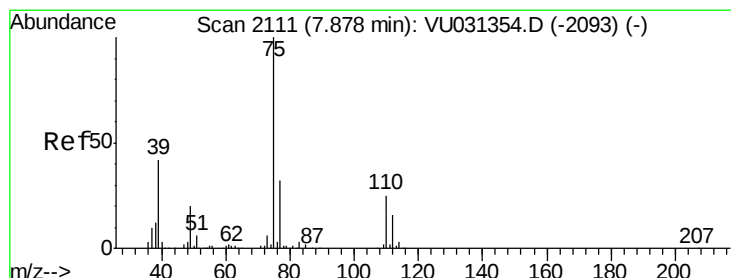
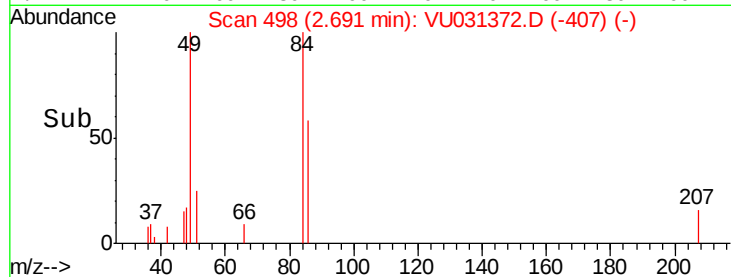
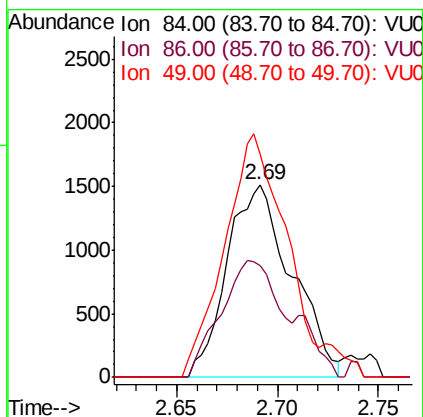
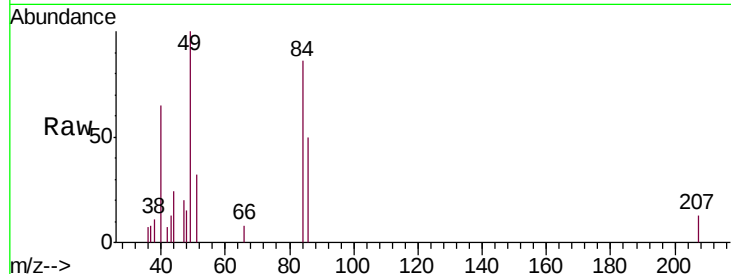




#16
Methylene chloride
Concen: 0.717 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031372.D
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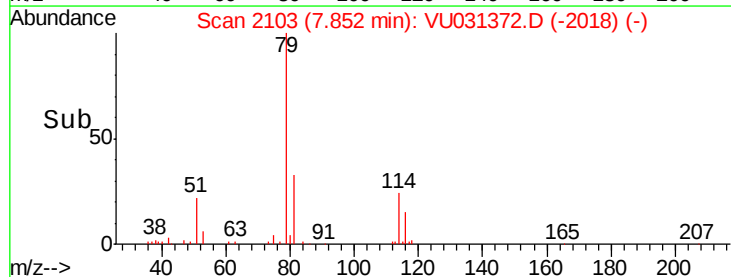
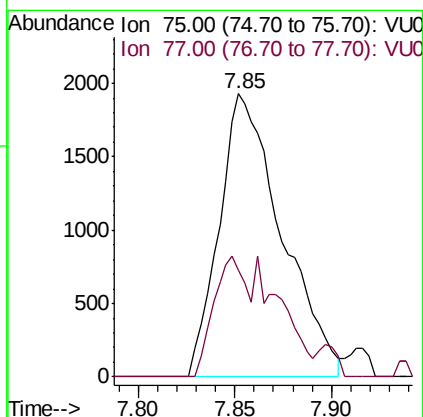
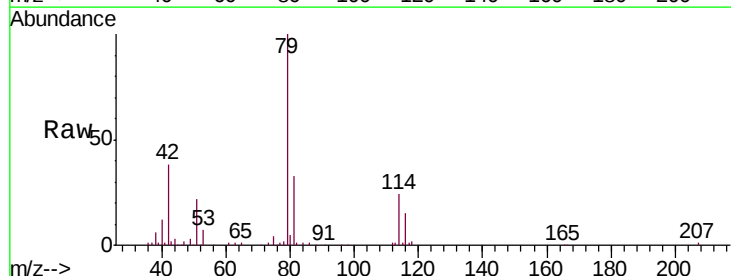
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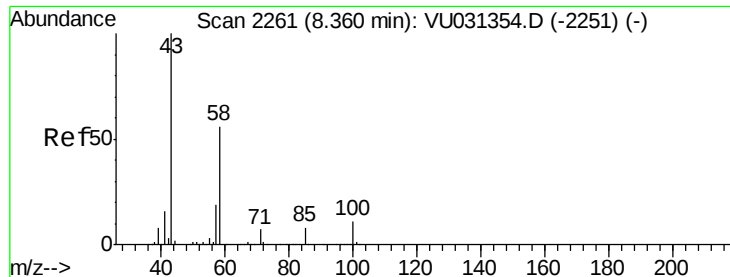
Tgt Ion: 84 Resp: 3383
Ion Ratio Lower Upper
84 100
86 58.2 44.0 81.8
49 115.9 88.0 163.4



#44
trans-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031372.D
Acq: 19 Apr 2019 20:17

Tgt Ion: 75 Resp: 4316
Ion Ratio Lower Upper
75 100
77 37.8 22.8 42.4

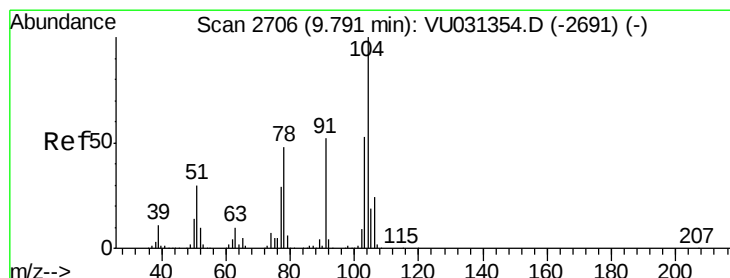
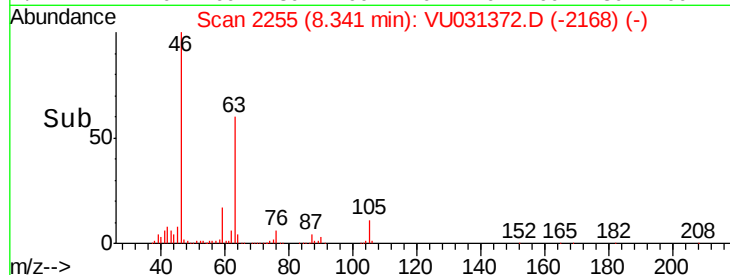
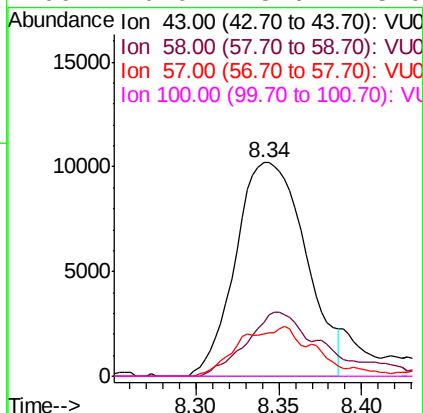
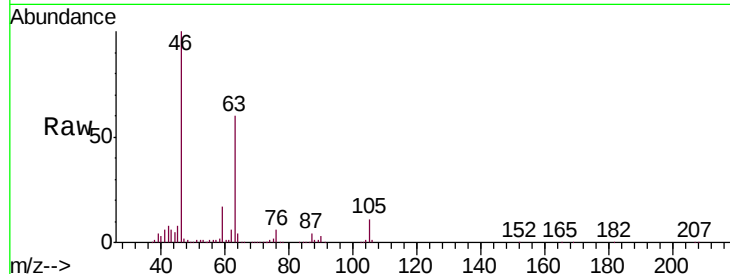




#48
2-Hexanone
Concen: 4.557 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VU031372.D
Acq: 19 Apr 2019 20:17

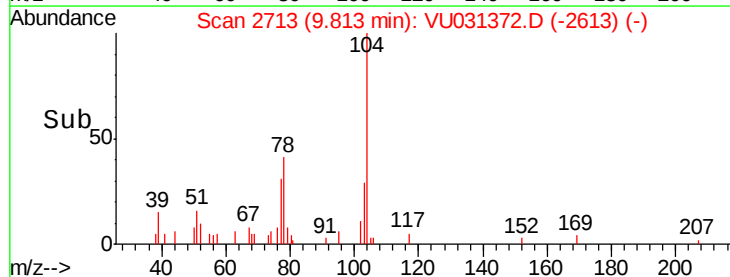
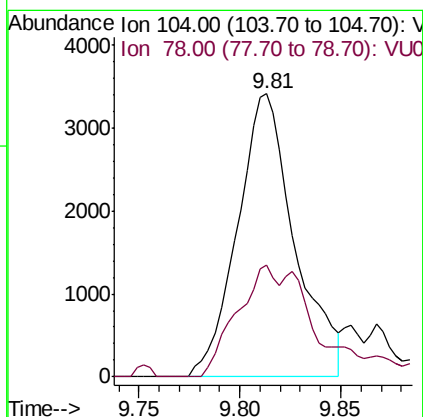
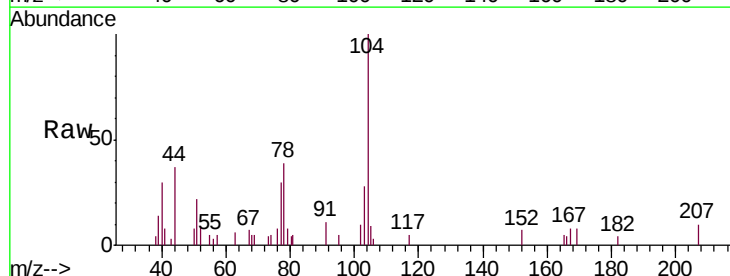
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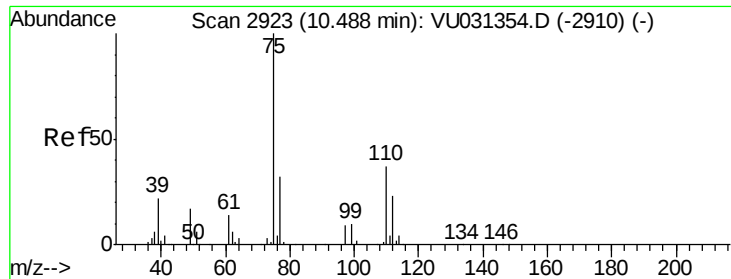
Tgt Ion: 43 Resp: 29954
Ion Ratio Lower Upper
43 100
58 23.8 44.9 67.3#
57 8.5 15.1 22.7#
100 0.0 8.6 13.0#



#55
Styrene
Concen: 0.469 ug/L
RT: 9.81 min Scan# 2713
Delta R.T. 0.02 min
Lab File: VU031372.D
Acq: 19 Apr 2019 20:17

Tgt Ion: 104 Resp: 6772
Ion Ratio Lower Upper
104 100
78 39.4 32.8 61.0

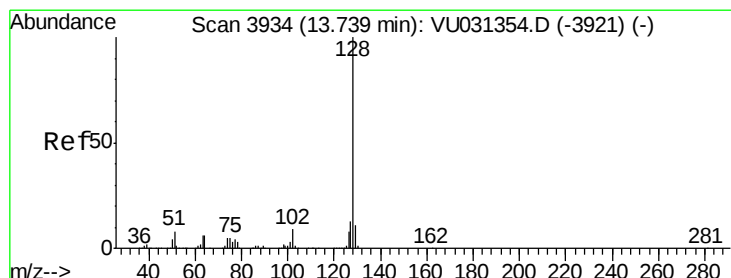
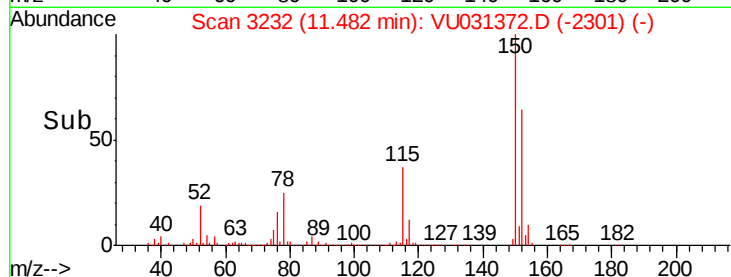
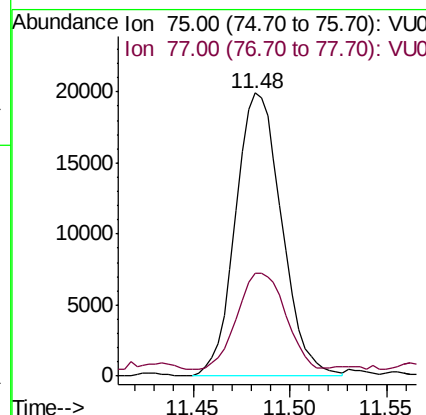
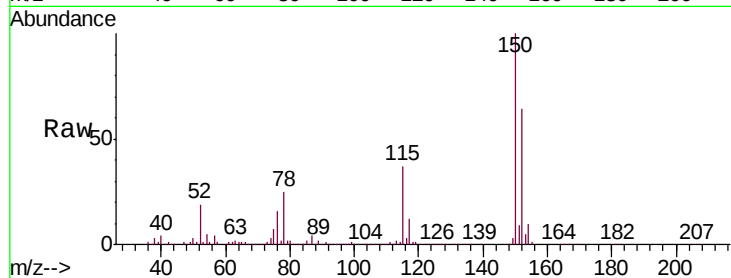




#59
 1,2,3-Trichloropropane
 Concen: 4.746 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031372.D
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 GAHQ9

Tgt Ion: 75 Resp: 33072
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.2



#69
 Naphthalene
 Concen: 39.514 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. -0.00 min
 Lab File: VU031372.D
 Acq: 19 Apr 2019 20:17

Tgt Ion: 128 Resp: 771696
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 9.4 8.2 12.2

