

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037261.D
 Acq On : 14 Mar 2020 14:30
 Operator : JC/MD
 Sample : VU0314WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Mar 16 05:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	124342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	122437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36946	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	32627	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.59	63	54913	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.68	46	110060	52.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	5.11	84	77780	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	48002	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	145145	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	47335	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	132293	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.21	79	19587	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.66	63	92562	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39641	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	49528	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

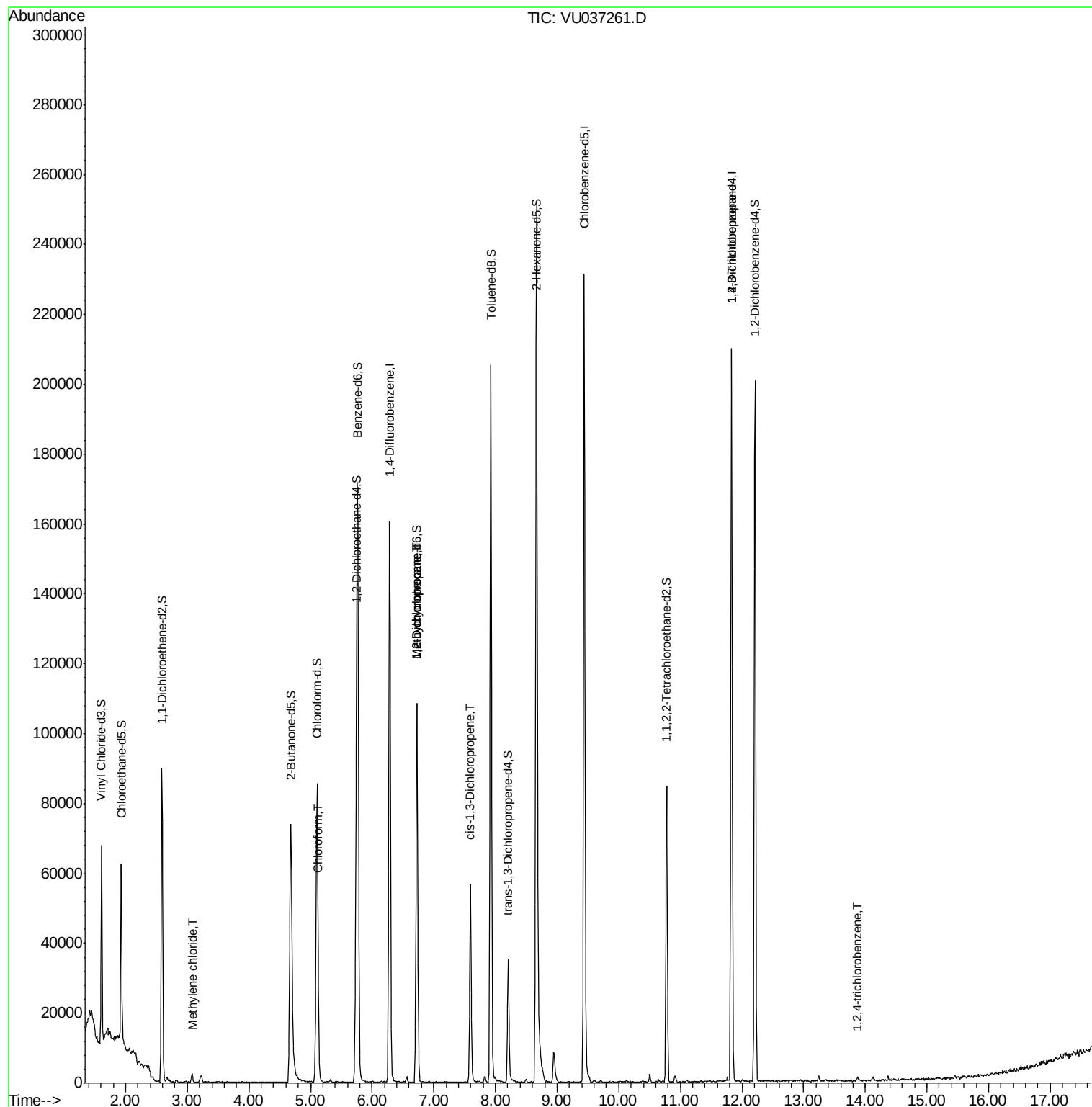
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	1057	0.108	ug/L #	83
25) Chloroform	5.13	83	3581	0.189	ug/L	99
35) Methylcyclohexane	6.73	83	10989	0.727	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	6010	0.631	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1781	0.130	ug/L	84
59) 1,2,3-Trichloropropane	11.83	75	7960	1.168	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	675	0.082	ug/L #	65

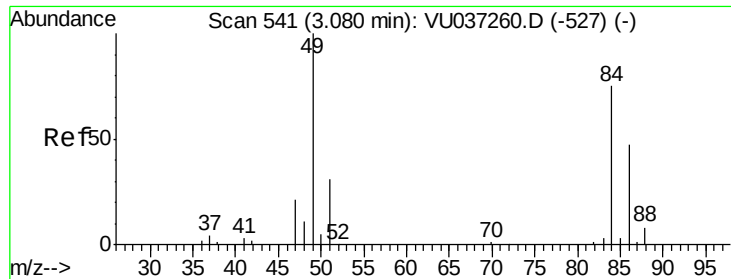
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031420\
Data File : VU037261.D
Acq On : 14 Mar 2020 14:30
Operator : JC/MD
Sample : VU0314WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

Quant Time: Mar 16 05:18:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 16 05:16:55 2020
Response via : Initial Calibration

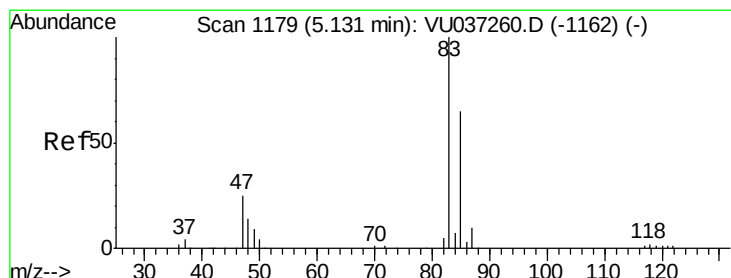
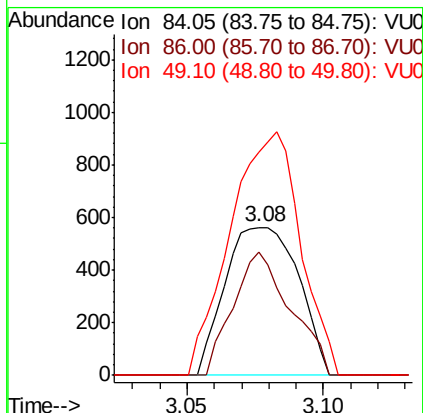
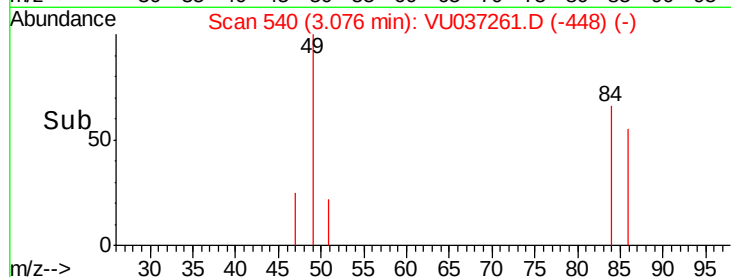
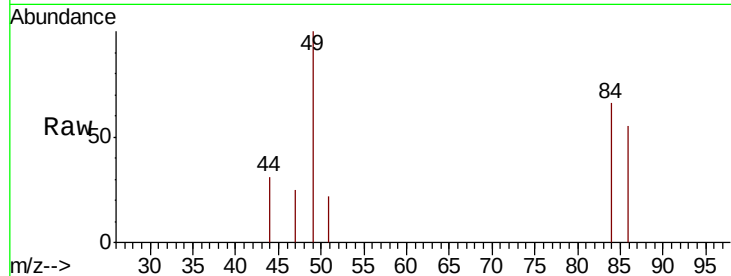




#16
Methylene chloride
Concen: 0.108 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

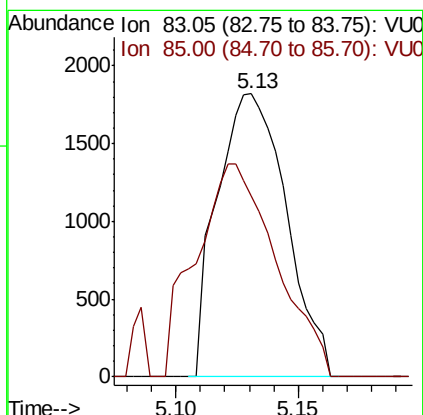
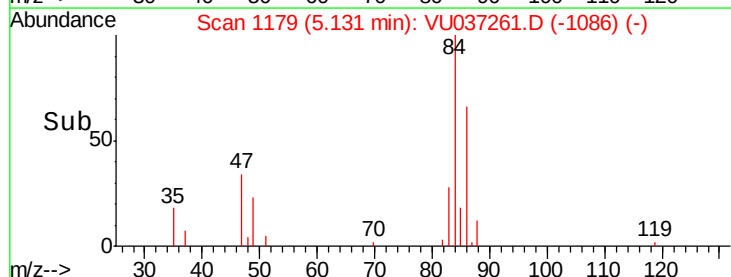
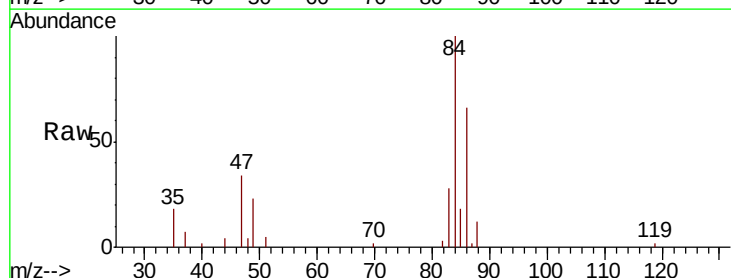
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

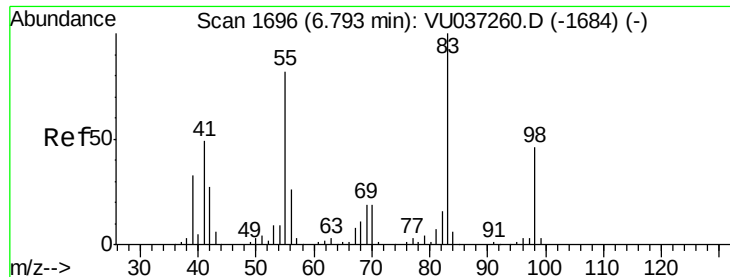
Tot Ion: 84 Resp: 1057
Ion Ratio Lower Upper
84 100
86 83.1 44.3 82.3#
49 151.1 95.3 177.1



#25
Chloroform
Concen: 0.189 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

Tgt Ion: 83 Resp: 3581
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1

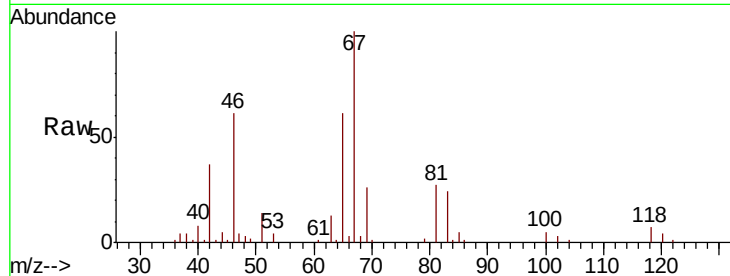




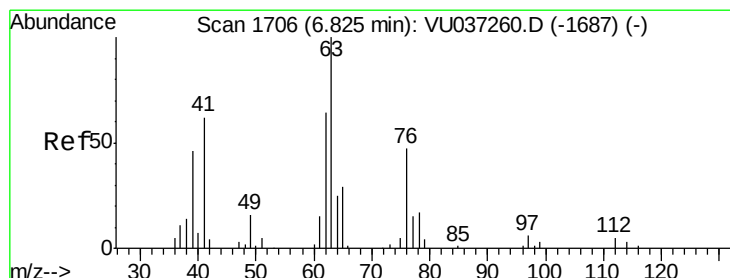
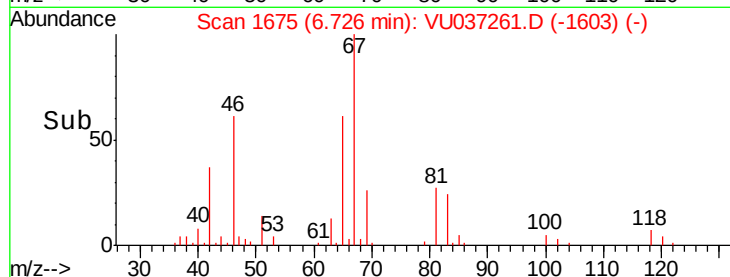
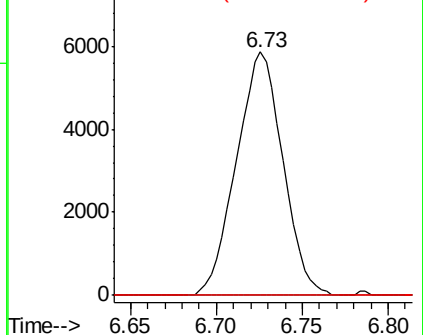
#35
Methylvlcyclohexane
Concen: 0.727 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

Tot Ion: 83 Resp: 10989
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 2.5 37.0 55.4#

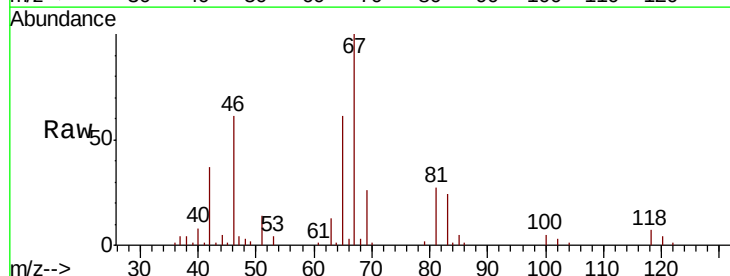


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

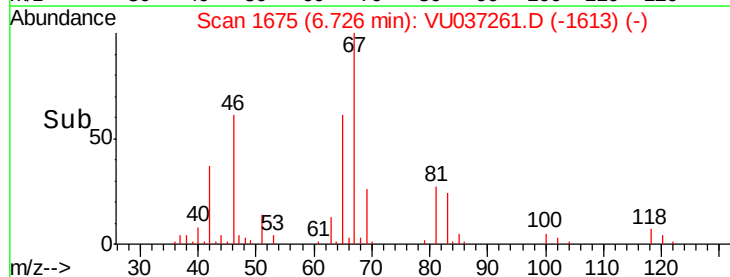
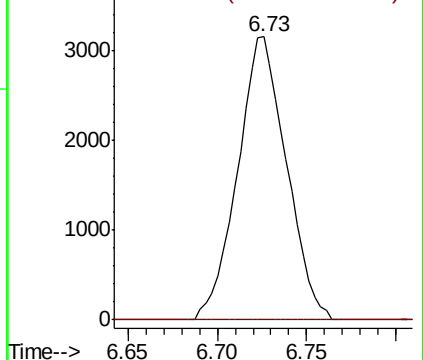


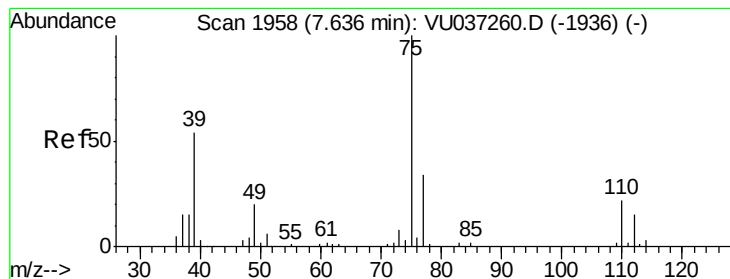
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

Tgt Ion: 63 Resp: 6010
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



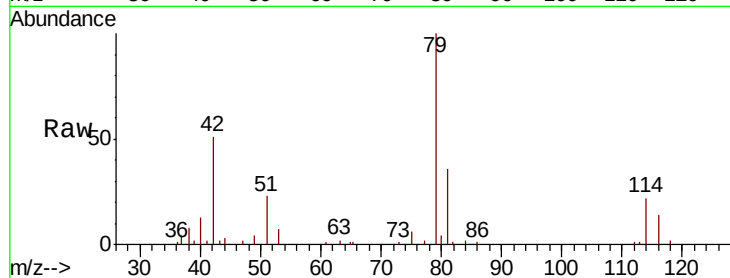


#39

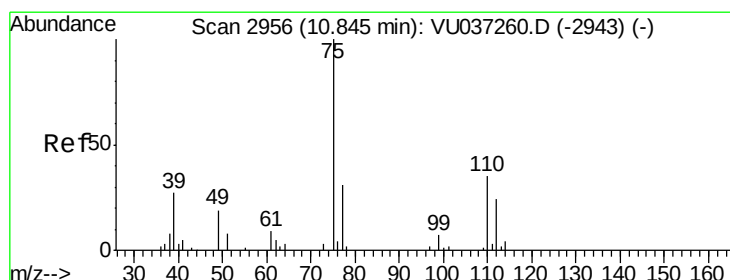
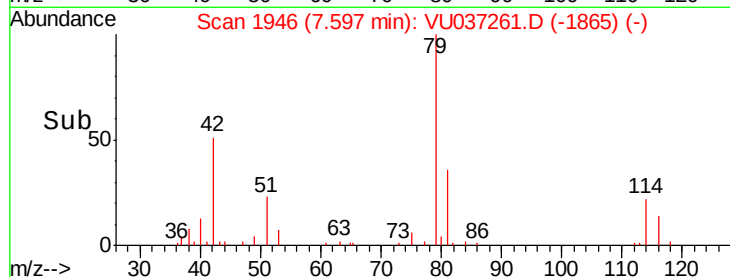
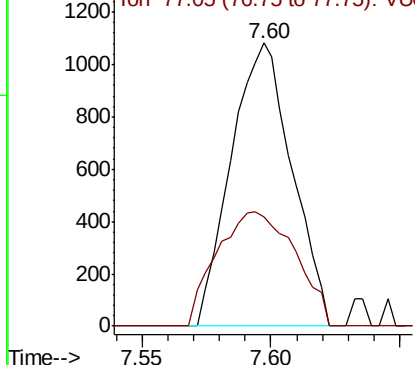
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

Instrument :
MSVOA_U
ClientSampled :
VBLK23

Tot Ion: 75 Resp: 1781
Ion Ratio Lower Upper
75 100
77 38.5 21.1 39.1



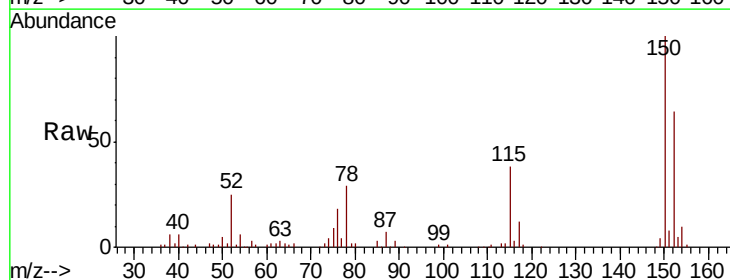
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



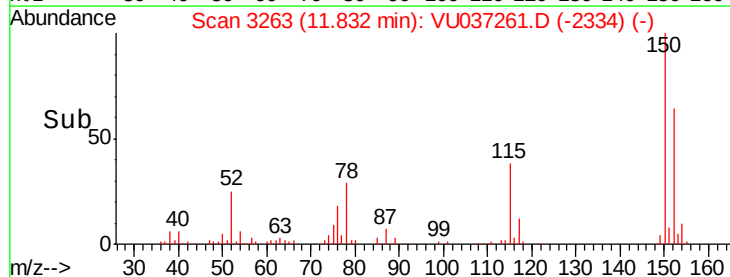
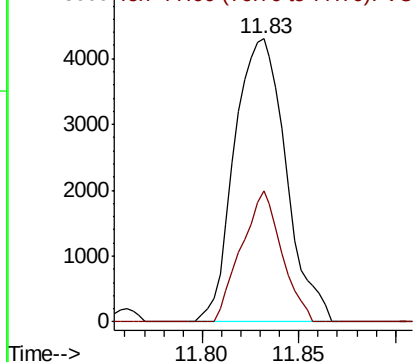
#59

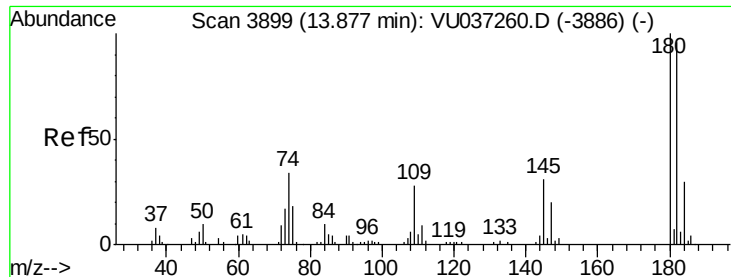
1,2,3-Trichloropropane
Concen: 1.168 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU037261.D
Acq: 14 Mar 2020 14:30

Tgt Ion: 75 Resp: 7960
Ion Ratio Lower Upper
75 100
77 36.3 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#68

1,2,4-trichlorobenzene

Concen: 0.082 ug/L

RT: 13.87 min Scan# 3897

Delta R.T. -0.01 min

Lab File: VU037261.D

Acq: 14 Mar 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

VBLK23

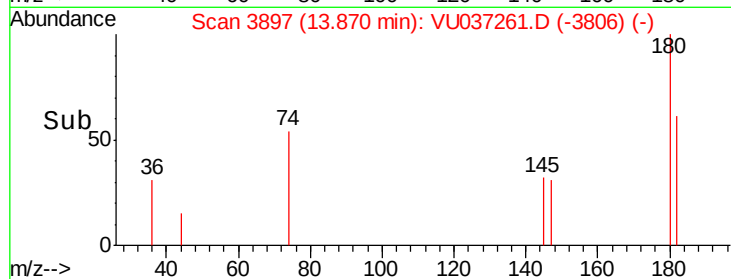
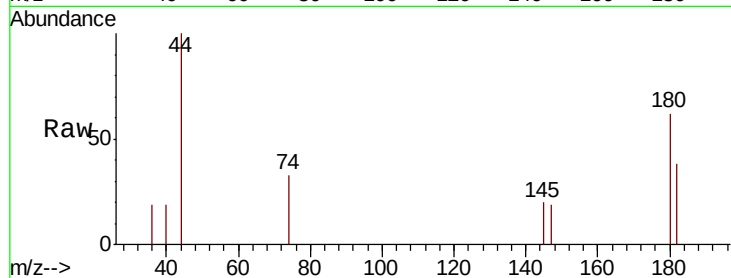
Tot Ion:180 Resp: 675

Ion Ratio Lower Upper

180 100

182 62.2 76.7 115.1#

145 13.0 26.6 39.8#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

