

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022120\
 Data File : VU036874.D
 Acq On : 21 Feb 2020 11:33
 Operator : JC/MD
 Sample : VU0221WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 00:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 22 00:05:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	131415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46394	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	44725	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	63687	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.69	46	131336	55.42	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.84%
24) Chloroform-d	5.11	84	83296	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	48883	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	179927	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.73	67	58128	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	161005	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.21	79	21136	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	107987	50.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	45734	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	50307	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

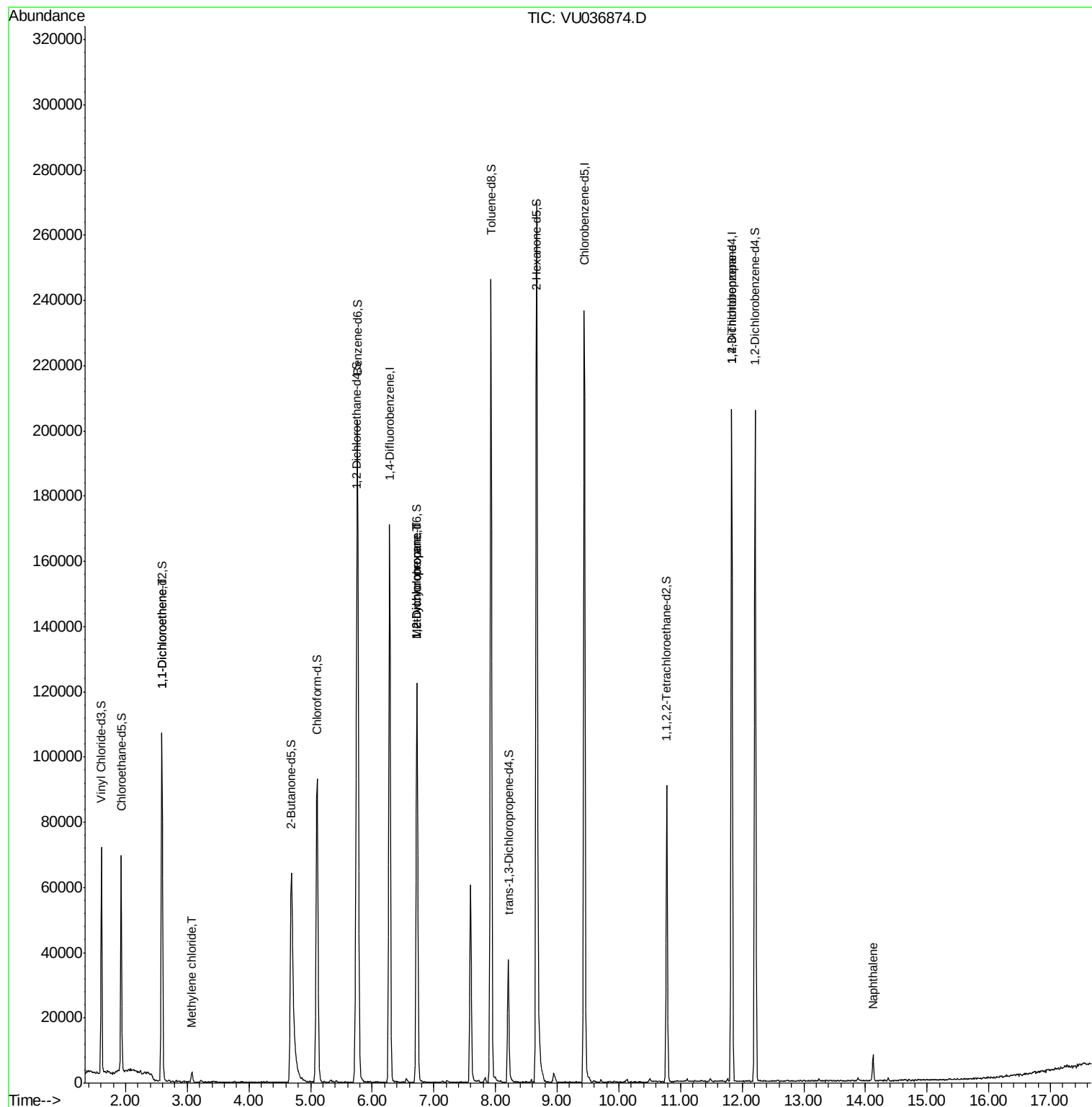
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	501	0.063	ug/L # 1
16) Methylene chloride	3.08	84	1462	0.109	ug/L 86
35) Methylcyclohexane	6.73	83	13186	0.844	ug/L # 20
37) 1,2-Dichloropropane	6.73	63	6456	0.611	ug/L # 89
59) 1,2,3-Trichloropropane	11.83	75	8135	1.167	ug/L 95
69) Naphthalene	14.12	128	6612	0.397	ug/L 95

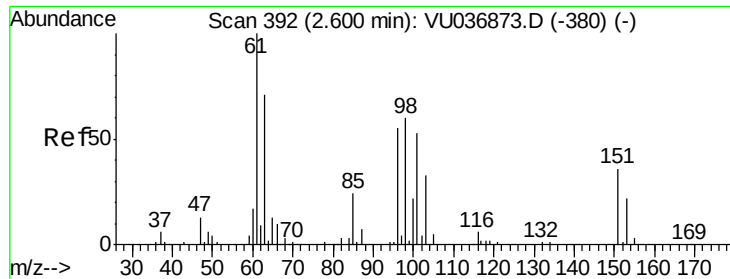
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 22 00:05:53 2020
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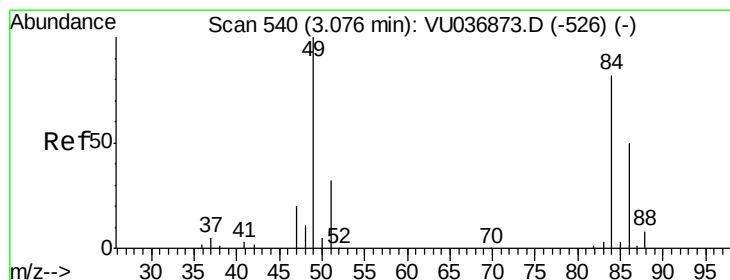
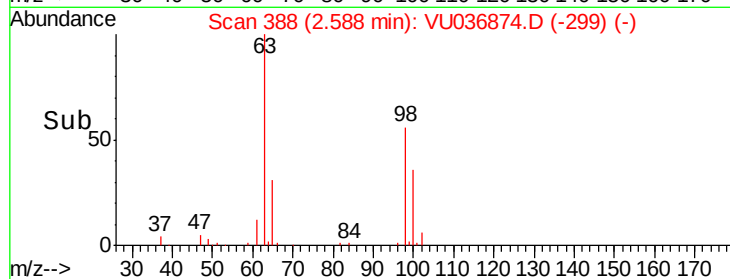
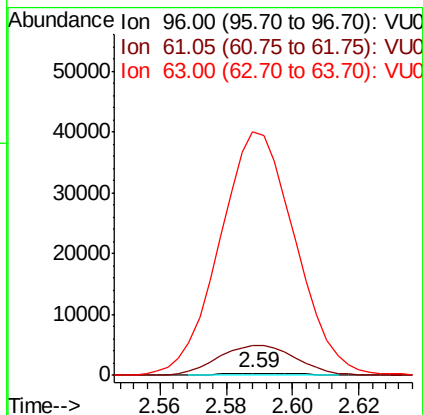
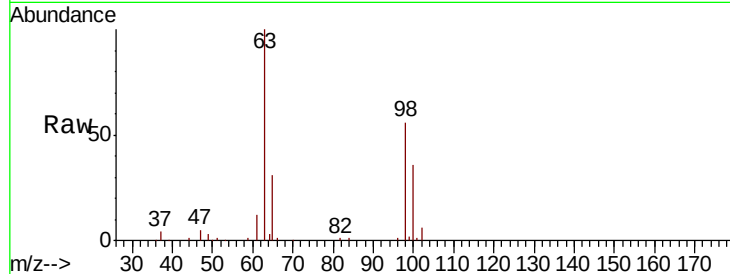




#12
 1,1-Dichloroethene
 Concen: 0.063 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VU036874.D
 Acq: 21 Feb 2020 11:33

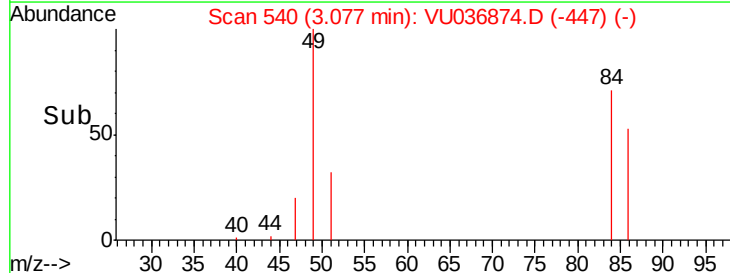
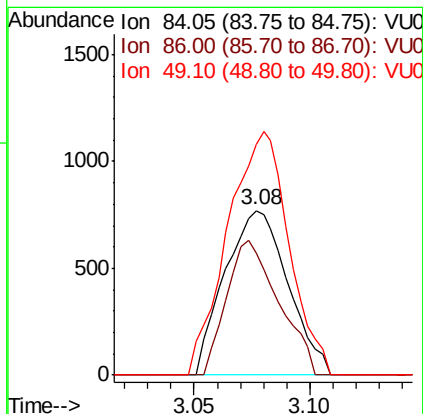
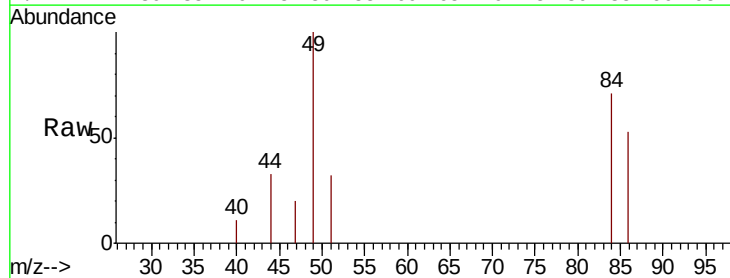
Instrument :
 MSVOA_U
 ClientSampled :

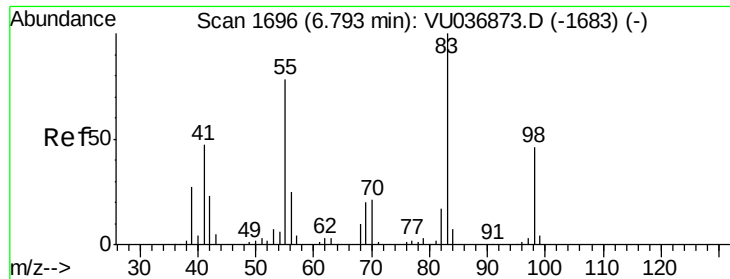
Tot Ion: 96 Resp: 501
 Ion Ratio Lower Upper
 96 100
 61 1492.5 126.4 234.8#
 63 12065.1 89.5 166.3#



#16
 Methylene chloride
 Concen: 0.109 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU036874.D
 Acq: 21 Feb 2020 11:33

Tgt Ion: 84 Resp: 1462
 Ion Ratio Lower Upper
 84 100
 86 74.2 44.7 82.9
 49 139.9 86.7 160.9

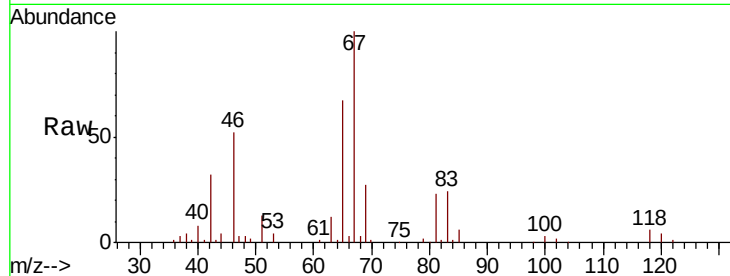




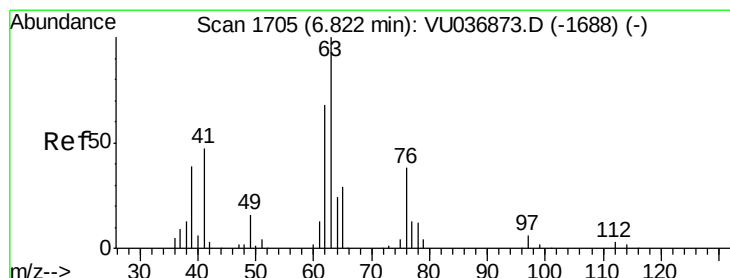
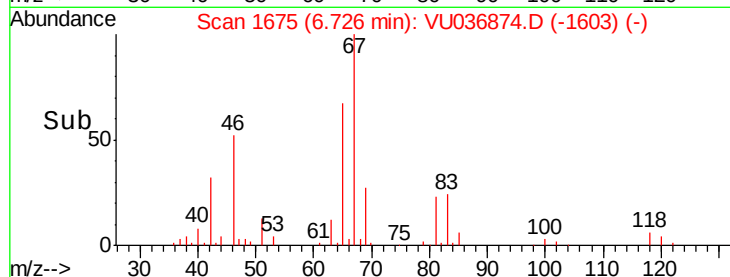
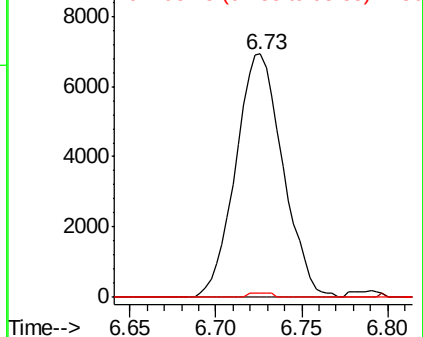
#35
Methylvlcyclohexane
Concen: 0.844 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036874.D
Acq: 21 Feb 2020 11:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 13186
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 0.9 34.2 51.4#

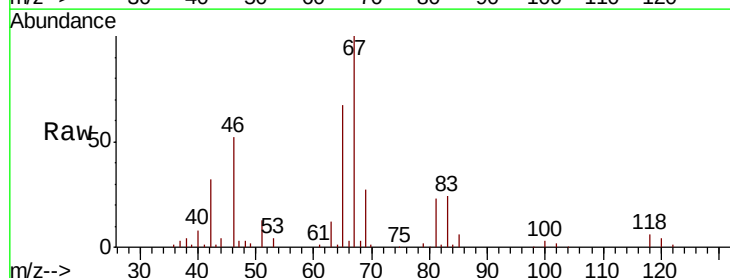


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

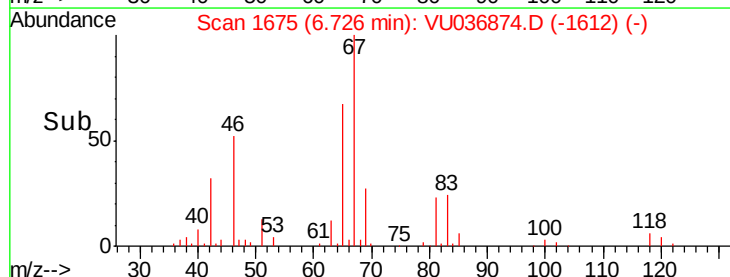
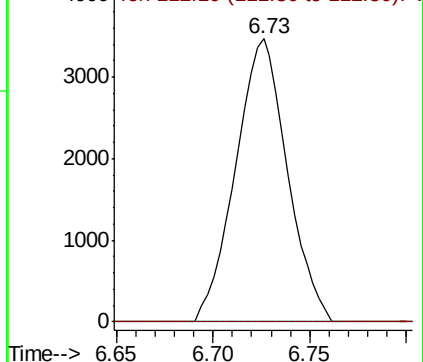


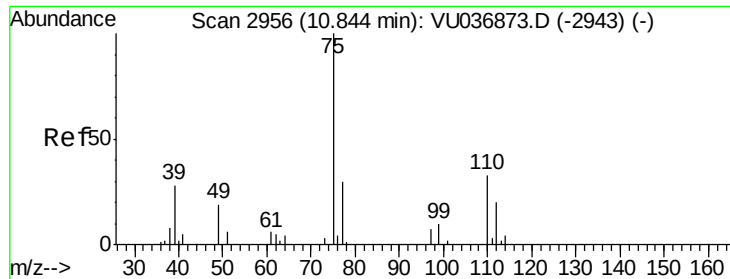
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036874.D
Acq: 21 Feb 2020 11:33

Tgt Ion: 63 Resp: 6456
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

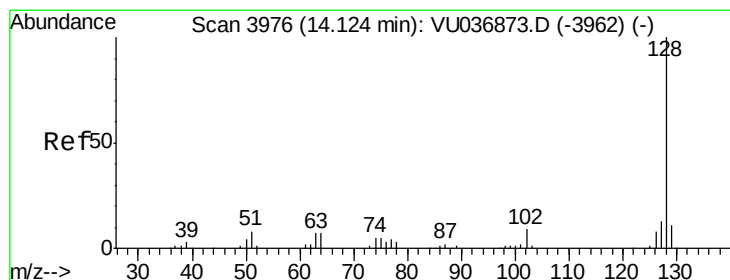
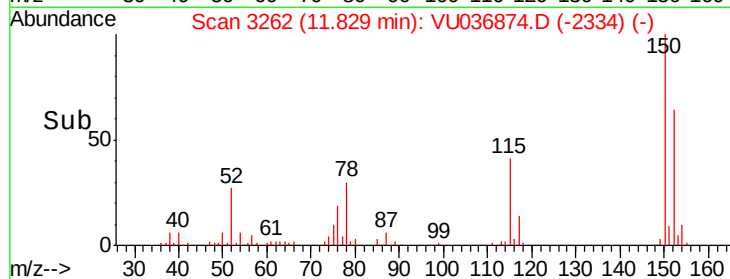
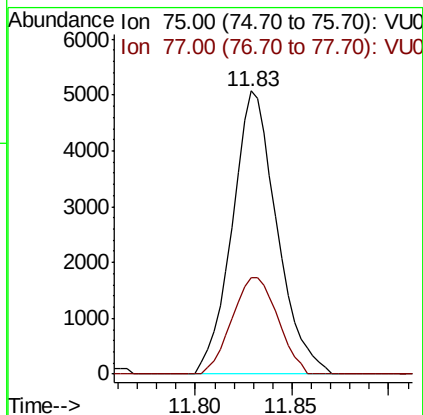
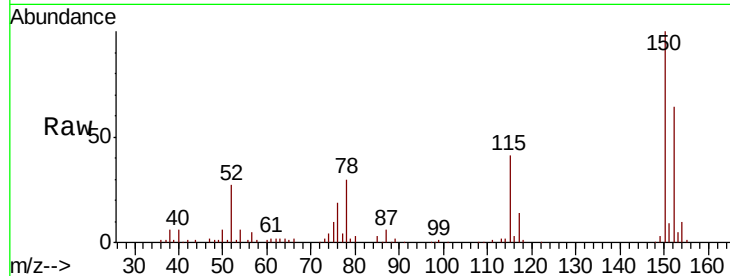




#59
 1,2,3-Trichloropropane
 Concen: 1.167 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036874.D
 Acq: 21 Feb 2020 11:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 8135
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4



#69
 Naphthalene
 Concen: 0.397 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036874.D
 Acq: 21 Feb 2020 11:33

Tgt Ion: 128 Resp: 6612
 Ion Ratio Lower Upper
 128 100
 129 9.7 9.0 13.4
 127 11.2 10.8 16.2

