

Data File : VU036591.D
Acq On : 29 Jan 2020 14:16
Operator : JC/MD
Sample : VIBLK21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK21

Quant Time: Jan 30 02:51:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306934	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100725	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.93	69	88859	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.59	63	129775	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.68	46	145332	106.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	5.11	84	167569	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.75	65	106310	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.77	84	385519	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.73	67	120622	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.93	98	369584	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%
43) trans-1,3-Dichloropropene-	8.21	79	55808	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.44%
47) 2-Hexanone-d5	8.67	63	129300	112.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173655	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	12.21	152	134990	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

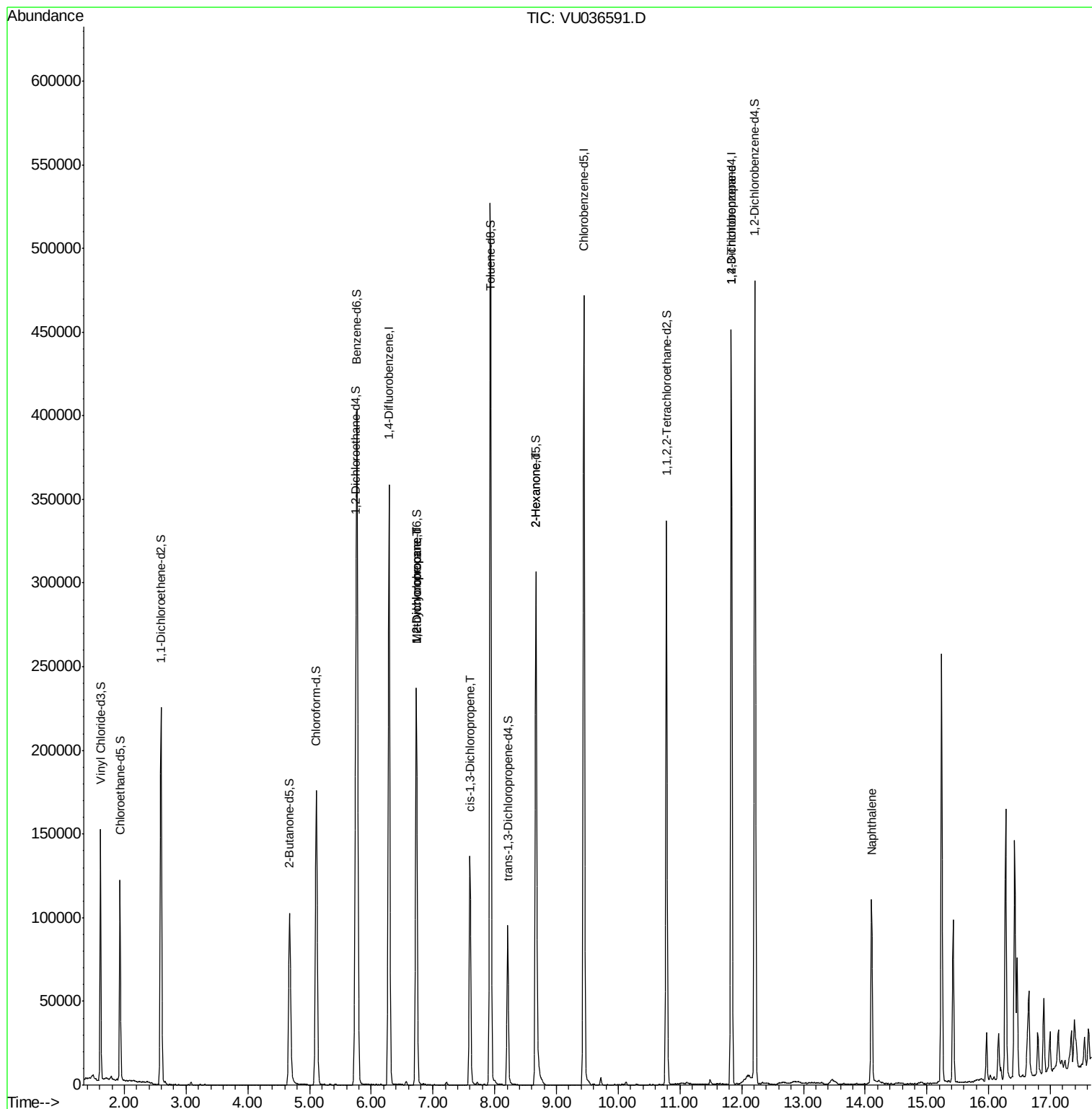
					Qvalue
35) Methylcyclohexane	6.73	83	27847	7.653 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	12205	5.665 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3100	0.893 ug/L #	62
48) 2-Hexanone	8.67	43	11706	5.627 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	13730	4.715 ug/L	91
69) Naphthalene	14.10	128	90451	14.682 ug/L	99

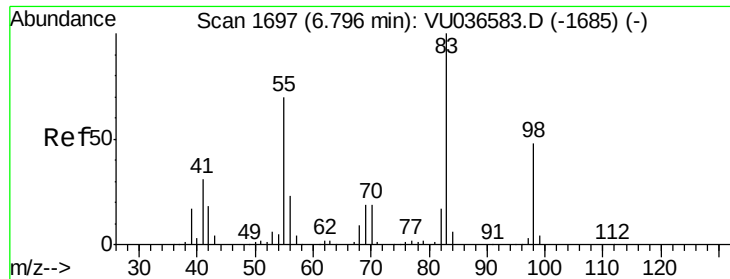
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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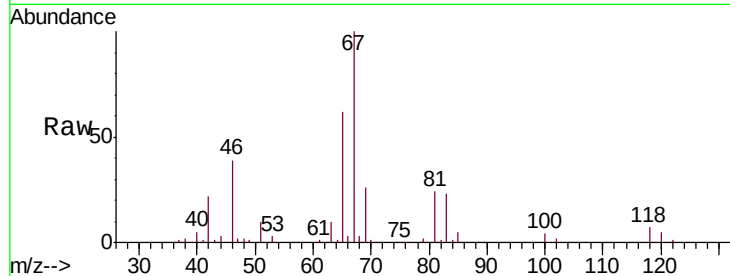




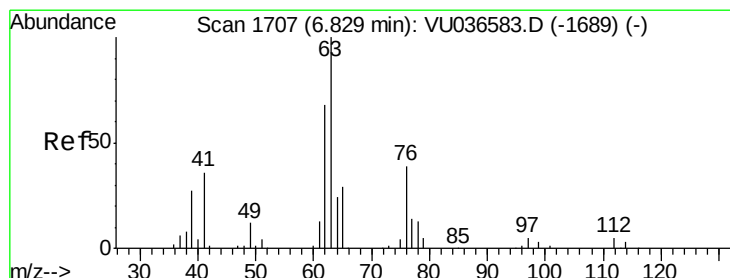
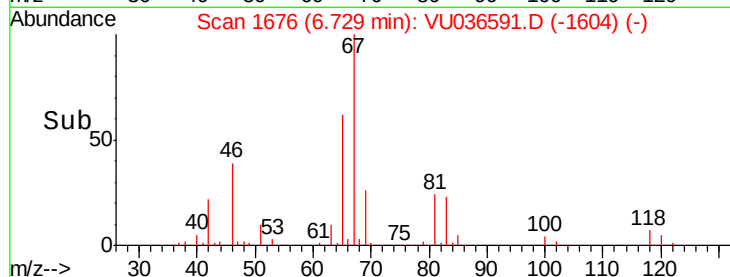
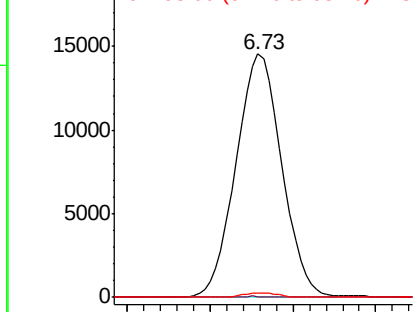
#35
Methylcyclohexane
Concen: 7.653 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036591.D
Acq: 29 Jan 2020 14:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK21

Tgt Ion: 83 Resp: 27847
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 1.3 37.5 56.3#

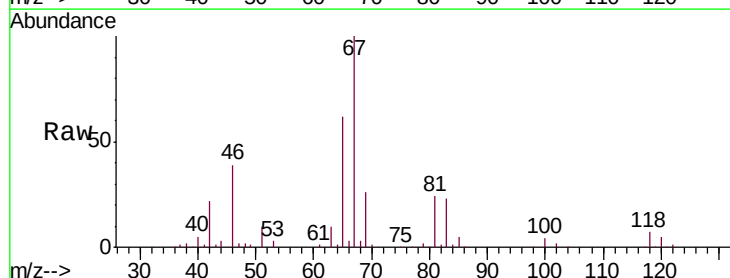


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

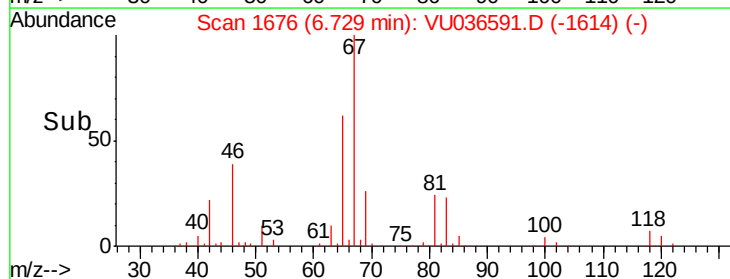
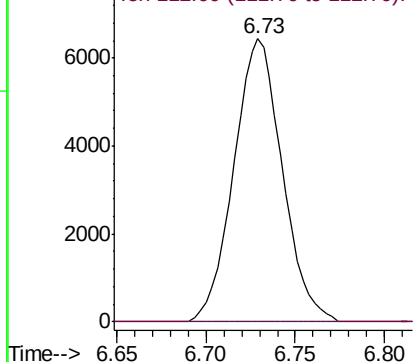


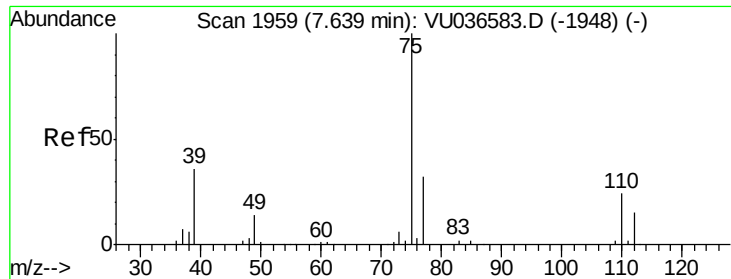
#37
1,2-Dichloropropane
Concen: 5.665 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036591.D
Acq: 29 Jan 2020 14:16

Tgt Ion: 63 Resp: 12205
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

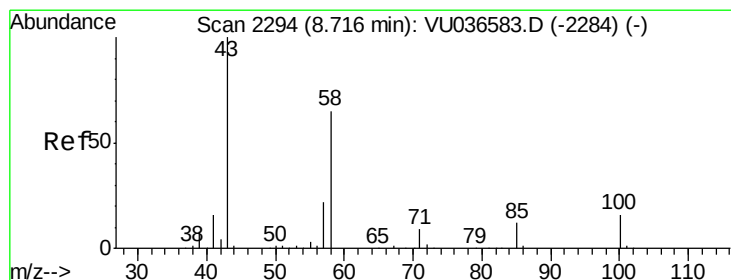
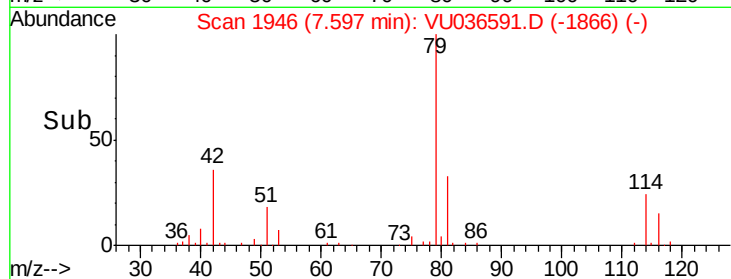
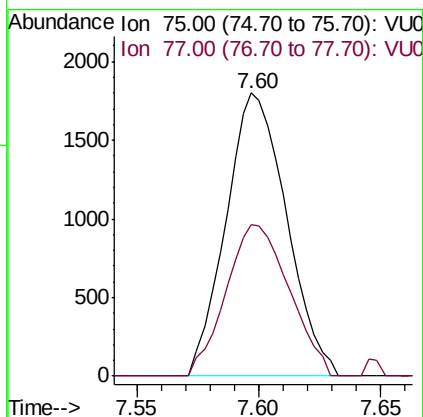
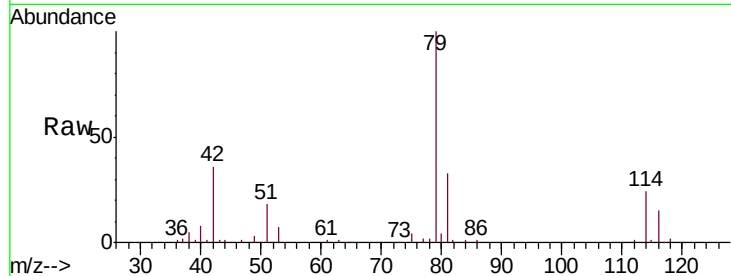




#39
 cis-1,3-Dichloropropene
 Concen: 0.893 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036591.D
 Acq: 29 Jan 2020 14:16

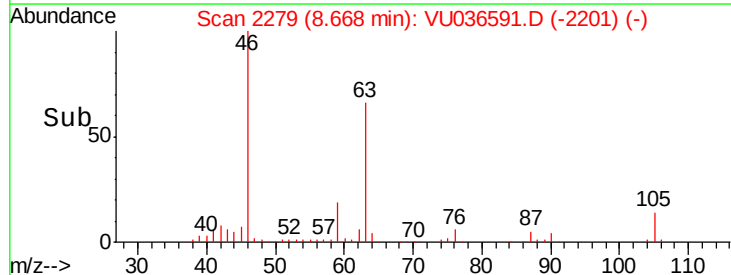
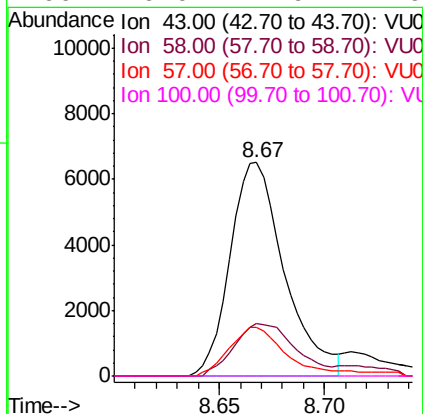
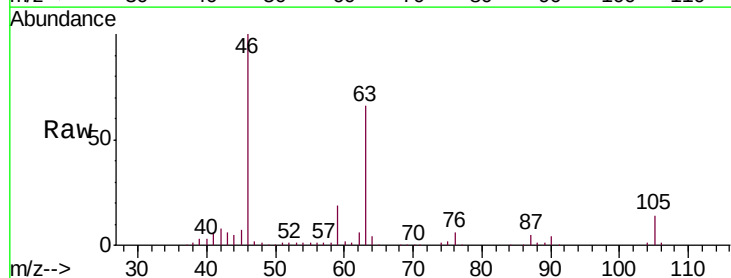
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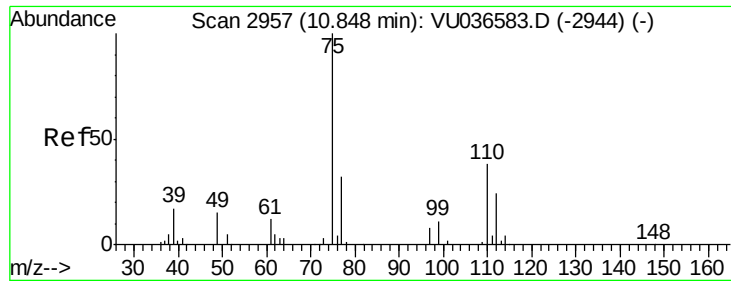
Tgt Ion: 75 Resp: 3100
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.627 ug/L
 RT: 8.67 min Scan# 2279
 Delta R.T. -0.05 min
 Lab File: VU036591.D
 Acq: 29 Jan 2020 14:16

Tgt Ion: 43 Resp: 11706
 Ion Ratio Lower Upper
 43 100
 58 27.5 49.4 74.0#
 57 23.2 17.1 25.7
 100 0.0 11.9 17.9#

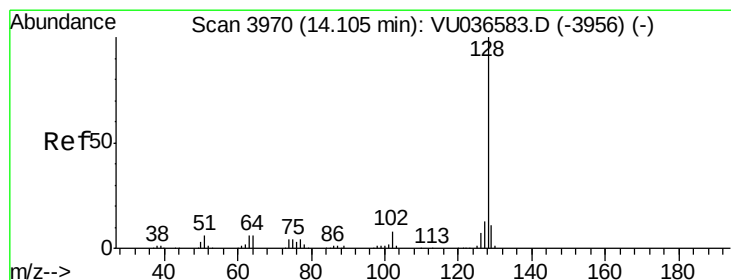
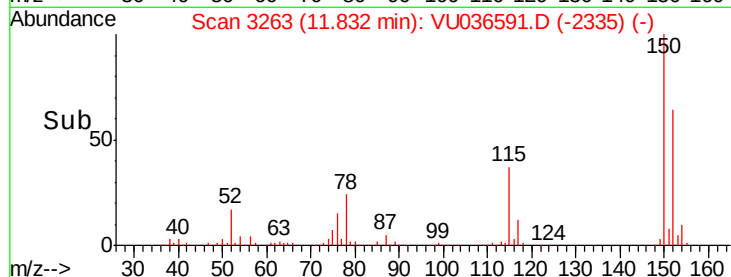
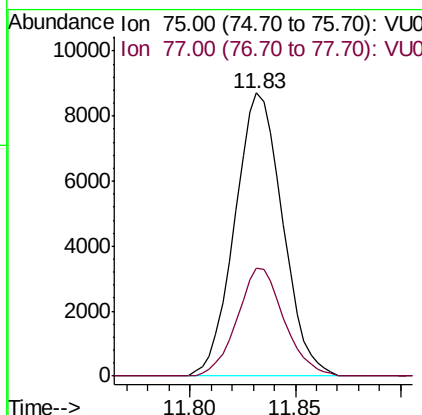
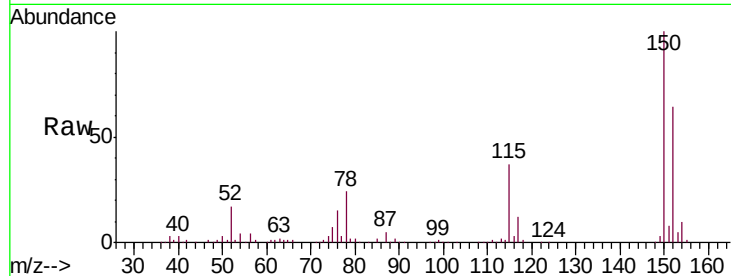




#59
 1,2,3-Trichloropropane
 Concen: 4.715 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036591.D
 Acq: 29 Jan 2020 14:16

Instrument :
 MSVOA_U
 ClientSampleID :
 VIBLK21

Tgt Ion: 75 Resp: 13730
 Ion Ratio Lower Upper
 75 100
 77 37.5 26.2 39.2



#69
 Naphthalene
 Concen: 14.682 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VU036591.D
 Acq: 29 Jan 2020 14:16

Tgt Ion: 128 Resp: 90451
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 15.8
 129 10.9 8.6 12.8

