

Data File : VU036867.D
Acq On : 20 Feb 2020 14:38
Operator : JC/MD
Sample : L1580-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDW2

Quant Time: Feb 21 00:52:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	140265	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46276	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	43349	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	64466	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.68	46	121767	48.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.28%
24) Chloroform-d	5.11	84	81453	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	47111	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.76	84	179871	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	58239	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	159960	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.21	79	19510	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.66	63	104122	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42979	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	49545	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

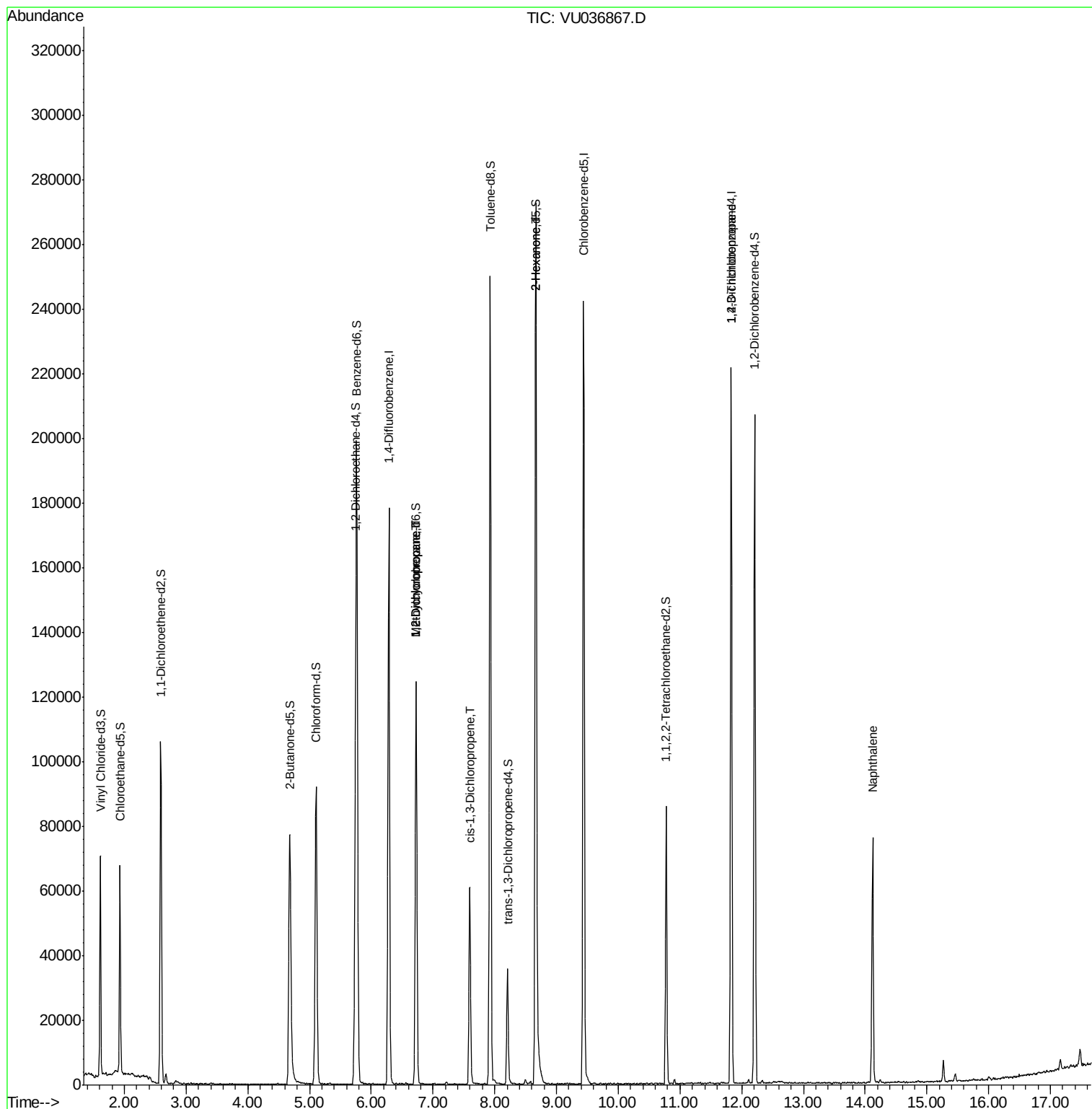
					Qvalue
35) Methylcyclohexane	6.73	83	12448	0.780 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6506	0.603 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1656	0.106 ug/L #	75
48) 2-Hexanone	8.66	43	11524	1.935 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	8072	1.134 ug/L	94
69) Naphthalene	14.12	128	59066	3.357 ug/L	99

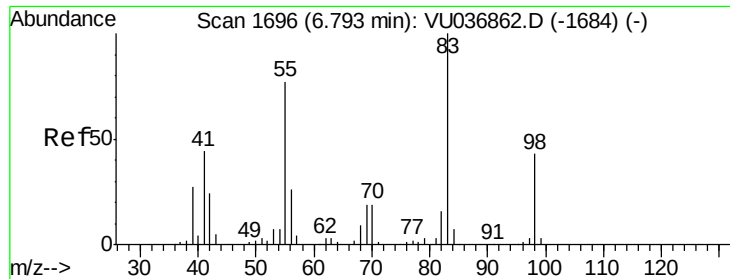
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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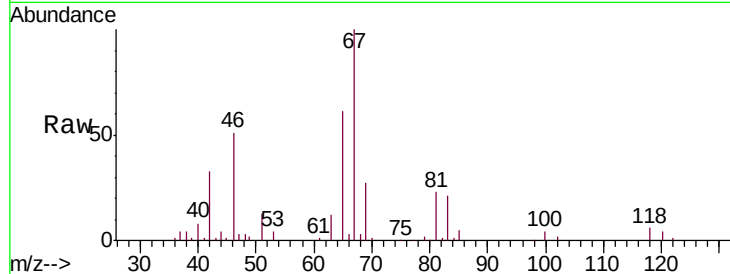




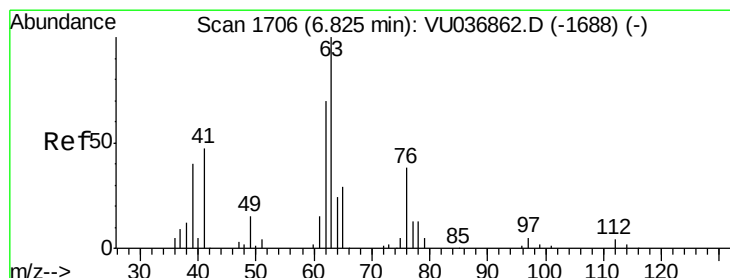
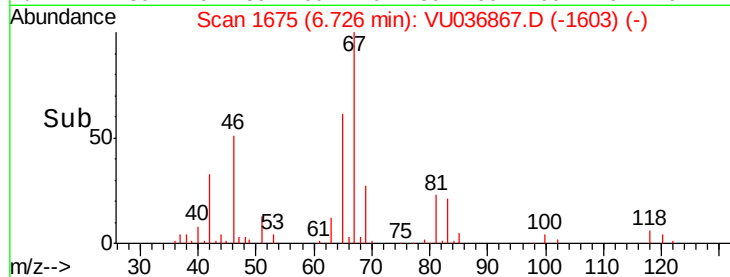
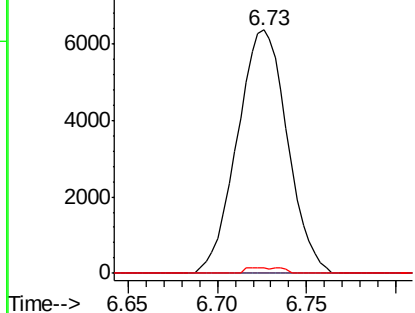
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036867.D
Acq: 20 Feb 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
DBDW2

Tgt Ion: 83 Resp: 12448
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.1 34.2 51.4#

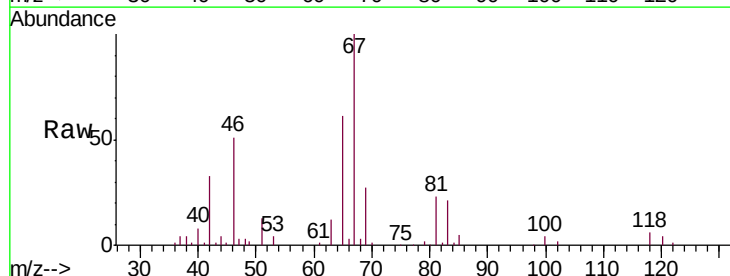


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

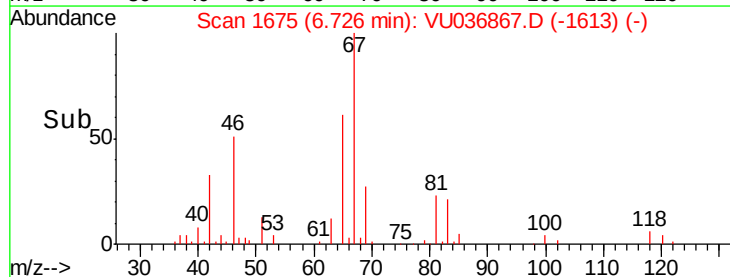
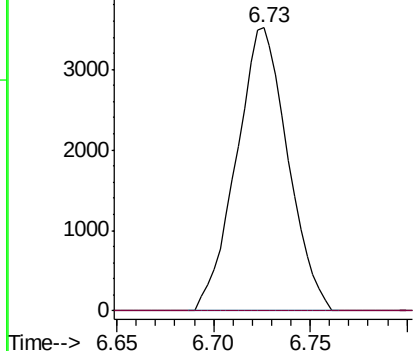


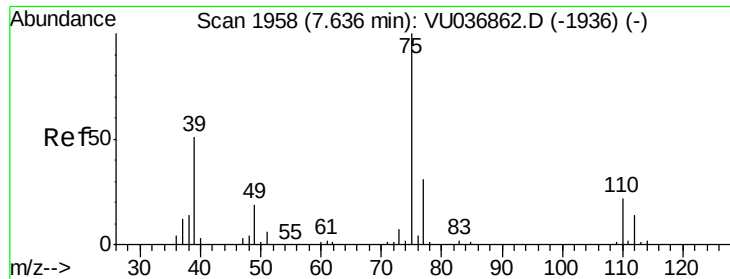
#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036867.D
Acq: 20 Feb 2020 14:38

Tgt Ion: 63 Resp: 6506
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

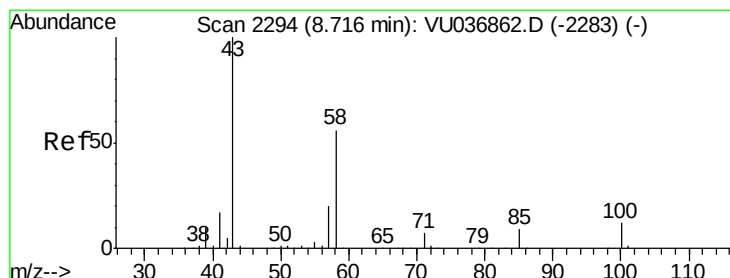
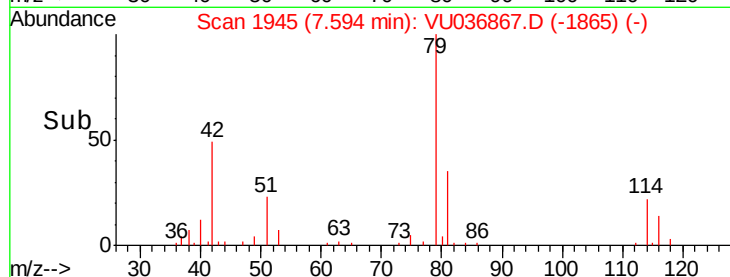
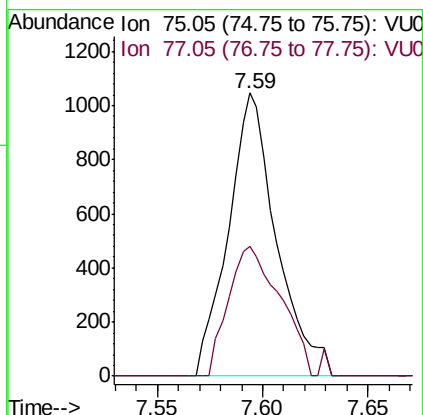
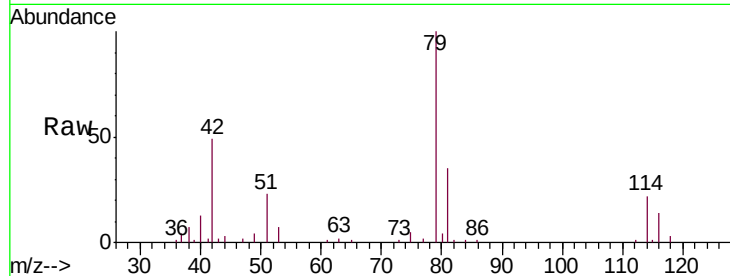




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036867.D
 Acq: 20 Feb 2020 14:38

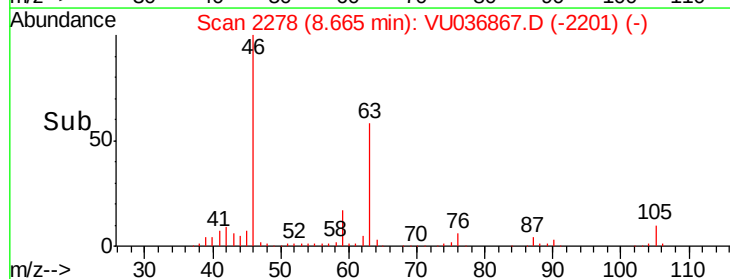
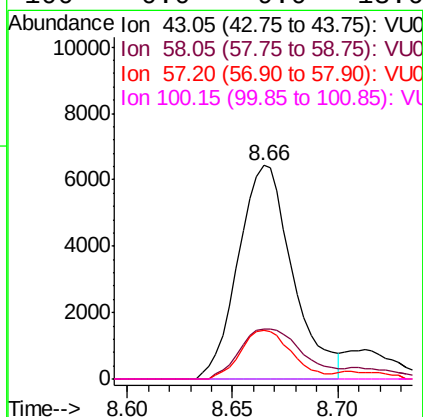
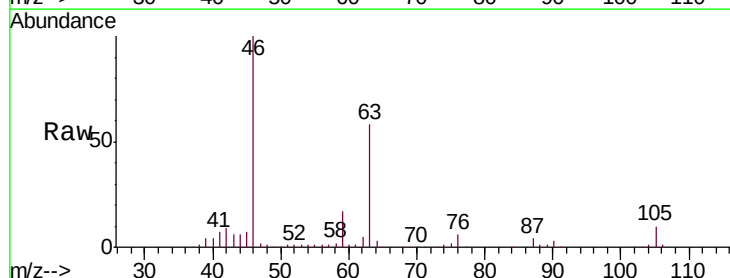
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDW2

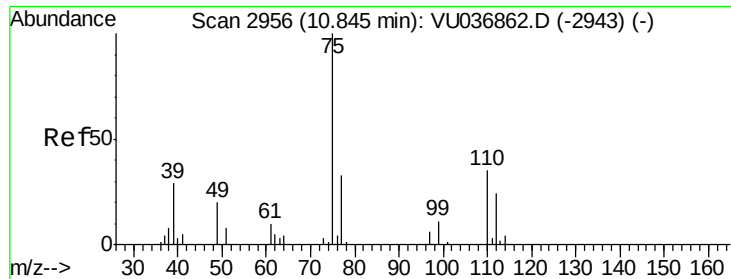
Tgt Ion: 75 Resp: 1656
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.5 41.9#



#48
 2-Hexanone
 Concen: 1.935 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036867.D
 Acq: 20 Feb 2020 14:38

Tgt Ion: 43 Resp: 11524
 Ion Ratio Lower Upper
 43 100
 58 27.0 43.6 65.4#
 57 21.6 15.0 22.4
 100 0.0 9.0 13.6#

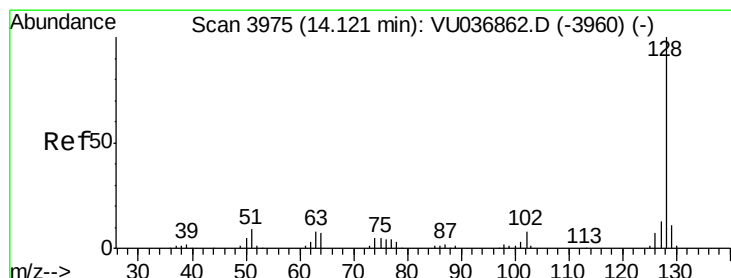
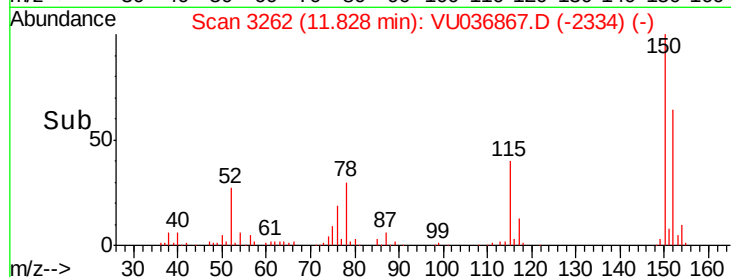
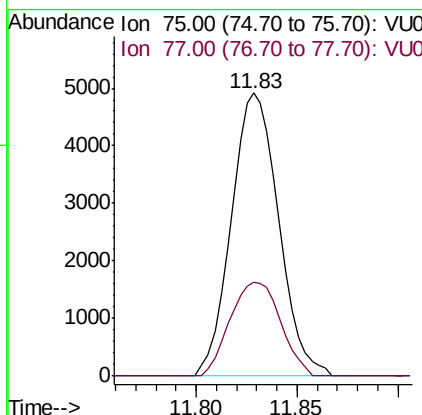
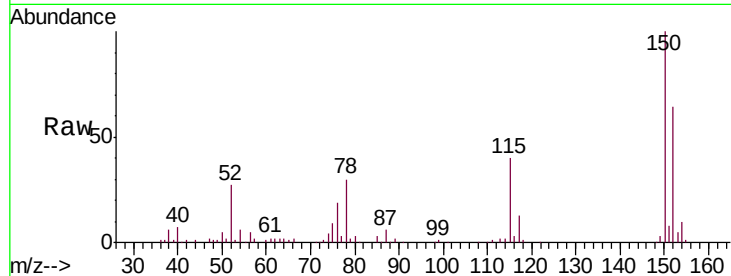




#59
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036867.D
 Acq: 20 Feb 2020 14:38

Instrument :
 MSVOA_U
 ClientSampled :
 DBDW2

Tgt Ion: 75 Resp: 8072
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.6 38.4



#69
 Naphthalene
 Concen: 3.357 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VU036867.D
 Acq: 20 Feb 2020 14:38

Tgt Ion: 128 Resp: 59066
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.4
 127 13.0 10.8 16.2

