

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040775.D
 Acq On : 17 Oct 2020 20:50
 Operator : SY/MD
 Sample : L4423-03
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF9

Quant Time: Oct 19 03:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32778	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.92	69	32732	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	53682	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	168993	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.08	84	81713	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	51666	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	142502	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	52556	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	107848	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.19	79	19029	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	113474	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48544	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46481	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

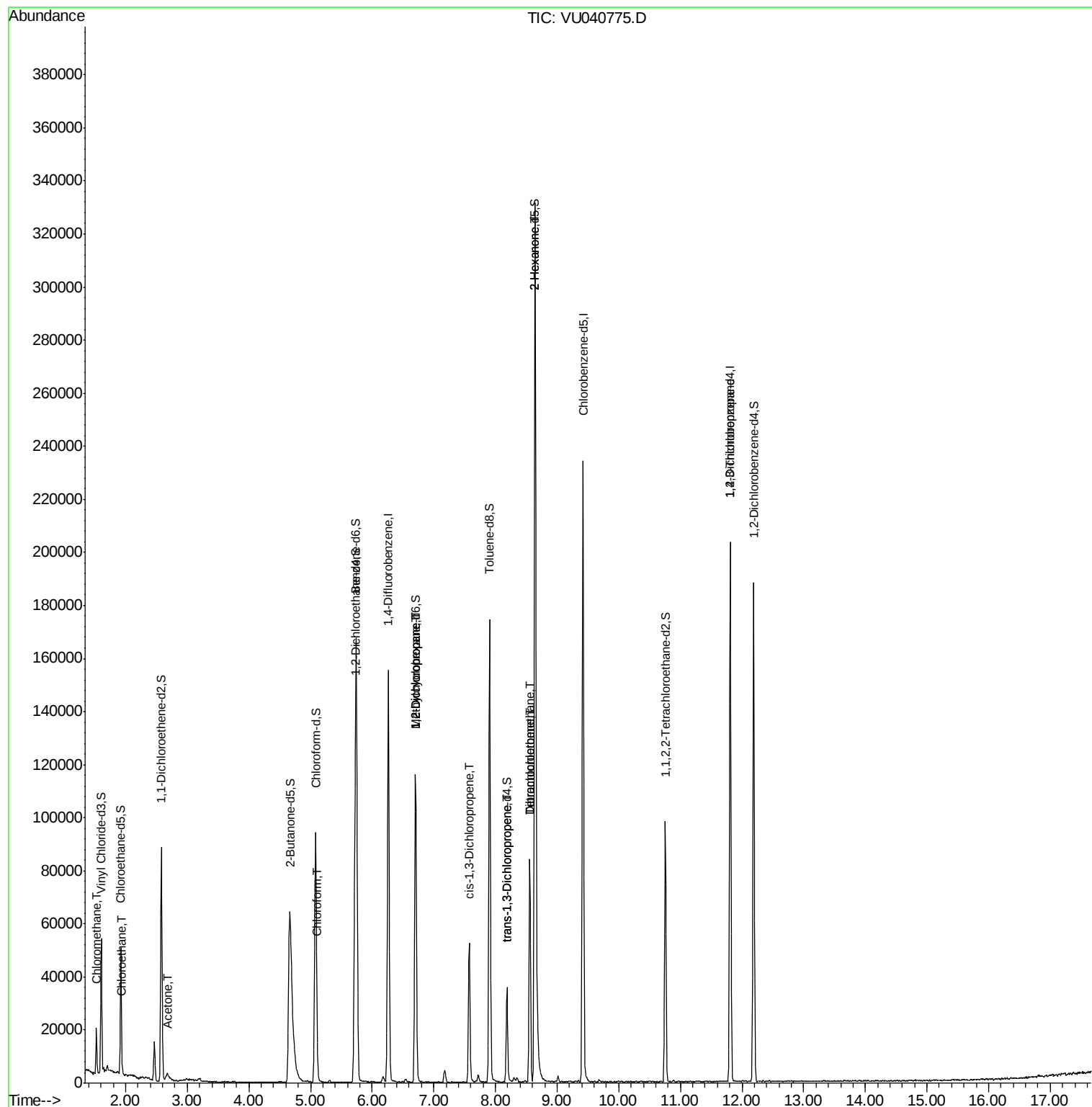
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	11649	1.162	ug/L	96
8) Chloroethane	1.95	64	1008	0.150	ug/L #	62
13) Acetone	2.68	43	6110	2.513	ug/L	89
25) Chloroform	5.11	83	2857	0.153	ug/L	97
35) Methylcyclohexane	6.70	83	12667	0.863	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5518	0.496	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1311	0.086	ug/L #	65
44) trans-1,3-Dichloropropene	8.18	75	526	0.038	ug/L	85
47) Tetrachloroethene	8.56	164	17608	2.384	ug/L	94
48) 2-Hexanone	8.65	43	16062	2.432	ug/L #	69
49) Dibromochloromethane	8.56	129	17684	1.844	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	6976	0.854	ug/L	96

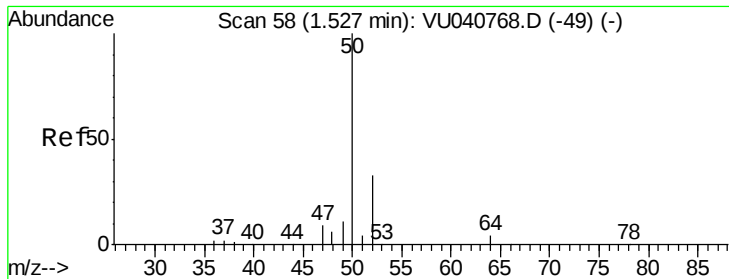
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.162 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040775.D

Acq: 17 Oct 2020 20:50

Instrument :

MSVOA_U

ClientSampleId :

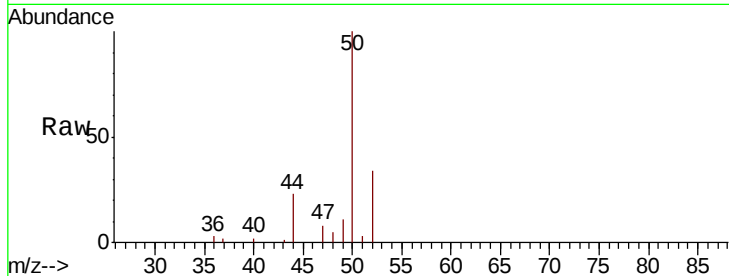
BFSF9

Tot Ion: 50 Resp: 11649

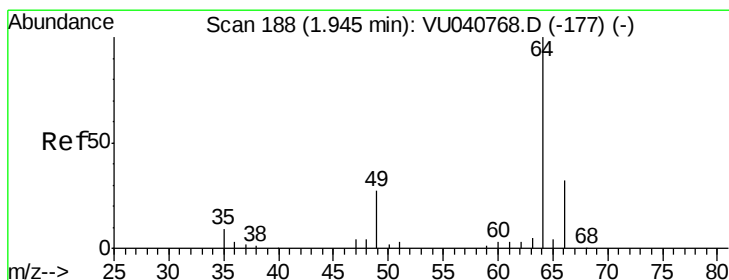
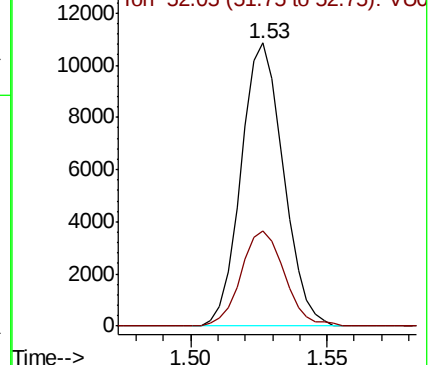
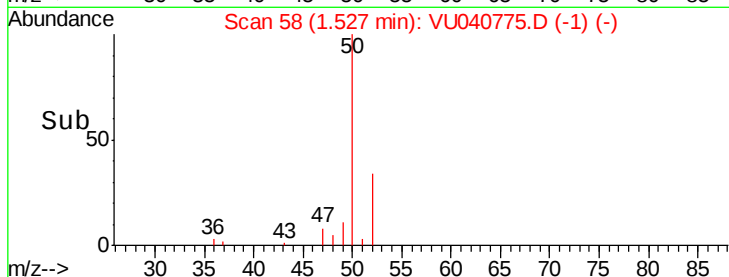
Ion Ratio Lower Upper

50 100

52 33.6 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040775.D (-1) (-)



#8

Chloroethane

Concen: 0.150 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040775.D

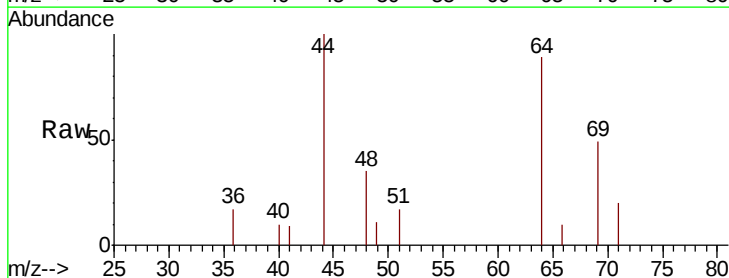
Acq: 17 Oct 2020 20:50

Tgt Ion: 64 Resp: 1008

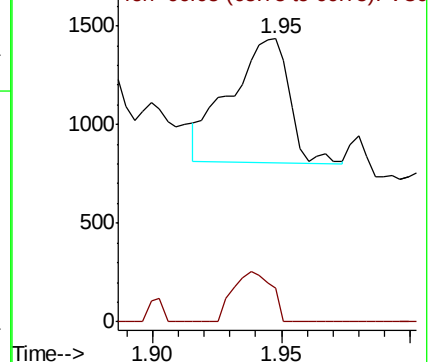
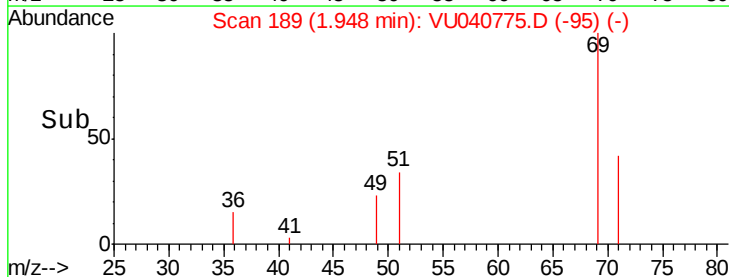
Ion Ratio Lower Upper

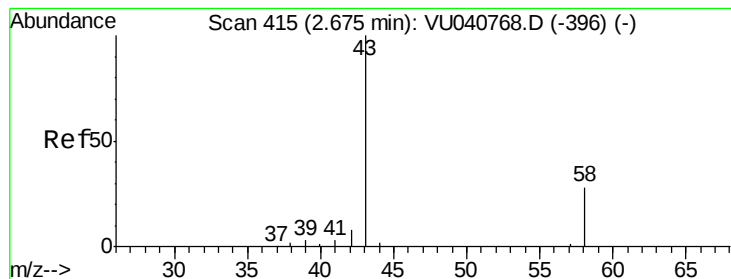
64 100

66 11.7 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040775.D (-95) (-)





#13

Acetone

Concen: 2.513 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU040775.D

Acq: 17 Oct 2020 20:50

Instrument :

MSVOA_U

ClientSampleId :

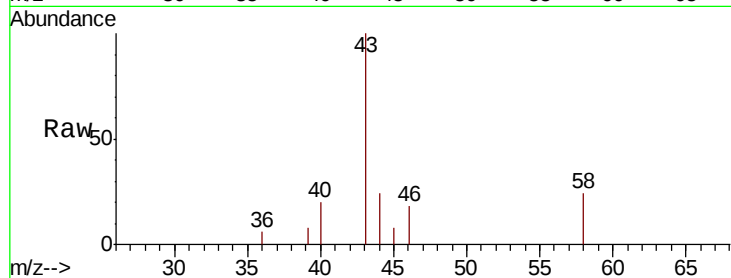
BFSF9

Tot Ion: 43 Resp: 6110

Ion Ratio Lower Upper

43 100

58 24.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040768.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU040768.D (-396) (-)

2.68

1500

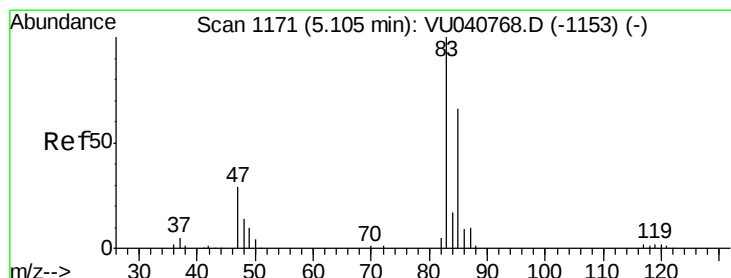
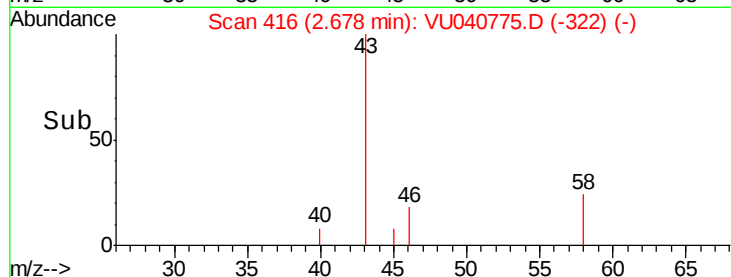
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#25

Chloroform

Concen: 0.153 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040775.D

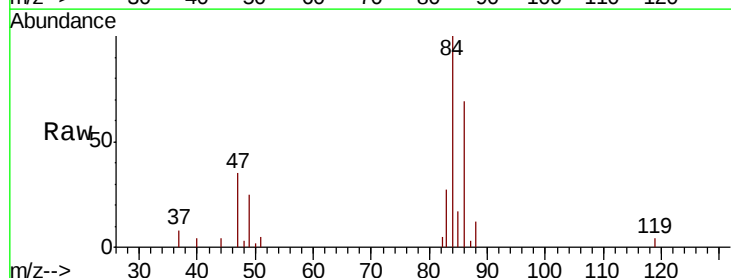
Acq: 17 Oct 2020 20:50

Tgt Ion: 83 Resp: 2857

Ion Ratio Lower Upper

83 100

85 64.0 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040768.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040768.D (-1153) (-)

5.11

1500

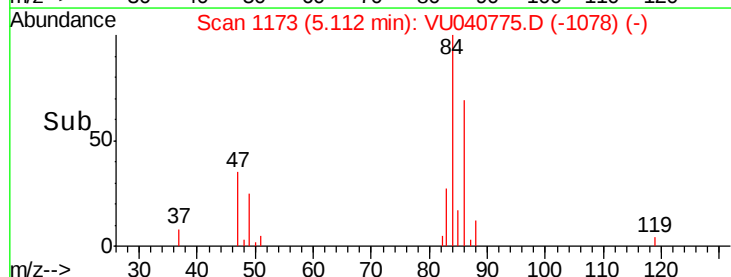
1000

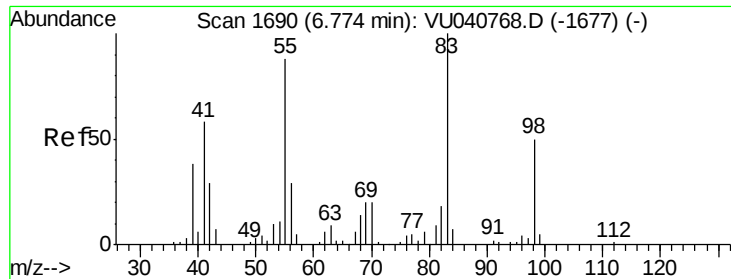
500

0

5.05 5.10 5.15

Time-->

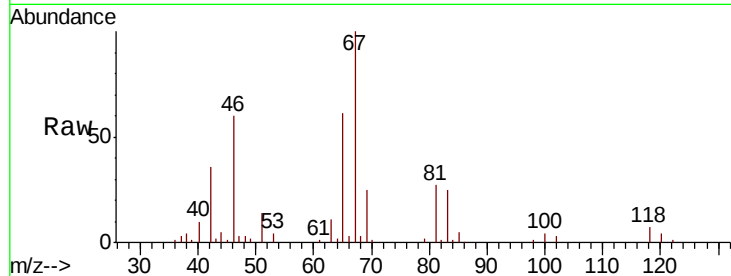




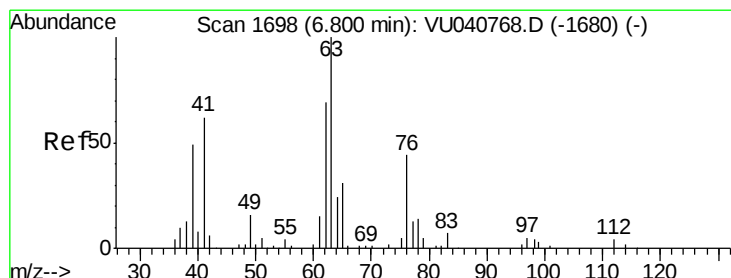
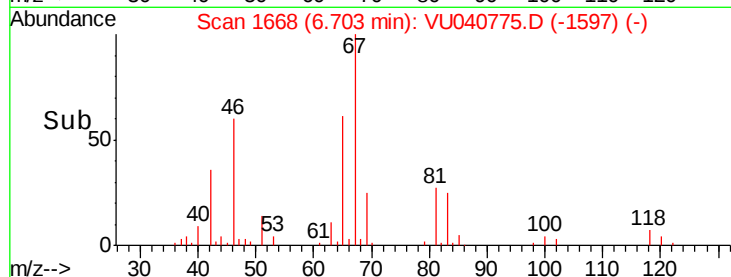
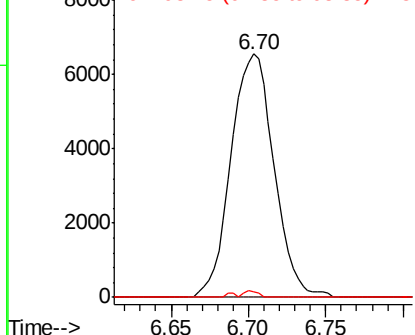
#35
Methvlcvclohexane
Concen: 0.863 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040775.D
Acq: 17 Oct 2020 20:50

Instrument :
MSVOA_U
ClientSampleId :
BFSF9

Tot Ion: 83 Resp: 12667
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.9 38.4 57.6#

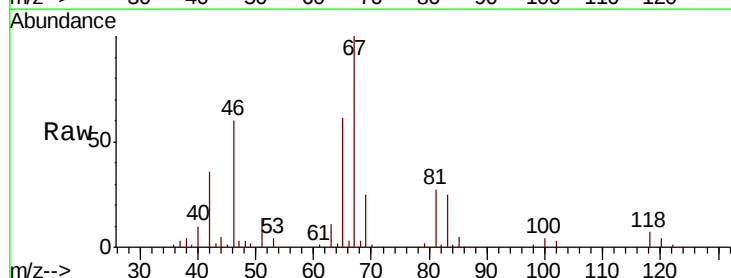


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

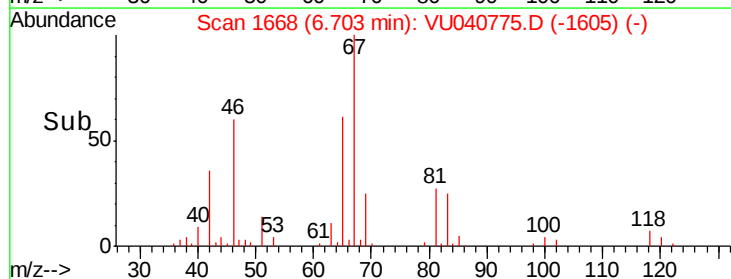
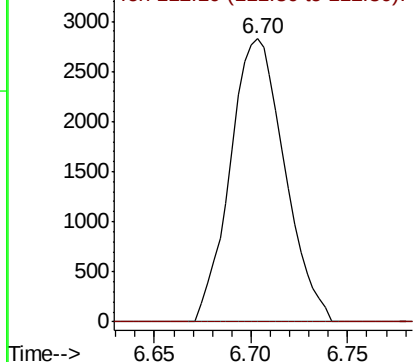


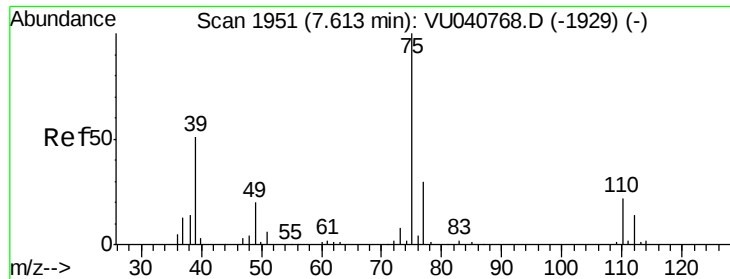
#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040775.D
Acq: 17 Oct 2020 20:50

Tgt Ion: 63 Resp: 5518
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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



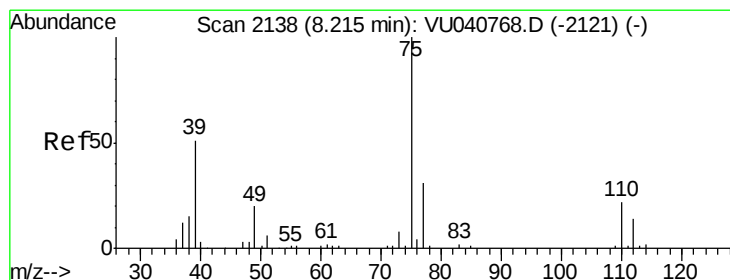
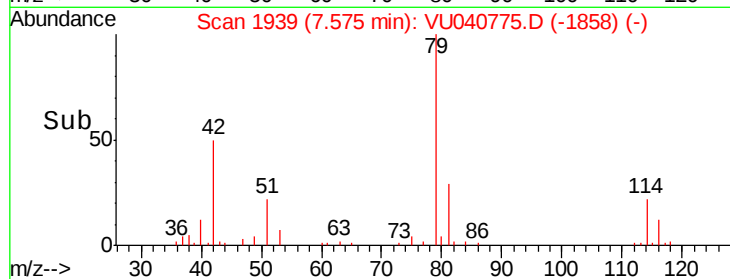
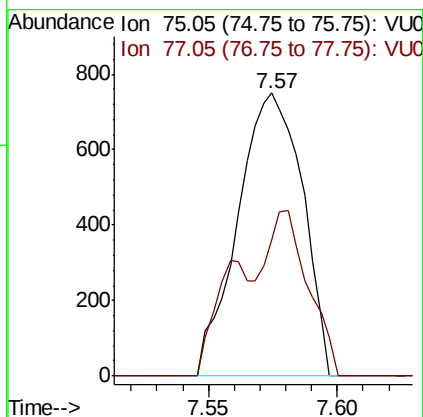
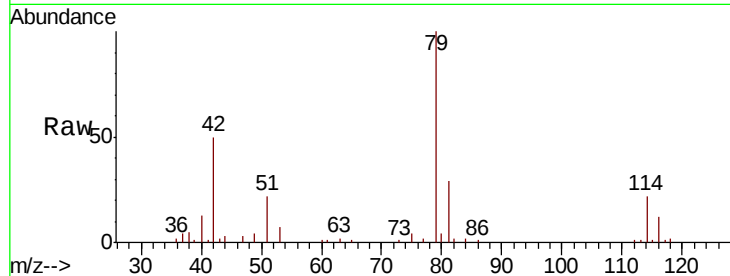


#39

cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040775.D
 Acq: 17 Oct 2020 20:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF9

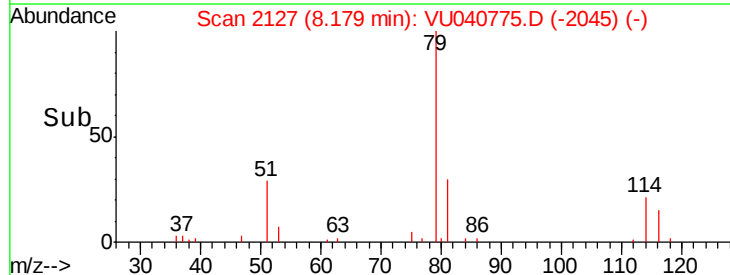
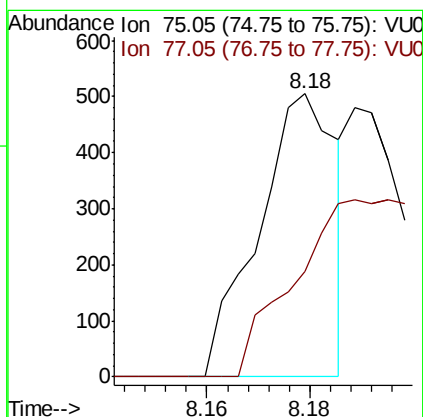
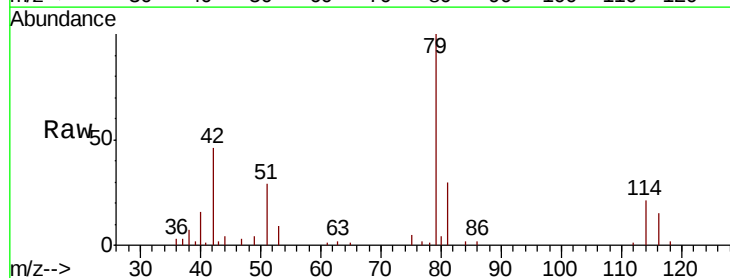
Tot Ion: 75 Resp: 1311
 Ion Ratio Lower Upper
 75 100
 77 47.9 20.5 38.1#

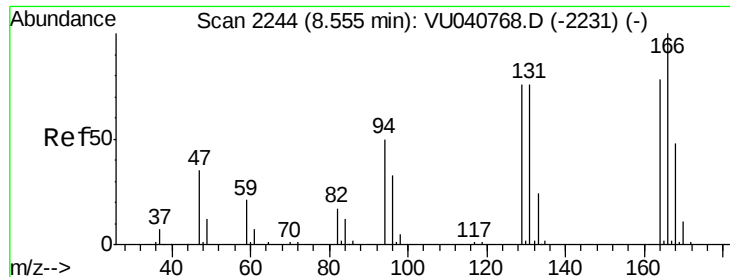


#44

trans-1,3-Dichloropropene
 Concen: 0.038 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU040775.D
 Acq: 17 Oct 2020 20:50

Tgt Ion: 75 Resp: 526
 Ion Ratio Lower Upper
 75 100
 77 37.4 20.4 38.0





#47

Tetrachloroethene

Concen: 2.384 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040775.D

Acq: 17 Oct 2020 20:50

Instrument :

MSVOA_U

ClientSampleId :

BFSF9

Tot Ion:164 Resp: 17608

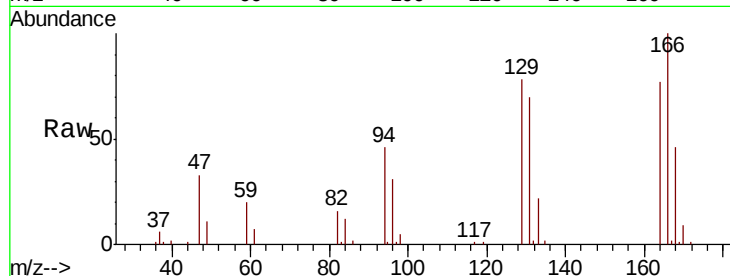
Ion Ratio Lower Upper

164 100

129 101.3 68.8 127.8

131 91.4 66.7 123.9

166 130.0 83.9 155.7

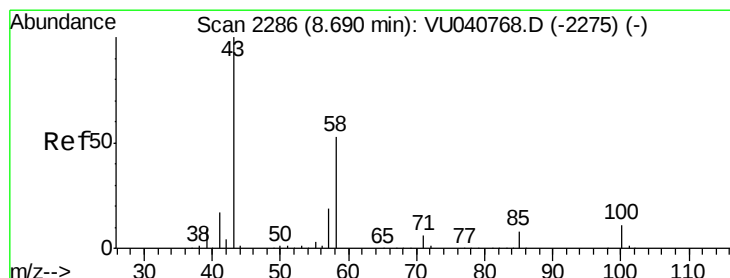
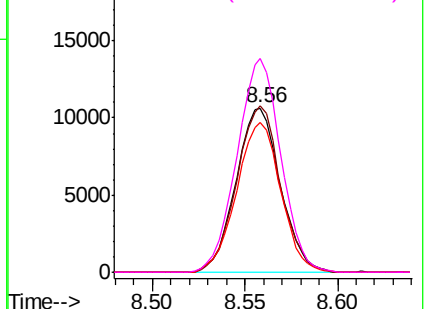
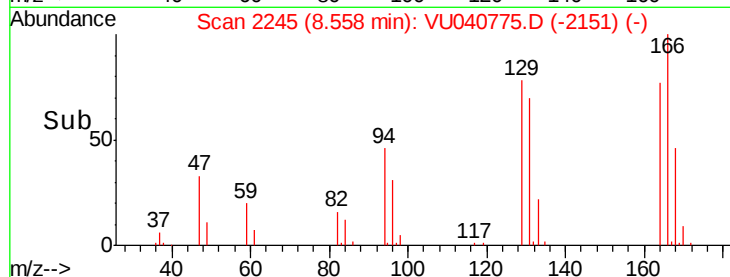


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.432 ug/L

RT: 8.65 min Scan# 2272

Delta R.T. -0.05 min

Lab File: VU040775.D

Acq: 17 Oct 2020 20:50

Tgt Ion: 43 Resp: 16062

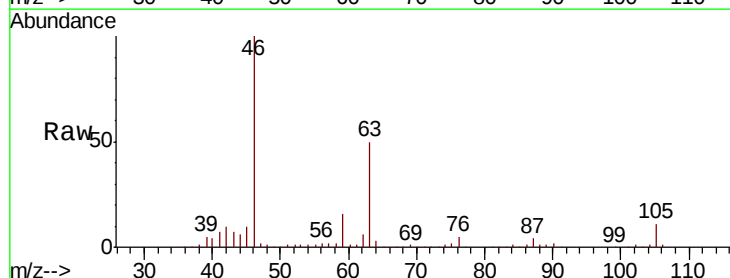
Ion Ratio Lower Upper

43 100

58 31.0 41.0 61.6#

57 35.6 14.4 21.6#

100 0.6 8.6 13.0#

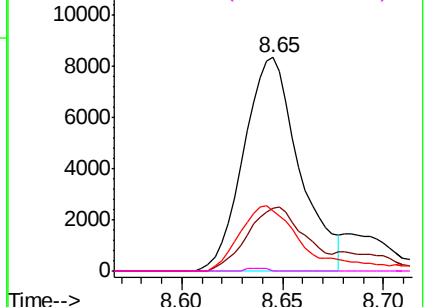
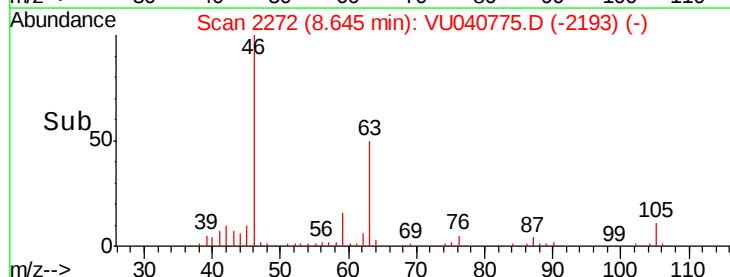


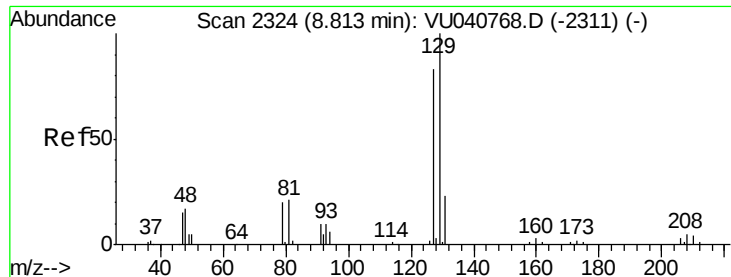
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 1.844 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040775.D

Acq: 17 Oct 2020 20:50

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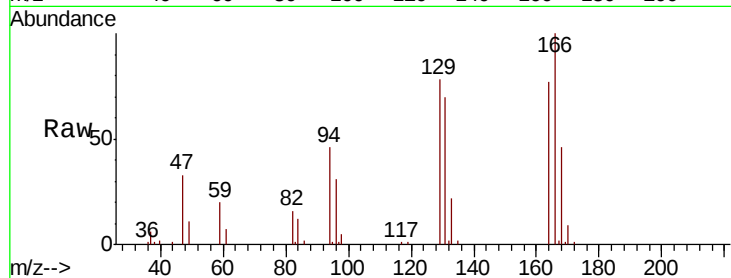
BFSF9

Tot Ion:129 Resp: 17684

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

12000

10000

8000

6000

4000

2000

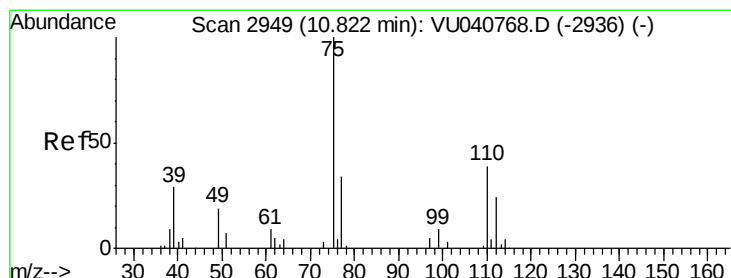
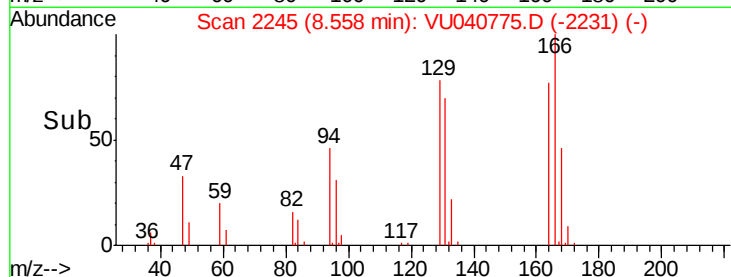
0

8.50

8.55

8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.854 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040775.D

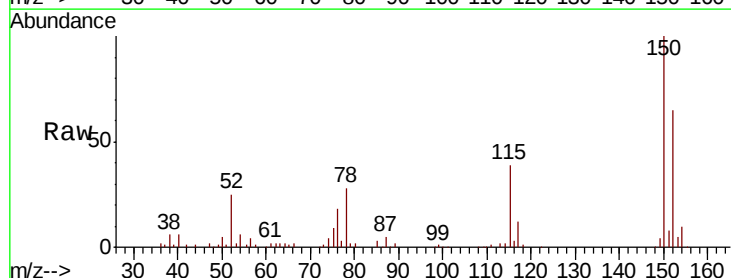
Acq: 17 Oct 2020 20:50

Tgt Ion: 75 Resp: 6976

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

11.75

11.80

11.85

Time-->

