

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040774.D
 Acq On : 17 Oct 2020 20:27
 Operator : SY/MD
 Sample : L4423-02
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF8

Quant Time: Oct 19 03:10:04 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	116389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32341	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.92	69	33195	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	55279	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.66	46	169933	55.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.12%
24) Chloroform-d	5.08	84	82739	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	52619	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	144080	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	51535	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	107213	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.19	79	19297	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	115057	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49092	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47048	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

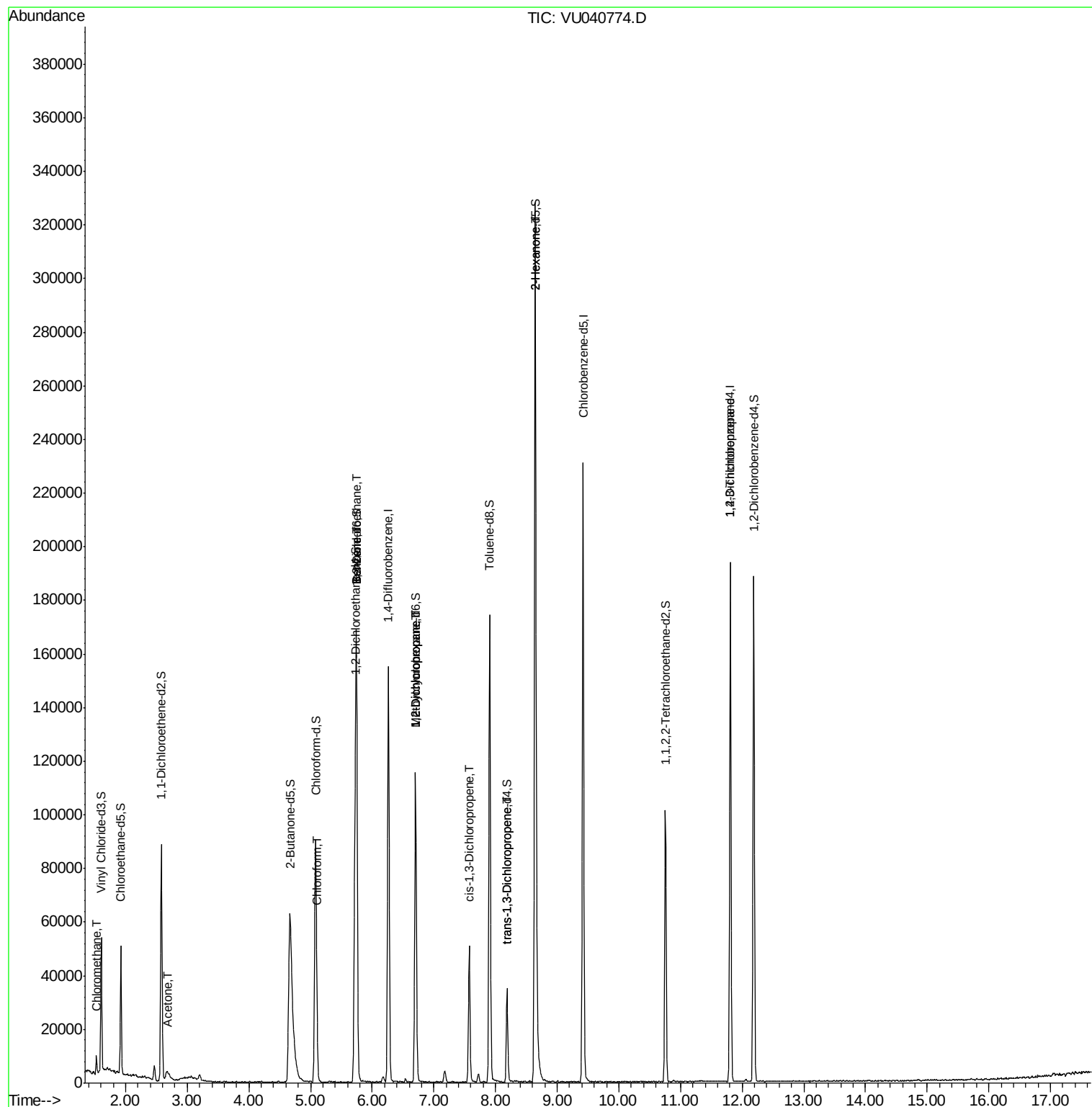
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4795	0.486	ug/L	99
13) Acetone	2.67	43	7725	3.229	ug/L	76
25) Chloroform	5.11	83	2303	0.125	ug/L	89
27) 1,2-Dichloroethane	5.74	62	918	0.071	ug/L #	77
33) Benzene	5.74	78	1116	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	12097	0.850	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6161	0.571	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1518	0.103	ug/L #	46
44) trans-1,3-Dichloropropene	8.19	75	960	0.071	ug/L #	76
48) 2-Hexanone	8.64	43	17376	2.714	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6762	0.853	ug/L	96

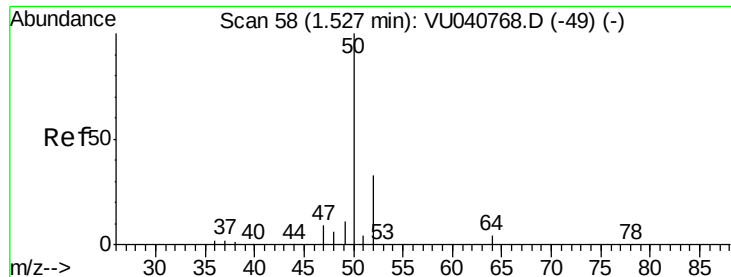
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.486 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

Instrument :

MSVOA_U

ClientSampleId :

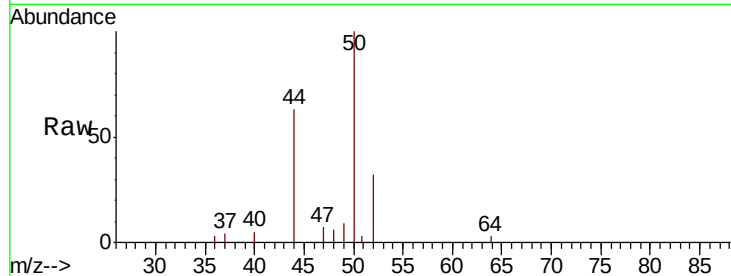
BFSF8

Tot Ion: 50 Resp: 4795

Ion Ratio Lower Upper

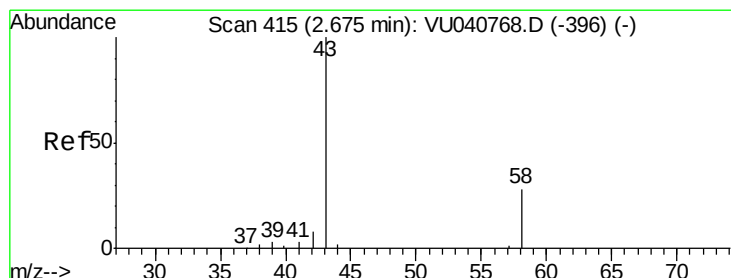
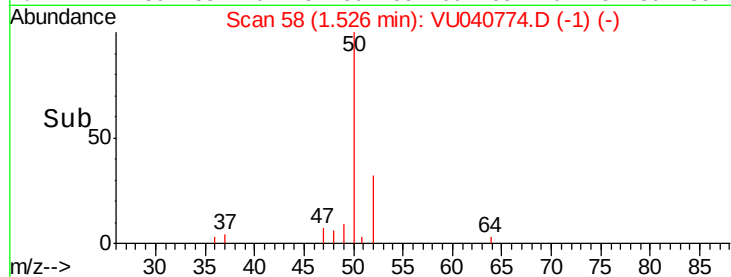
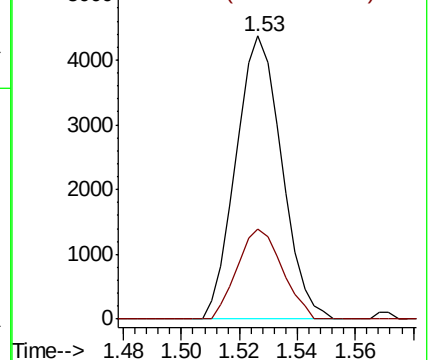
50 100

52 31.9 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040774.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040774.D (-1) (-)



#13

Acetone

Concen: 3.229 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU040774.D

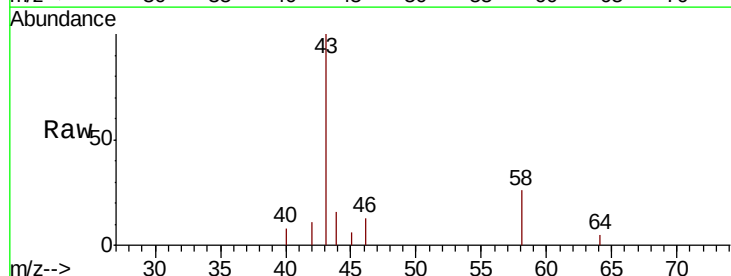
Acq: 17 Oct 2020 20:27

Tgt Ion: 43 Resp: 7725

Ion Ratio Lower Upper

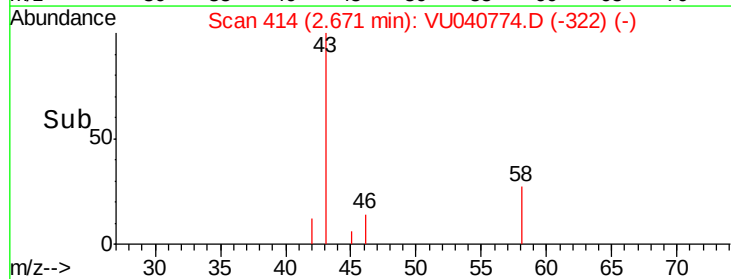
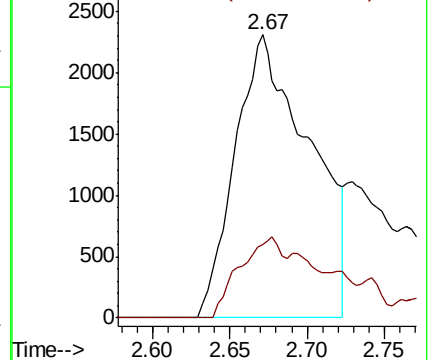
43 100

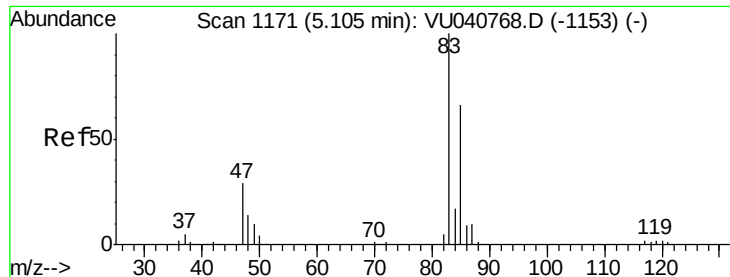
58 17.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040774.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU040774.D (-322) (-)

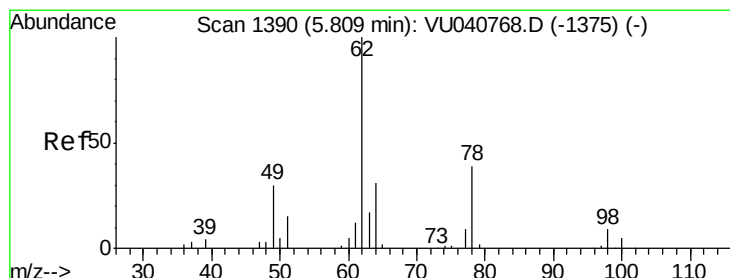
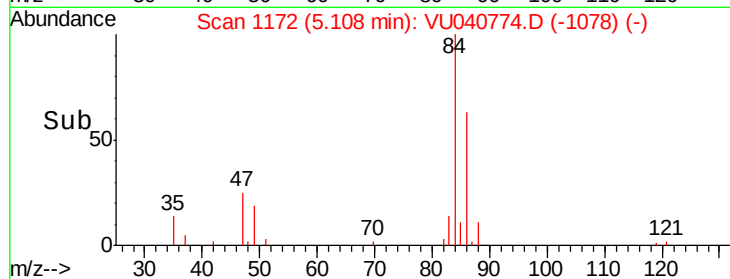
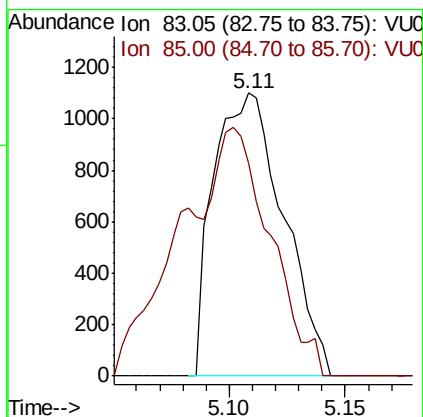
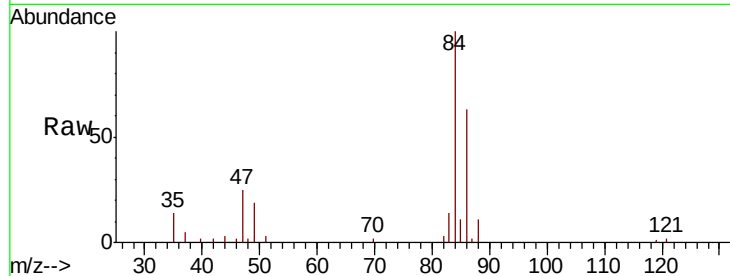




#25
Chloroform
Concen: 0.125 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040774.D
Acq: 17 Oct 2020 20:27

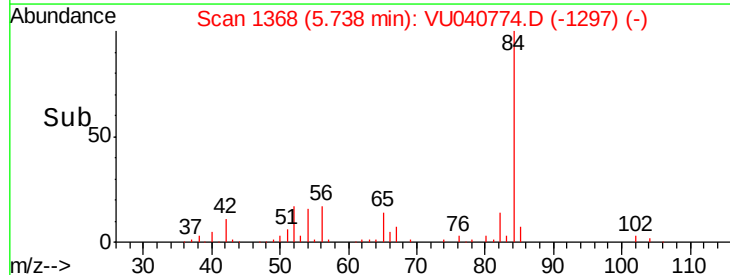
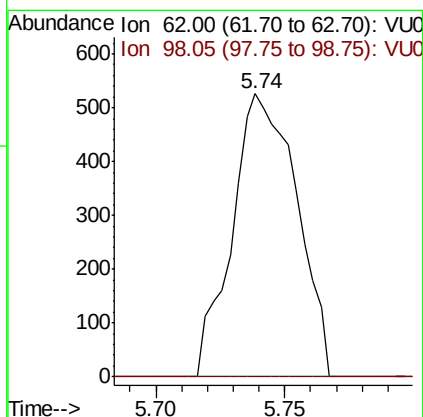
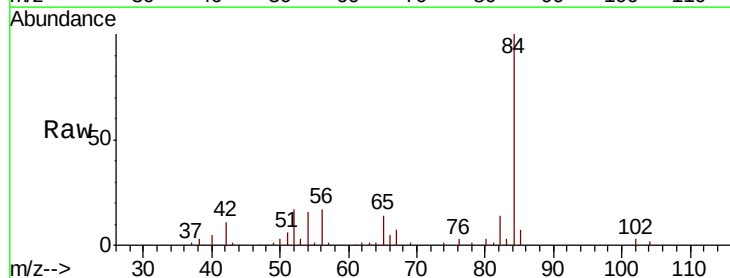
Instrument :
MSVOA_U
ClientSampleId :
BFSF8

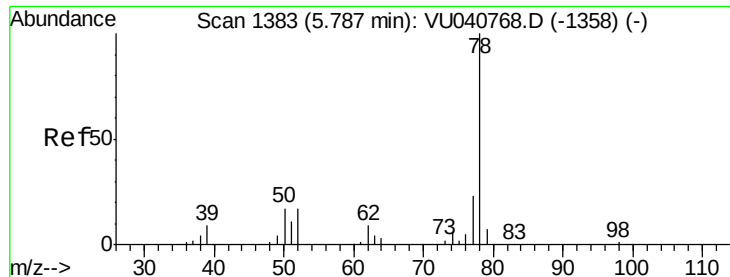
Tot Ion: 83 Resp: 2303
Ion Ratio Lower Upper
83 100
85 75.3 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040774.D
Acq: 17 Oct 2020 20:27

Tgt Ion: 62 Resp: 918
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#33

Benzene

Concen: 0.029 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

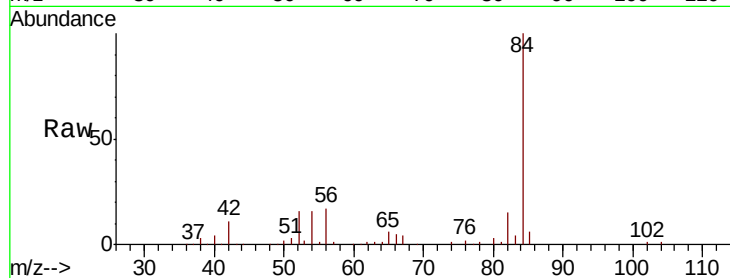
Instrument :

MSVOA_U

ClientSampleId :

BFSF8

Tgt Ion: 78 Resp: 1116



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.74

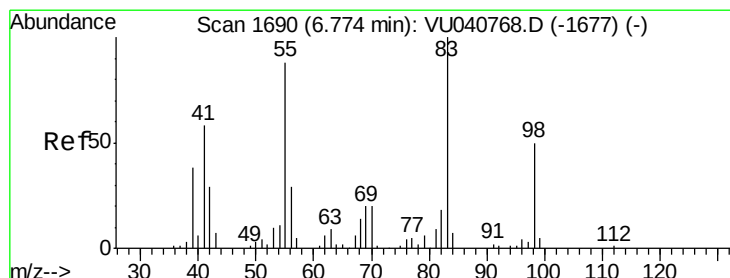
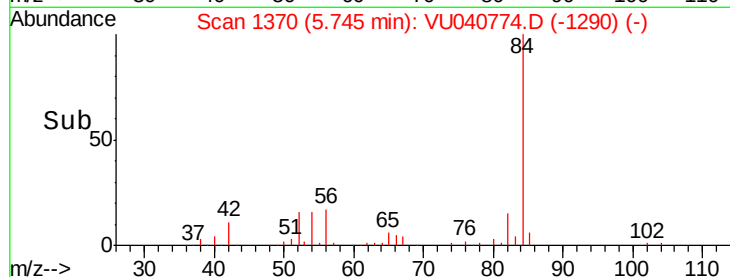
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

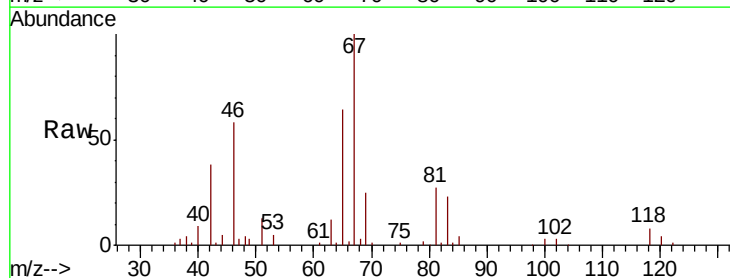
Tgt Ion: 83 Resp: 12097

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

98 0.8 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

6.70

8000

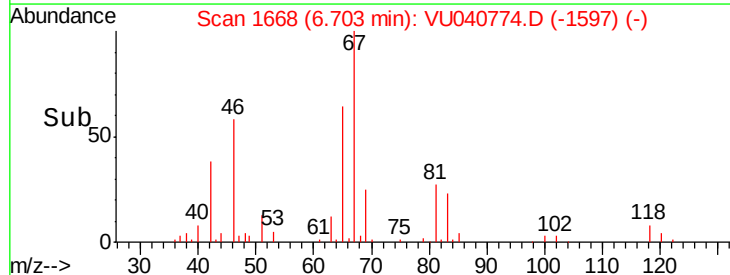
6000

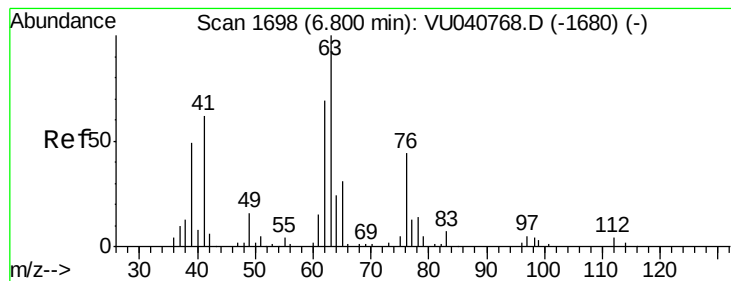
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

Instrument :

MSVOA_U

ClientSampled :

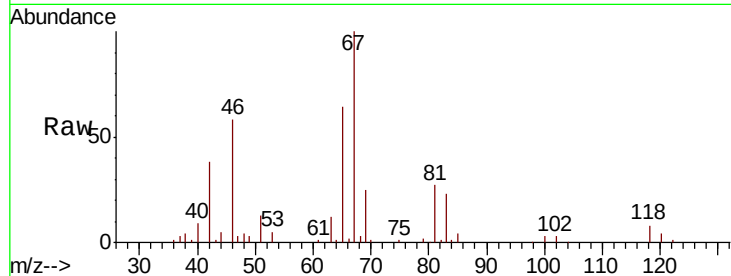
BFSF8

Tot Ion: 63 Resp: 6161

Ion Ratio Lower Upper

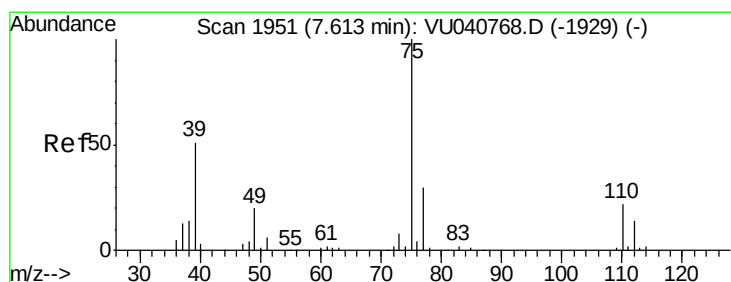
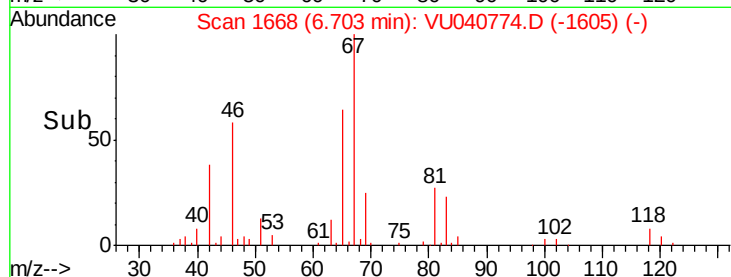
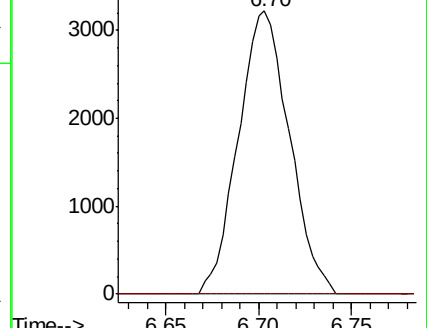
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU040768.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU040768.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040774.D

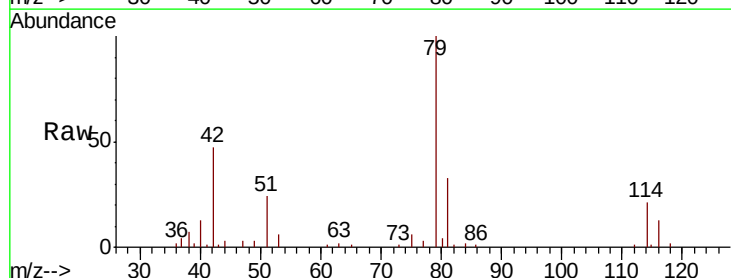
Acq: 17 Oct 2020 20:27

Tgt Ion: 75 Resp: 1518

Ion Ratio Lower Upper

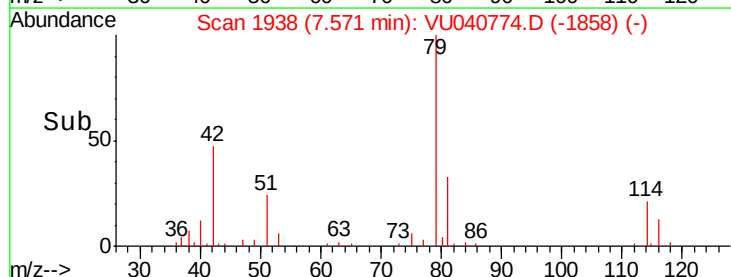
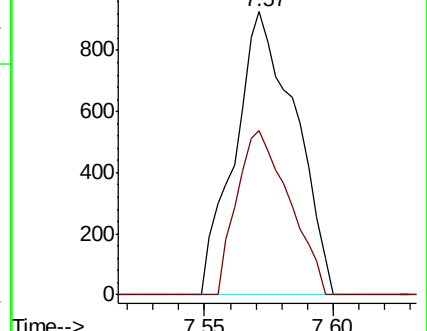
75 100

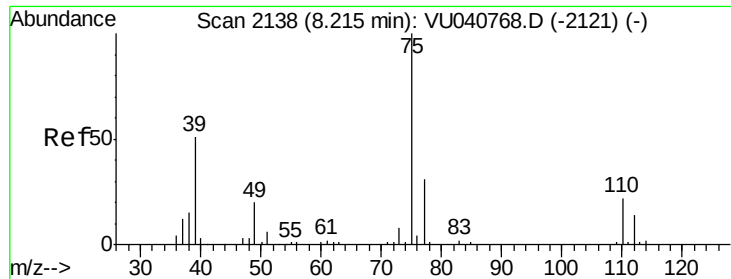
77 58.3 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU040768.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU040768.D (-1929) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

Instrument :

MSVOA_U

ClientSampleId :

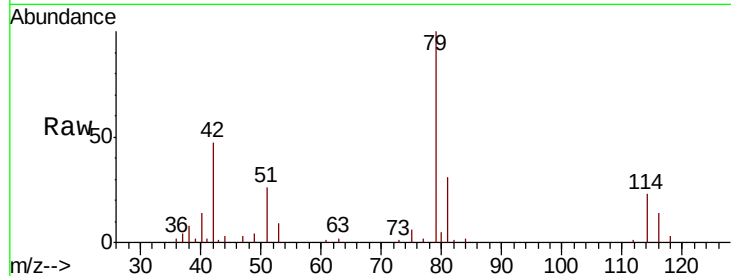
BFSF8

Tot Ion: 75 Resp: 960

Ion Ratio Lower Upper

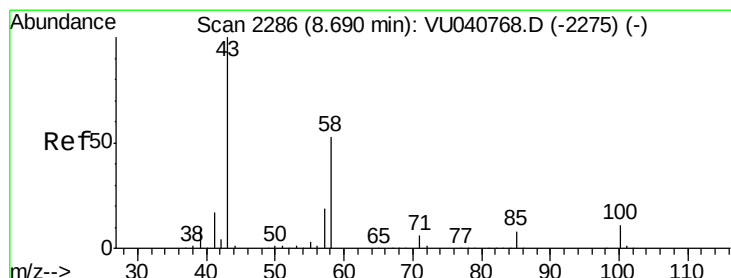
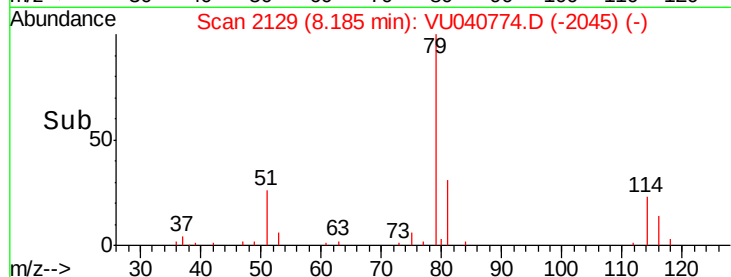
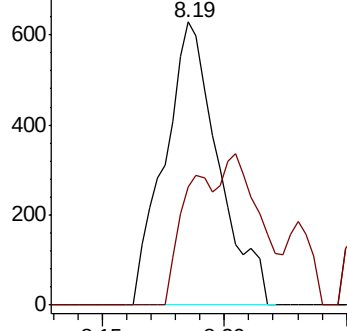
75 100

77 41.9 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.714 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040774.D

Acq: 17 Oct 2020 20:27

Tgt Ion: 43 Resp: 17376

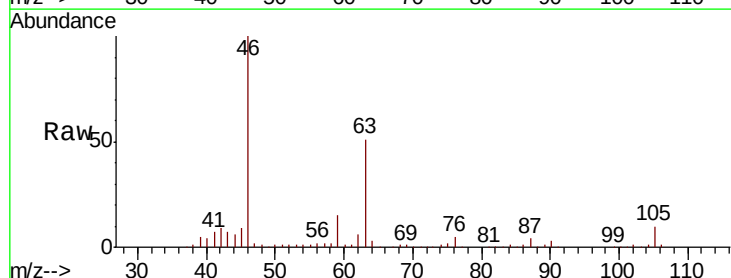
Ion Ratio Lower Upper

43 100

58 31.1 41.0 61.6#

57 30.2 14.4 21.6#

100 1.0 8.6 13.0#

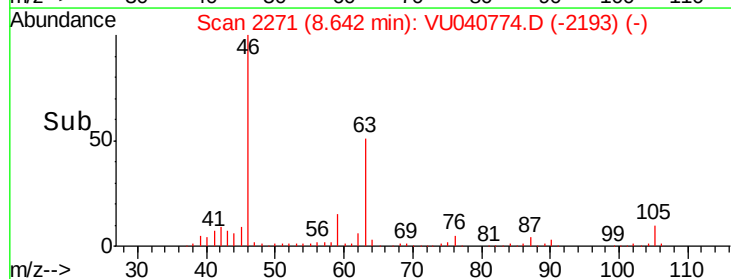
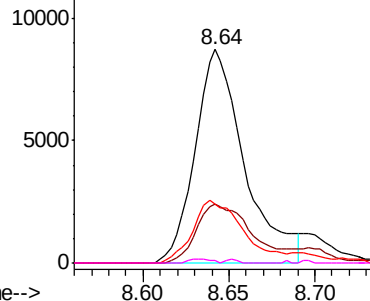


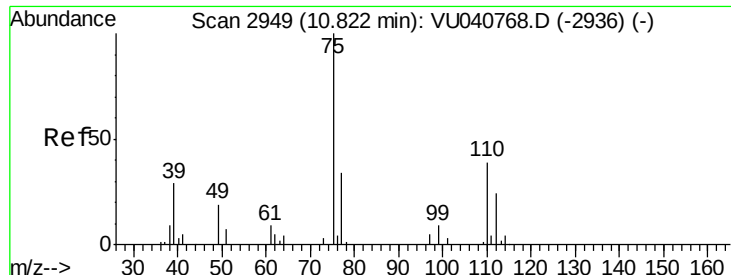
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 0.853 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040774.D

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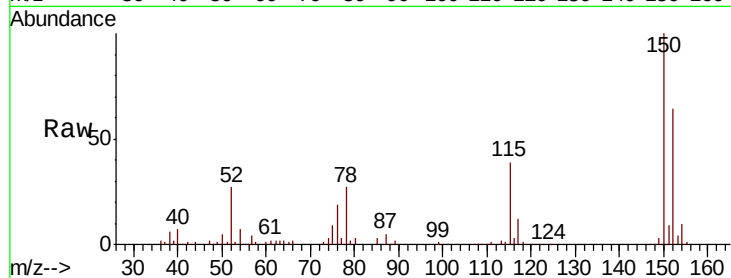
BFSF8

Tot Ion: 75 Resp: 6762

Ion Ratio Lower Upper

75 100

77 31.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

