

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040118.D
 Acq On : 14 Sep 2020 14:04
 Operator : SY/MD
 Sample : L3961-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y43

Quant Time: Sep 15 02:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31675	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	26969	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	51871	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	115811	43.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.84%
24) Chloroform-d	5.08	84	65605	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.72	65	38574	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.75	84	120019	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.70	67	37323	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.91	98	98868	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.19	79	14495	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	8.64	63	83753	40.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33168	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39931	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

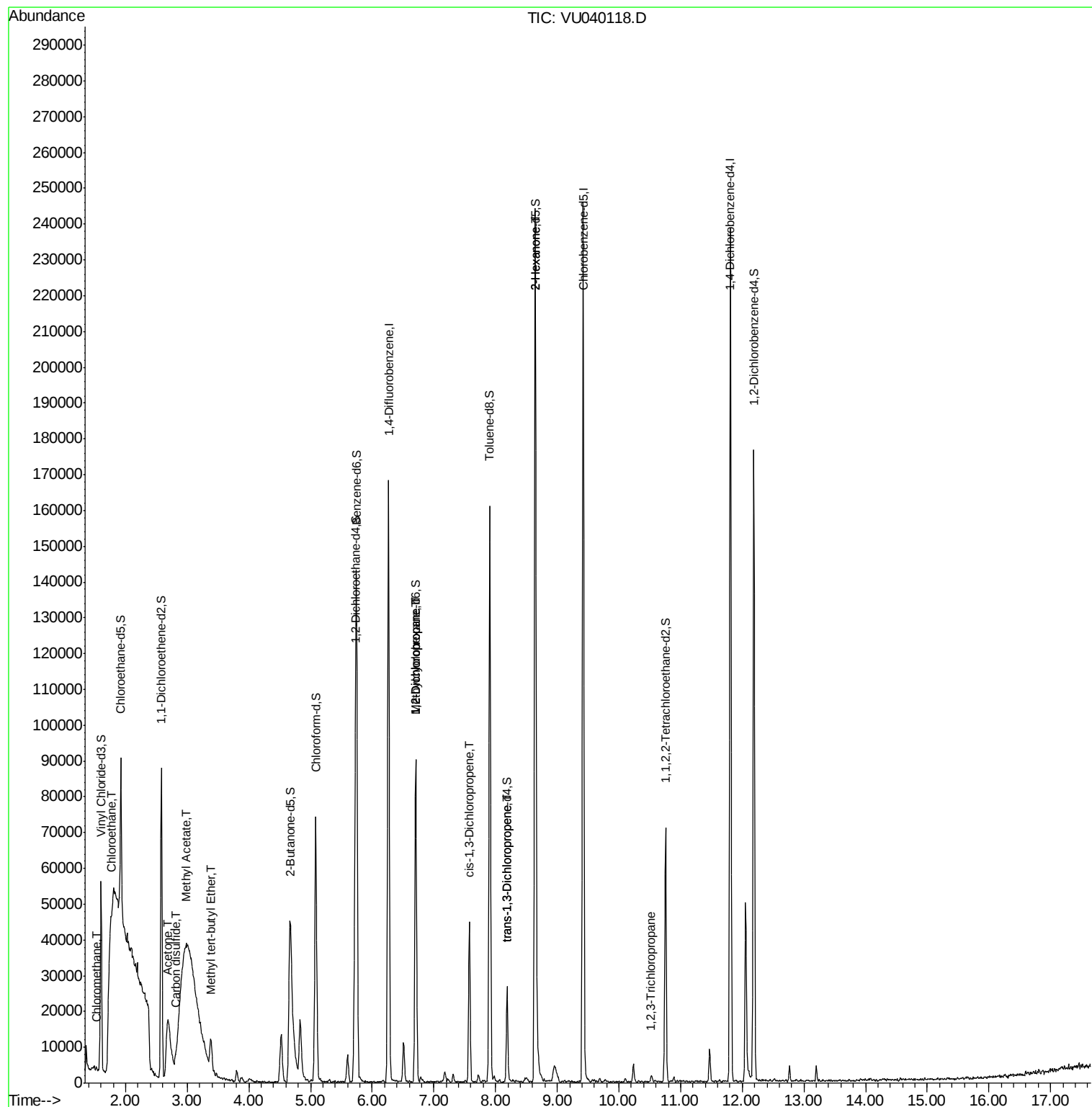
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	720	0.063	ug/L	95
8) Chloroethane	1.76	64	70070	10.024	ug/L #	52
13) Acetone	2.69	43	56835	23.283	ug/L	57
14) Carbon disulfide	2.80	76	2163	0.072	ug/L	99
15) Methyl Acetate	2.97	43	1468	0.240	ug/L #	54
17) Methyl tert-butyl Ether	3.39	73	8632	0.306	ug/L #	93
35) Methylcyclohexane	6.70	83	9121	0.502	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4843	0.404	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1192	0.067	ug/L #	71
44) trans-1,3-Dichloropropene	8.19	75	933	0.057	ug/L #	66
48) 2-Hexanone	8.64	43	11541	1.609	ug/L #	73
59) 1,2,3-Trichloropropane	10.53	75	1422	0.160	ug/L #	44

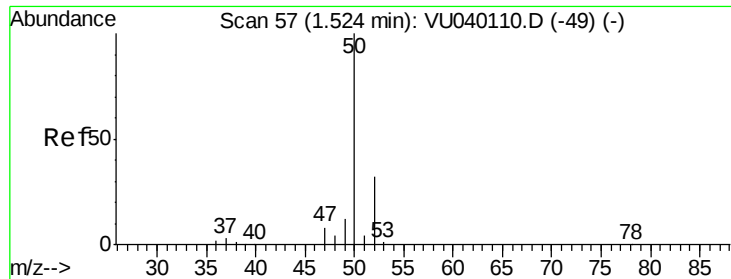
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.063 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040118.D

Acq: 14 Sep 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

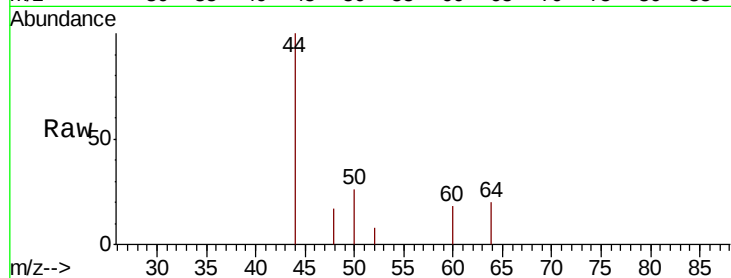
F4Y43

Tot Ion: 50 Resp: 720

Ion Ratio Lower Upper

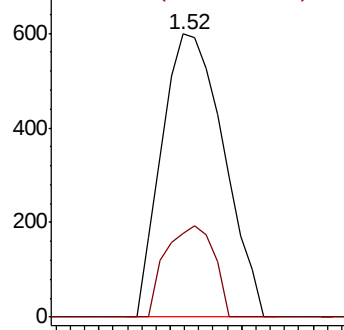
50 100

52 29.8 22.8 42.4

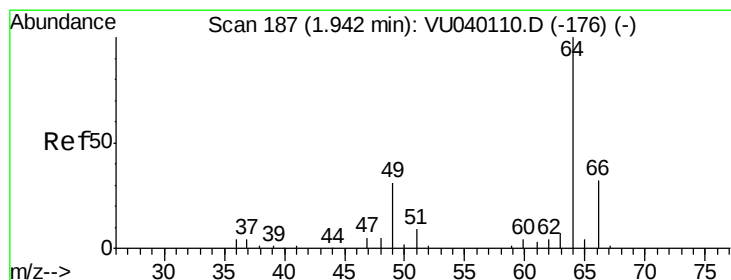
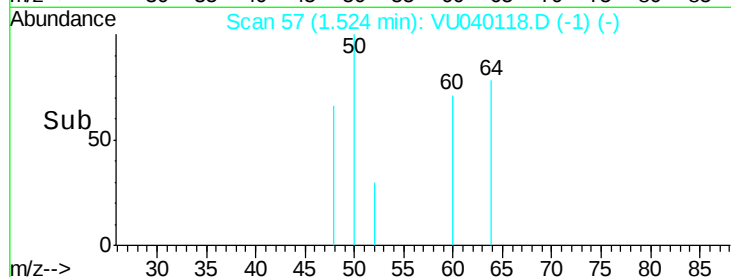


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 10.024 ug/L

RT: 1.76 min Scan# 131

Delta R.T. -0.18 min

Lab File: VU040118.D

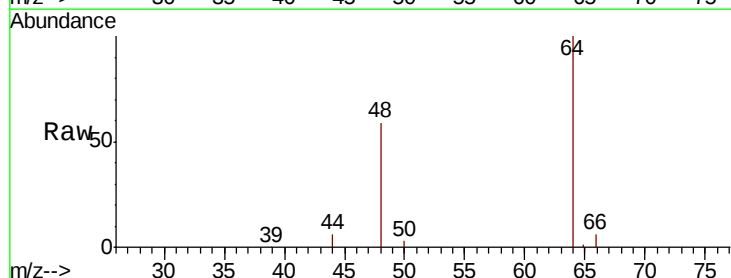
Acq: 14 Sep 2020 14:04

Tgt Ion: 64 Resp: 70070

Ion Ratio Lower Upper

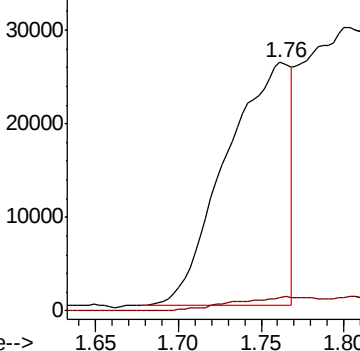
64 100

66 5.6 22.7 42.1#

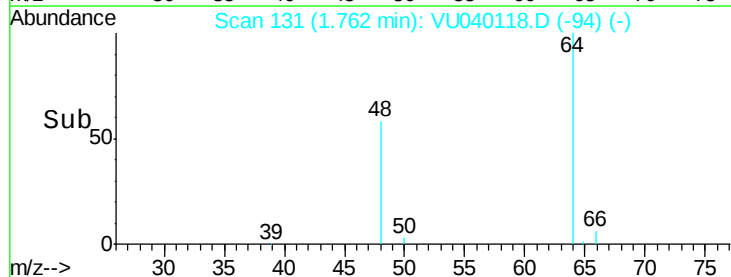


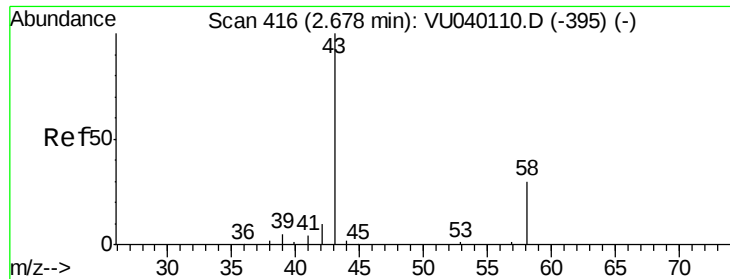
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->





#13

Acetone

Concen: 23.283 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU040118.D

Acq: 14 Sep 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

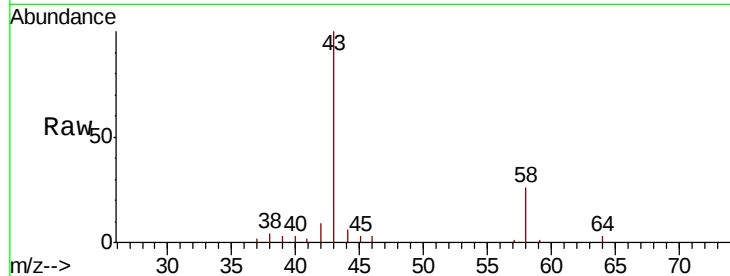
F4Y43

Tot Ion: 43 Resp: 56835

Ion Ratio Lower Upper

43 100

58 5.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040118.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU040118.D (-323) (-)

2.69

12000

10000

8000

6000

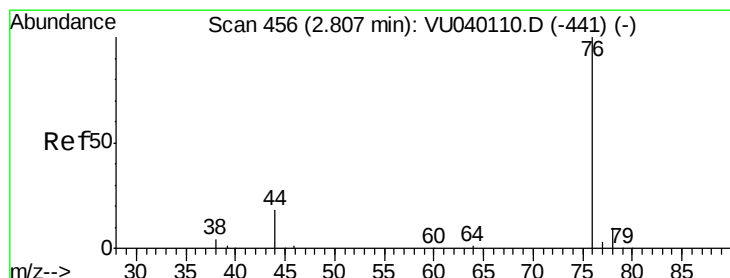
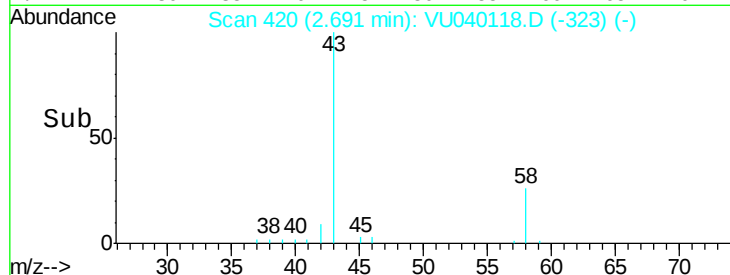
4000

2000

0

Time-->

2.60 2.70 2.80



#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040118.D

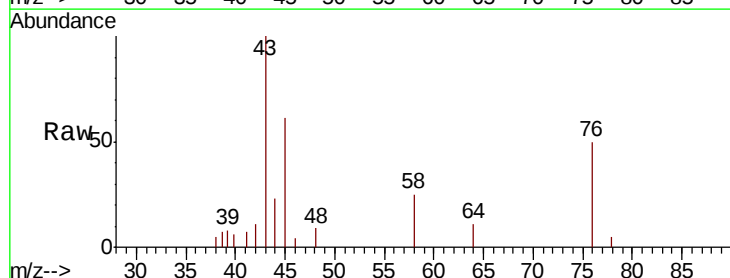
Acq: 14 Sep 2020 14:04

Tgt Ion: 76 Resp: 2163

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040118.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040118.D (-363) (-)

2.80

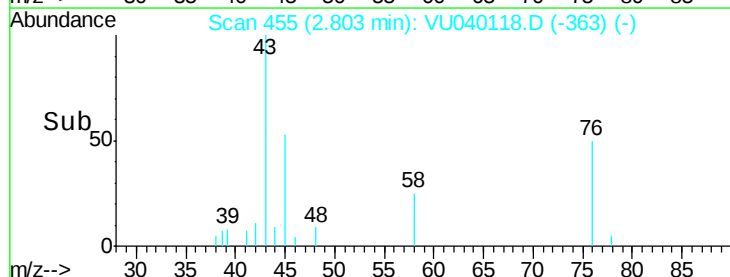
1000

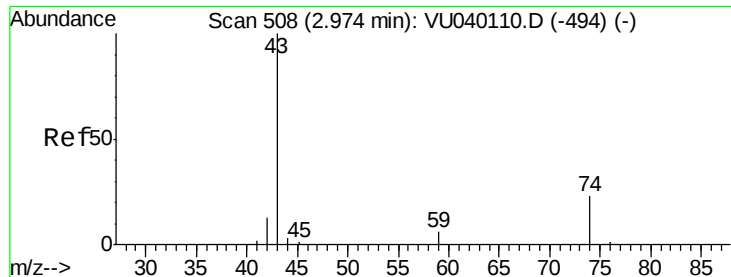
500

0

Time-->

2.75 2.80 2.85

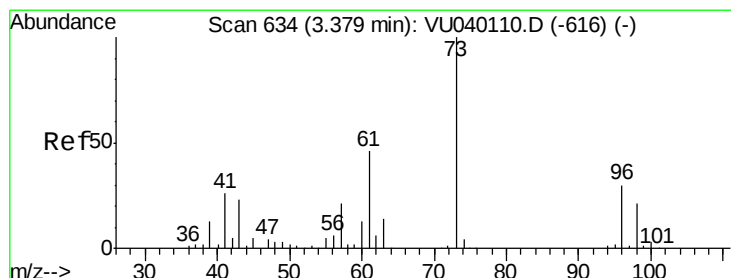
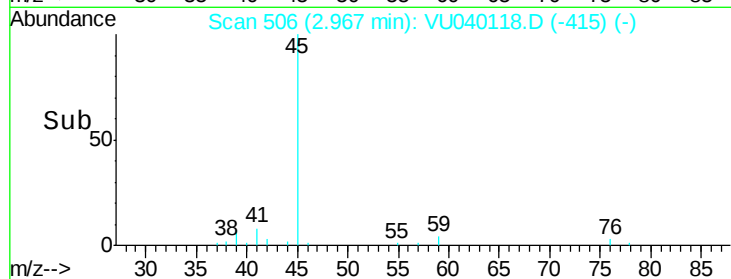
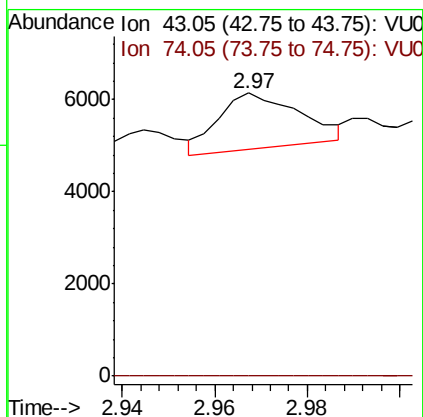
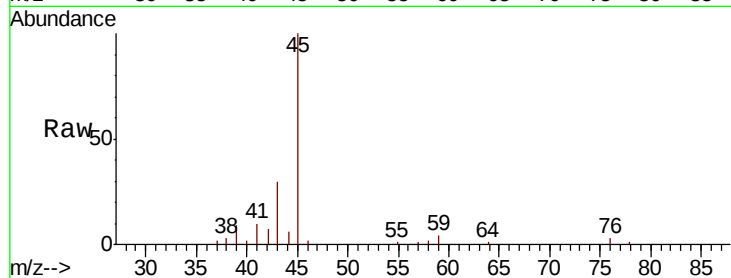




#15
Methvl Acetate
Concen: 0.240 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.01 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

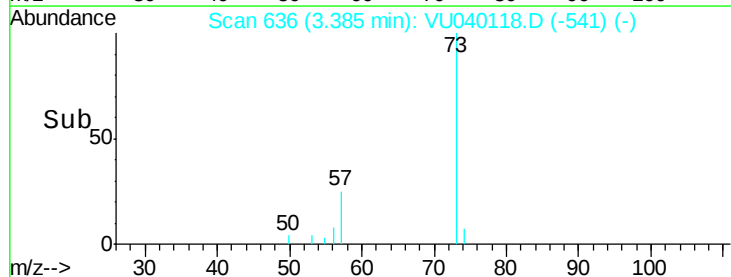
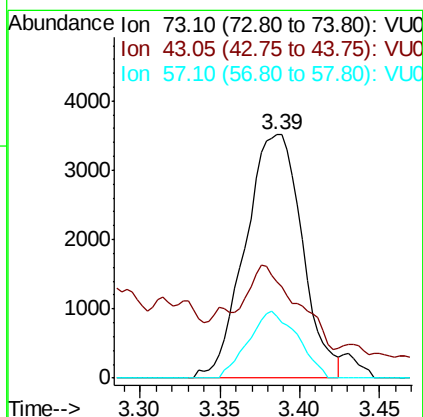
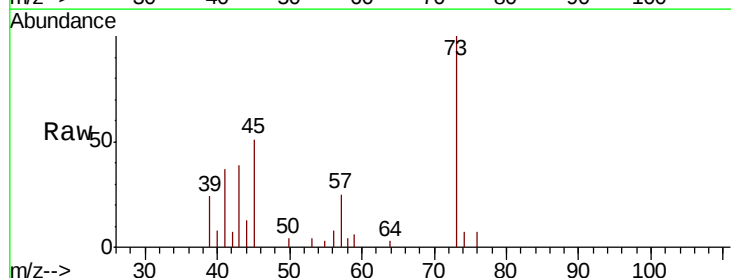
Instrument :
MSVOA_U
ClientSampleId :
F4Y43

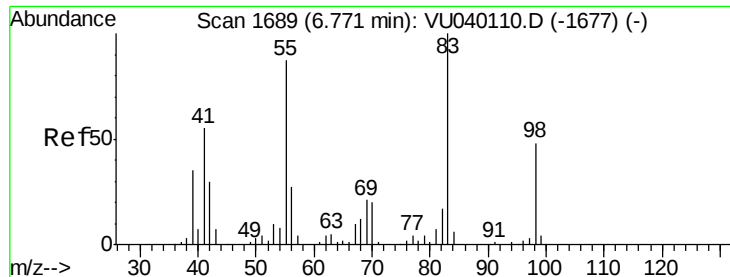
Tot Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#17
Methyl tert-butyl Ether
Concen: 0.306 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Tgt Ion: 73 Resp: 8632
Ion Ratio Lower Upper
73 100
43 29.9 19.1 28.7#
57 23.7 18.3 27.5

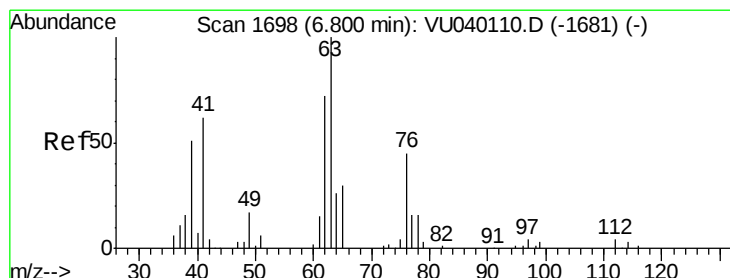
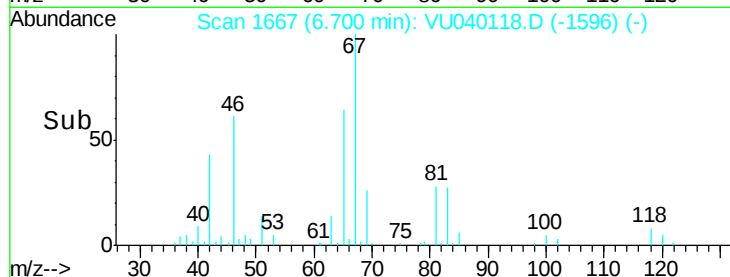
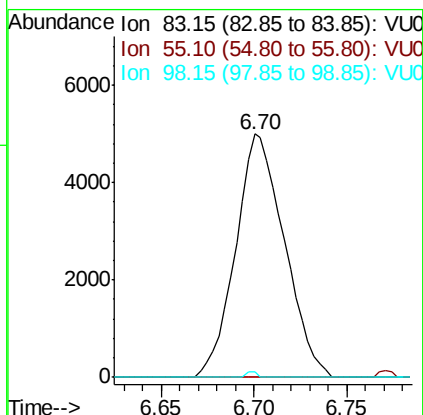
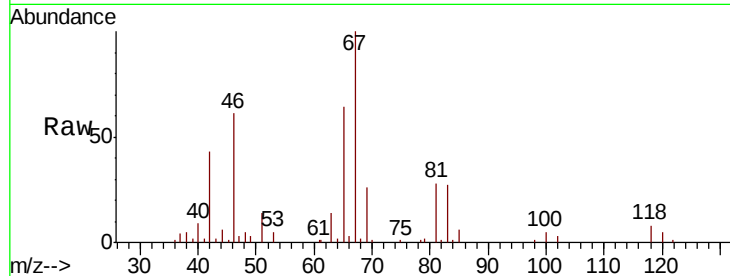




#35
Methvlcvclohexane
Concen: 0.502 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

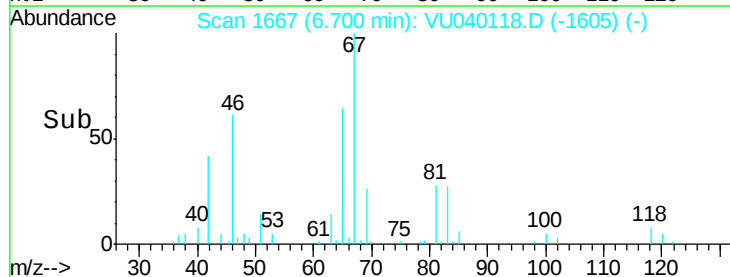
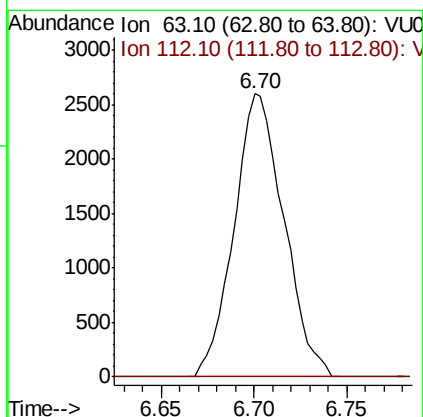
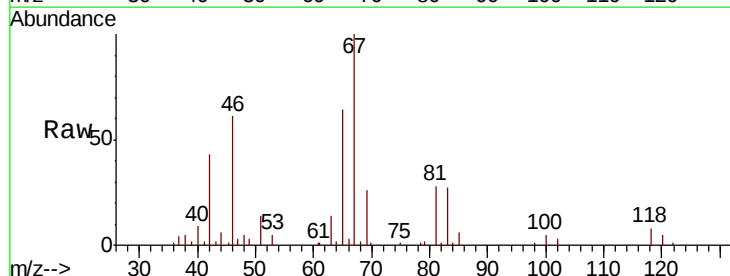
Instrument :
MSVOA_U
ClientSampleId :
F4Y43

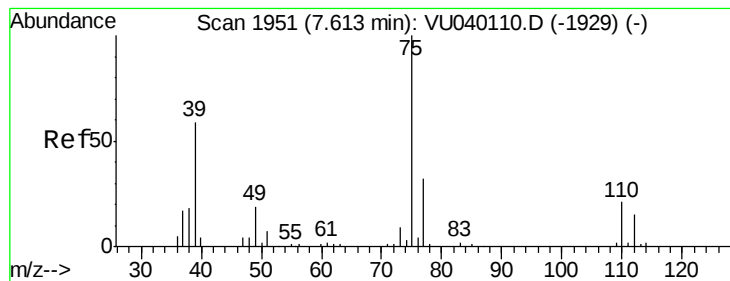
Tot Ion: 83 Resp: 9121
Ion Ratio Lower Upper
83 100
55 0.8 70.5 105.7#
98 0.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.404 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Tgt Ion: 63 Resp: 4843
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



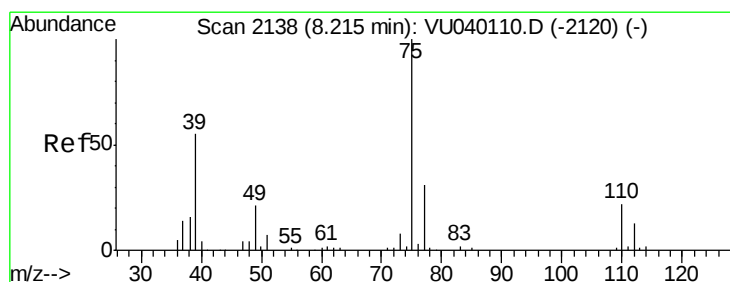
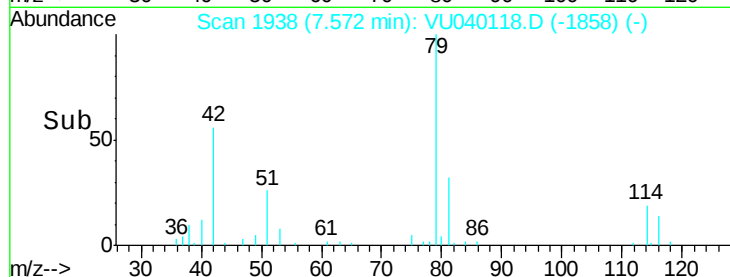
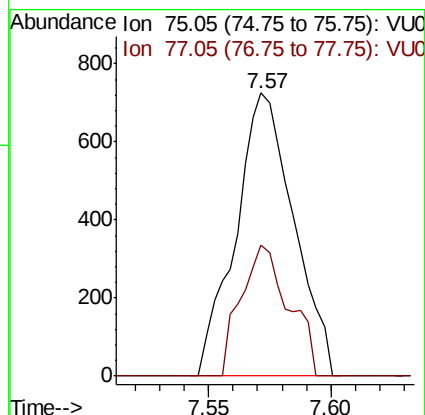
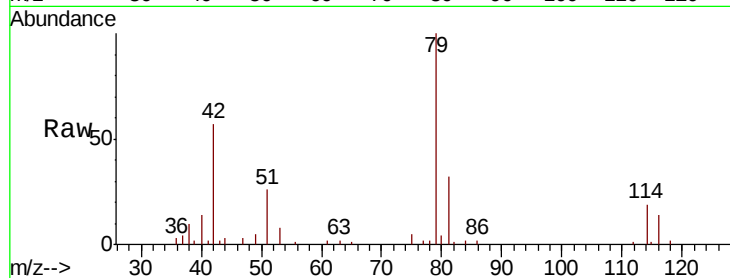


#39

cis-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
F4Y43

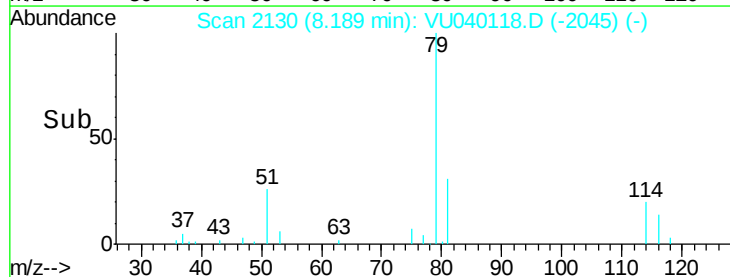
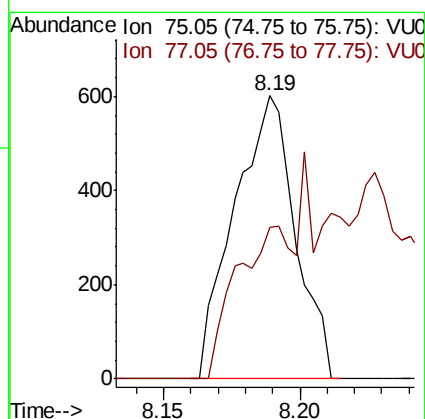
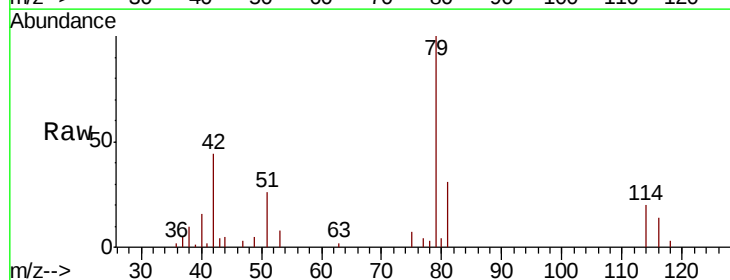
Tot Ion: 75 Resp: 1192
Ion Ratio Lower Upper
75 100
77 46.1 21.1 39.3#

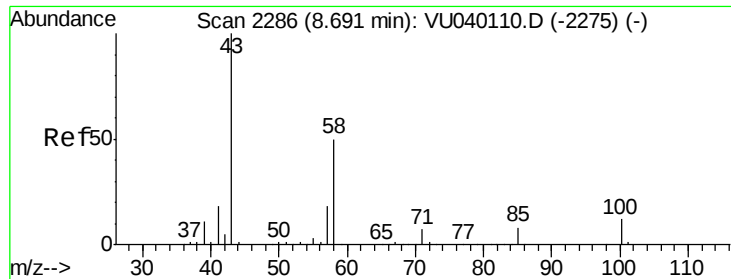


#44

trans-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Tgt Ion: 75 Resp: 933
Ion Ratio Lower Upper
75 100
77 53.3 23.9 44.3#

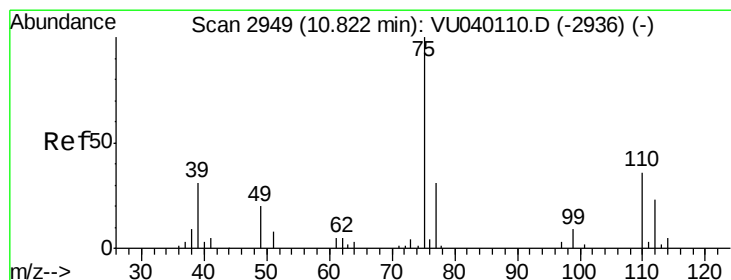
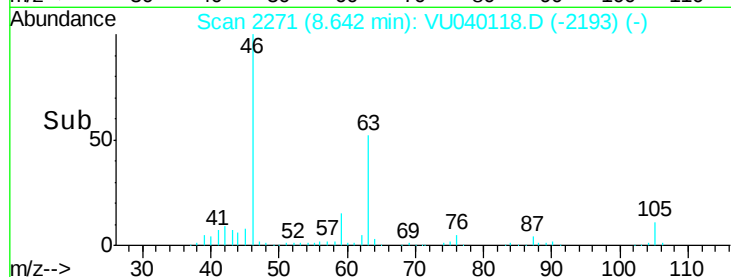
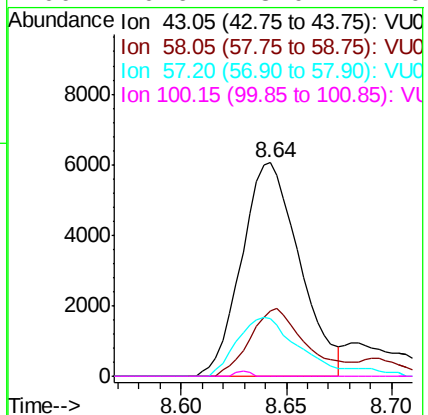
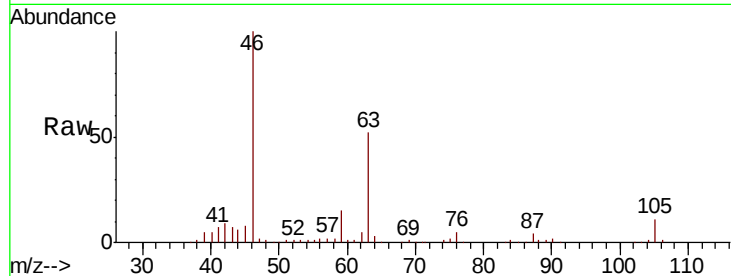




#48
2-Hexanone
Concen: 1.609 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
F4Y43

Tot Ion: 43 Resp: 11541
Ion Ratio Lower Upper
43 100
58 30.2 39.6 59.4#
57 29.3 14.3 21.5#
100 0.6 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.160 ug/L
RT: 10.53 min Scan# 2858
Delta R.T. -0.29 min
Lab File: VU040118.D
Acq: 14 Sep 2020 14:04

Tgt Ion: 75 Resp: 1422
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

