

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039375.D
 Acq On : 09 Jul 2020 03:07
 Operator : SY/MD
 Sample : L3243-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A93

Quant Time: Jul 09 05:54:10 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	6.27	114	101664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46125	5.00	ug/L	0.00

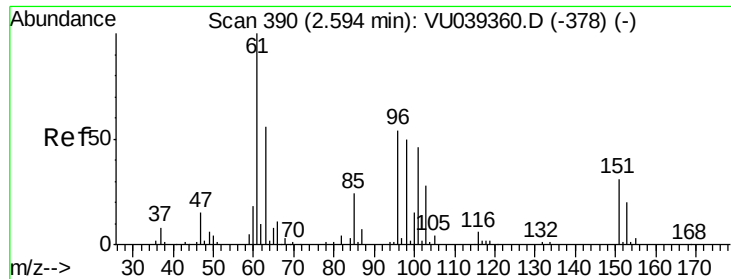
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28702	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.92	69	32210	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.58	63	45510	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.65	46	157467	58.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	5.09	84	67824	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	46130	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.75	84	135913	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.71	67	47388	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.91	98	118236	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	8.19	79	17832	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	116074	54.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.74%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44602	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48021	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	402	0.066	ug/L #	1
13) Acetone	2.66	43	10922	7.505	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	1212	0.161	ug/L	98
25) Chloroform	5.11	83	3985	0.301	ug/L	79
30) Cyclohexane	5.40	56	2888	0.242	ug/L #	96
34) Trichloroethene	6.56	95	1459	0.196	ug/L	86
35) Methylcyclohexane	6.71	83	10586	0.887	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5852	0.745	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1585	0.134	ug/L #	33
47) Tetrachloroethene	8.56	164	13304	2.568	ug/L	96
48) 2-Hexanone	8.70	43	5555	1.150	ug/L #	44
49) Dibromochloromethane	8.56	129	12966	1.898	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6975	1.205	ug/L #	83

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



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampled :

F4A93

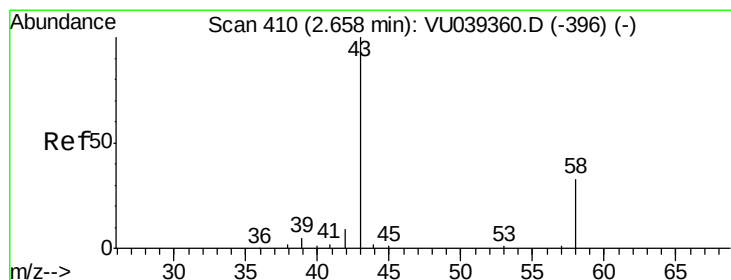
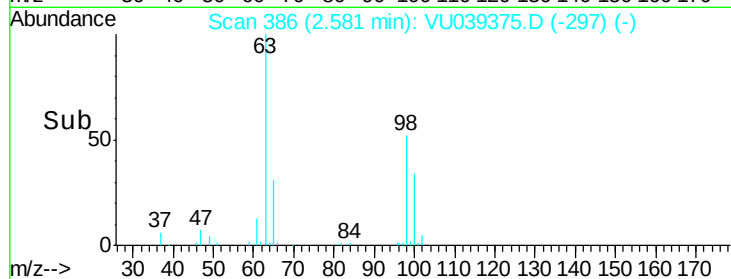
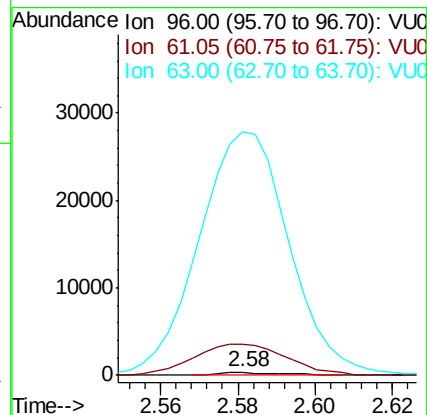
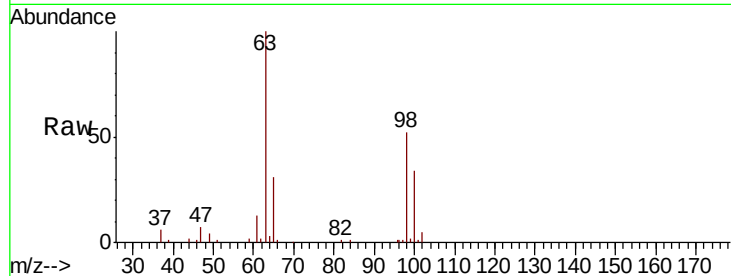
Tot Ion: 96 Resp: 402

Ion Ratio Lower Upper

96 100

61 922.3 125.4 232.8#

63 7070.1 92.7 172.3#



#13

Acetone

Concen: 7.505 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039375.D

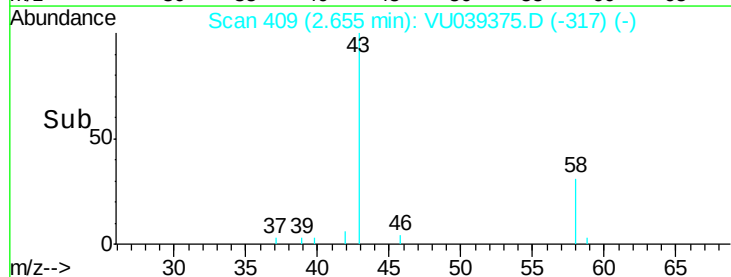
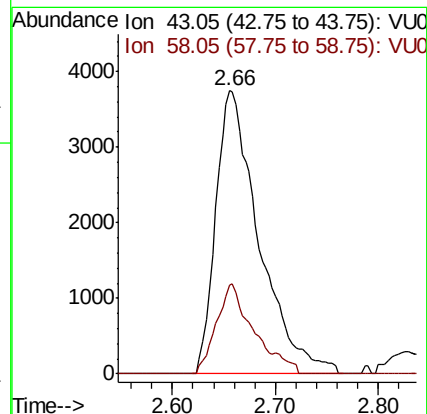
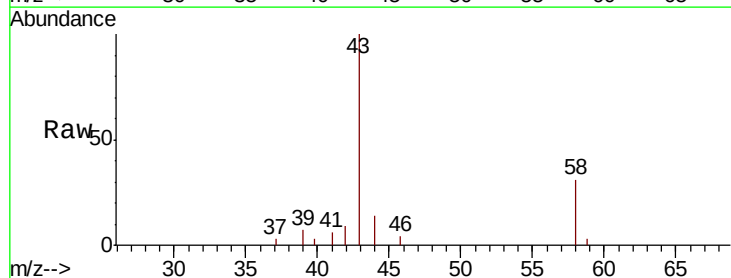
Acq: 09 Jul 2020 03:07

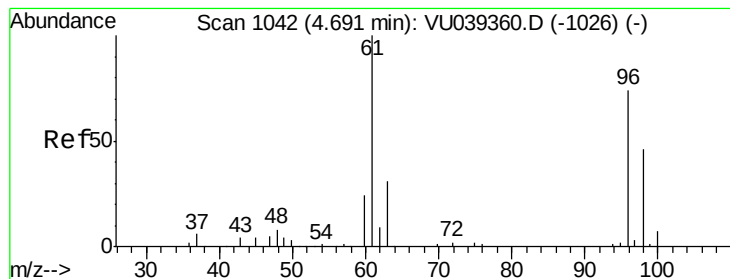
Tgt Ion: 43 Resp: 10922

Ion Ratio Lower Upper

43 100

58 27.5 0.0 62.8





#22

cis-1,2-Dichloroethene

Concen: 0.161 ug/L

RT: 4.69 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampled :

F4A93

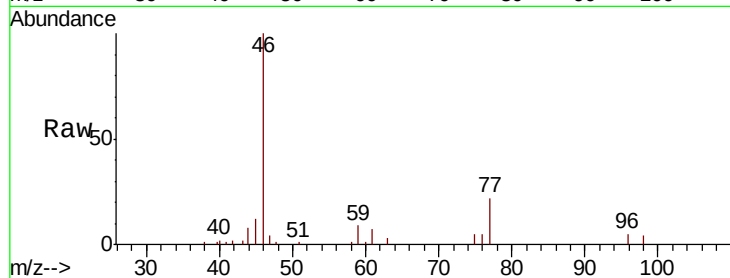
Tot Ion: 96 Resp: 1212

Ion Ratio Lower Upper

96 100

61 134.4 92.8 172.4

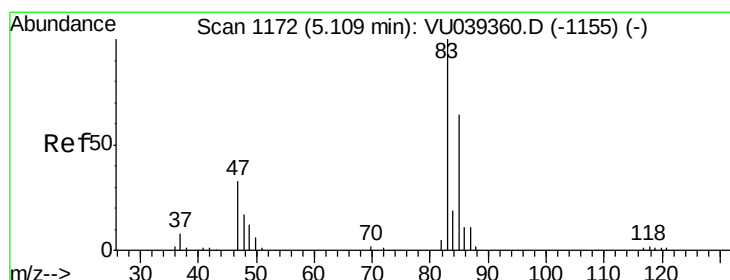
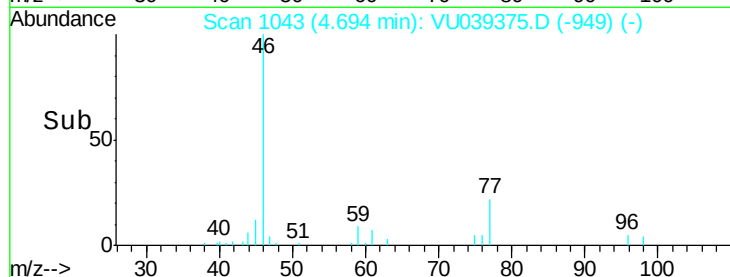
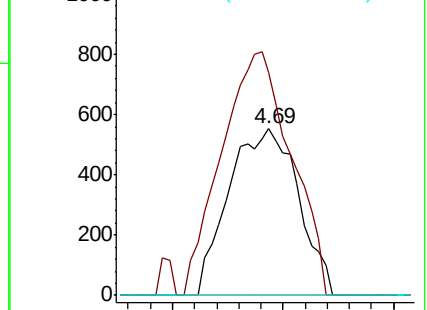
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039375.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039375.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039375.D (-949) (-)



#25

Chloroform

Concen: 0.301 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039375.D

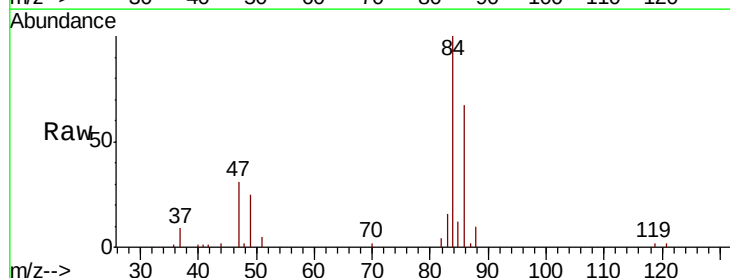
Acq: 09 Jul 2020 03:07

Tgt Ion: 83 Resp: 3985

Ion Ratio Lower Upper

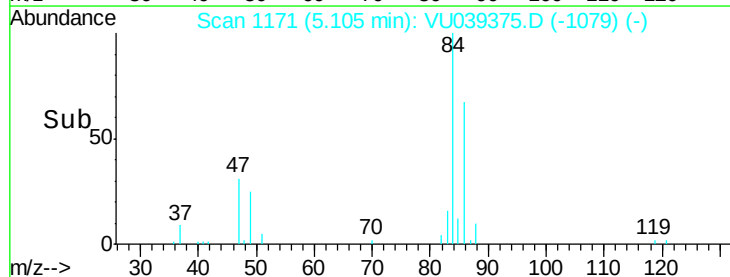
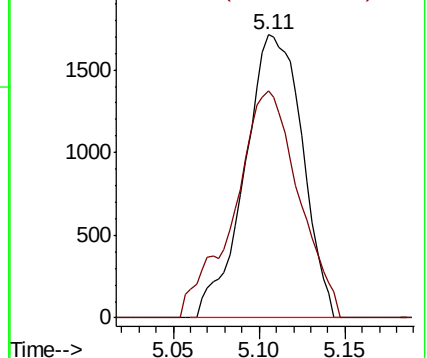
83 100

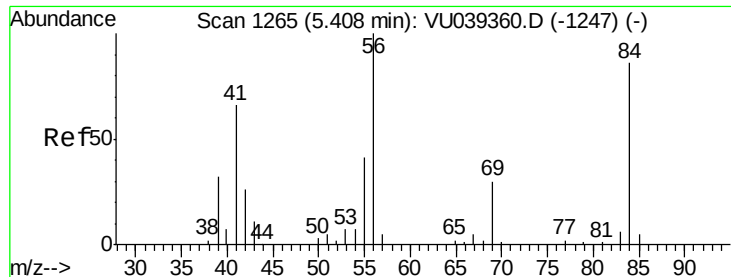
85 80.3 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039375.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU039375.D (-1079) (-)

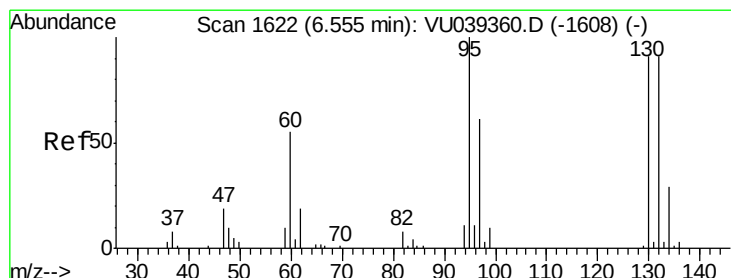
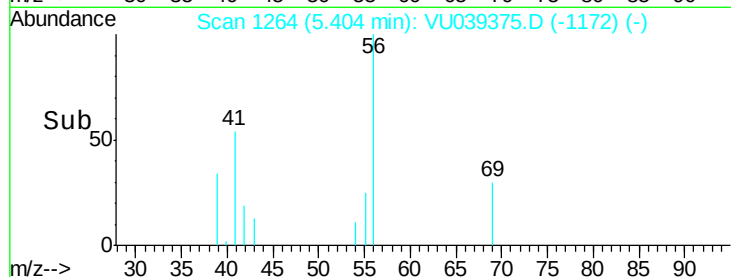
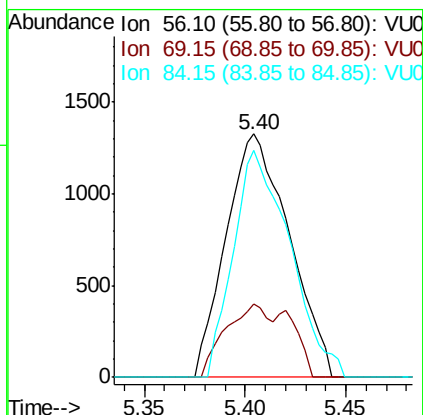
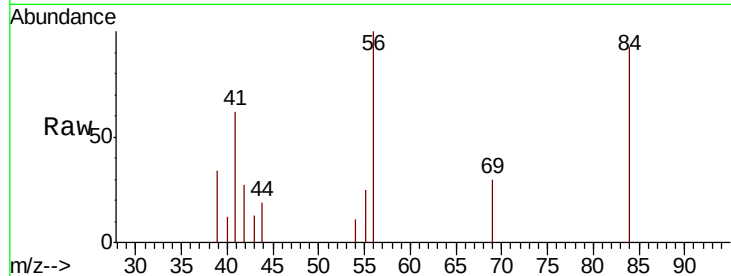




#30
Cyclohexane
Concen: 0.242 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039375.D
Acq: 09 Jul 2020 03:07

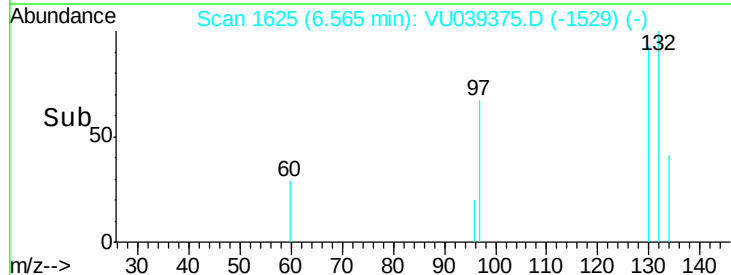
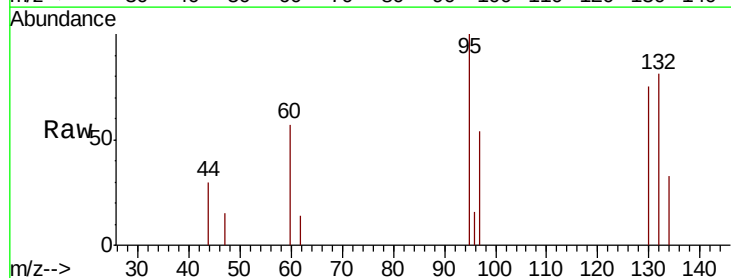
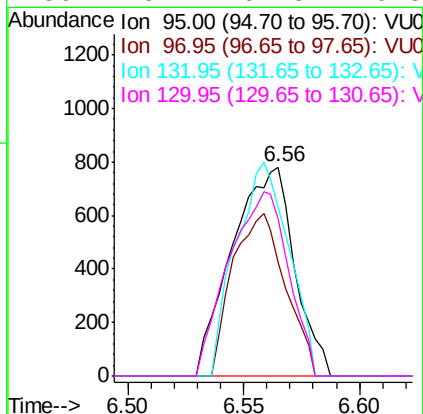
Instrument :
MSVOA_U
ClientSampleId :
F4A93

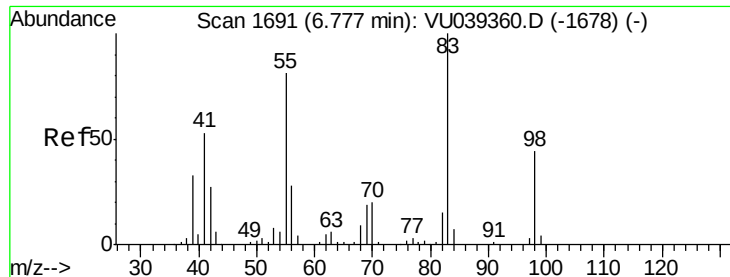
Tot Ion: 56 Resp: 2888
Ion Ratio Lower Upper
56 100
69 21.4 24.1 36.1#
84 84.0 67.0 100.6



#34
Trichloroethene
Concen: 0.196 ug/L
RT: 6.56 min Scan# 1625
Delta R.T. 0.01 min
Lab File: VU039375.D
Acq: 09 Jul 2020 03:07

Tgt Ion: 95 Resp: 1459
Ion Ratio Lower Upper
95 100
97 54.5 46.3 85.9
132 81.1 64.0 118.8
130 75.2 64.3 119.5

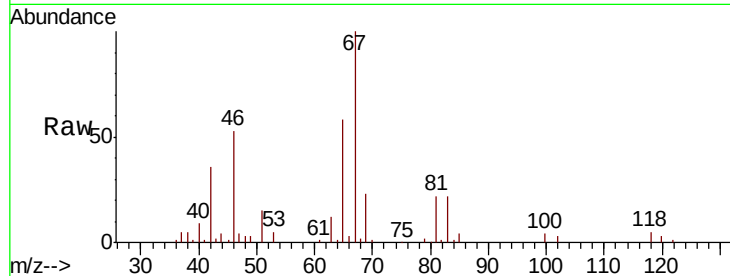




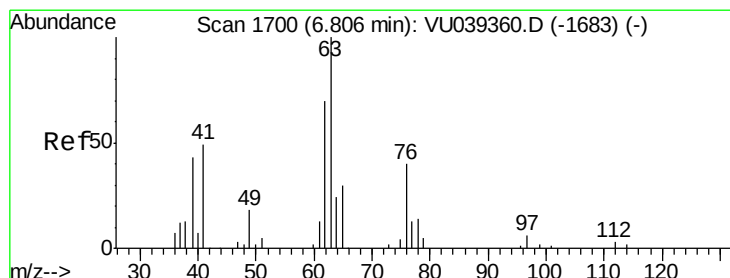
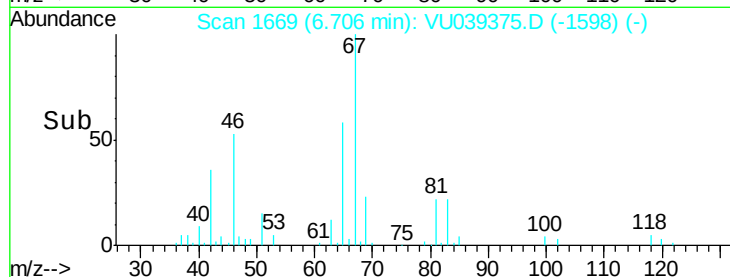
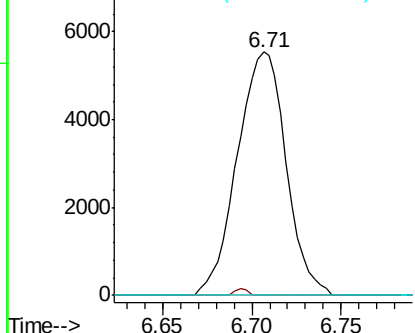
#35
Methylvlcyclohexane
Concen: 0.887 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039375.D
Acq: 09 Jul 2020 03:07

Instrument :
MSVOA_U
ClientSampleId :
F4A93

Tot Ion: 83 Resp: 10586
Ion Ratio Lower Upper
83 100
55 0.7 62.1 93.1#
98 0.0 35.9 53.9#

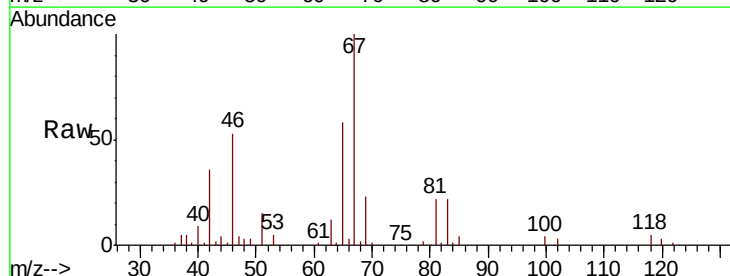


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

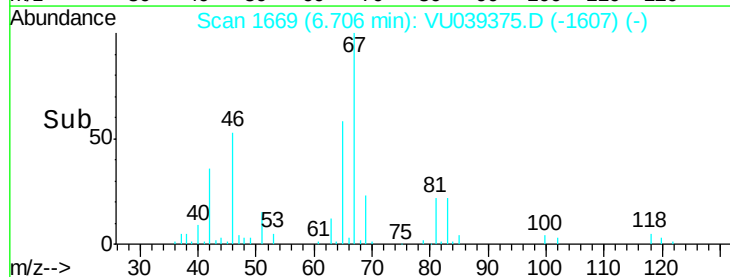
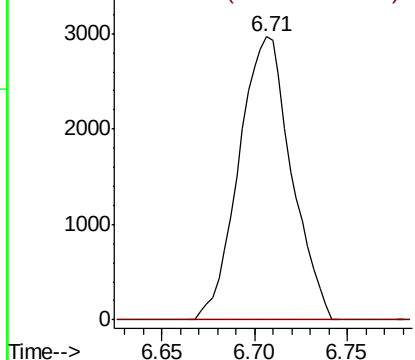


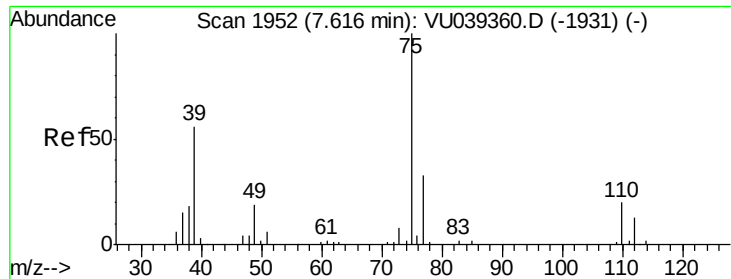
#37
1,2-Dichloropropane
Concen: 0.745 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039375.D
Acq: 09 Jul 2020 03:07

Tgt Ion: 63 Resp: 5852
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

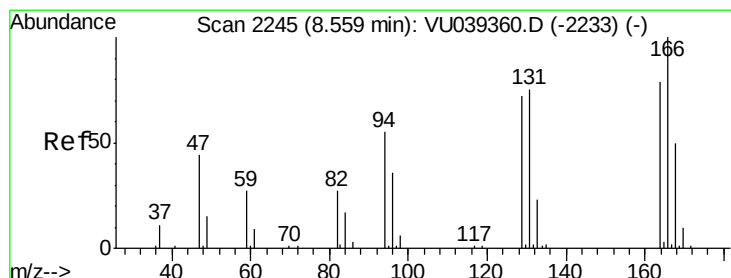
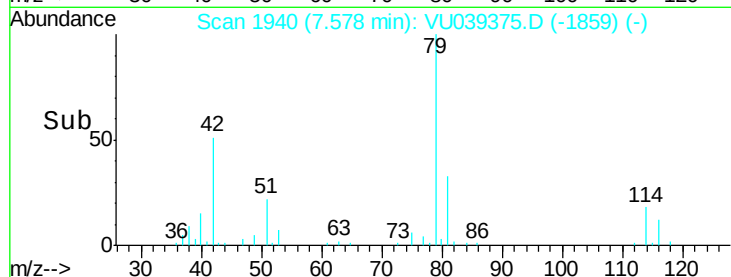
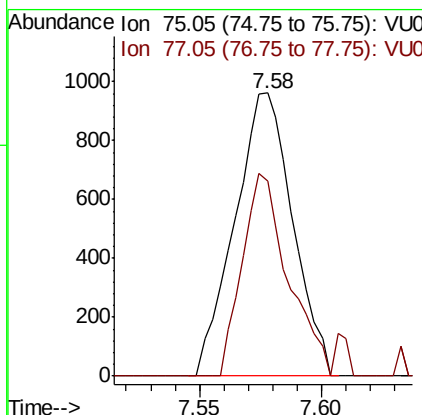
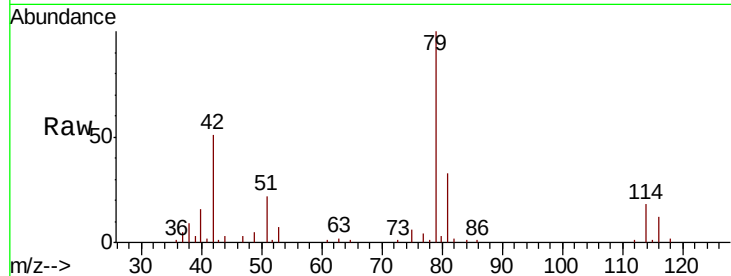




#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039375.D
 Acq: 09 Jul 2020 03:07

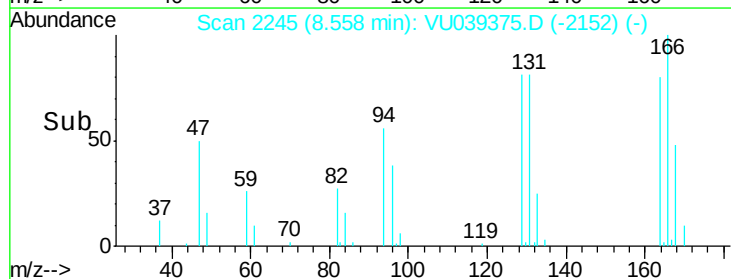
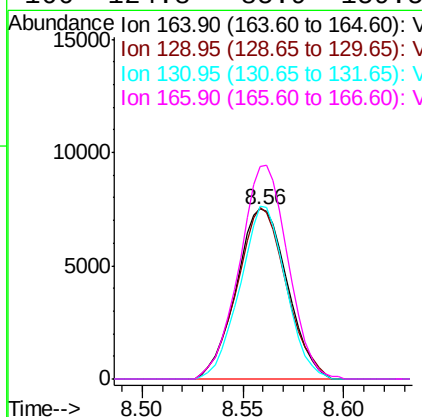
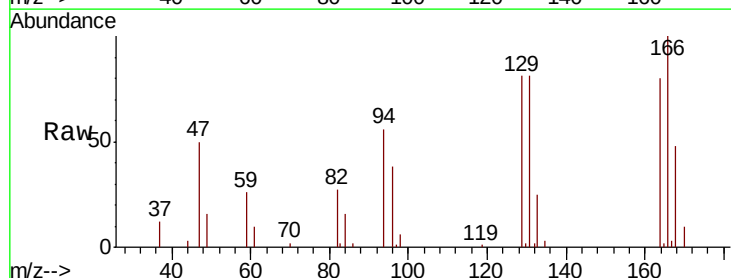
Instrument :
 MSVOA_U
 ClientSampled :
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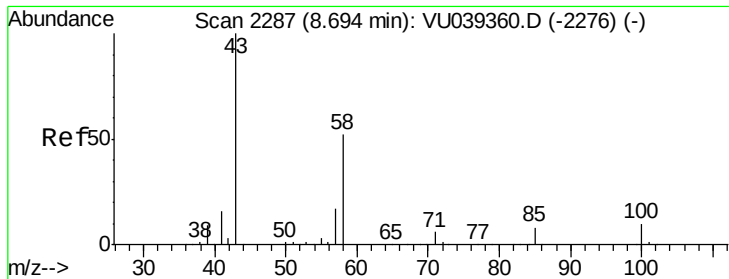
Tot Ion: 75 Resp: 1585
 Ion Ratio Lower Upper
 75 100
 77 68.9 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 2.568 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039375.D
 Acq: 09 Jul 2020 03:07

Tgt Ion: 164 Resp: 13304
 Ion Ratio Lower Upper
 164 100
 129 101.1 68.6 127.4
 131 101.4 66.4 123.4
 166 124.8 85.9 159.5





#48

2-Hexanone

Concen: 1.150 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampleId :

F4A93

Tot Ion: 43 Resp: 5555

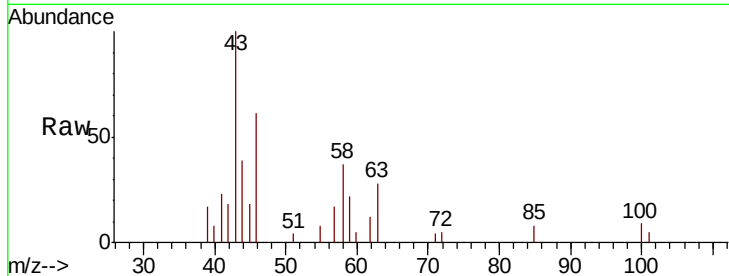
Ion Ratio Lower Upper

43 100

58 0.0 42.0 63.0#

57 5.5 14.0 21.0#

100 5.7 8.2 12.2#



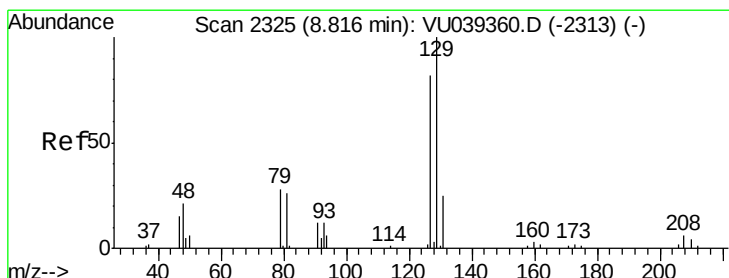
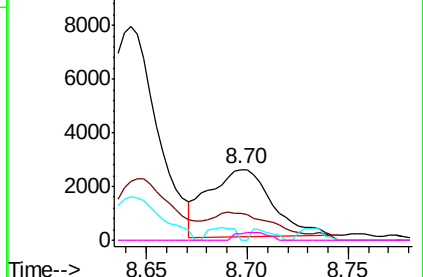
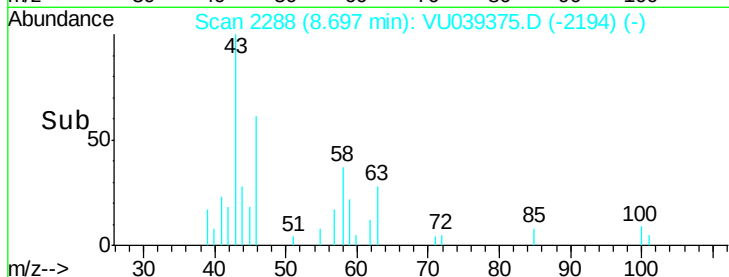
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

Time-->



#49

Dibromochloromethane

Concen: 1.898 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039375.D

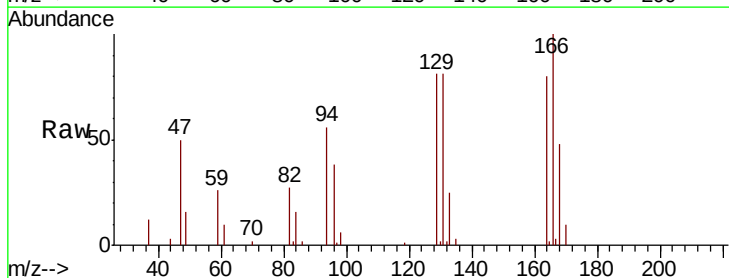
Acq: 09 Jul 2020 03:07

Tgt Ion: 129 Resp: 12966

Ion Ratio Lower Upper

129 100

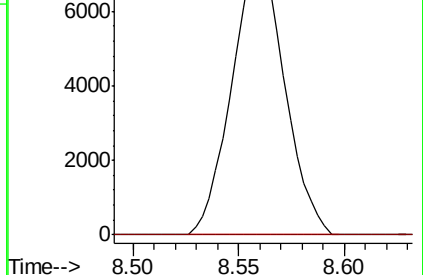
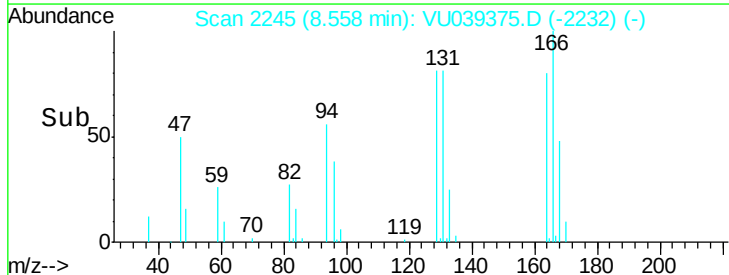
127 0.0 55.4 102.8#

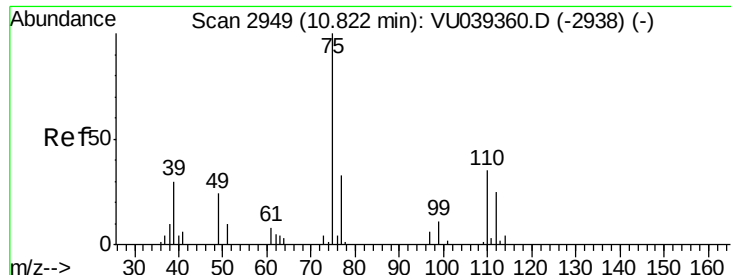


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039375.D

Acq: 09 Jul 2020 03:07

Instrument :

MSVOA_U

ClientSampleId :

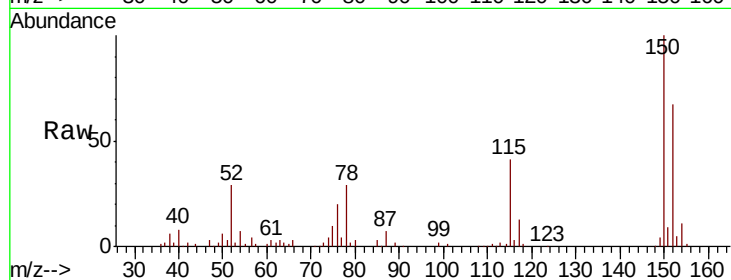
F4A93

Tot Ion: 75 Resp: 6975

Ion Ratio Lower Upper

75 100

77 43.0 26.8 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

