

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039378.D
 Acq On : 09 Jul 2020 04:16
 Operator : SY/MD
 Sample : L3244-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A98

Quant Time: Jul 09 05:54:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	95676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28094	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.93	69	30539	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	43155	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.65	46	147344	58.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.14%
24) Chloroform-d	5.09	84	64796	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.72	65	43263	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.75	84	128850	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.71	67	43225	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.91	98	110635	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
43) trans-1,3-Dichloropropene-	8.19	79	17600	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.64	63	109971	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41204	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45456	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

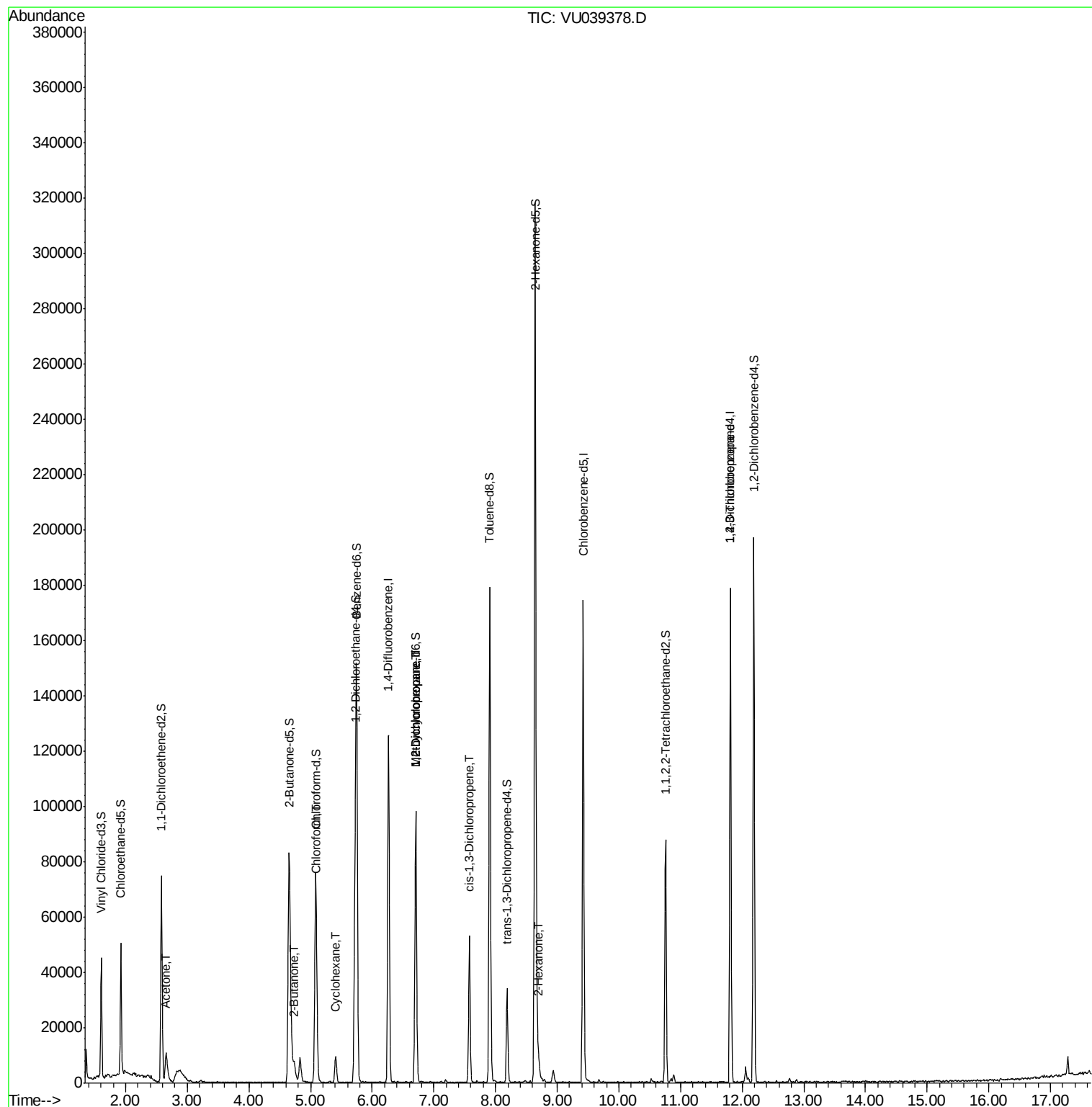
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	18502	13.510	ug/L	100
21) 2-Butanone	4.74	43	8984	3.675	ug/L	75
25) Chloroform	5.11	83	3994	0.321	ug/L	94
30) Cyclohexane	5.41	56	4879	0.439	ug/L	96
35) Methylcyclohexane	6.70	83	10193	0.919	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5322	0.729	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1628	0.148	ug/L	99
48) 2-Hexanone	8.70	43	5755	1.282	ug/L #	46
59) 1,2,3-Trichloropropane	11.81	75	6603	1.228	ug/L	90

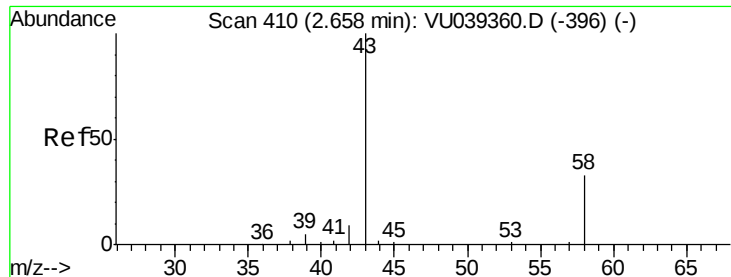
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.510 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039378.D

Acq: 09 Jul 2020 04:16

Instrument :

MSVOA_U

ClientSampleId :

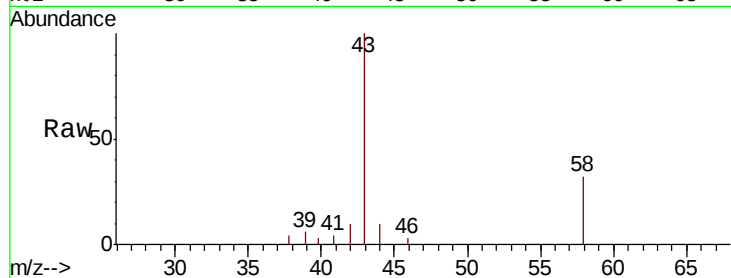
F4A98

Tot Ion: 43 Resp: 18502

Ion Ratio Lower Upper

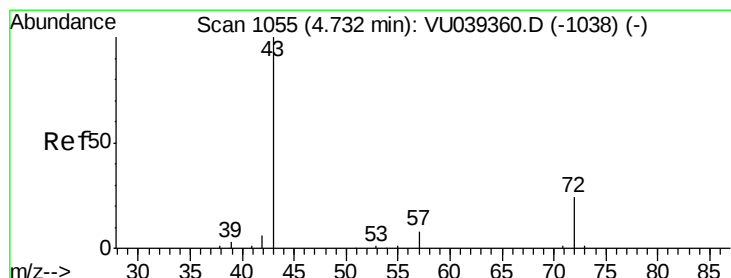
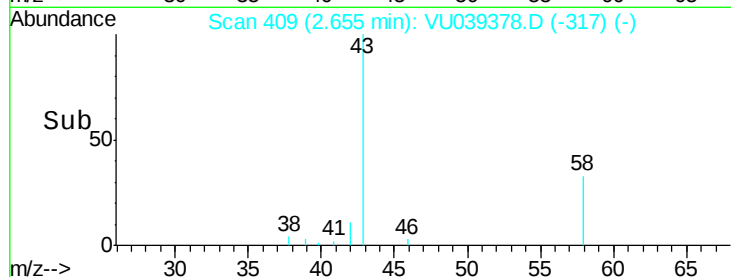
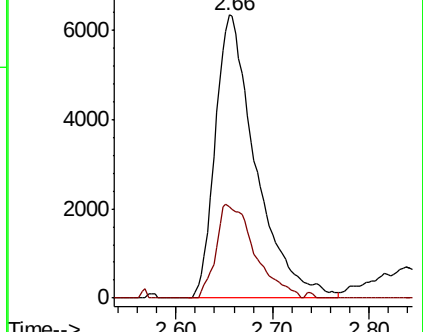
43 100

58 31.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039378.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039378.D (-317) (-)



#21

2-Butanone

Concen: 3.675 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039378.D

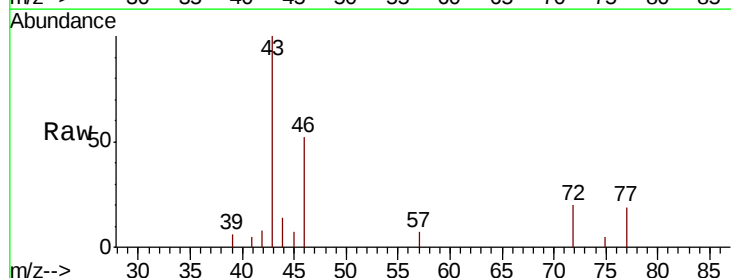
Acq: 09 Jul 2020 04:16

Tgt Ion: 43 Resp: 8984

Ion Ratio Lower Upper

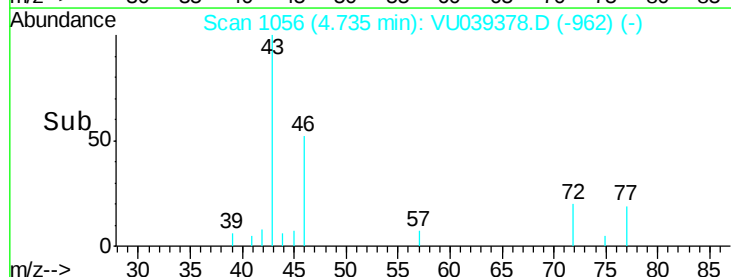
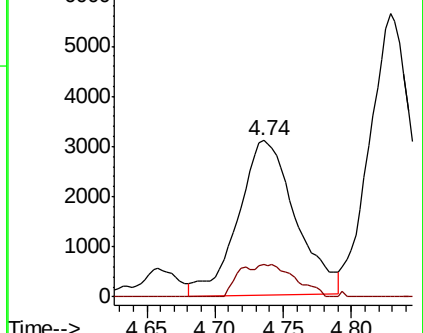
43 100

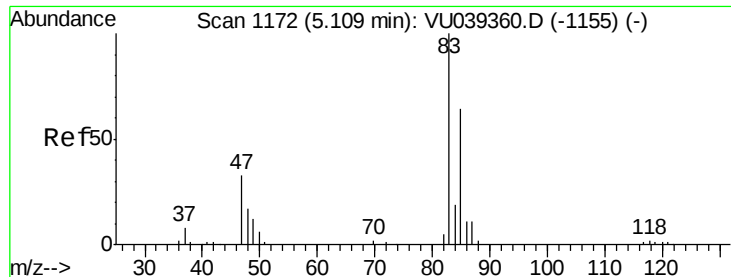
72 13.5 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039378.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU039378.D (-962) (-)

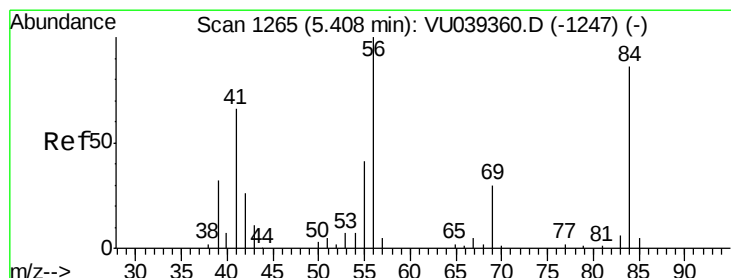
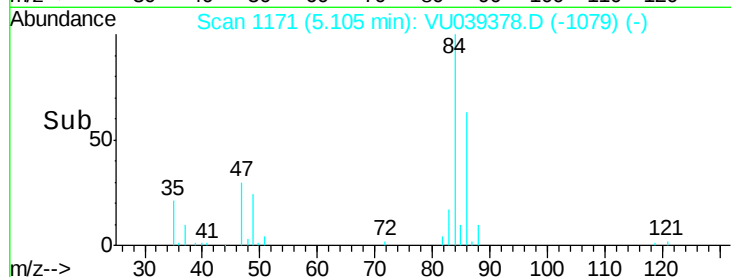
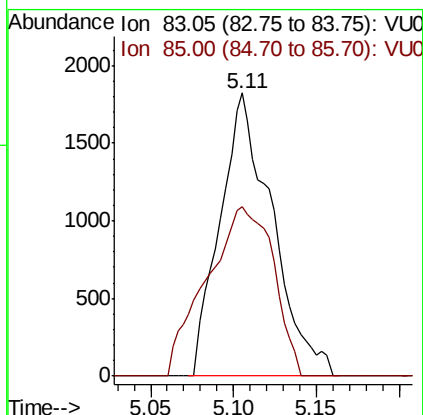
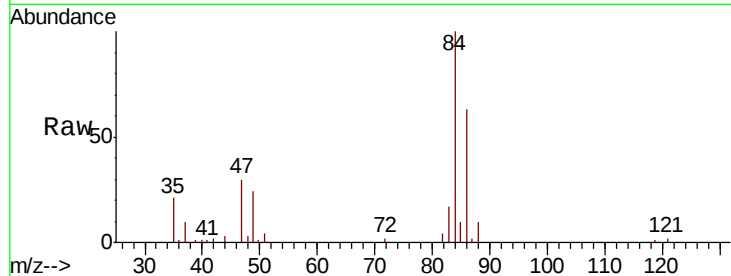




#25
Chloroform
Concen: 0.321 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039378.D
Acq: 09 Jul 2020 04:16

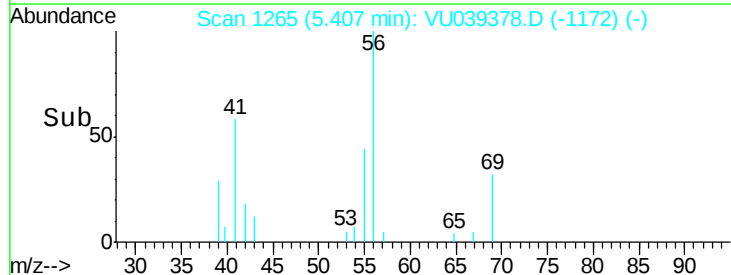
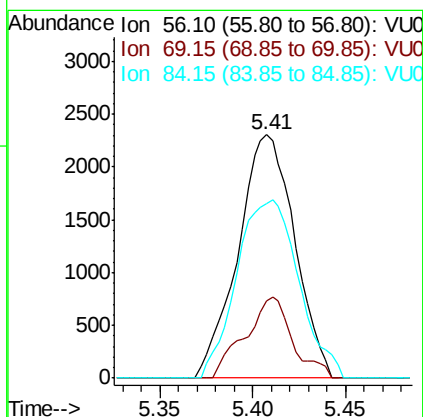
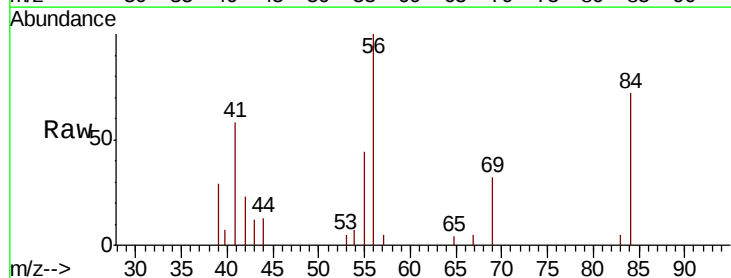
Instrument :
MSVOA_U
ClientSampleId :
F4A98

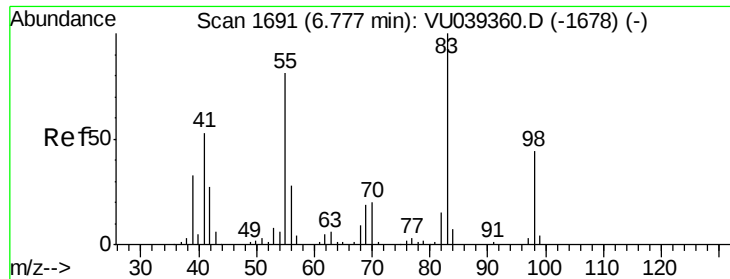
Tot Ion: 83 Resp: 3994
Ion Ratio Lower Upper
83 100
85 59.8 44.9 83.5



#30
Cyclohexane
Concen: 0.439 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU039378.D
Acq: 09 Jul 2020 04:16

Tgt Ion: 56 Resp: 4879
Ion Ratio Lower Upper
56 100
69 28.0 24.1 36.1
84 80.3 67.0 100.6

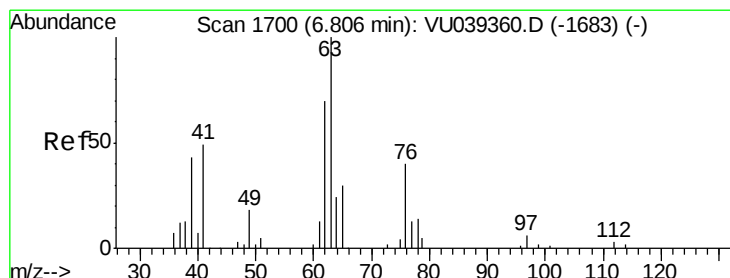
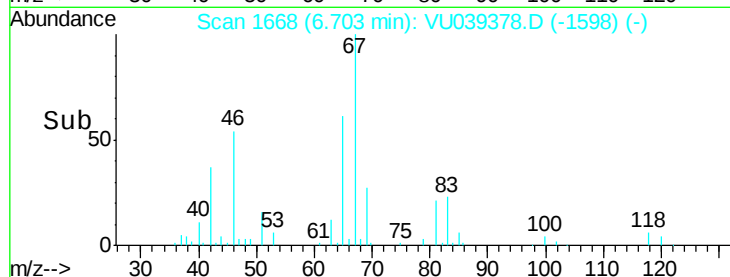
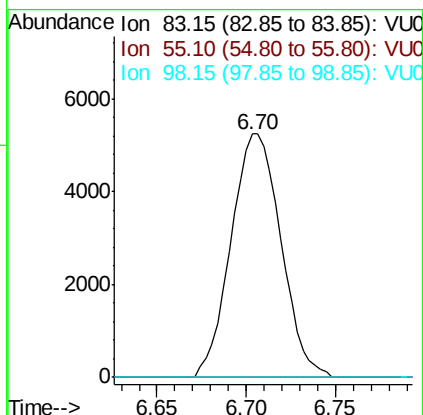
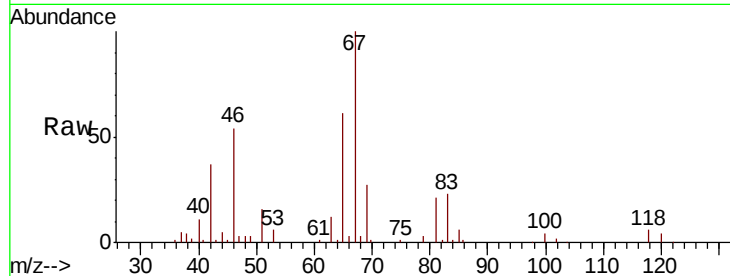




#35
Methylcyclohexane
Concen: 0.919 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039378.D
Acq: 09 Jul 2020 04:16

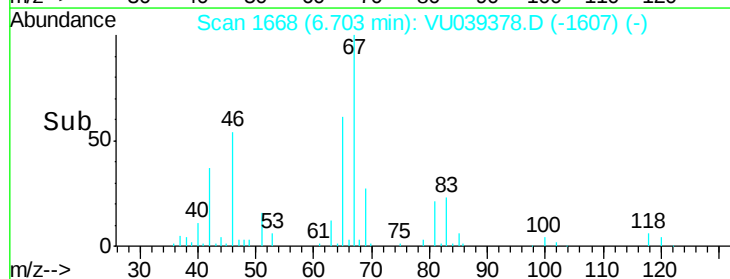
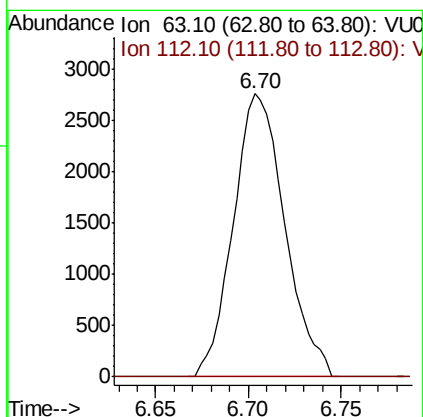
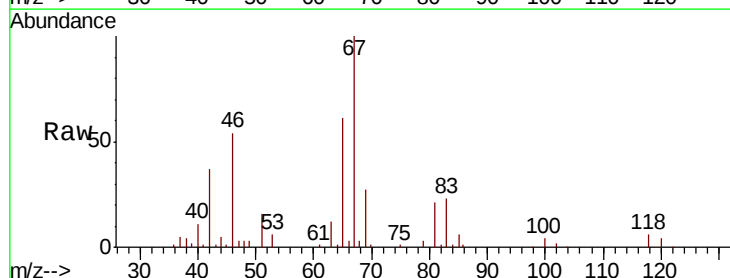
Instrument :
MSVOA_U
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F4A98

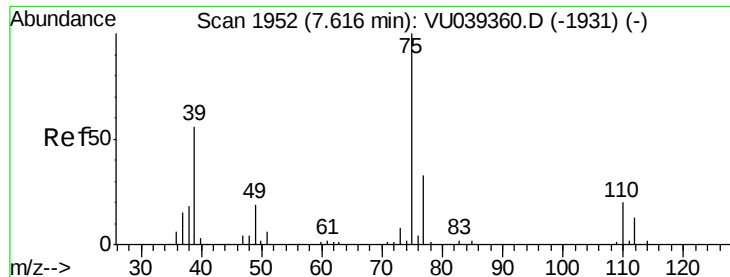
Tot Ion: 83 Resp: 10193
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039378.D
Acq: 09 Jul 2020 04:16

Tgt Ion: 63 Resp: 5322
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

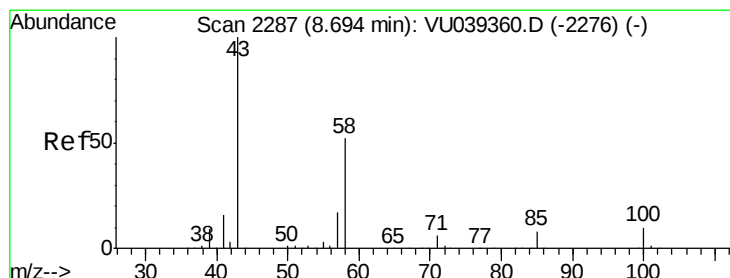
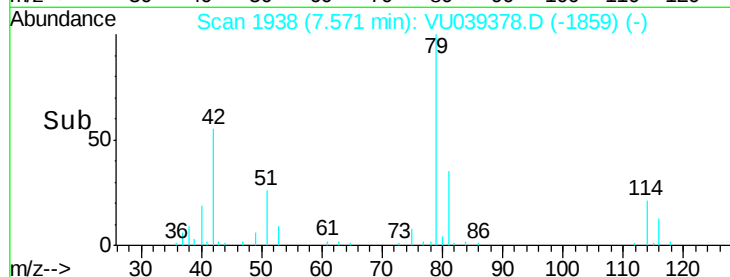
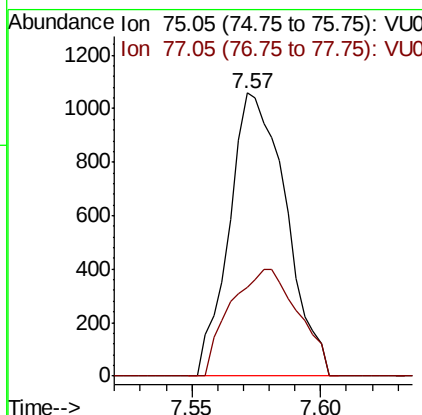
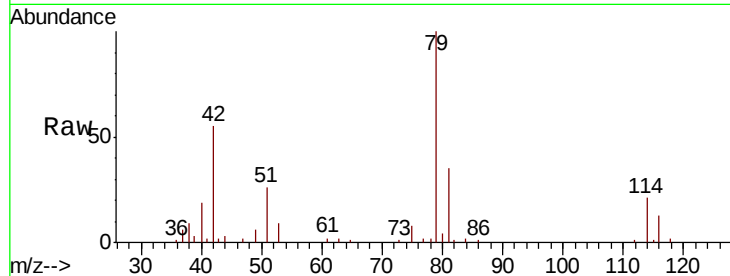




#39
 cis-1,3-Dichloropropene
 Concen: 0.148 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039378.D
 Acq: 09 Jul 2020 04:16

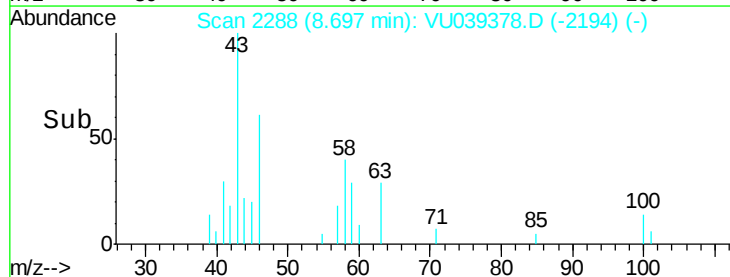
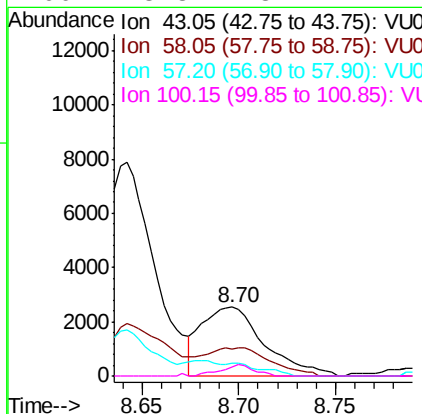
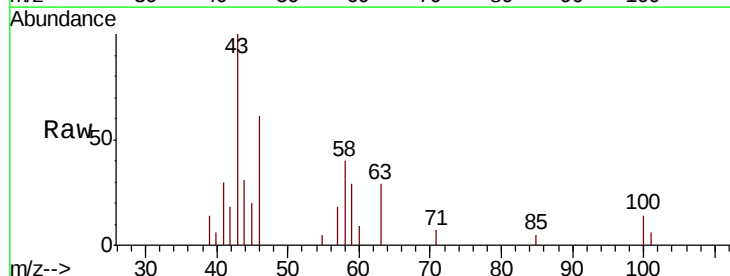
Instrument :
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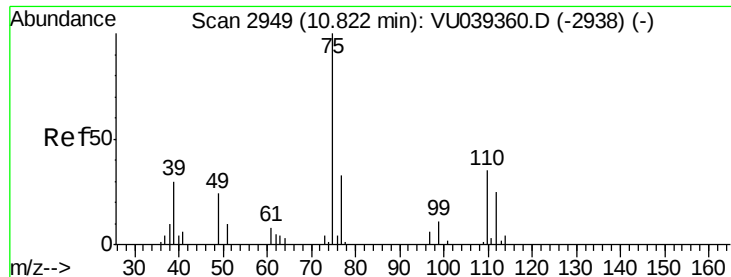
Tot Ion: 75 Resp: 1628
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.3 41.3



#48
 2-Hexanone
 Concen: 1.282 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU039378.D
 Acq: 09 Jul 2020 04:16

Tgt Ion: 43 Resp: 5755
 Ion Ratio Lower Upper
 43 100
 58 4.4 42.0 63.0#
 57 0.0 14.0 21.0#
 100 8.8 8.2 12.2





#59

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039378.D

Acq: 09 Jul 2020 04:16

Instrument :

MSVOA_U

ClientSampleId :

F4A98

Tot Ion: 75 Resp: 6603

Ion Ratio Lower Upper

75 100

77 39.5 26.8 40.2

