

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037551.D
 Acq On : 02 Apr 2020 13:23
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 01:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 03 00:57:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	83699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	77298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	37845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34845	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.93	69	27144	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	46359	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.67	46	97092	51.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.06%
24) Chloroform-d	5.10	84	57955	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	33213	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	121359	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	39350	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	112921	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.20	79	18272	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	88171	51.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	31802	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	40250	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

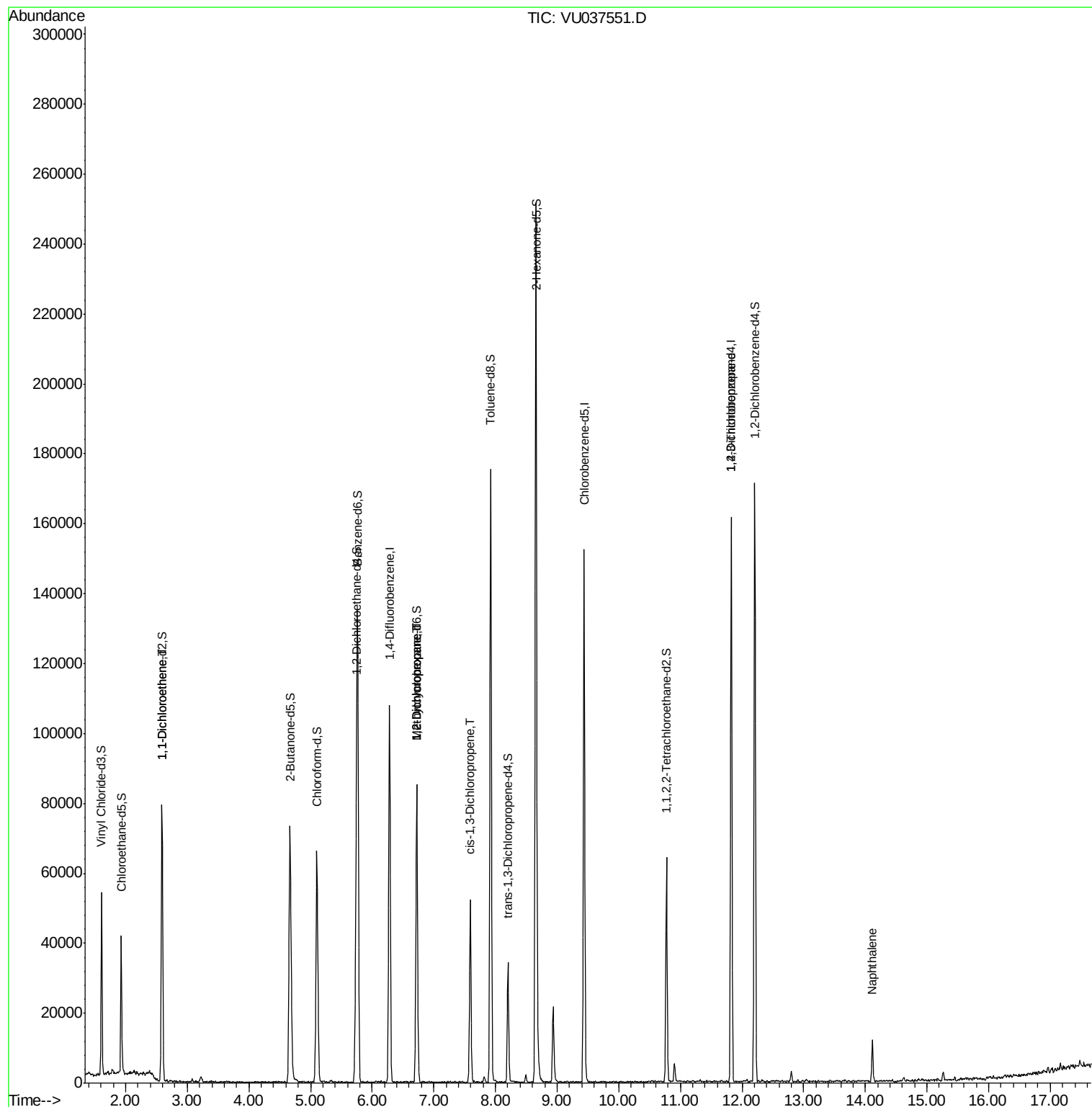
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	334	0.060	ug/L #	1
35) Methylcyclohexane	6.72	83	9448	0.872	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	4372	0.660	ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1451	0.143	ug/L #	51
59) 1,2,3-Trichloropropane	11.83	75	5686	1.310	ug/L	91
69) Naphthalene	14.11	128	9399	0.503	ug/L #	96

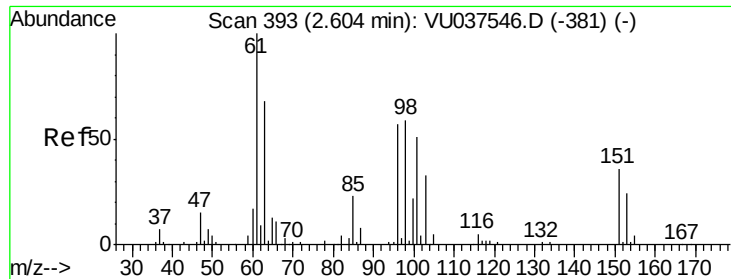
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 03 01:00:30 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 03 00:57:17 2020
Response via : Initial Calibration

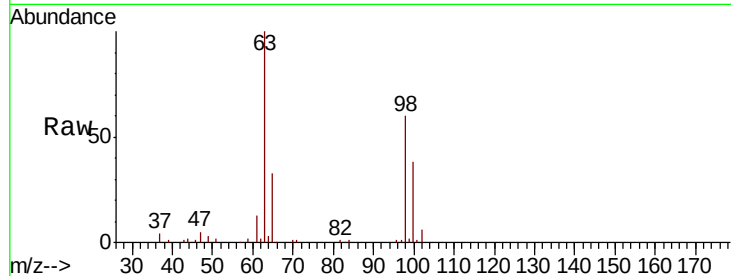




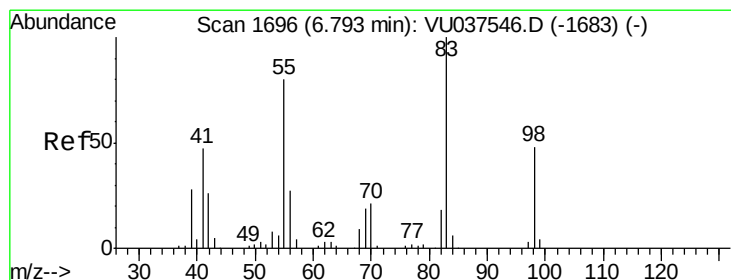
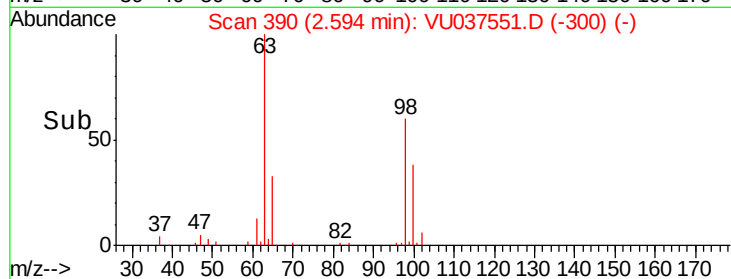
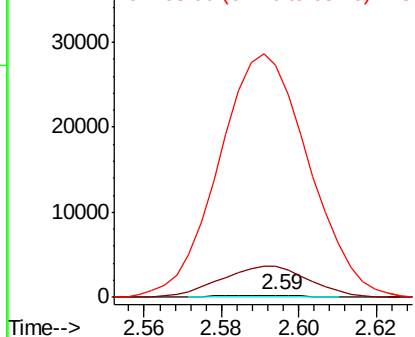
#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 334
 Ion Ratio Lower Upper
 96 100
 61 1525.9 123.4 229.2#
 63 11437.7 90.4 168.0#

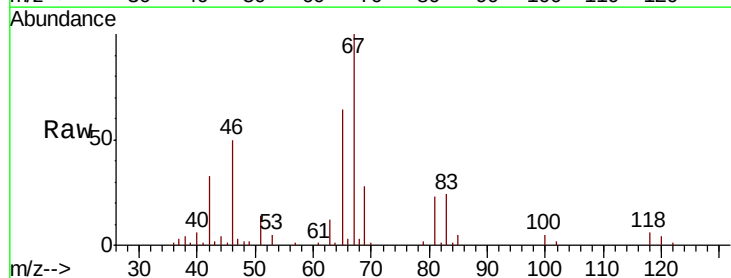


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

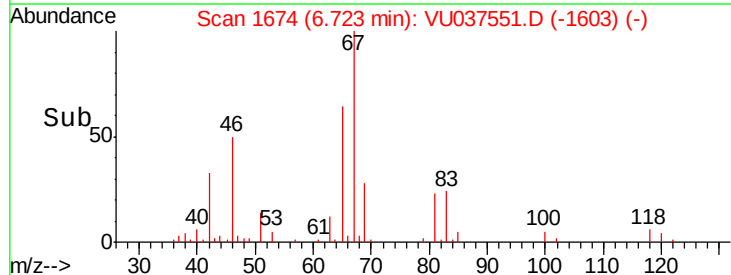
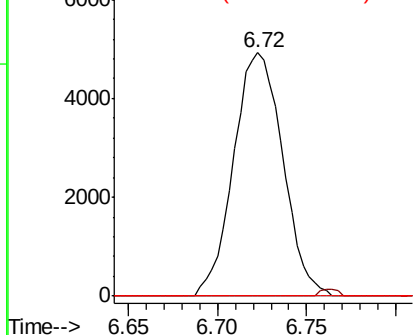


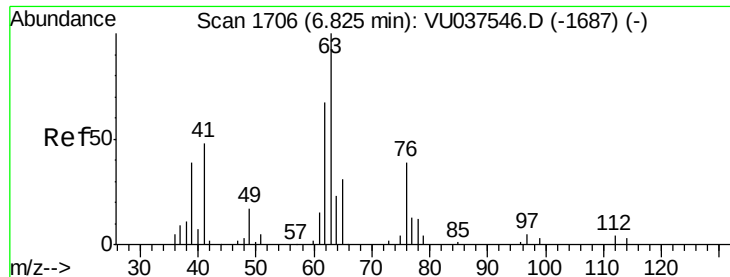
#35
 Methylcyclohexane
 Concen: 0.872 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

Tgt Ion: 83 Resp: 9448
 Ion Ratio Lower Upper
 83 100
 55 1.0 63.0 94.6#
 98 0.0 35.3 52.9#



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

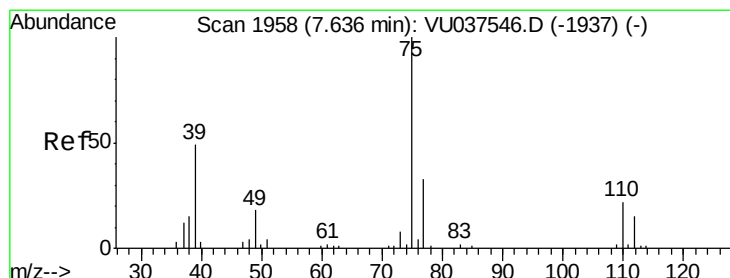
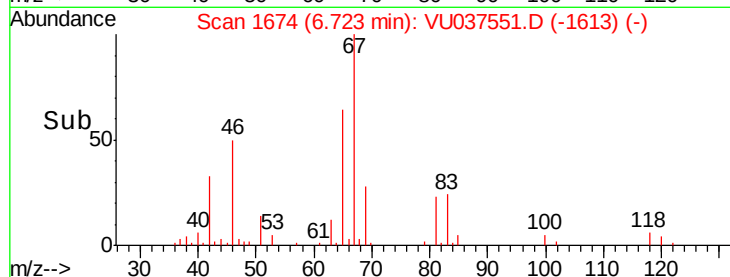
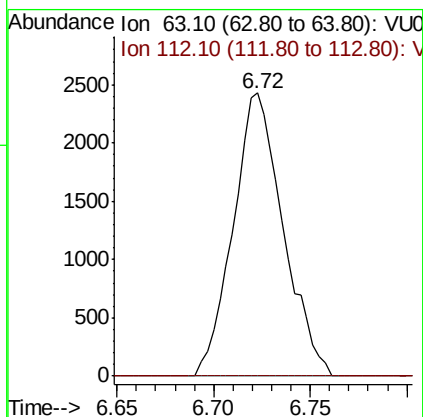
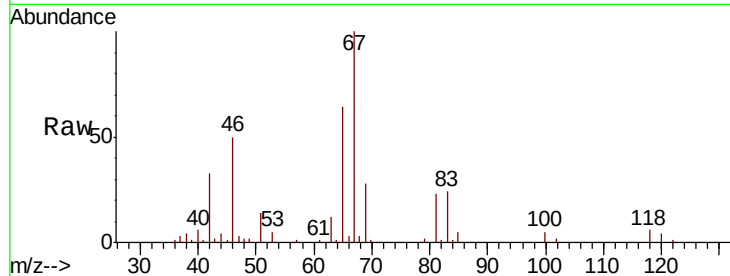




#37
 1,2-Dichloropropane
 Concen: 0.660 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

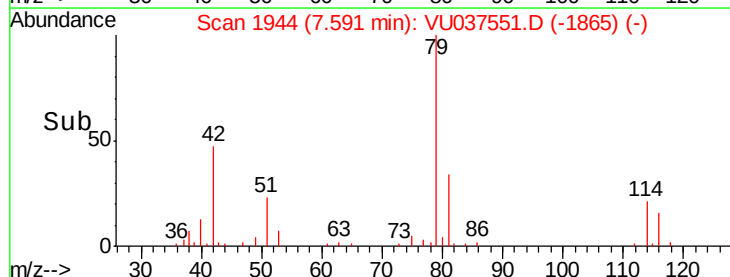
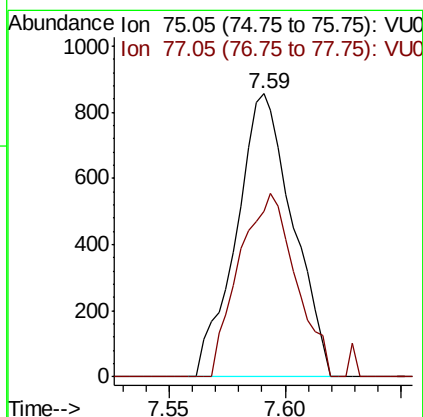
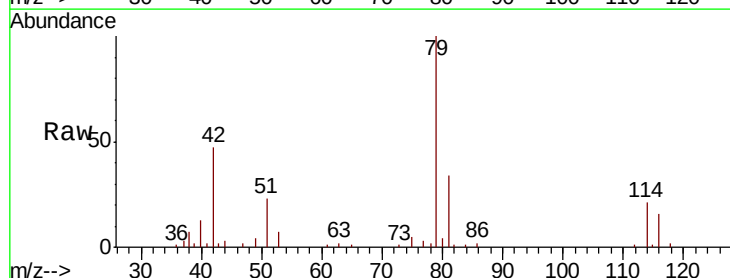
Instrument :
 MSVOA_U
 ClientSampled :

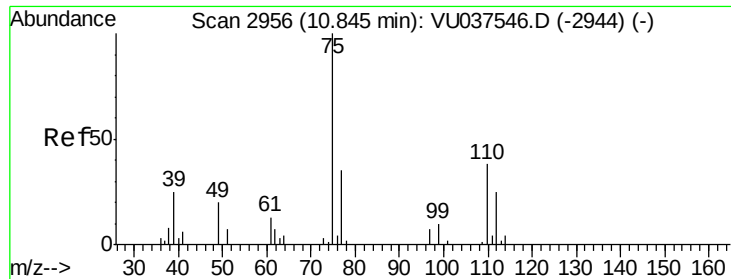
Tot Ion: 63 Resp: 4372
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.143 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

Tgt Ion: 75 Resp: 1451
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.2 41.2#

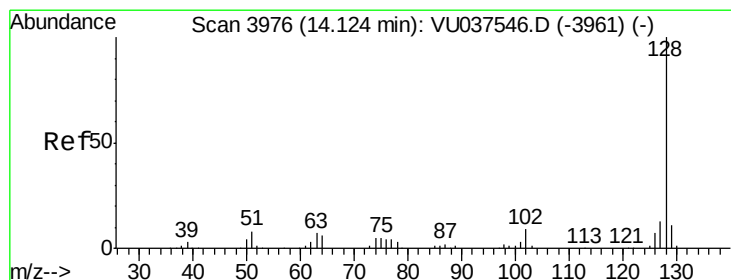
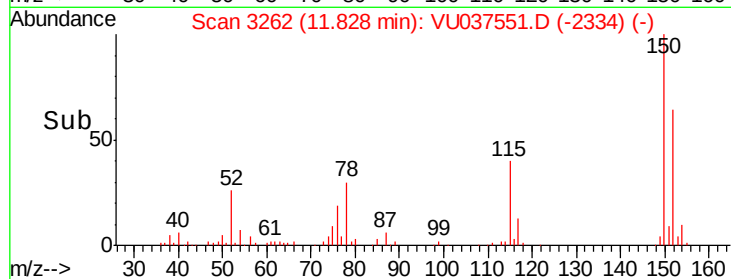
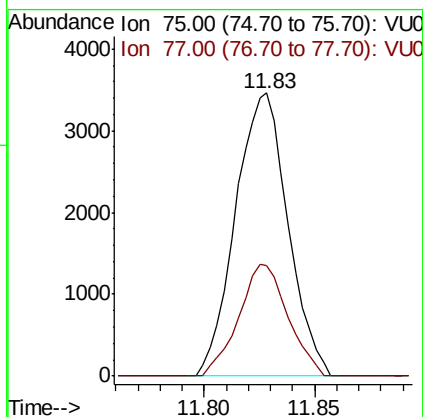
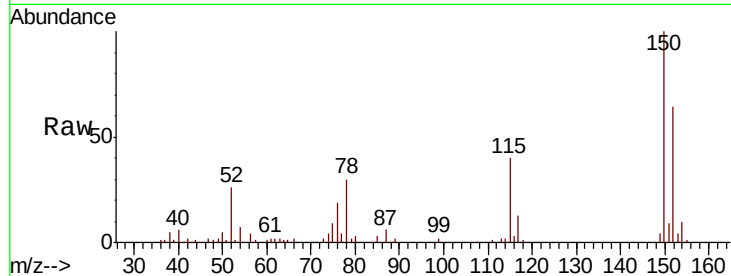




#59
 1,2,3-Trichloropropane
 Concen: 1.310 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 5686
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.8 38.6



#69
 Naphthalene
 Concen: 0.503 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037551.D
 Acq: 02 Apr 2020 13:23

Tgt Ion: 128 Resp: 9399
 Ion Ratio Lower Upper
 128 100
 129 12.8 8.4 12.6#
 127 13.6 10.4 15.6

