

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039376.D
 Acq On : 09 Jul 2020 03:30
 Operator : SY/MD
 Sample : L3243-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A95

Quant Time: Jul 09 05:54:25 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	98189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27988	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.92	69	31861	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.58	63	44594	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.65	46	154261	59.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.48%
24) Chloroform-d	5.08	84	66293	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.72	65	43773	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.75	84	133934	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	6.70	67	47239	6.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.40%
41) Toluene-d8	7.91	98	116554	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
43) trans-1,3-Dichloropropene-	8.19	79	18837	5.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.60%
46) 2-Hexanone-d5	8.64	63	110369	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42436	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46781	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

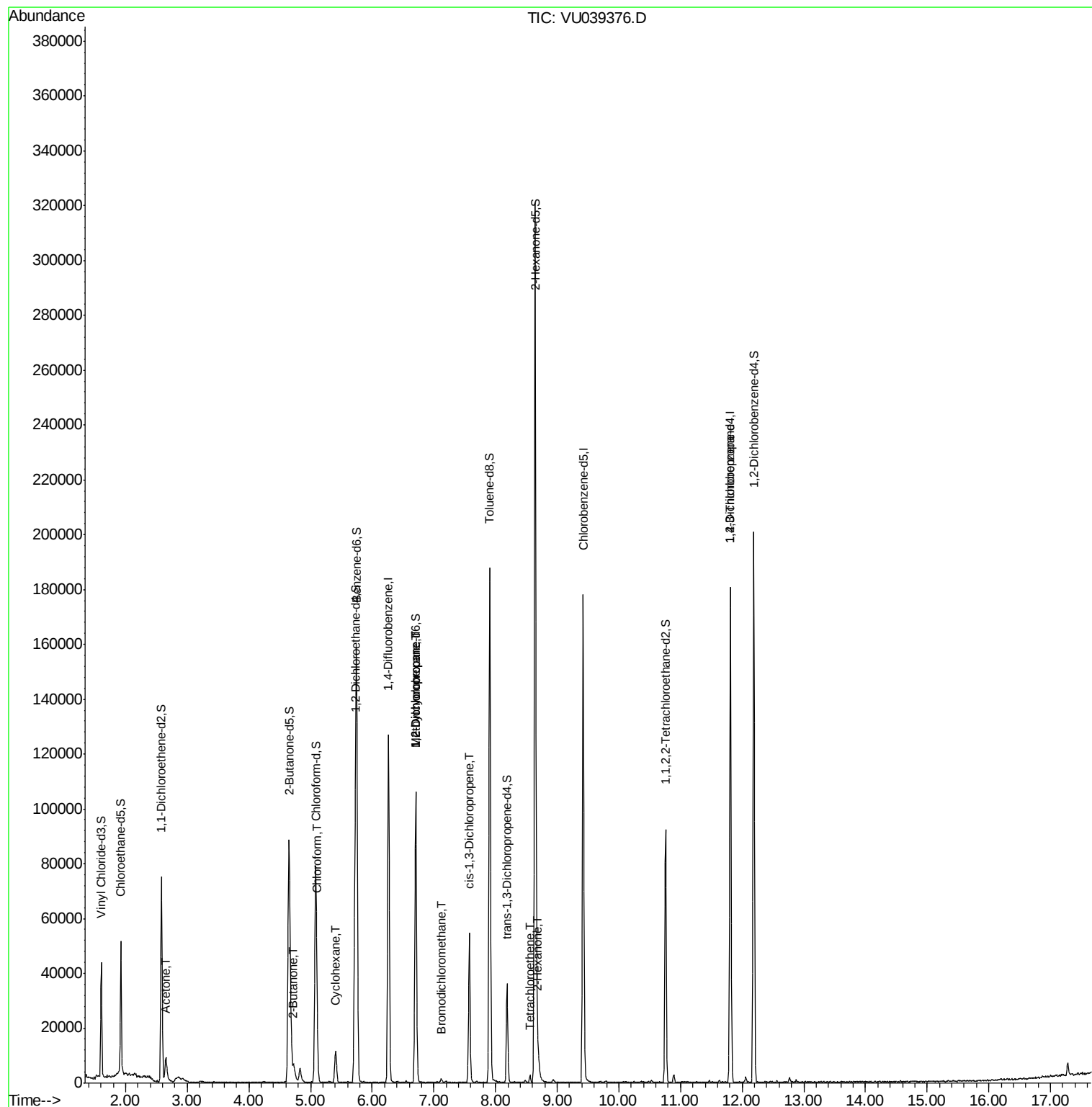
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	14373	10.226	ug/L	96
21) 2-Butanone	4.73	43	6435	2.565	ug/L	76
25) Chloroform	5.11	83	5558	0.435	ug/L	98
30) Cyclohexane	5.41	56	6074	0.537	ug/L	95
35) Methylcyclohexane	6.71	83	10592	0.938	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5147	0.692	ug/L #	91
38) Bromodichloromethane	7.12	83	818	0.086	ug/L #	42
39) cis-1,3-Dichloropropene	7.57	75	1426	0.127	ug/L #	69
47) Tetrachloroethene	8.56	164	481	0.098	ug/L #	82
48) 2-Hexanone	8.69	43	5323	1.164	ug/L #	96
59) 1,2,3-Trichloropropane	11.81	75	6633	1.211	ug/L	92

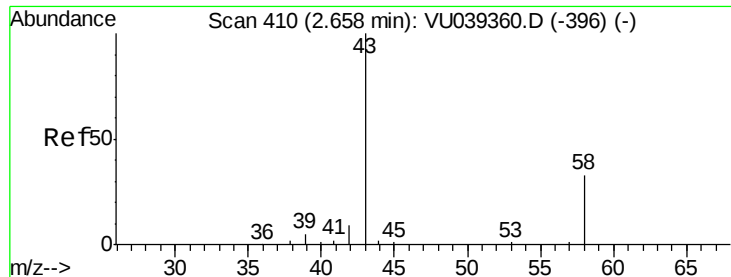
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 09 05:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.226 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU039376.D

Acq: 09 Jul 2020 03:30

Instrument :

MSVOA_U

ClientSampleId :

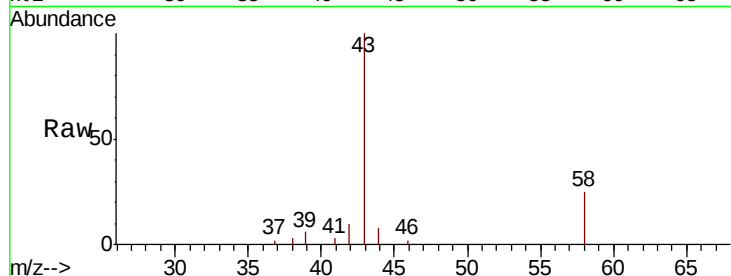
F4A95

Tot Ion: 43 Resp: 14373

Ion Ratio Lower Upper

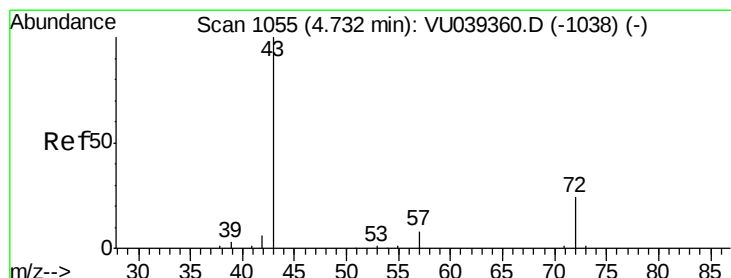
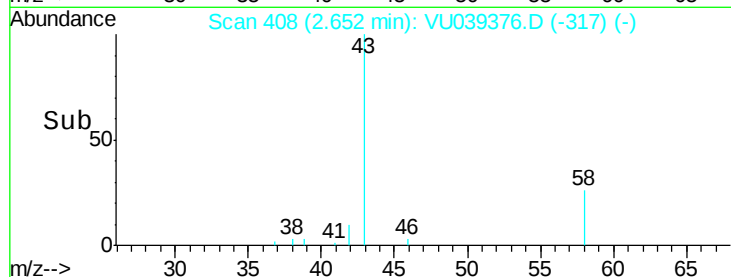
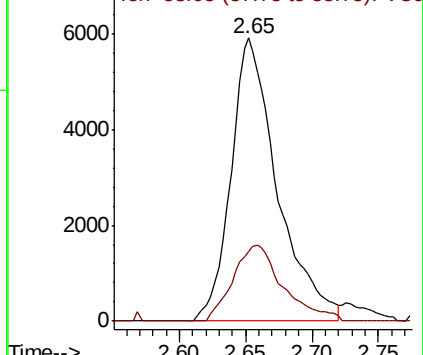
43 100

58 29.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039376.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039376.D (-317) (-)



#21

2-Butanone

Concen: 2.565 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VU039376.D

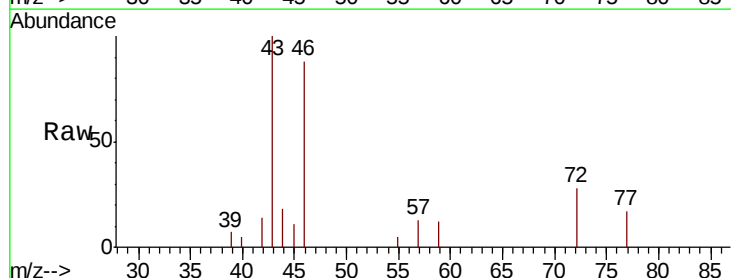
Acq: 09 Jul 2020 03:30

Tgt Ion: 43 Resp: 6435

Ion Ratio Lower Upper

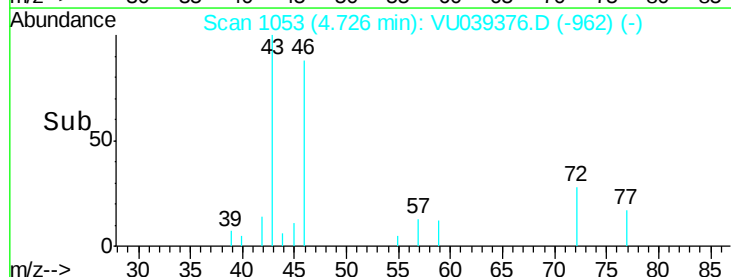
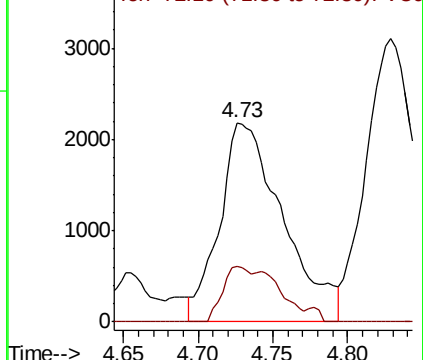
43 100

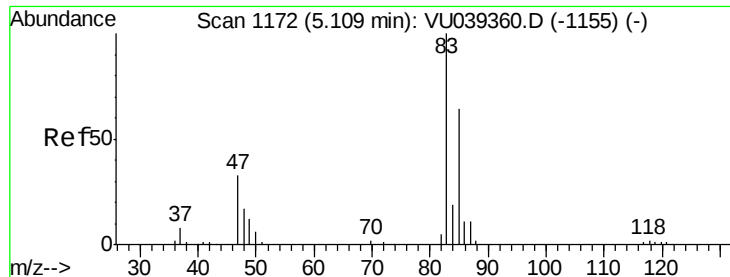
72 13.8 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039376.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU039376.D (-962) (-)

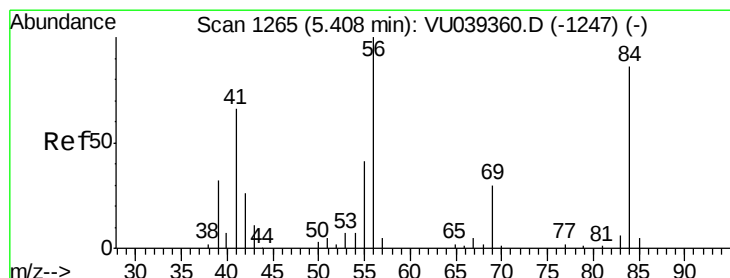
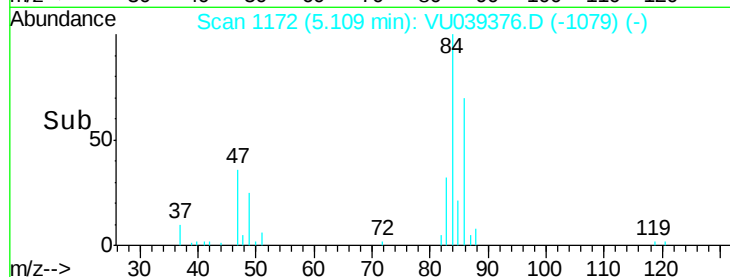
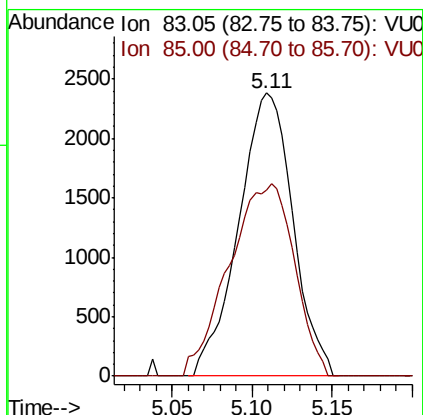
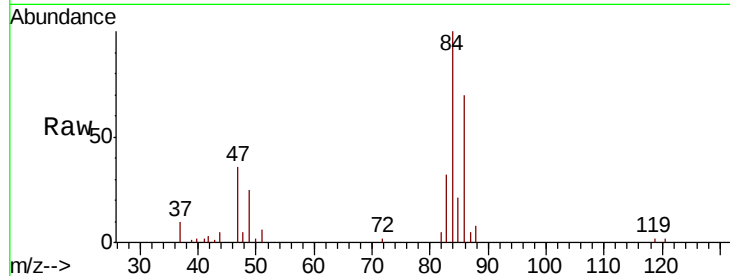




#25
Chloroform
Concen: 0.435 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039376.D
Acq: 09 Jul 2020 03:30

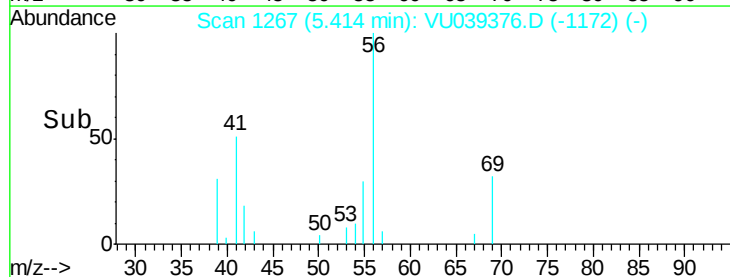
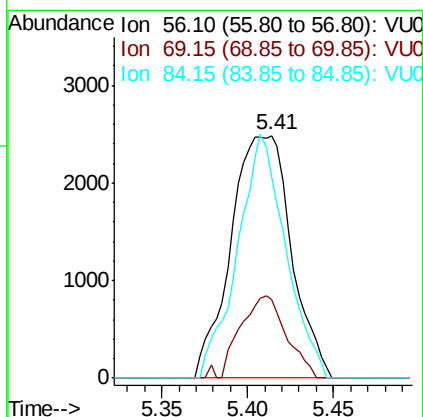
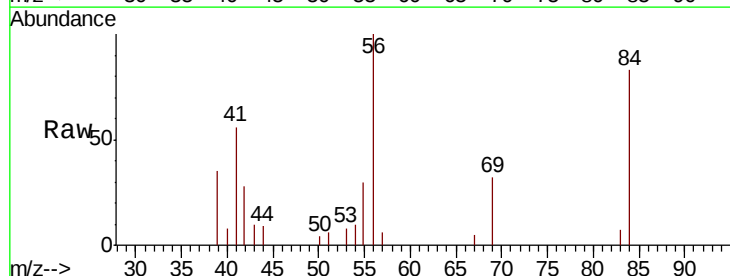
Instrument :
MSVOA_U
ClientSampled :
F4A95

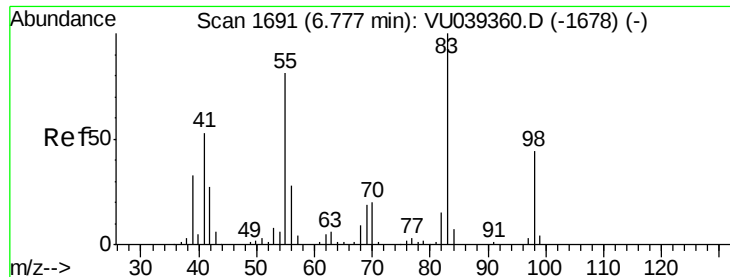
Tot Ion: 83 Resp: 5558
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.5



#30
Cyclohexane
Concen: 0.537 ug/L
RT: 5.41 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VU039376.D
Acq: 09 Jul 2020 03:30

Tgt Ion: 56 Resp: 6074
Ion Ratio Lower Upper
56 100
69 25.6 24.1 36.1
84 79.9 67.0 100.6

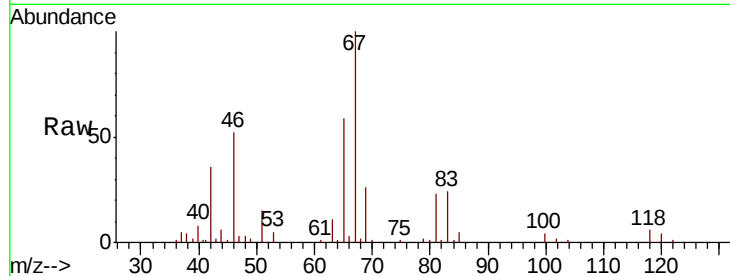




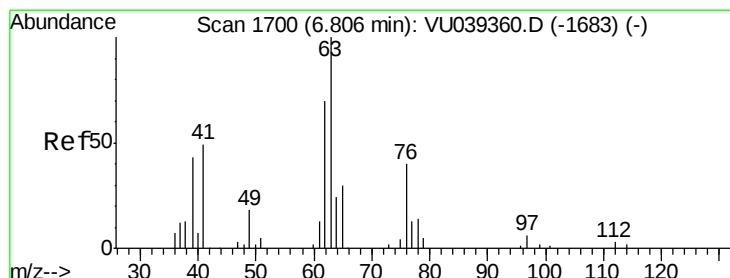
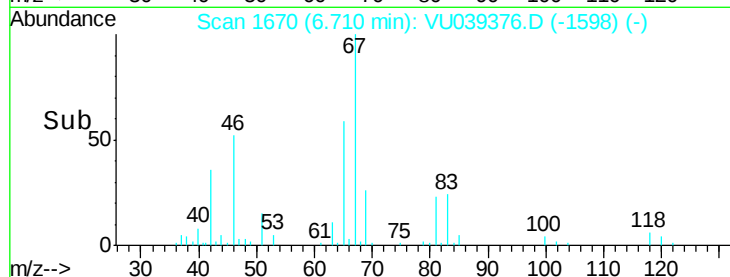
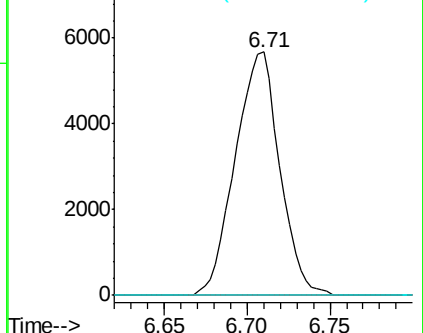
#35
Methvlcvclohexane
Concen: 0.938 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.07 min
Lab File: VU039376.D
Acq: 09 Jul 2020 03:30

Instrument :
MSVOA_U
ClientSampleId :
F4A95

Tot Ion: 83 Resp: 10592
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

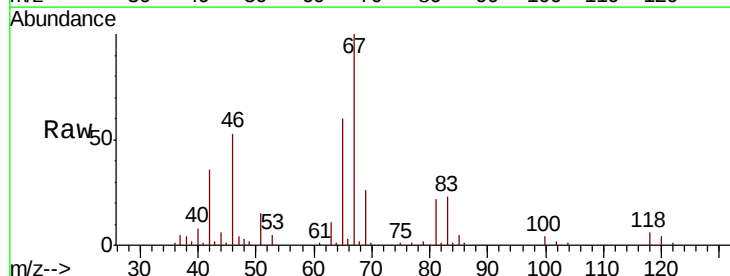


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

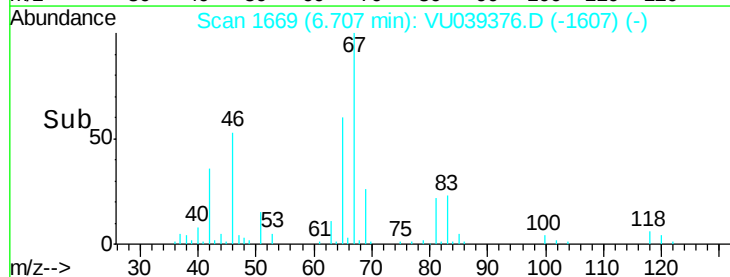
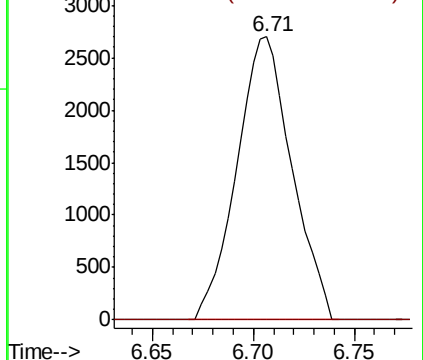


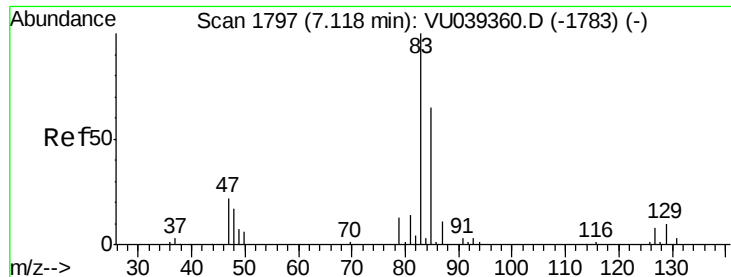
#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039376.D
Acq: 09 Jul 2020 03:30

Tgt Ion: 63 Resp: 5147
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

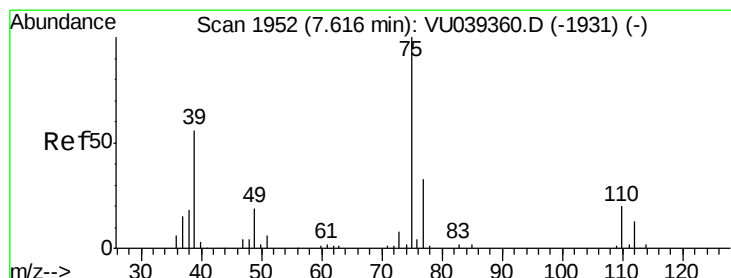
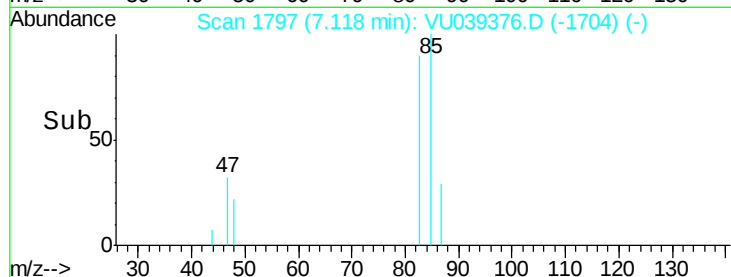
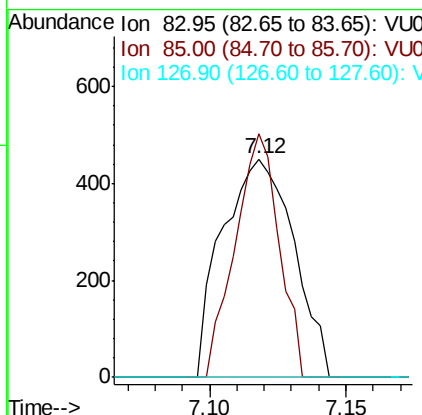
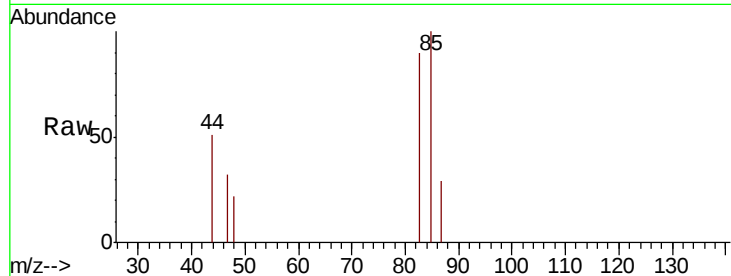




#38
 Bromodichloromethane
 Concen: 0.086 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU039376.D
 Acq: 09 Jul 2020 03:30

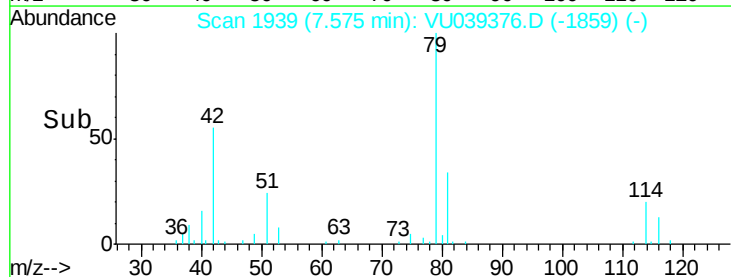
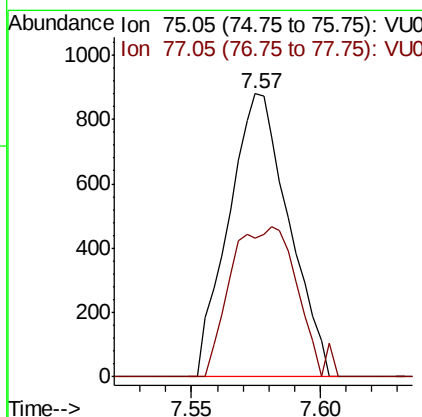
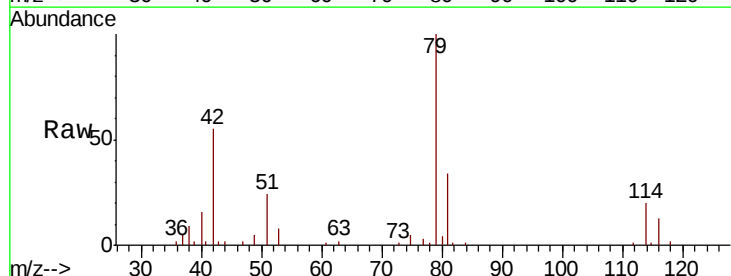
Instrument :
 MSVOA_U
 ClientSampleId :
 F4A95

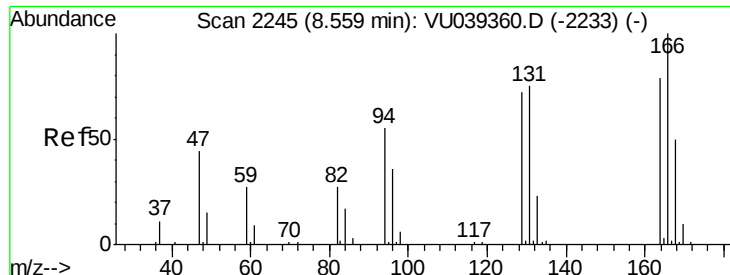
Tot Ion: 83 Resp: 818
 Ion Ratio Lower Upper
 83 100
 85 111.6 44.0 81.6#
 127 0.0 6.2 9.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039376.D
 Acq: 09 Jul 2020 03:30

Tgt Ion: 75 Resp: 1426
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.098 ug/L

RT: 8.56 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VU039376.D

Acq: 09 Jul 2020 03:30

Instrument :

MSVOA_U

ClientSampleId :

F4A95

Tot Ion:164 Resp: 481

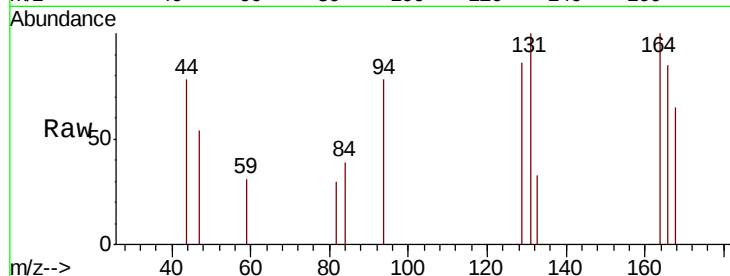
Ion Ratio Lower Upper

164 100

129 86.6 68.6 127.4

131 100.3 66.4 123.4

166 85.5 85.9 159.5#

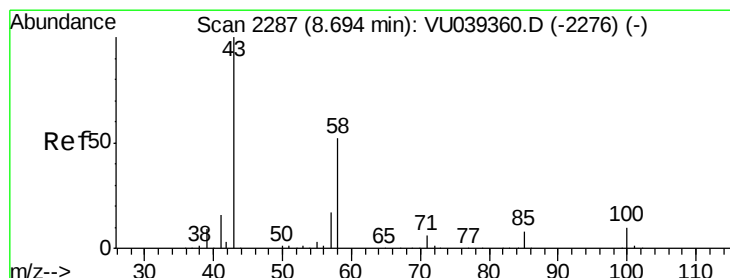
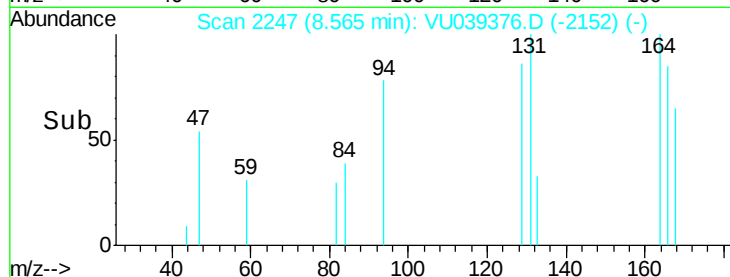
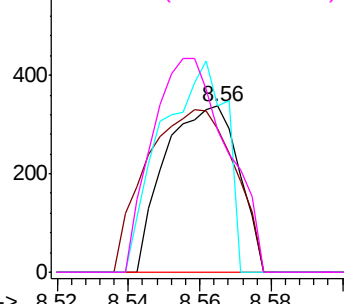


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.164 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU039376.D

Acq: 09 Jul 2020 03:30

Tgt Ion: 43 Resp: 5323

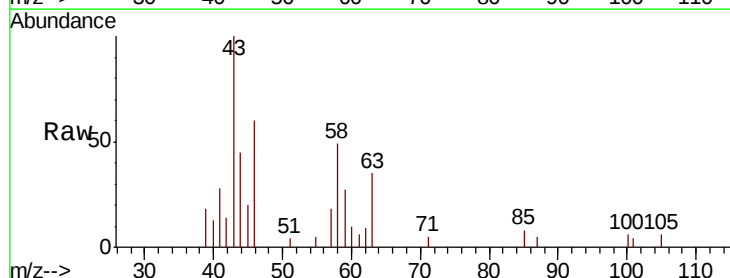
Ion Ratio Lower Upper

43 100

58 52.1 42.0 63.0

57 14.1 14.0 21.0

100 3.5 8.2 12.2#

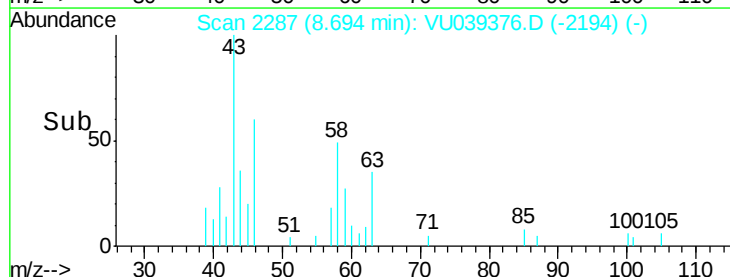
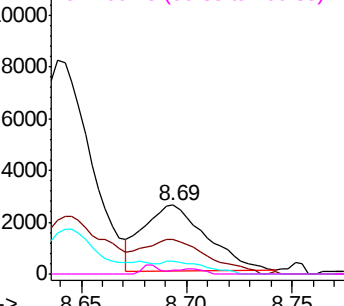


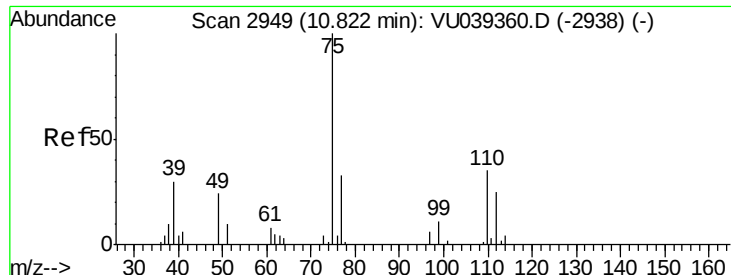
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 1.211 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039376.D

Acq: 09 Jul 2020 03:30

Instrument :

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ClientSampleId :

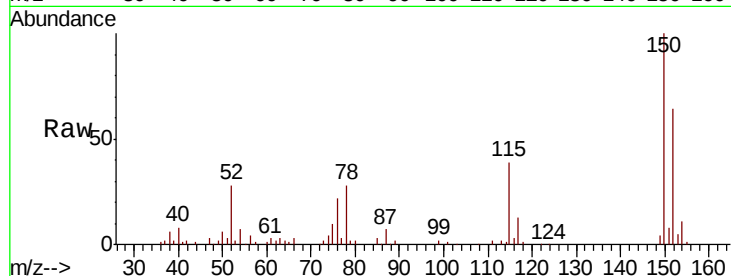
F4A95

Tot Ion: 75 Resp: 6633

Ion Ratio Lower Upper

75 100

77 37.9 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

