

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100520\
 Data File : VU040514.D
 Acq On : 05 Oct 2020 17:04
 Operator : SY/MD
 Sample : VIBLK72
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK22

Quant Time: Oct 06 07:54:30 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	110829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29007	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.92	69	24839	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	46265	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.65	46	128046	46.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	5.08	84	62424	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	41410	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	119666	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	42218	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	96356	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.18	79	16996	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	85701	41.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38511	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	39675	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

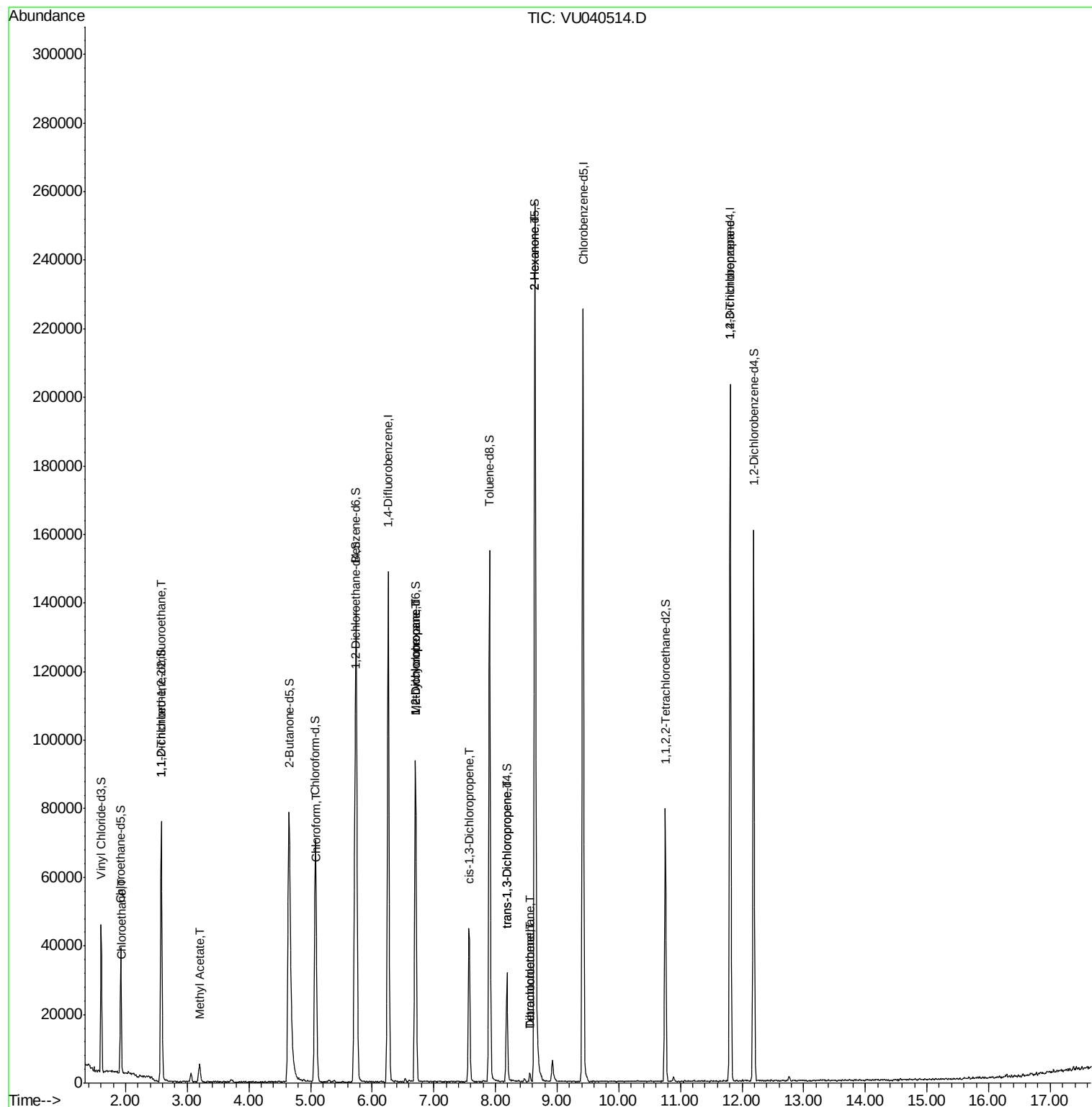
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	224	0.035	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	437	0.046	ug/L #	22
15) Methyl Acetate	3.20	43	580	0.106	ug/L #	56
25) Chloroform	5.10	83	3989	0.218	ug/L	99
35) Methylcyclohexane	6.70	83	9991	0.652	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4851	0.443	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1169	0.080	ug/L	82
44) trans-1,3-Dichloropropene	8.19	75	776	0.057	ug/L #	73
47) Tetrachloroethene	8.56	164	498	0.067	ug/L #	86
48) 2-Hexanone	8.64	43	12080	1.912	ug/L #	73
49) Dibromochloromethane	8.56	129	445	0.050	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6844	0.862	ug/L #	86

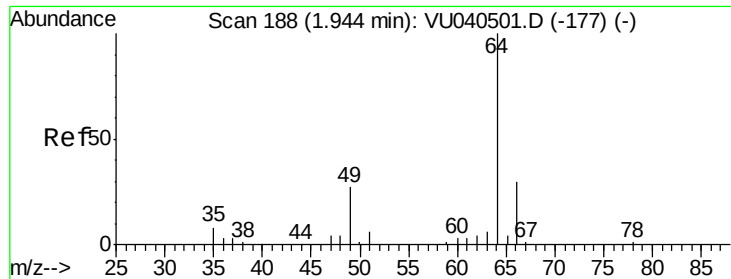
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100520\
Data File : VU040514.D
Acq On : 05 Oct 2020 17:04
Operator : SY/MD
Sample : VIBLK72
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Quant Time: Oct 06 07:54:30 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

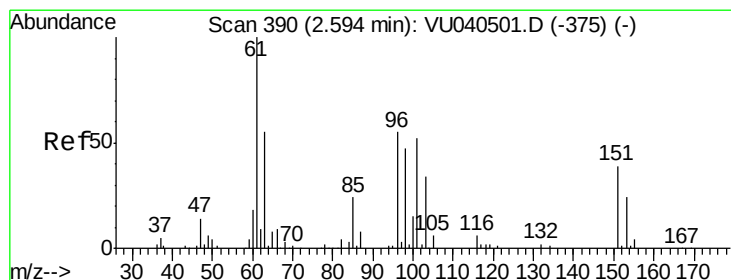
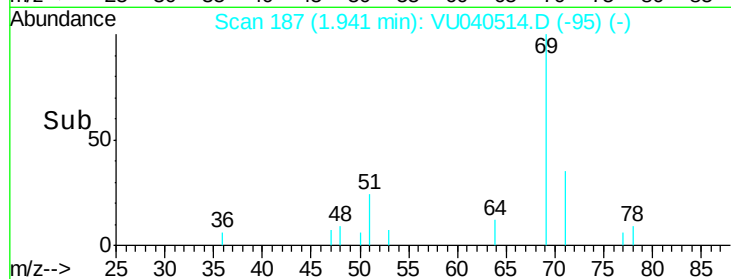
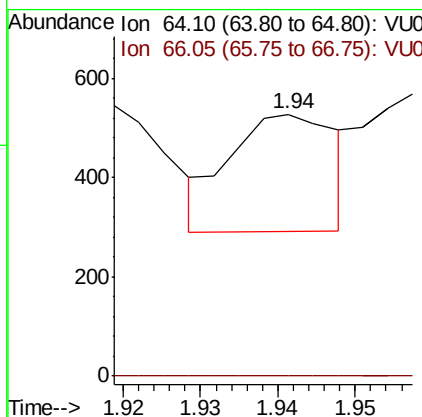
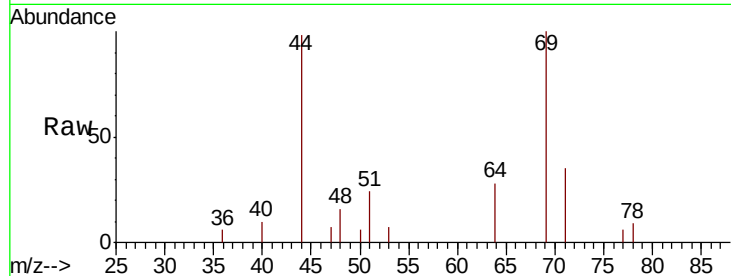




#8
Chloroethane
Concen: 0.035 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

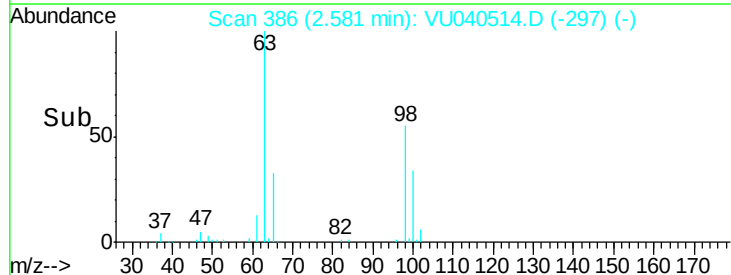
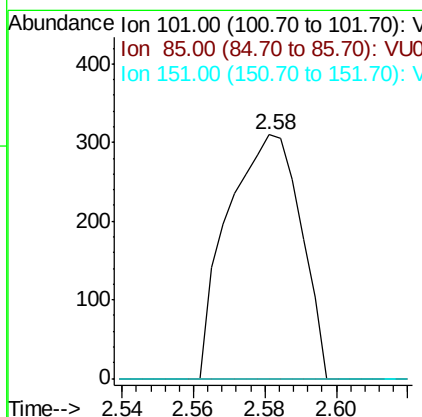
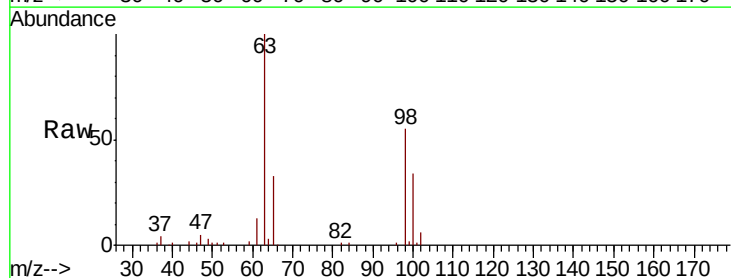
Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

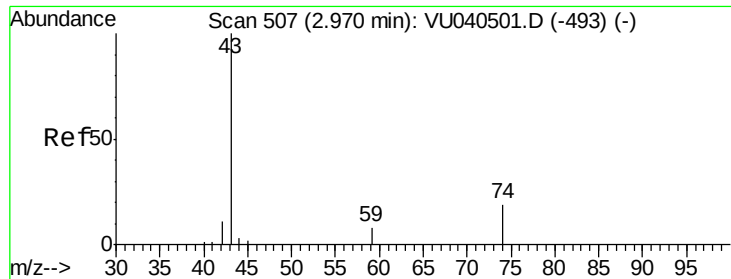
Tot Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 21.3 39.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

Tgt Ion: 101 Resp: 437
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.6#
151 0.0 55.4 83.2#

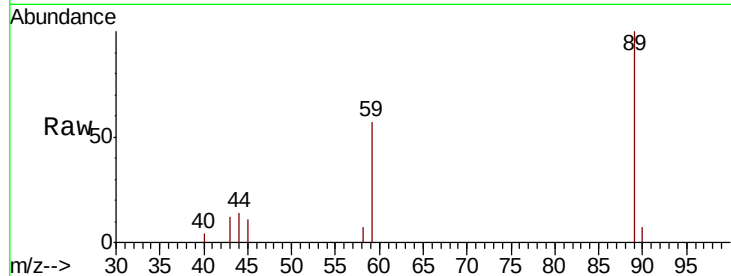




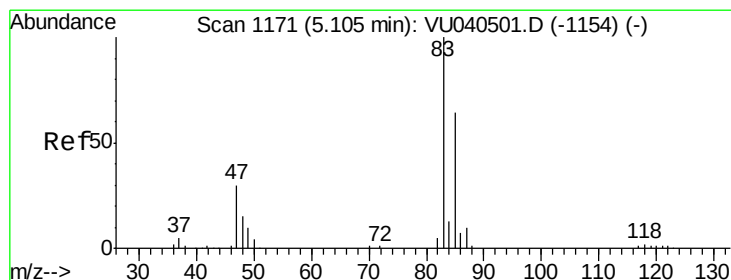
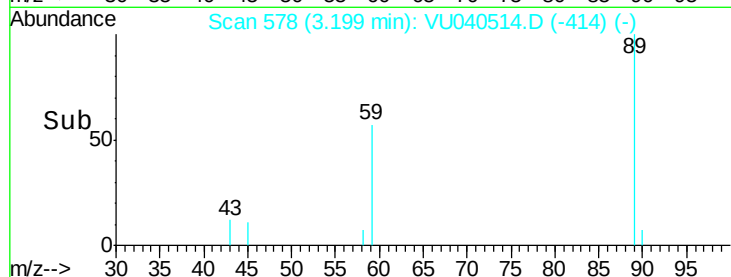
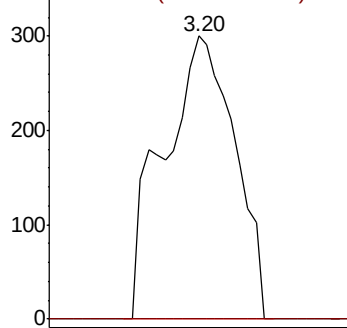
#15
Methyl Acetate
Concen: 0.106 ug/L
RT: 3.20 min Scan# 578
Delta R.T. 0.23 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Tot Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

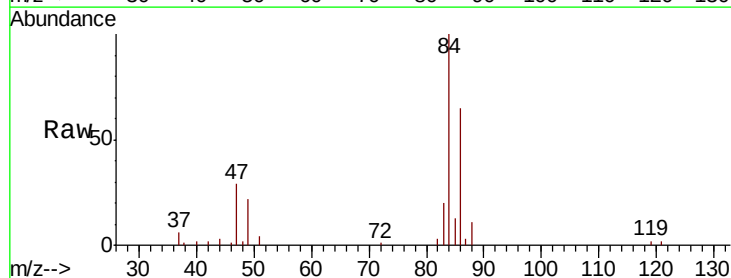


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

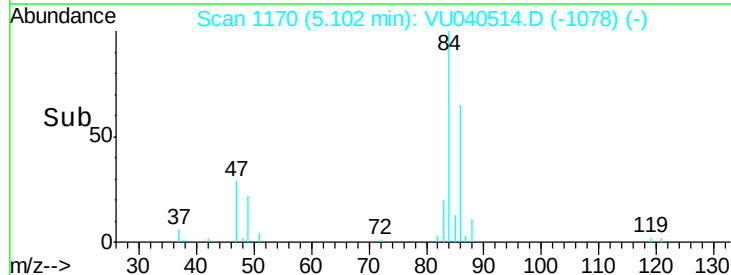
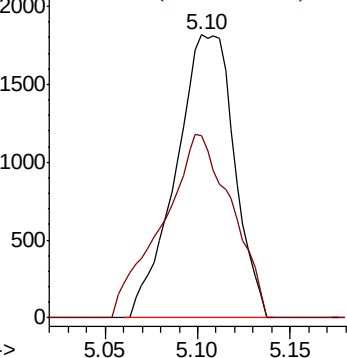


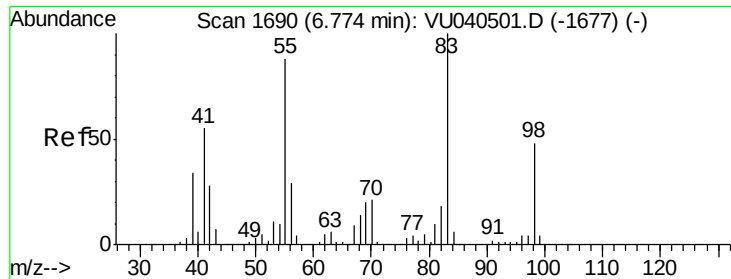
#25
Chloroform
Concen: 0.218 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

Tgt Ion: 83 Resp: 3989
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

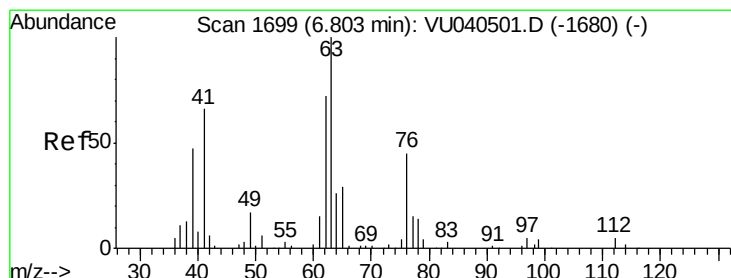
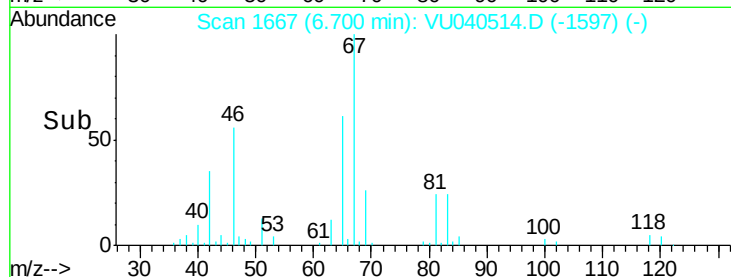
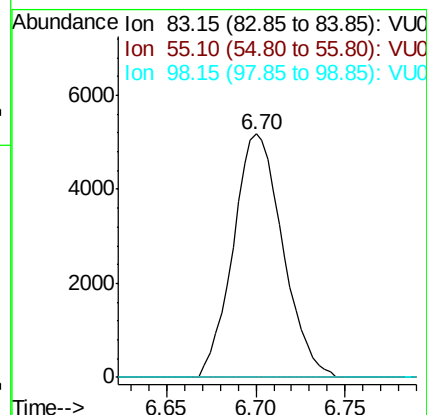
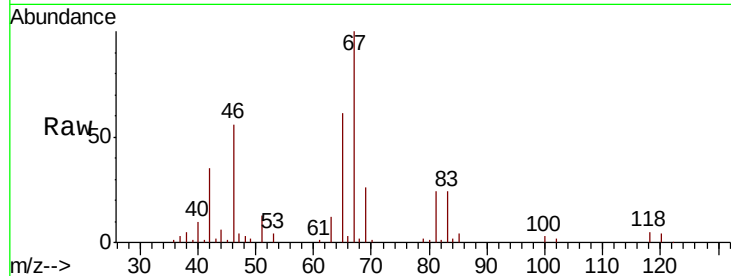




#35
Methylvlcyclohexane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

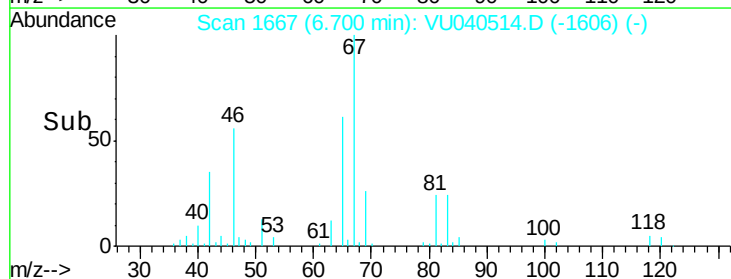
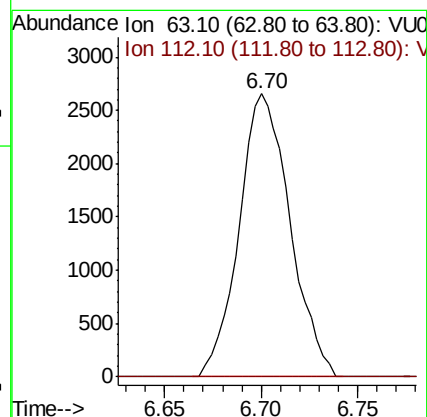
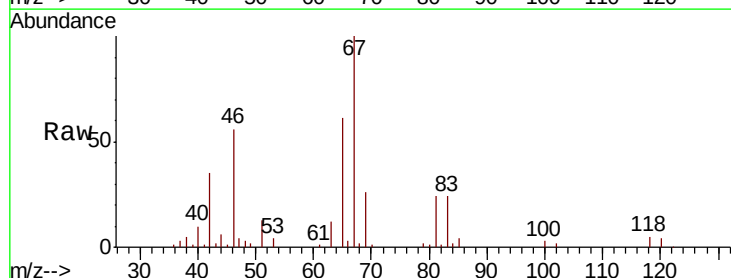
Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

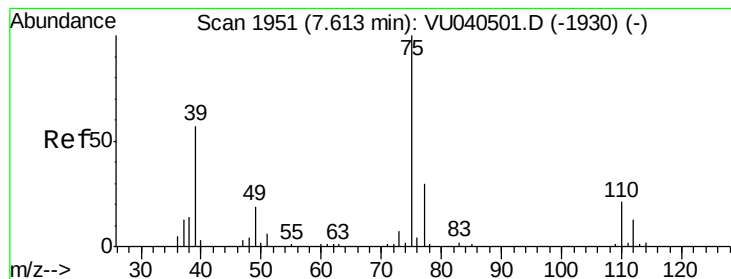
Tot Ion: 83 Resp: 9991
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 2.3 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.443 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040514.D
Acq: 05 Oct 2020 17:04

Tgt Ion: 63 Resp: 4851
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: VU040514.D

Acq: 05 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

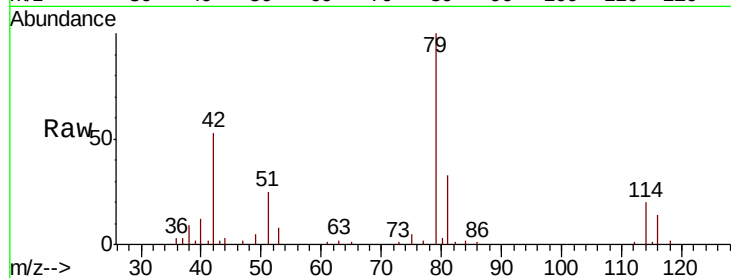
VIBLK22

Tot Ion: 75 Resp: 1169

Ion Ratio Lower Upper

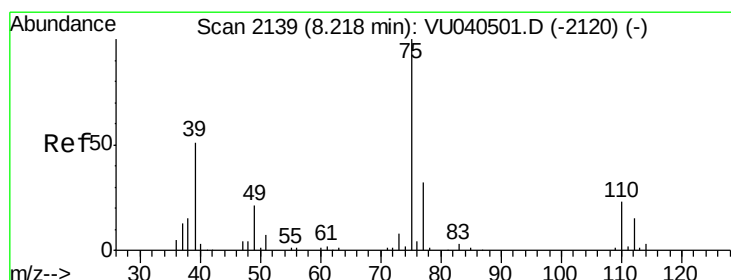
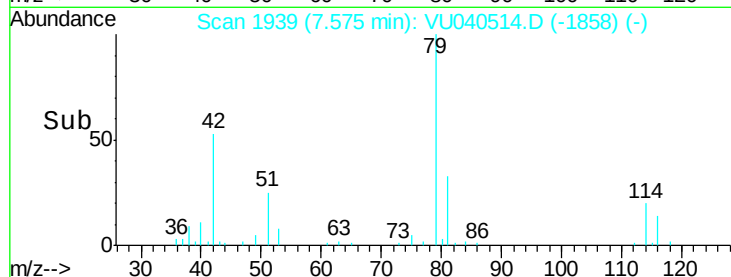
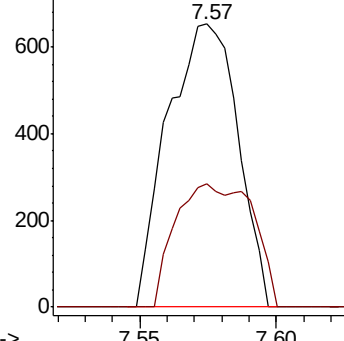
75 100

77 43.6 23.5 43.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040514.D

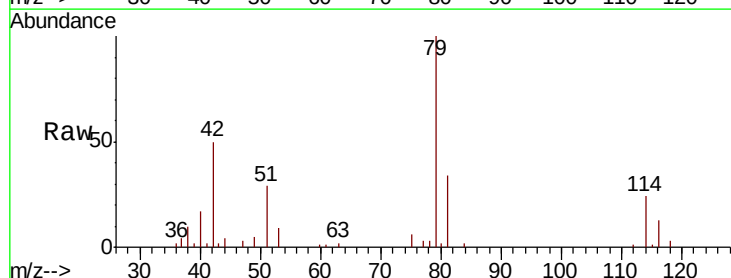
Acq: 05 Oct 2020 17:04

Tgt Ion: 75 Resp: 776

Ion Ratio Lower Upper

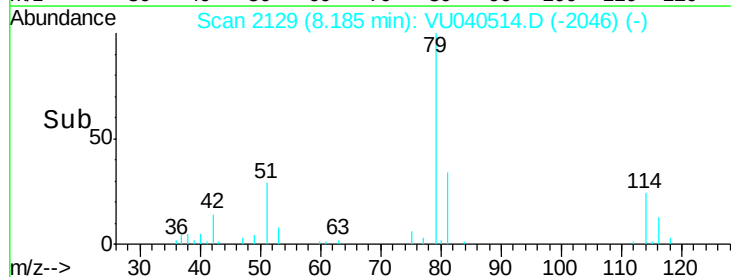
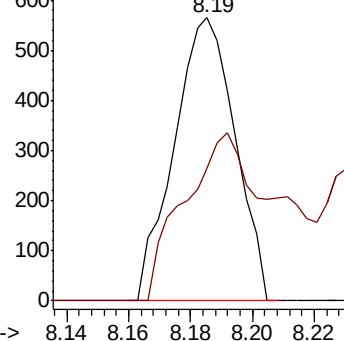
75 100

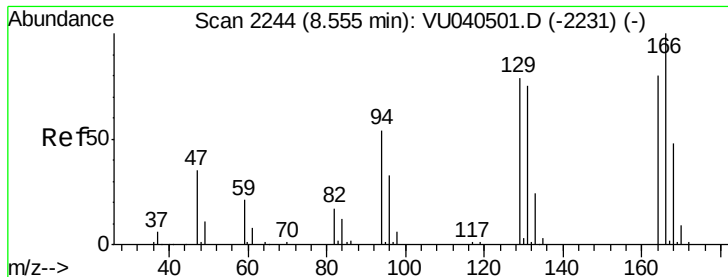
77 46.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 0.067 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040514.D

Acq: 05 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

VIBLK22

Tot Ion:164 Resp: 498

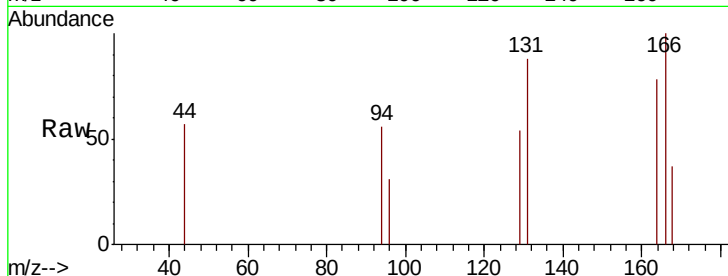
Ion Ratio Lower Upper

164 100

129 69.8 70.3 130.7#

131 112.5 69.2 128.6

166 128.3 91.1 169.3

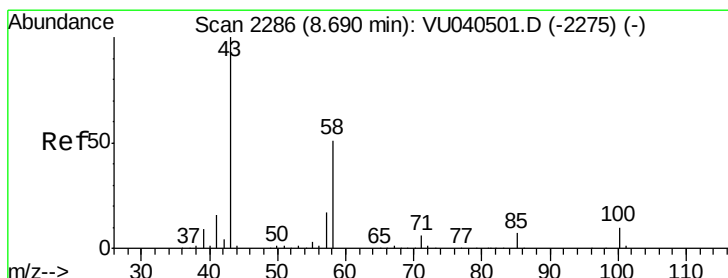
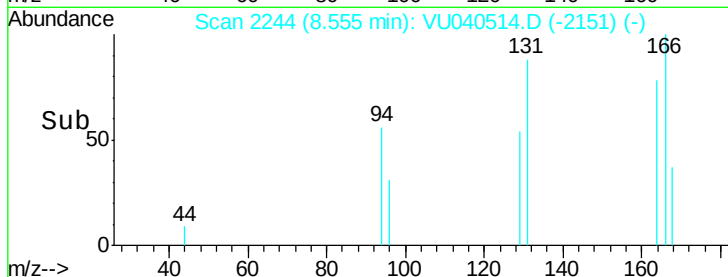
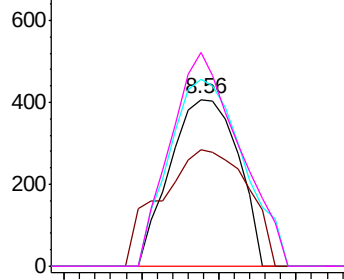


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.912 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040514.D

Acq: 05 Oct 2020 17:04

Tgt Ion: 43 Resp: 12080

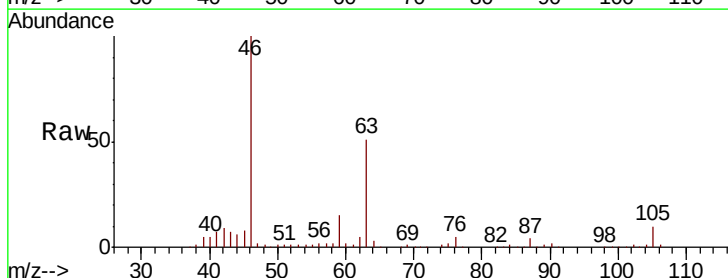
Ion Ratio Lower Upper

43 100

58 33.5 41.0 61.4#

57 33.6 14.6 22.0#

100 1.7 8.2 12.4#

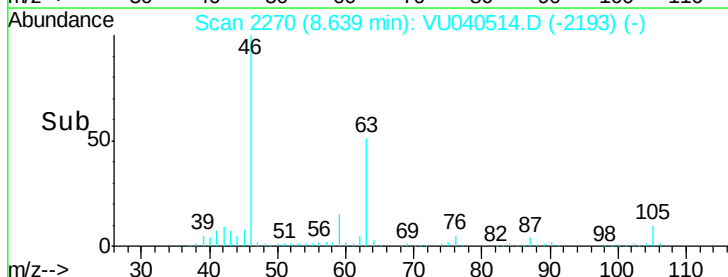
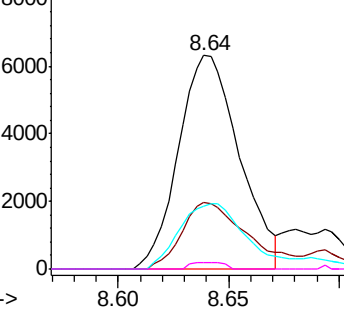


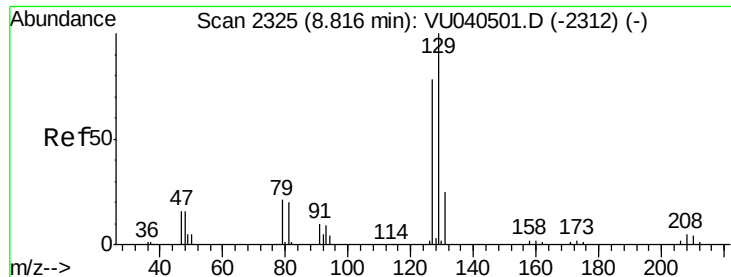
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.050 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU040514.D

Acq: 05 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

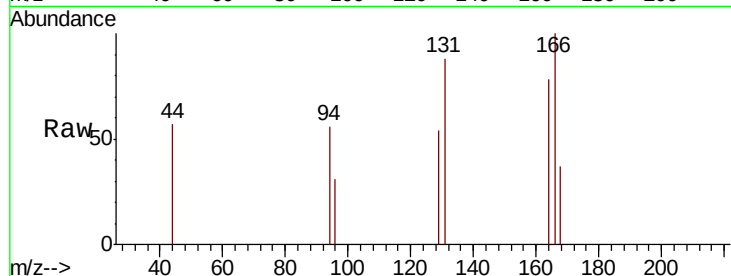
VIBLK22

Tot Ion:129 Resp: 445

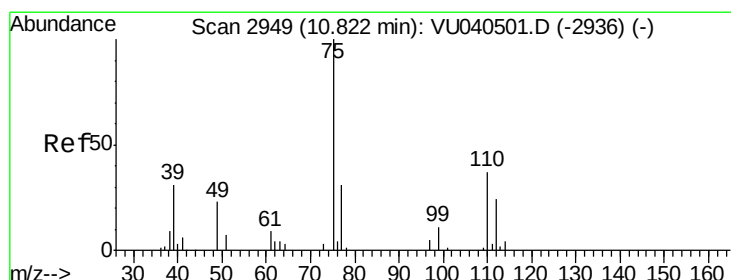
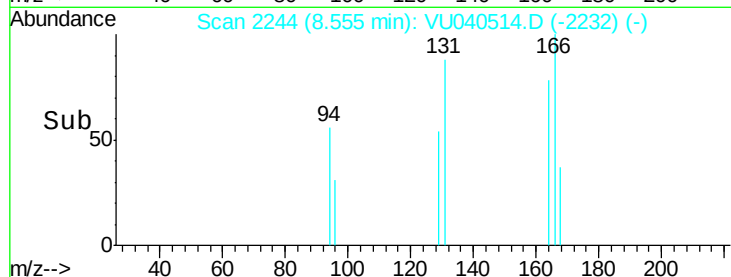
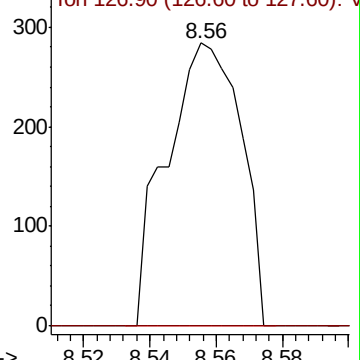
Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V



#59

1,2,3-Trichloropropane

Concen: 0.862 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040514.D

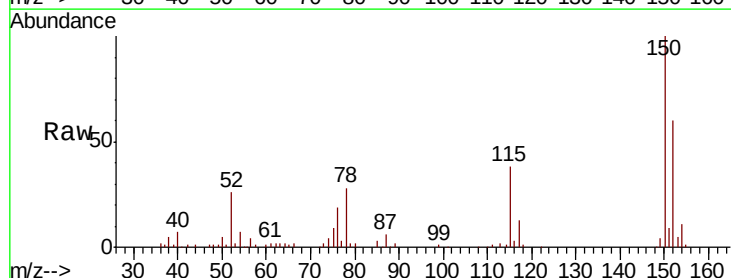
Acq: 05 Oct 2020 17:04

Tgt Ion: 75 Resp: 6844

Ion Ratio Lower Upper

75 100

77 39.8 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

