

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040502.D
 Acq On : 05 Oct 2020 11:53
 Operator : SY/MD
 Sample : VU1005WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Oct 06 07:52:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27645	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	25056	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	46102	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	123387	42.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	5.08	84	59415	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	39620	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	110557	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	38772	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	91311	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	15708	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	80911	38.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35292	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	36542	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

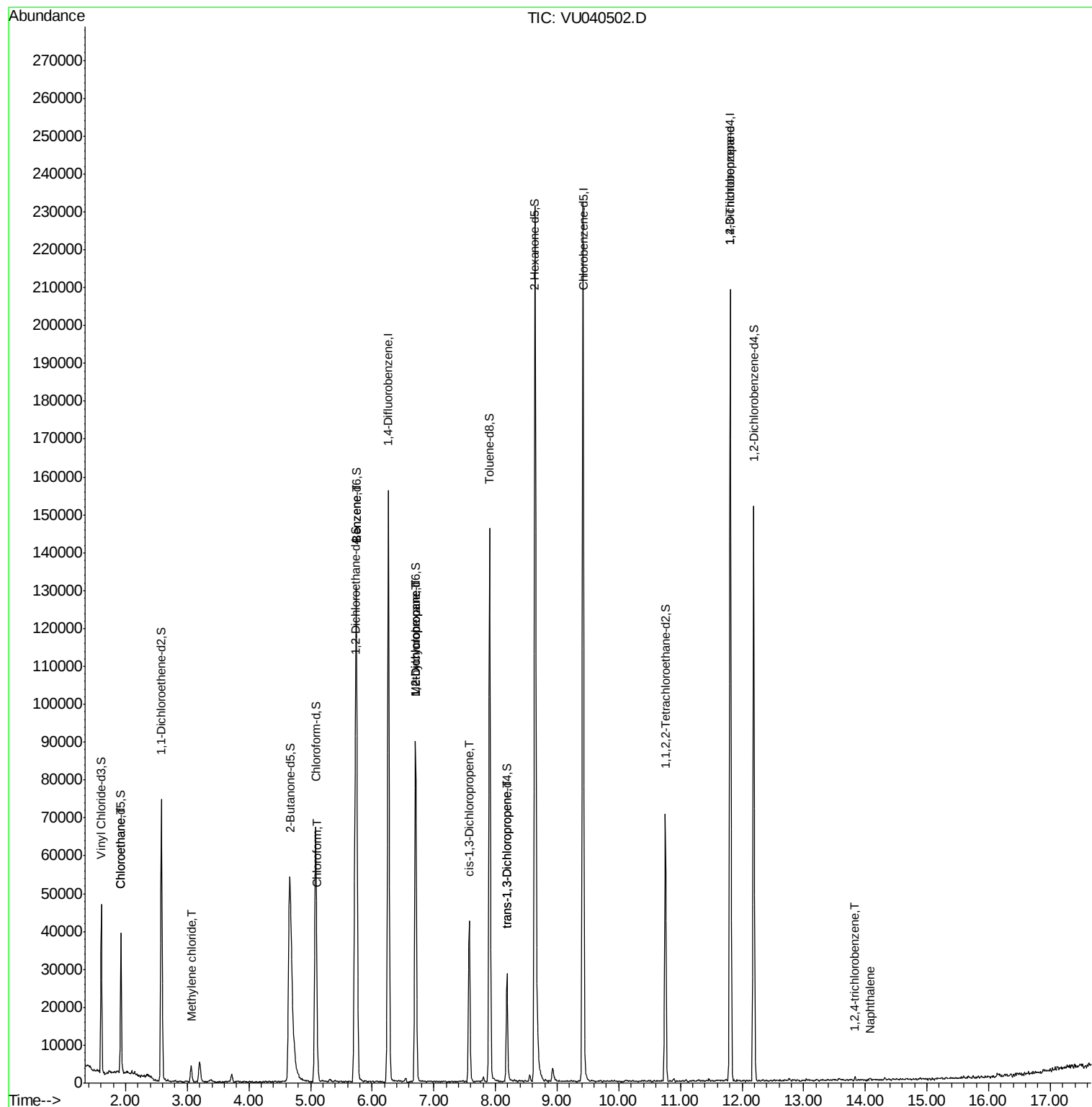
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.92	64	709	0.105	ug/L #	44
16) Methylene chloride	3.06	84	1681	0.149	ug/L #	80
25) Chloroform	5.11	83	3366	0.173	ug/L	90
33) Benzene	5.74	78	1140	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	9466	0.609	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4577	0.412	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1197	0.080	ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	648	0.047	ug/L #	30
59) 1,2,3-Trichloropropane	11.81	75	6765	0.840	ug/L	89
68) 1,2,4-trichlorobenzene	13.83	180	351	0.036	ug/L #	60
69) Naphthalene	14.08	128	789	0.048	ug/L #	70

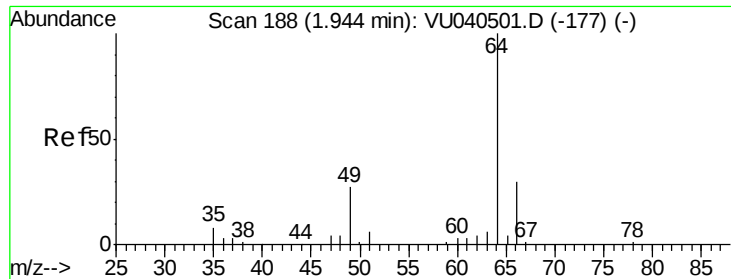
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100520\
Data File : VU040502.D
Acq On : 05 Oct 2020 11:53
Operator : SY/MD
Sample : VU1005WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

Quant Time: Oct 06 07:52:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

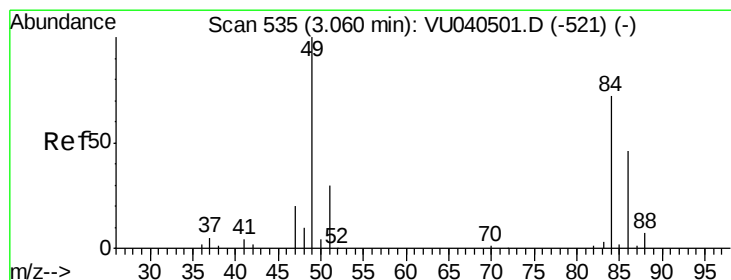
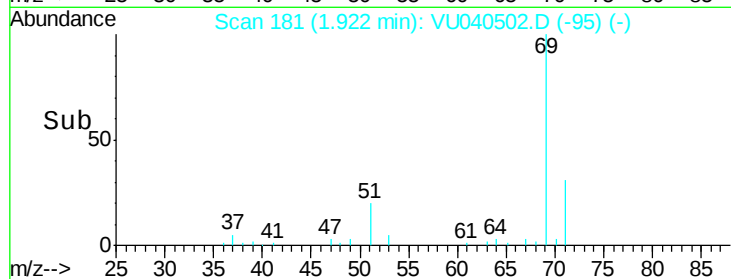
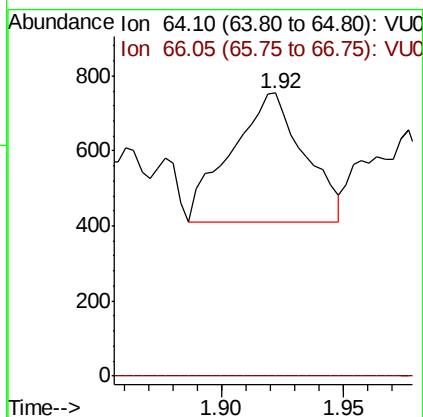
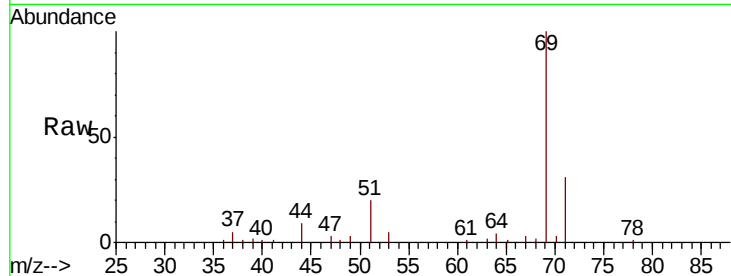




#8
Chloroethane
Concen: 0.105 ug/L
RT: 1.92 min Scan# 181
Delta R.T. -0.02 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

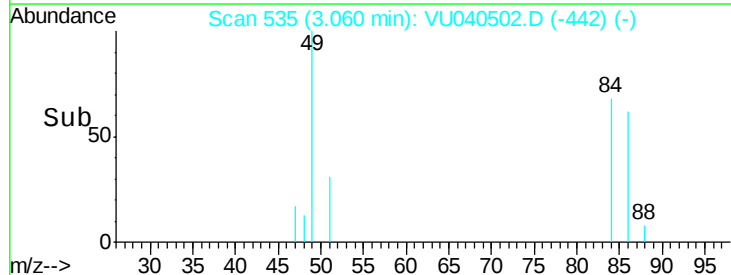
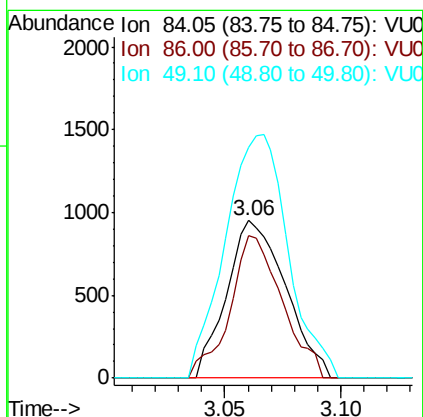
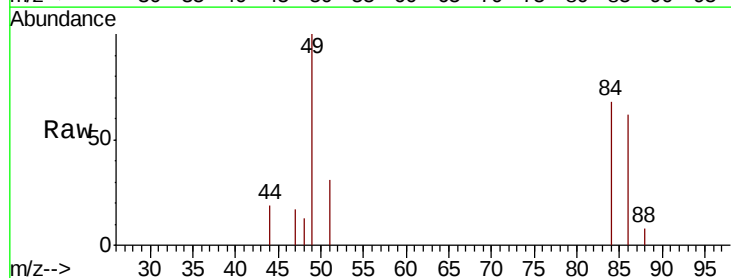
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

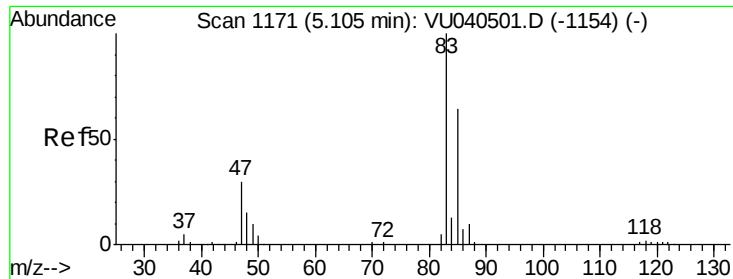
Tot Ion: 64 Resp: 709
Ion Ratio Lower Upper
64 100
66 0.0 21.3 39.6#



#16
Methylene chloride
Concen: 0.149 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

Tgt Ion: 84 Resp: 1681
Ion Ratio Lower Upper
84 100
86 90.2 44.4 82.5#
49 146.4 92.2 171.2

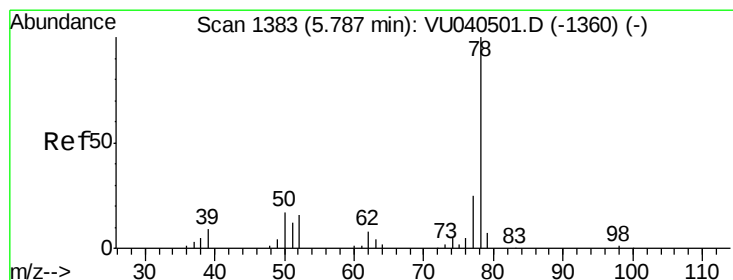
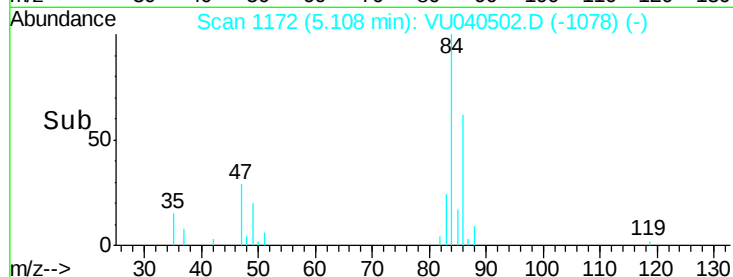
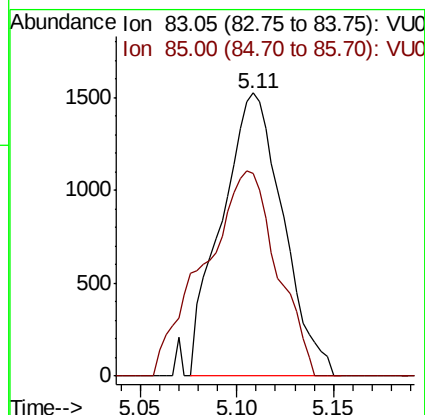
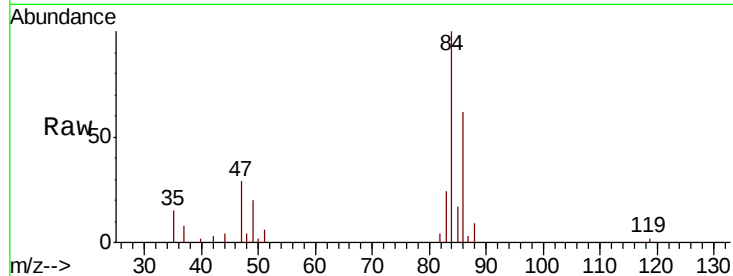




#25
Chloroform
Concen: 0.173 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

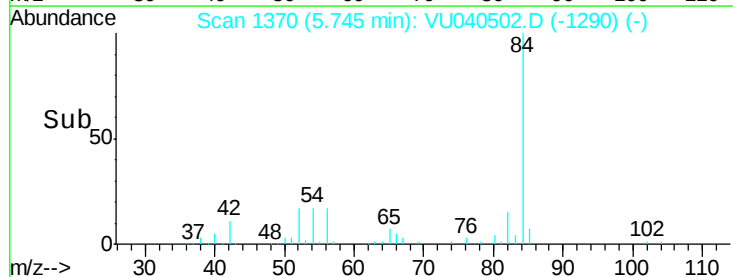
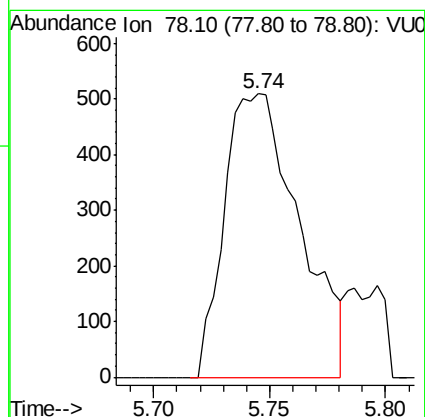
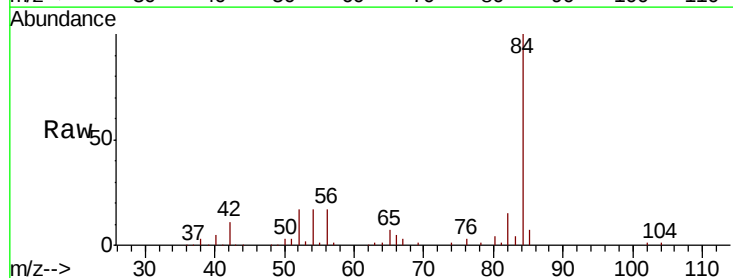
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

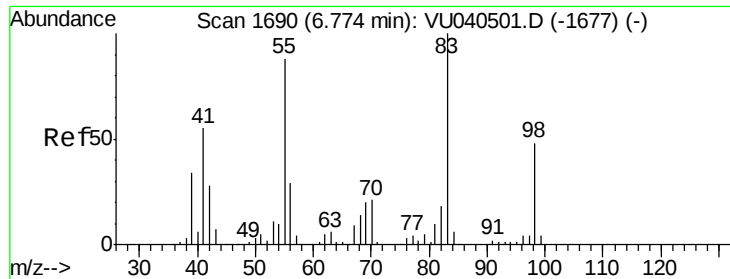
Tot Ion: 83 Resp: 3366
Ion Ratio Lower Upper
83 100
85 71.5 44.6 82.8



#33
Benzene
Concen: 0.029 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

Tgt Ion: 78 Resp: 1140

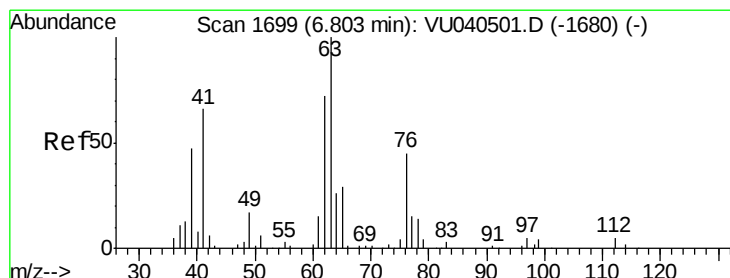
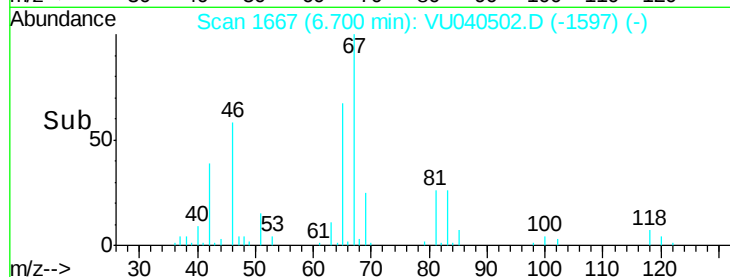
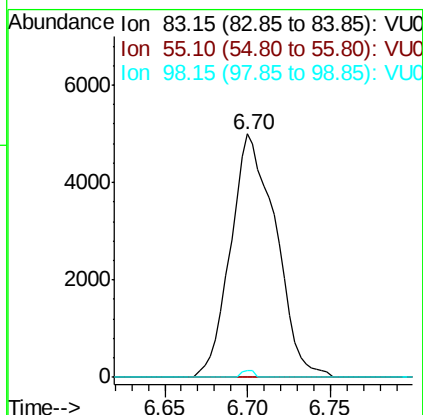
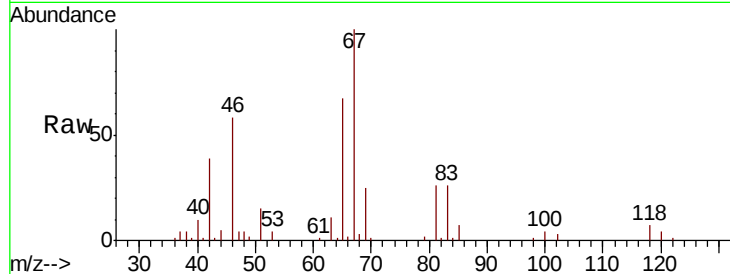




#35
Methvlcvclohexane
Concen: 0.609 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

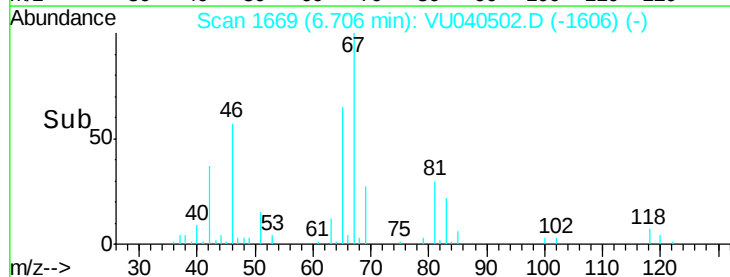
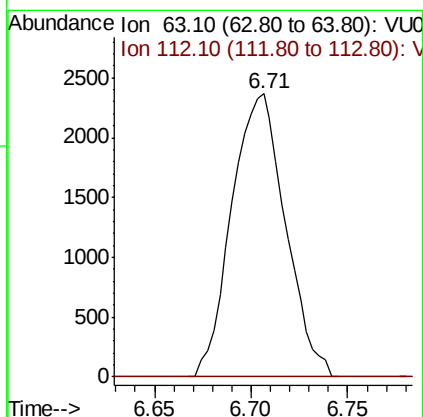
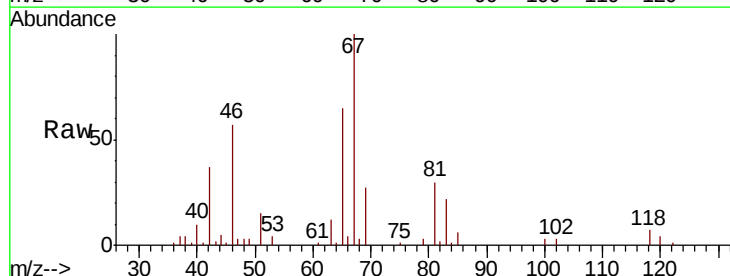
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

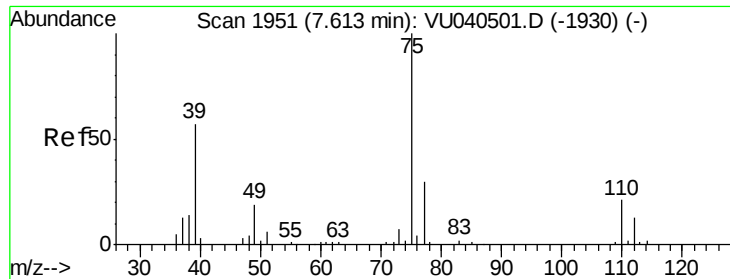
Tot Ion: 83 Resp: 9466
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.8 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.412 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

Tgt Ion: 63 Resp: 4577
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



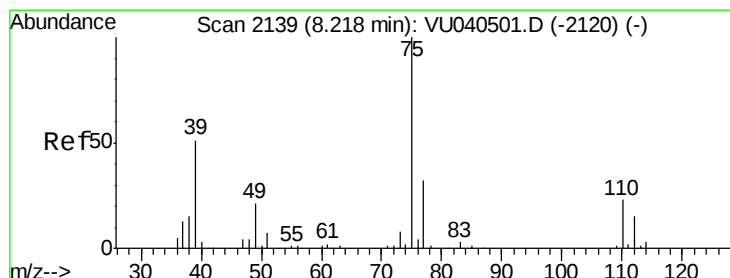
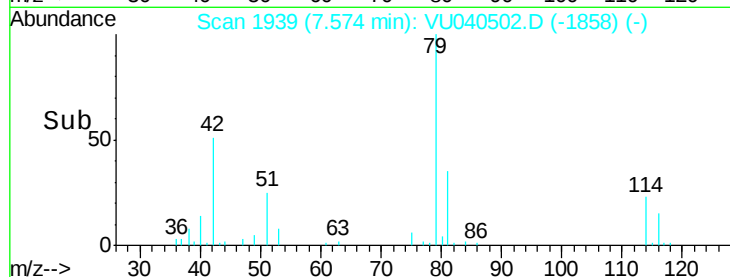
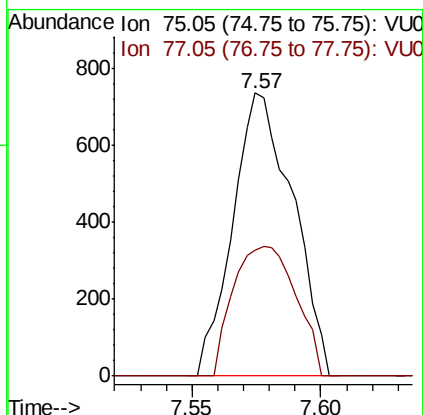
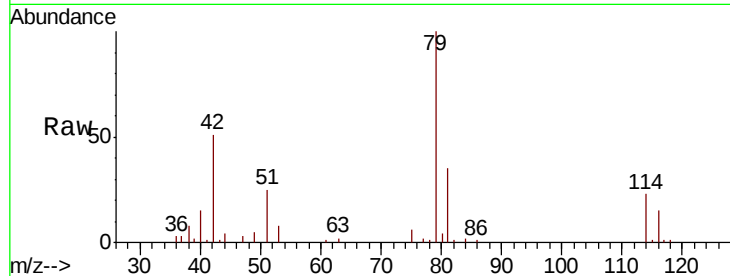


#39

cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

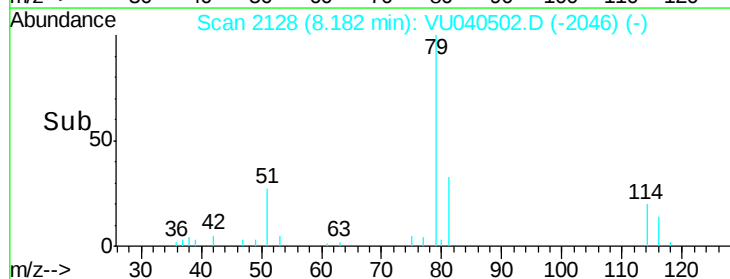
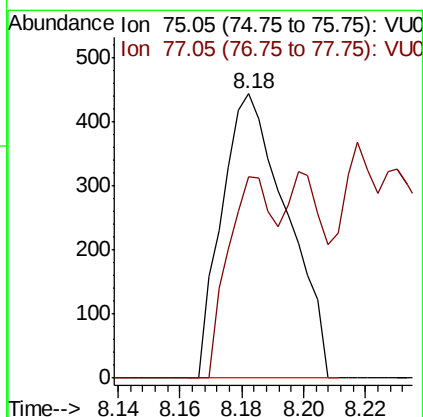
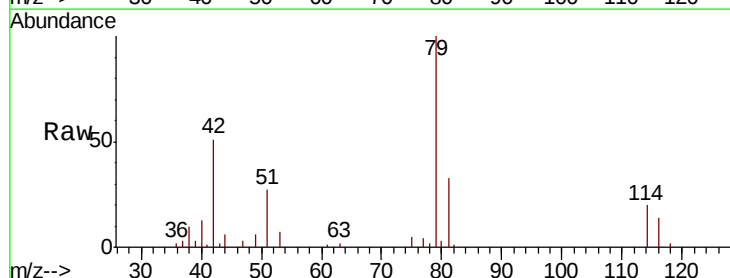
Tot Ion: 75 Resp: 1197
Ion Ratio Lower Upper
75 100
77 44.5 23.5 43.7#

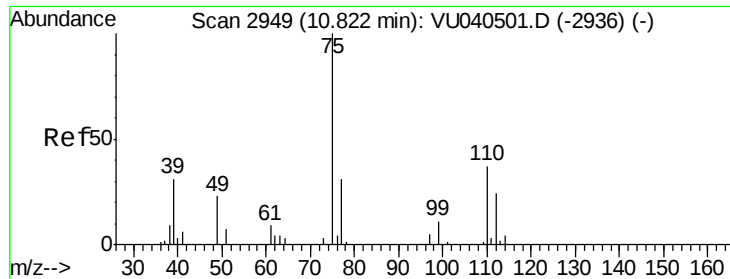


#44

trans-1,3-Dichloropropene
Concen: 0.047 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU040502.D
Acq: 05 Oct 2020 11:53

Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
77 70.7 22.3 41.3#

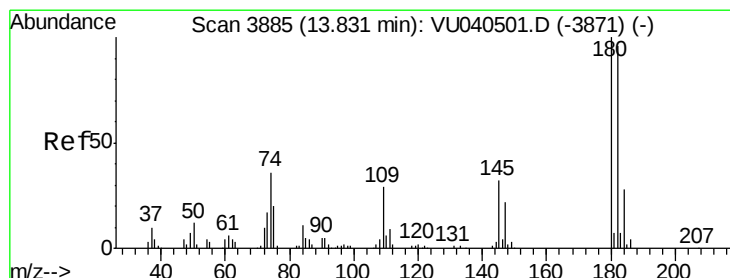
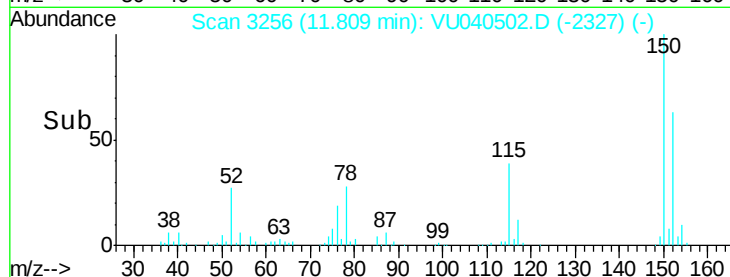
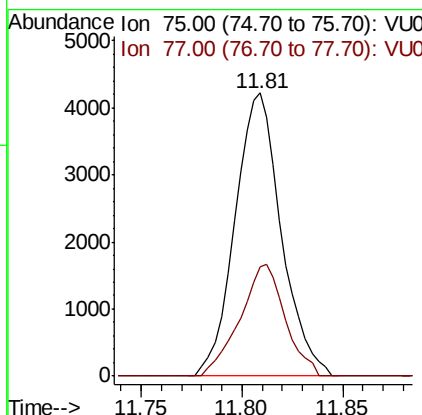
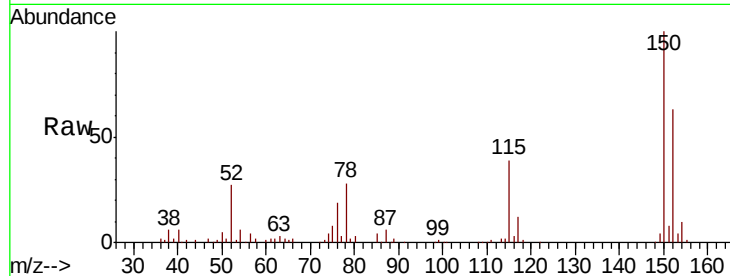




#59
 1,2,3-Trichloropropane
 Concen: 0.840 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040502.D
 Acq: 05 Oct 2020 11:53

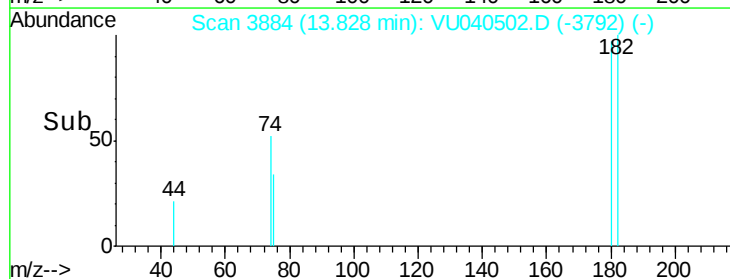
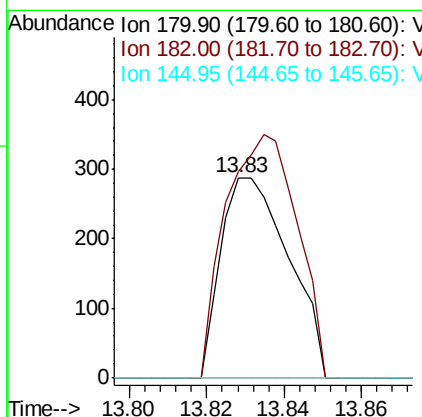
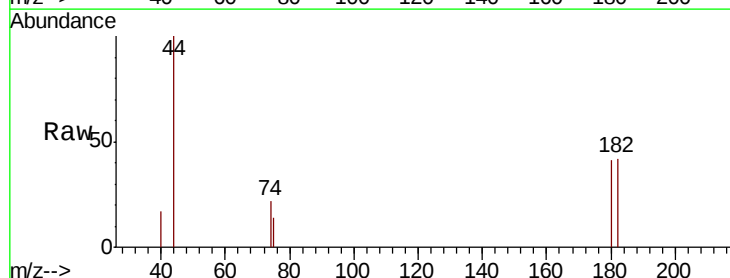
Instrument :
 MSVOA_U
 ClientSampleID :
 VBLK23

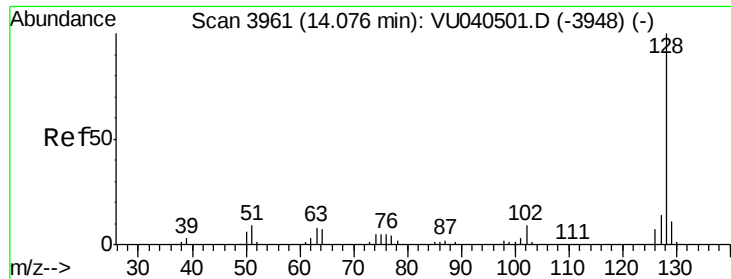
Tot Ion: 75 Resp: 6765
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5



#68
 1,2,4-trichlorobenzene
 Concen: 0.036 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040502.D
 Acq: 05 Oct 2020 11:53

Tgt Ion: 180 Resp: 351
 Ion Ratio Lower Upper
 180 100
 182 128.2 76.6 115.0#
 145 0.0 26.3 39.5#





#69

Naphthalene

Concen: 0.048 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040502.D

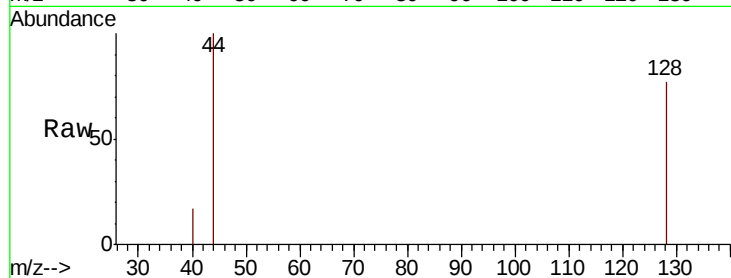
Acq: 05 Oct 2020 11:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK23



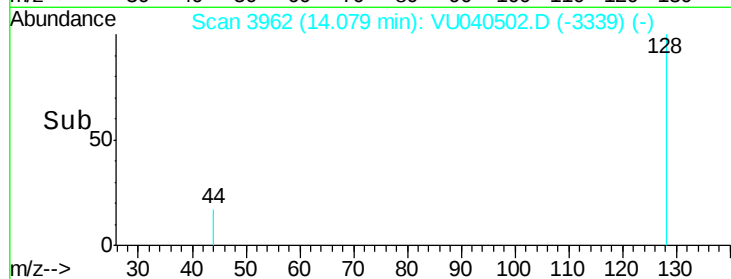
Tot Ion:128 Resp: 789

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 0.0 10.2 15.4#



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

