

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039087.D
 Acq On : 25 Jun 2020 01:49
 Operator : SY/MD
 Sample : L3110-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F13

Quant Time: Jun 25 02:37:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	275294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	116670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105774	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	92139	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.59	63	150319	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.67	46	437534	59.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	5.10	84	207920	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	129013	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.76	84	409243	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.72	67	135383	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	320567	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	53833	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.65	63	339274	58.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121927	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	122804	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

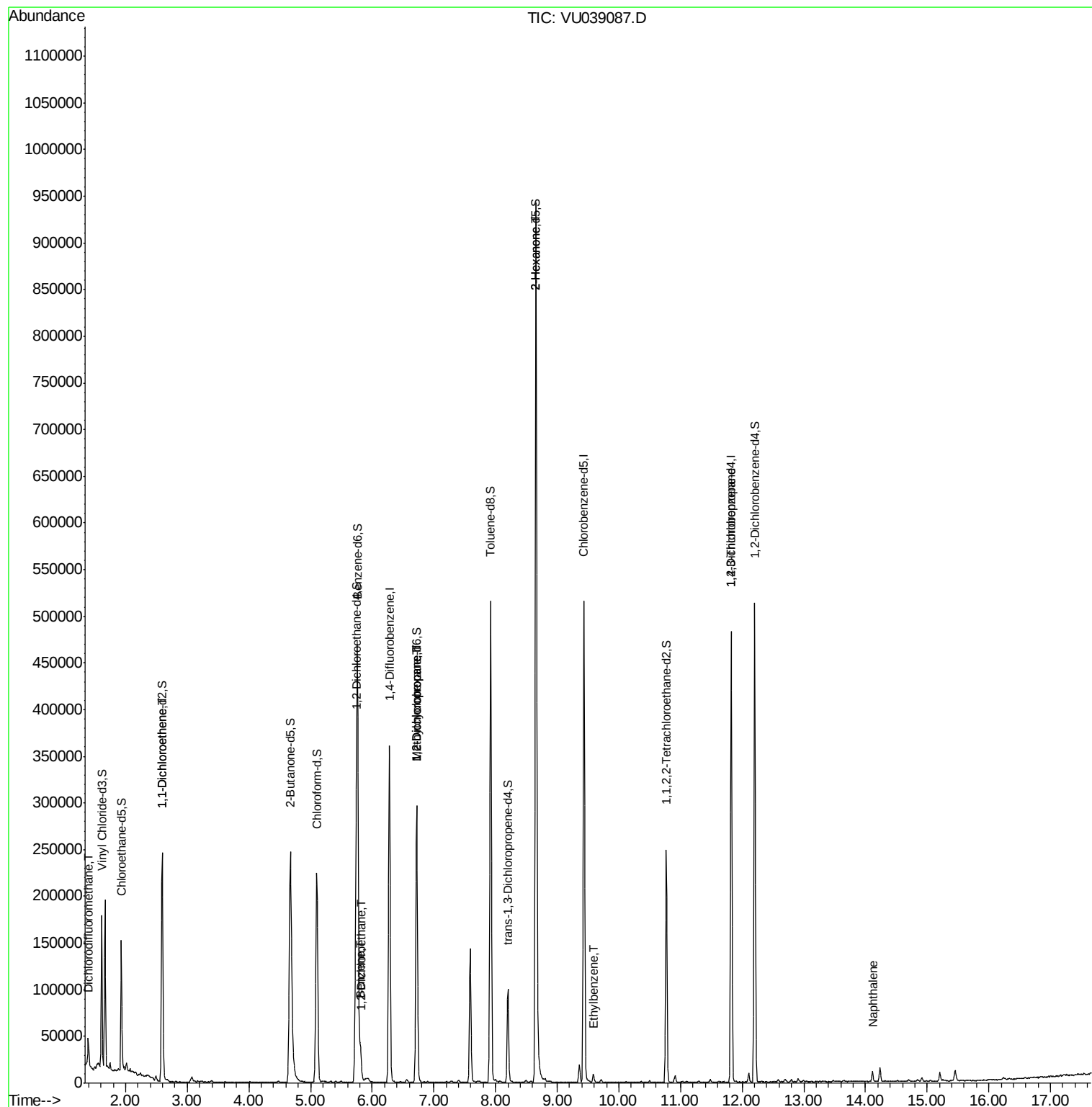
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	11939	0.479	ug/L	96
12) 1,1-Dichloroethene	2.60	96	1276	0.066	ug/L #	1
27) 1,2-Dichloroethane	5.83	62	4480	0.152	ug/L #	94
33) Benzene	5.81	78	36005	0.416	ug/L	100
35) Methylcyclohexane	6.72	83	31072	1.001	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15161	0.647	ug/L #	87
48) 2-Hexanone	8.65	43	40082	3.126	ug/L #	67
52) Ethylbenzene	9.59	91	6978	0.077	ug/L #	82
59) 1,2,3-Trichloropropane	11.82	75	16264	0.921	ug/L	90
69) Naphthalene	14.11	128	8415	0.169	ug/L	98

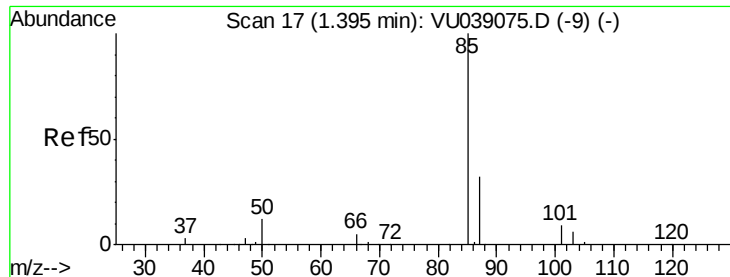
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062420\
Data File : VU039087.D
Acq On : 25 Jun 2020 01:49
Operator : SY/MD
Sample : L3110-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F13

Quant Time: Jun 25 02:37:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.479 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU039087.D

Acq: 25 Jun 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

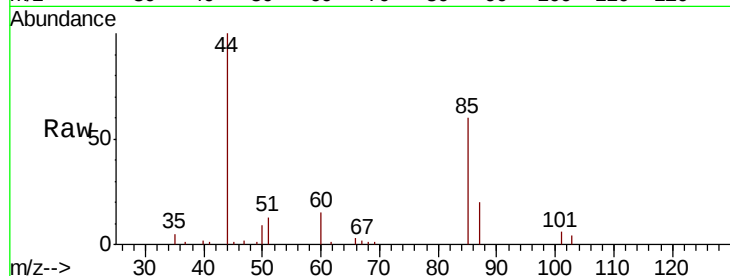
F9F13

Tot Ion: 85 Resp: 11939

Ion Ratio Lower Upper

85 100

87 34.4 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU039087.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039087.D (-1) (-)

1.39

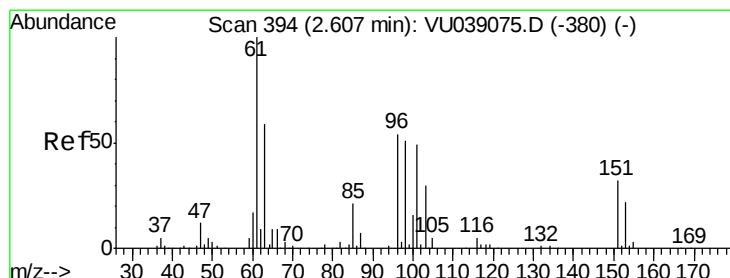
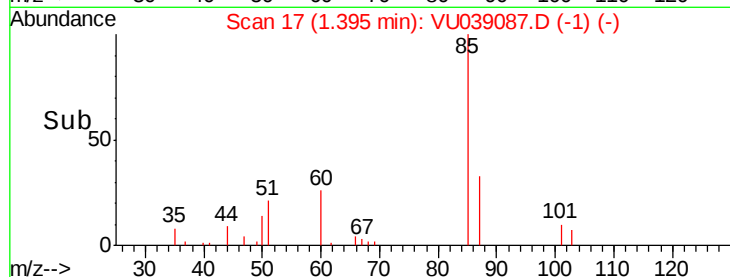
10000

5000

0

Time-->

1.35 1.40 1.45



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU039087.D

Acq: 25 Jun 2020 01:49

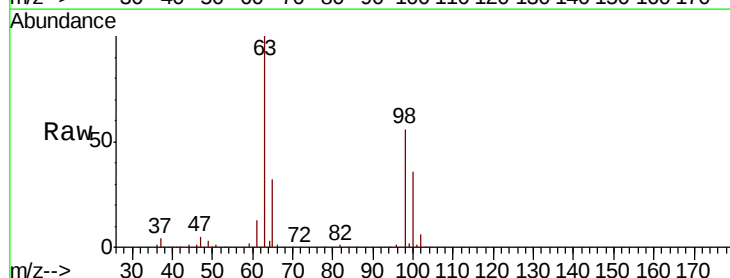
Tgt Ion: 96 Resp: 1276

Ion Ratio Lower Upper

96 100

61 1478.1 125.1 232.3#

63 11568.6 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU039087.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU039087.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU039087.D (-301) (-)

120000

100000

80000

60000

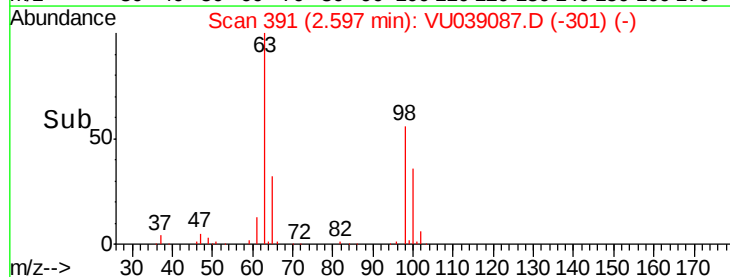
40000

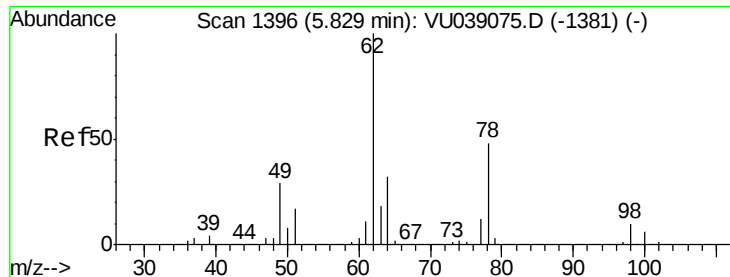
20000

0

Time-->

2.55 2.60

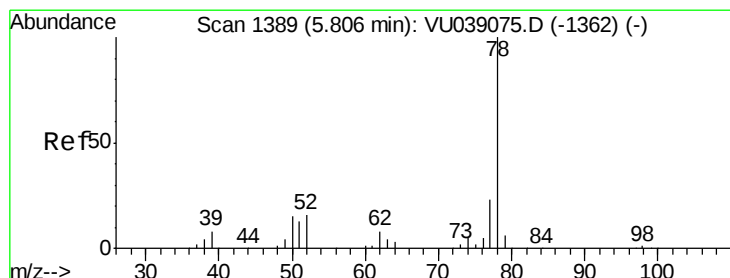
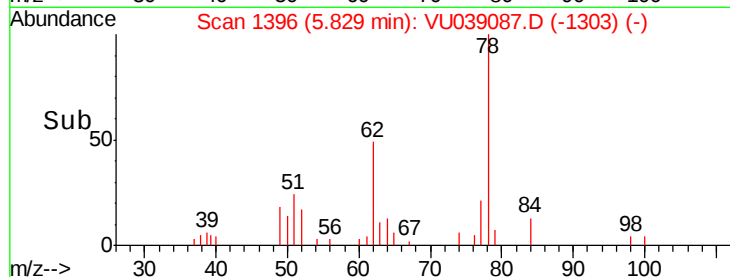
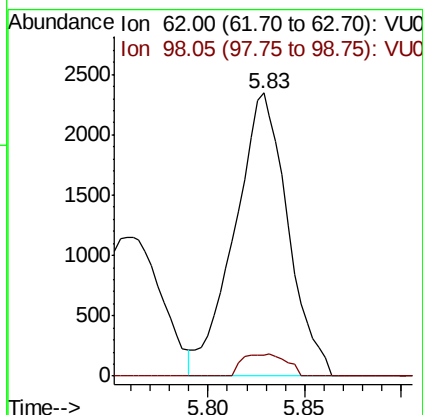
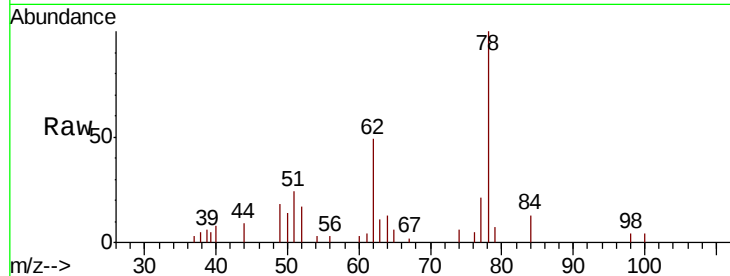




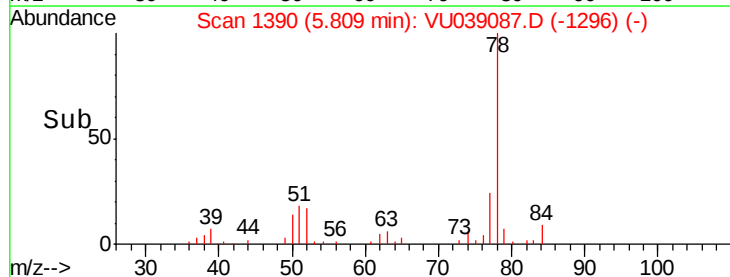
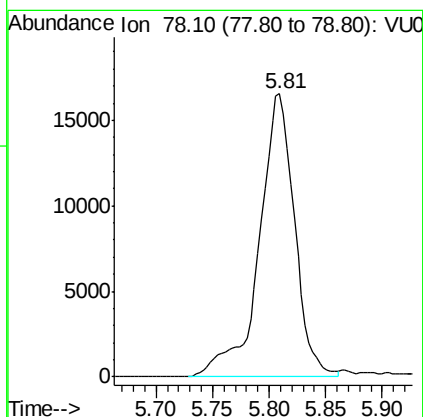
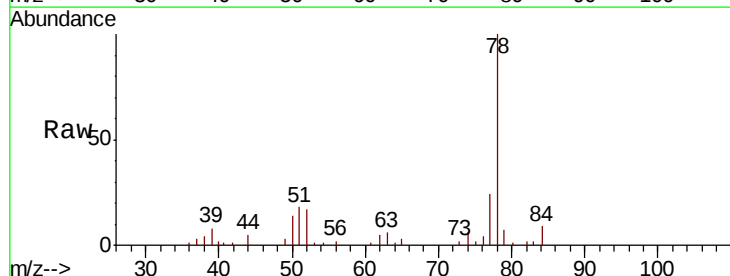
#27
 1,2-Dichloroethane
 Concen: 0.152 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU039087.D
 Acq: 25 Jun 2020 01:49

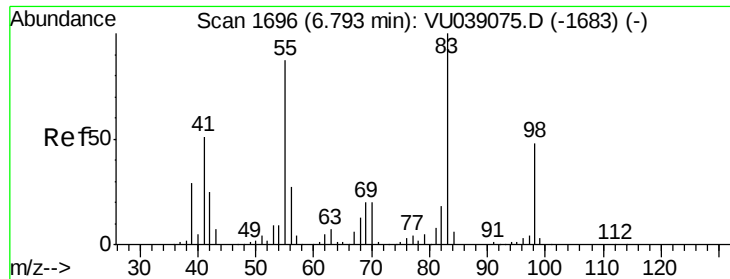
Instrument :
 MSVOA_U
 ClientSampled :
 F9F13

Tot Ion: 62 Resp: 4480
 Ion Ratio Lower Upper
 62 100
 98 7.3 7.7 11.5#



#33
 Benzene
 Concen: 0.416 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU039087.D
 Acq: 25 Jun 2020 01:49
 Tgt Ion: 78 Resp: 36005

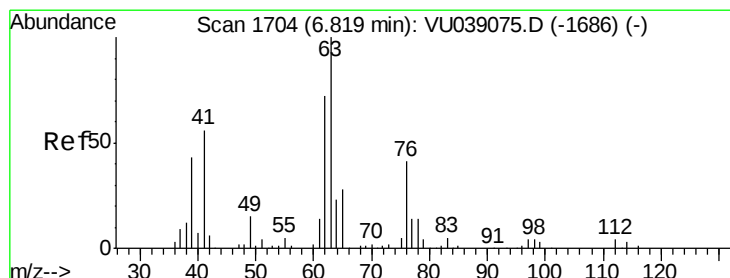
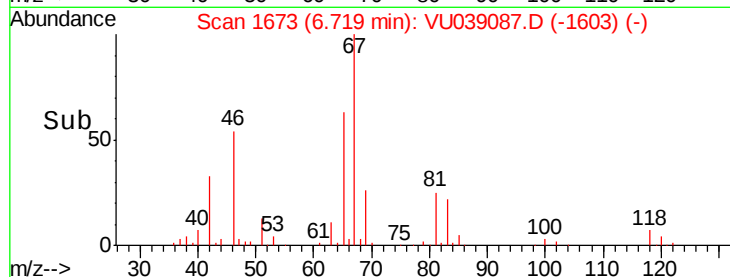
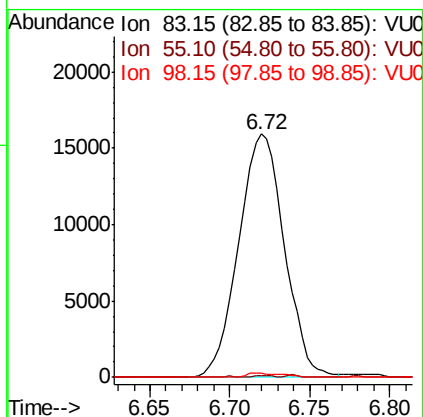
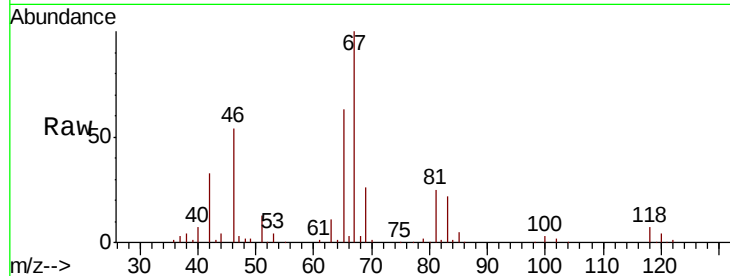




#35
Methvlcvclohexane
Concen: 1.001 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039087.D
Acq: 25 Jun 2020 01:49

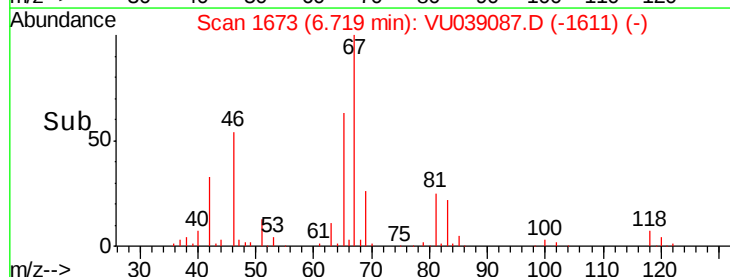
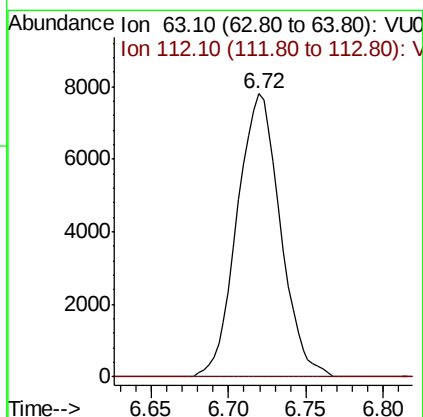
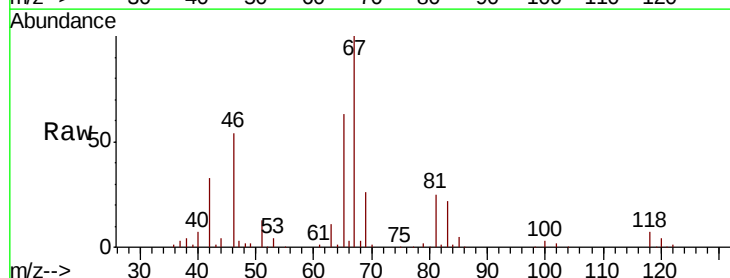
Instrument :
MSVOA_U
ClientSampleId :
F9F13

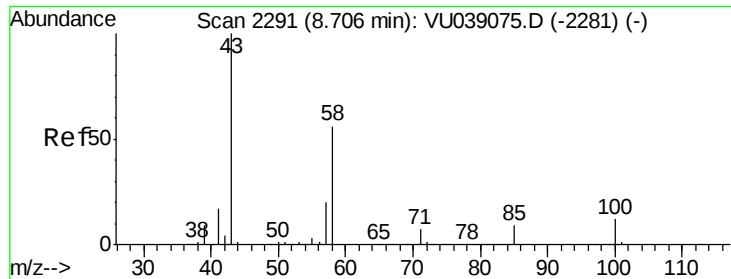
Tot Ion: 83 Resp: 31072
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.3 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039087.D
Acq: 25 Jun 2020 01:49

Tgt Ion: 63 Resp: 15161
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

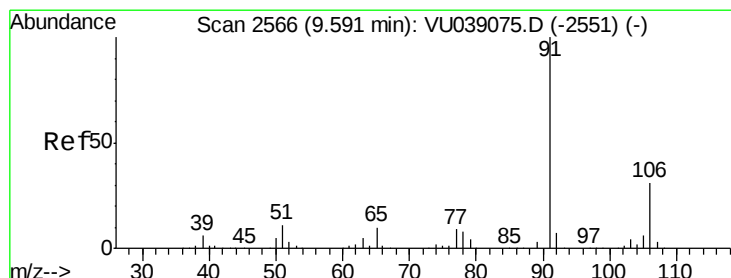
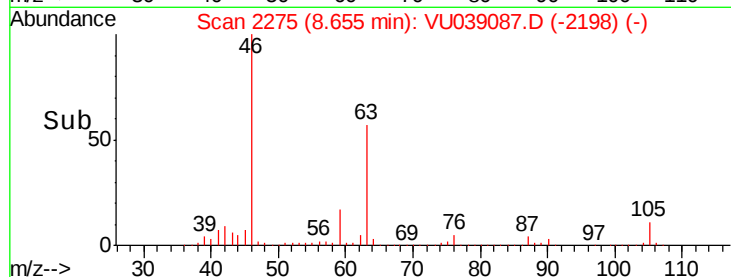
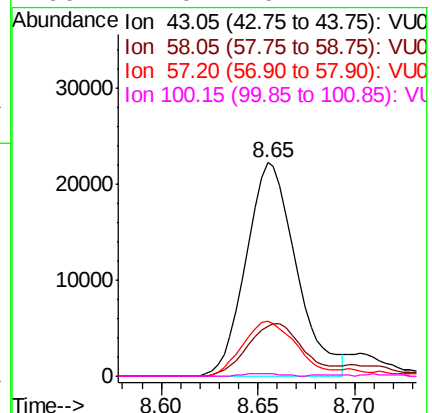
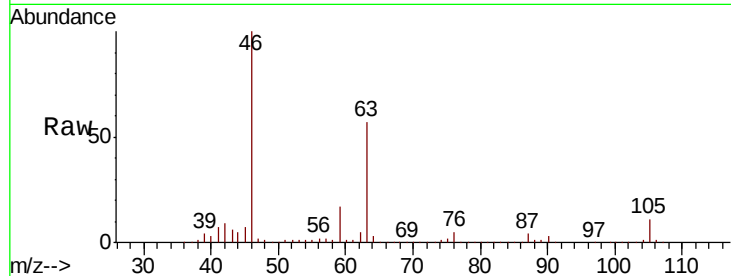




#48
2-Hexanone
Concen: 3.126 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039087.D
Acq: 25 Jun 2020 01:49

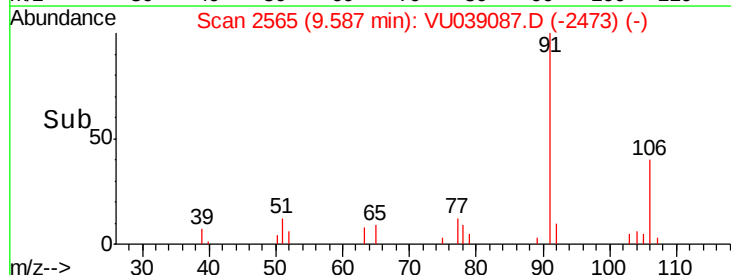
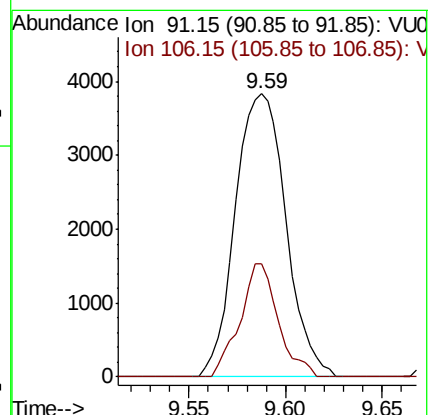
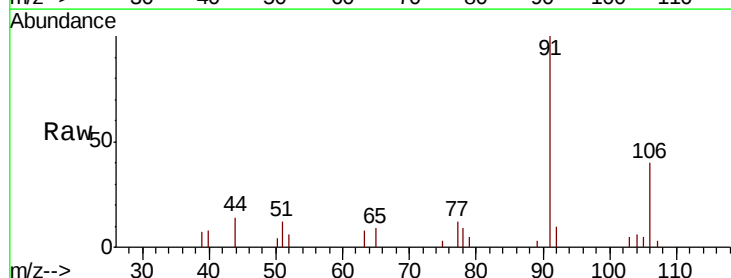
Instrument :
MSVOA_U
ClientSampleId :
F9F13

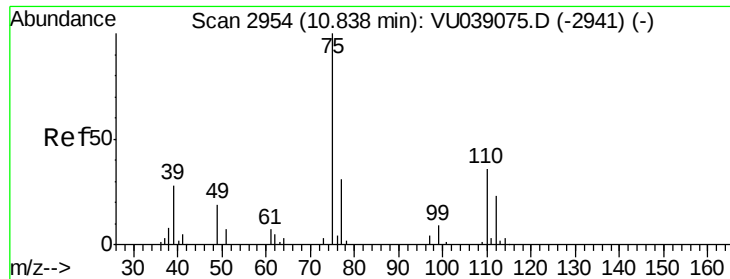
Tot Ion: 43 Resp: 40082
Ion Ratio Lower Upper
43 100
58 27.3 44.0 66.0#
57 27.3 15.0 22.6#
100 1.0 9.4 14.2#



#52
Ethylbenzene
Concen: 0.077 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU039087.D
Acq: 25 Jun 2020 01:49

Tgt Ion: 91 Resp: 6978
Ion Ratio Lower Upper
91 100
106 40.2 21.3 39.6#

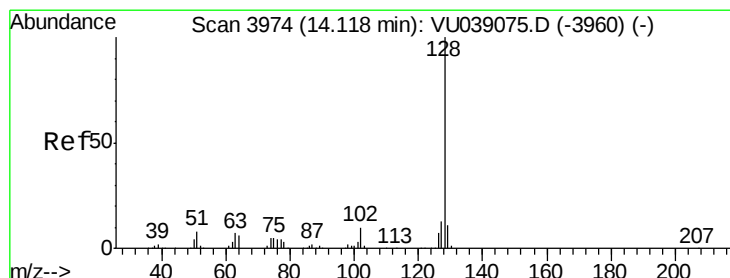
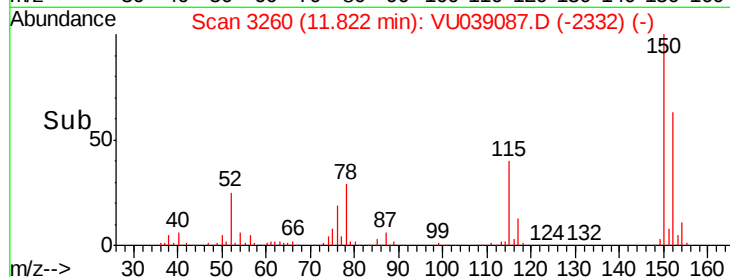
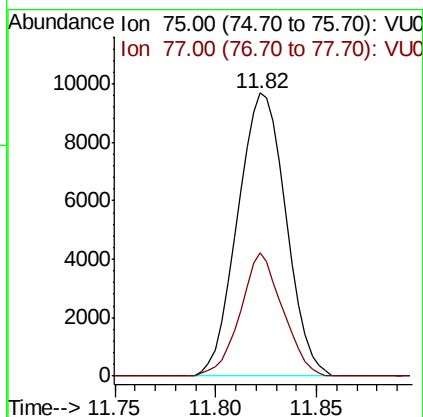
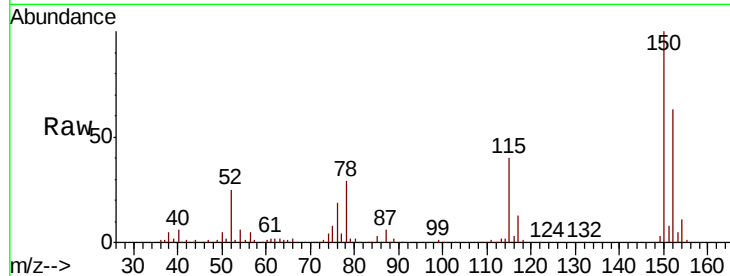




#59
 1,2,3-Trichloropropane
 Concen: 0.921 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039087.D
 Acq: 25 Jun 2020 01:49

Instrument :
 MSVOA_U
 ClientSampled :
 F9F13

Tot Ion: 75 Resp: 16264
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.2 39.2



#69
 Naphthalene
 Concen: 0.169 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: VU039087.D
 Acq: 25 Jun 2020 01:49

Tgt Ion: 128 Resp: 8415
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.9 13.3
 127 12.8 10.8 16.2

