

Data File : VU034771.D
Acq On : 24 Sep 2019 15:15
Operator : JC/SP
Sample : K4984-09 10X
Misc : 4.59g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDL3

Quant Time: Sep 25 03:02:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	494628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	472553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	224284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	186817	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.78%
7) Chloroethane-d5	1.81	69	351	0.09	ug/L	0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.18%#
11) 1,1-Dichloroethene-d2	2.25	63	254318	29.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.32%#
21) 2-Butanone-d5	4.15	46	380686	98.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.09%
24) Chloroform-d	4.62	84	327108	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.28	65	227579	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
32) Benzene-d6	5.31	84	701460	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
36) 1,2-Dichloropropane-d6	6.31	67	243951	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.54	98	671899	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.83	79	110700	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.29	63	264203	102.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	346966	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.84	152	242114	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

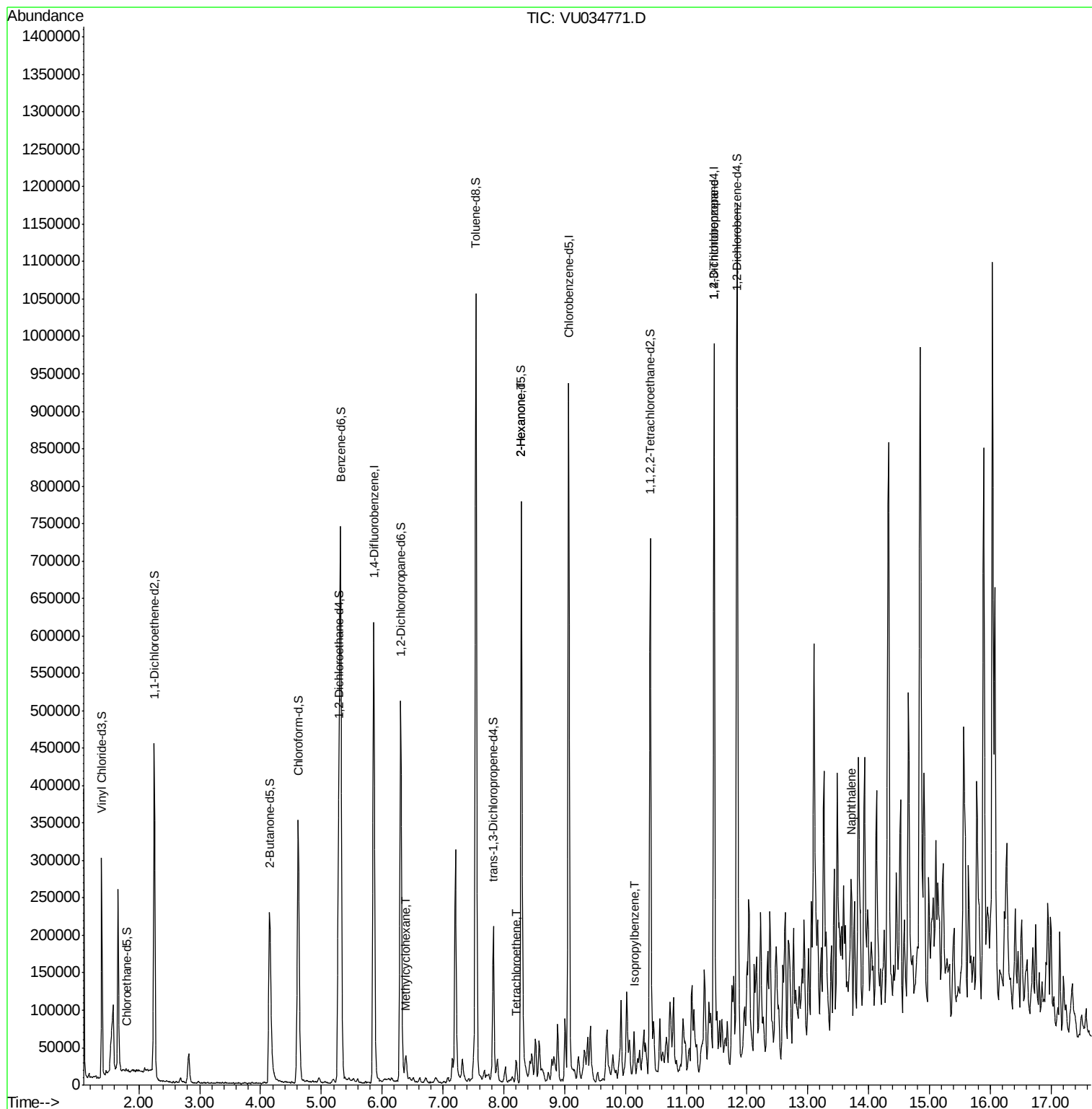
					Qvalue
35) Methylcyclohexane	6.39	83	13225	1.925 ug/L	95
46) Tetrachloroethene	8.21	164	3593	1.262 ug/L	91
48) 2-Hexanone	8.29	43	47784	6.567 ug/L #	66
56) Isopropylbenzene	10.14	105	31757	1.686 ug/L	94
59) 1,2,3-Trichloropropane	11.46	75	33401	5.480 ug/L	90
69) Naphthalene	13.72	128	48791	3.444 ug/L #	94

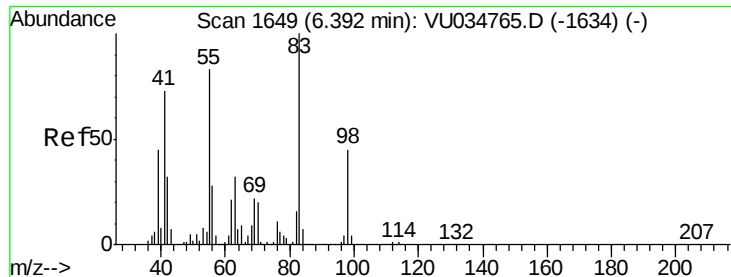
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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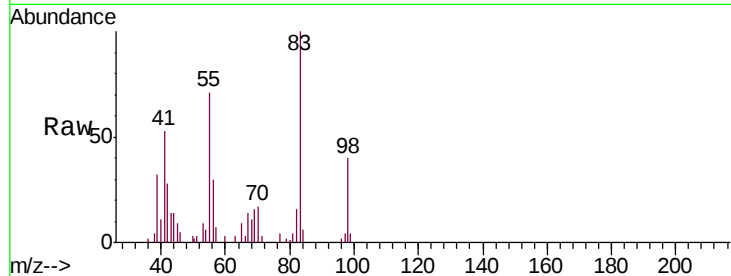




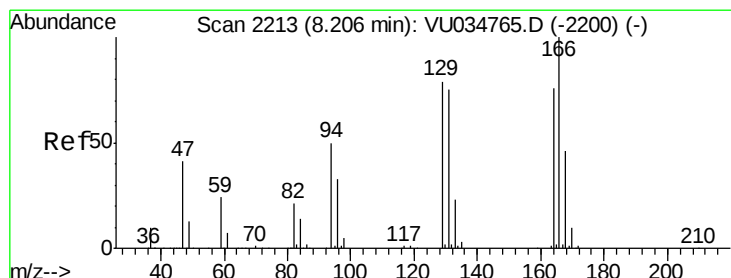
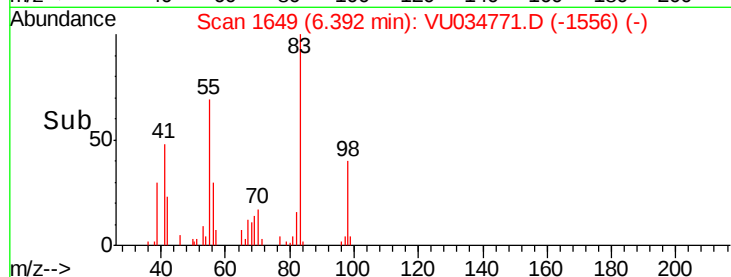
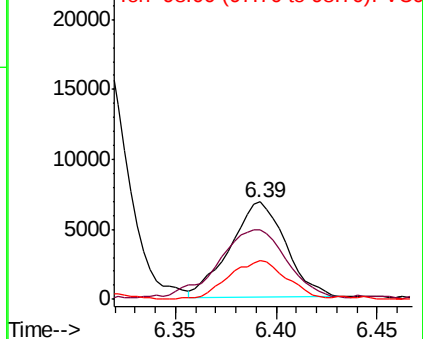
#35
Methylcyclohexane
Concen: 1.925 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034771.D
Acq: 24 Sep 2019 15:15

Instrument :
MSVOA_U
ClientSampleId :
BEDL3

Tgt Ion: 83 Resp: 13225
Ion Ratio Lower Upper
83 100
55 84.6 71.6 107.4
98 41.8 35.7 53.5

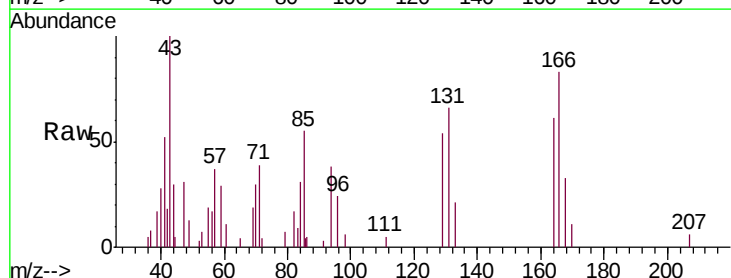


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

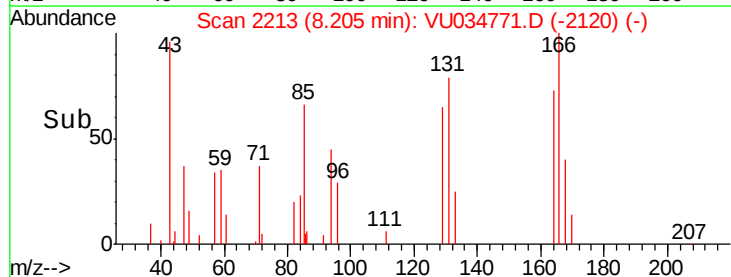
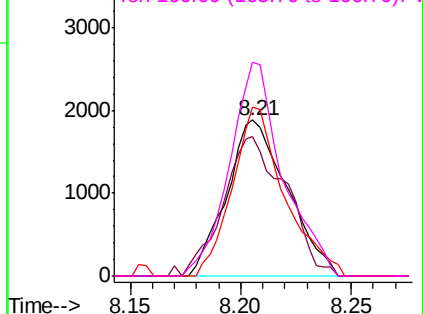


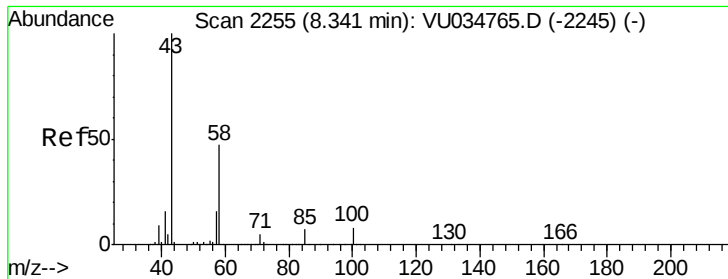
#46
Tetrachloroethene
Concen: 1.262 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034771.D
Acq: 24 Sep 2019 15:15

Tgt Ion: 164 Resp: 3593
Ion Ratio Lower Upper
164 100
129 89.4 71.9 133.5
131 108.5 66.3 123.1
166 136.9 93.4 173.6



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

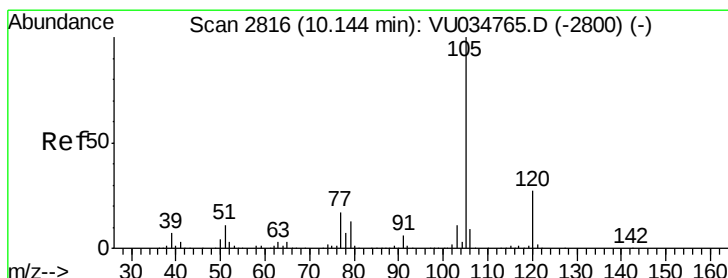
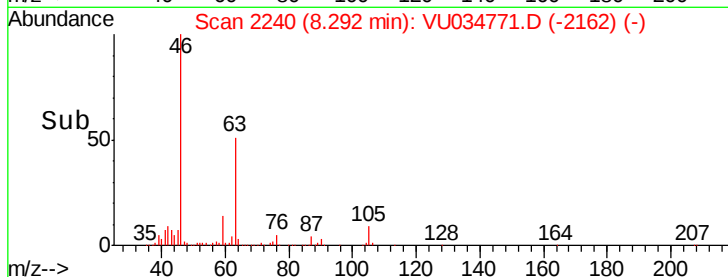
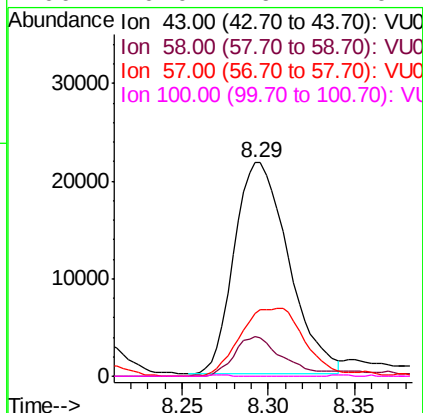
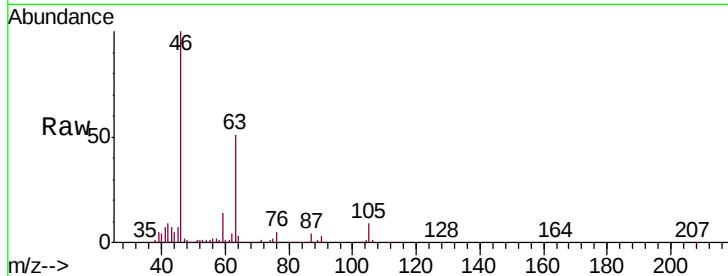




#48
2-Hexanone
Concen: 6.567 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034771.D
Acq: 24 Sep 2019 15:15

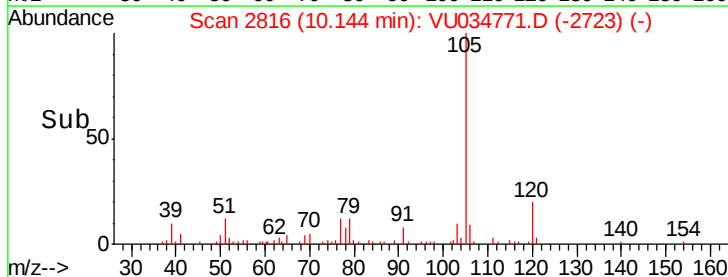
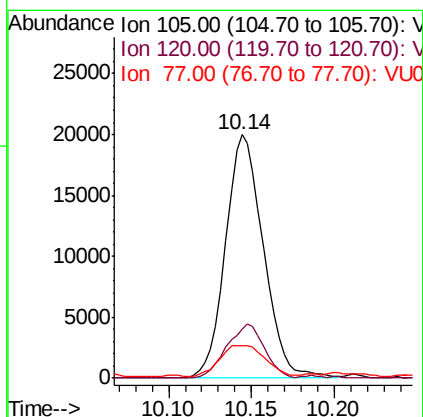
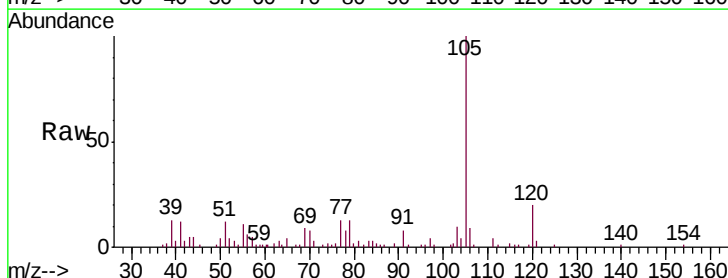
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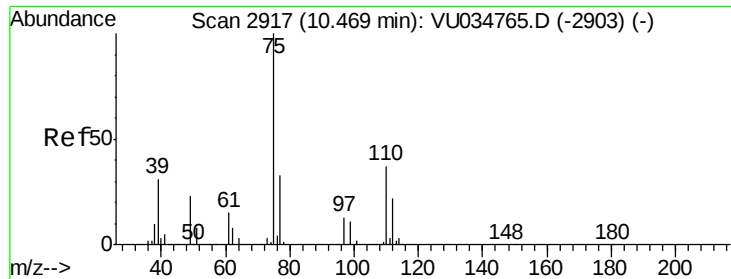
Tgt Ion:	43	Resp:	47784
Ion	Ratio	Lower	Upper
43	100		
58	16.1	35.3	52.9#
57	19.7	12.1	18.1#
100	0.0	6.2	9.4#



#56
Isopropylbenzene
Concen: 1.686 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034771.D
Acq: 24 Sep 2019 15:15

Tgt Ion:	105	Resp:	31757
Ion	Ratio	Lower	Upper
105	100		
120	21.9	20.4	30.6
77	15.5	14.2	21.4

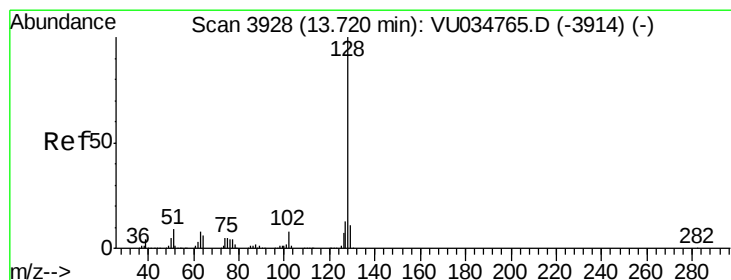
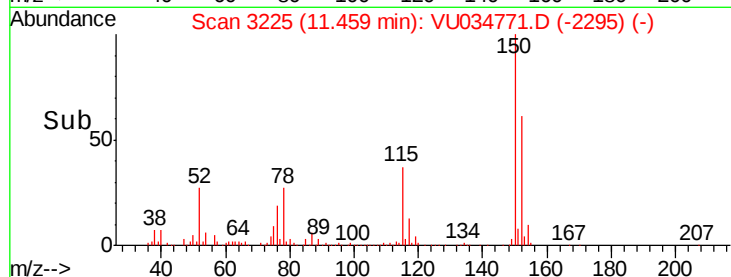
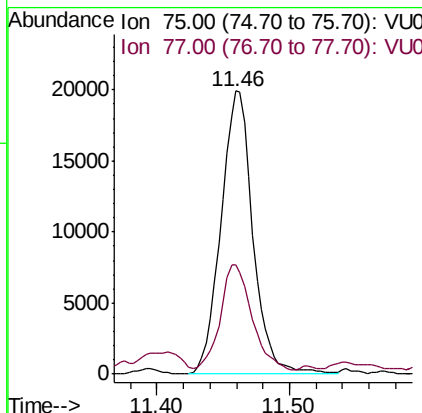
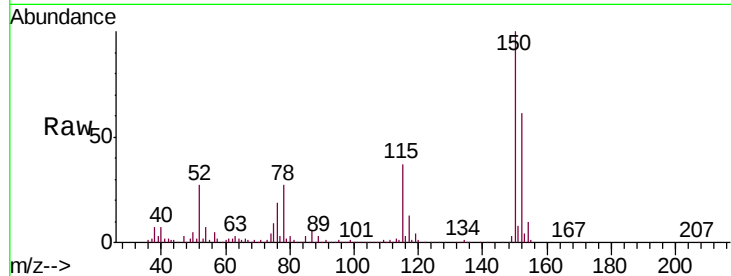




#59
 1,2,3-Trichloropropane
 Concen: 5.480 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034771.D
 Acq: 24 Sep 2019 15:15

Instrument :
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 BEDL3

Tgt Ion: 75 Resp: 33401
 Ion Ratio Lower Upper
 75 100
 77 36.1 24.6 37.0



#69
 Naphthalene
 Concen: 3.444 ug/L
 RT: 13.72 min Scan# 3929
 Delta R.T. 0.00 min
 Lab File: VU034771.D
 Acq: 24 Sep 2019 15:15

Tgt Ion: 128 Resp: 48791
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.8 16.2
 129 14.2 8.6 12.8#

