

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039063.D
 Acq On : 24 Jun 2020 15:18
 Operator : SY/MD
 Sample : L3109-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F03

Quant Time: Jun 25 01:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	339902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	347522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147275	5.00	ug/L	0.00

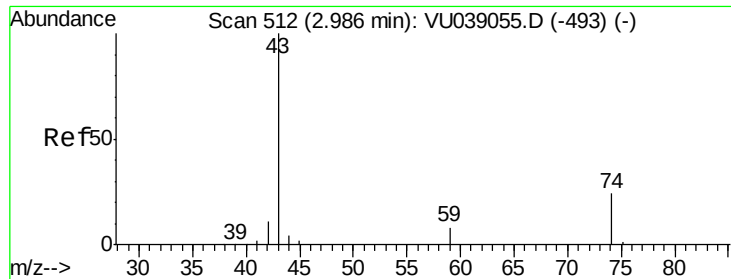
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100260	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	89962	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	149504	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.67	46	395616	44.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.08%
24) Chloroform-d	5.10	84	200494	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.74	65	123229	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.76	84	382701	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.72	67	128071	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.92	98	299282	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.20	79	53535	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.65	63	323634	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116783	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	115091	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.99	43	3088	0.213	ug/L #	76
17) Methyl tert-butyl Ether	3.40	73	27170	0.405	ug/L	97
25) Chloroform	5.13	83	23255	0.462	ug/L	98
34) Trichloroethene	6.57	95	4589	0.174	ug/L	87
35) Methylcyclohexane	6.72	83	30310	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14046	0.475	ug/L #	87
38) Bromodichloromethane	7.13	83	17801	0.483	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	3456	0.084	ug/L #	79
47) Tetrachloroethene	8.57	164	231897	12.182	ug/L	97
48) 2-Hexanone	8.65	43	37784	2.334	ug/L #	67
49) Dibromochloromethane	8.57	129	229195	9.587	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	20100	0.901	ug/L	89

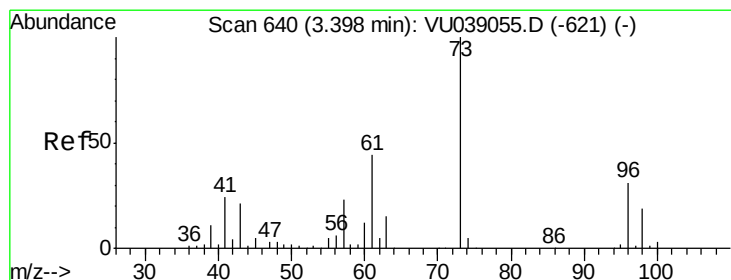
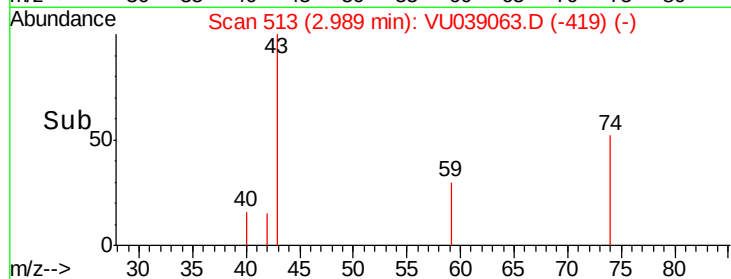
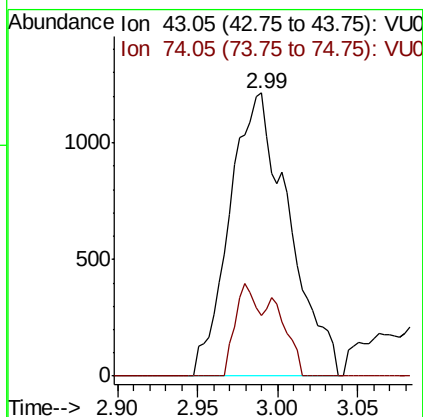
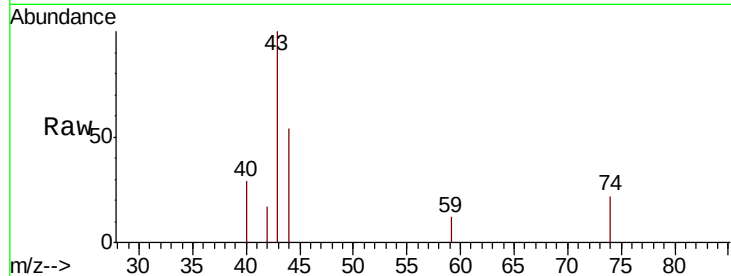
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
Methvl Acetate
Concen: 0.213 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

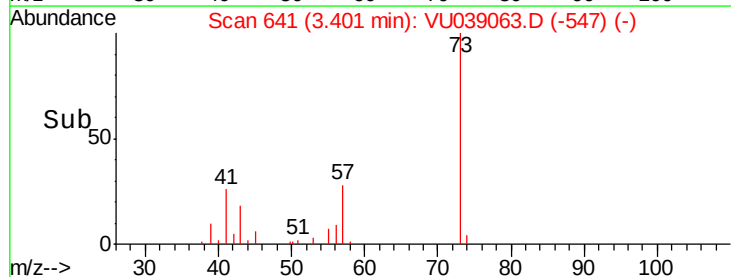
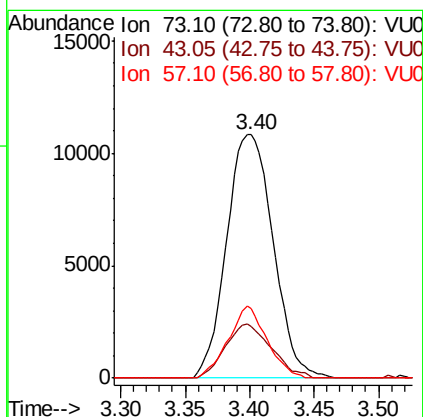
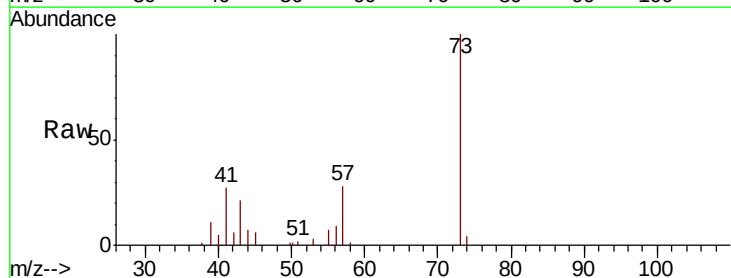
Instrument :
MSVOA_U
ClientSampleId :
F9F03

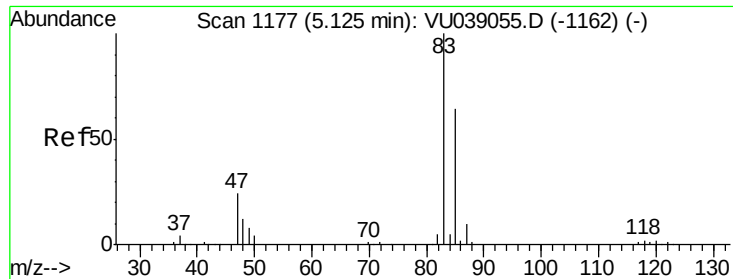
Tot Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
74 10.1 17.0 25.4#



#17
Methyl tert-butyl Ether
Concen: 0.405 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 73 Resp: 27170
Ion Ratio Lower Upper
73 100
43 22.0 16.6 24.8
57 24.6 18.2 27.4

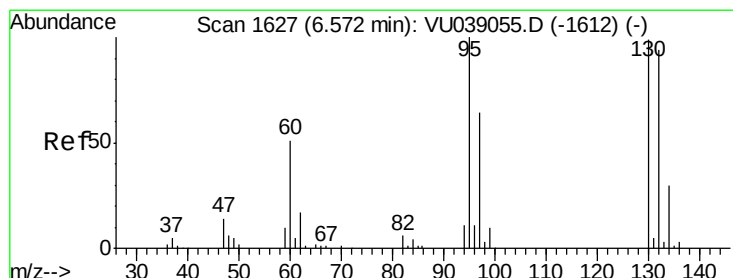
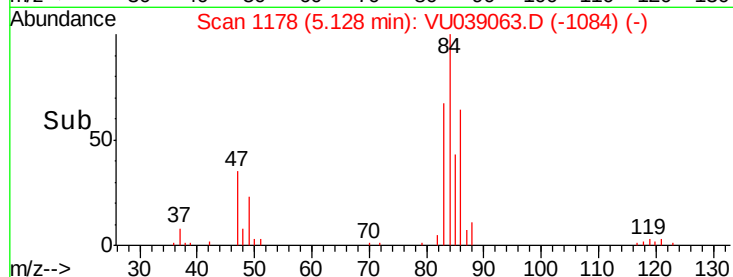
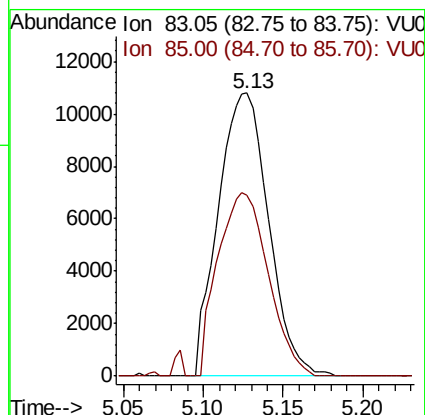
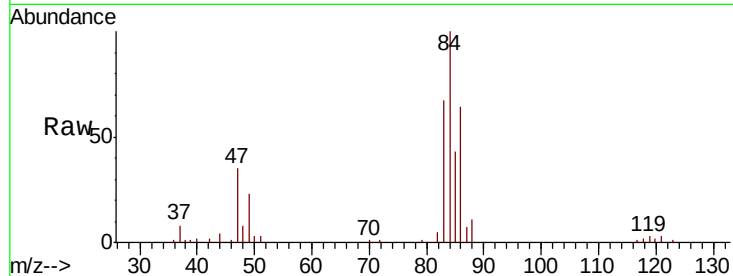




#25
Chloroform
Concen: 0.462 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

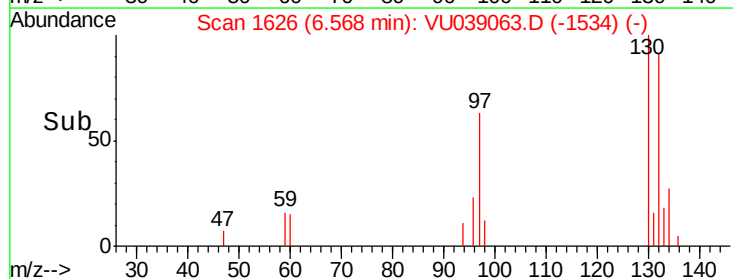
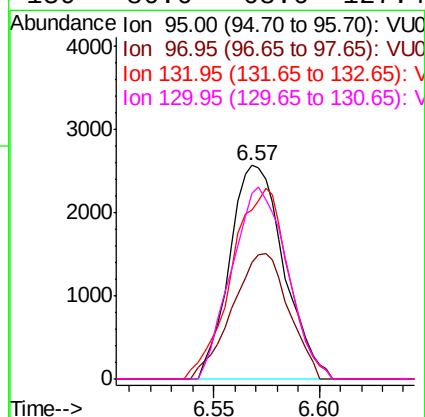
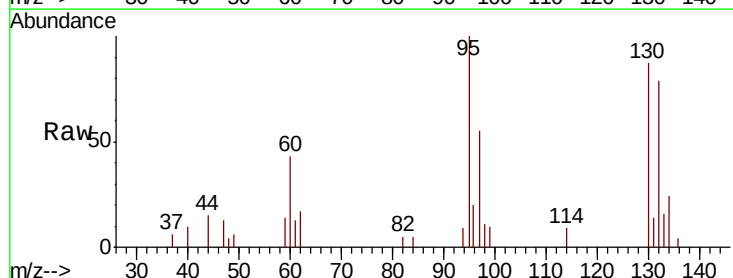
Instrument :
MSVOA_U
ClientSampled :
F9F03

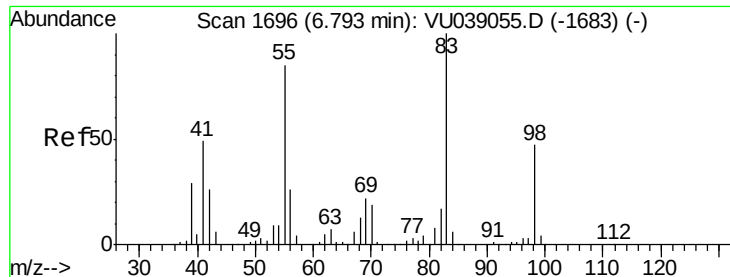
Tot Ion: 83 Resp: 23255
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4



#34
Trichloroethene
Concen: 0.174 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 95 Resp: 4589
Ion Ratio Lower Upper
95 100
97 54.8 45.1 83.7
132 78.9 65.1 120.9
130 86.6 68.6 127.4





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039063.D

Acq: 24 Jun 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

F9F03

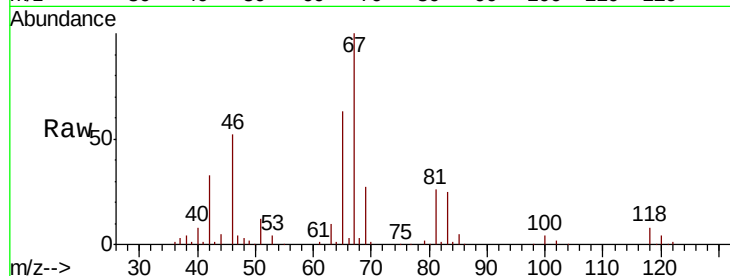
Tot Ion: 83 Resp: 30310

Ion Ratio Lower Upper

83 100

55 0.2 65.5 98.3#

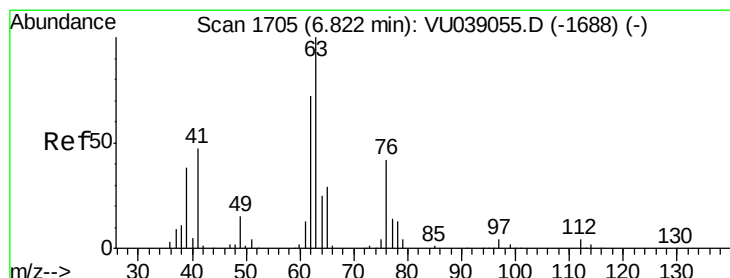
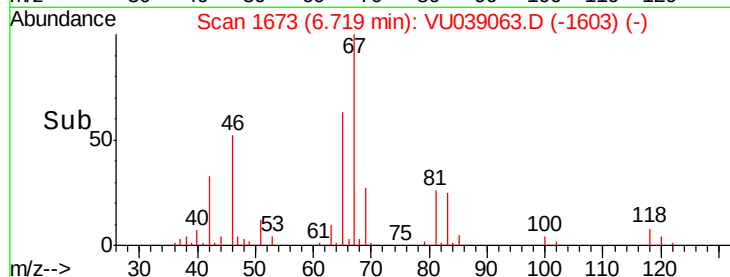
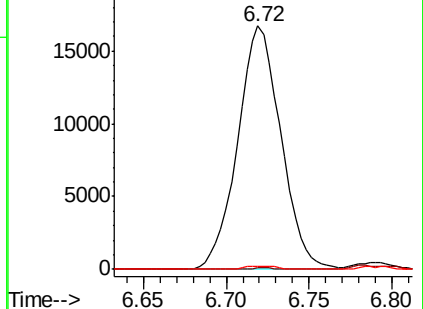
98 1.0 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU039063.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU039063.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU039063.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.475 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039063.D

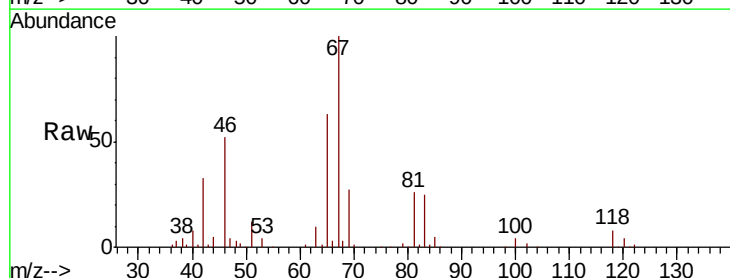
Acq: 24 Jun 2020 15:18

Tgt Ion: 63 Resp: 14046

Ion Ratio Lower Upper

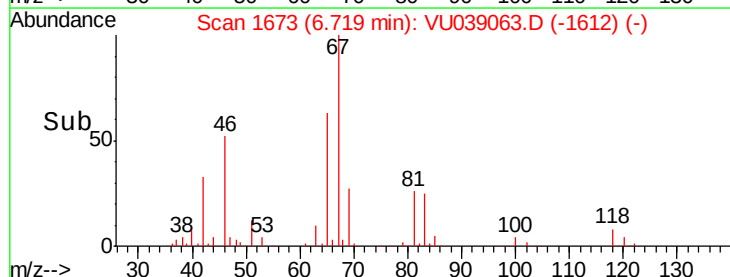
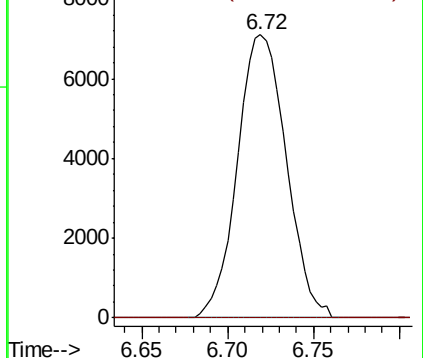
63 100

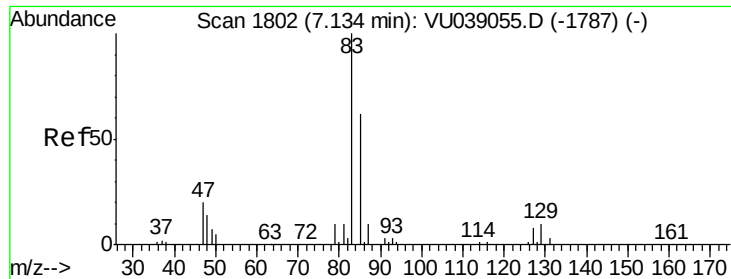
112 0.1 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039063.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU039063.D (-1612) (-)

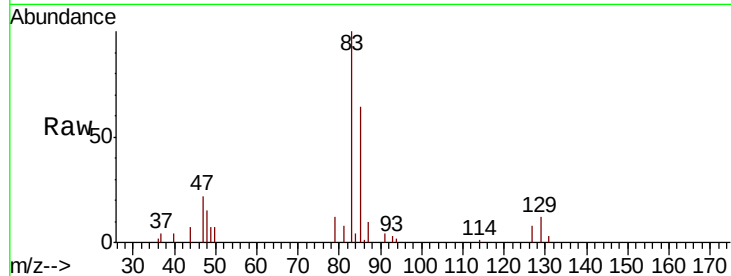




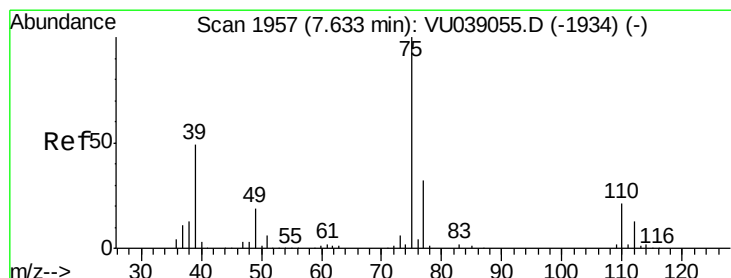
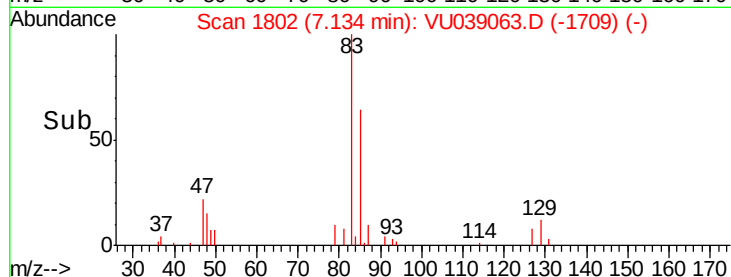
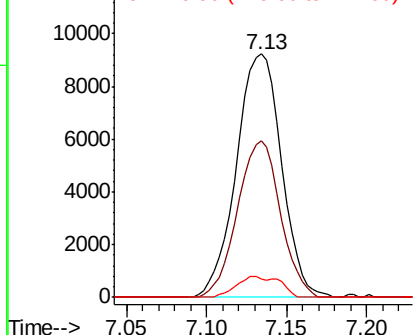
#38
Bromodichloromethane
Concen: 0.483 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Instrument :
MSVOA_U
ClientSampleId :
F9F03

Tot Ion: 83 Resp: 17801
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
127 7.7 6.3 9.5

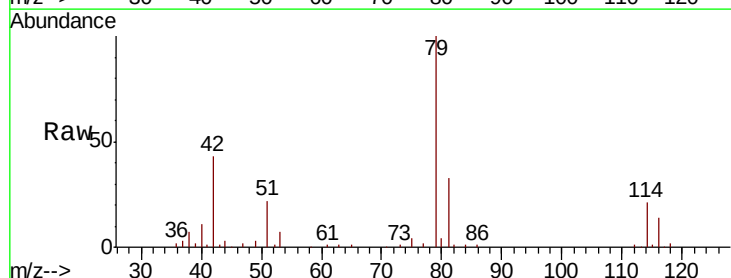


Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 126.90 (126.60 to 127.60): V

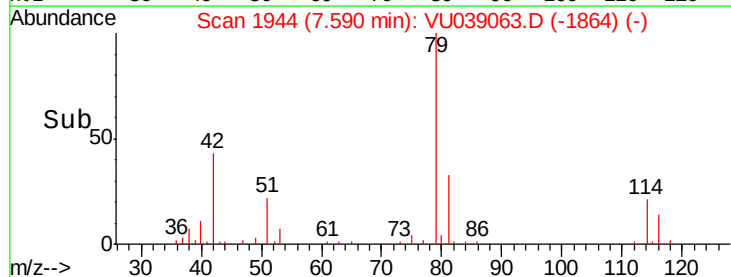
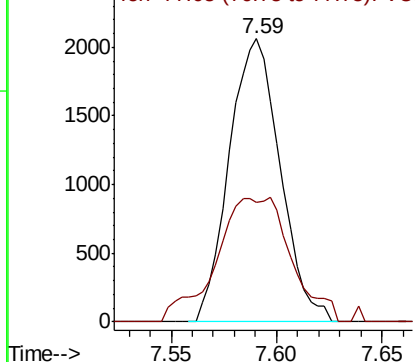


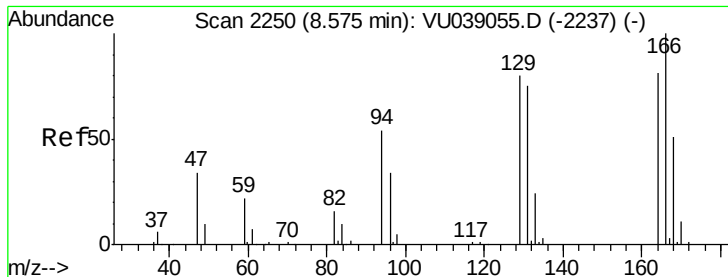
#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion: 75 Resp: 3456
Ion Ratio Lower Upper
75 100
77 42.2 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

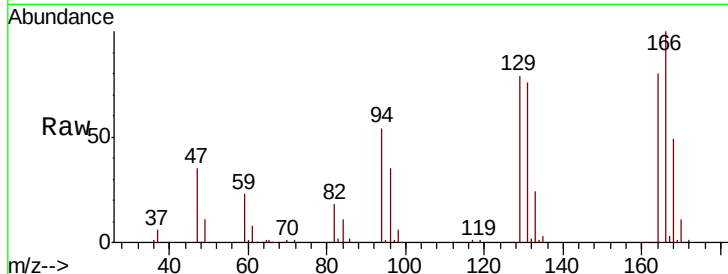




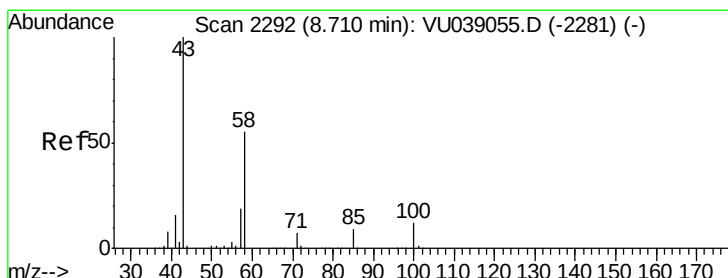
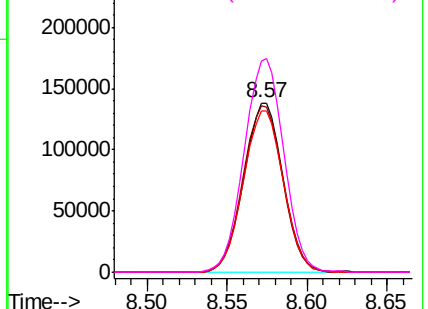
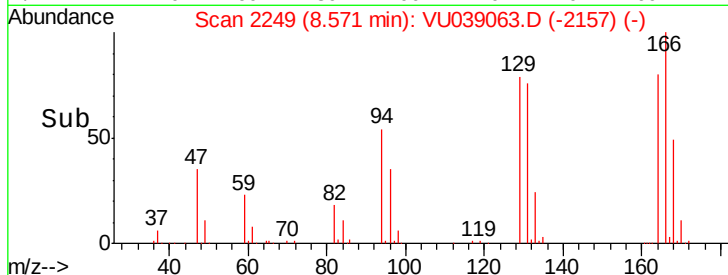
#47
Tetrachloroethene
Concen: 12.182 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Instrument :
MSVOA_U
ClientSampled :
F9F03

Tot Ion:	164	Resp:	231897
Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.3	132.5
131	95.3	68.3	126.8
166	124.8	90.8	168.6

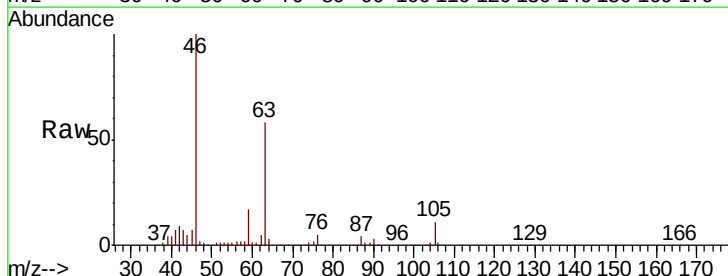


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

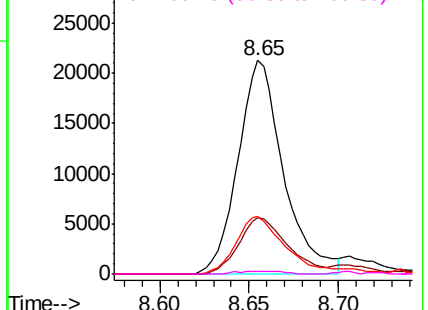
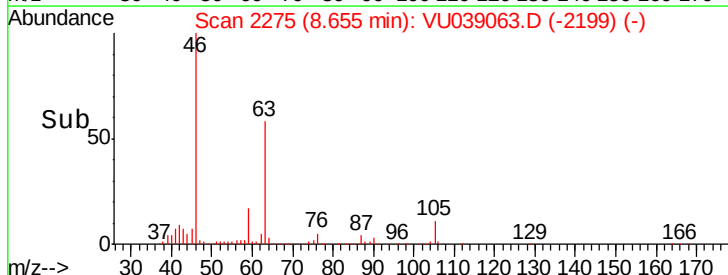


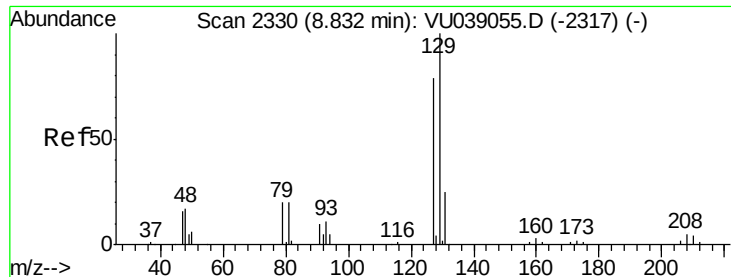
#48
2-Hexanone
Concen: 2.334 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039063.D
Acq: 24 Jun 2020 15:18

Tgt Ion:	43	Resp:	37784
Ion	Ratio	Lower	Upper
43	100		
58	28.3	44.0	66.0#
57	30.4	15.0	22.6#
100	1.3	9.4	14.2#



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: 9.587 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039063.D

Acq: 24 Jun 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

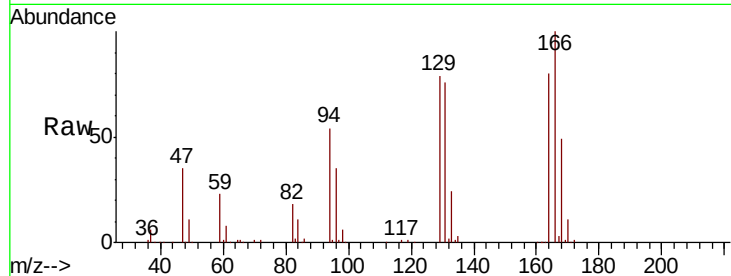
F9F03

Tot Ion:129 Resp: 229195

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

150000

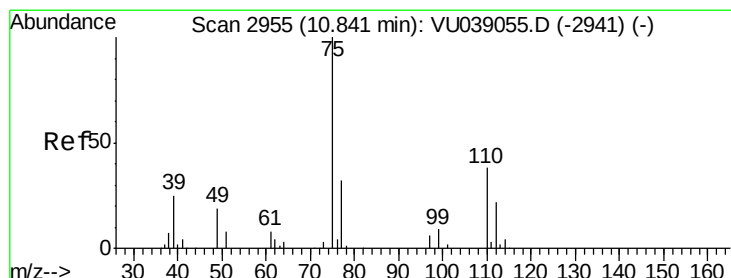
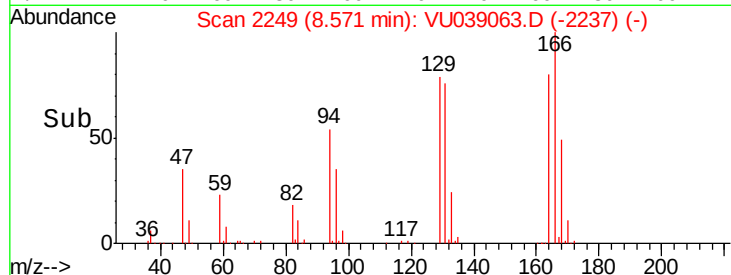
100000

50000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#59

1,2,3-Trichloropropane

Concen: 0.901 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039063.D

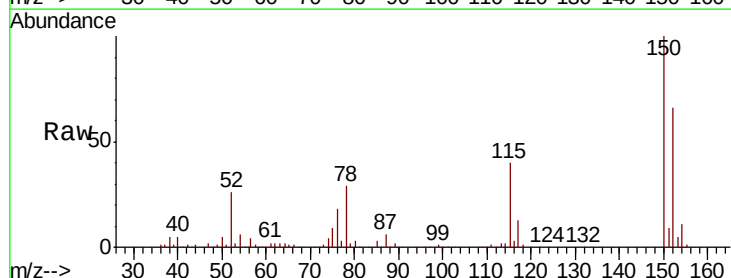
Acq: 24 Jun 2020 15:18

Tgt Ion: 75 Resp: 20100

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

15000

10000

5000

0

Time-->

11.75 11.80 11.85

