

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039013.D
 Acq On : 22 Jun 2020 18:50
 Operator : SY/MD
 Sample : L3073-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L71

Quant Time: Jun 23 01:28:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119479	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.93	69	90690	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.59	63	168630	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.67	46	377274	55.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	5.10	84	187516	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	128293	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	426025	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.72	67	138678	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.92	98	335556	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	55427	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.65	63	289632	54.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119207	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	132002	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

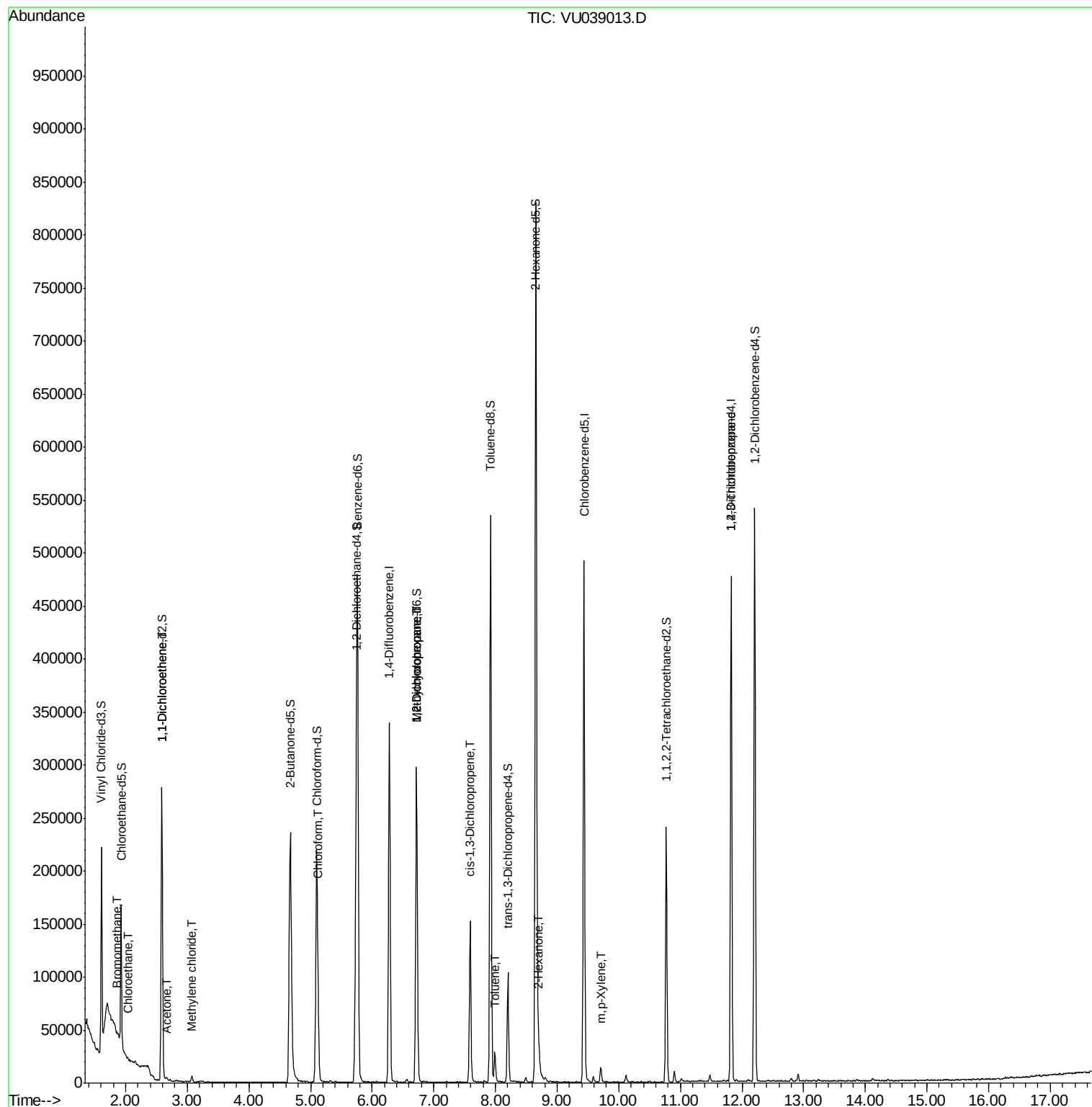
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	1111	0.178	ug/L	96
8) Chloroethane	2.04	64	1353	0.094	ug/L #	55
12) 1,1-Dichloroethene	2.58	96	1209	0.065	ug/L #	1
13) Acetone	2.67	43	5006	1.157	ug/L	90
16) Methylene chloride	3.07	84	2221	0.099	ug/L	93
25) Chloroform	5.12	83	25209	0.621	ug/L	99
35) Methylcyclohexane	6.72	83	32435	1.009	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14806	0.648	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3932	0.120	ug/L #	72
42) Toluene	7.99	91	18170	0.213	ug/L	97
48) 2-Hexanone	8.71	43	13188	1.043	ug/L #	96
53) m,p-Xylene	9.71	106	3752	0.108	ug/L	78
59) 1,2,3-Trichloropropane	11.82	75	15800	0.939	ug/L	90

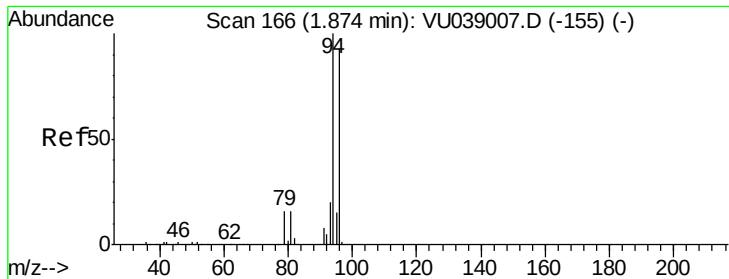
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.178 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

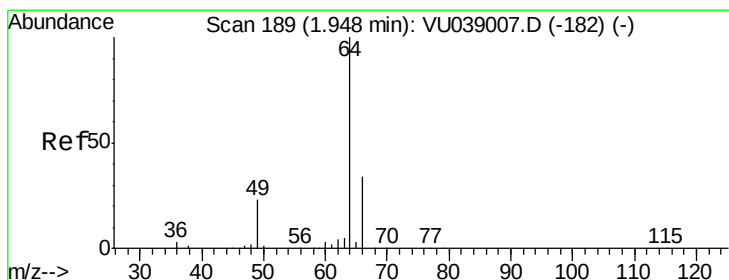
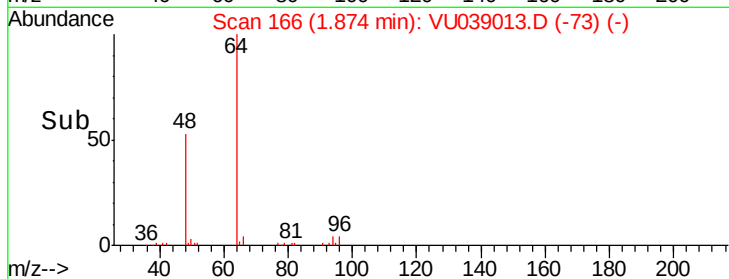
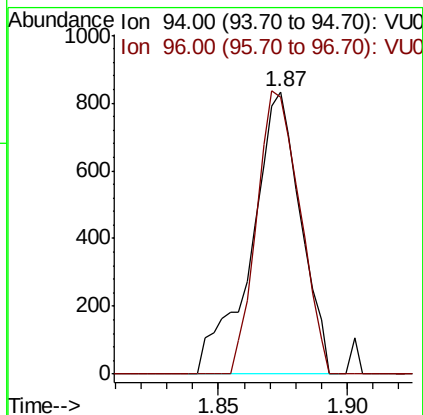
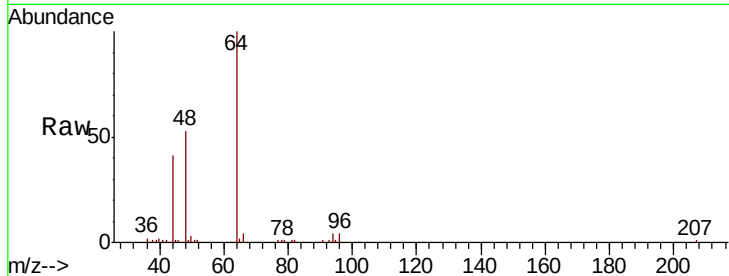
F9L71

Tot Ion: 94 Resp: 1111

Ion Ratio Lower Upper

94 100

96 97.8 65.5 121.7



#8

Chloroethane

Concen: 0.094 ug/L

RT: 2.04 min Scan# 219

Delta R.T. 0.10 min

Lab File: VU039013.D

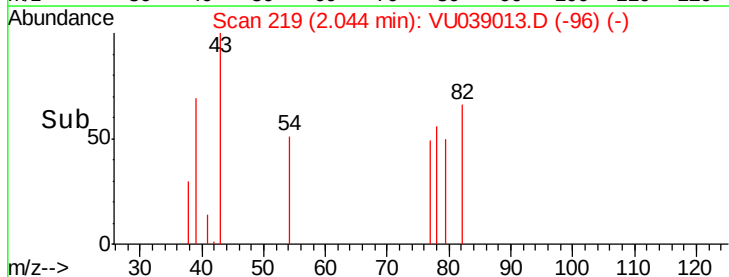
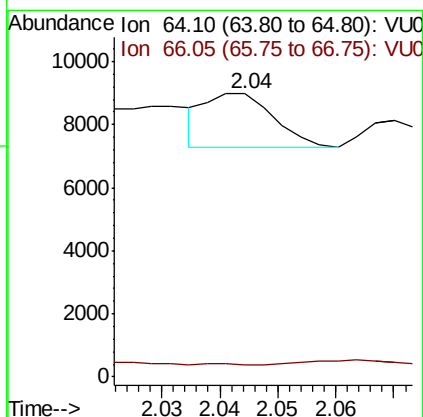
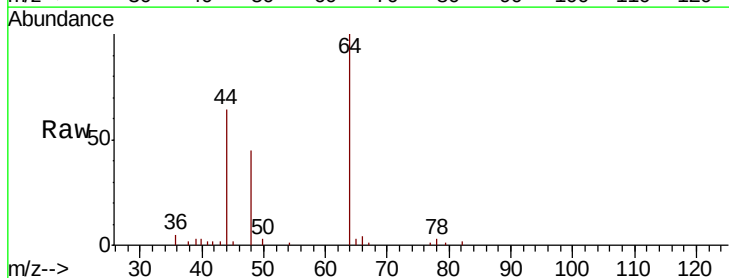
Acq: 22 Jun 2020 18:50

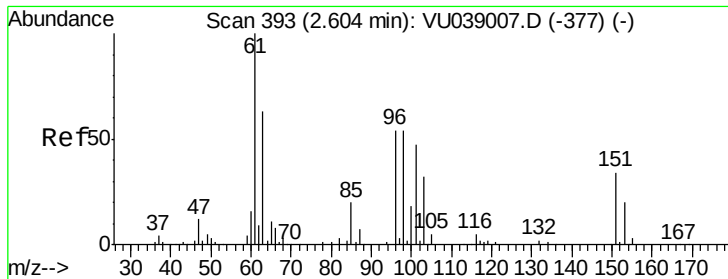
Tgt Ion: 64 Resp: 1353

Ion Ratio Lower Upper

64 100

66 4.3 19.4 36.0#





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

F9L71

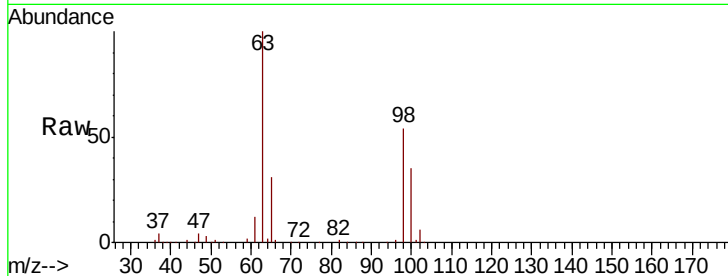
Tot Ion: 96 Resp: 1209

Ion Ratio Lower Upper

96 100

61 1632.1 128.7 239.1#

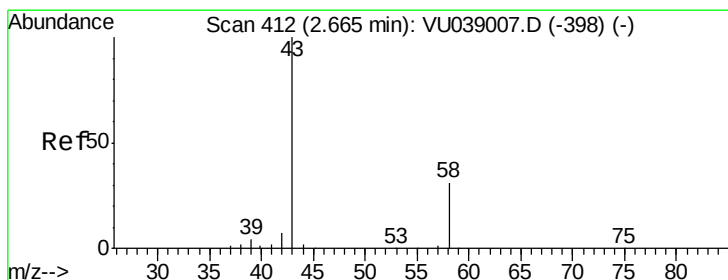
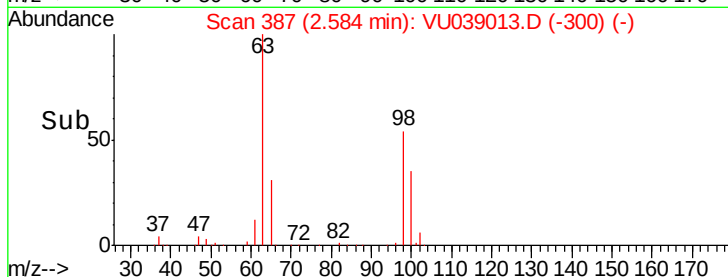
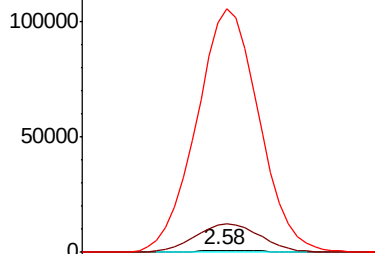
63 13612.1 101.5 188.5#



Abundance Ion 96.00 (95.70 to 96.70): VU039013.D (-387) (-)

Ion 61.05 (60.75 to 61.75): VU039013.D (-387) (-)

Ion 63.00 (62.70 to 63.70): VU039013.D (-387) (-)



#13

Acetone

Concen: 1.157 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU039013.D

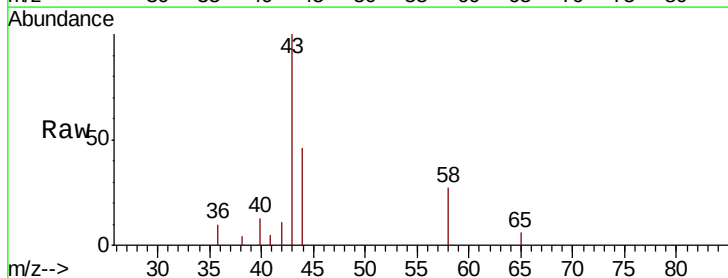
Acq: 22 Jun 2020 18:50

Tgt Ion: 43 Resp: 5006

Ion Ratio Lower Upper

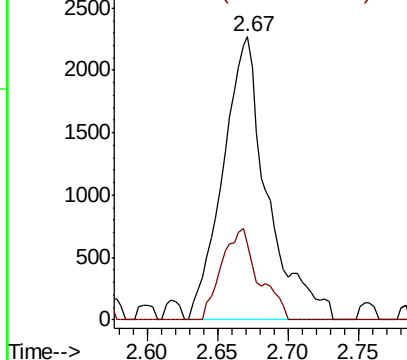
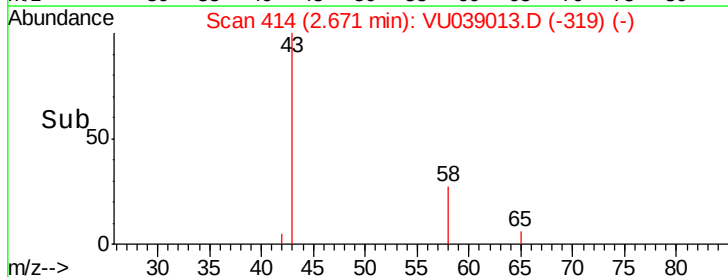
43 100

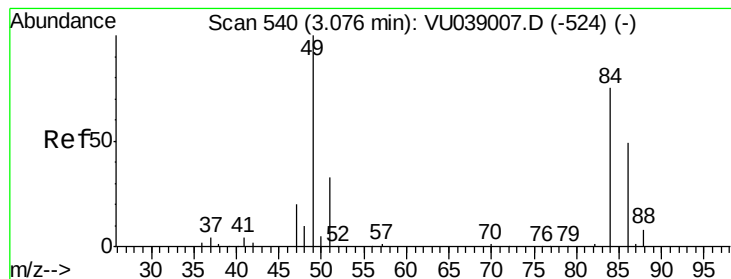
58 26.7 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039013.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU039013.D (-412) (-)





#16

Methvlene chloride

Concen: 0.099 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

F9L71

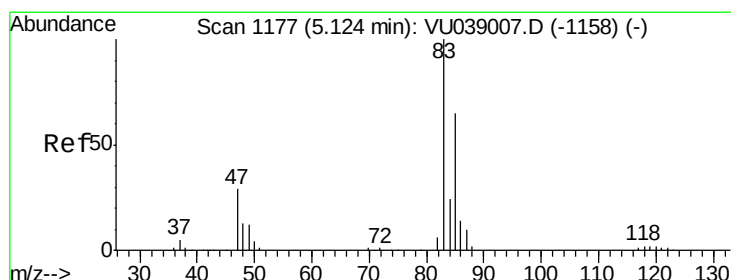
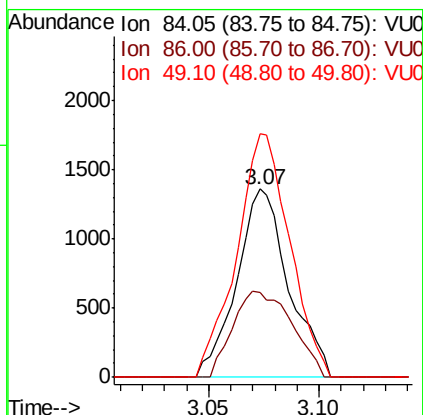
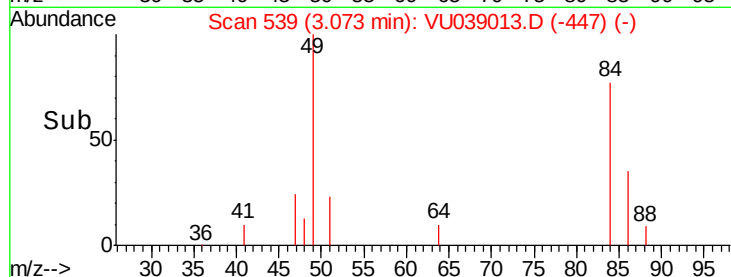
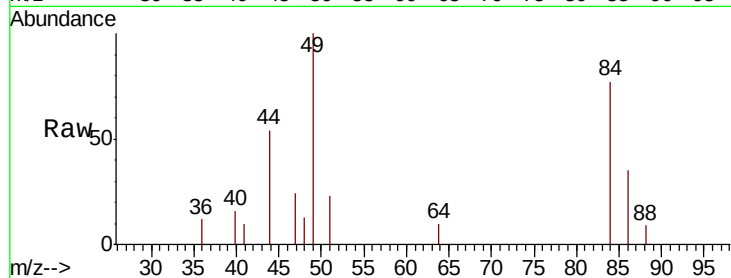
Tot Ion: 84 Resp: 2221

Ion Ratio Lower Upper

84 100

86 44.9 43.1 80.1

49 129.4 90.9 168.9



#25

Chloroform

Concen: 0.621 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039013.D

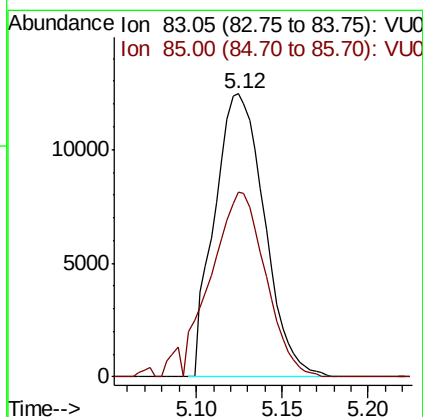
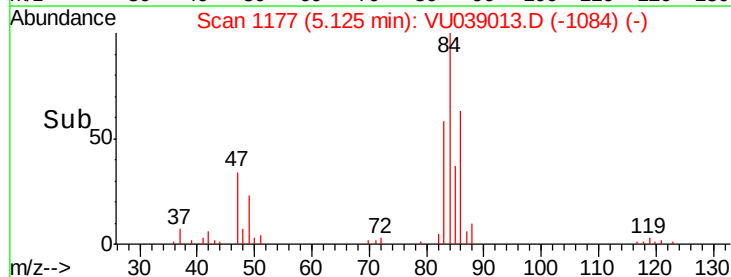
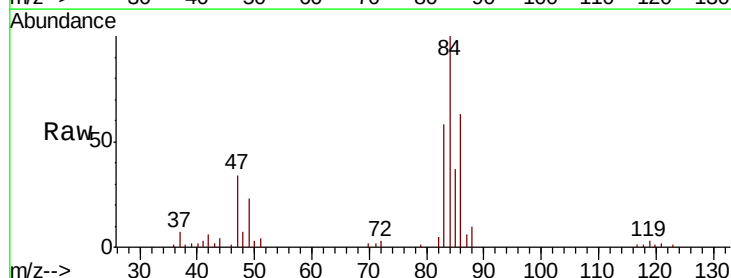
Acq: 22 Jun 2020 18:50

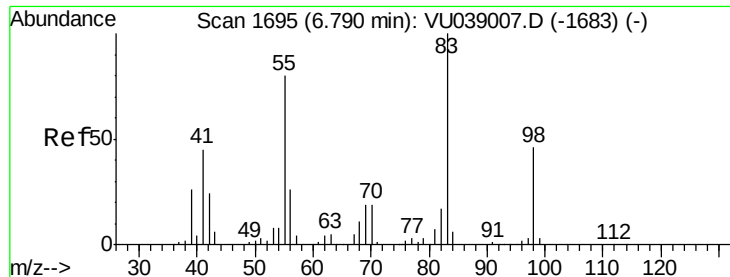
Tgt Ion: 83 Resp: 25209

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.5

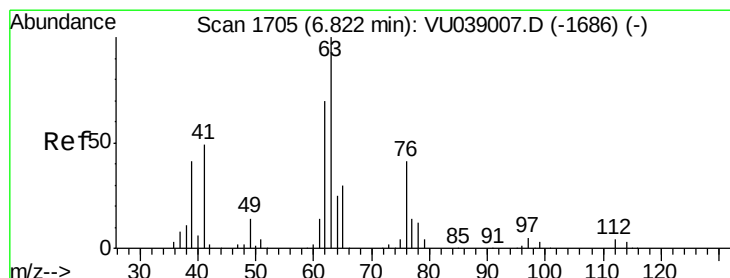
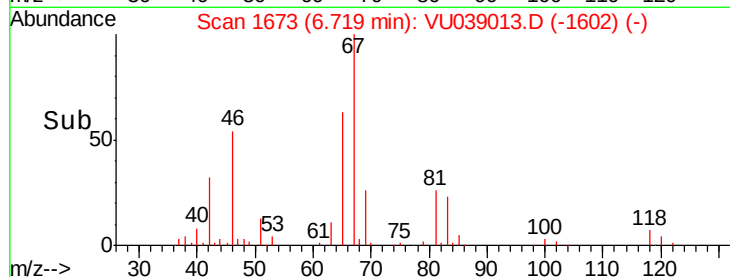
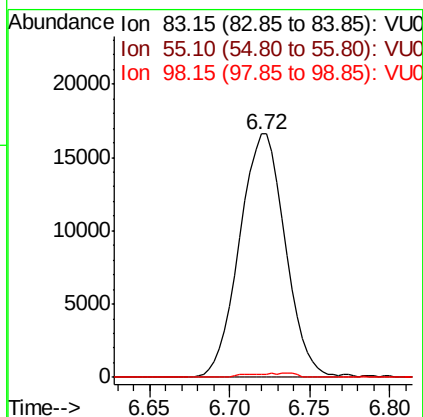
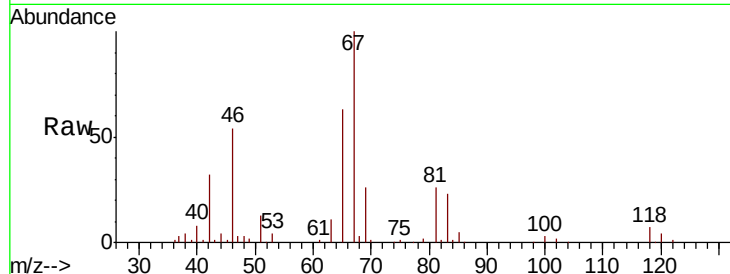




#35
Methvlcvclohexane
Concen: 1.009 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

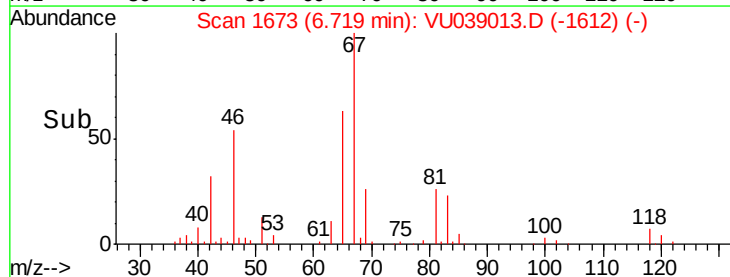
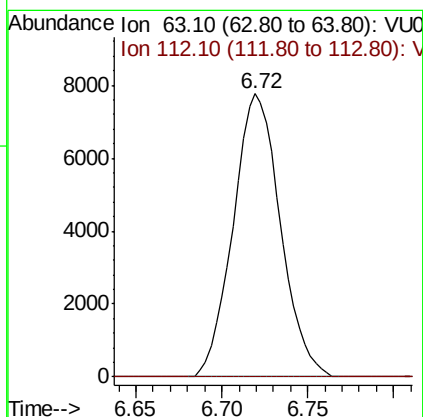
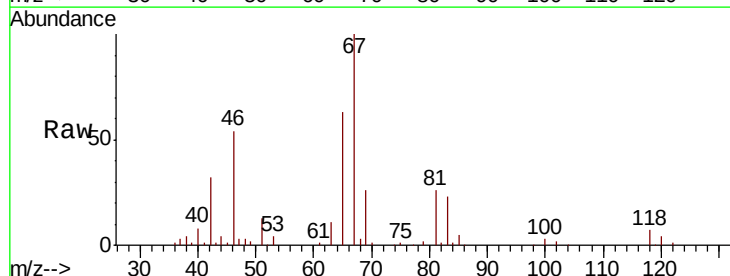
Instrument :
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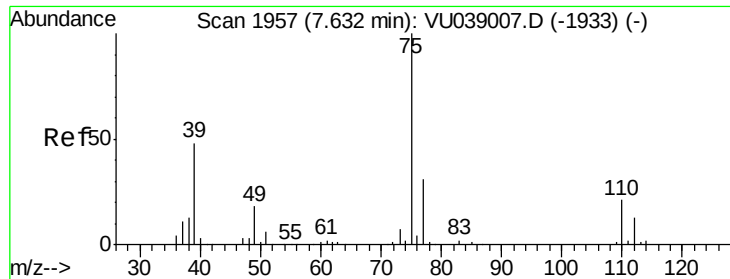
Tot Ion: 83 Resp: 32435
Ion Ratio Lower Upper
83 100
55 0.0 65.1 97.7#
98 0.6 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

Tgt Ion: 63 Resp: 14806
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#

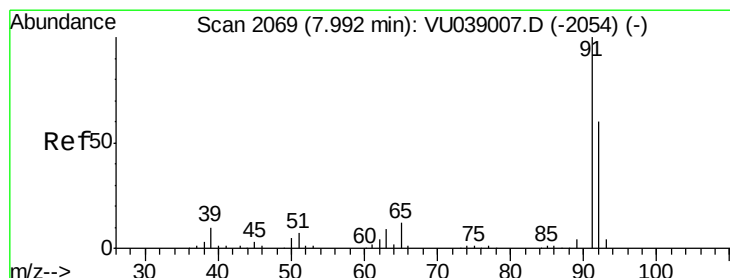
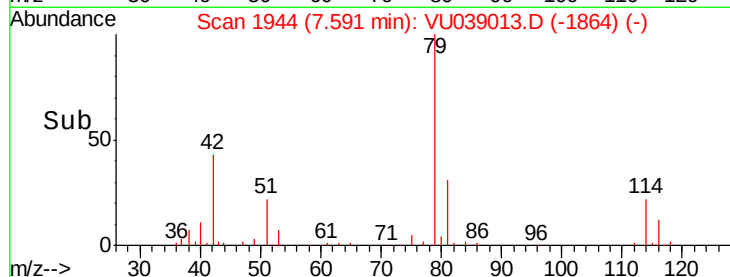
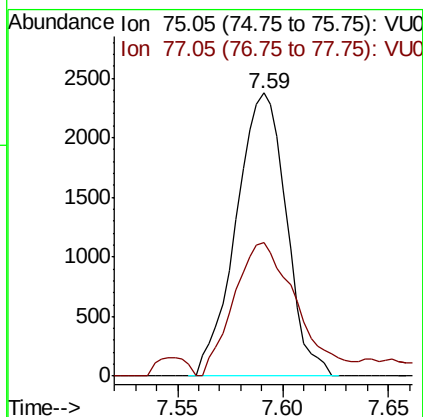
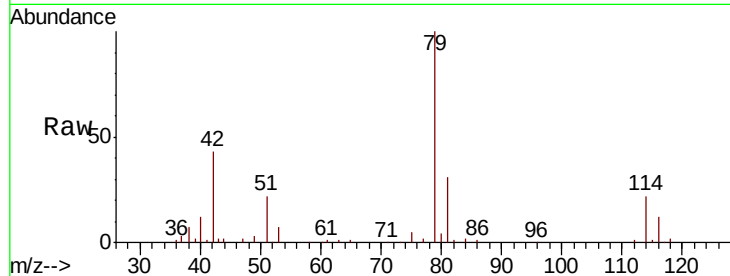




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039013.D
 Acq: 22 Jun 2020 18:50

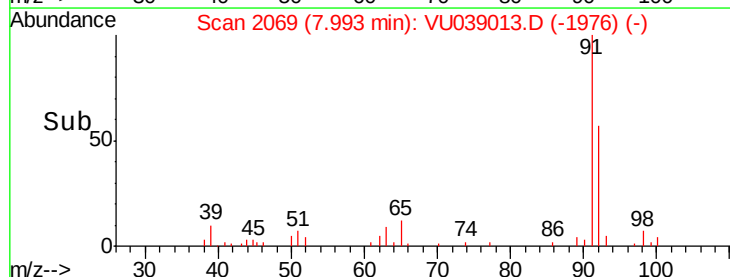
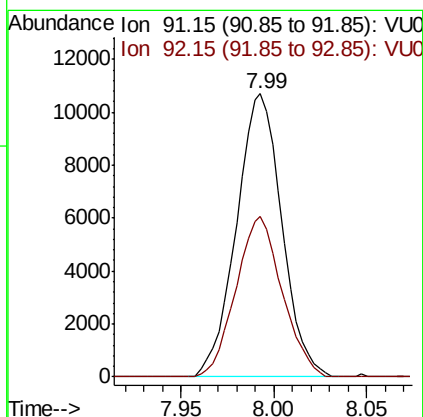
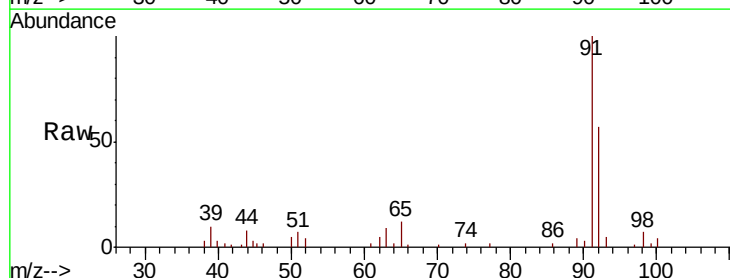
Instrument :
 MSVOA_U
 ClientSampled :
 F9L71

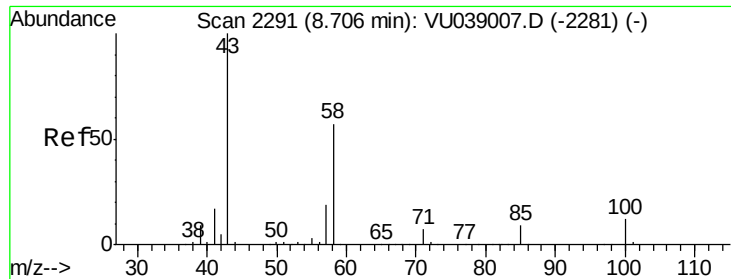
Tot Ion: 75 Resp: 3932
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.0 41.0#



#42
 Toluene
 Concen: 0.213 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU039013.D
 Acq: 22 Jun 2020 18:50

Tgt Ion: 91 Resp: 18170
 Ion Ratio Lower Upper
 91 100
 92 56.5 40.9 76.0

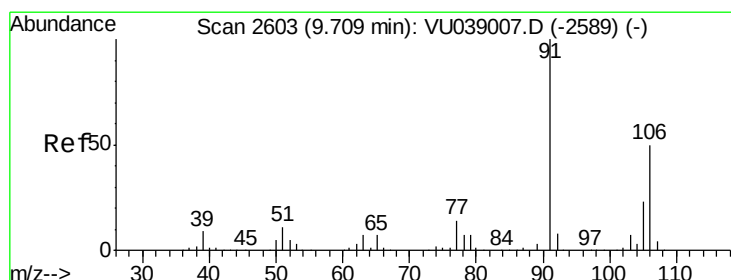
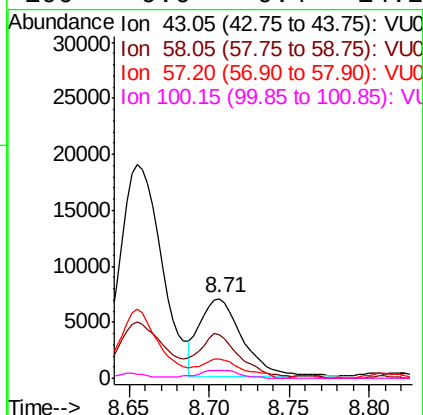
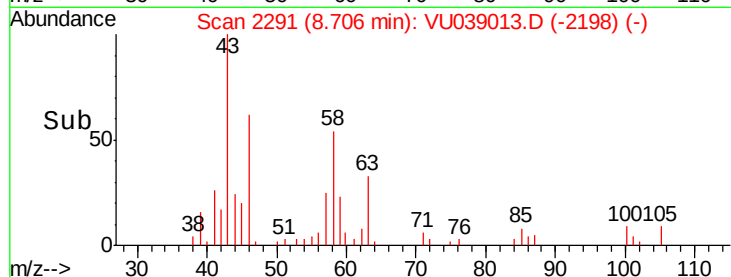
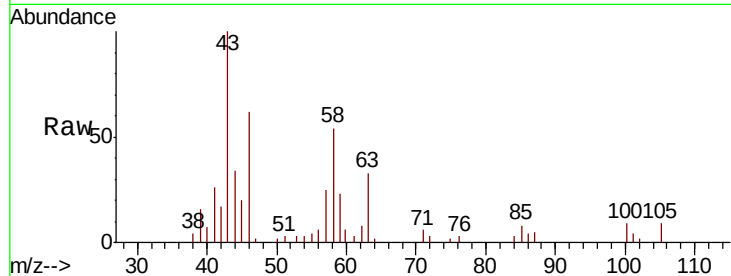




#48
2-Hexanone
Concen: 1.043 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

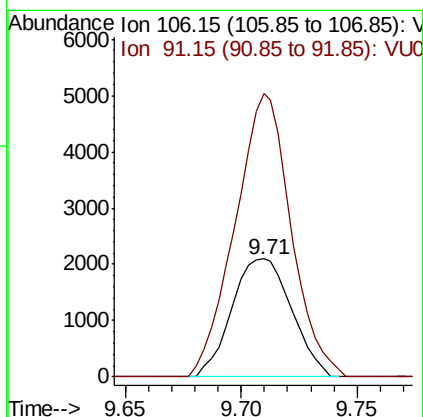
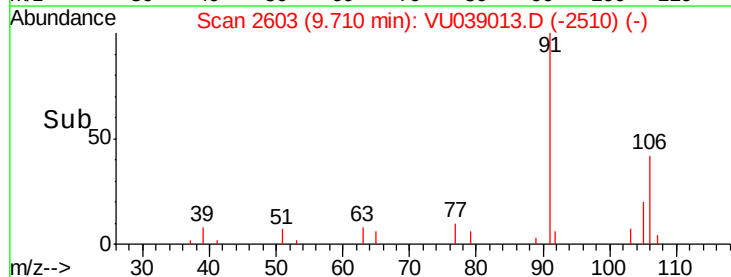
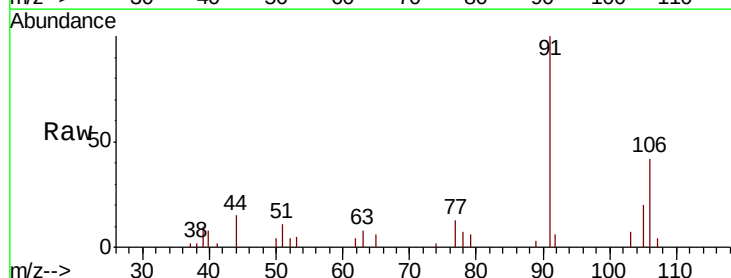
Instrument :
MSVOA_U
ClientSampled :
F9L71

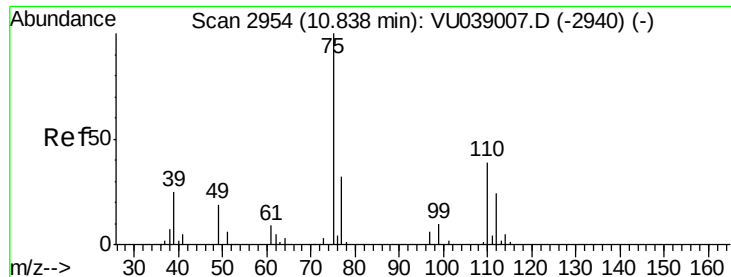
Tot Ion: 43 Resp: 13188
Ion Ratio Lower Upper
43 100
58 54.9 43.5 65.3
57 23.8 15.0 22.4#
100 9.6 9.4 14.2



#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

Tgt Ion: 106 Resp: 3752
Ion Ratio Lower Upper
106 100
91 240.6 144.4 268.2





#59

1,2,3-Trichloropropane

Concen: 0.939 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

F9L71

Tot Ion: 75 Resp: 15800

Ion Ratio Lower Upper

75 100

77 37.6 25.5 38.3

