

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040776.D
 Acq On : 17 Oct 2020 21:14
 Operator : SY/MD
 Sample : L4423-04
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFG0

Quant Time: Oct 19 03:10:21 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	118082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33592	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	33442	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	55653	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.66	46	176906	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.08	84	83634	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	54005	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.75	84	145528	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	53766	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	109386	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	19970	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	115950	48.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49259	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48128	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	9368	0.936	ug/L	95
8) Chloroethane	1.94	64	898	0.134	ug/L #	67
13) Acetone	2.68	43	9269	3.819	ug/L	67
25) Chloroform	5.11	83	5318	0.286	ug/L	94
27) 1,2-Dichloroethane	5.75	62	912	0.069	ug/L #	77
33) Benzene	5.74	78	1179	0.030	ug/L	100
34) Trichloroethene	6.27	95	2251	0.221	ug/L #	5
35) Methylcyclohexane	6.70	83	12621	0.875	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6177	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1353	0.091	ug/L #	40
44) trans-1,3-Dichloropropene	8.19	75	1059	0.077	ug/L #	81
47) Tetrachloroethene	8.56	164	3010	0.415	ug/L	93
48) 2-Hexanone	8.64	43	17109	2.635	ug/L #	71
49) Dibromochloromethane	8.56	129	2821	0.299	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	7065	0.879	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

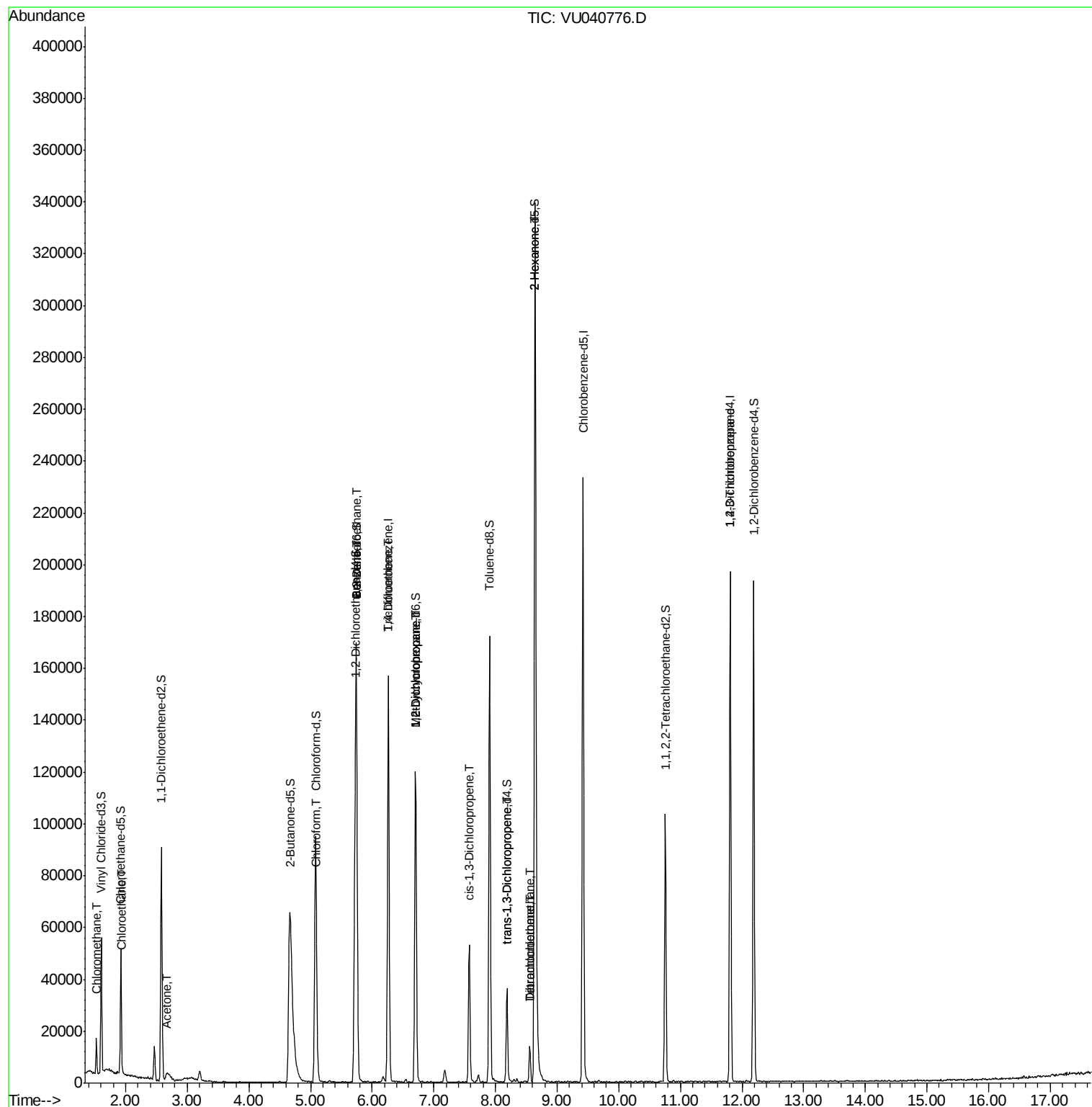
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

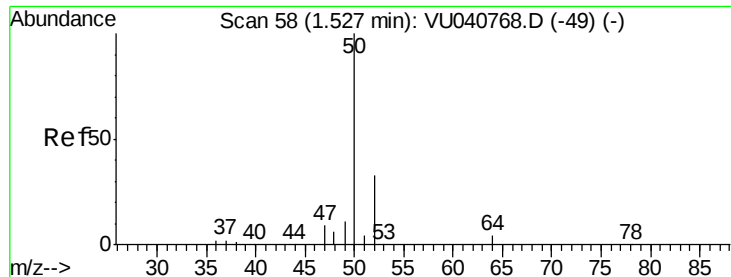
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.936 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

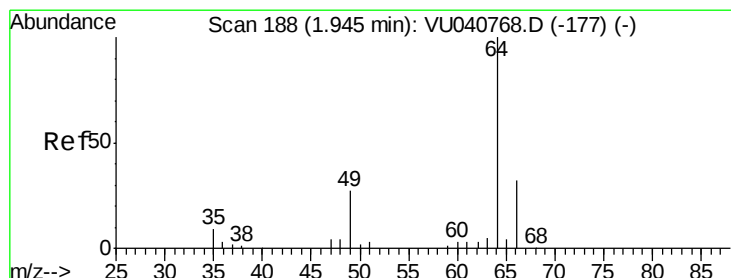
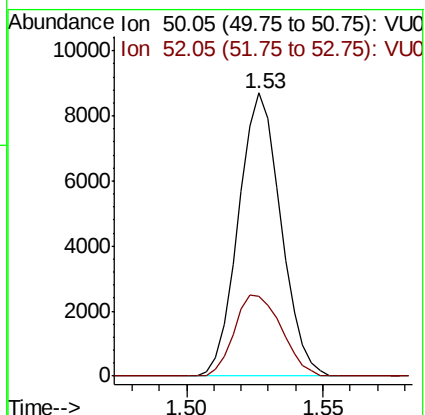
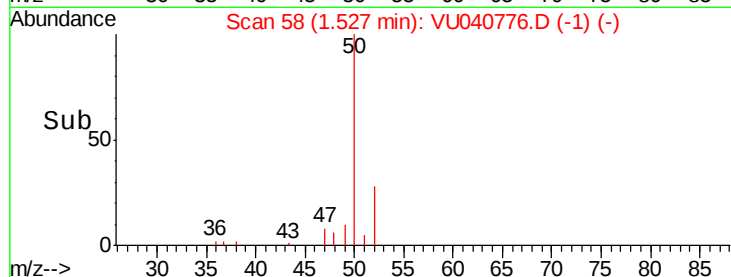
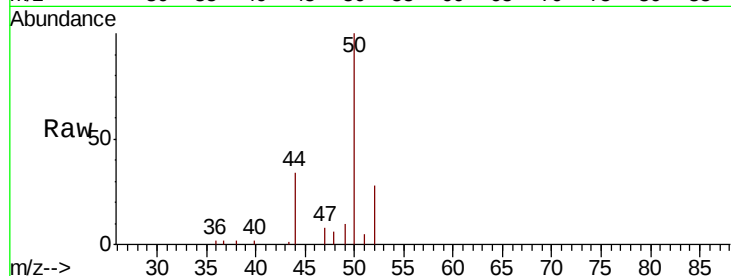
BFSG0

Tot Ion: 50 Resp: 9368

Ion Ratio Lower Upper

50 100

52 28.3 21.9 40.7



#8

Chloroethane

Concen: 0.134 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040776.D

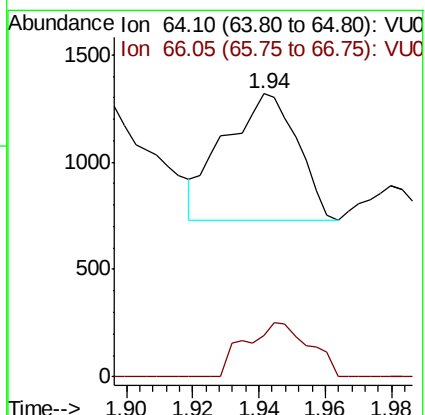
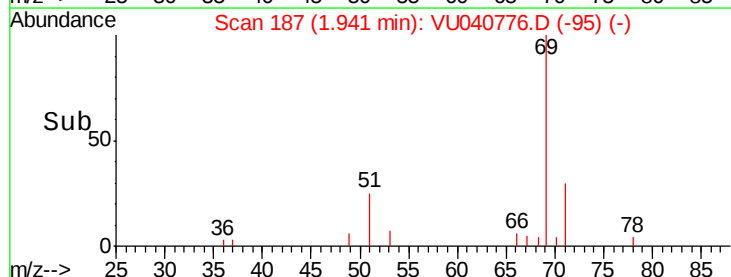
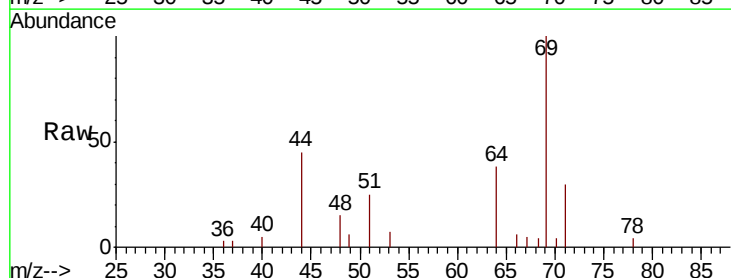
Acq: 17 Oct 2020 21:14

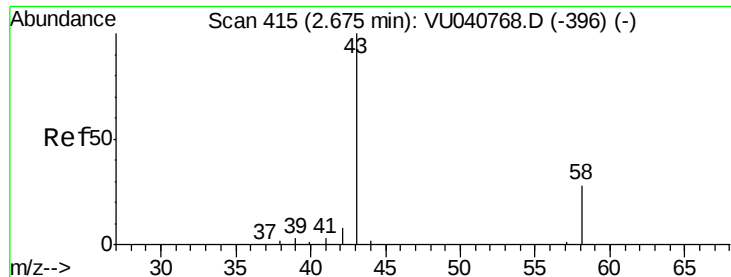
Tgt Ion: 64 Resp: 898

Ion Ratio Lower Upper

64 100

66 14.8 23.3 43.3#





#13

Acetone

Concen: 3.819 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

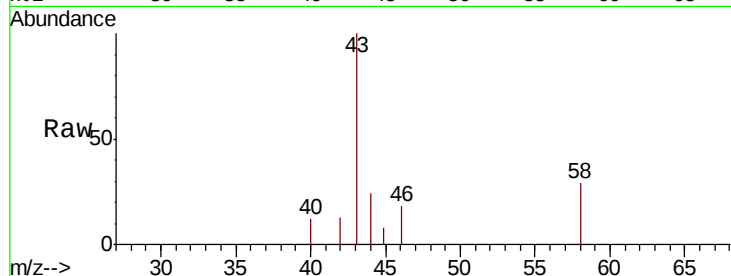
BFSG0

Tot Ion: 43 Resp: 9269

Ion Ratio Lower Upper

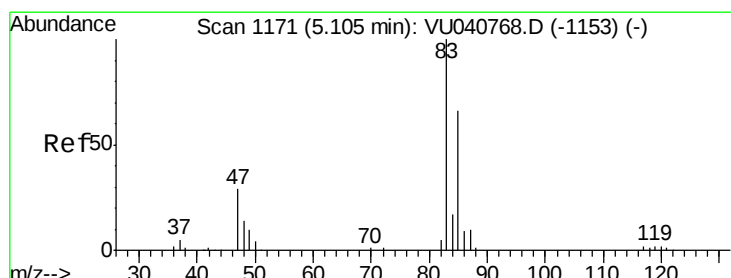
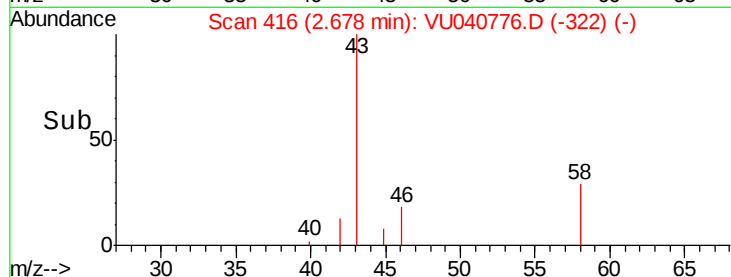
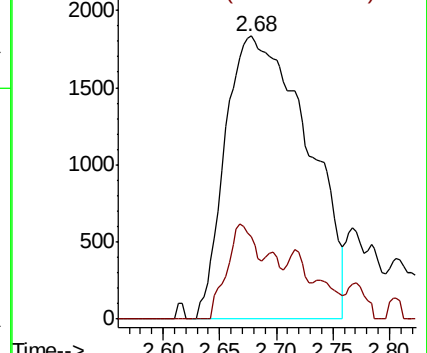
43 100

58 12.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040776.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU040776.D (-322) (-)



#25

Chloroform

Concen: 0.286 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040776.D

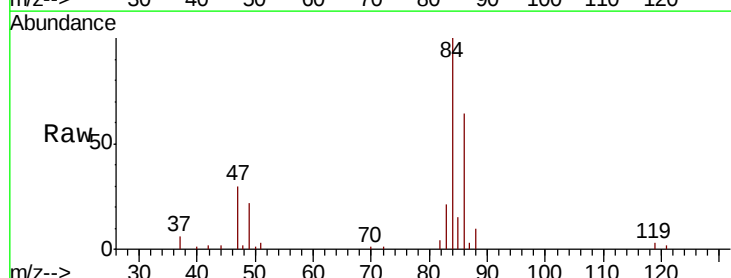
Acq: 17 Oct 2020 21:14

Tgt Ion: 83 Resp: 5318

Ion Ratio Lower Upper

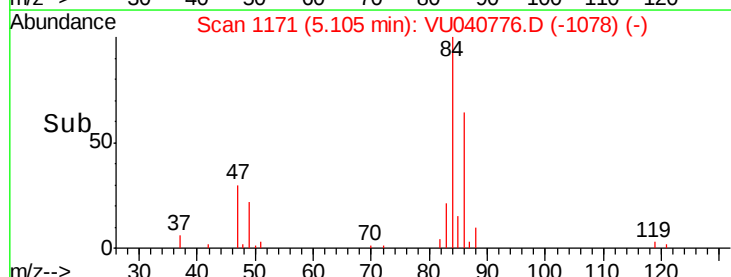
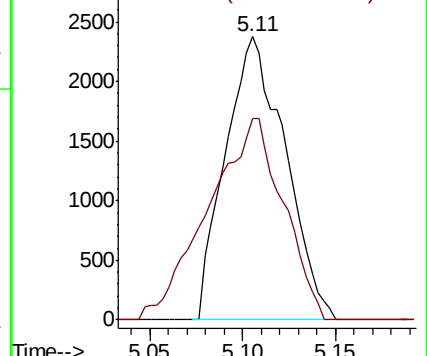
83 100

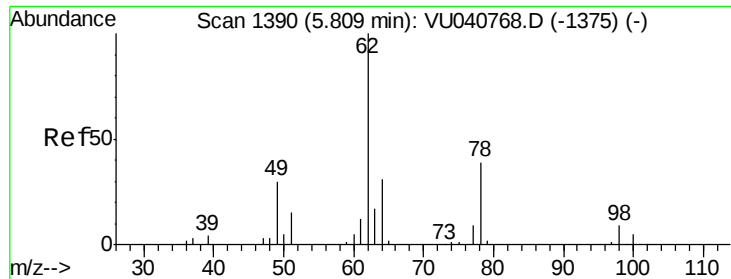
85 71.2 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040776.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040776.D (-1078) (-)

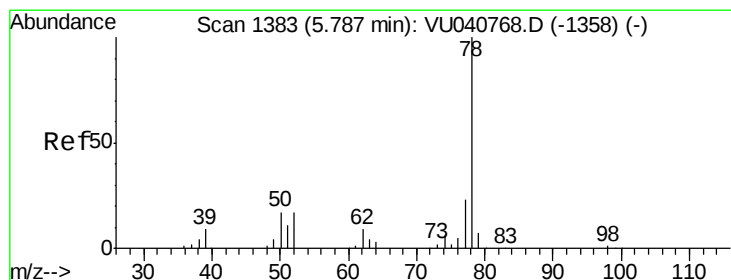
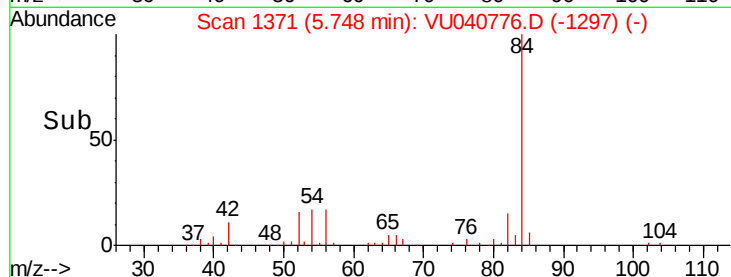
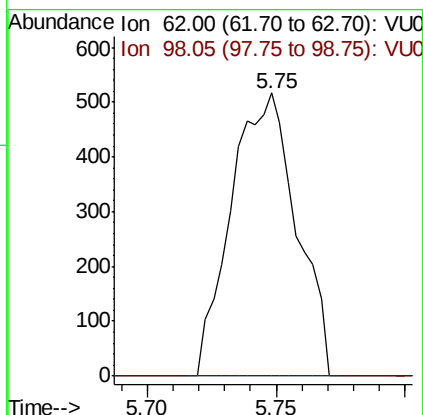
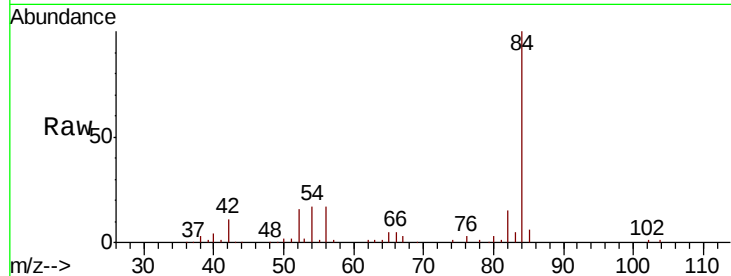




#27
 1,2-Dichloroethane
 Concen: 0.069 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

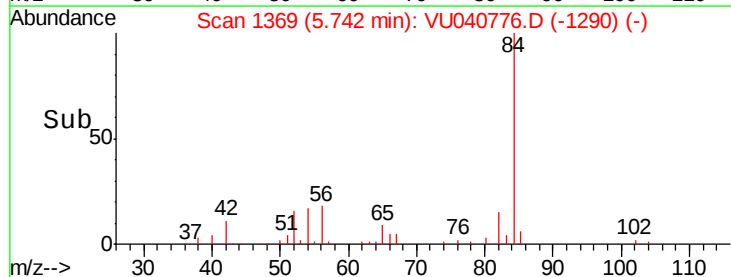
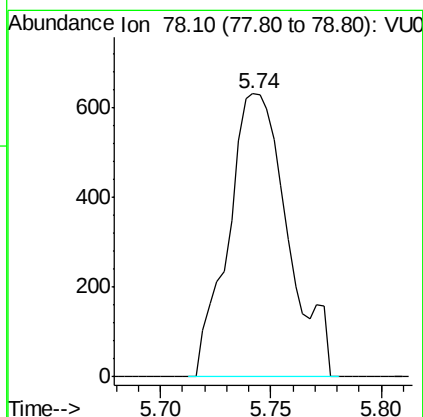
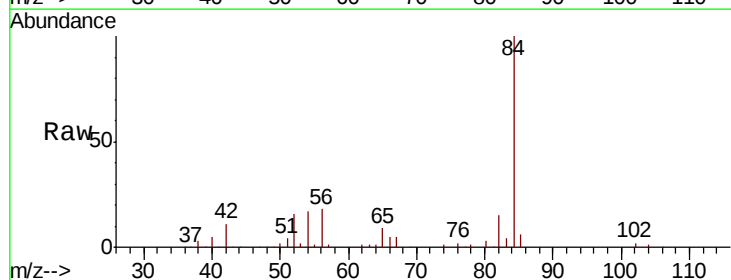
Instrument :
 MSVOA_U
 ClientSampleId :
 BFG0

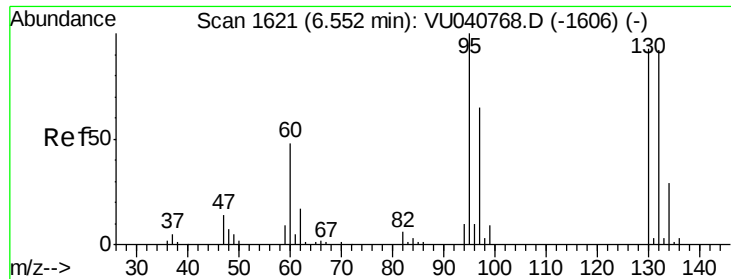
Tot Ion: 62 Resp: 912
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#33
 Benzene
 Concen: 0.030 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

Tgt Ion: 78 Resp: 1179

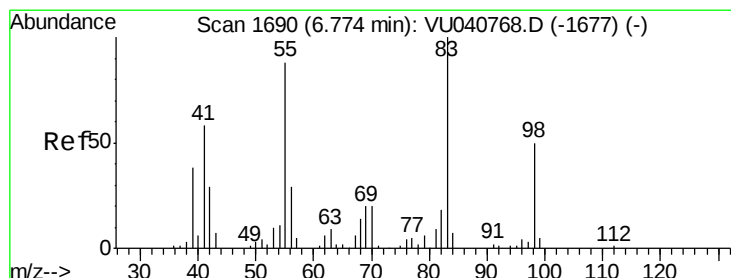
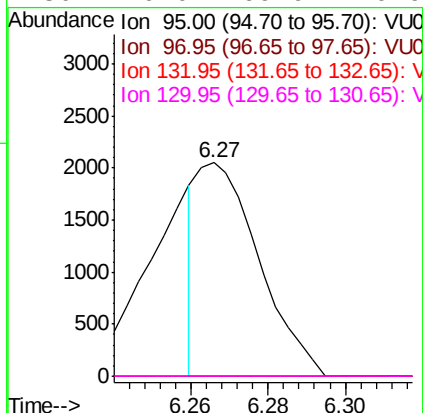
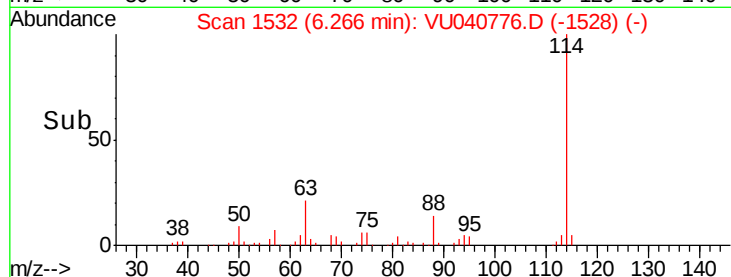
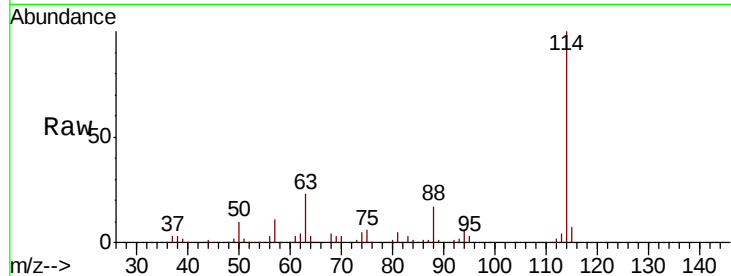




#34
 Trichloroethene
 Concen: 0.221 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

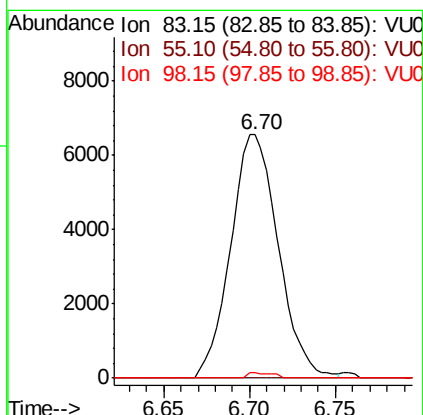
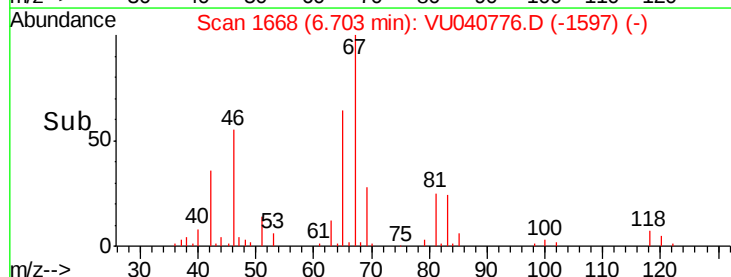
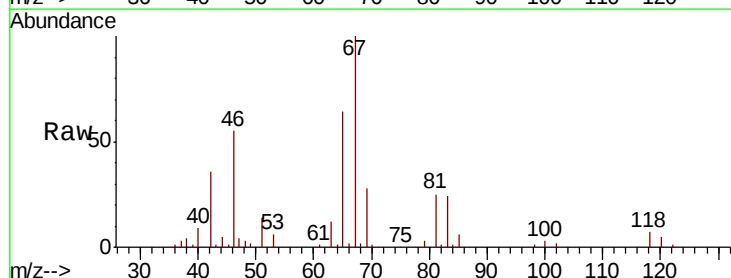
Instrument :
 MSVOA_U
 ClientSampleId :
 BFGS0

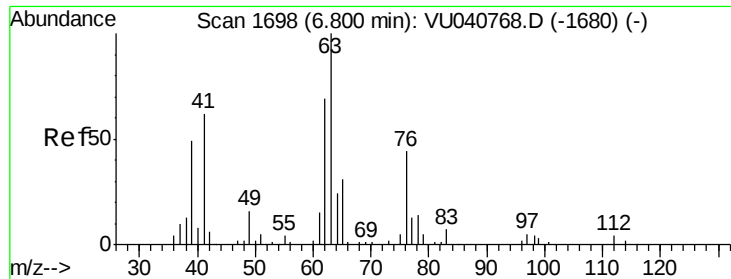
Tot Ion: 95 Resp: 2251
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.5 84.5#
 132 0.0 67.5 125.4#
 130 0.0 69.9 129.9#



#35
 Methylcyclohexane
 Concen: 0.875 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

Tgt Ion: 83 Resp: 12621
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 1.1 38.4 57.6#

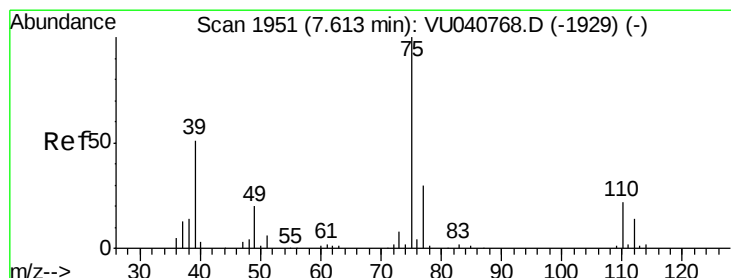
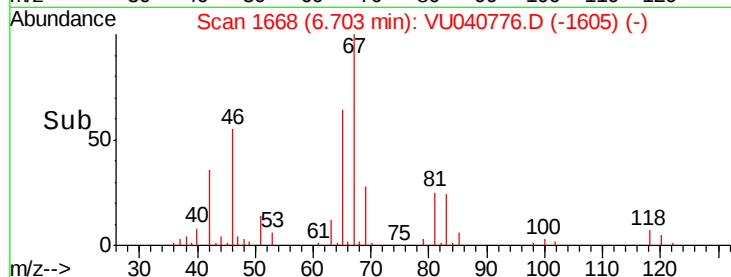
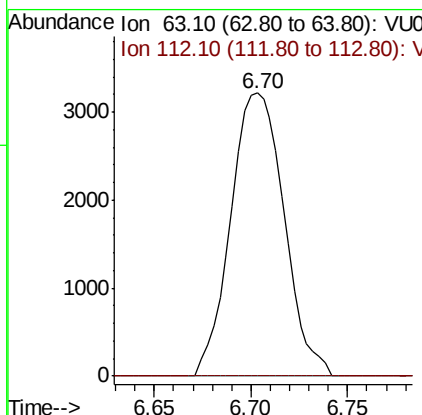
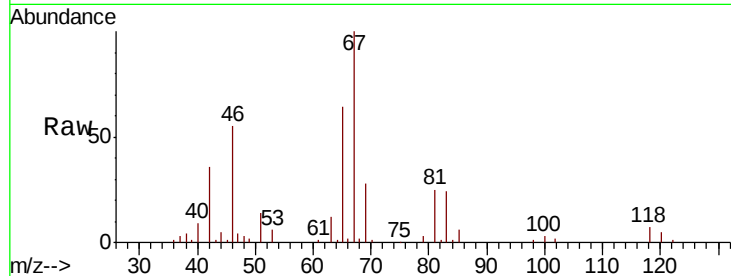




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

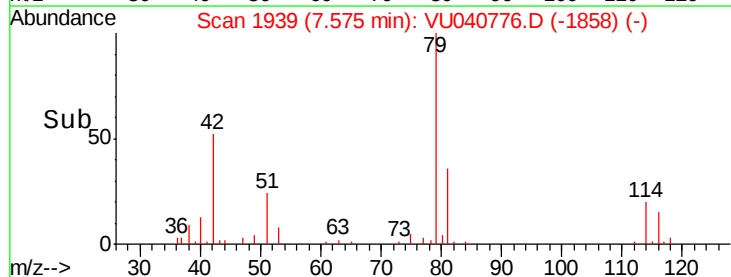
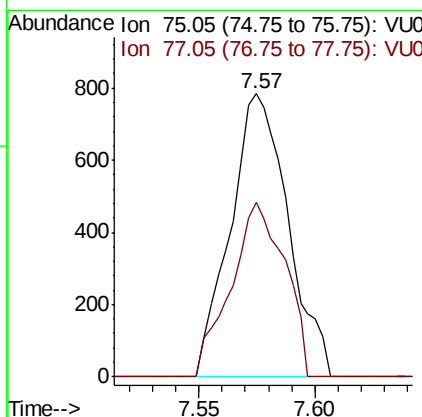
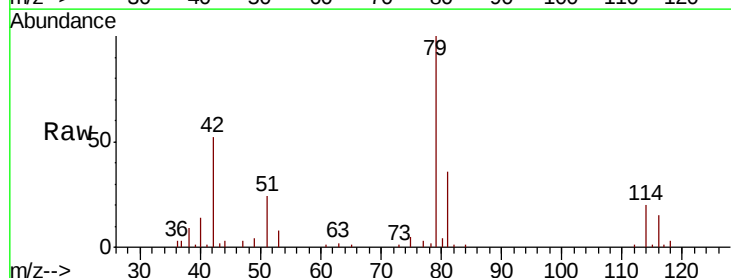
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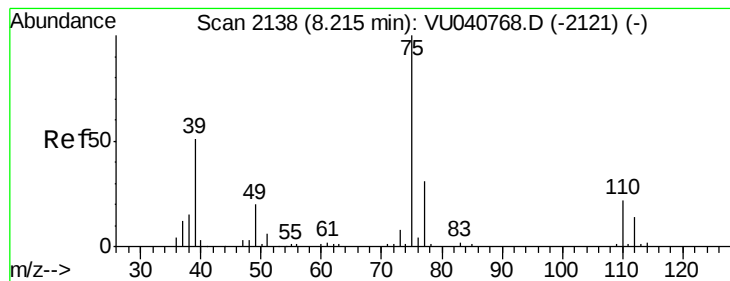
Tot Ion: 63 Resp: 6177
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040776.D
 Acq: 17 Oct 2020 21:14

Tgt Ion: 75 Resp: 1353
 Ion Ratio Lower Upper
 75 100
 77 61.6 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

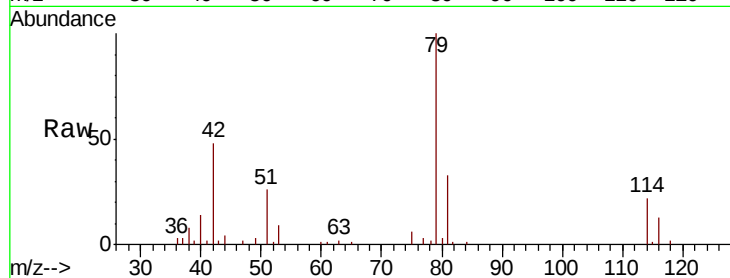
BFSG0

Tot Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 39.4 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

800

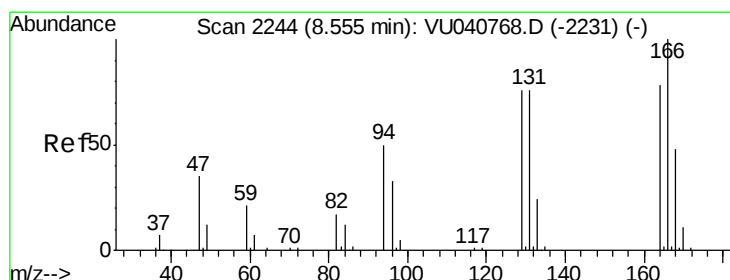
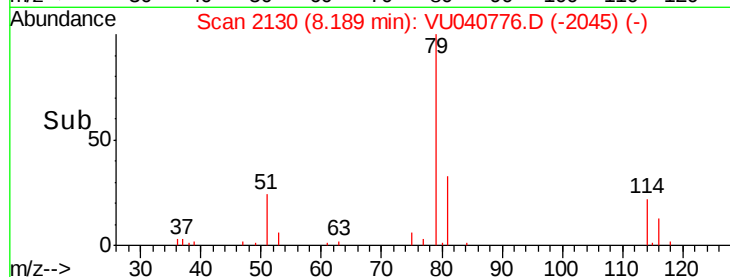
600

400

200

0

Time--> 8.14 8.16 8.18 8.20 8.22



#47

Tetrachloroethene

Concen: 0.415 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Tgt Ion:164 Resp: 3010

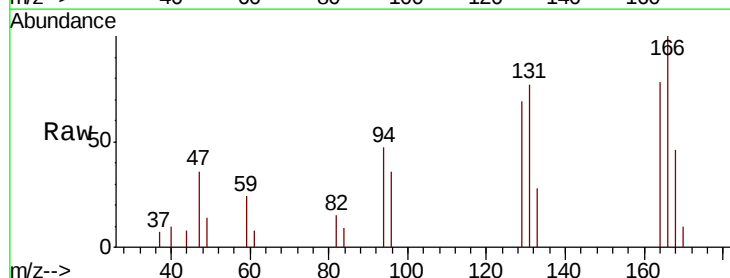
Ion Ratio Lower Upper

164 100

129 89.0 68.8 127.8

131 99.2 66.7 123.9

166 128.9 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

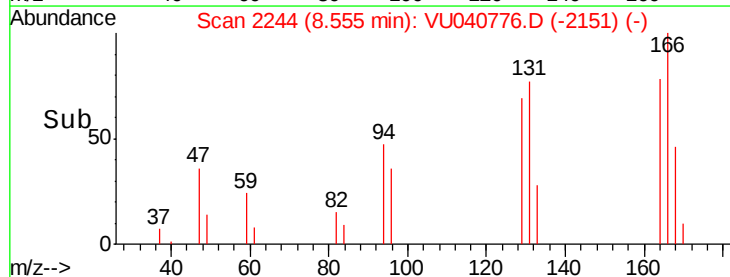
3000

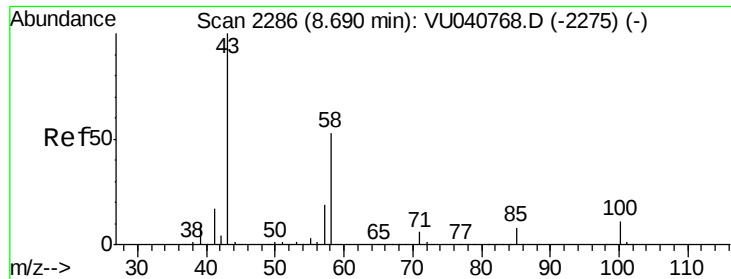
2000

1000

0

Time--> 8.50 8.55 8.60

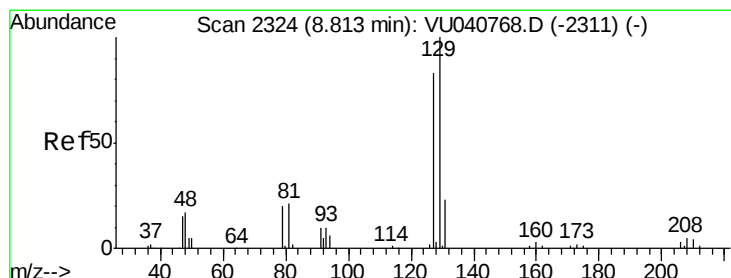
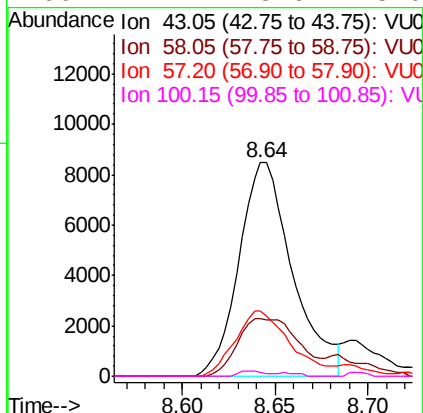
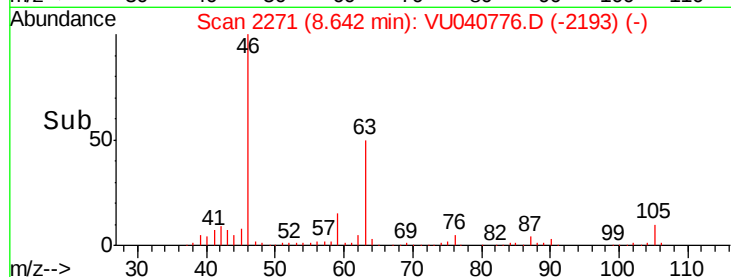
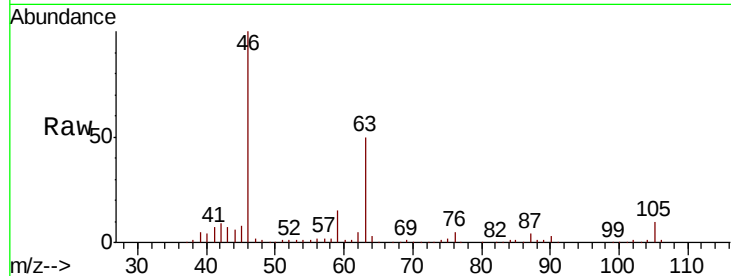




#48
2-Hexanone
Concen: 2.635 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040776.D
Acq: 17 Oct 2020 21:14

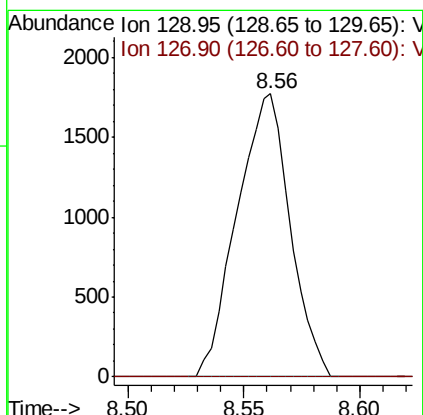
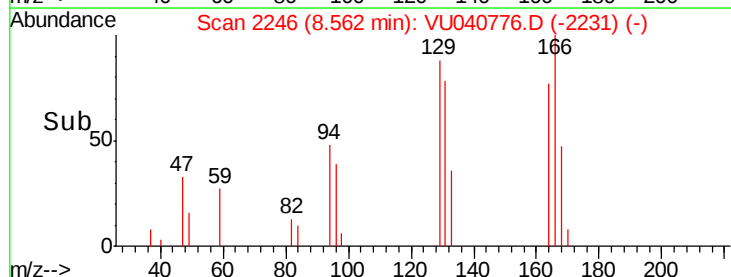
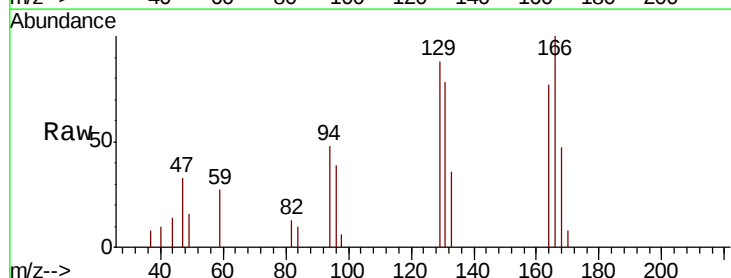
Instrument :
MSVOA_U
ClientSampleId :
BFSG0

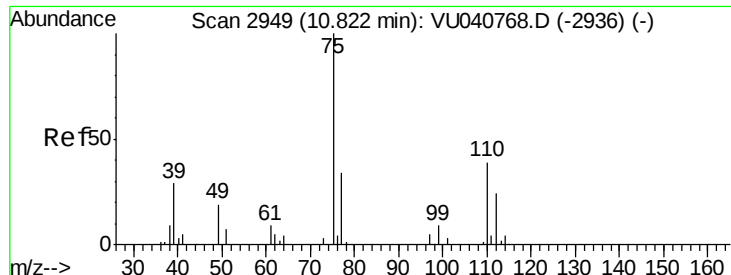
Tot Ion	Ratio	Lower	Upper
43	100		
58	30.5	41.0	61.6#
57	31.2	14.4	21.6#
100	1.2	8.6	13.0#



#49
Dibromochloromethane
Concen: 0.299 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU040776.D
Acq: 17 Oct 2020 21:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#59

1,2,3-Trichloropropane

Concen: 0.879 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040776.D

Acq: 17 Oct 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

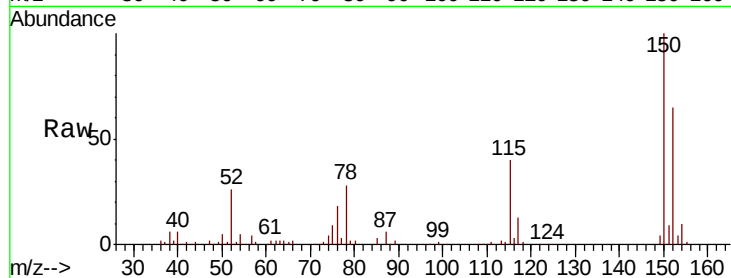
BFSG0

Tot Ion: 75 Resp: 7065

Ion Ratio Lower Upper

75 100

77 34.6 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

