

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039362.D
 Acq On : 08 Jul 2020 22:07
 Operator : SY/MD
 Sample : L3243-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A68

Quant Time: Jul 09 05:51:47 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	99793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28389	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	30246	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	44680	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.65	46	156724	59.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.44%
24) Chloroform-d	5.08	84	68550	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	44235	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.74	84	133501	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	6.70	67	46313	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.40%
41) Toluene-d8	7.91	98	116488	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
43) trans-1,3-Dichloropropene-	8.19	79	19459	5.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.80%
46) 2-Hexanone-d5	8.64	63	113897	55.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43159	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47826	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

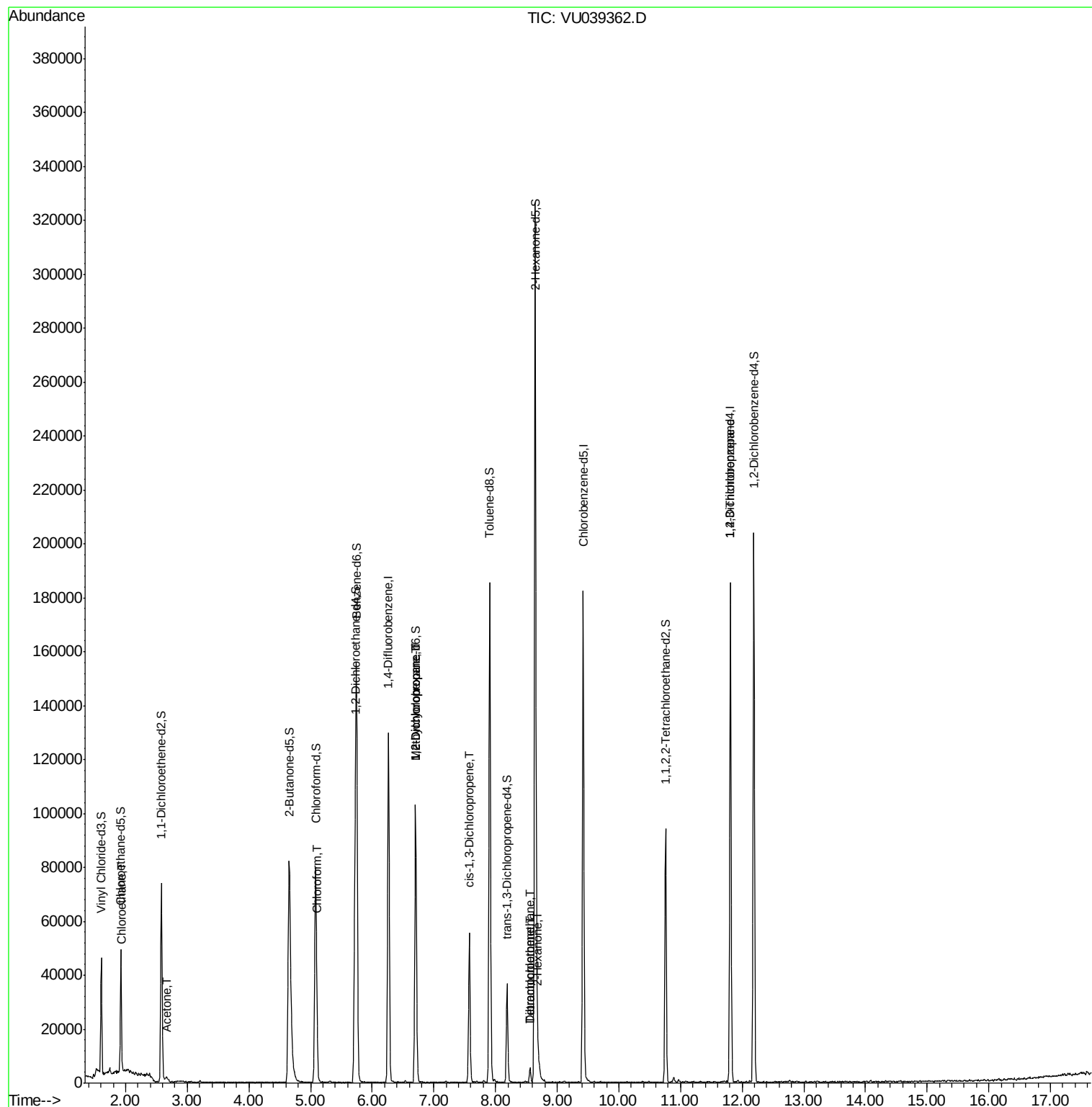
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	777	0.132	ug/L #	41
13) Acetone	2.66	43	2612	1.829	ug/L	86
25) Chloroform	5.11	83	2231	0.172	ug/L	93
35) Methylcyclohexane	6.71	83	9887	0.857	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5449	0.717	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1549	0.135	ug/L #	69
47) Tetrachloroethene	8.56	164	1092	0.218	ug/L	89
48) 2-Hexanone	8.69	43	5284	1.131	ug/L #	50
49) Dibromochloromethane	8.56	129	961	0.145	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7231	1.292	ug/L	95

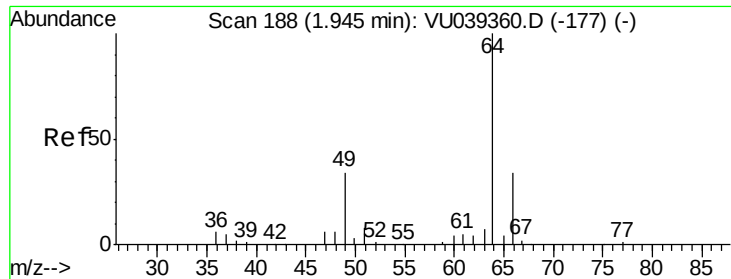
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#8

Chloroethane

Concen: 0.132 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039362.D

Acq: 08 Jul 2020 22:07

Instrument :

MSVOA_U

ClientSampleId :

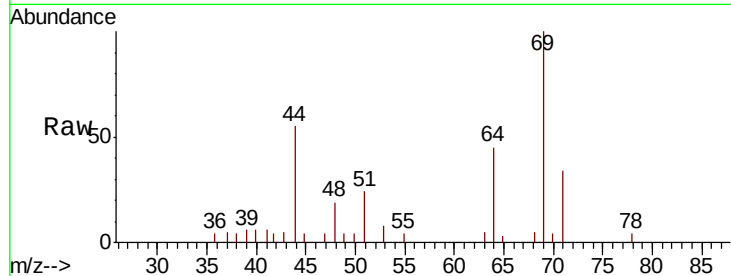
F4A68

Tot Ion: 64 Resp: 777

Ion Ratio Lower Upper

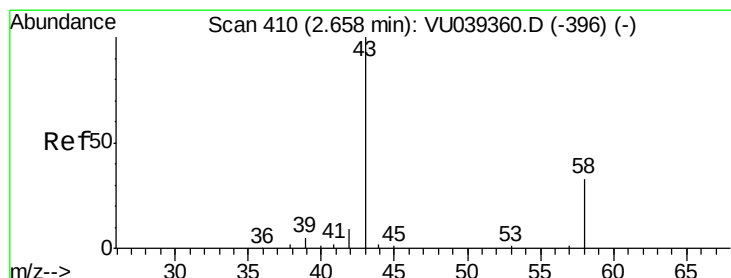
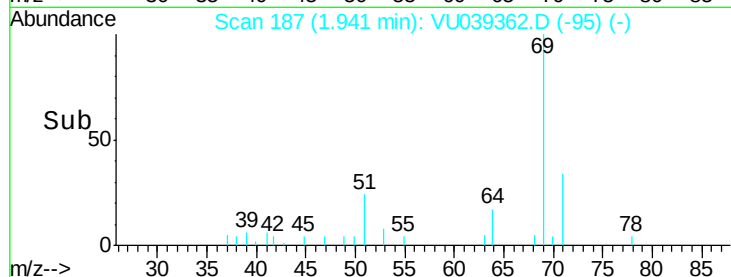
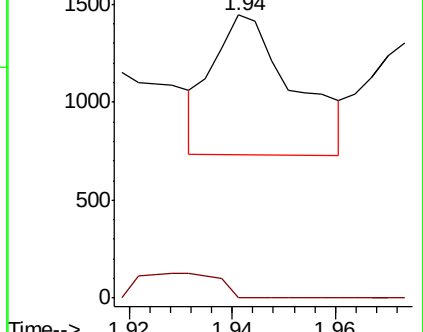
64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU039362.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU039362.D (-177) (-)



#13

Acetone

Concen: 1.829 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039362.D

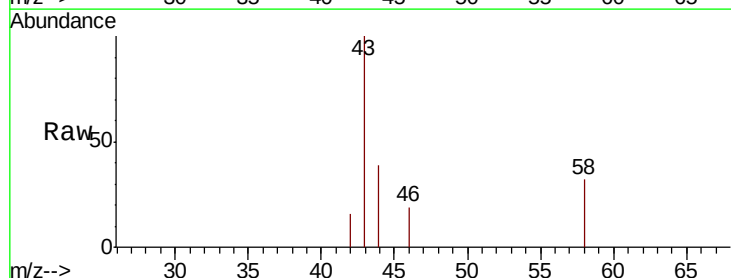
Acq: 08 Jul 2020 22:07

Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

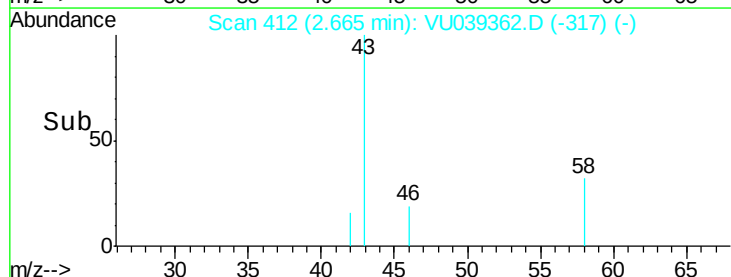
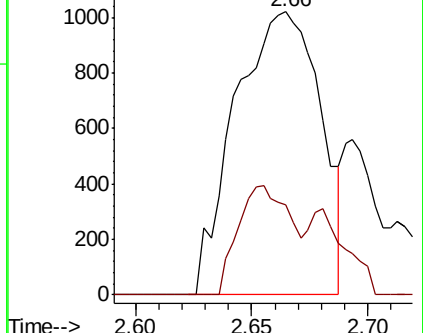
43 100

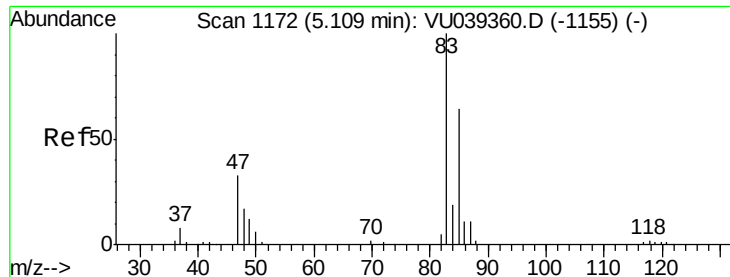
58 23.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039362.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039362.D (-396) (-)

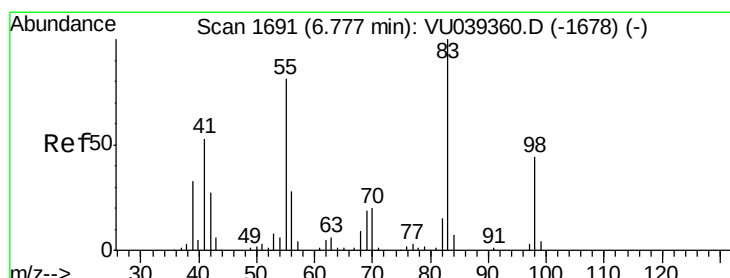
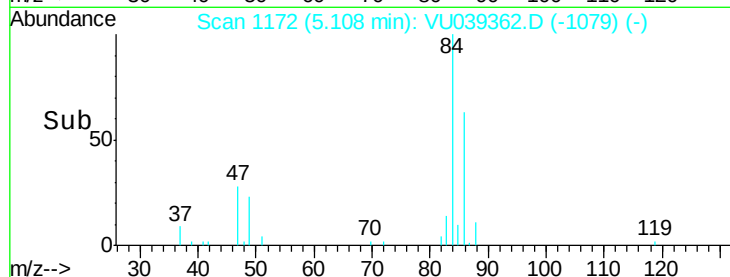
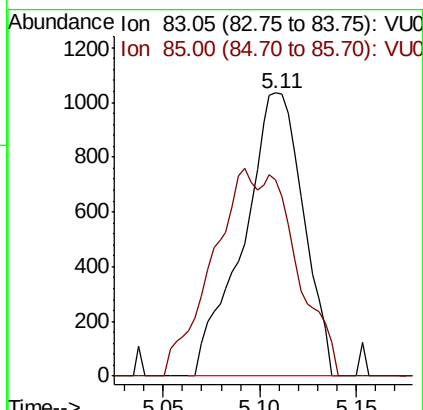
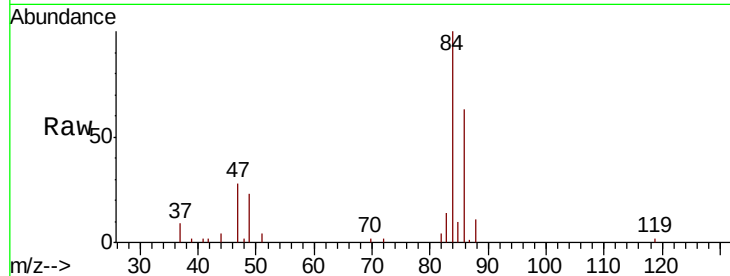




#25
Chloroform
Concen: 0.172 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039362.D
Acq: 08 Jul 2020 22:07

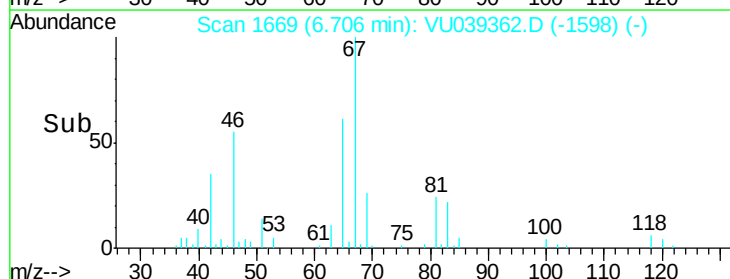
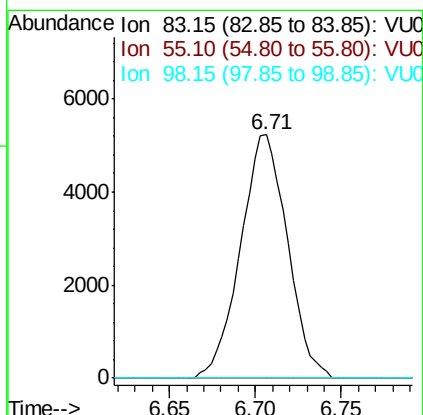
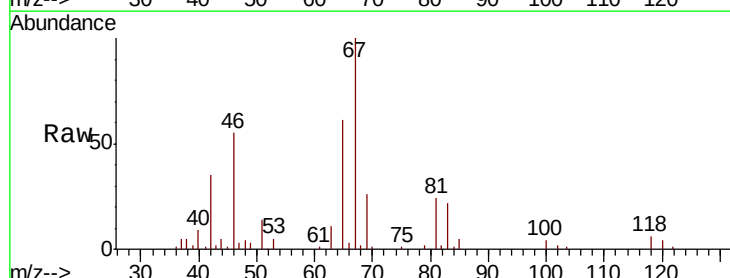
Instrument :
MSVOA_U
ClientSampleId :
F4A68

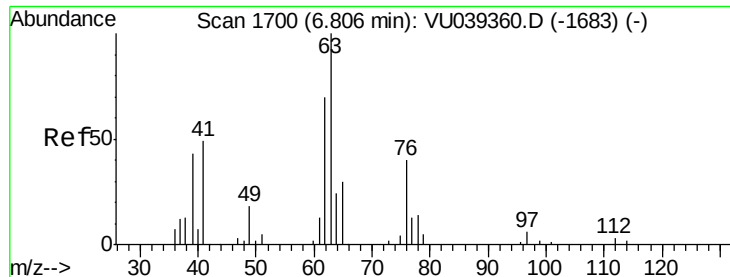
Tot Ion: 83 Resp: 2231
Ion Ratio Lower Upper
83 100
85 69.5 44.9 83.5



#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039362.D
Acq: 08 Jul 2020 22:07

Tgt Ion: 83 Resp: 9887
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

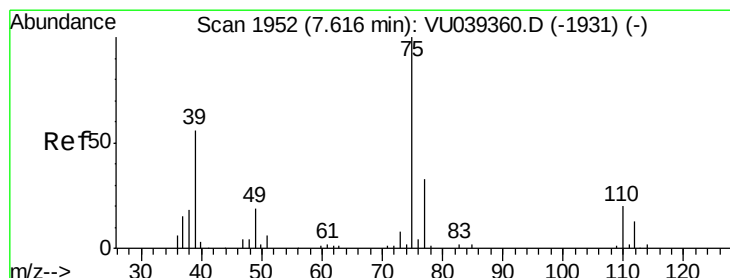
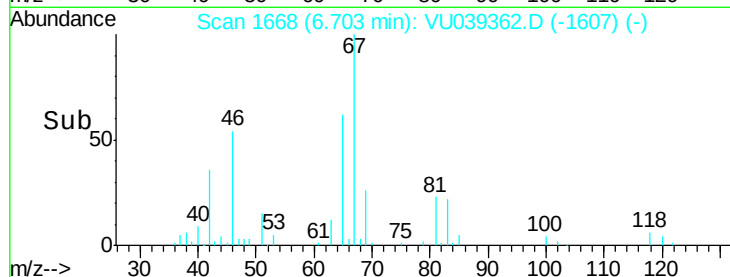
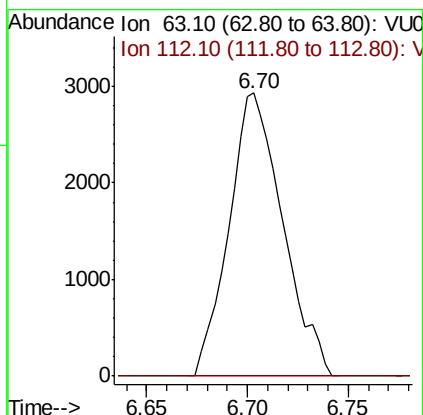
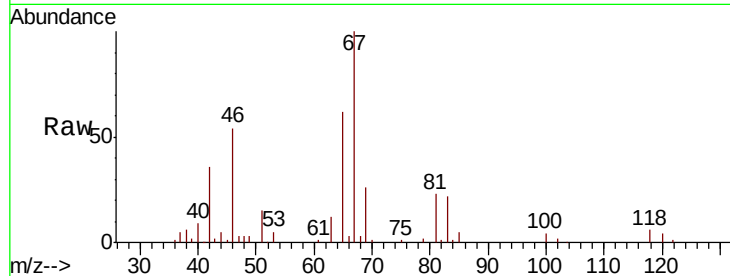




#37
 1,2-Dichloropropane
 Concen: 0.717 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039362.D
 Acq: 08 Jul 2020 22:07

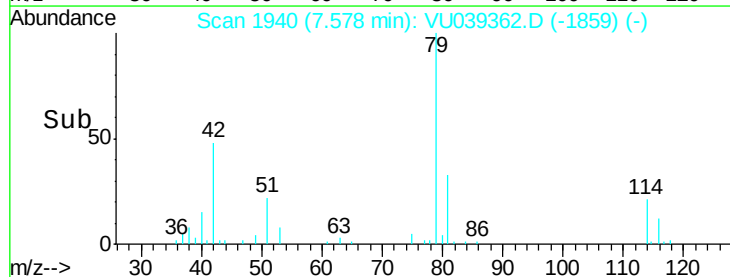
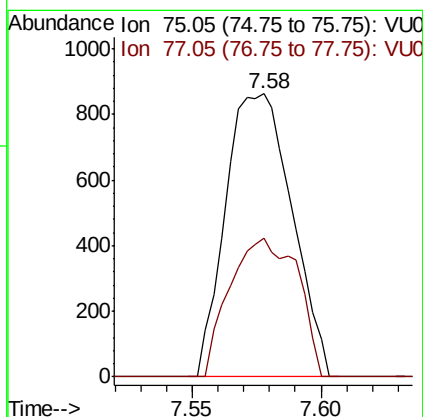
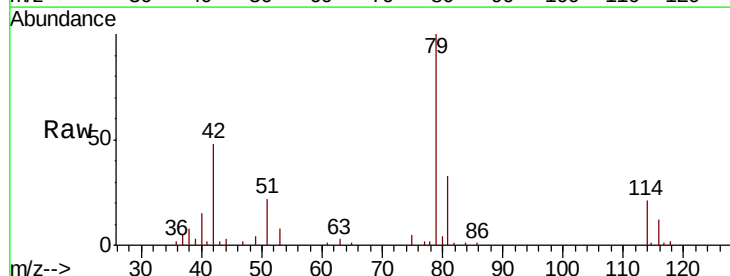
Instrument :
 MSVOA_U
 ClientSampled :
 F4A68

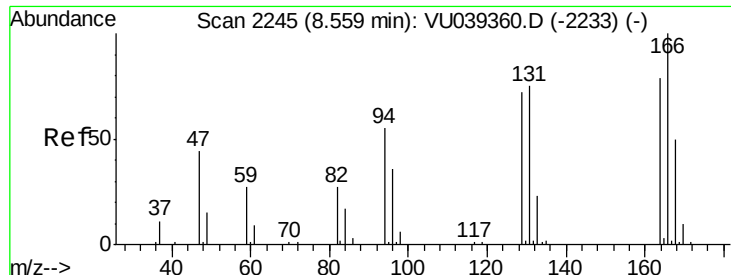
Tot Ion: 63 Resp: 5449
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039362.D
 Acq: 08 Jul 2020 22:07

Tgt Ion: 75 Resp: 1549
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.218 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039362.D

Acq: 08 Jul 2020 22:07

Instrument :

MSVOA_U

ClientSampled :

F4A68

Tot Ion:164 Resp: 1092

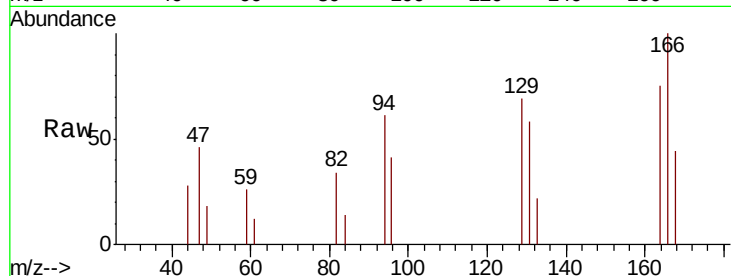
Ion Ratio Lower Upper

164 100

129 91.5 68.6 127.4

131 77.0 66.4 123.4

166 133.1 85.9 159.5

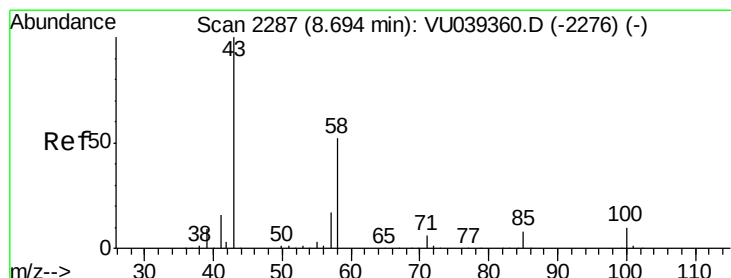
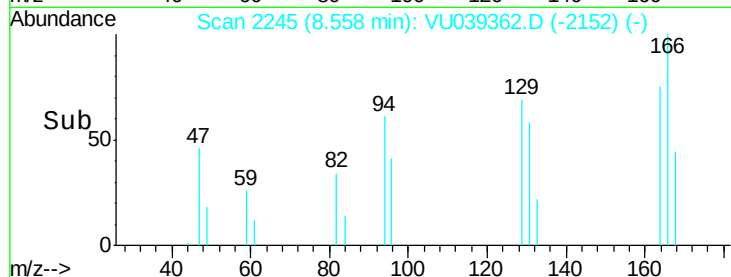
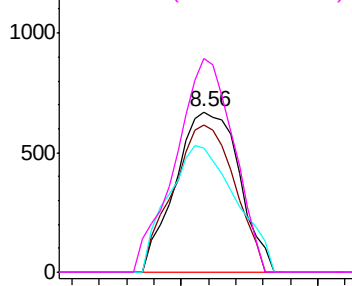


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.131 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU039362.D

Acq: 08 Jul 2020 22:07

Tgt Ion: 43 Resp: 5284

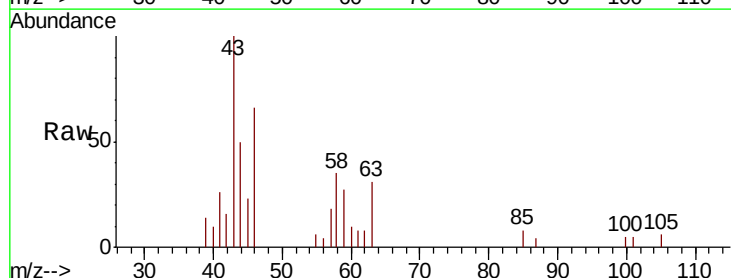
Ion Ratio Lower Upper

43 100

58 6.6 42.0 63.0#

57 9.0 14.0 21.0#

100 2.2 8.2 12.2#

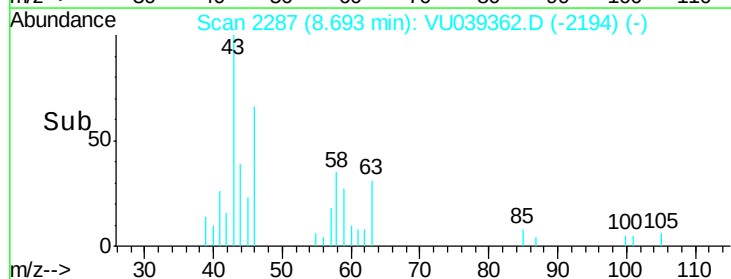
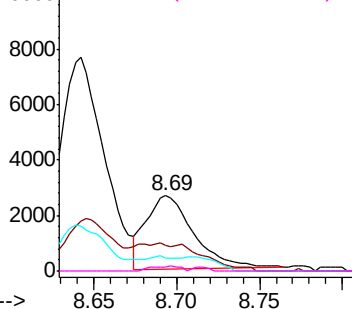


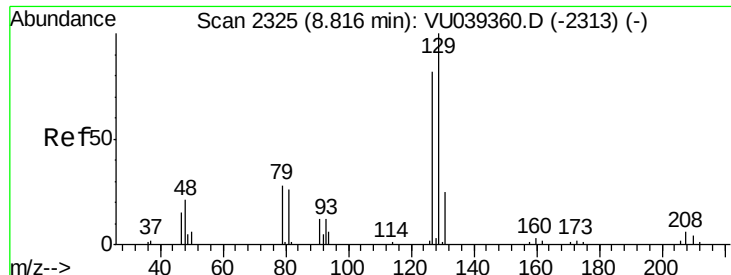
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.145 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039362.D

Acq: 08 Jul 2020 22:07

Instrument :

MSVOA_U

ClientSampled :

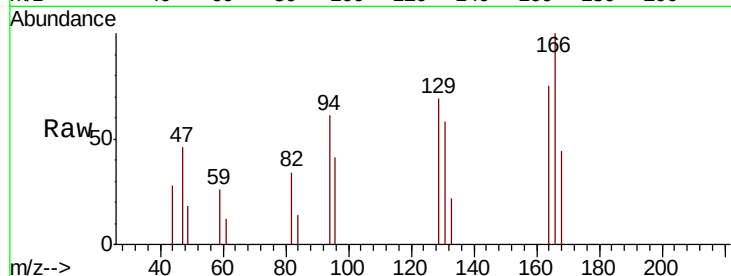
F4A68

Tot Ion:129 Resp: 961

Ion Ratio Lower Upper

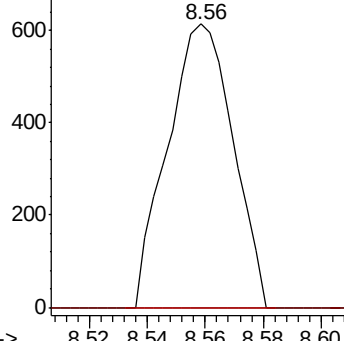
129 100

127 0.0 55.4 102.8#

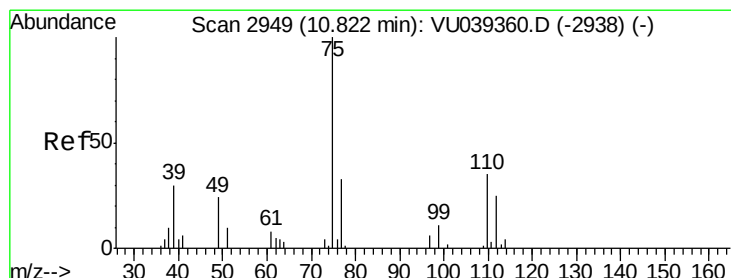
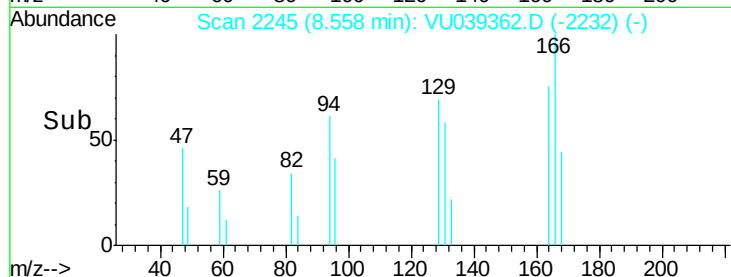


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039362.D

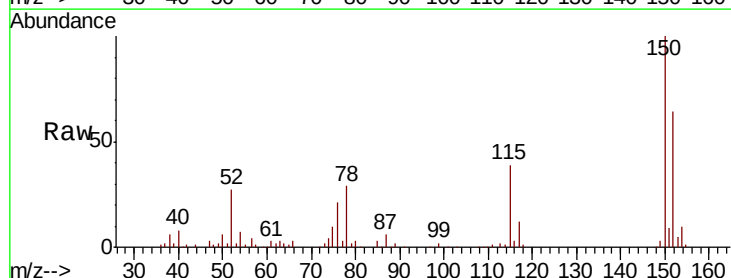
Acq: 08 Jul 2020 22:07

Tgt Ion: 75 Resp: 7231

Ion Ratio Lower Upper

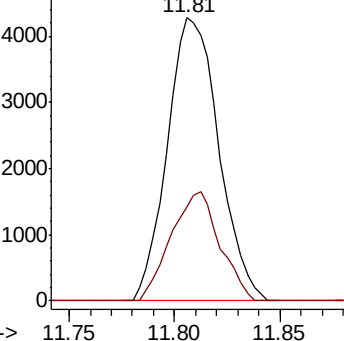
75 100

77 36.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

