

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040162.D
 Acq On : 16 Sep 2020 21:31
 Operator : SY/MD
 Sample : L4046-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P7

Quant Time: Sep 17 02:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26873	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	23659	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	44817	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	104254	46.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.02%
24) Chloroform-d	5.08	84	58284	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	37877	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	109222	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	36703	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	84867	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	13822	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	73220	42.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31173	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34377	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

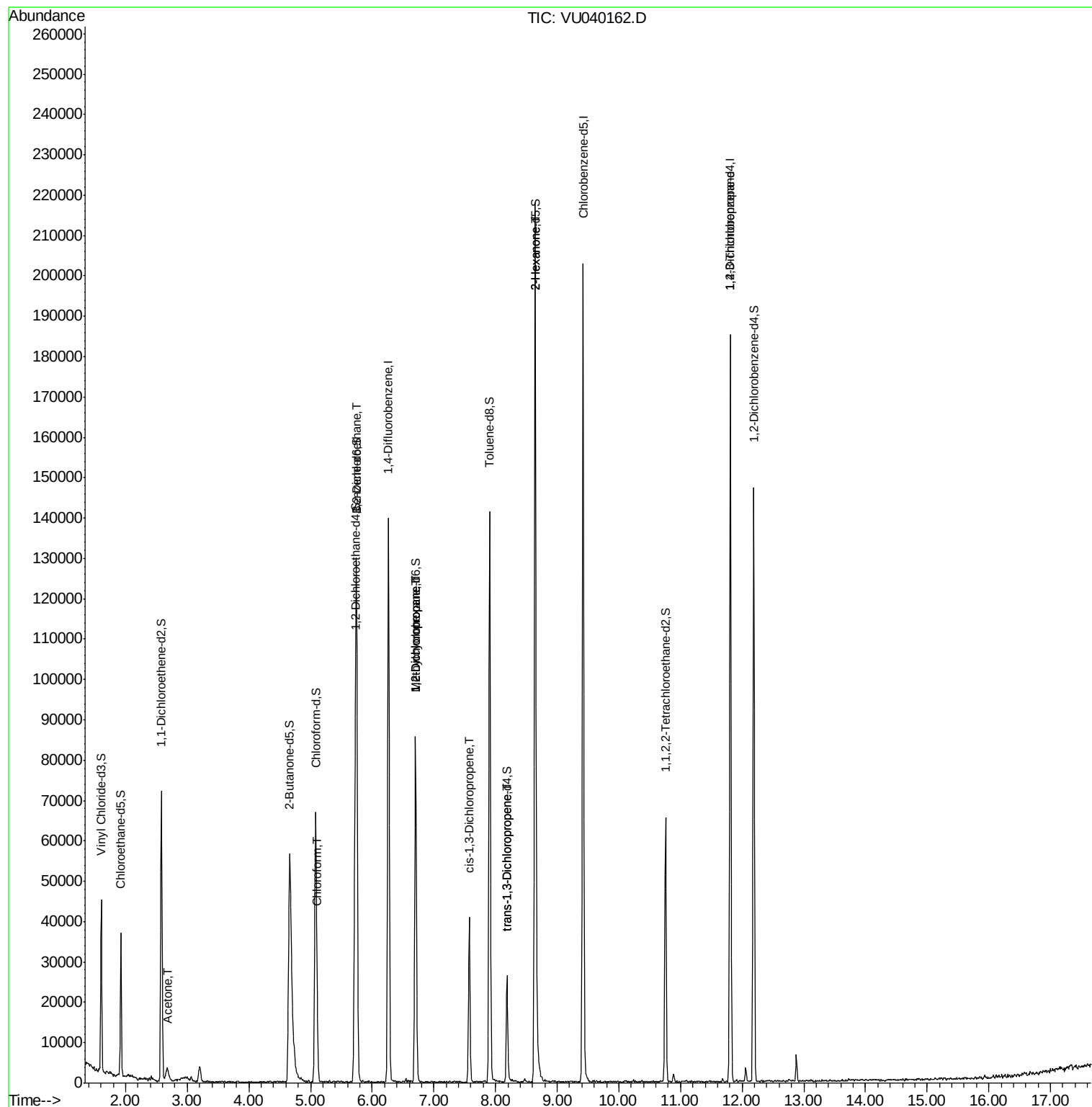
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	7307	3.522	ug/L	95
25) Chloroform	5.11	83	4410	0.245	ug/L	82
27) 1,2-Dichloroethane	5.75	62	714	0.054	ug/L #	78
35) Methylcyclohexane	6.71	83	9039	0.600	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4666	0.470	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1220	0.083	ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	777	0.057	ug/L #	76
48) 2-Hexanone	8.64	43	10637	1.788	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	6566	0.892	ug/L #	87

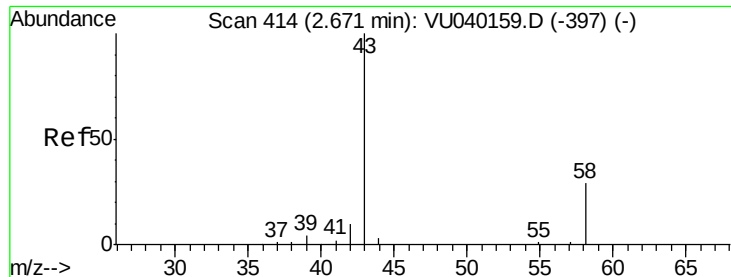
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.522 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

Instrument :

MSVOA_U

ClientSampleId :

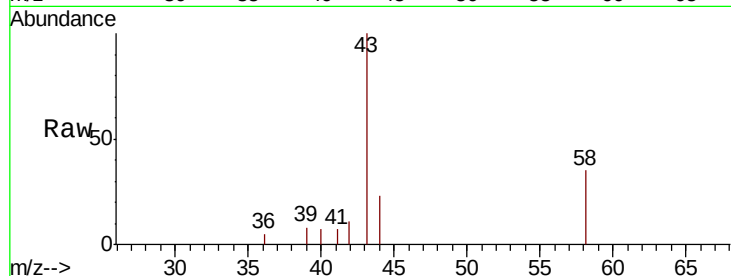
BG0P7

Tot Ion: 43 Resp: 7307

Ion Ratio Lower Upper

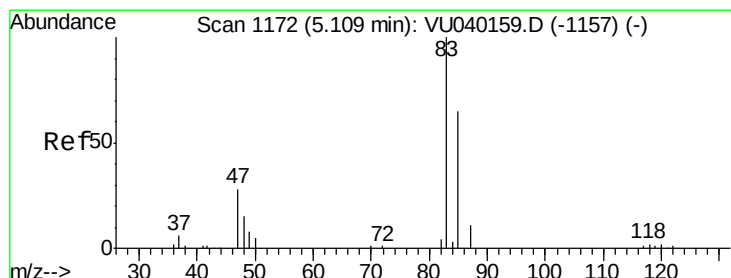
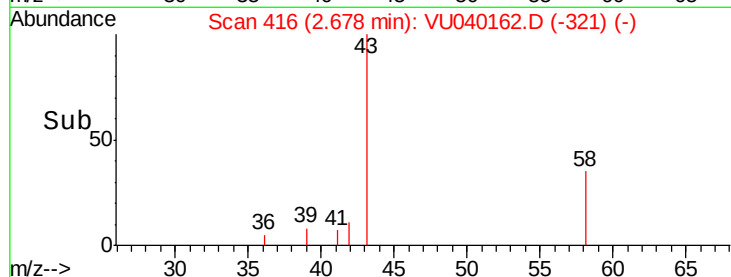
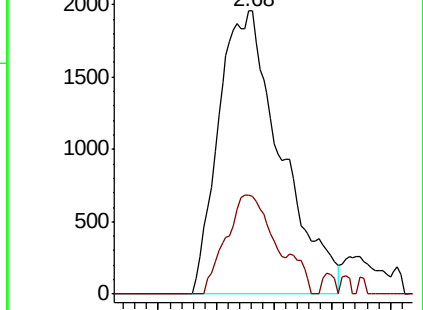
43 100

58 25.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040162.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040162.D (-321) (-)



#25

Chloroform

Concen: 0.245 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU040162.D

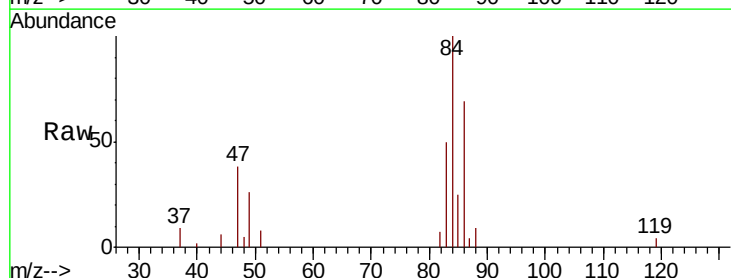
Acq: 16 Sep 2020 21:31

Tgt Ion: 83 Resp: 4410

Ion Ratio Lower Upper

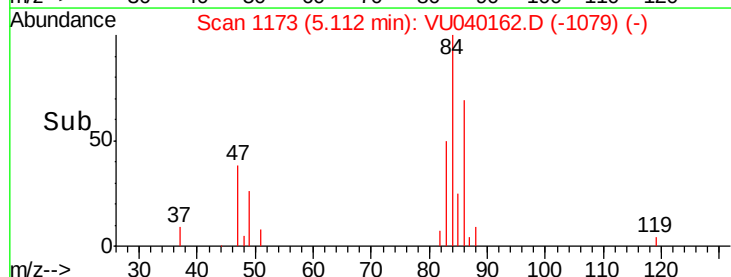
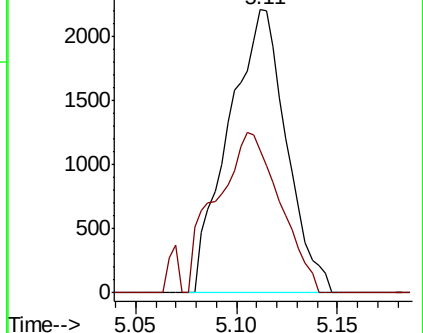
83 100

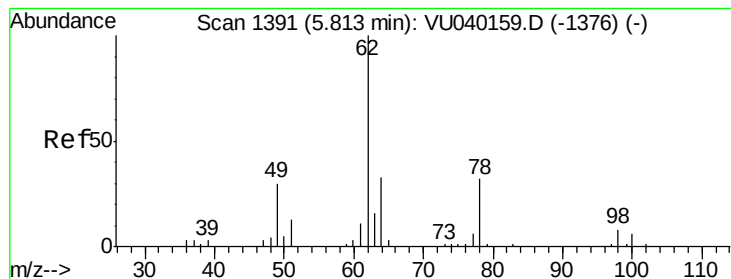
85 50.5 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040162.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU040162.D (-1079) (-)





#27

1,2-Dichloroethane

Concen: 0.054 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

Instrument :

MSVOA_U

ClientSampleId :

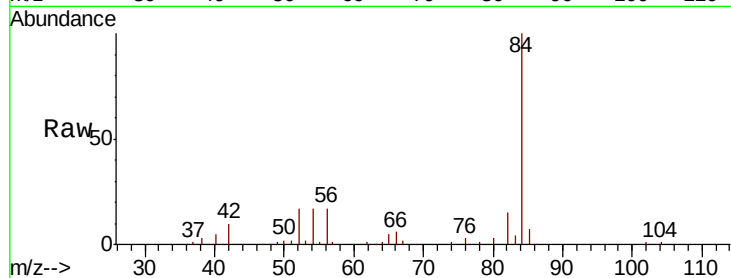
BG0P7

Tot Ion: 62 Resp: 714

Ion Ratio Lower Upper

62 100

98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.75

400

300

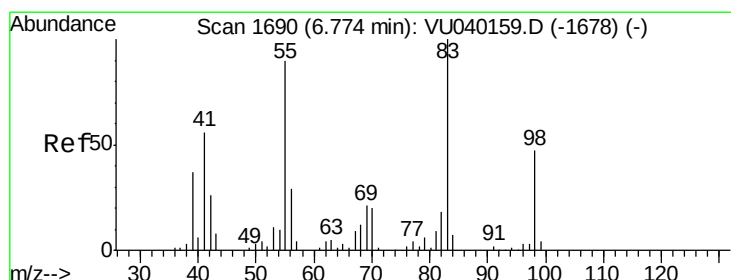
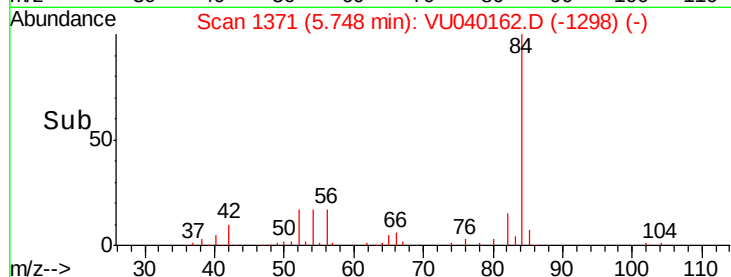
200

100

0

5.70 5.72 5.74 5.76 5.78

Time-->



#35

Methylcyclohexane

Concen: 0.600 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

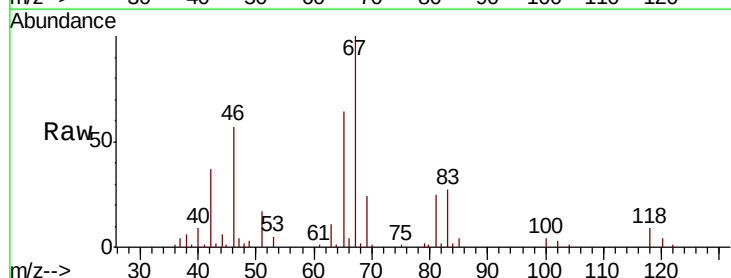
Tgt Ion: 83 Resp: 9039

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.9 37.8 56.6#



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

6.71

6000

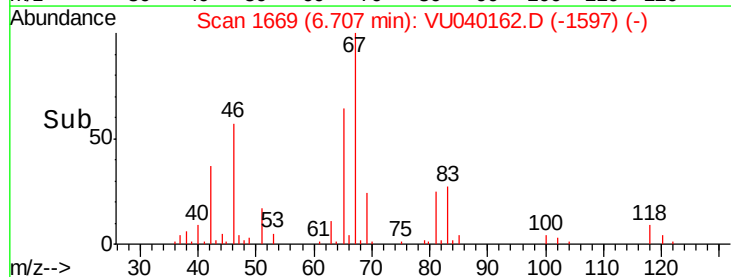
4000

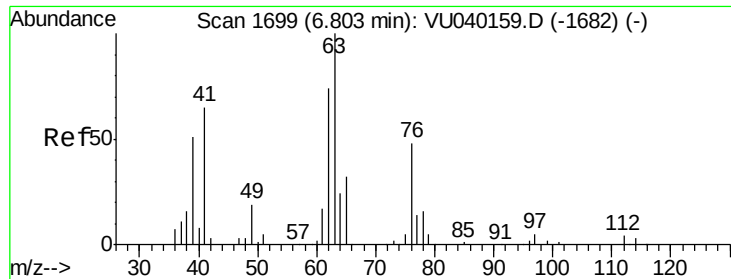
2000

0

6.65 6.70 6.75

Time-->

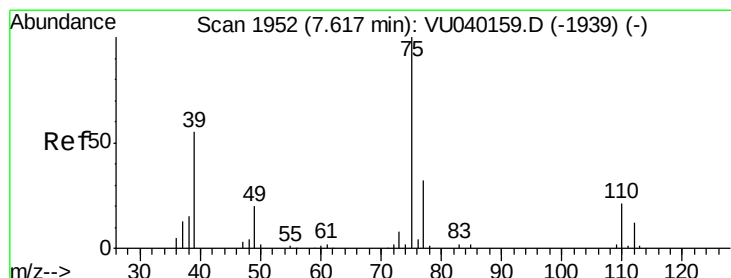
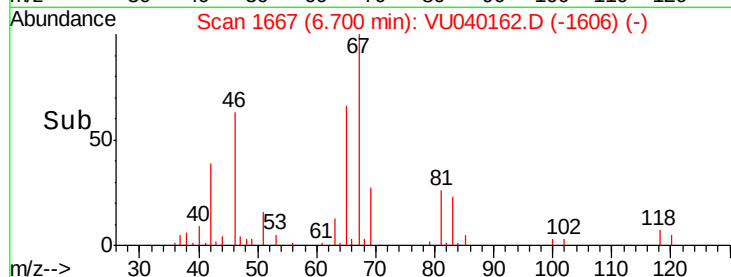
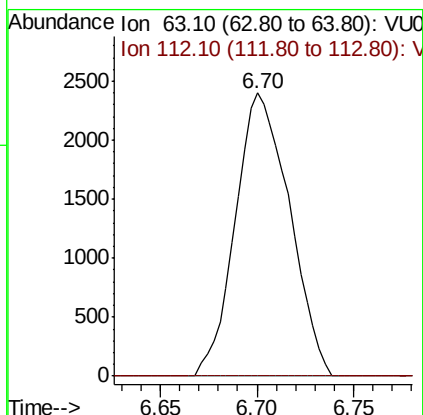
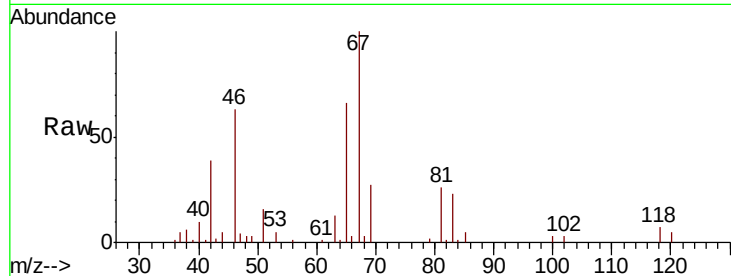




#37
 1,2-Dichloropropane
 Concen: 0.470 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040162.D
 Acq: 16 Sep 2020 21:31

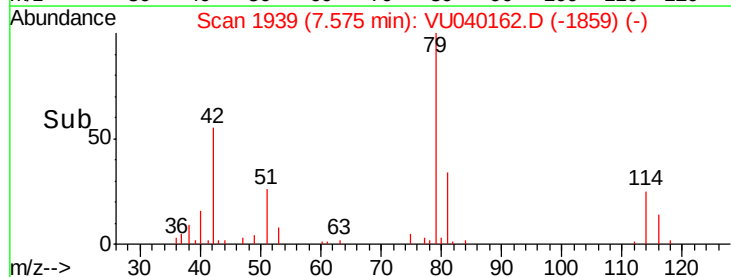
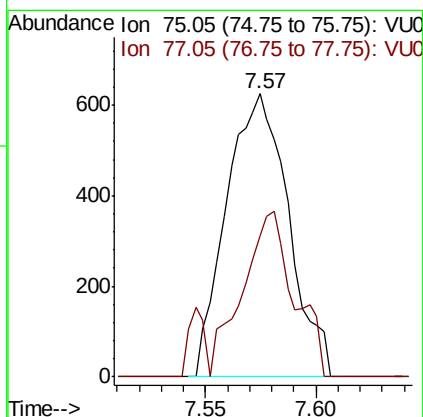
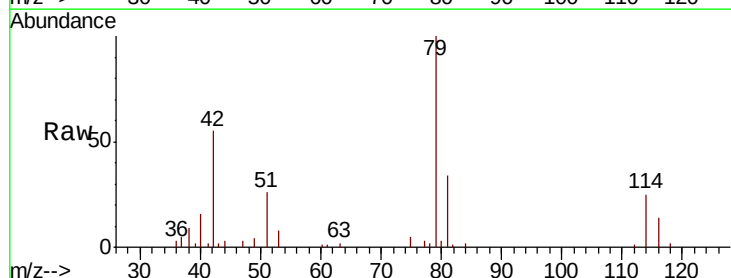
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 BG0P7

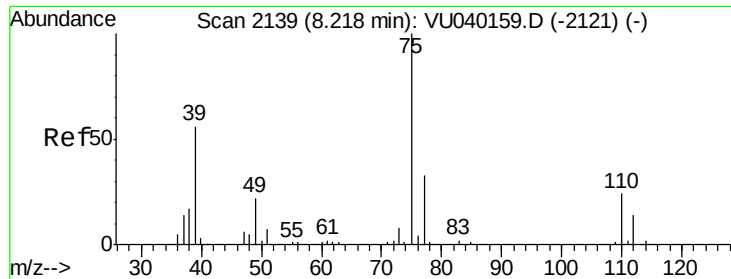
Tot Ion: 63 Resp: 4666
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040162.D
 Acq: 16 Sep 2020 21:31

Tgt Ion: 75 Resp: 1220
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

Instrument :

MSVOA_U

ClientSampleId :

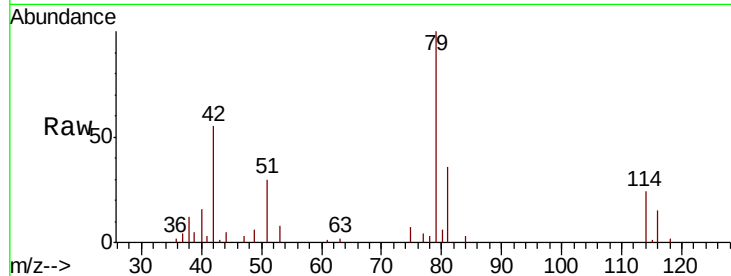
BG0P7

Tot Ion: 75 Resp: 777

Ion Ratio Lower Upper

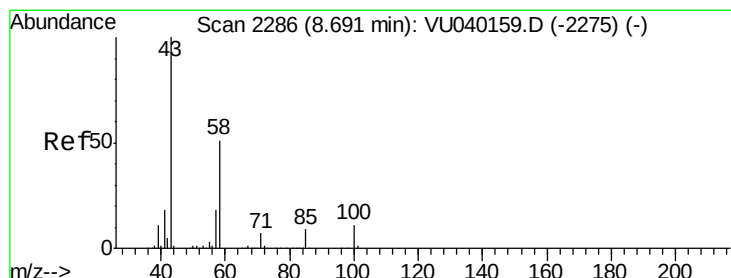
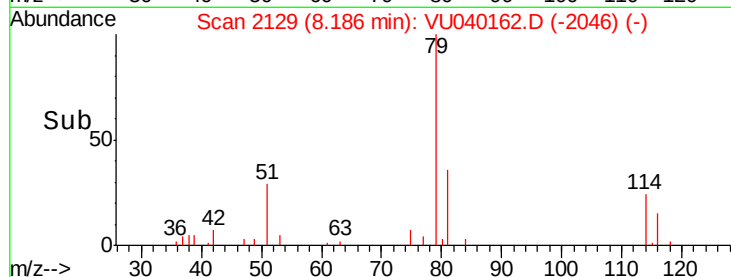
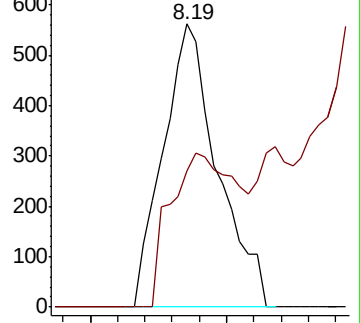
75 100

77 47.9 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.788 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

Tgt Ion: 43 Resp: 10637

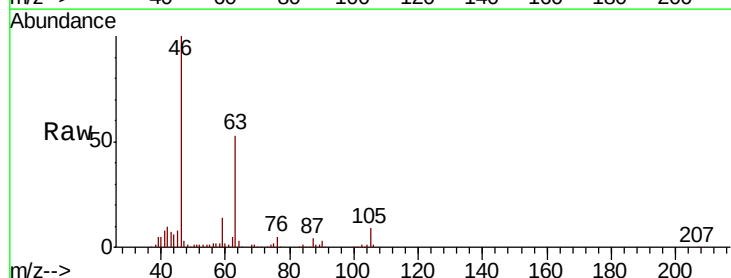
Ion Ratio Lower Upper

43 100

58 24.1 39.6 59.4#

57 30.0 14.3 21.5#

100 1.1 8.0 12.0#

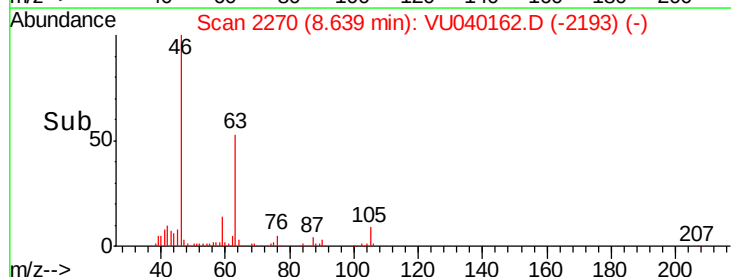
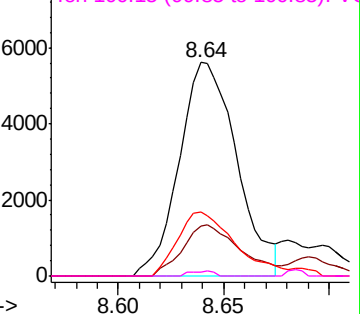


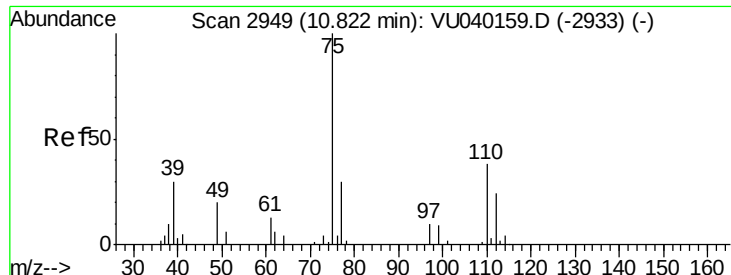
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.892 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040162.D

Acq: 16 Sep 2020 21:31

Instrument :

MSVOA_U

ClientSampleId :

BG0P7

Tot Ion: 75 Resp: 6566

Ion Ratio Lower Upper

75 100

77 38.2 24.9 37.3#

