

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040213.D
 Acq On : 18 Sep 2020 16:02
 Operator : SY/MD
 Sample : L4063-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

Quant Time: Sep 18 23:23:36 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	115273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27144	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	25286	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	45551	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.66	46	133073	52.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	5.08	84	69090	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	44643	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.75	84	125033	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	41920	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	95996	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	16003	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	96448	49.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38478	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40816	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

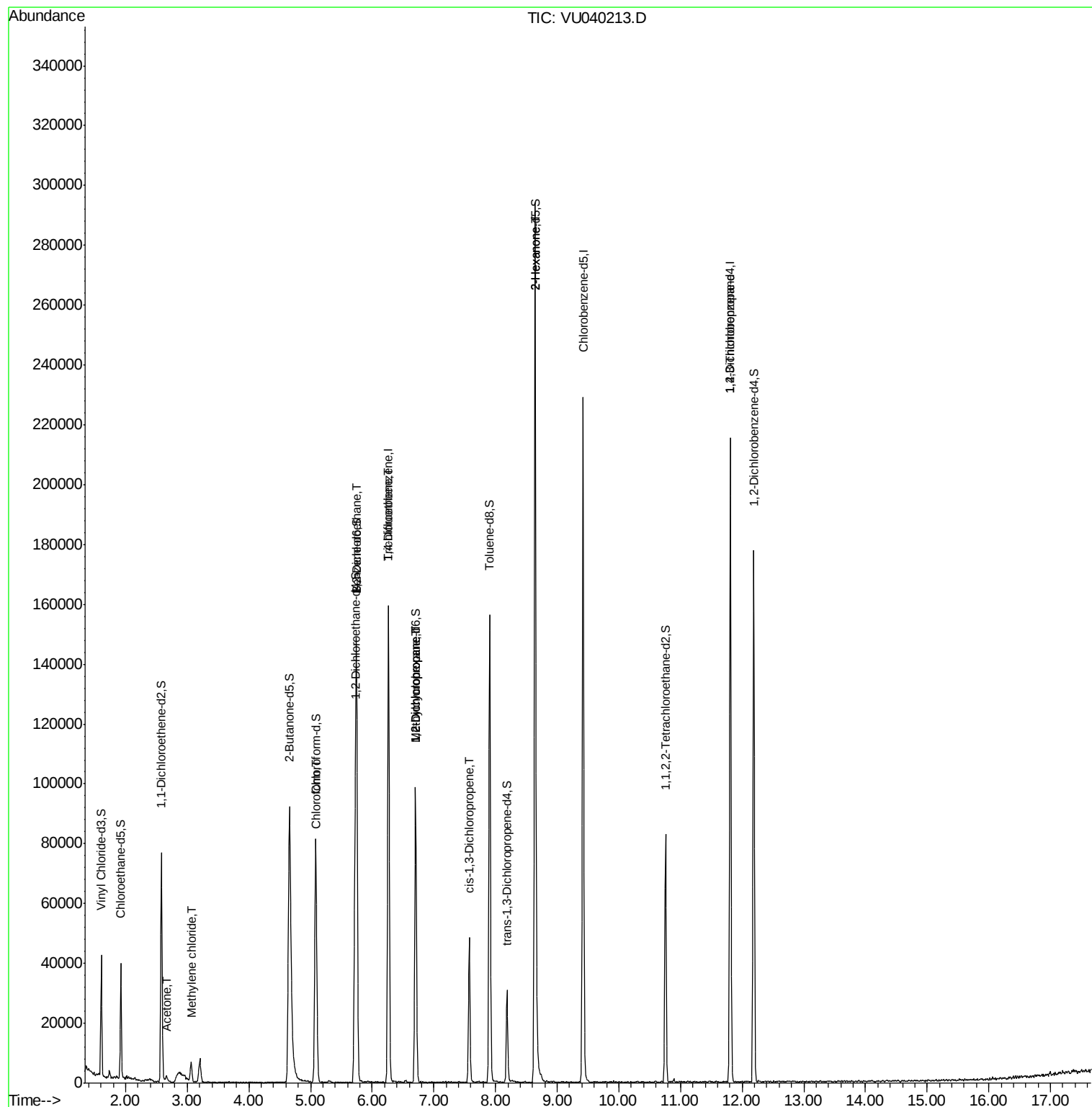
					Ovalue
13) Acetone	2.66	43	3545	1.521 ug/L	83
16) Methylene chloride	3.07	84	2677	0.229 ug/L	85
25) Chloroform	5.10	83	1294	0.064 ug/L	92
27) 1,2-Dichloroethane	5.74	62	634	0.043 ug/L #	78
34) Trichloroethene	6.27	95	2354	0.211 ug/L #	9
35) Methylcyclohexane	6.70	83	10601	0.622 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4938	0.439 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1447	0.087 ug/L #	17
48) 2-Hexanone	8.64	43	13839	2.057 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7594	0.912 ug/L #	88

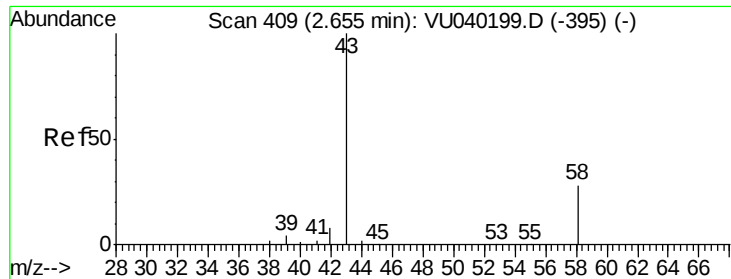
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.521 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040213.D

Acq: 18 Sep 2020 16:02

Instrument :

MSVOA_U

ClientSampleId :

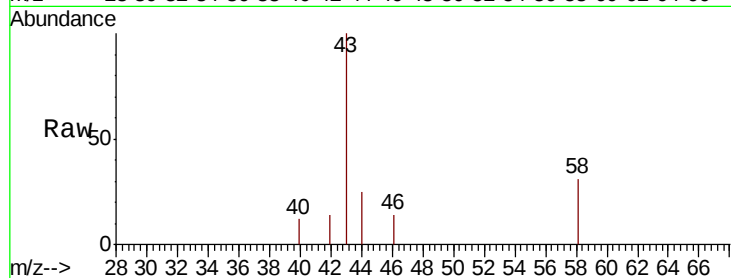
C0AK3

Tot Ion: 43 Resp: 3545

Ion Ratio Lower Upper

43 100

58 18.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040213.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU040213.D (-410) (-)

2.66

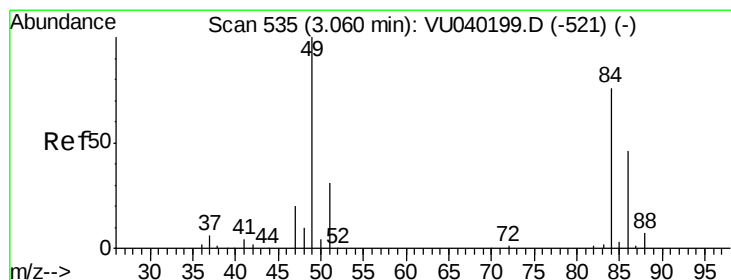
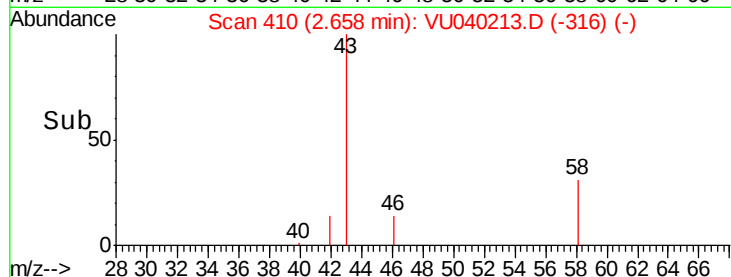
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 0.229 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040213.D

Acq: 18 Sep 2020 16:02

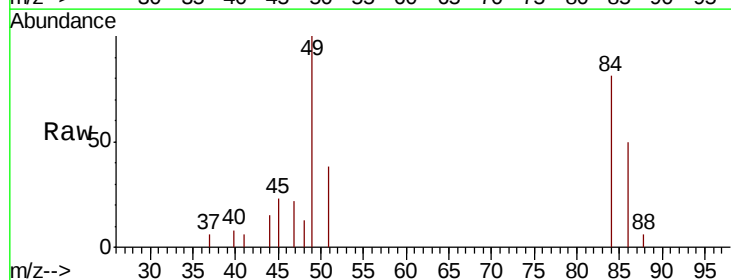
Tgt Ion: 84 Resp: 2677

Ion Ratio Lower Upper

84 100

86 61.9 45.2 84.0

49 123.6 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040213.D (-537) (-)

Ion 86.00 (85.70 to 86.70): VU040213.D (-537) (-)

Ion 49.10 (48.80 to 49.80): VU040213.D (-537) (-)

2500

2000

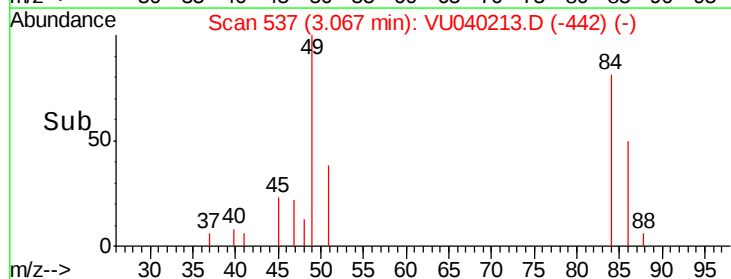
1500

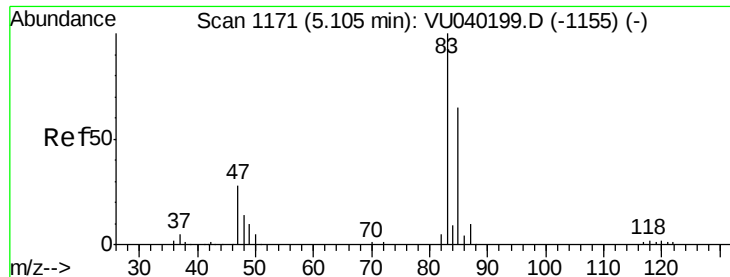
1000

500

0

Time-->

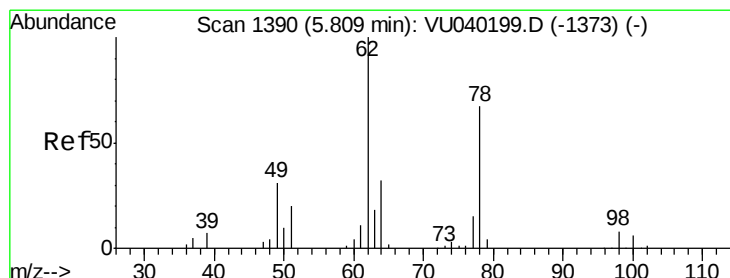
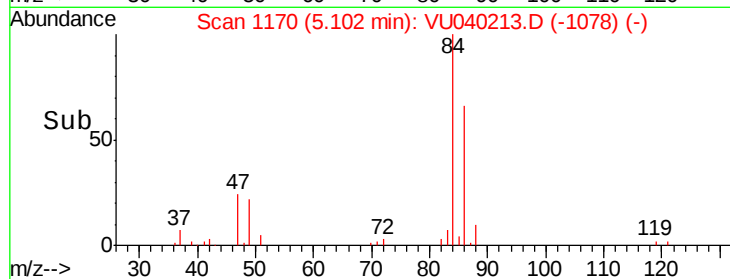
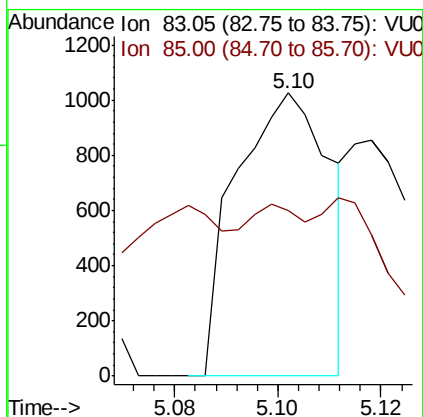
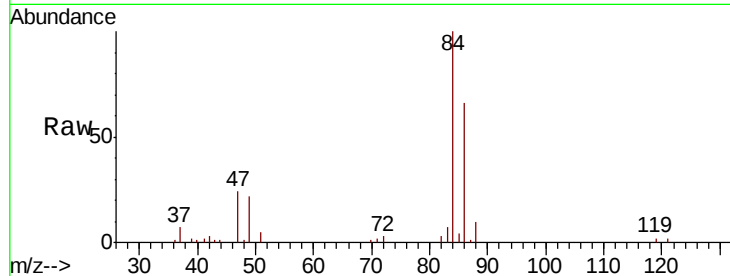




#25
Chloroform
Concen: 0.064 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040213.D
Acq: 18 Sep 2020 16:02

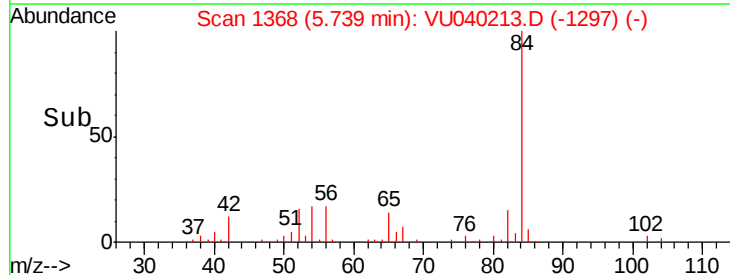
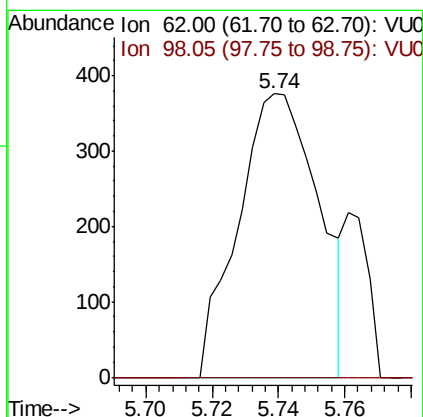
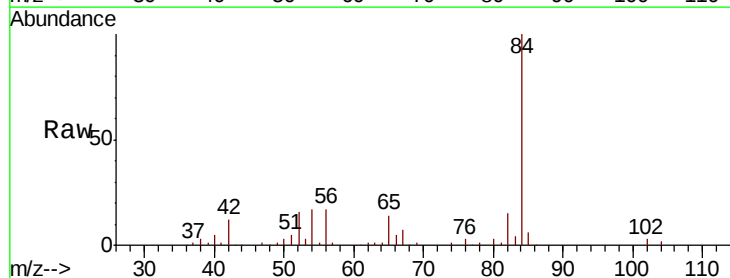
Instrument :
MSVOA_U
ClientSampled :
C0AK3

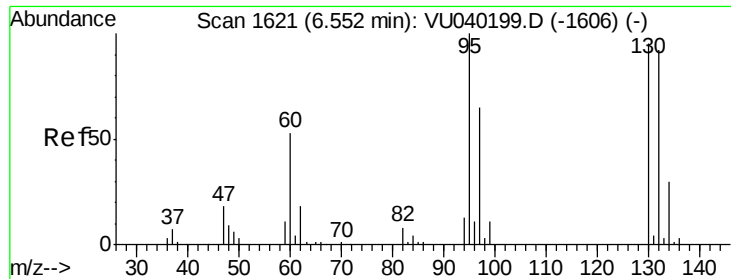
Tot Ion: 83 Resp: 1294
Ion Ratio Lower Upper
83 100
85 58.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040213.D
Acq: 18 Sep 2020 16:02

Tgt Ion: 62 Resp: 634
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#34

Trichloroethene

Concen: 0.211 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040213.D

Acq: 18 Sep 2020 16:02

Instrument :

MSVOA_U

ClientSampleId :

C0AK3

Tot Ion: 95 Resp: 2354

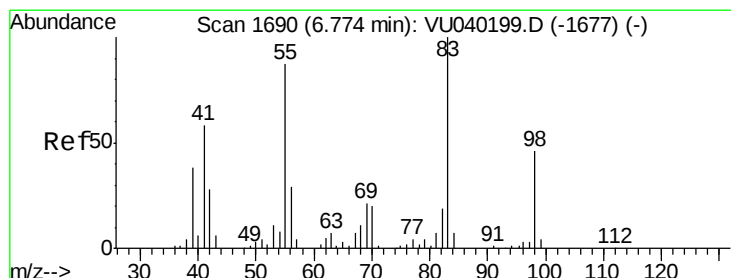
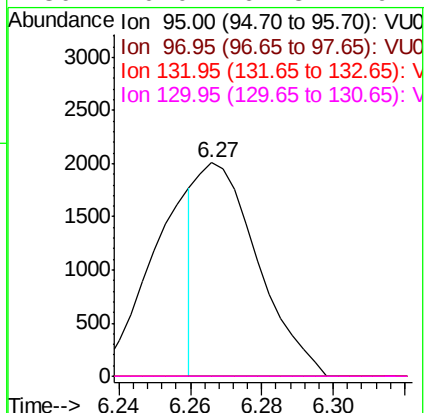
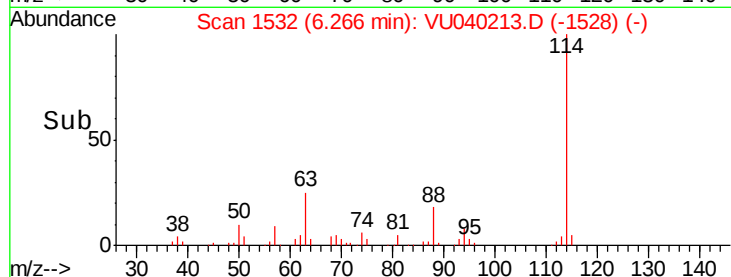
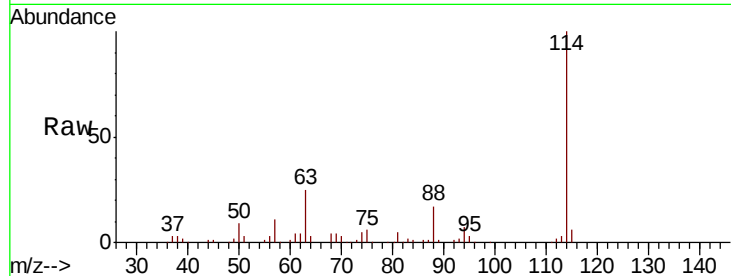
Ion Ratio Lower Upper

95 100

97 0.0 43.3 80.5#

132 0.0 59.4 110.4#

130 0.0 64.8 120.4#



#35

Methylcyclohexane

Concen: 0.622 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040213.D

Acq: 18 Sep 2020 16:02

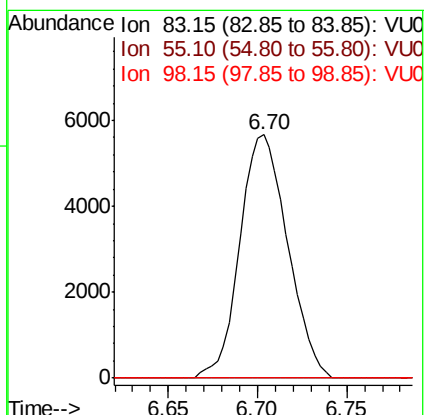
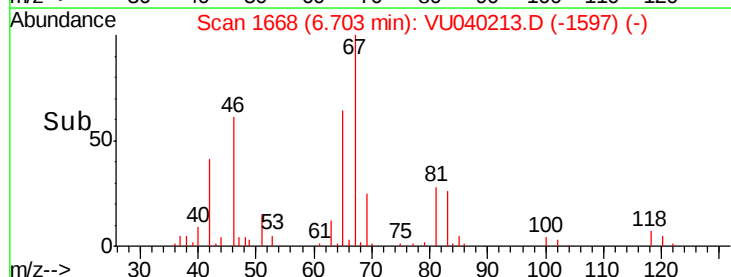
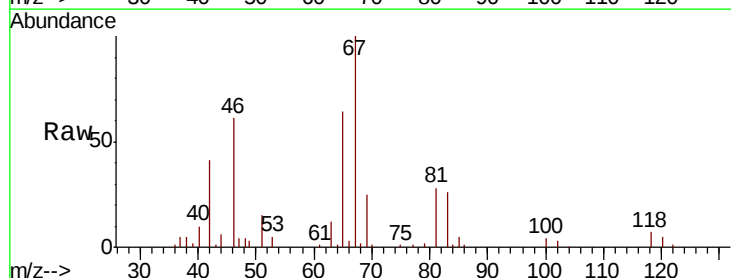
Tgt Ion: 83 Resp: 10601

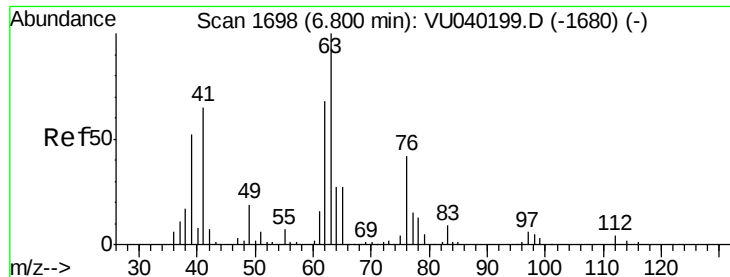
Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.0 37.8 56.6#

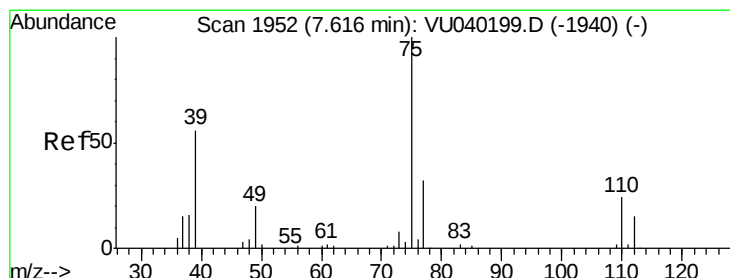
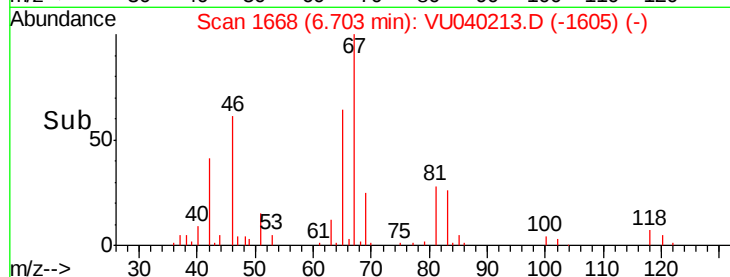
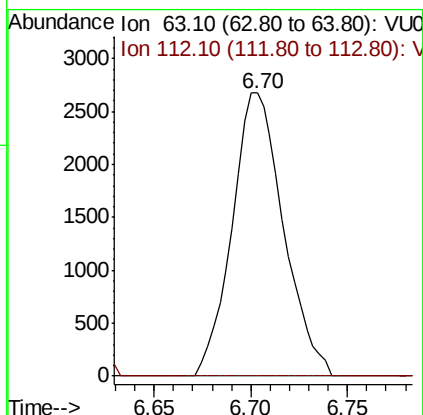
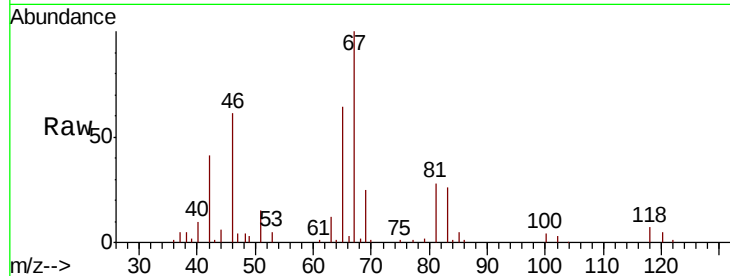




#37
 1,2-Dichloropropane
 Concen: 0.439 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040213.D
 Acq: 18 Sep 2020 16:02

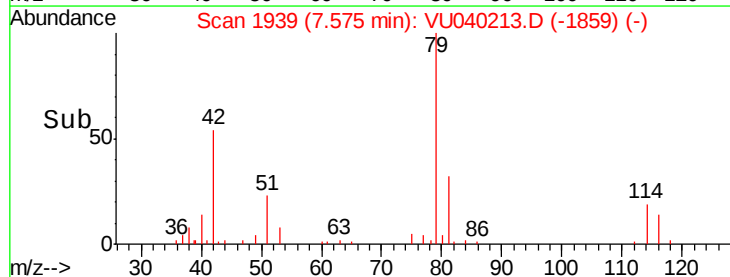
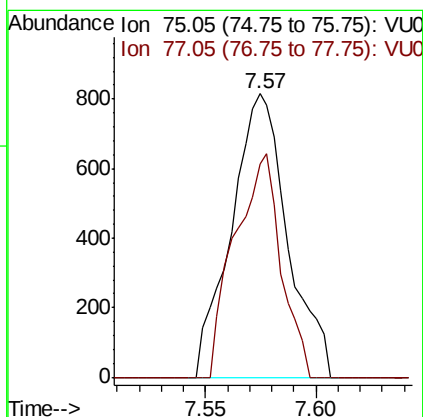
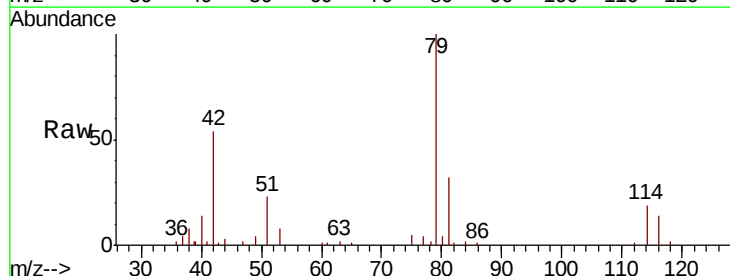
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

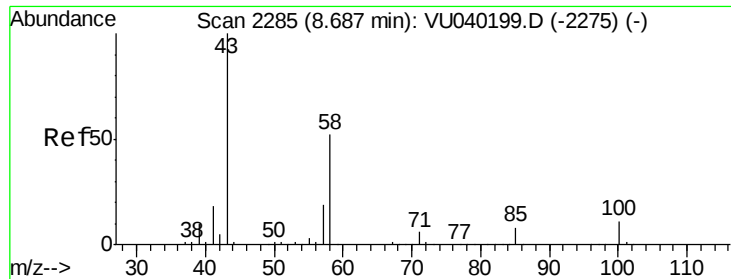
Tot Ion: 63 Resp: 4938
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040213.D
 Acq: 18 Sep 2020 16:02

Tgt Ion: 75 Resp: 1447
 Ion Ratio Lower Upper
 75 100
 77 75.5 21.1 39.3#

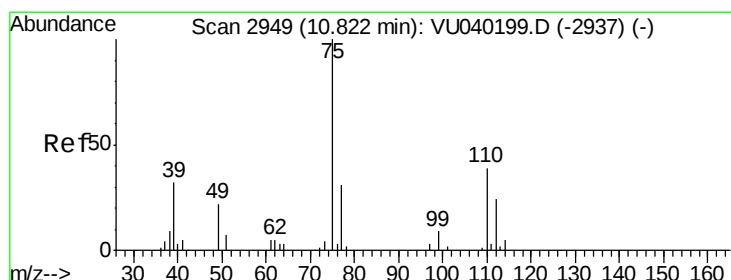
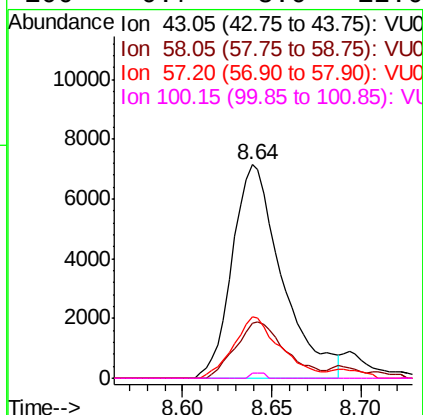
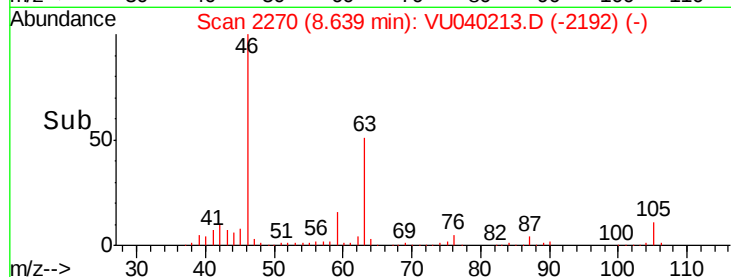
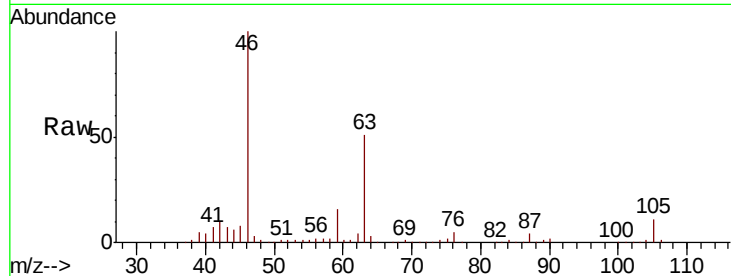




#48
2-Hexanone
Concen: 2.057 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040213.D
Acq: 18 Sep 2020 16:02

Instrument :
MSVOA_U
ClientSampled :
C0AK3

Tot Ion: 43 Resp: 13839
Ion Ratio Lower Upper
43 100
58 26.3 39.6 59.4#
57 27.1 14.3 21.5#
100 0.7 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040213.D
Acq: 18 Sep 2020 16:02

Tgt Ion: 75 Resp: 7594
Ion Ratio Lower Upper
75 100
77 37.6 24.9 37.3#

