

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037548.D
 Acq On : 02 Apr 2020 12:09
 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 01:00:08 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	86642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	81564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32128	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	26466	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	45216	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.67	46	99614	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	5.11	84	58432	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	32281	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	118851	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	39645	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	110645	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	17526	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.66	63	91270	50.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	31762	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	39127	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

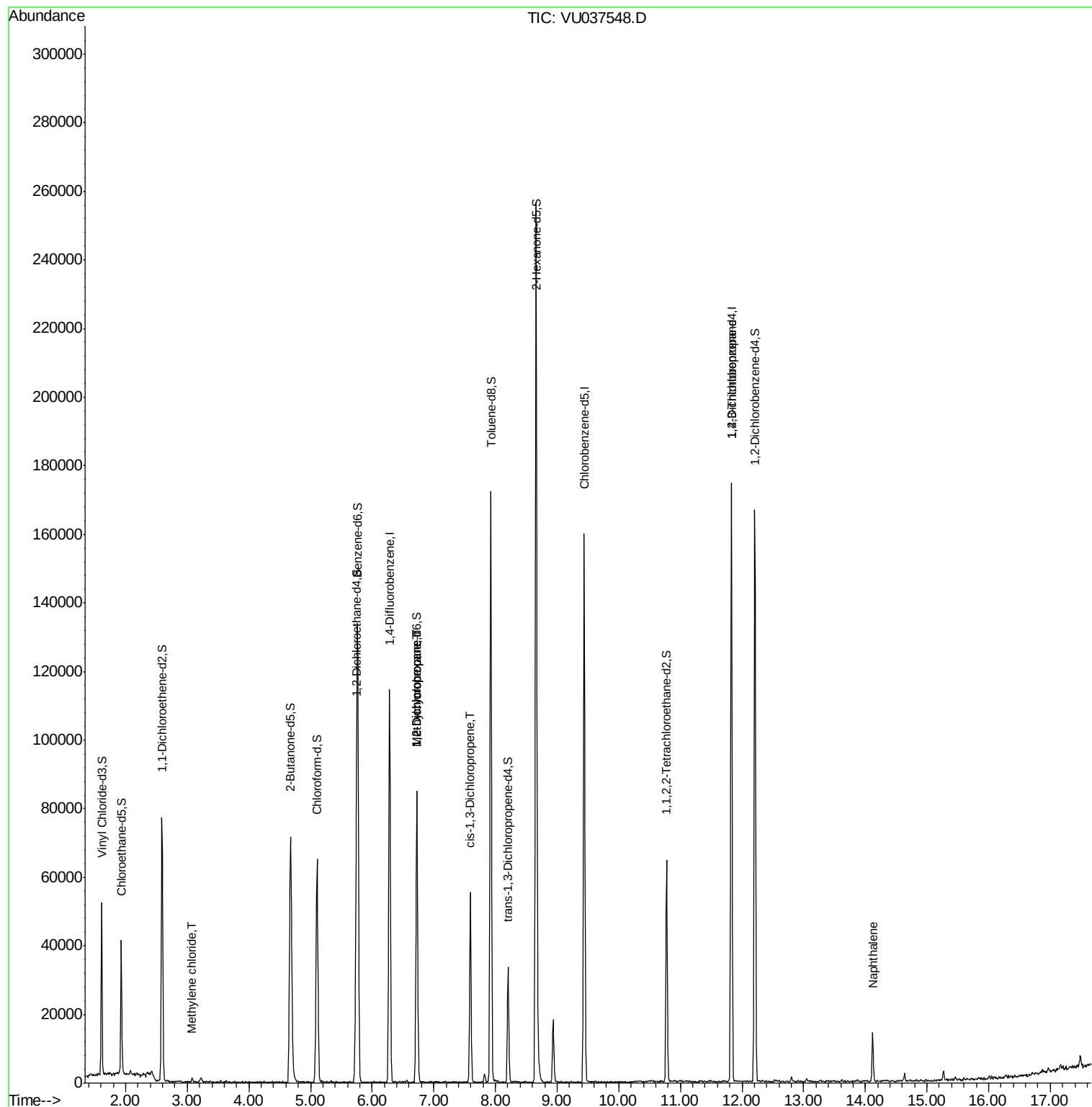
					Ovalue
16) Methylene chloride	3.08	84	609	0.091 ug/L	77
35) Methylcyclohexane	6.72	83	9390	0.821 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	4340	0.621 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1292	0.121 ug/L #	61
59) 1,2,3-Trichloropropane	11.83	75	5738	1.252 ug/L	90
69) Naphthalene	14.12	128	11189	0.551 ug/L	99

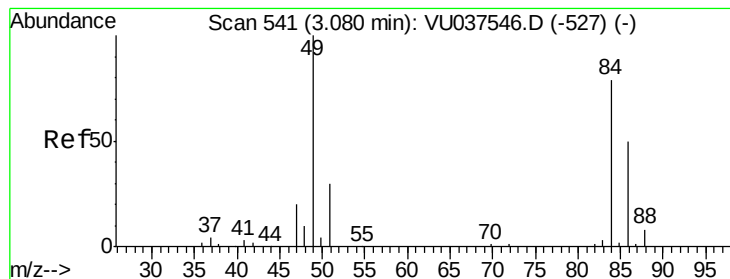
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#16

Methylene chloride

Concen: 0.091 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU037548.D

Acq: 02 Apr 2020 12:09

Instrument :

MSVOA_U

ClientSampled :

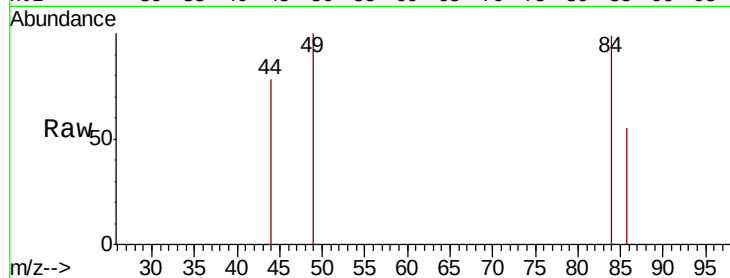
Tot Ion: 84 Resp: 609

Ion Ratio Lower Upper

84 100

86 55.6 41.6 77.3

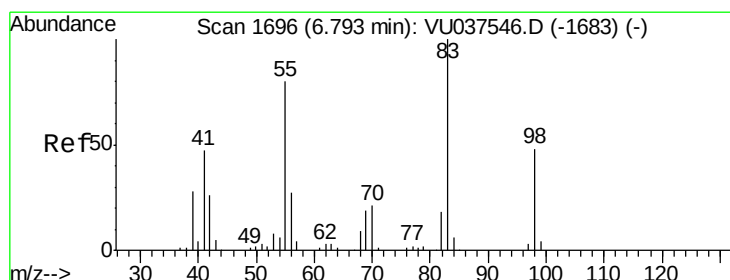
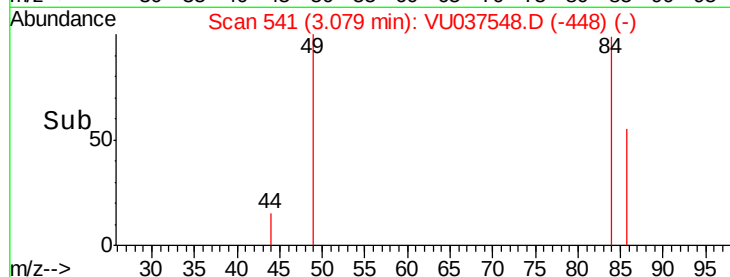
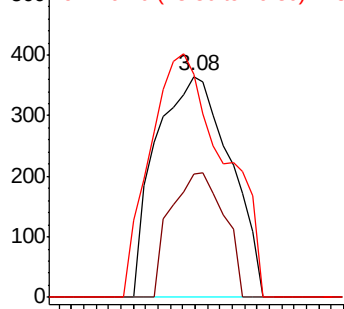
49 100.8 97.0 180.2



Abundance Ion 84.05 (83.75 to 84.75): VU037548.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU037548.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU037548.D (-448) (-)



#35

Methylcyclohexane

Concen: 0.821 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037548.D

Acq: 02 Apr 2020 12:09

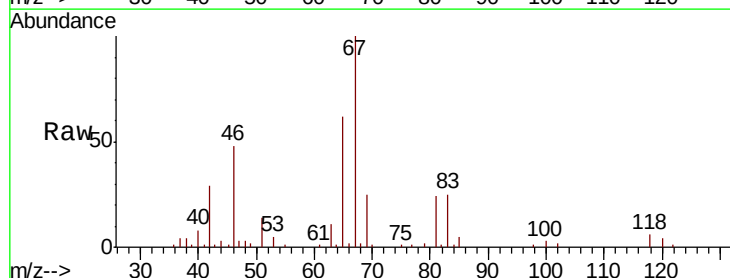
Tgt Ion: 83 Resp: 9390

Ion Ratio Lower Upper

83 100

55 1.0 63.0 94.6#

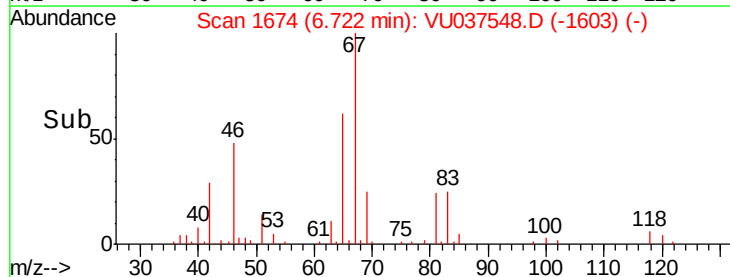
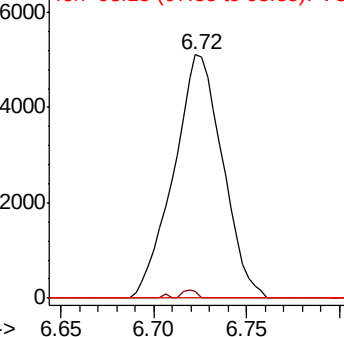
98 0.0 35.3 52.9#

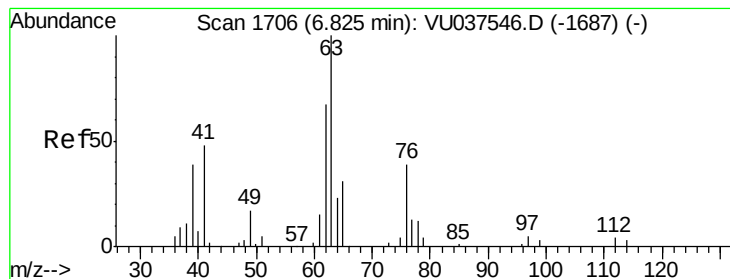


Abundance Ion 83.15 (82.85 to 83.85): VU037548.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037548.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037548.D (-1603) (-)





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037548.D

Acq: 02 Apr 2020 12:09

Instrument :

MSVOA_U

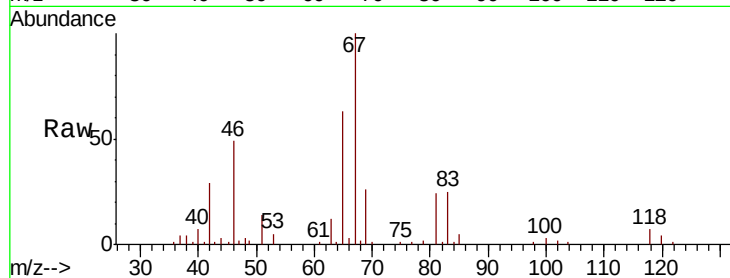
ClientSampled :

Tot Ion: 63 Resp: 4340

Ion Ratio Lower Upper

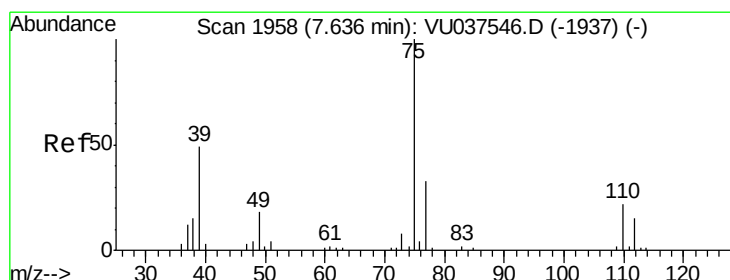
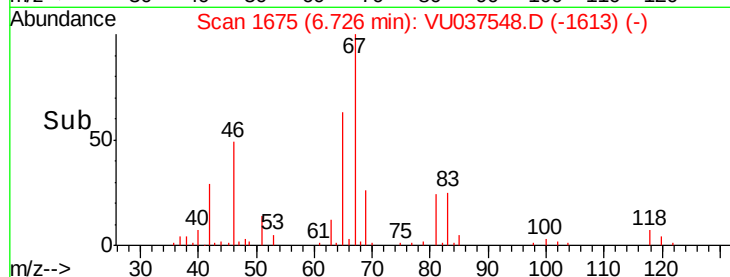
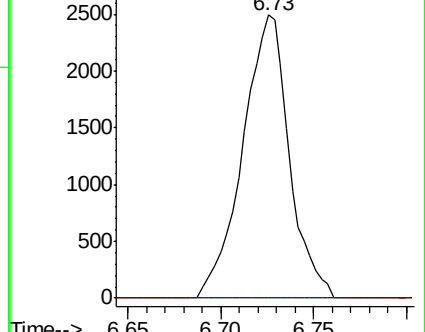
63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU037546.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037546.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037548.D

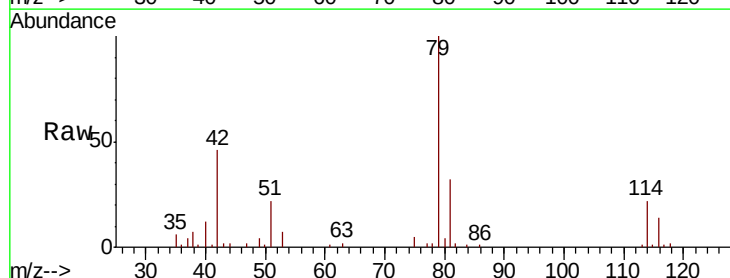
Acq: 02 Apr 2020 12:09

Tgt Ion: 75 Resp: 1292

Ion Ratio Lower Upper

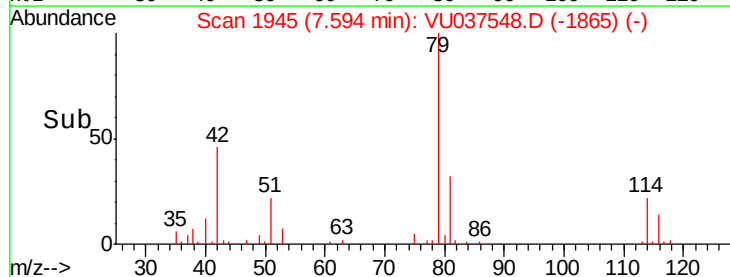
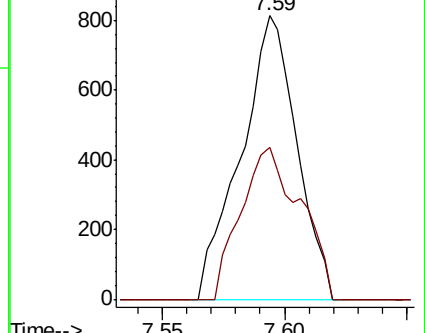
75 100

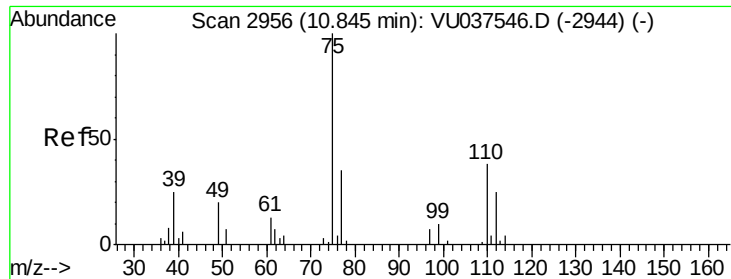
77 53.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VU037546.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU037546.D (-1937) (-)

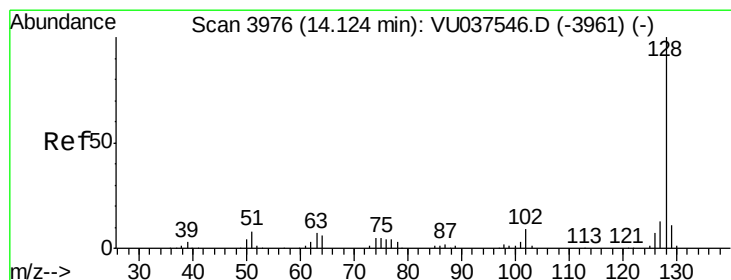
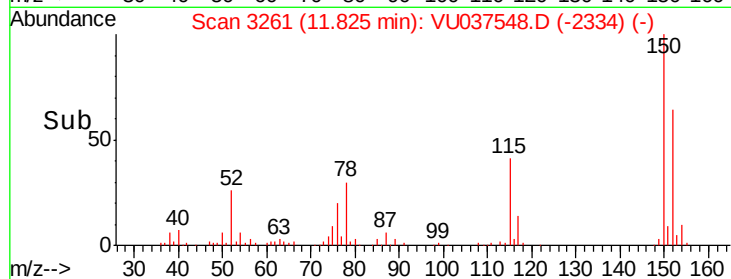
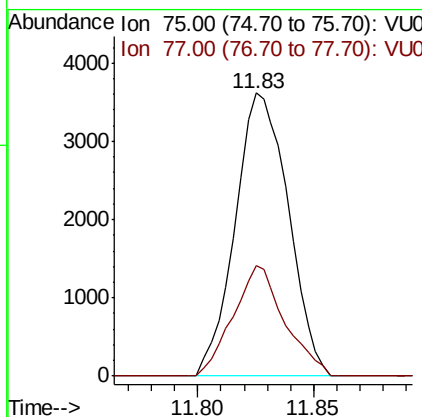
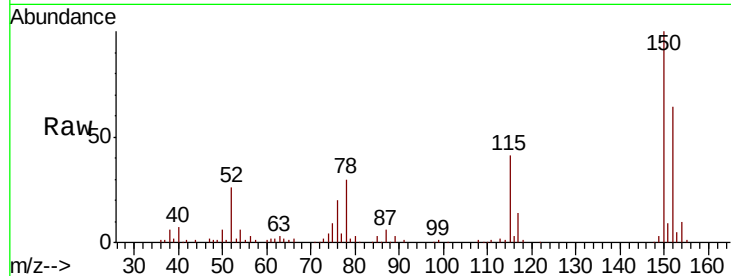




#59
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037548.D
 Acq: 02 Apr 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 5738
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.8 38.6



#69
 Naphthalene
 Concen: 0.551 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU037548.D
 Acq: 02 Apr 2020 12:09

Tgt Ion: 128 Resp: 11189
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 13.0 10.4 15.6

