

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040221.D
 Acq On : 18 Sep 2020 19:08
 Operator : SY/MD
 Sample : L4078-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Sep 18 23:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26690	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	26106	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	48386	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	134994	55.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.58%
24) Chloroform-d	5.08	84	67422	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	43819	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.75	84	120124	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	41179	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	94672	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.19	79	17208	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	95441	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38792	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42505	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

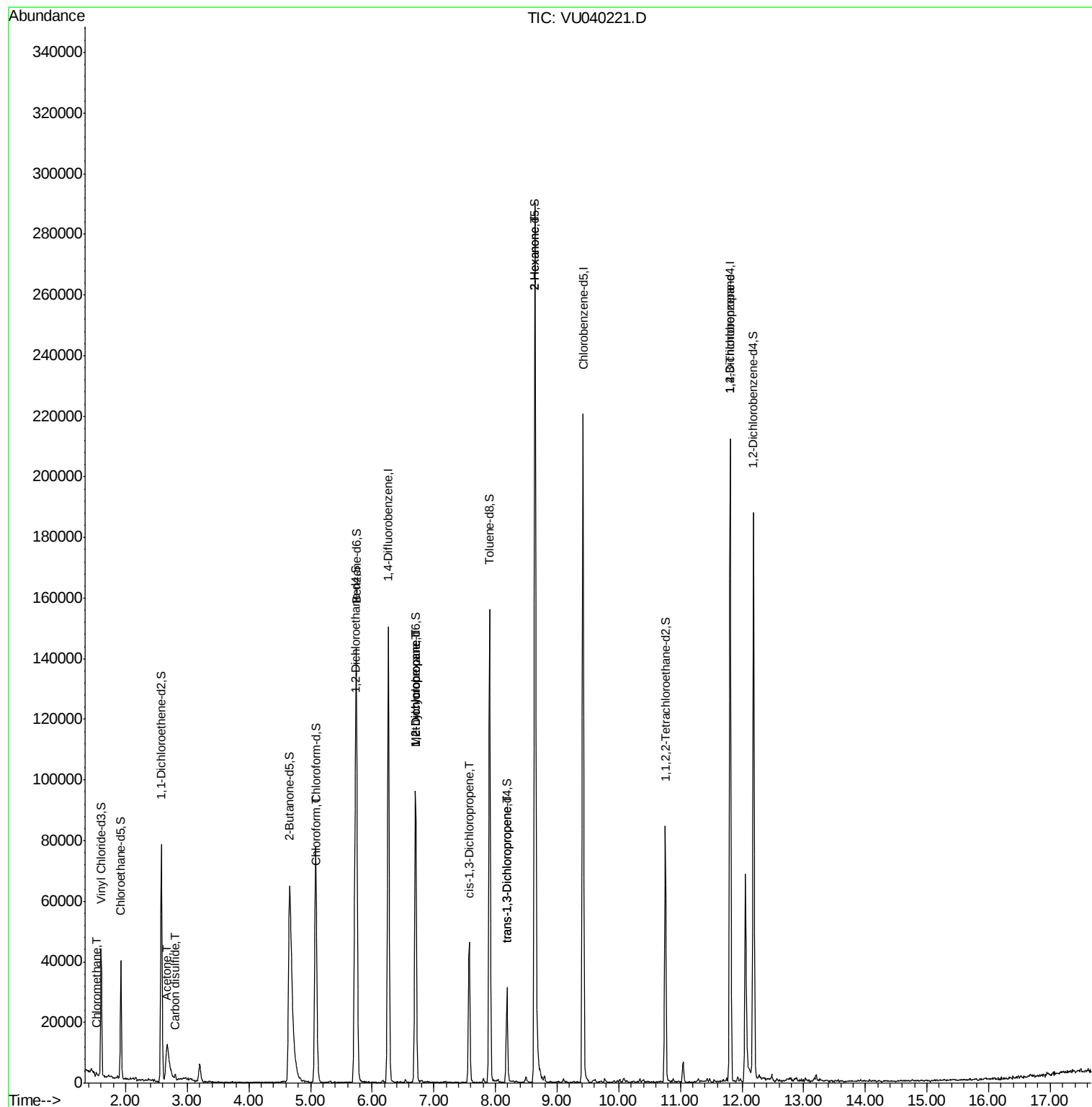
					Ovalue
3) Chloromethane	1.53	50	553	0.052 ug/L	90
13) Acetone	2.67	43	33243	14.709 ug/L	72
14) Carbon disulfide	2.81	76	1718	0.062 ug/L #	72
25) Chloroform	5.11	83	5859	0.299 ug/L	100
35) Methylcyclohexane	6.70	83	10050	0.615 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5354	0.497 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1298	0.082 ug/L	87
44) trans-1,3-Dichloropropene	8.19	75	860	0.058 ug/L #	50
48) 2-Hexanone	8.64	43	14008	2.172 ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	7173	0.898 ug/L	91

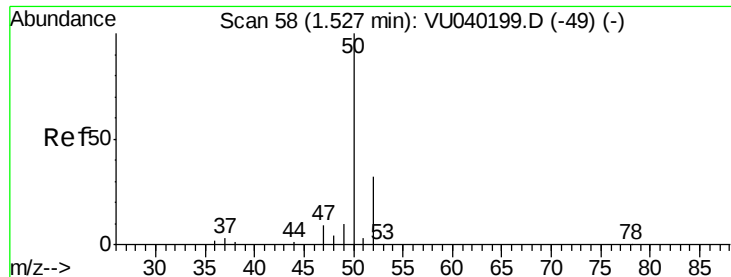
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.052 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040221.D

Acq: 18 Sep 2020 19:08

Instrument :

MSVOA_U

ClientSampleId :

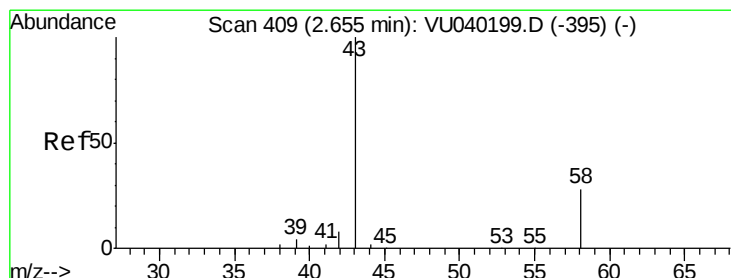
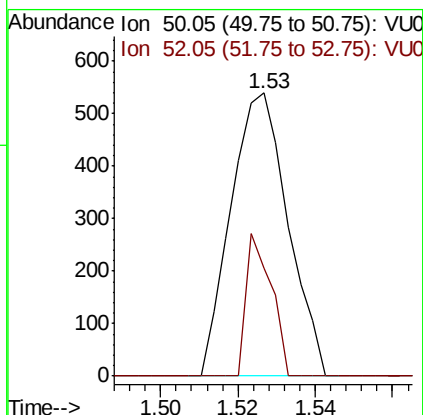
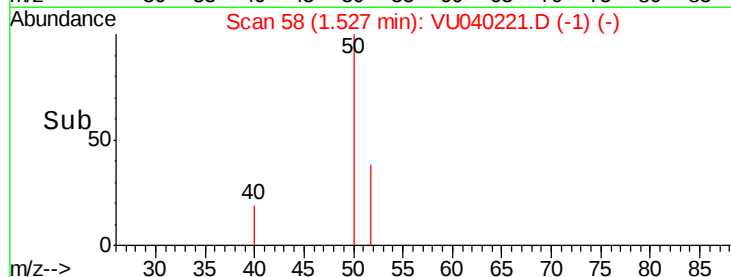
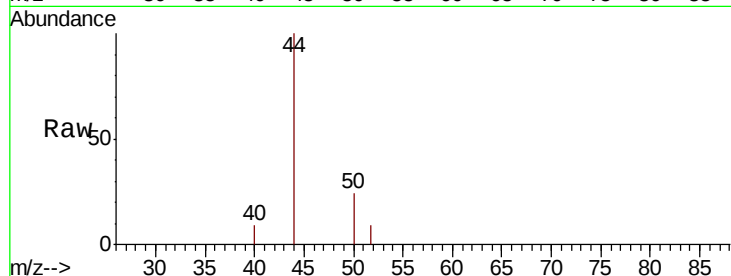
C0AL1

Tot Ion: 50 Resp: 553

Ion Ratio Lower Upper

50 100

52 38.2 22.8 42.4



#13

Acetone

Concen: 14.709 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

Lab File: VU040221.D

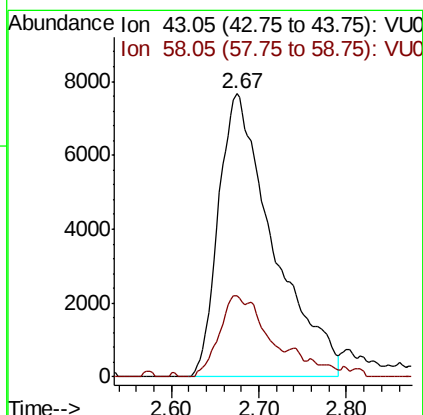
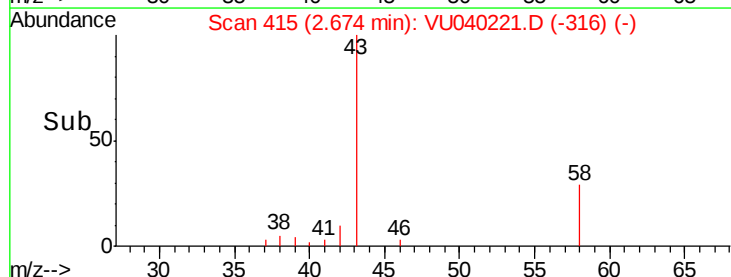
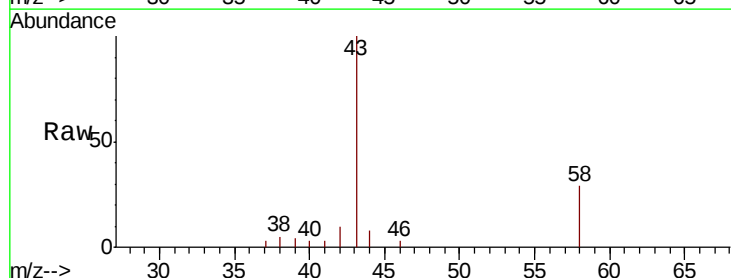
Acq: 18 Sep 2020 19:08

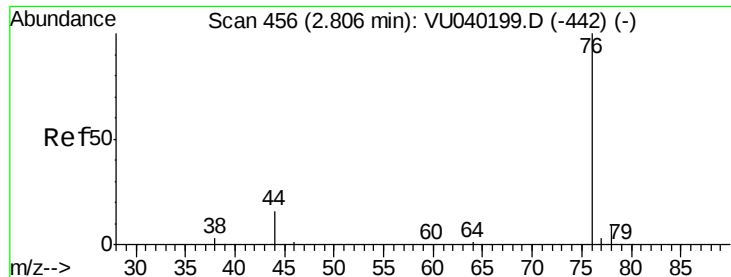
Tgt Ion: 43 Resp: 33243

Ion Ratio Lower Upper

43 100

58 13.2 0.0 55.4





#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040221.D

Acq: 18 Sep 2020 19:08

Instrument :

MSVOA_U

ClientSampled :

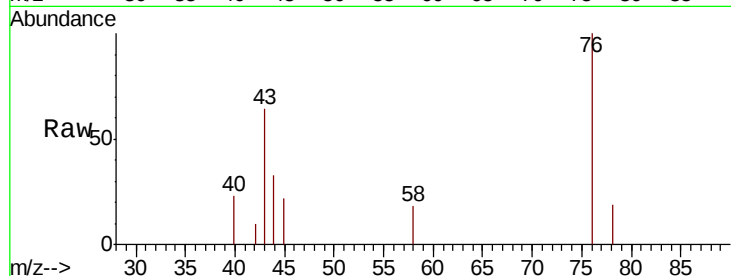
C0AL1

Tot Ion: 76 Resp: 1718

Ion Ratio Lower Upper

76 100

78 19.1 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040199.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040199.D (-442) (-)

2.81

1000

800

600

400

200

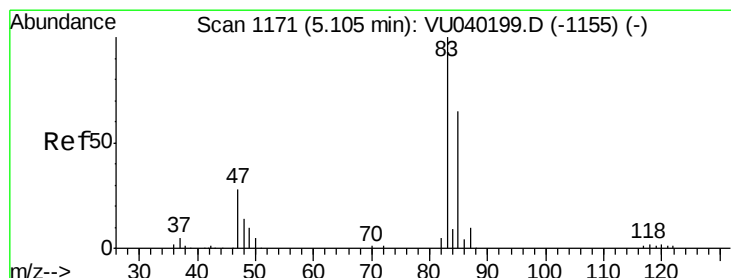
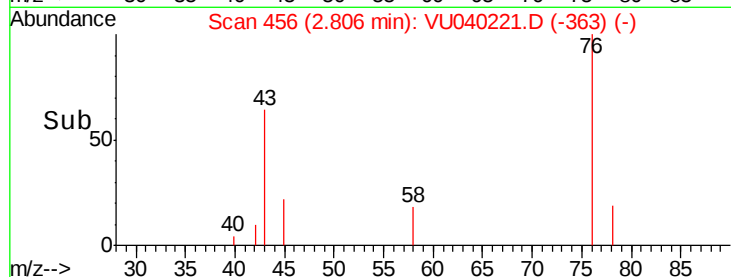
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Time-->

2.75

2.80

2.85



#25

Chloroform

Concen: 0.299 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040221.D

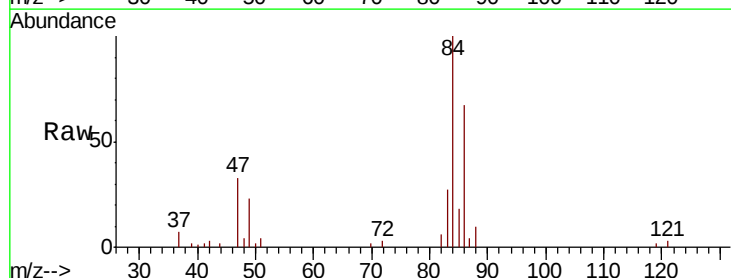
Acq: 18 Sep 2020 19:08

Tgt Ion: 83 Resp: 5859

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040199.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU040199.D (-1155) (-)

5.11

3000

2500

2000

1500

1000

500

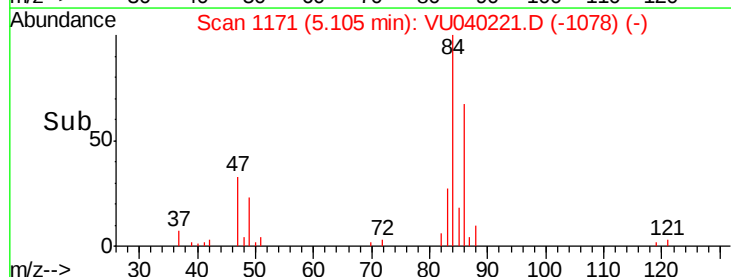
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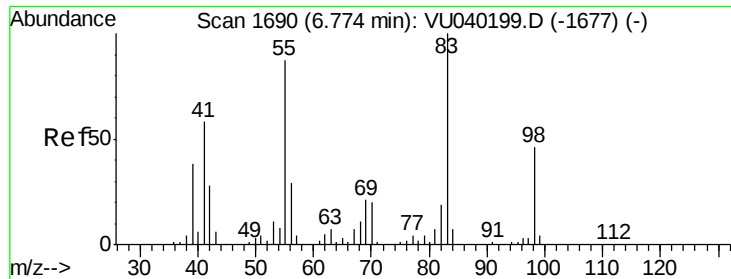
Time-->

5.05

5.10

5.15

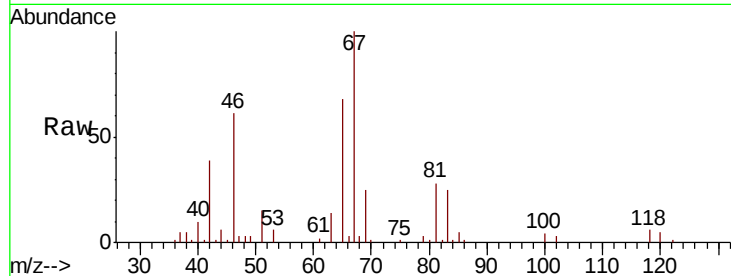




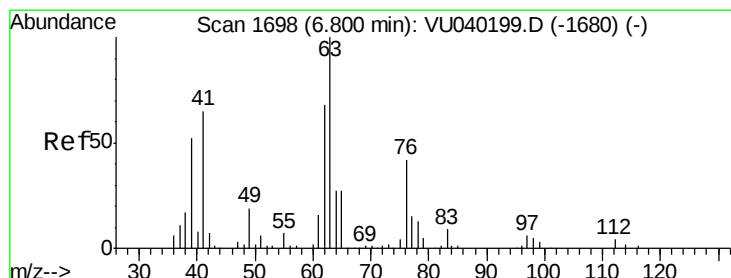
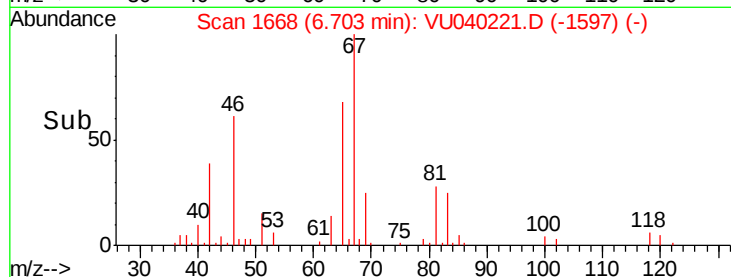
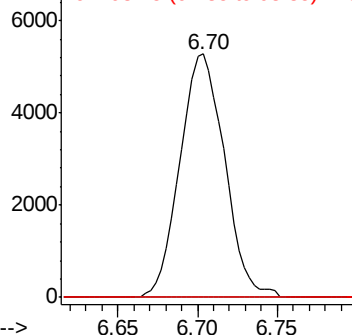
#35
Methvlcvclohexane
Concen: 0.615 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040221.D
Acq: 18 Sep 2020 19:08

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tot Ion: 83 Resp: 10050
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.0 37.8 56.6#

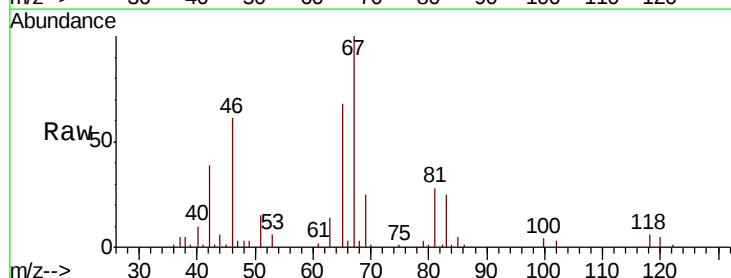


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

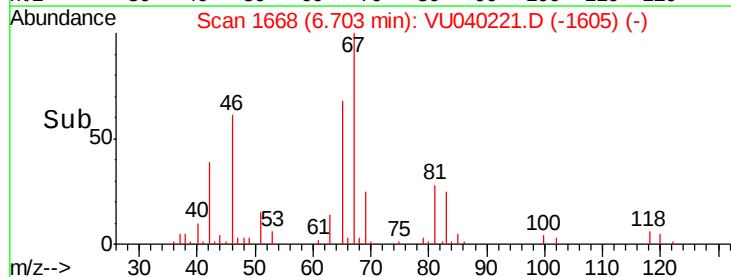
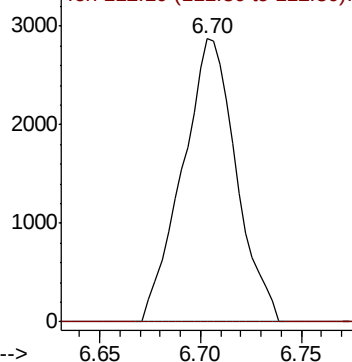


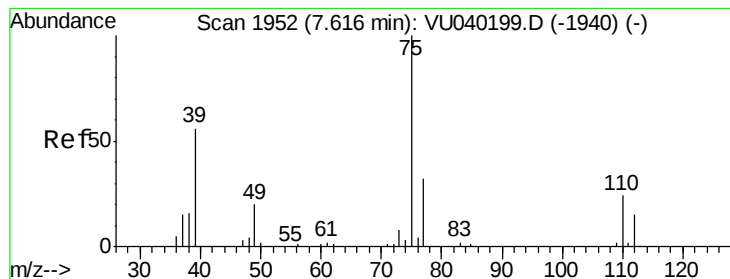
#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040221.D
Acq: 18 Sep 2020 19:08

Tgt Ion: 63 Resp: 5354
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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



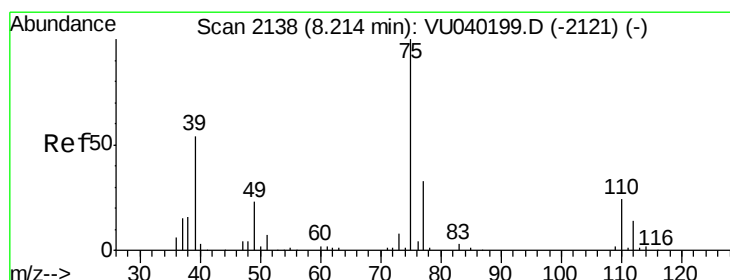
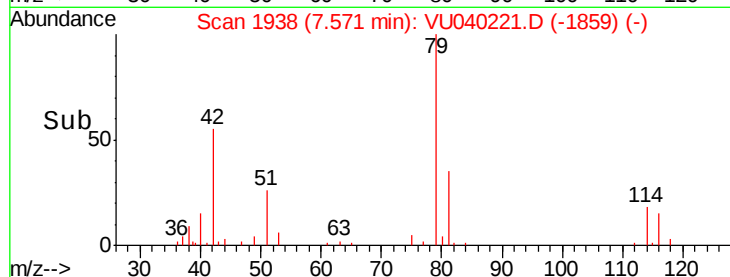
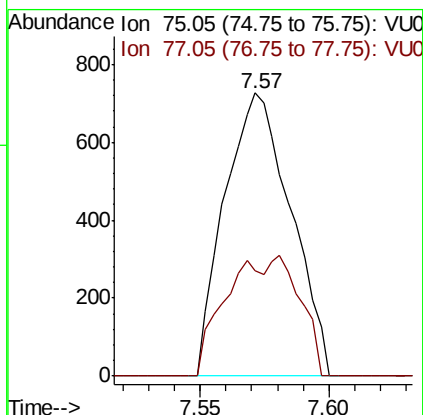
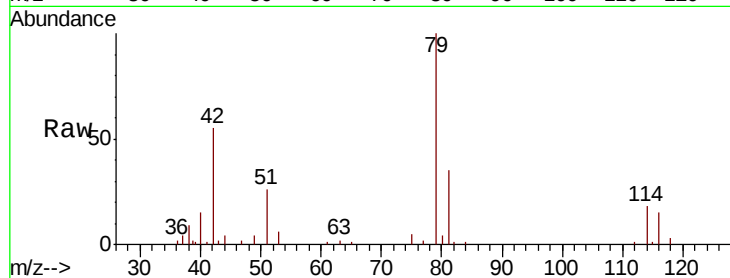


#39

cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU040221.D
Acq: 18 Sep 2020 19:08

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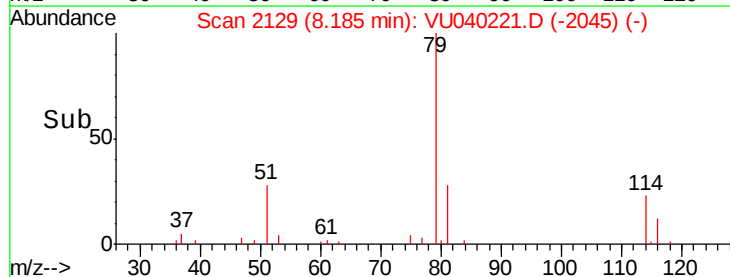
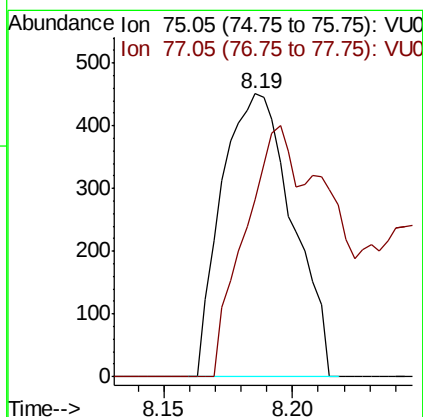
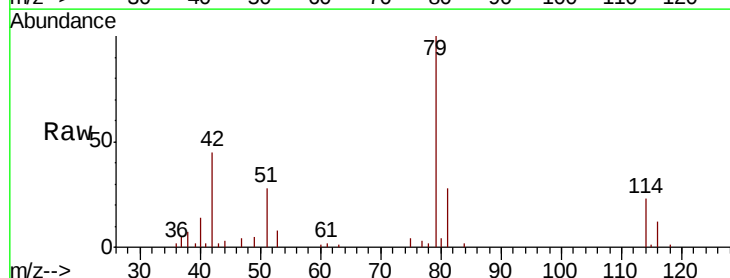
Tot Ion: 75 Resp: 1298
Ion Ratio Lower Upper
75 100
77 37.4 21.1 39.3

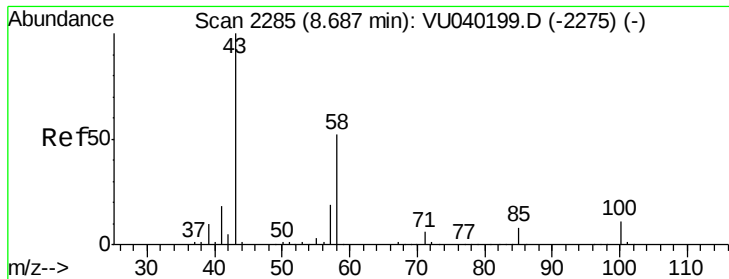


#44

trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040221.D
Acq: 18 Sep 2020 19:08

Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
77 62.5 23.9 44.3#

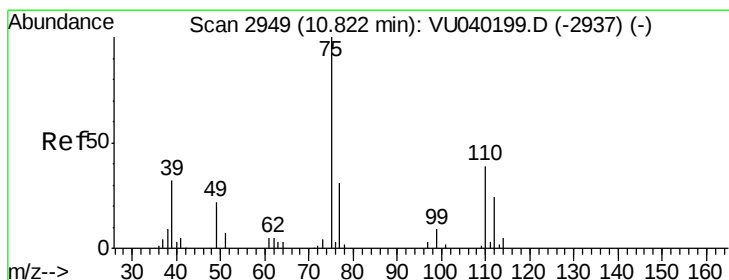
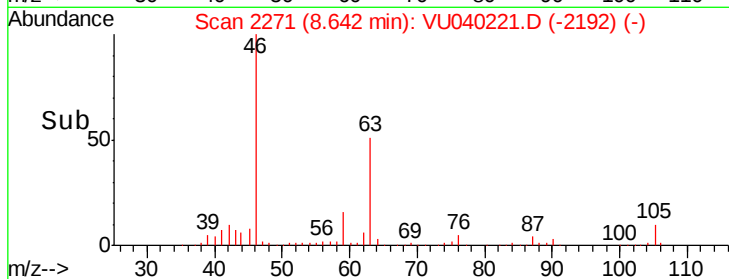
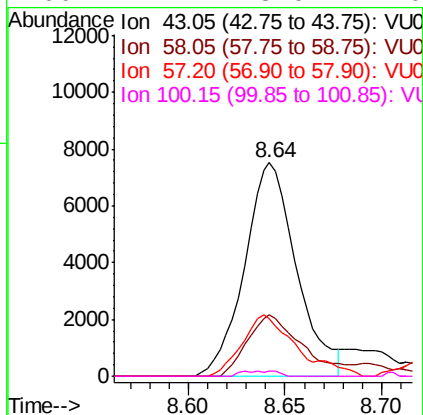
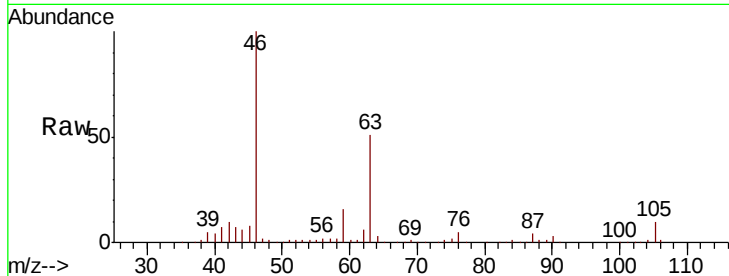




#48
 2-Hexanone
 Concen: 2.172 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040221.D
 Acq: 18 Sep 2020 19:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Tot Ion: 43 Resp: 14008
 Ion Ratio Lower Upper
 43 100
 58 30.5 39.6 59.4#
 57 30.1 14.3 21.5#
 100 1.7 8.0 12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.898 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040221.D
 Acq: 18 Sep 2020 19:08

Tgt Ion: 75 Resp: 7173
 Ion Ratio Lower Upper
 75 100
 77 35.8 24.9 37.3

