

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040218.D
 Acq On : 18 Sep 2020 17:58
 Operator : SY/MD
 Sample : L4078-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7

Quant Time: Sep 18 23:24:17 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	113765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112633	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27319	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	25182	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	46193	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	119542	48.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	5.08	84	67919	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	41799	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.75	84	121469	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	41725	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	91310	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	15801	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	84776	44.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36000	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37813	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

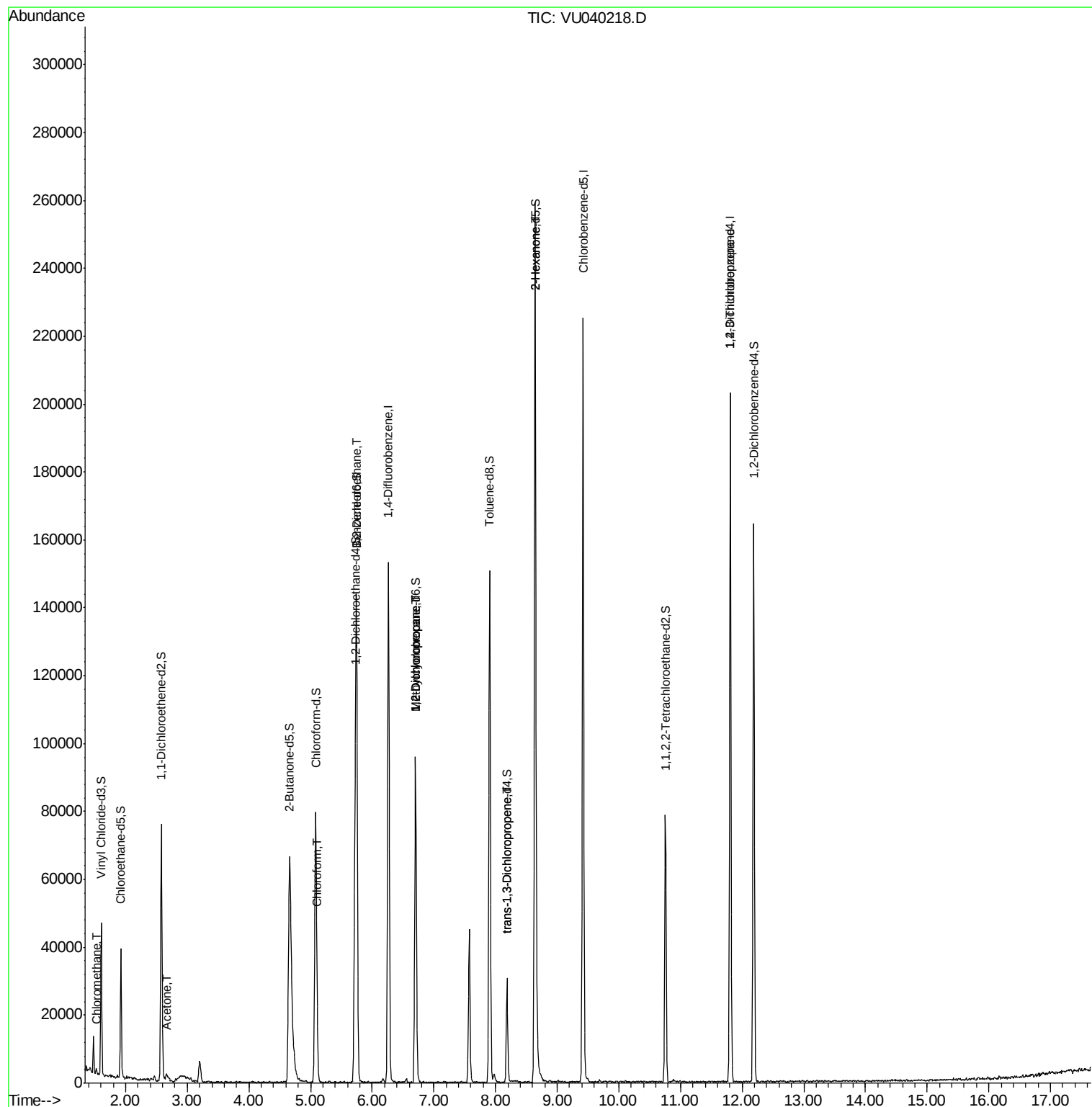
					Ovalue
3) Chloromethane	1.53	50	845	0.078 ug/L	90
13) Acetone	2.67	43	4260	1.852 ug/L	82
25) Chloroform	5.11	83	3699	0.185 ug/L	93
27) 1,2-Dichloroethane	5.74	62	705	0.048 ug/L #	78
35) Methylcyclohexane	6.70	83	9616	0.581 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5317	0.487 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	838	0.056 ug/L	100
48) 2-Hexanone	8.65	43	11899	1.822 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	7115	0.880 ug/L	90

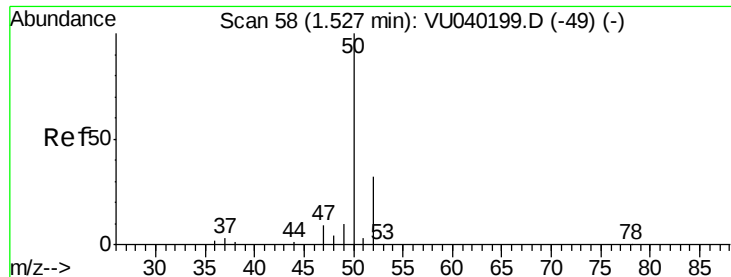
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.078 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040218.D

Acq: 18 Sep 2020 17:58

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MSVOA_U

ClientSampleId :

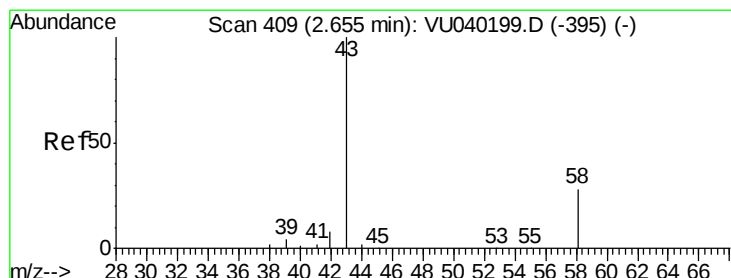
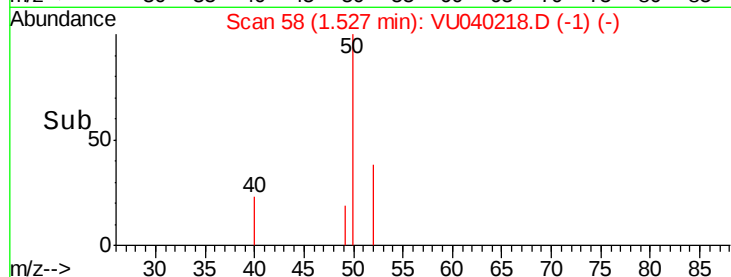
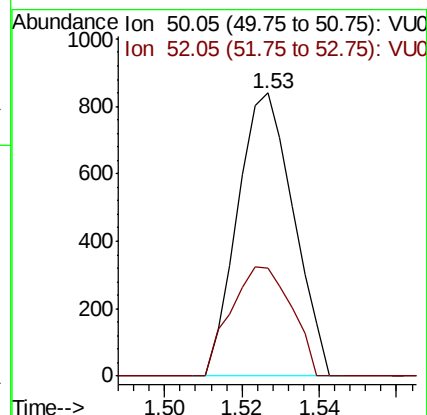
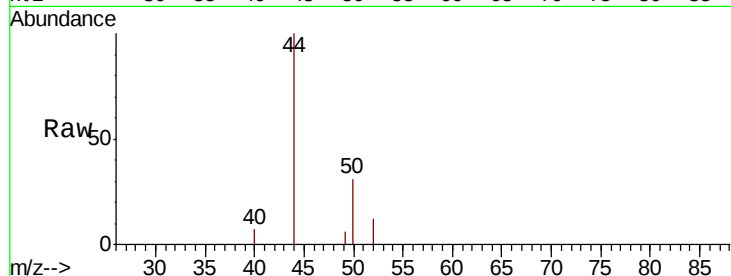
C0AK7

Tot Ion: 50 Resp: 845

Ion Ratio Lower Upper

50 100

52 38.0 22.8 42.4



#13

Acetone

Concen: 1.852 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040218.D

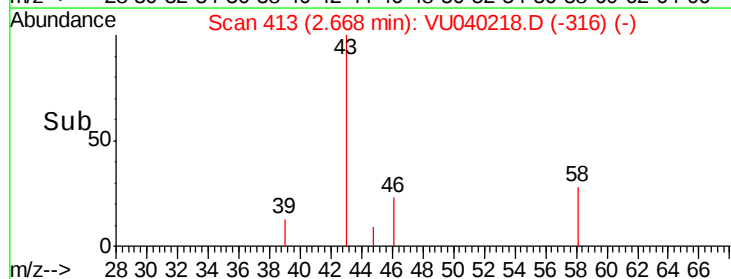
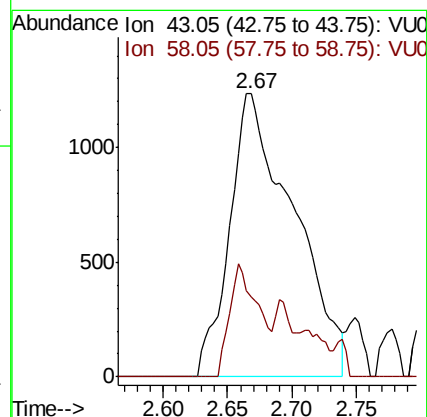
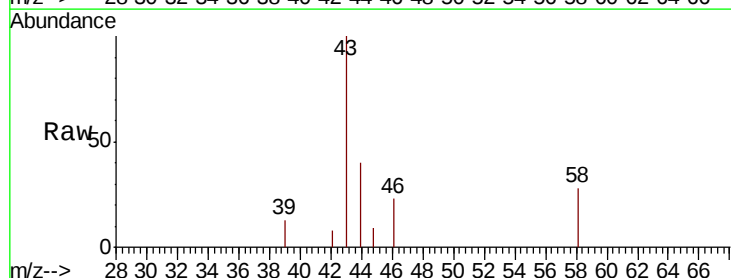
Acq: 18 Sep 2020 17:58

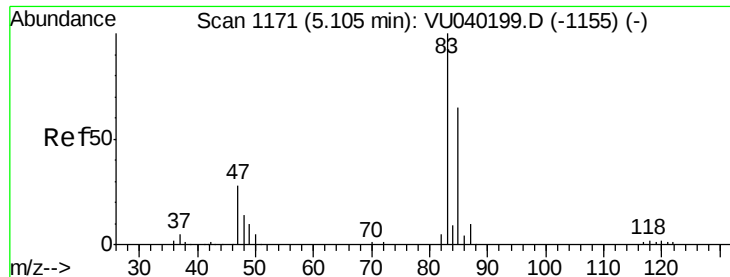
Tgt Ion: 43 Resp: 4260

Ion Ratio Lower Upper

43 100

58 18.1 0.0 55.4

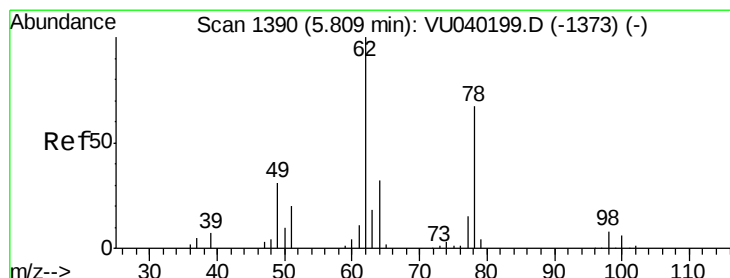
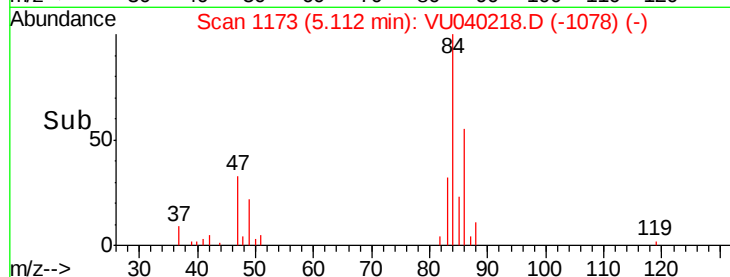
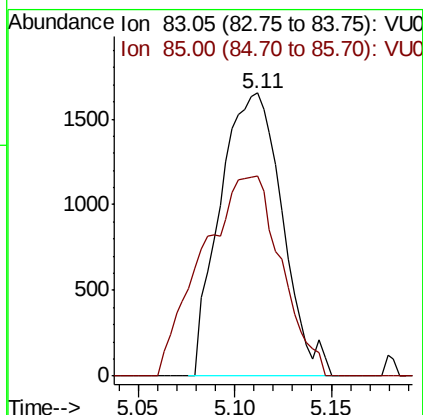
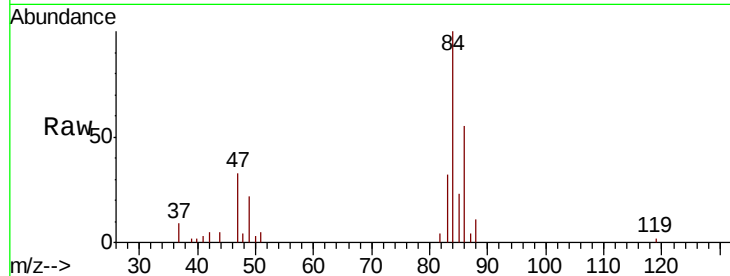




#25
Chloroform
Concen: 0.185 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040218.D
Acq: 18 Sep 2020 17:58

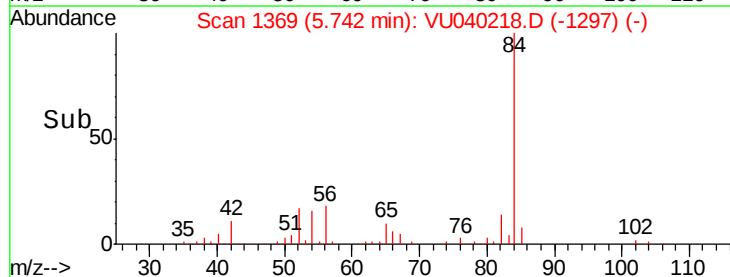
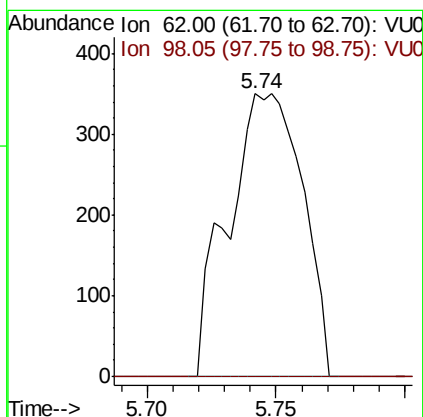
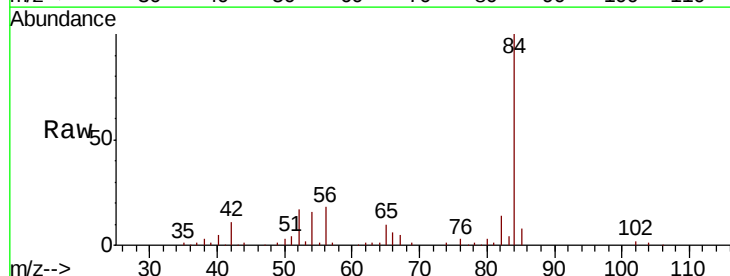
Instrument :
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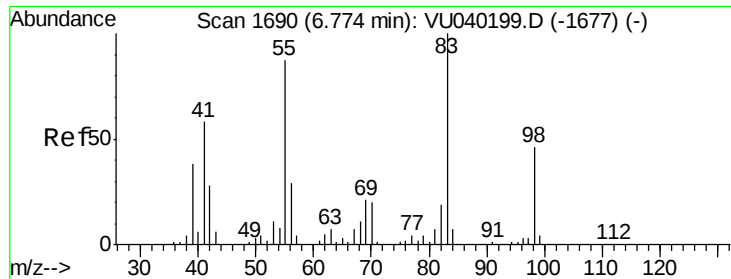
Tot Ion: 83 Resp: 3699
Ion Ratio Lower Upper
83 100
85 70.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040218.D
Acq: 18 Sep 2020 17:58

Tgt Ion: 62 Resp: 705
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

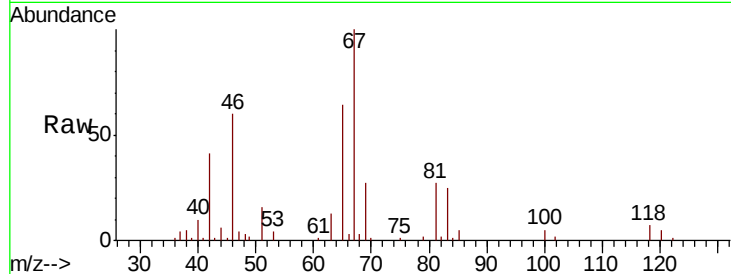




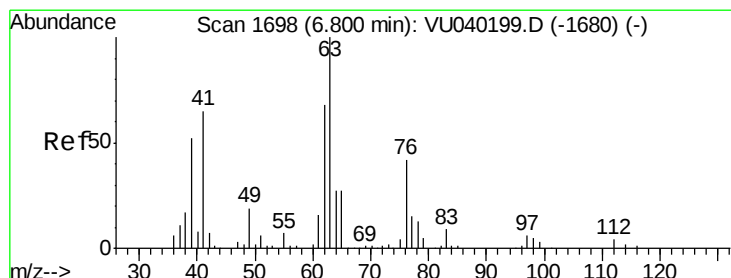
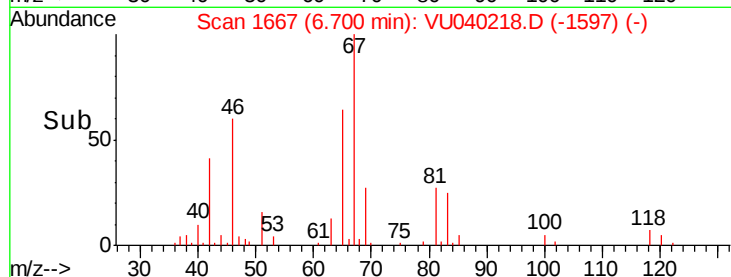
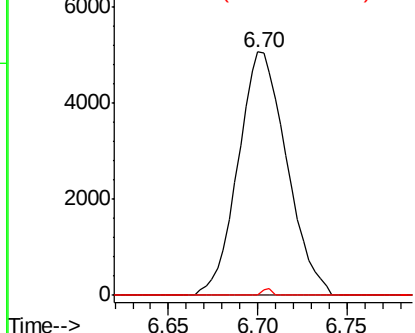
#35
Methvlcvclohexane
Concen: 0.581 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040218.D
Acq: 18 Sep 2020 17:58

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Tot Ion: 83 Resp: 9616
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

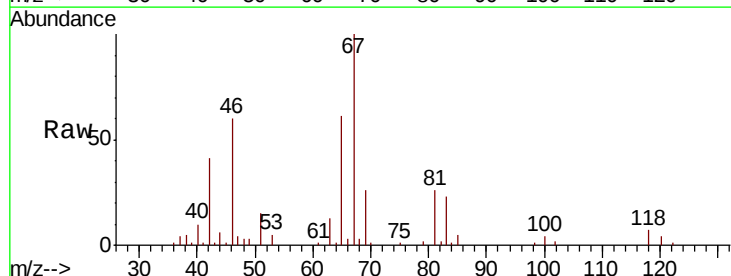


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

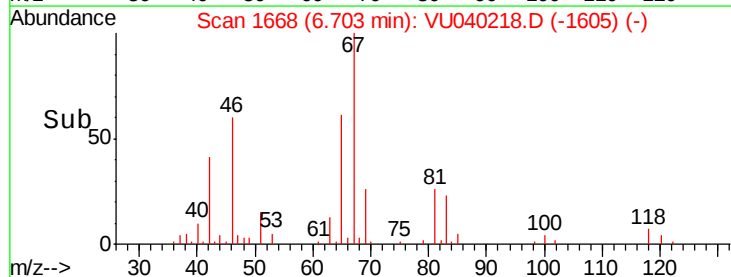
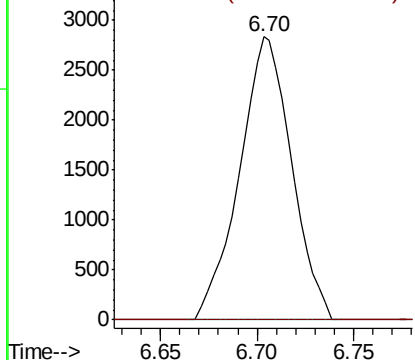


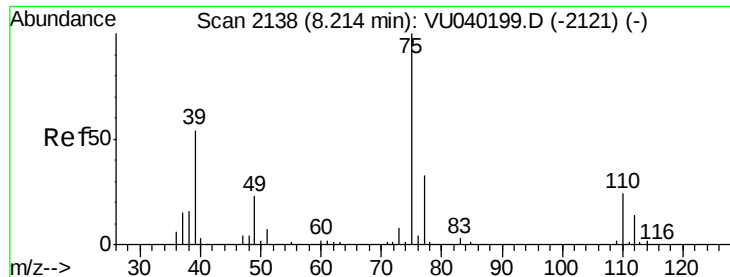
#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040218.D
Acq: 18 Sep 2020 17:58

Tgt Ion: 63 Resp: 5317
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





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040218.D

Acq: 18 Sep 2020 17:58

Instrument :

MSVOA_U

ClientSampleId :

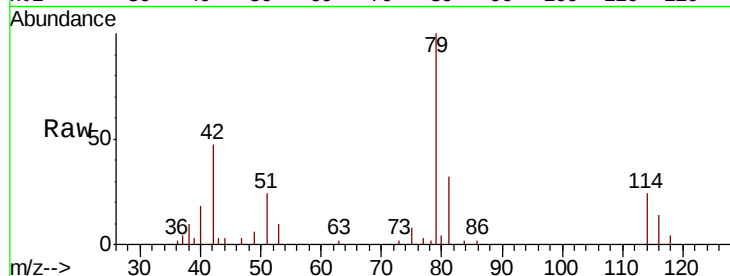
C0AK7

Tot Ion: 75 Resp: 838

Ion Ratio Lower Upper

75 100

77 34.1 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

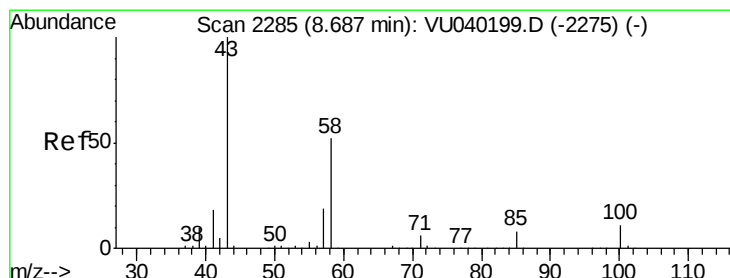
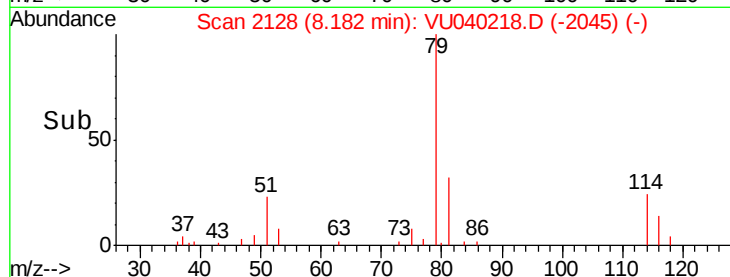
600

400

200

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 1.822 ug/L

RT: 8.65 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VU040218.D

Acq: 18 Sep 2020 17:58

Tgt Ion: 43 Resp: 11899

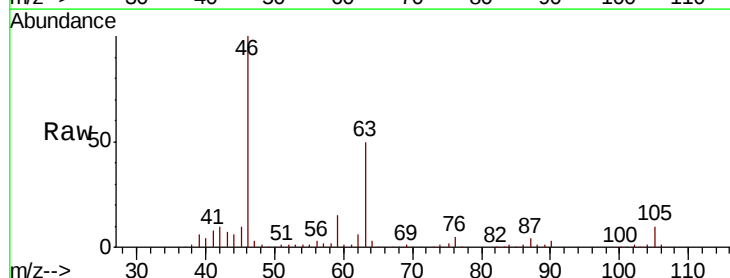
Ion Ratio Lower Upper

43 100

58 30.2 39.6 59.4#

57 31.7 14.3 21.5#

100 1.5 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

8000

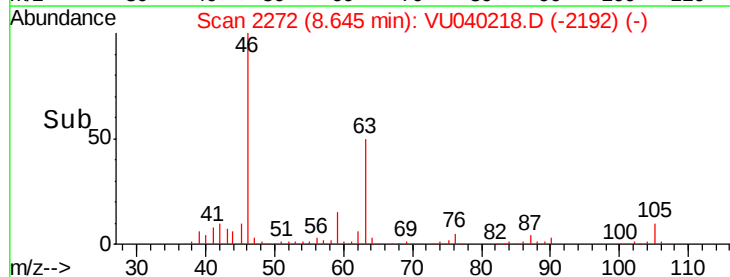
6000

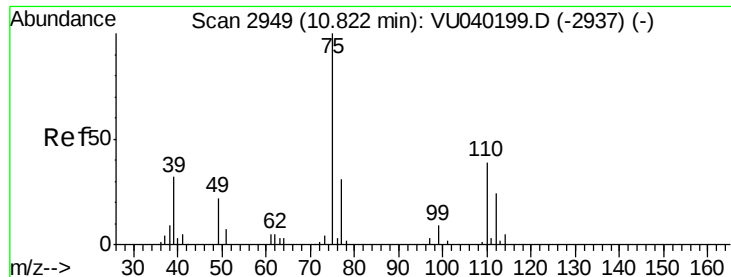
4000

2000

0

Time--> 8.60 8.65





#59

1,2,3-Trichloropropane

Concen: 0.880 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040218.D

Acq: 18 Sep 2020 17:58

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 7115

Ion Ratio Lower Upper

75 100

77 36.5 24.9 37.3

