

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037553.D
 Acq On : 02 Apr 2020 14:12
 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 01:00:49 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	87692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35055	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	28704	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	50088	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.66	46	98499	49.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.82%
24) Chloroform-d	5.10	84	60991	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	35280	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	126015	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	41786	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.92	98	118693	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.20	79	19467	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	91495	50.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33304	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	42636	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

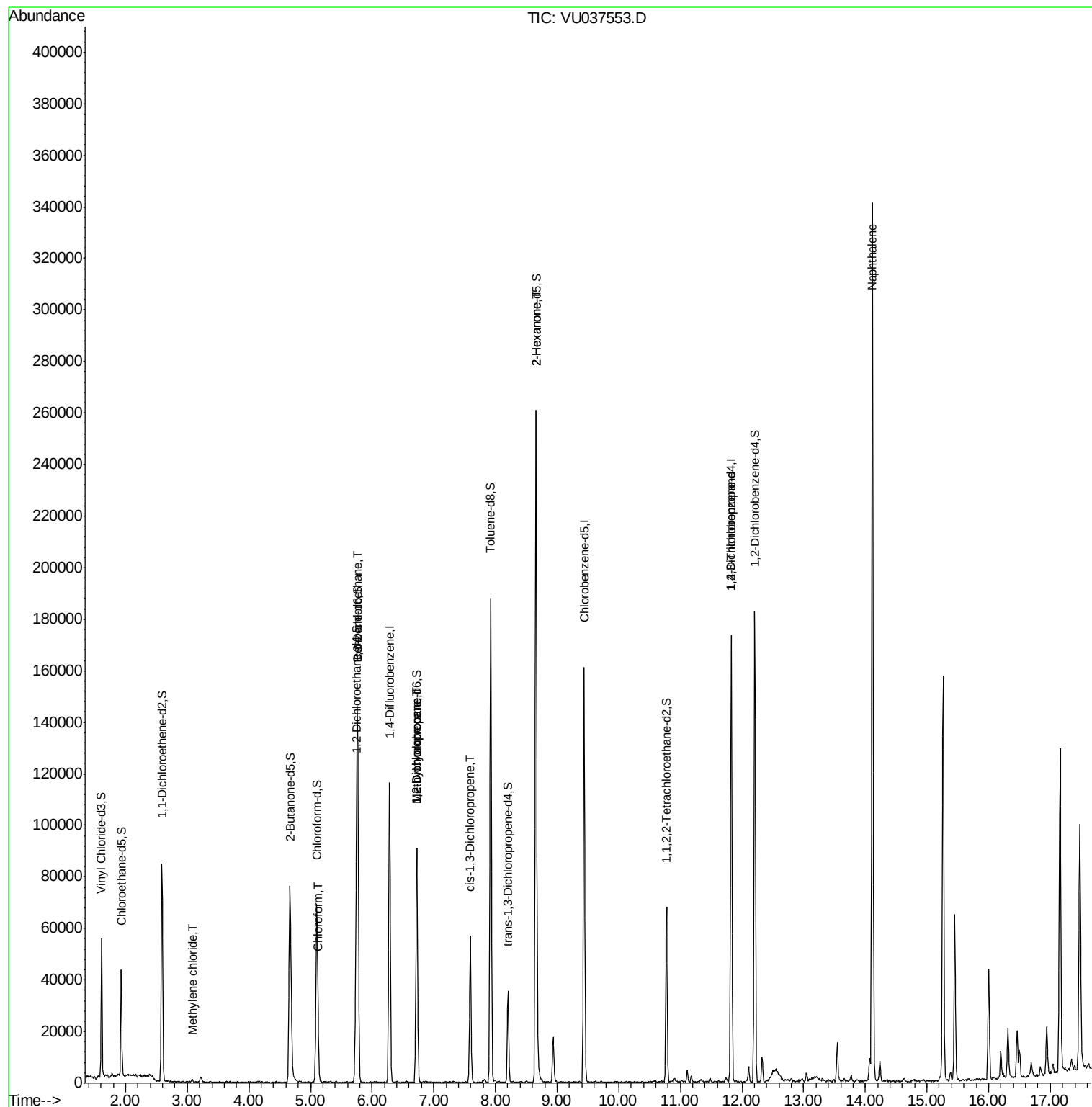
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	518	0.076	ug/L	85
25) Chloroform	5.13	83	3154	0.259	ug/L	88
27) 1,2-Dichloroethane	5.76	62	1067	0.137	ug/L #	75
35) Methylcyclohexane	6.72	83	9403	0.809	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4989	0.703	ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1425	0.131	ug/L #	74
48) 2-Hexanone	8.66	43	11804	3.294	ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	6020	1.293	ug/L #	79
69) Naphthalene	14.11	128	258238	13.074	ug/L	99

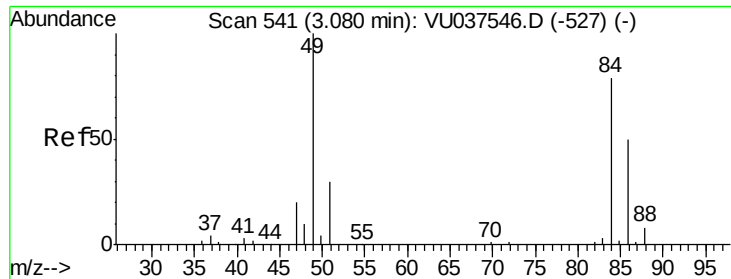
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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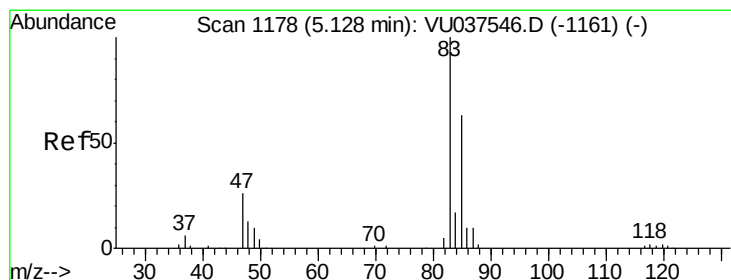
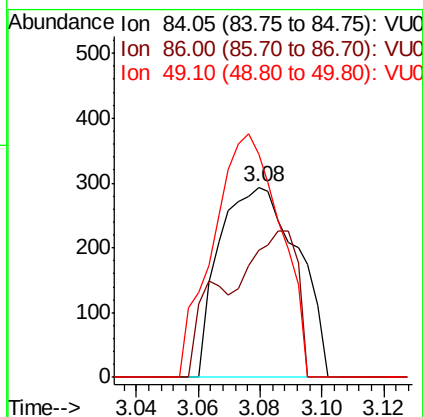
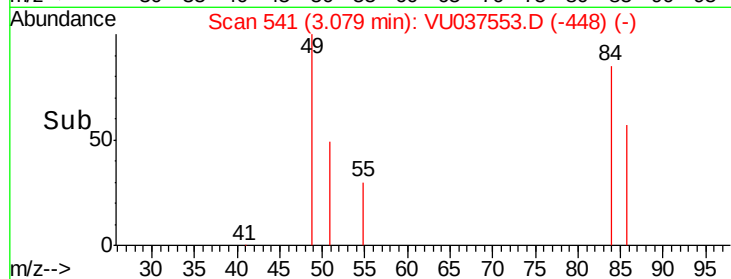
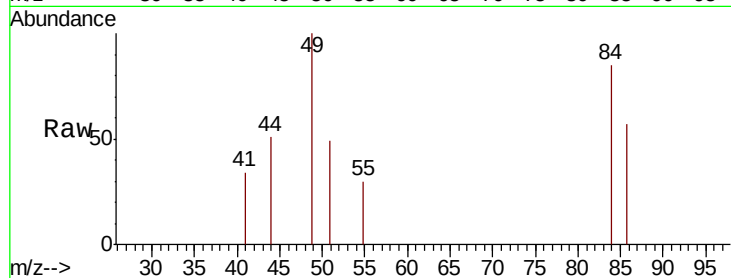




#16
Methylene chloride
Concen: 0.076 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU037553.D
Acq: 02 Apr 2020 14:12

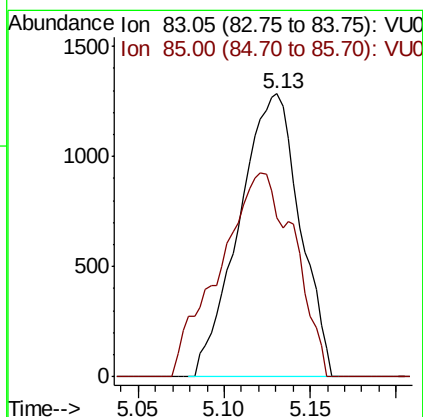
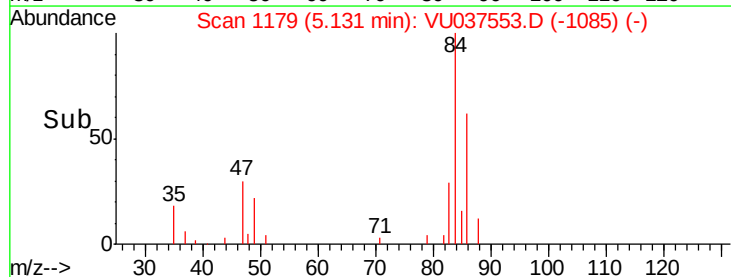
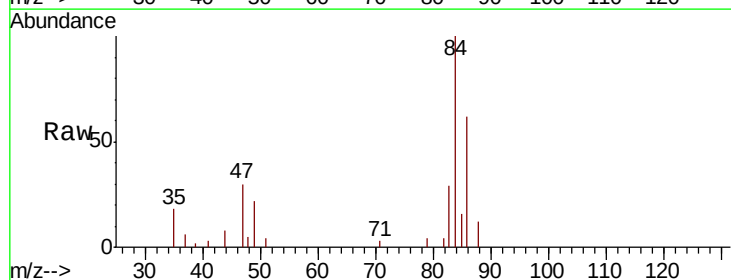
Instrument :
MSVOA_U
ClientSampleId :

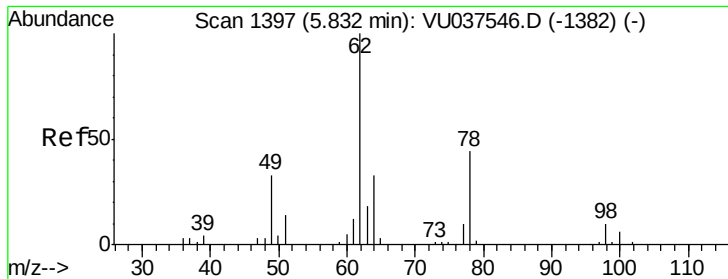
Tot Ion: 84 Resp: 518
Ion Ratio Lower Upper
84 100
86 66.7 41.6 77.3
49 117.3 97.0 180.2



#25
Chloroform
Concen: 0.259 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037553.D
Acq: 02 Apr 2020 14:12

Tgt Ion: 83 Resp: 3154
Ion Ratio Lower Upper
83 100
85 56.2 45.8 85.2

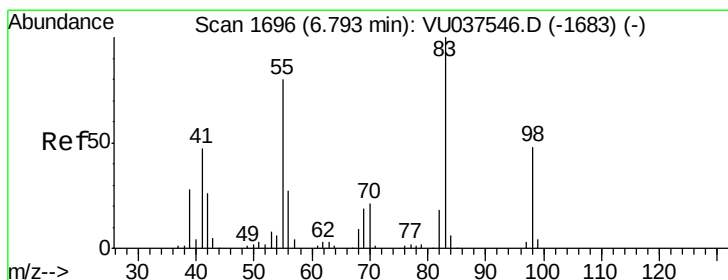
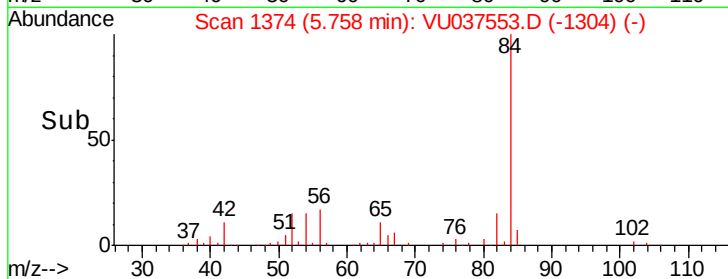
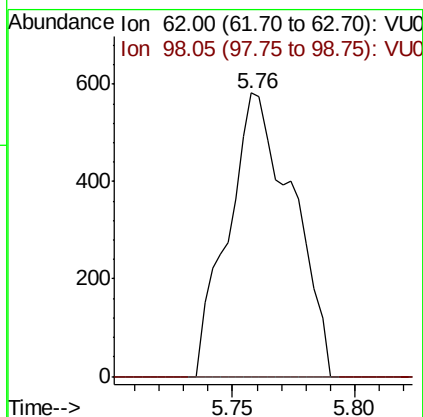
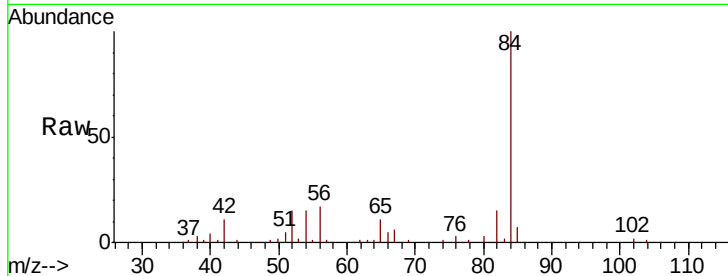




#27
 1,2-Dichloroethane
 Concen: 0.137 ug/L
 RT: 5.76 min Scan# 1374
 Delta R.T. -0.07 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

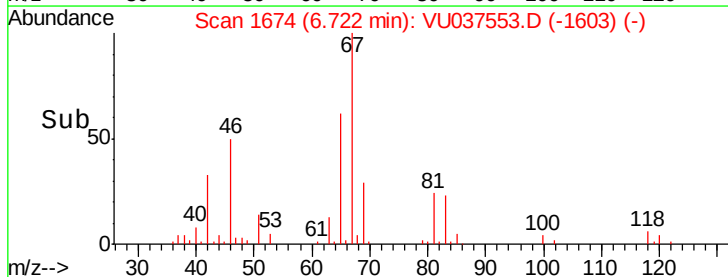
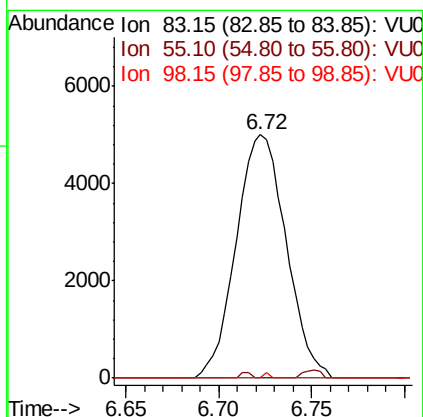
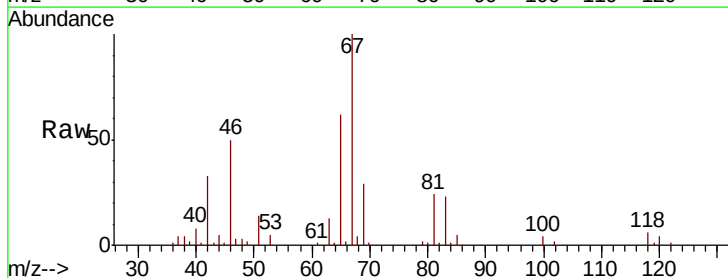
Instrument :
 MSVOA_U
 ClientSampleId :

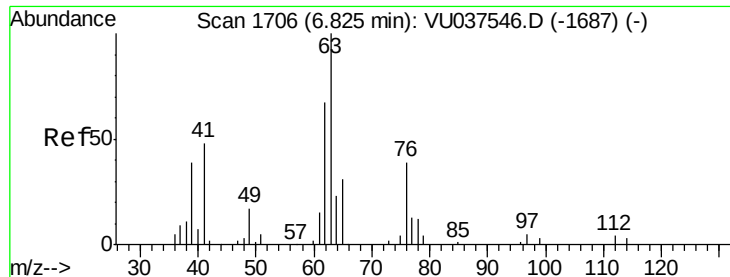
Tot Ion: 62 Resp: 1067
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



#35
 Methylcyclohexane
 Concen: 0.809 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

Tgt Ion: 83 Resp: 9403
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.0 94.6#
 98 0.2 35.3 52.9#

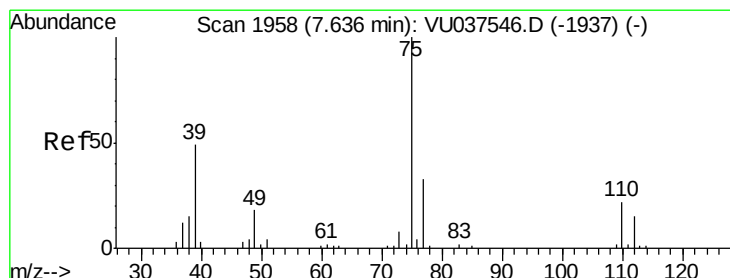
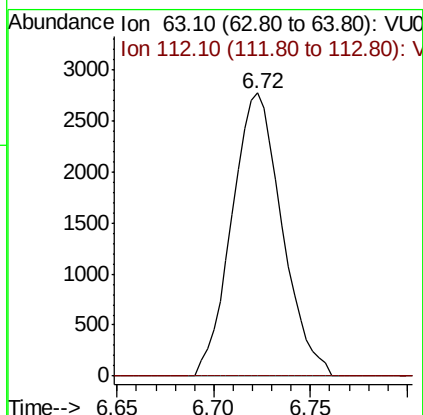
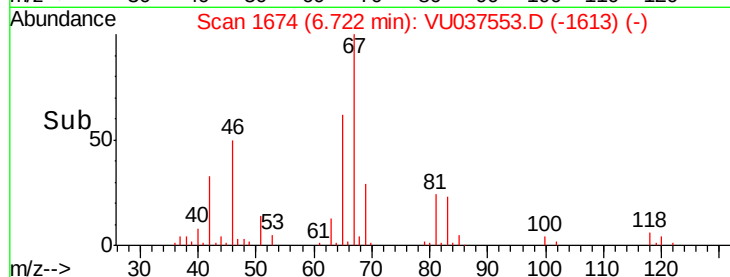
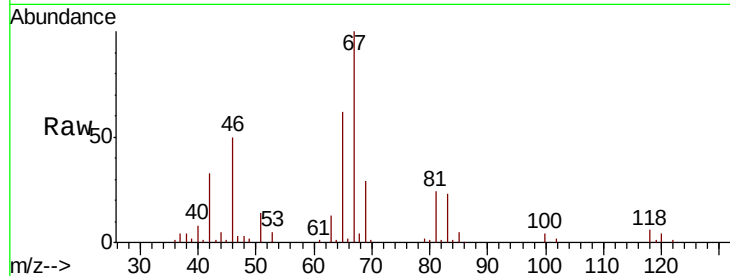




#37
 1,2-Dichloropropane
 Concen: 0.703 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

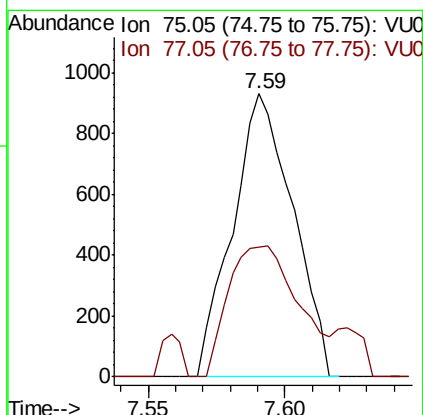
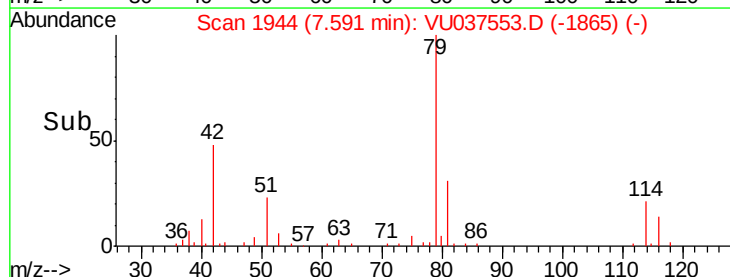
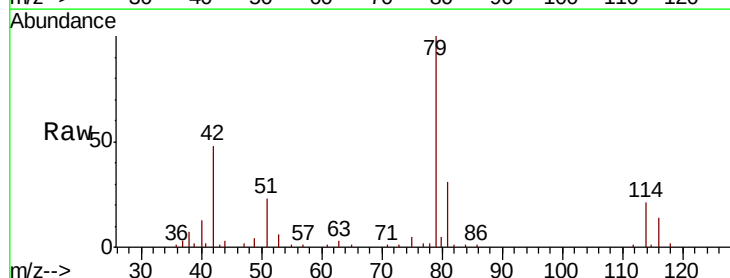
Instrument :
 MSVOA_U
 ClientSampled :

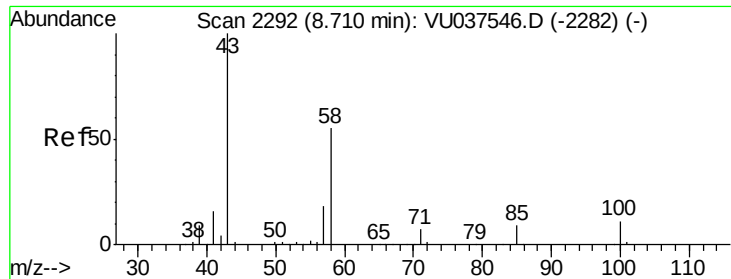
Tot Ion: 63 Resp: 4989
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

Tgt Ion: 75 Resp: 1425
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.2 41.2#

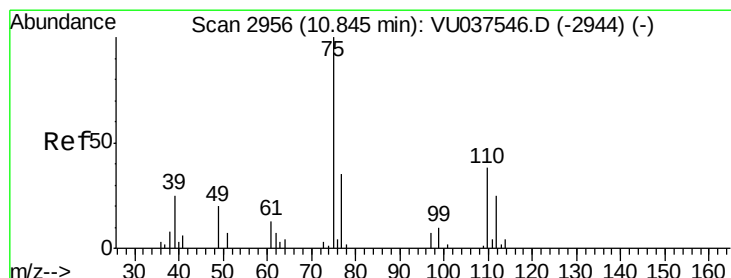
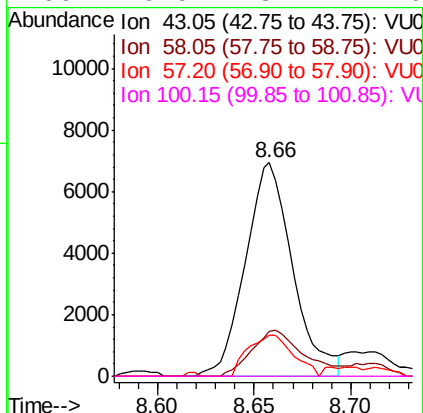
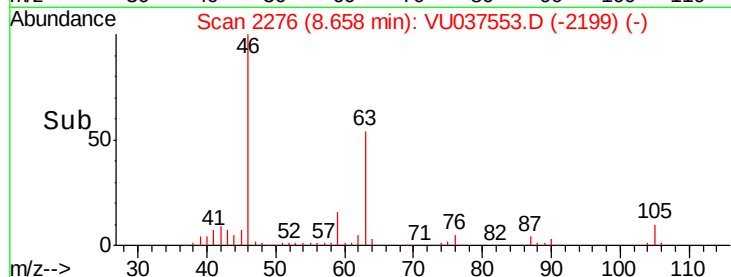
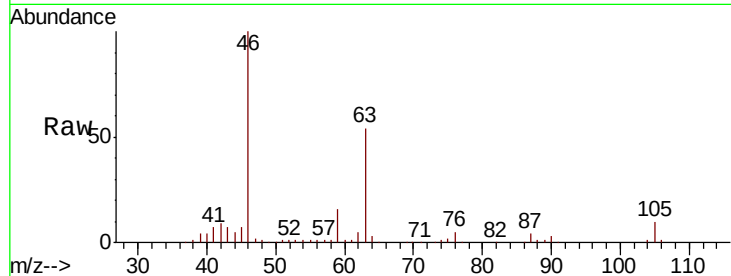




#48
 2-Hexanone
 Concen: 3.294 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

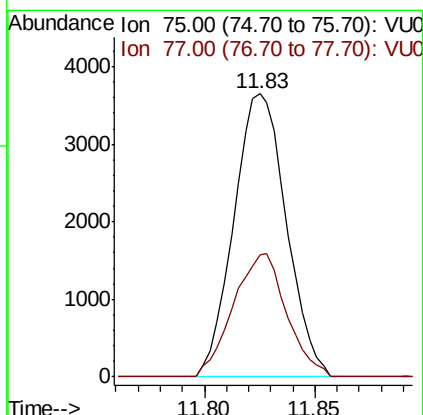
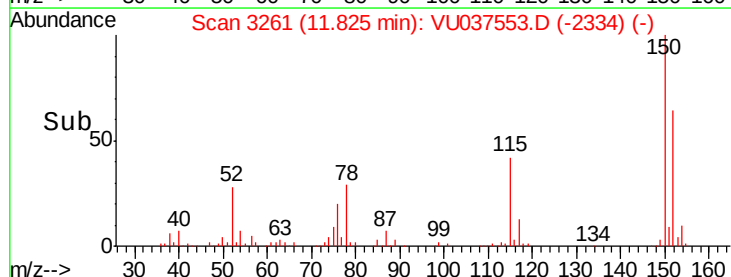
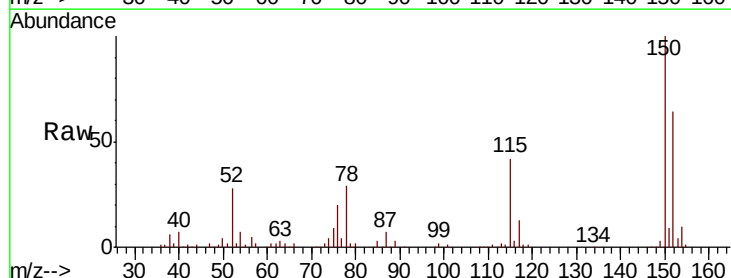
Instrument :
 MSVOA_U
 ClientSampleId :

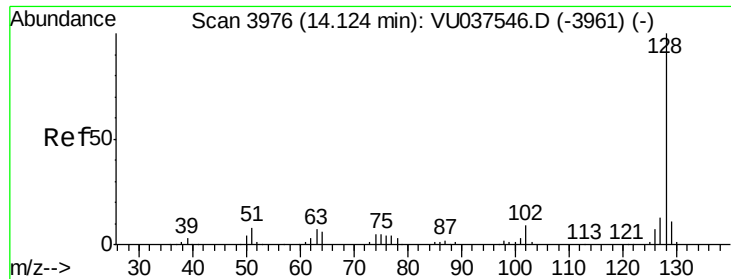
Tot Ion: 43 Resp: 11804
 Ion Ratio Lower Upper
 43 100
 58 24.1 45.0 67.6#
 57 18.2 14.9 22.3
 100 0.0 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.293 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037553.D
 Acq: 02 Apr 2020 14:12

Tgt Ion: 75 Resp: 6020
 Ion Ratio Lower Upper
 75 100
 77 44.1 25.8 38.6#





#69

Naphthalene

Concen: 13.074 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

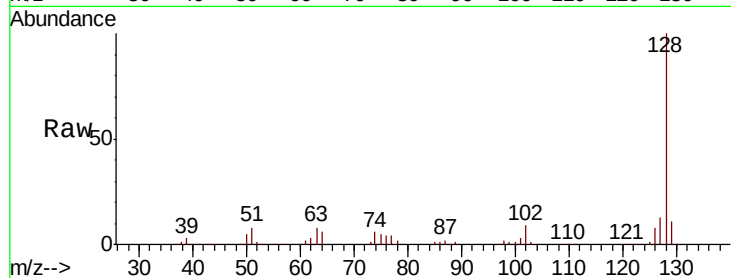
Lab File: VU037553.D

Acq: 02 Apr 2020 14:12

Instrument :

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ClientSampleId :



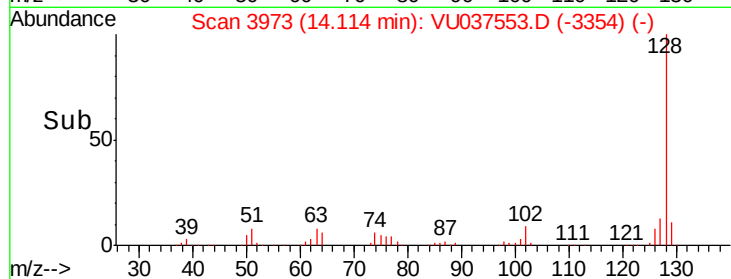
Tot Ion:128 Resp: 258238

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

