

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038555.D
 Acq On : 04 Jun 2020 17:37
 Operator : SY/MD
 Sample : L2872-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 05 01:14:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105147	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.93	69	82738	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.59	63	162586	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.69	46	313511	51.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	5.10	84	193069	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	114511	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.76	84	401192	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.72	67	119170	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.92	98	343573	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.20	79	48123	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.66	63	268182	53.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98472	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	132440	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

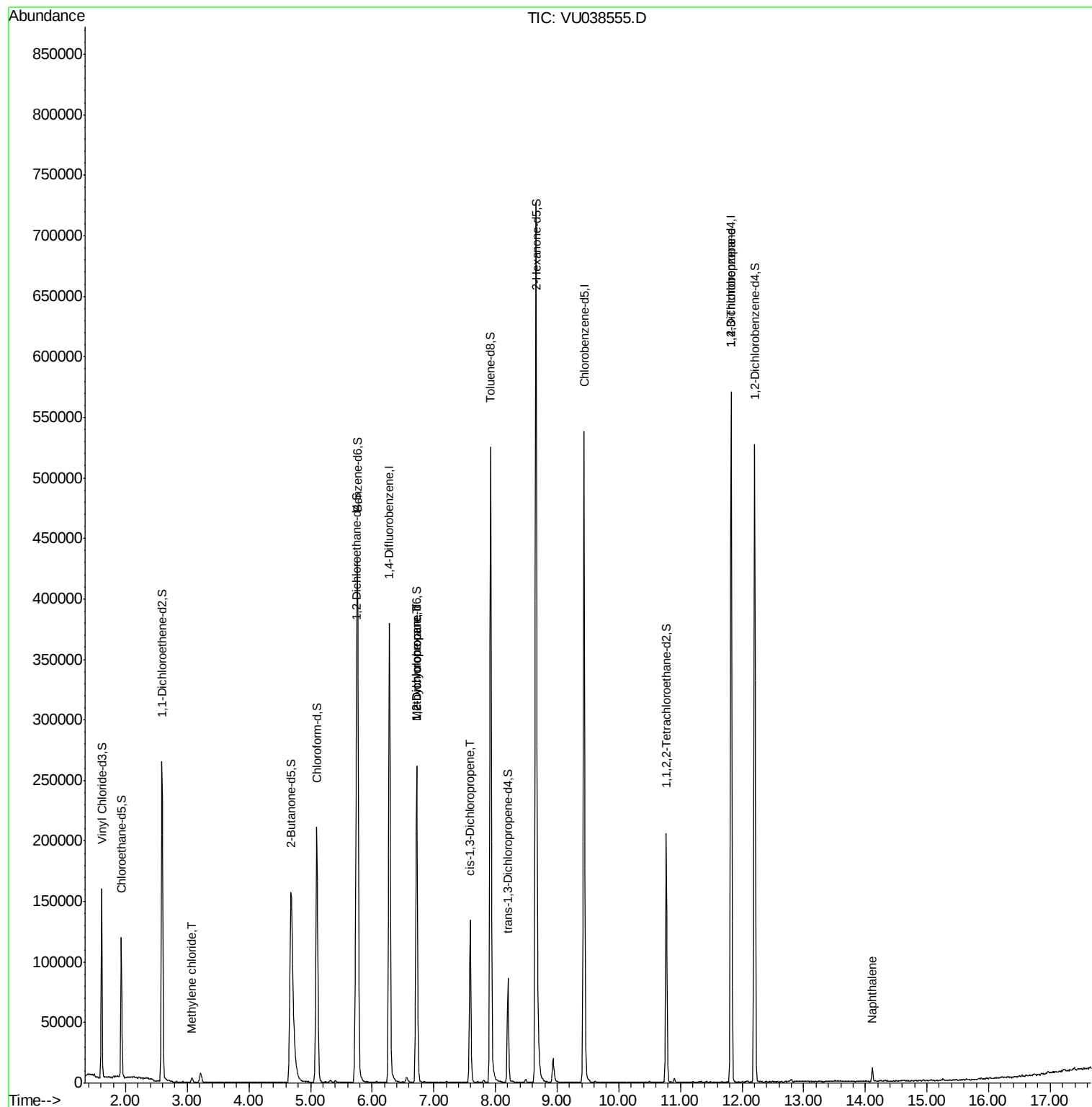
					Ovalue
16) Methylene chloride	3.08	84	1771	0.082 ug/L	91
35) Methylcyclohexane	6.72	83	29570	0.858 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13279	0.615 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3049	0.096 ug/L #	44
59) 1,2,3-Trichloropropane	11.82	75	17222	1.069 ug/L #	83
69) Naphthalene	14.11	128	9461	0.162 ug/L	97

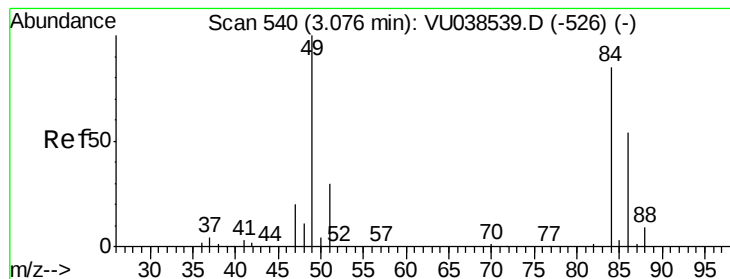
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.082 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038555.D

Acq: 04 Jun 2020 17:37

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

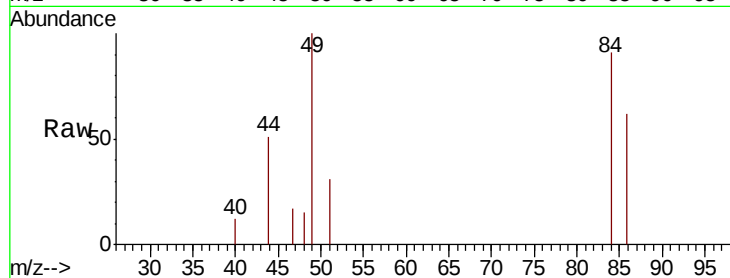
Tot Ion: 84 Resp: 1771

Ion Ratio Lower Upper

84 100

86 68.4 45.0 83.6

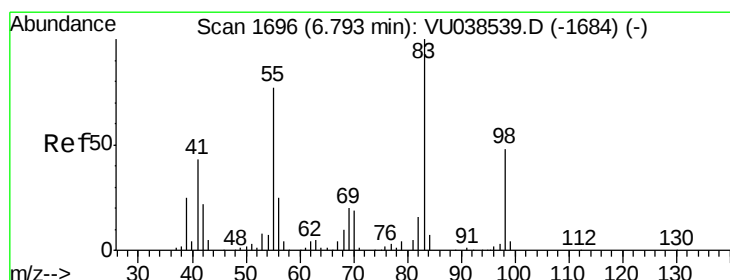
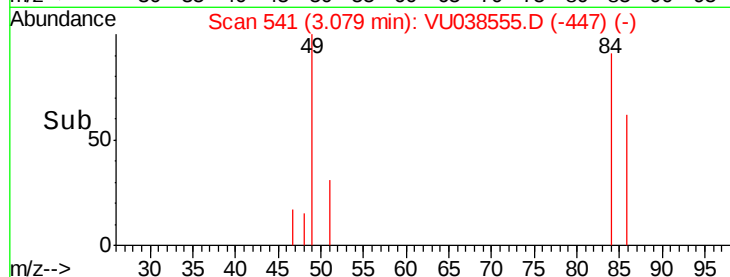
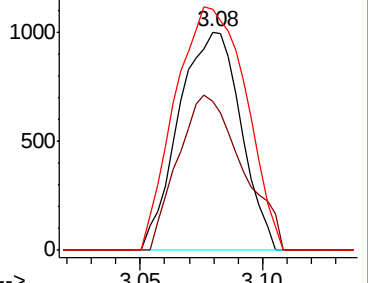
49 110.2 85.5 158.9



Abundance Ion 84.05 (83.75 to 84.75): VU038539.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU038539.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU038539.D (-526) (-)



#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038555.D

Acq: 04 Jun 2020 17:37

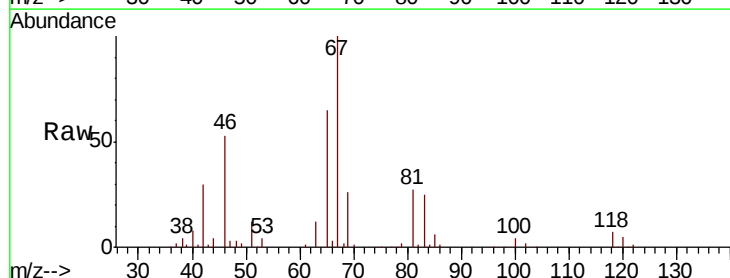
Tgt Ion: 83 Resp: 29570

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

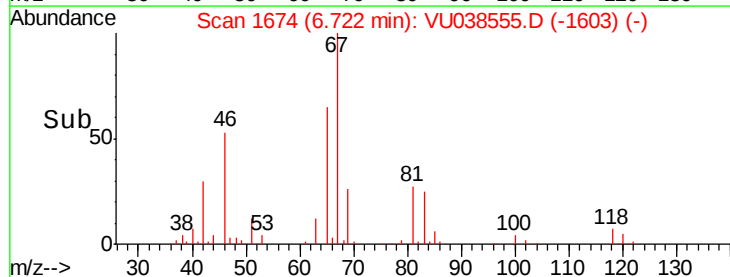
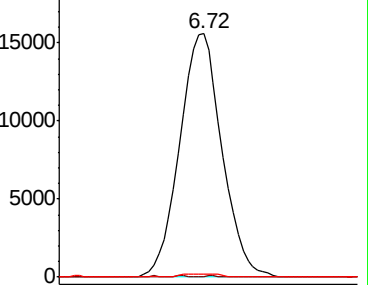
98 0.0 39.0 58.4#

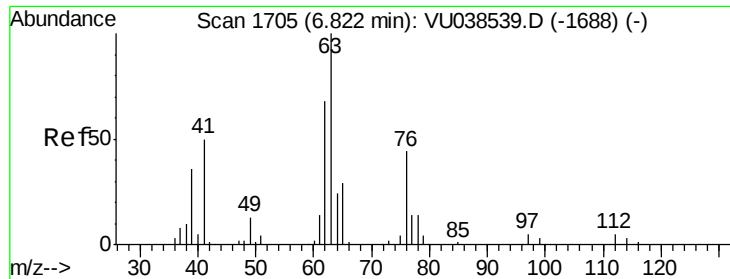


Abundance Ion 83.15 (82.85 to 83.85): VU038539.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU038539.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU038539.D (-1684) (-)

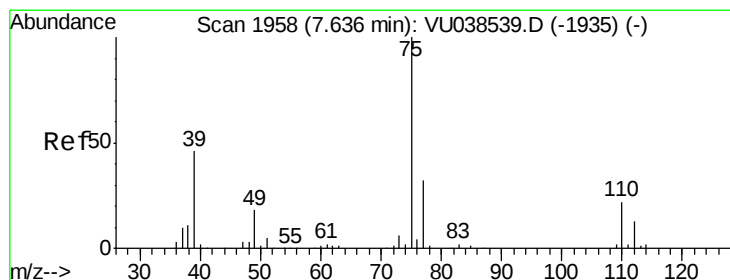
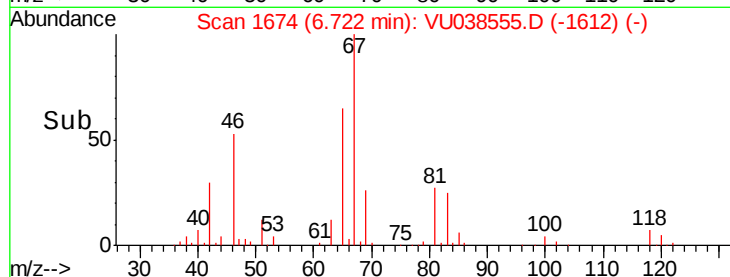
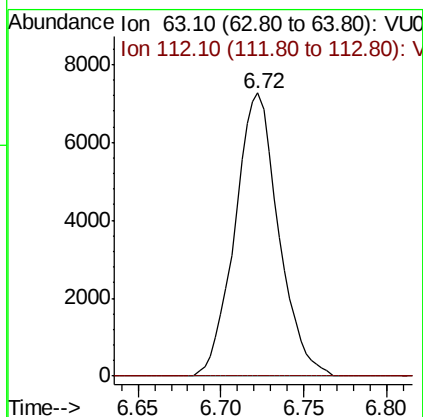
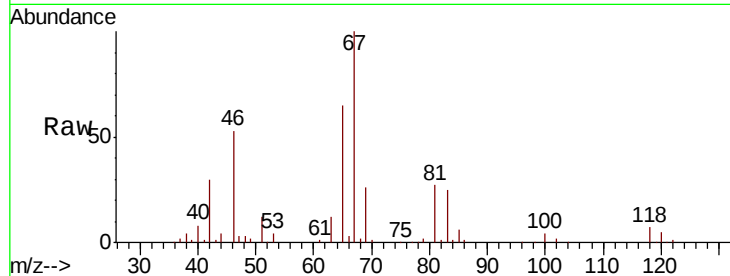




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038555.D
 Acq: 04 Jun 2020 17:37

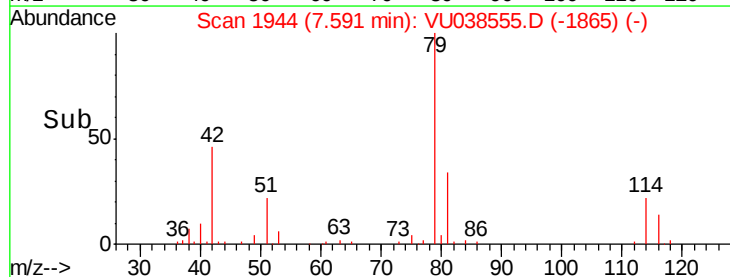
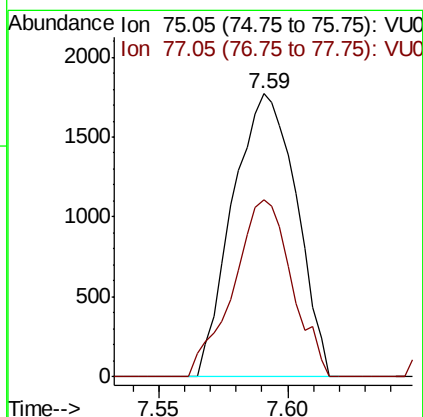
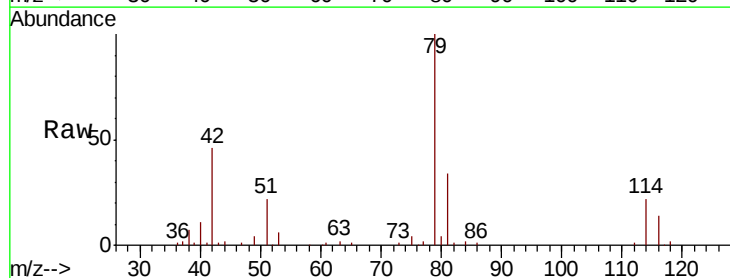
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

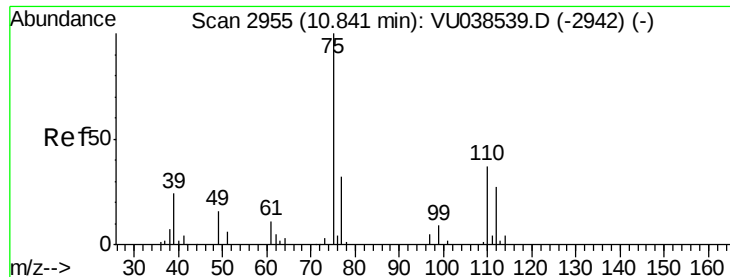
Tot Ion: 63 Resp: 13279
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038555.D
 Acq: 04 Jun 2020 17:37

Tgt Ion: 75 Resp: 3049
 Ion Ratio Lower Upper
 75 100
 77 62.4 21.9 40.7#

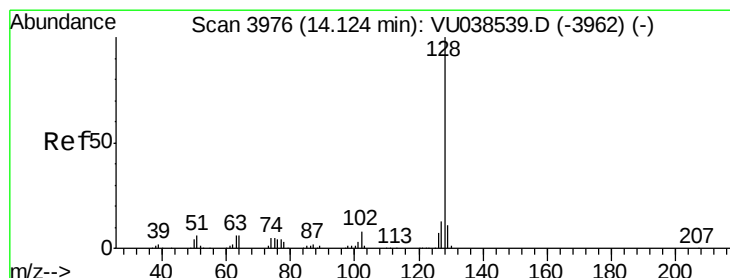
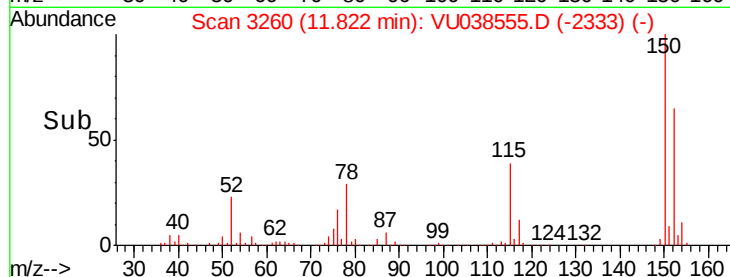
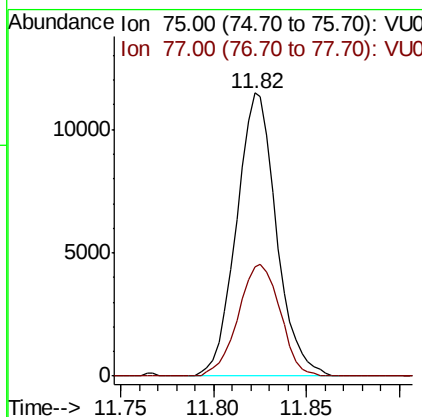
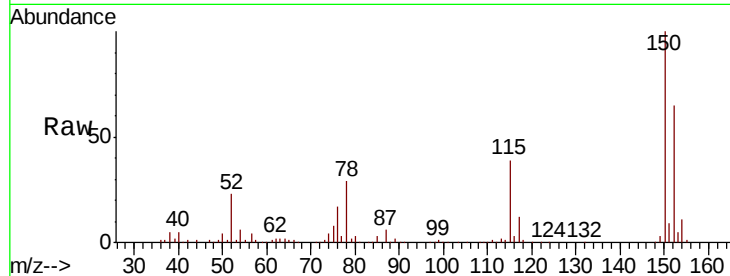




#59
 1,2,3-Trichloropropane
 Concen: 1.069 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038555.D
 Acq: 04 Jun 2020 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tot Ion: 75 Resp: 17222
 Ion Ratio Lower Upper
 75 100
 77 41.4 25.4 38.2#



#69
 Naphthalene
 Concen: 0.162 ug/L
 RT: 14.11 min Scan# 3972
 Delta R.T. -0.01 min
 Lab File: VU038555.D
 Acq: 04 Jun 2020 17:37

Tgt Ion: 128 Resp: 9461
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.9 13.3
 127 14.3 10.2 15.4

