

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039595.D
 Acq On : 21 Jul 2020 14:03
 Operator : SY/MD
 Sample : L3348-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 02:05:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	117021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24113	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	24002	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	55390	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.66	46	115454	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	5.09	84	61649	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	41693	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	123328	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.71	67	39750	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.91	98	112189	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	16878	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	87124	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37768	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44372	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	26158	4.209	ug/L	93
6) Bromomethane	1.87	94	17100	3.978	ug/L	99
9) Trichlorofluoromethane	2.15	101	114325	8.117	ug/L	99
12) 1,1-Dichloroethene	2.59	96	21629	3.908	ug/L	85
13) Acetone	2.67	43	103046	75.577	ug/L	99
14) Carbon disulfide	2.81	76	99752	5.992	ug/L	100
15) Methyl Acetate	2.85	43	715	0.215	ug/L #	56
16) Methylene chloride	3.06	84	19466	2.435	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	159198	9.051	ug/L	99
19) 1,1-Dichloroethane	3.89	63	114840	9.113	ug/L	99
21) 2-Butanone	4.74	43	261844	110.864	ug/L	99
25) Chloroform	5.11	83	3840	0.267	ug/L	92
27) 1,2-Dichloroethane	5.81	62	72555	7.425	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	103774	8.715	ug/L	97
30) Cyclohexane	5.41	56	129927	12.388	ug/L	97
31) Carbon tetrachloride	5.34	117	12279	1.205	ug/L	98
34) Trichloroethene	6.56	95	39274	5.266	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

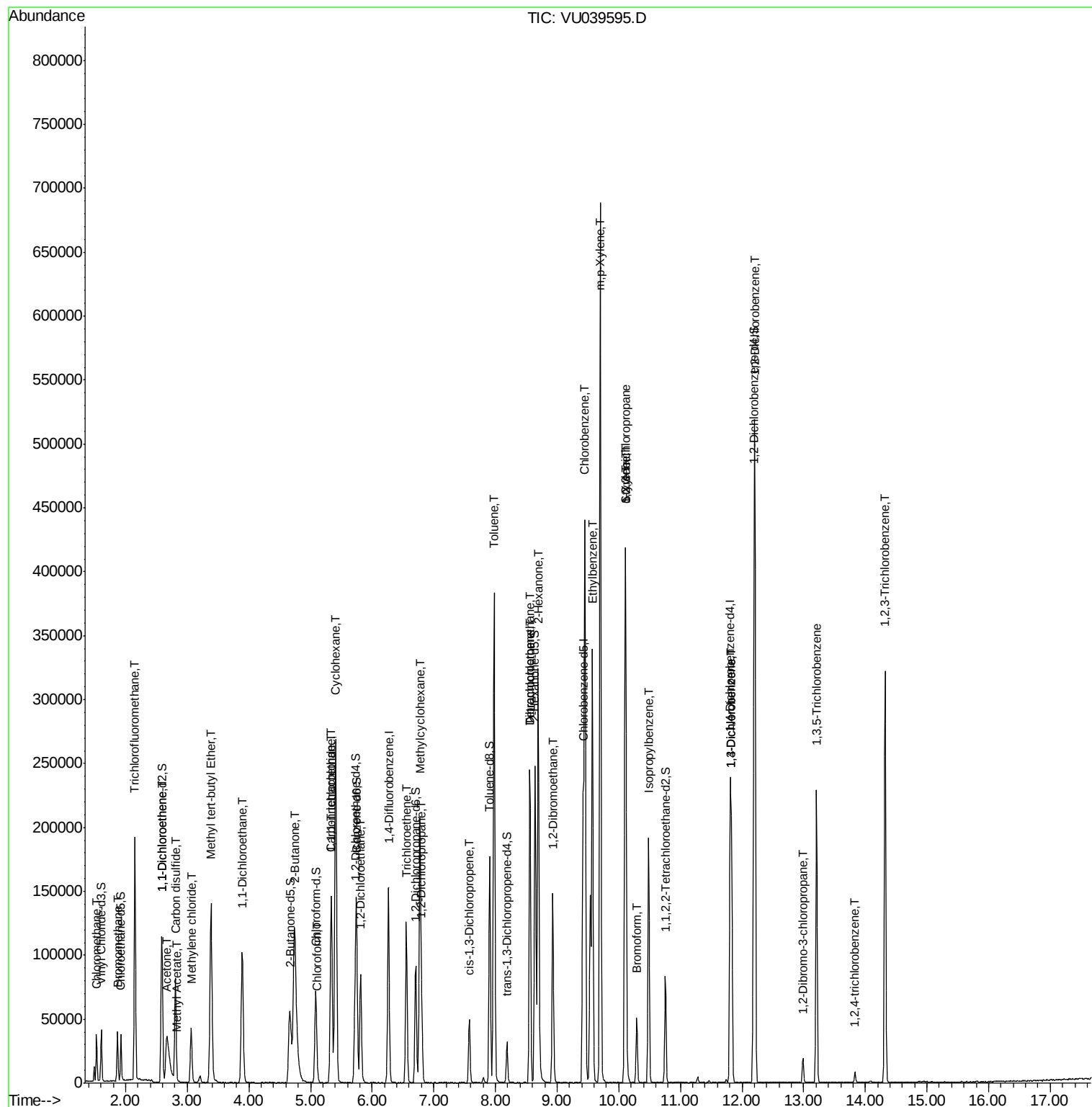
35) Methylcyclohexane	6.78	83	77447	7.068	ug/L	97
37) 1,2-Dichloropropane	6.81	63	16917	2.244	ug/L	100
39) cis-1,3-Dichloropropene	7.58	75	1469	0.136	ug/L #	55
42) Toluene	7.98	91	267946	9.037	ug/L	98
47) Tetrachloroethene	8.56	164	45581	8.935	ug/L	92
48) 2-Hexanone	8.69	43	221647	50.894	ug/L	100
49) Dibromochloromethane	8.56	129	46578	6.695	ug/L #	11
50) 1,2-Dibromoethane	8.93	107	88441	15.773	ug/L	98
51) Chlorobenzene	9.45	112	212973	11.224	ug/L	97
52) Ethylbenzene	9.57	91	227537	6.747	ug/L	99
53) m,p-Xylene	9.70	106	176421	14.018	ug/L	98
54) o-Xylene	10.10	106	69995	5.696	ug/L	97
55) Styrene	10.12	104	116992	5.669	ug/L	96
56) Isopropylbenzene	10.48	105	116408	3.470	ug/L	100
59) 1,2,3-Trichloropropane	10.11	75	8040	1.454	ug/L #	1
61) Bromoform	10.29	173	20466	5.393	ug/L	97
62) 1,3-Dichlorobenzene	11.83	146	64441	4.425	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	64441	4.395	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	174100	12.378	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4724	4.393	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	62383	5.952	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	2306	0.268	ug/L	88
70) 1,2,3-Trichlorobenzene	14.32	180	86103	11.259	ug/L	98

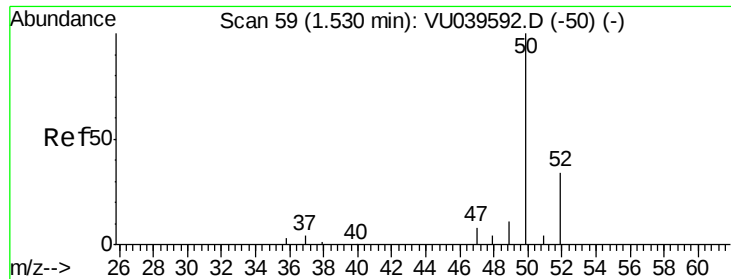
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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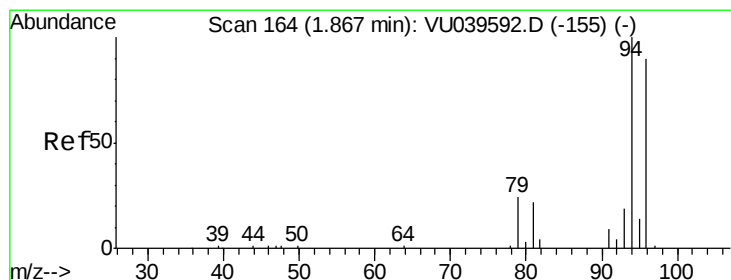
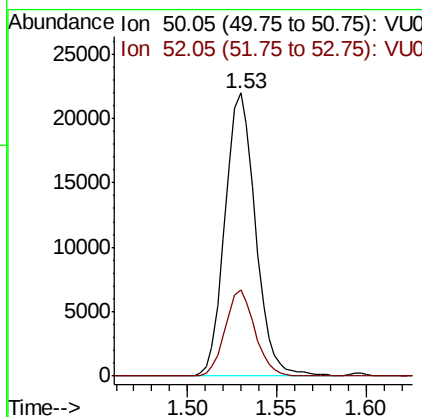
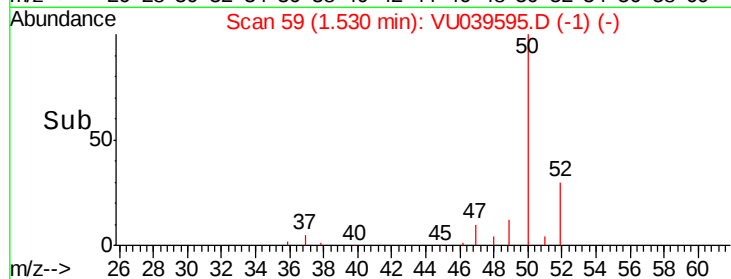
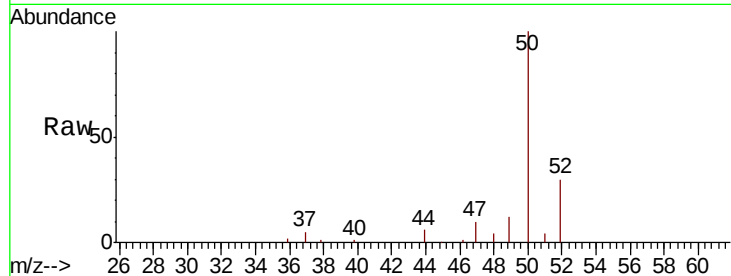




#3
 Chloromethane
 Concen: 4.209 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

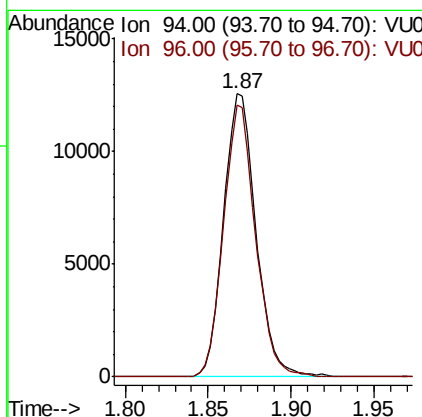
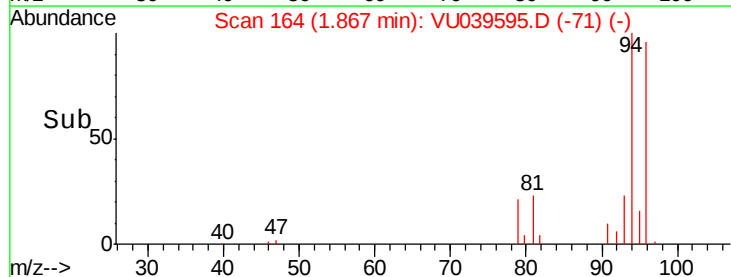
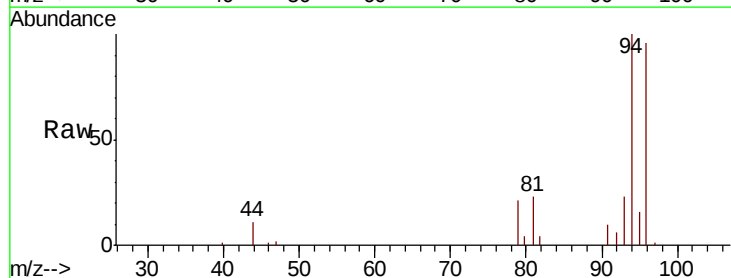
Instrument :
 MSVOA_U
 ClientSampled :

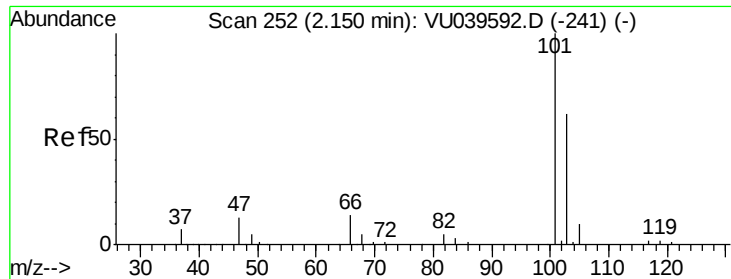
Tot Ion: 50 Resp: 26158
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.9 44.5



#6
 Bromomethane
 Concen: 3.978 ug/L
 RT: 1.87 min Scan# 164
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion: 94 Resp: 17100
 Ion Ratio Lower Upper
 94 100
 96 96.0 68.0 126.2





#9

Trichlorofluoromethane

Concen: 8.117 ug/L

RT: 2.15 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

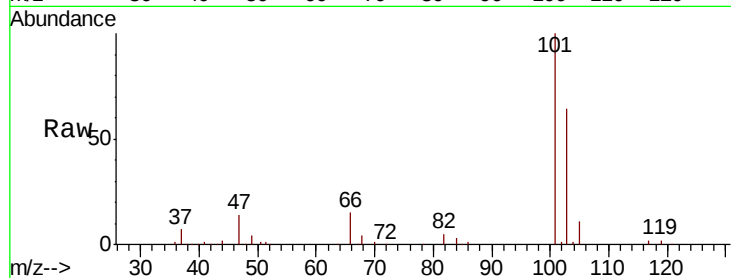
ClientSampleId :

Tot Ion:101 Resp: 114325

Ion Ratio Lower Upper

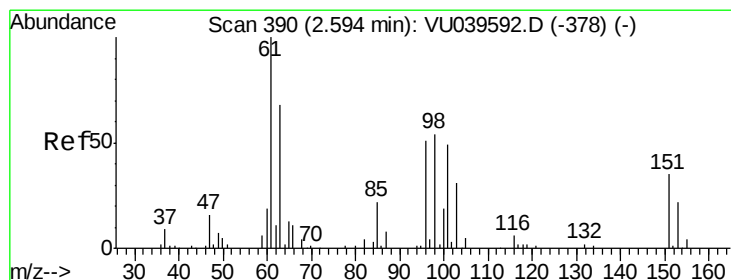
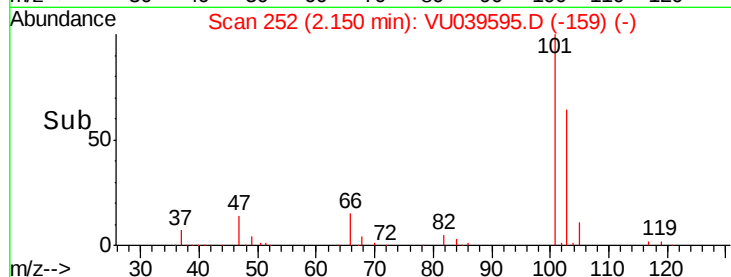
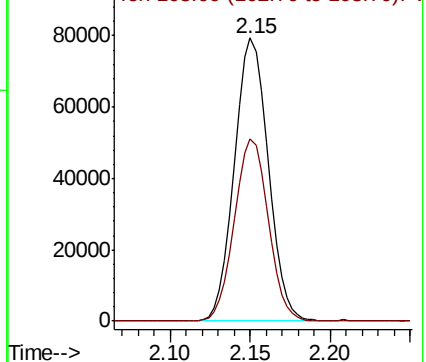
101 100

103 64.2 50.6 75.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 3.908 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

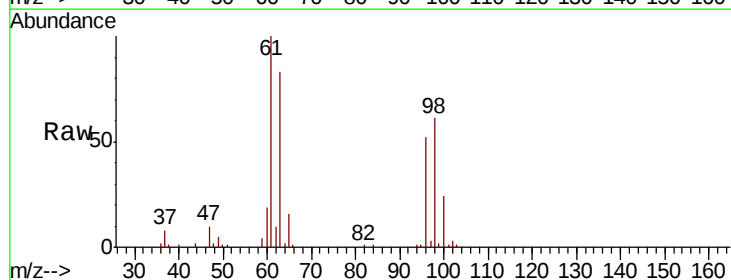
Tgt Ion: 96 Resp: 21629

Ion Ratio Lower Upper

96 100

61 193.3 129.1 239.7

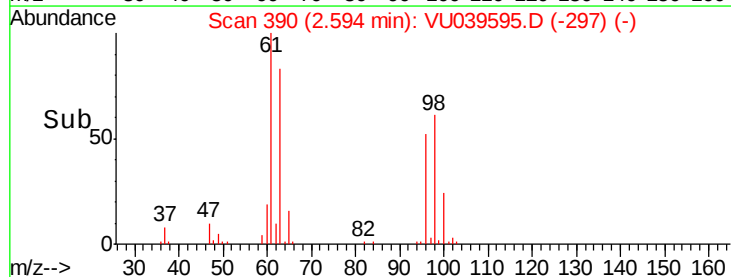
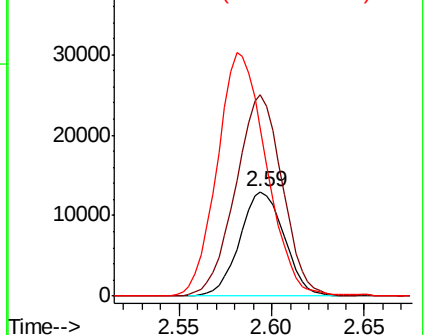
63 161.4 89.7 166.7

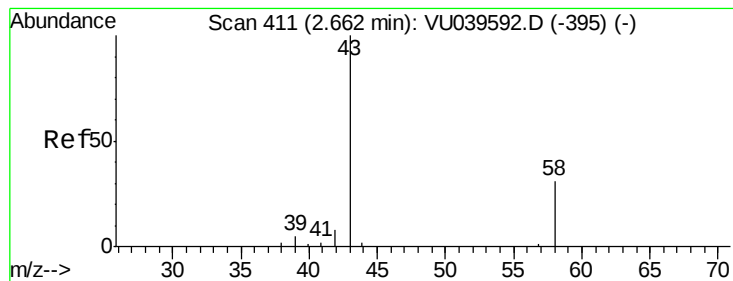


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 75.577 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

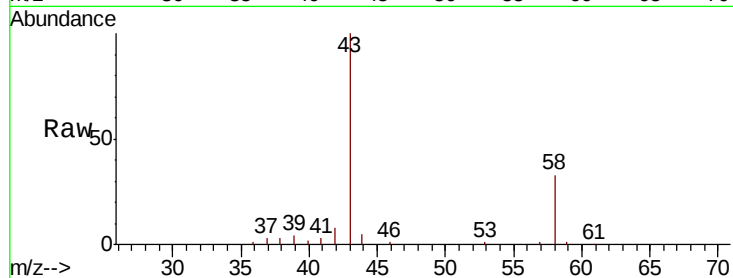
ClientSampleId :

Tot Ion: 43 Resp: 103046

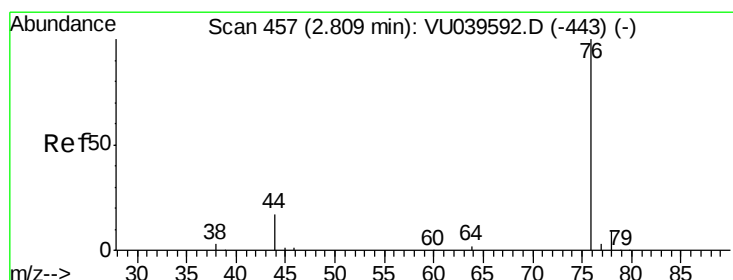
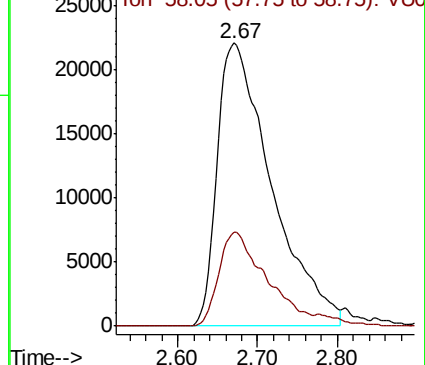
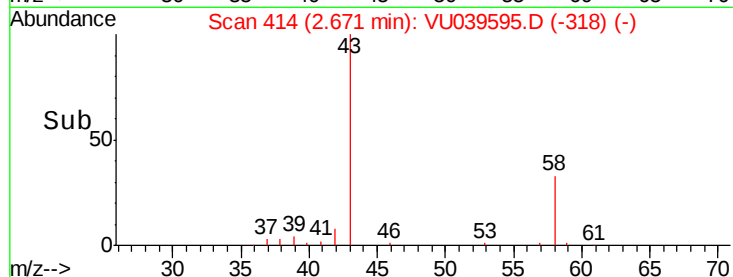
Ion Ratio Lower Upper

43 100

58 29.0 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU039595.D (-318) (-)



#14

Carbon disulfide

Concen: 5.992 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: VU039595.D

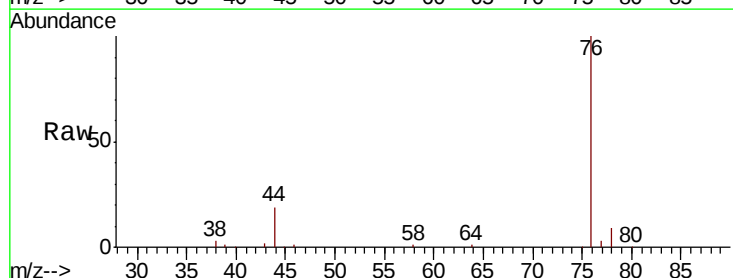
Acq: 21 Jul 2020 14:03

Tgt Ion: 76 Resp: 99752

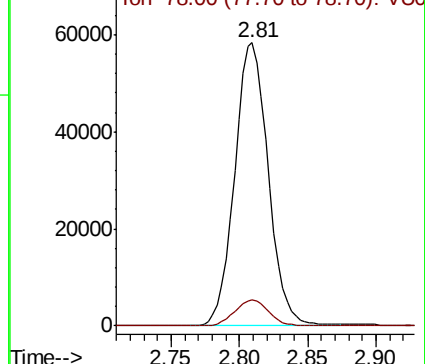
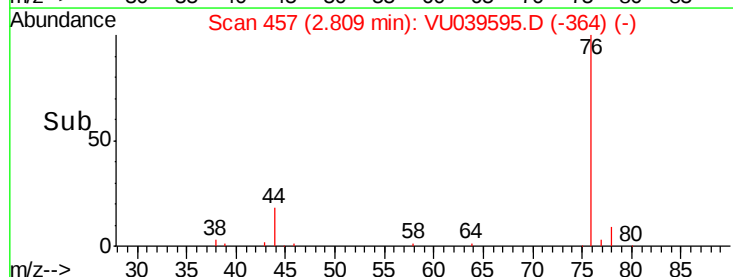
Ion Ratio Lower Upper

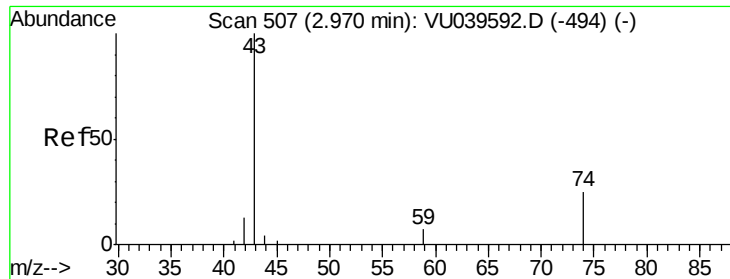
76 100

78 9.1 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU039595.D (-364) (-)

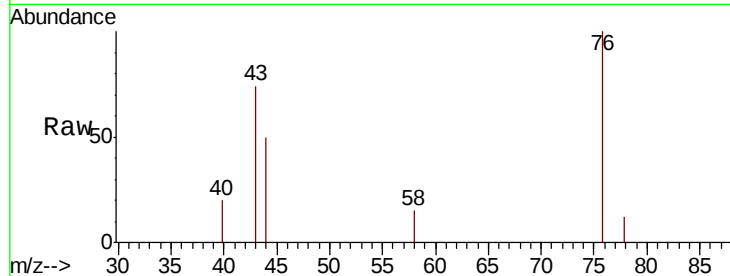




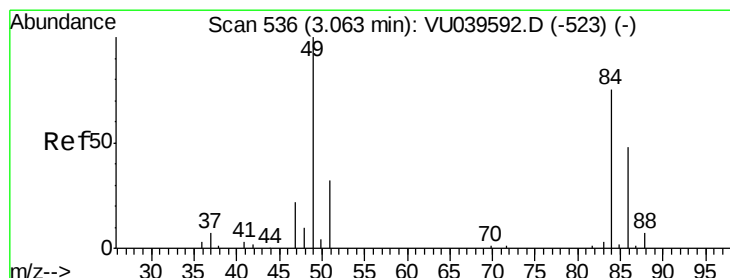
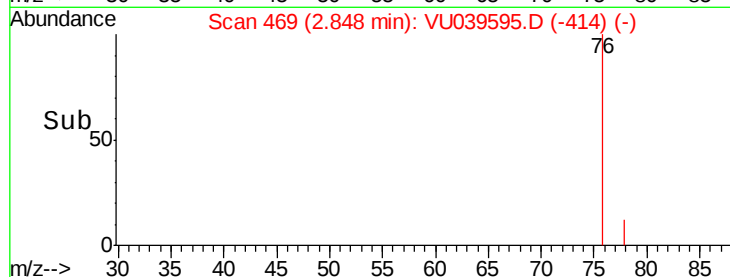
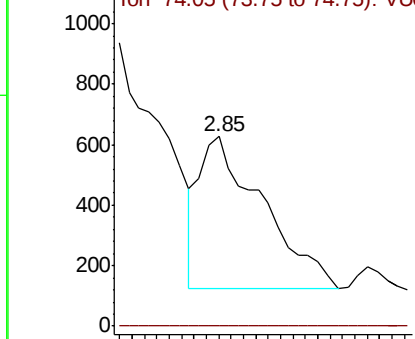
#15
Methyl Acetate
Concen: 0.215 ug/L
RT: 2.85 min Scan# 469
Delta R.T. -0.12 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

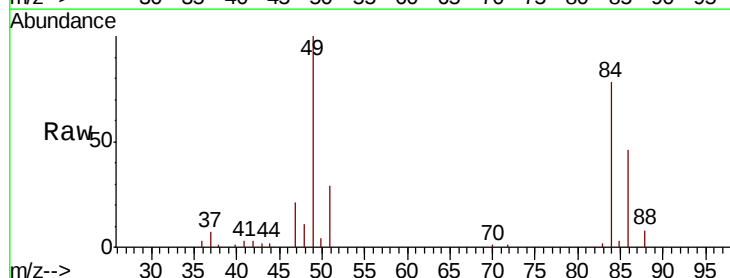


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

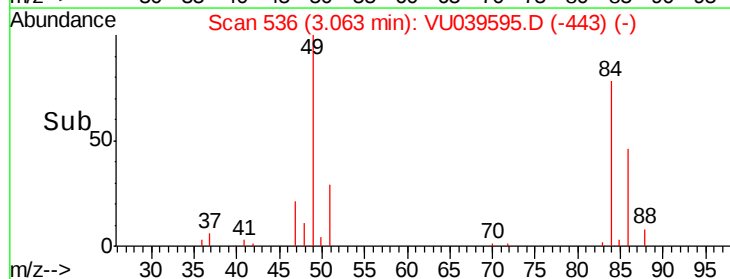
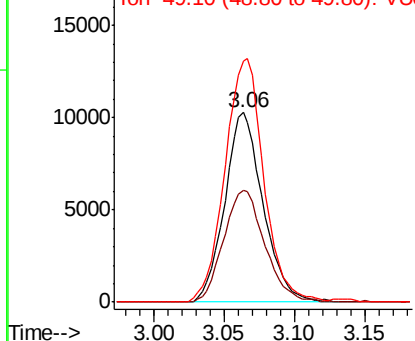


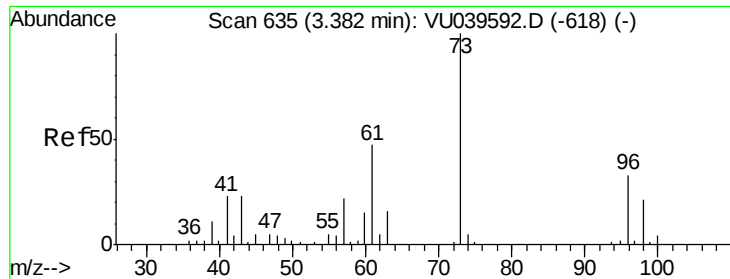
#16
Methylene chloride
Concen: 2.435 ug/L
RT: 3.06 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Tgt Ion: 84 Resp: 19466
Ion Ratio Lower Upper
84 100
86 59.3 43.8 81.4
49 127.6 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

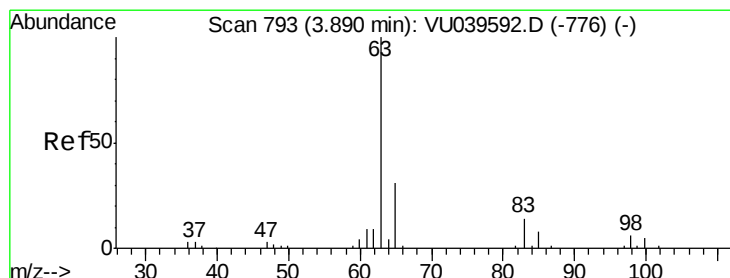
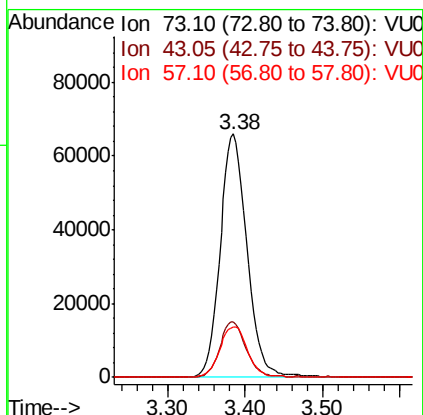
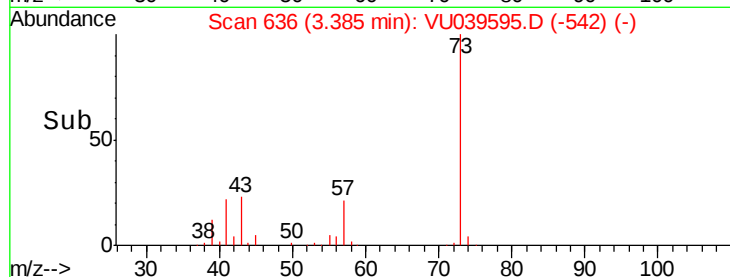
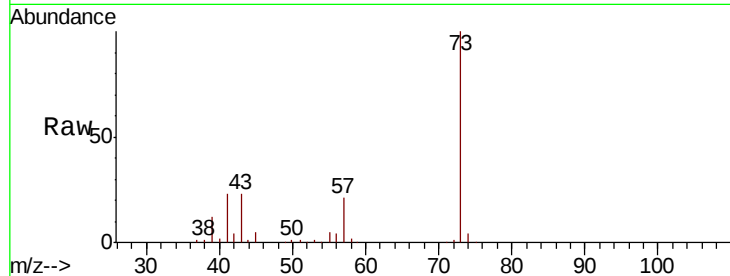




#17
Methvl tert-butvl Ether
Concen: 9.051 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

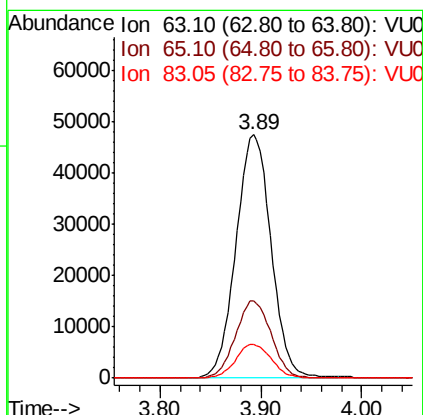
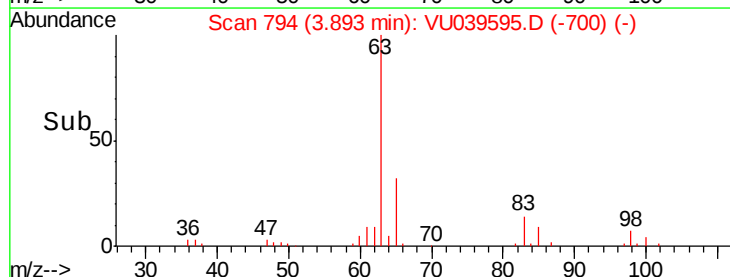
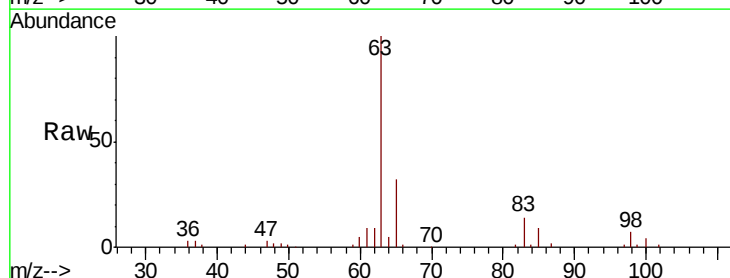
Instrument :
MSVOA_U
ClientSampleId :

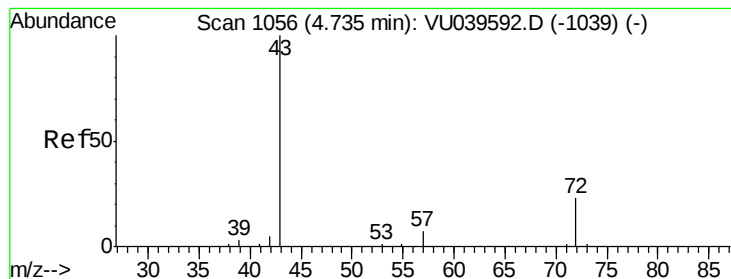
Tot Ion: 73 Resp: 159198
Ion Ratio Lower Upper
73 100
43 22.4 18.2 27.4
57 21.7 17.9 26.9



#19
1,1-Dichloroethane
Concen: 9.113 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Tgt Ion: 63 Resp: 114840
Ion Ratio Lower Upper
63 100
65 31.5 21.8 40.4
83 13.8 10.2 19.0





#21

2-Butanone

Concen: 110.864 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

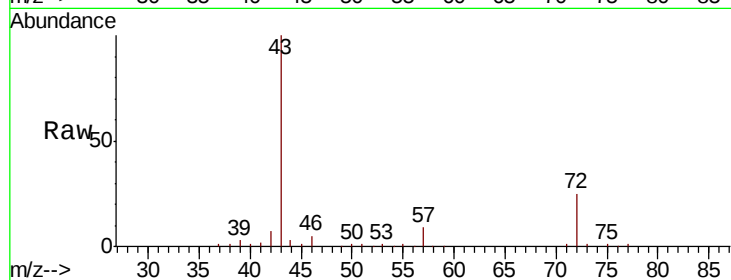
ClientSampled :

Tot Ion: 43 Resp: 261844

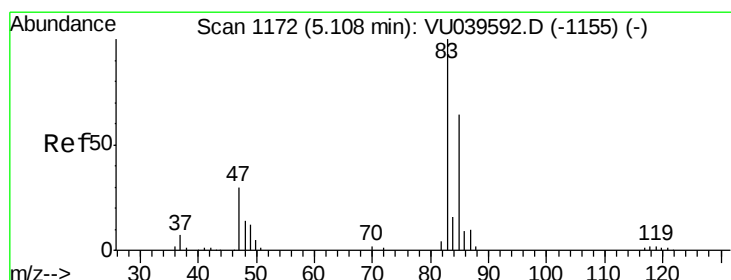
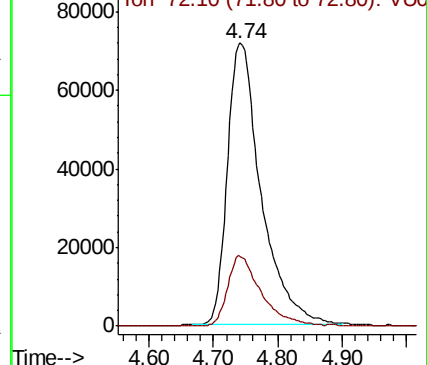
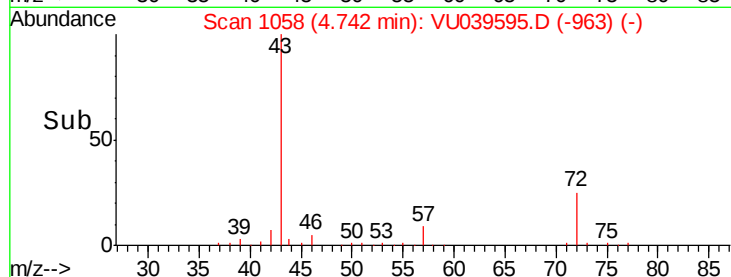
Ion Ratio Lower Upper

43 100

72 24.9 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VU039595.D (-963) (-)



#25

Chloroform

Concen: 0.267 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU039595.D

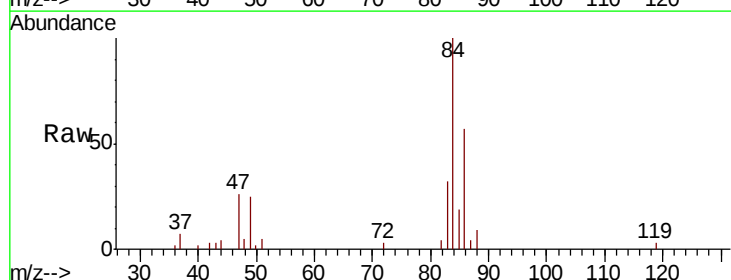
Acq: 21 Jul 2020 14:03

Tgt Ion: 83 Resp: 3840

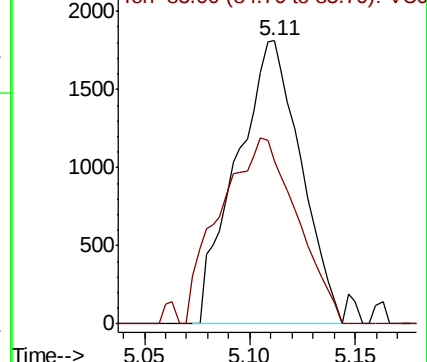
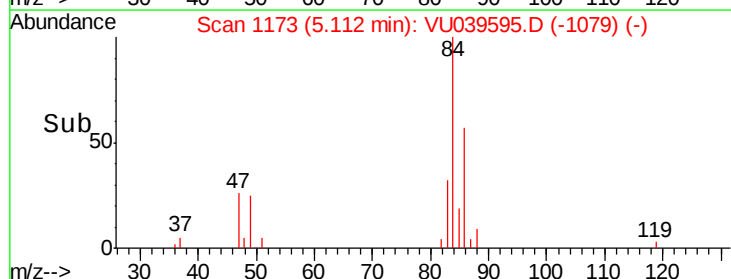
Ion Ratio Lower Upper

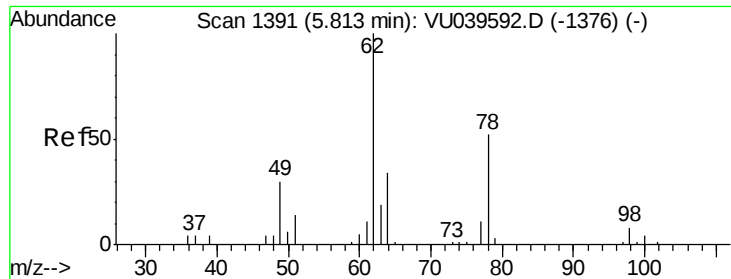
83 100

85 57.6 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU039595.D (-1079) (-)

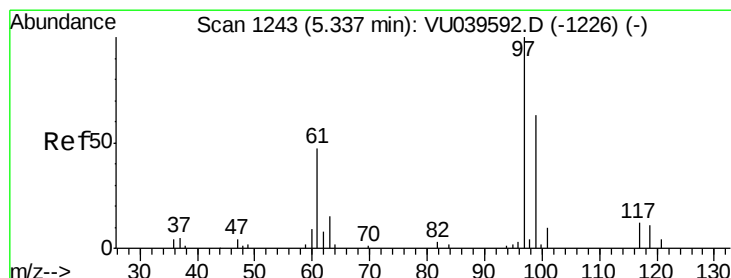
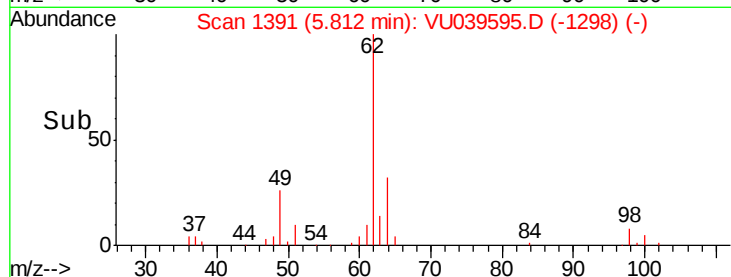
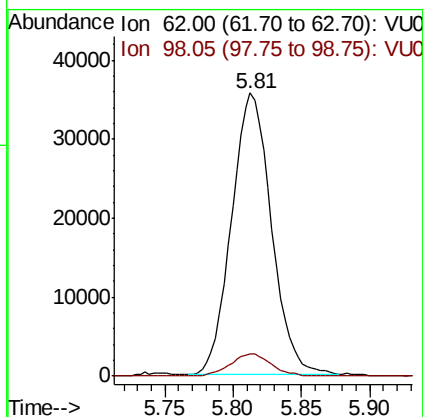
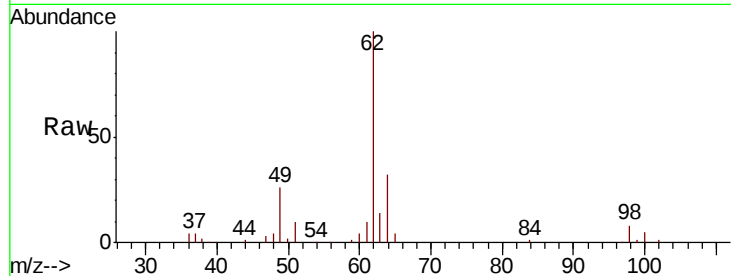




#27
 1,2-Dichloroethane
 Concen: 7.425 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

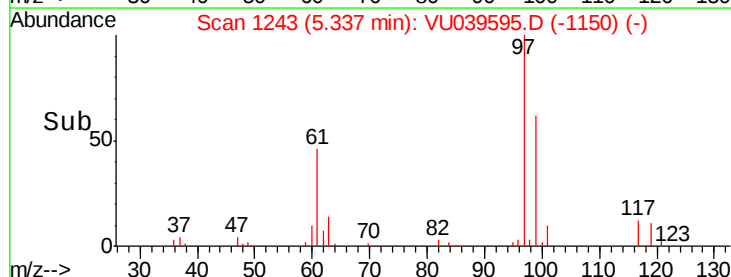
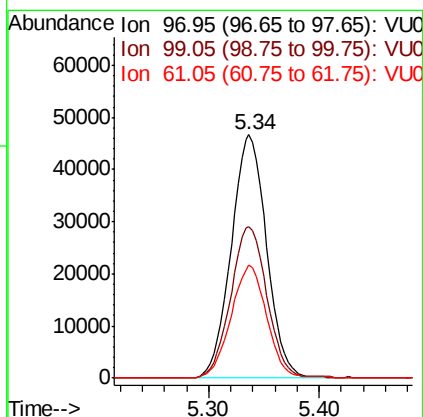
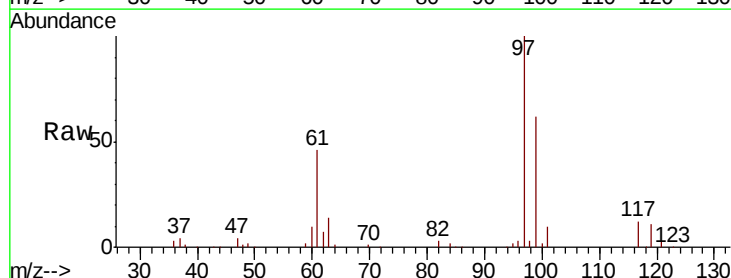
Instrument :
 MSVOA_U
 ClientSampleId :

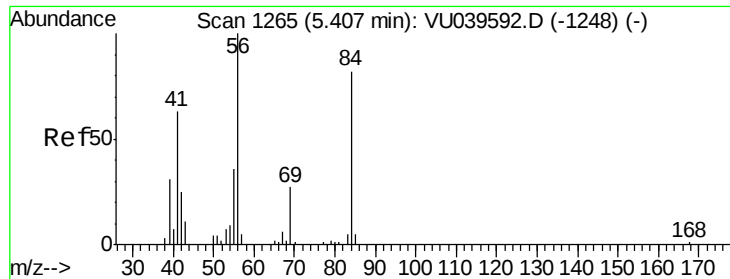
Tot Ion: 62 Resp: 72555
 Ion Ratio Lower Upper
 62 100
 98 7.9 6.7 10.1



#29
 1,1,1-Trichloroethane
 Concen: 8.715 ug/L
 RT: 5.34 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion: 97 Resp: 103774
 Ion Ratio Lower Upper
 97 100
 99 63.8 49.5 74.3
 61 46.6 38.8 58.2

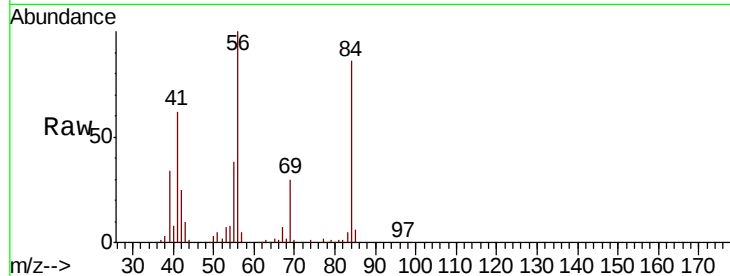




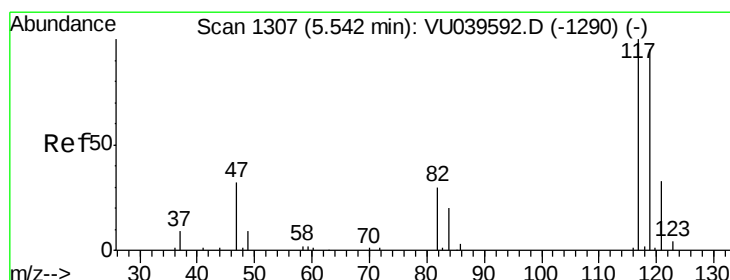
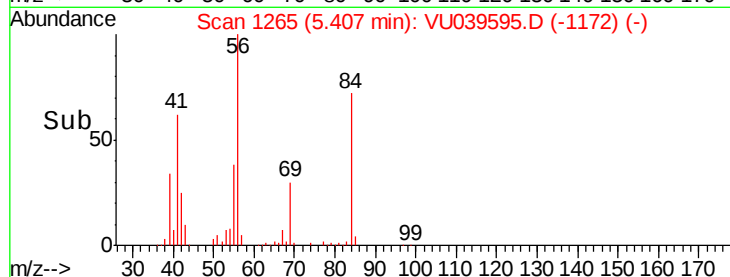
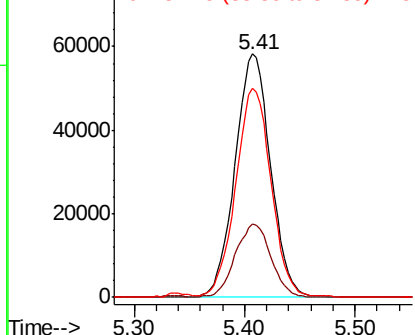
#30
Cyclohexane
Concen: 12.388 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 129927
Ion Ratio Lower Upper
56 100
69 30.2 24.0 36.0
84 83.9 69.8 104.6

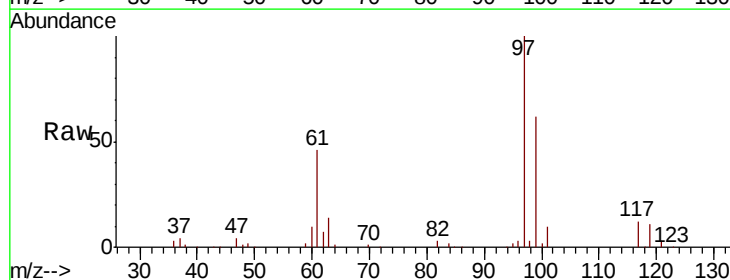


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

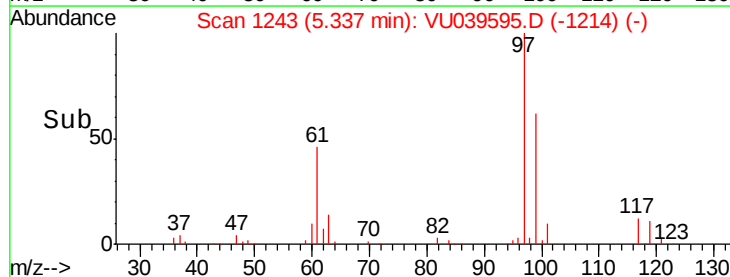
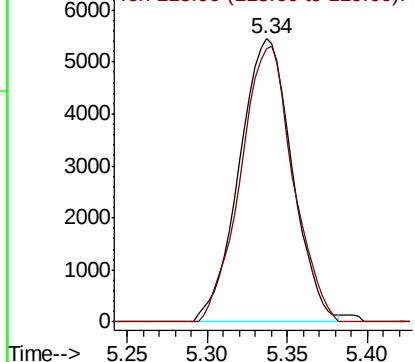


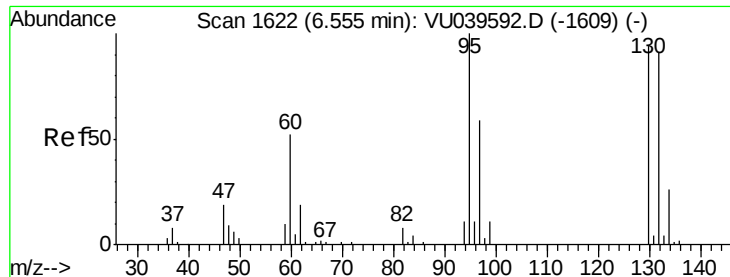
#31
Carbon tetrachloride
Concen: 1.205 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. -0.21 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Tgt Ion: 117 Resp: 12279
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

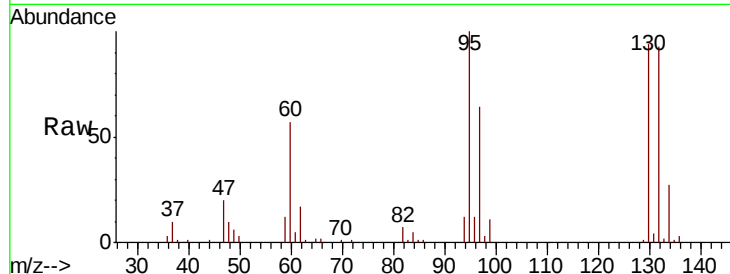




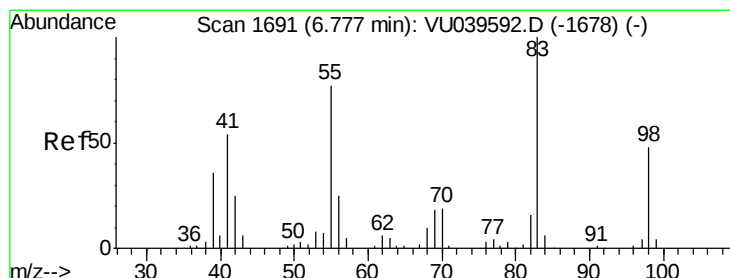
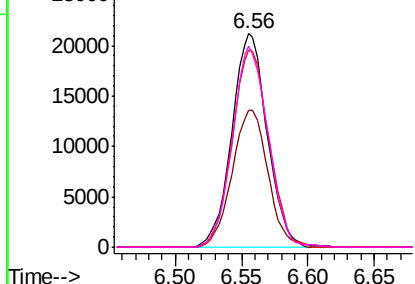
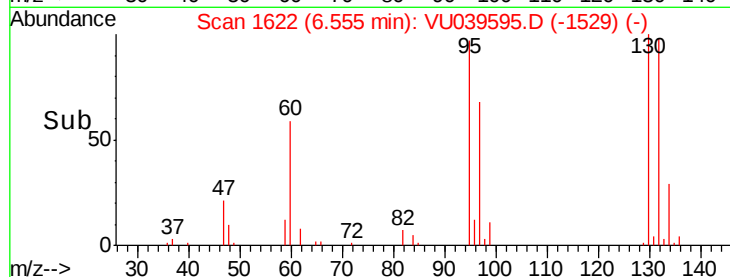
#34
 Trichloroethene
 Concen: 5.266 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 39274
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.9 83.3
 132 92.5 62.8 116.6
 130 94.1 61.5 114.1

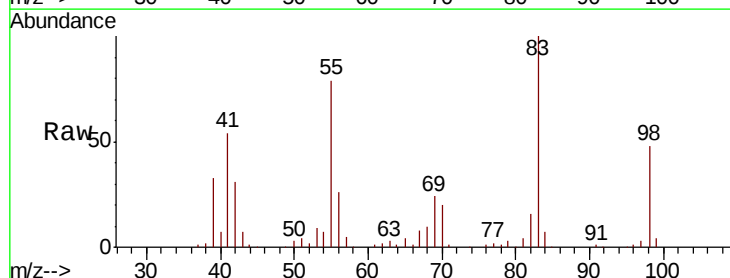


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

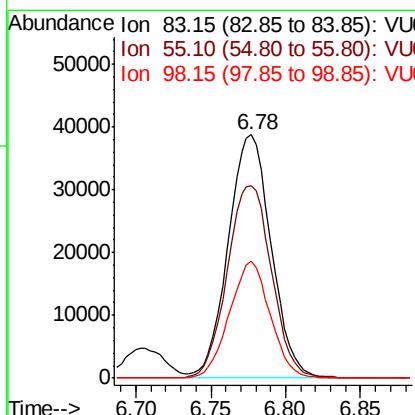
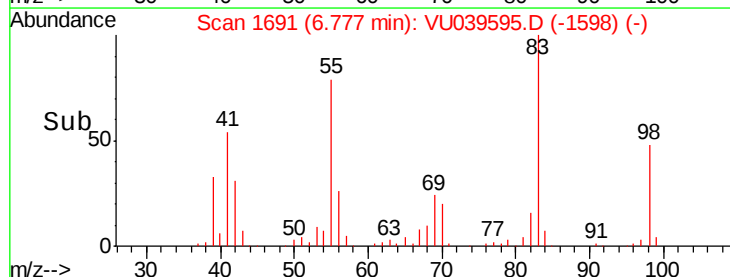


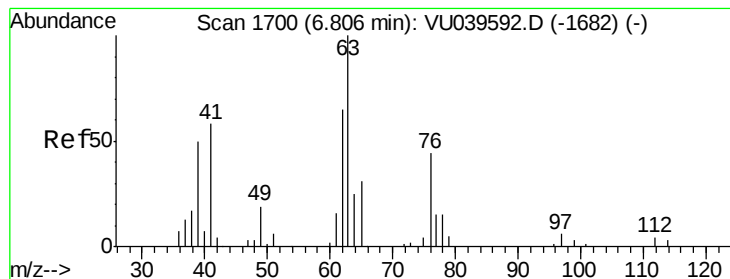
#35
 Methylcyclohexane
 Concen: 7.068 ug/L
 RT: 6.78 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion: 83 Resp: 77447
 Ion Ratio Lower Upper
 83 100
 55 81.6 63.0 94.6
 98 45.6 35.3 52.9



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: 2.244 ug/L

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

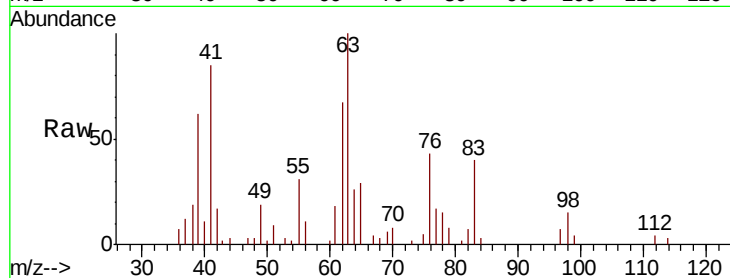
ClientSampled :

Tot Ion: 63 Resp: 16917

Ion Ratio Lower Upper

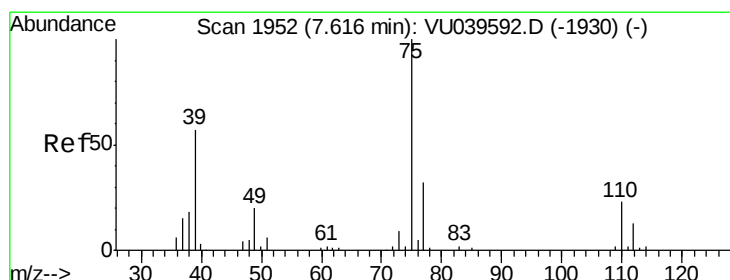
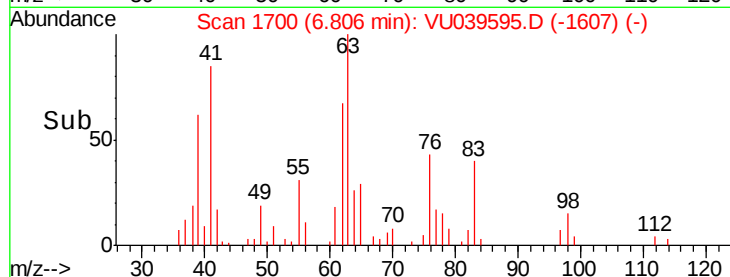
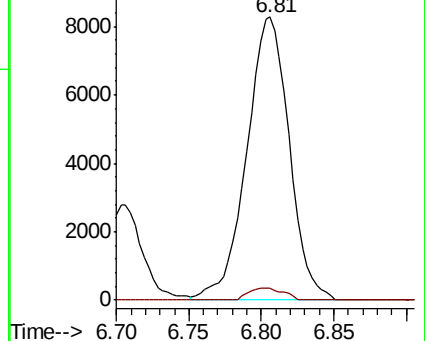
63 100

112 3.5 2.7 4.1



Abundance Ion 63.10 (62.80 to 63.80): VU039595.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU039595.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039595.D

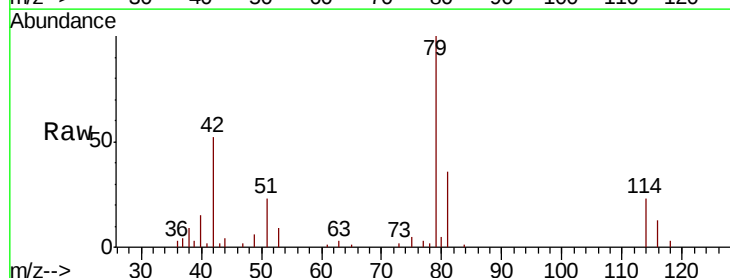
Acq: 21 Jul 2020 14:03

Tgt Ion: 75 Resp: 1469

Ion Ratio Lower Upper

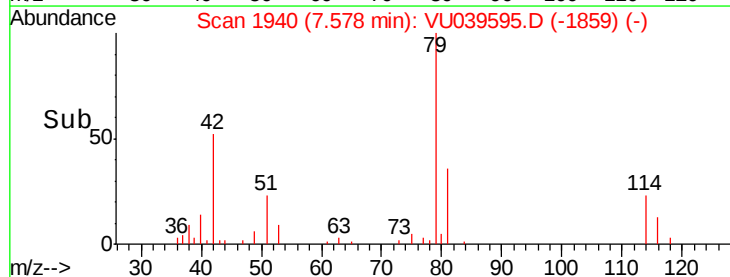
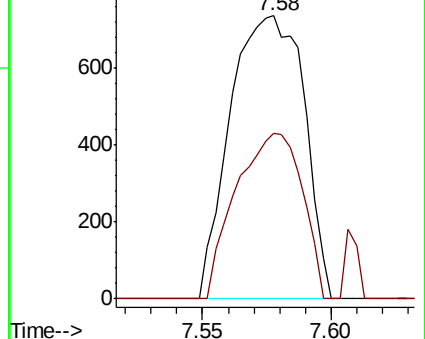
75 100

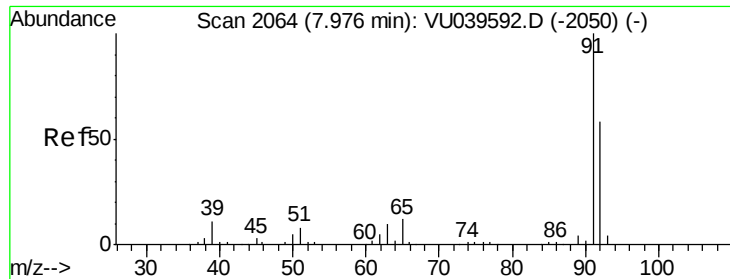
77 58.6 23.2 43.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039595.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039595.D (-1859) (-)





#42

Toluene

Concen: 9.037 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

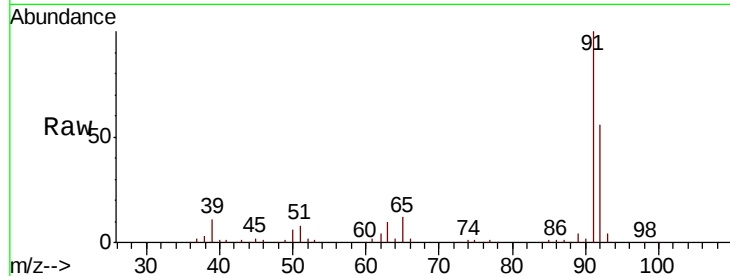
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 267946

Ion Ratio Lower Upper

91 100

92 56.4 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039595.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU039595.D (-1971) (-)

7.98

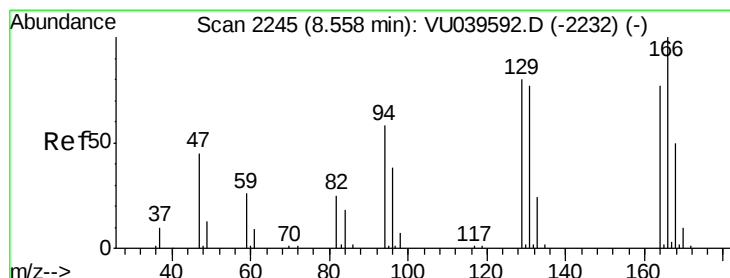
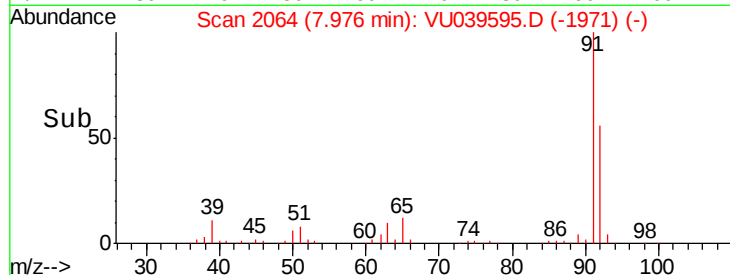
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 8.935 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Tgt Ion: 164 Resp: 45581

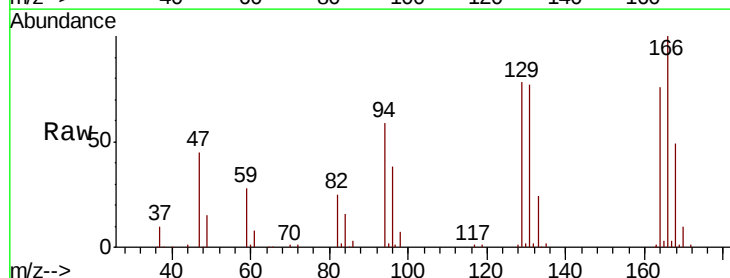
Ion Ratio Lower Upper

164 100

129 103.0 67.9 126.1

131 101.6 64.7 120.1

166 132.2 85.1 158.1



Abundance Ion 163.90 (163.60 to 164.60): VU039595.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU039595.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039595.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039595.D (-2152) (-)

50000

40000

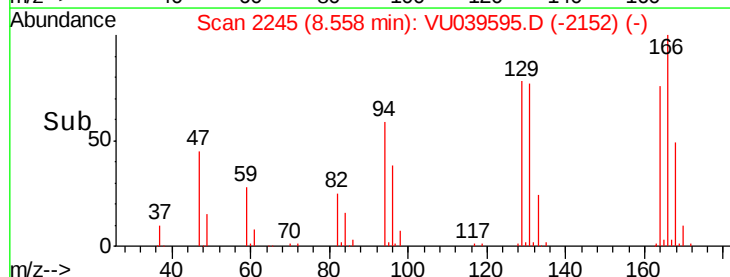
30000

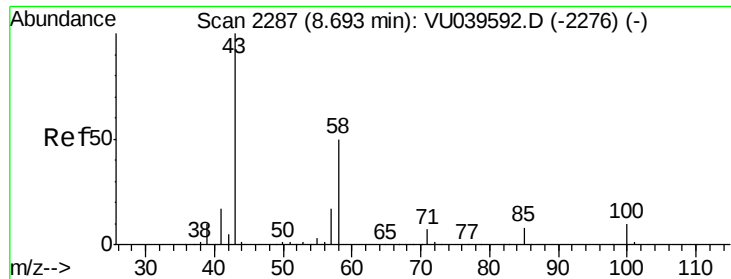
20000

10000

0

Time-->

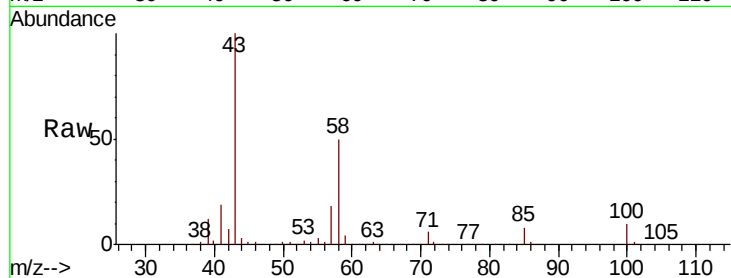




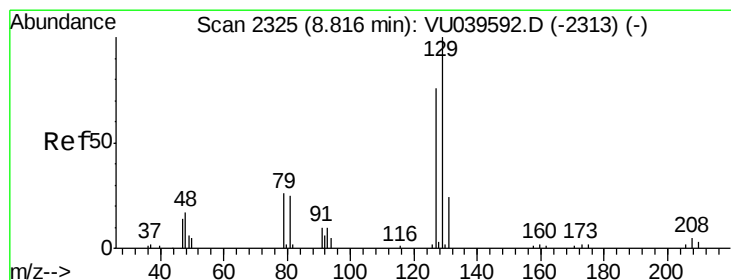
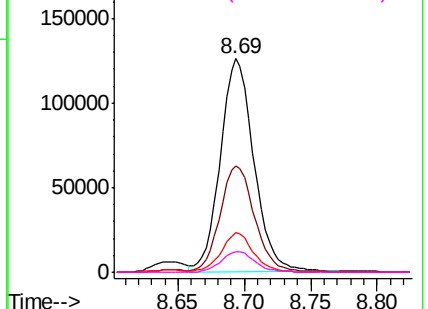
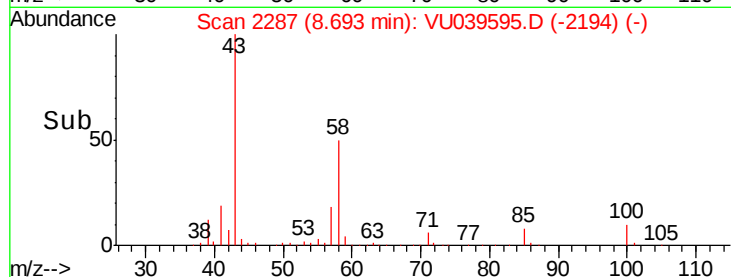
#48
2-Hexanone
Concen: 50.894 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 221647
Ion Ratio Lower Upper
43 100
58 51.1 40.9 61.3
57 17.5 14.6 21.8
100 9.8 7.9 11.9

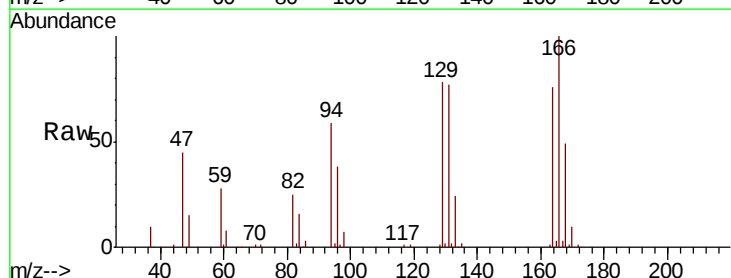


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

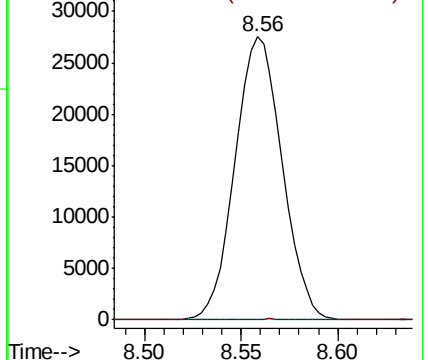
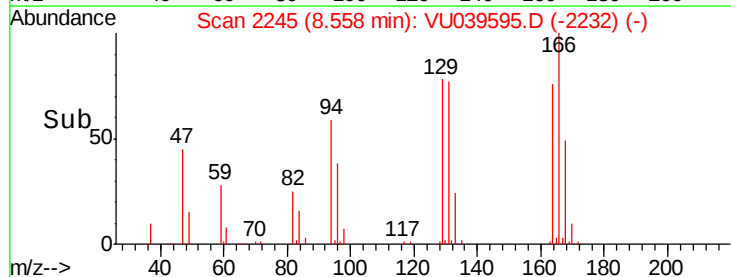


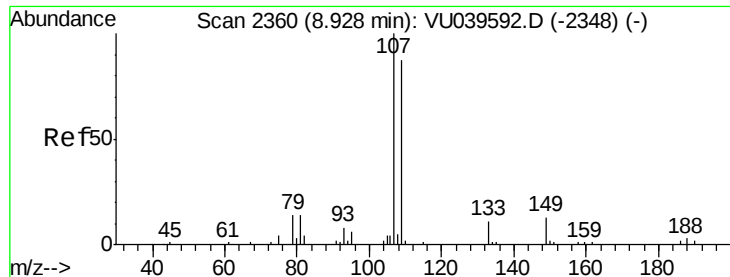
#49
Dibromochloromethane
Concen: 6.695 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Tgt Ion: 129 Resp: 46578
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

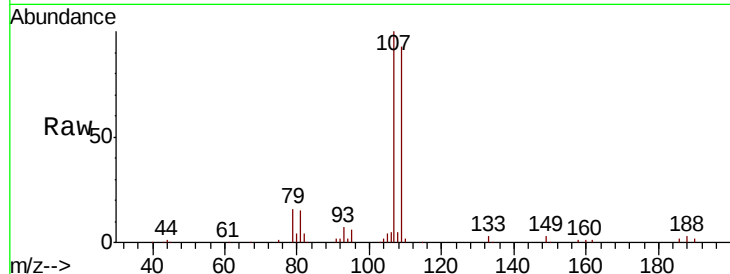




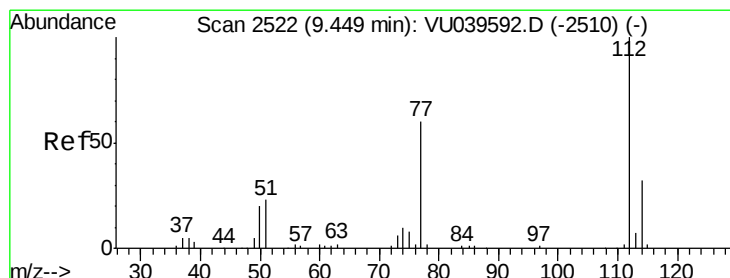
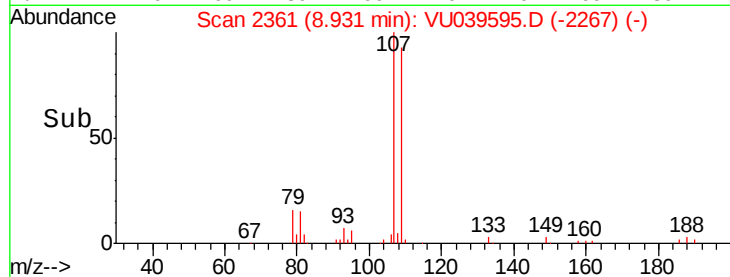
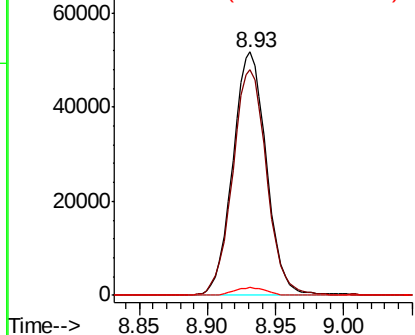
#50
 1,2-Dibromoethane
 Concen: 15.773 ug/L
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	66.1	122.7
188	3.1	2.4	3.6

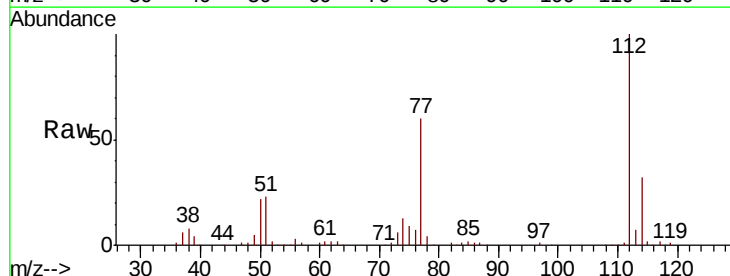


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

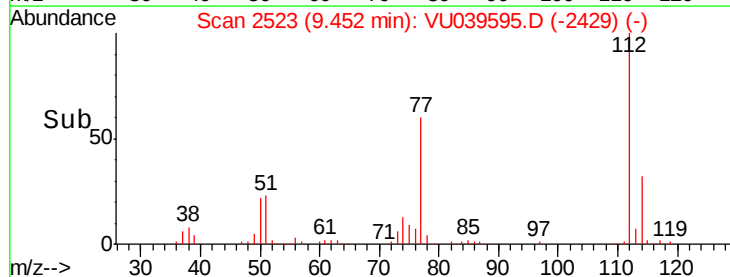
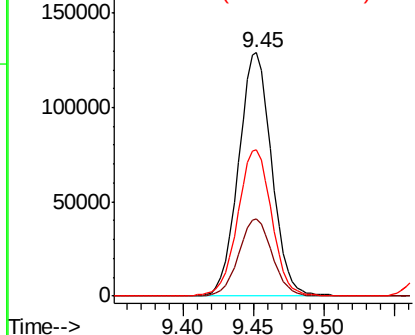


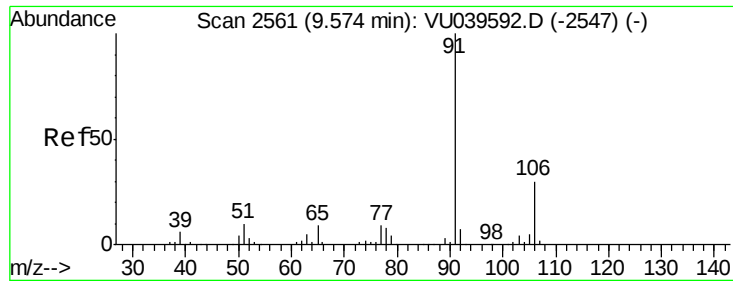
#51
 Chlorobenzene
 Concen: 11.224 ug/L
 RT: 9.45 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.9	42.5
77	60.3	50.0	75.0



Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): VU





#52

Ethylbenzene

Concen: 6.747 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

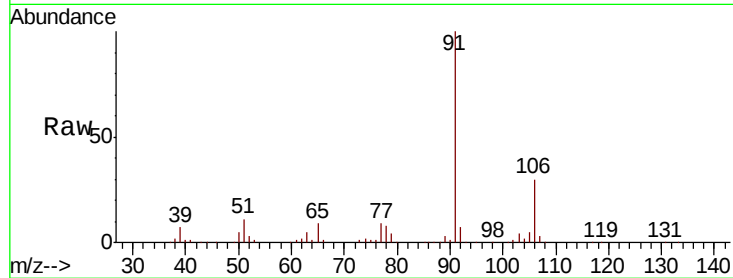
ClientSampleId :

Tot Ion: 91 Resp: 227537

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039595.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU039595.D (-2547) (-)

9.57

150000

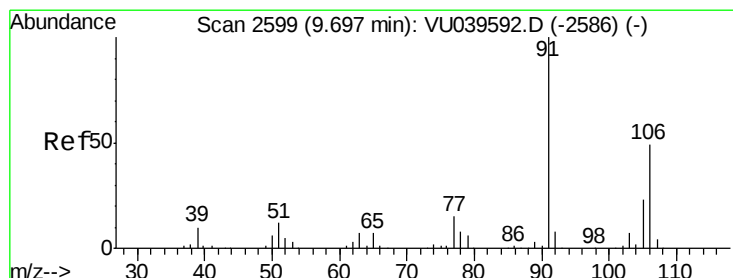
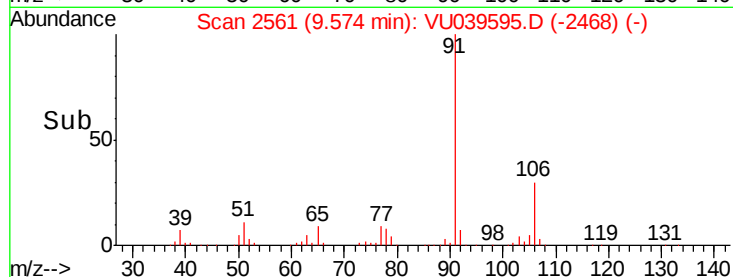
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#53

m,p-Xylene

Concen: 14.018 ug/L

RT: 9.70 min Scan# 2600

Delta R.T. 0.00 min

Lab File: VU039595.D

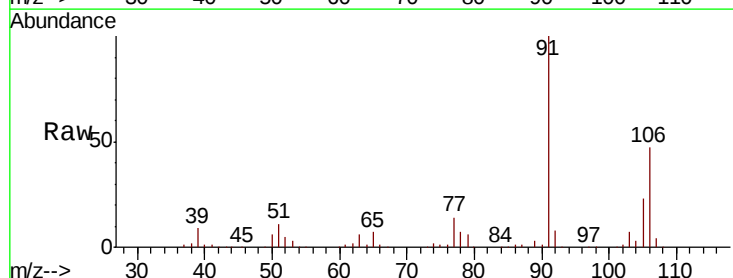
Acq: 21 Jul 2020 14:03

Tgt Ion: 106 Resp: 176421

Ion Ratio Lower Upper

106 100

91 210.5 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039595.D (-2586) (-)

Ion 91.15 (90.85 to 91.85): VU039595.D (-2586) (-)

9.70

250000

200000

150000

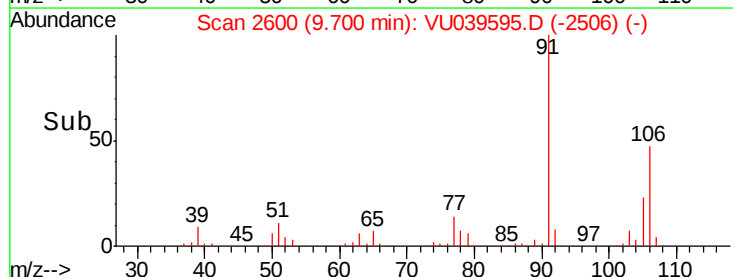
100000

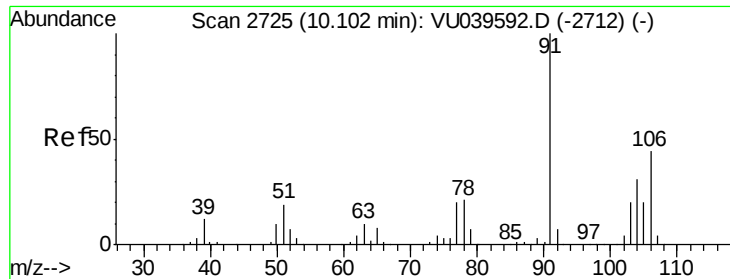
50000

0

9.60 9.65 9.70 9.75 9.80

Time-->

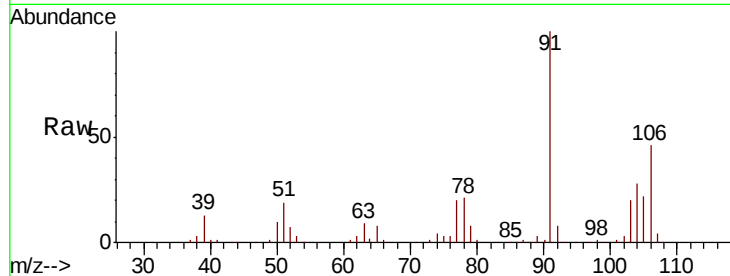




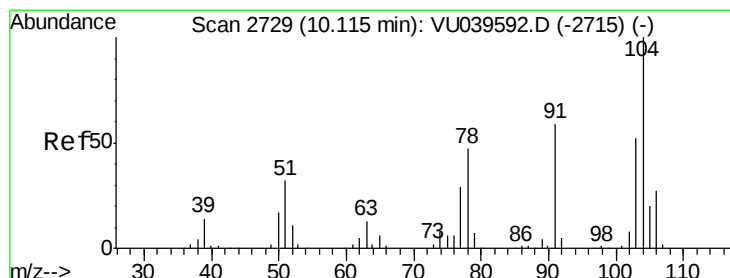
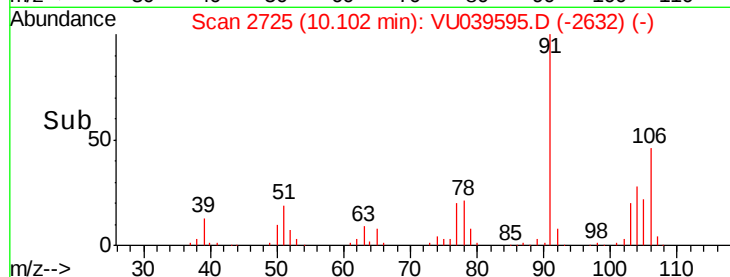
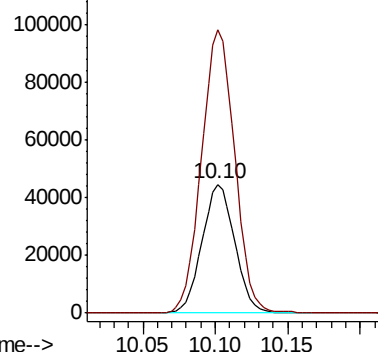
#54
o-Xylene
Concen: 5.696 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 69995
Ion Ratio Lower Upper
106 100
91 219.5 157.4 292.4

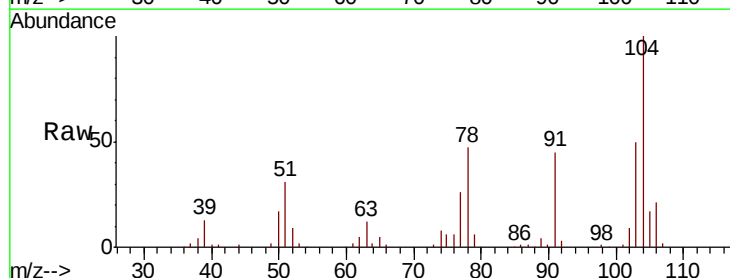


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

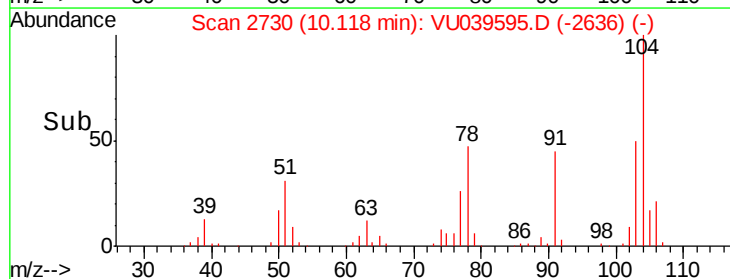
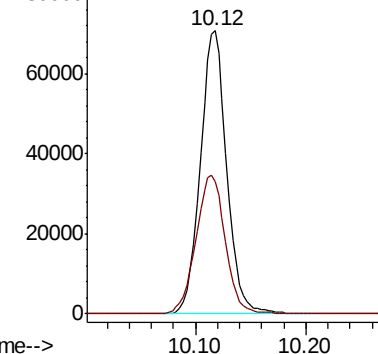


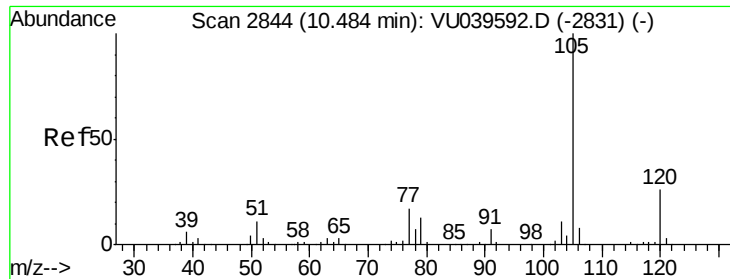
#55
Styrene
Concen: 5.669 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU039595.D
Acq: 21 Jul 2020 14:03

Tgt Ion:104 Resp: 116992
Ion Ratio Lower Upper
104 100
78 46.7 34.4 64.0



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 3.470 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

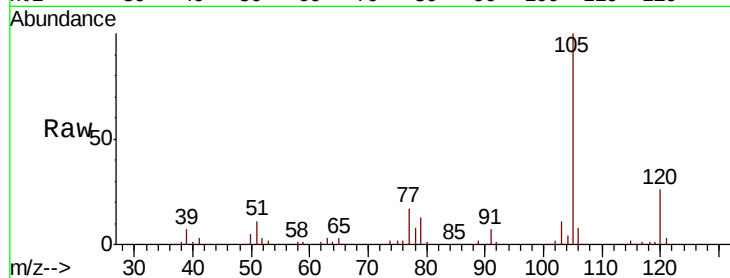
Tot Ion:105 Resp: 116408

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

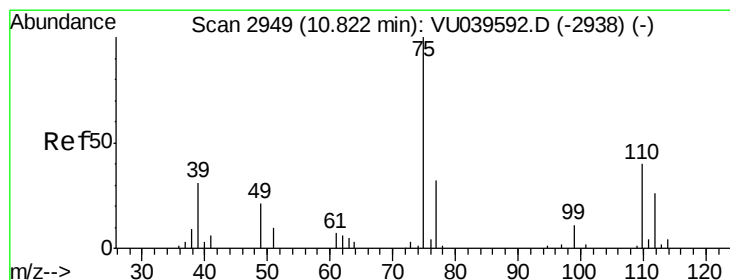
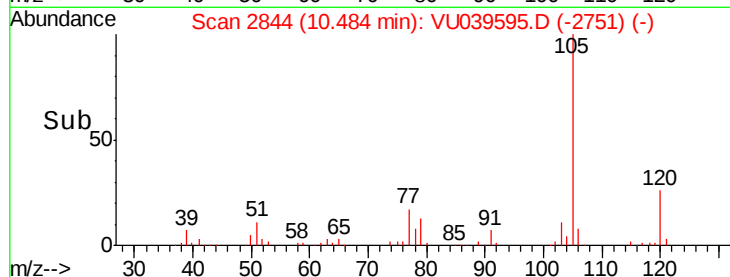
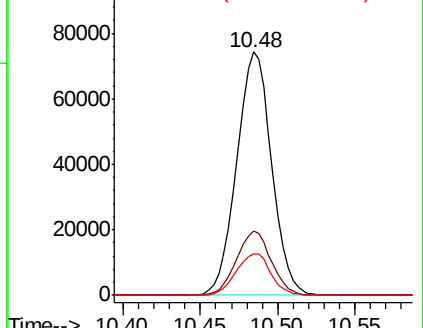
77 17.0 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.454 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.71 min

Lab File: VU039595.D

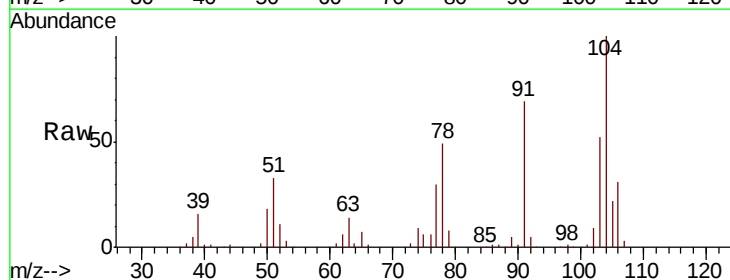
Acq: 21 Jul 2020 14:03

Tgt Ion: 75 Resp: 8040

Ion Ratio Lower Upper

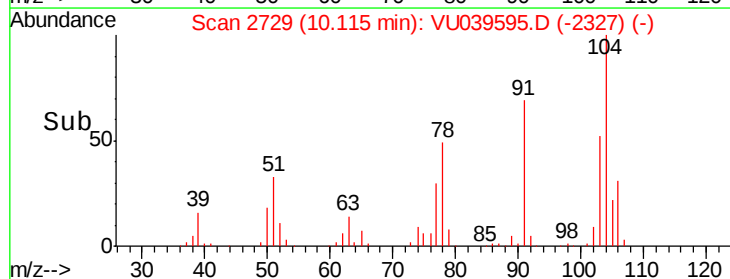
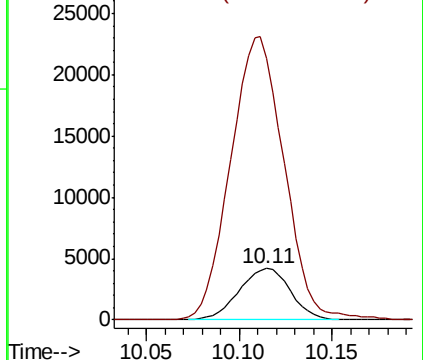
75 100

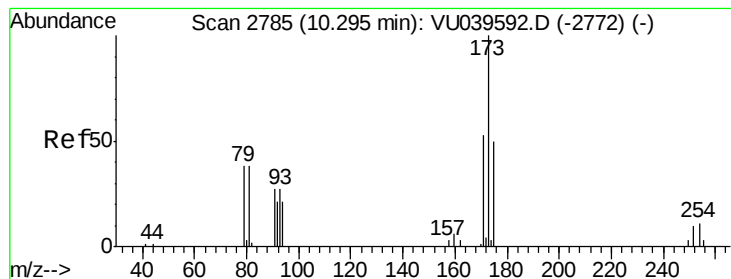
77 575.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 5.393 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Instrument :

MSVOA_U

ClientSampleId :

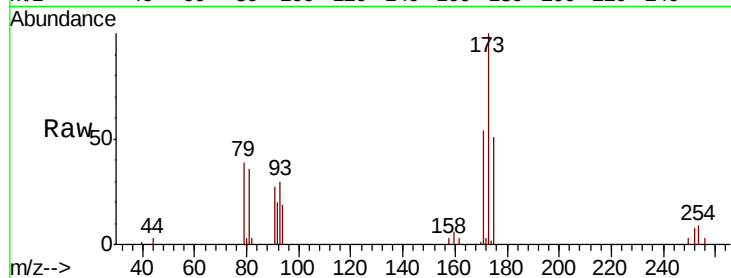
Tot Ion:173 Resp: 20466

Ion Ratio Lower Upper

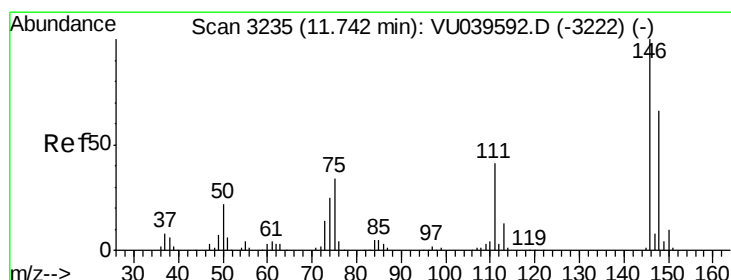
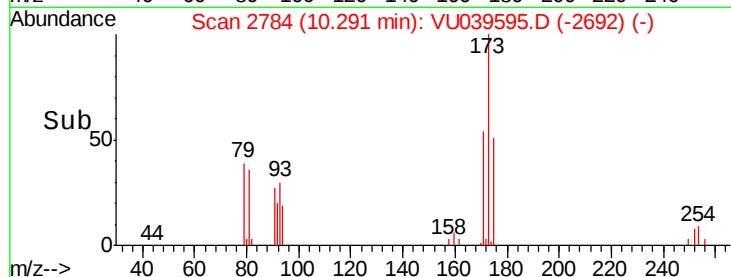
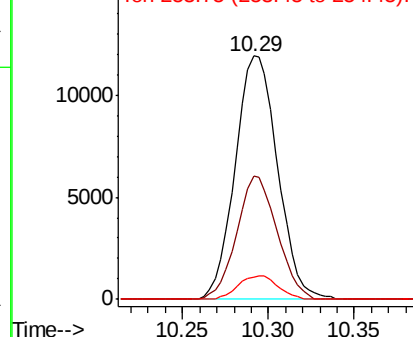
173 100

175 48.1 39.9 59.9

254 9.0 6.5 9.7



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#62

1,3-Dichlorobenzene

Concen: 4.425 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.09 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

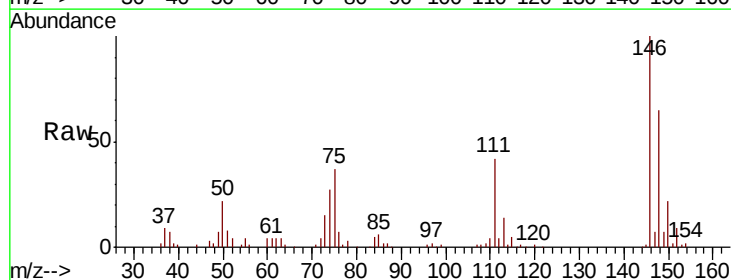
Tgt Ion:146 Resp: 64441

Ion Ratio Lower Upper

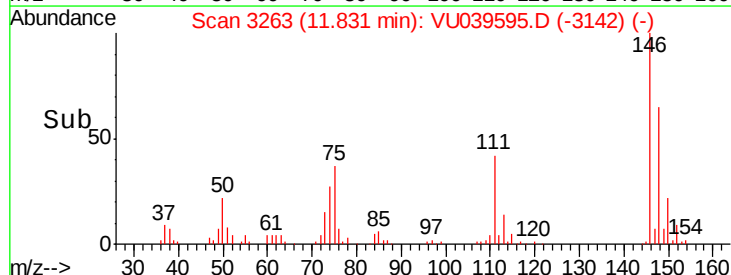
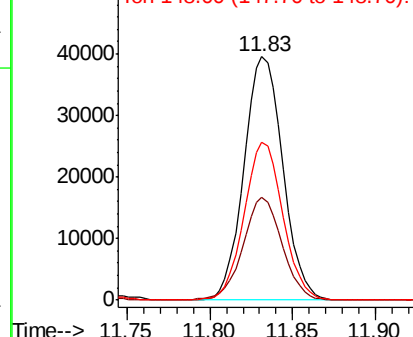
146 100

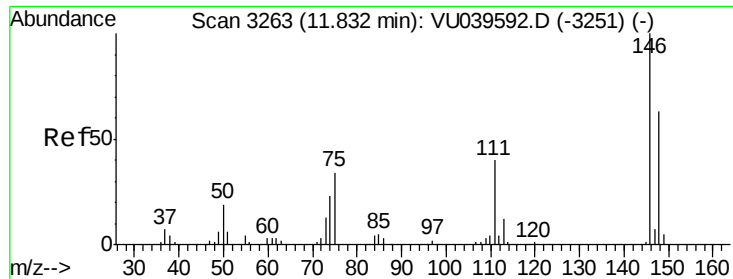
111 42.4 27.9 51.9

148 65.0 43.0 80.0



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 4.395 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

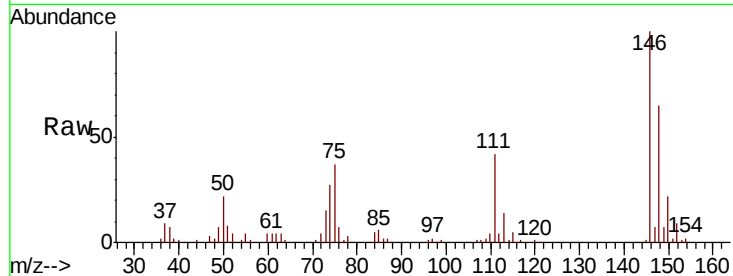
Instrument :

MSVOA_U

ClientSampled :

Tot Ion:146 Resp: 64441

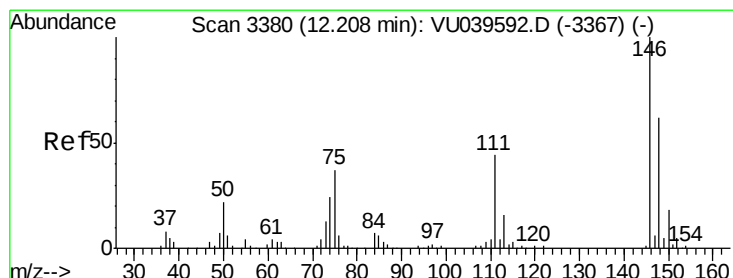
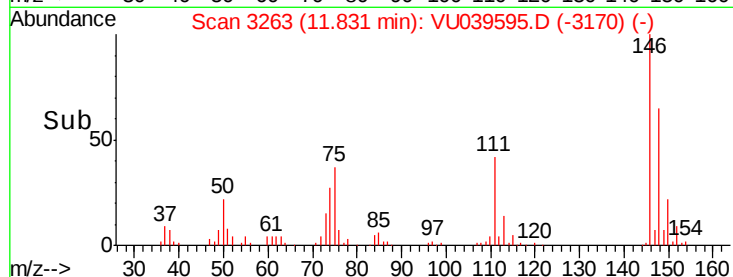
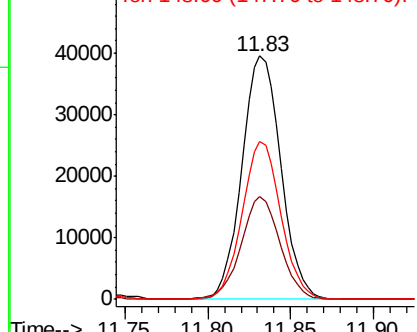
Ion	Ratio	Lower	Upper
146	100		
111	42.4	29.9	55.5
148	65.0	44.8	83.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 12.378 ug/L

RT: 12.21 min Scan# 3380

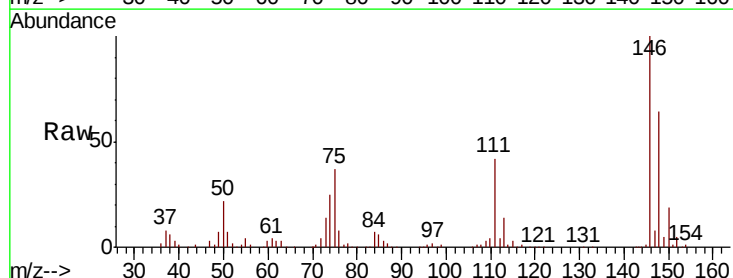
Delta R.T. -0.00 min

Lab File: VU039595.D

Acq: 21 Jul 2020 14:03

Tgt Ion:146 Resp: 174100

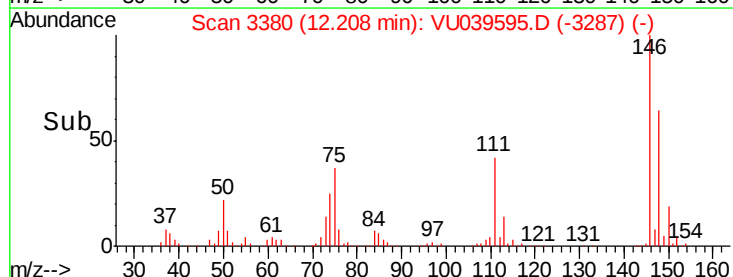
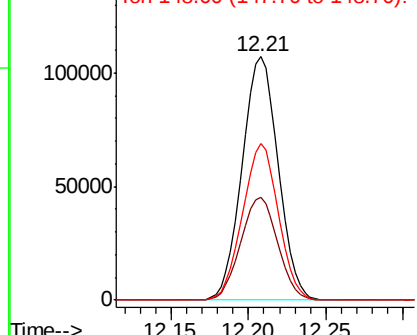
Ion	Ratio	Lower	Upper
146	100		
111	42.2	34.3	51.5
148	64.3	52.0	78.0

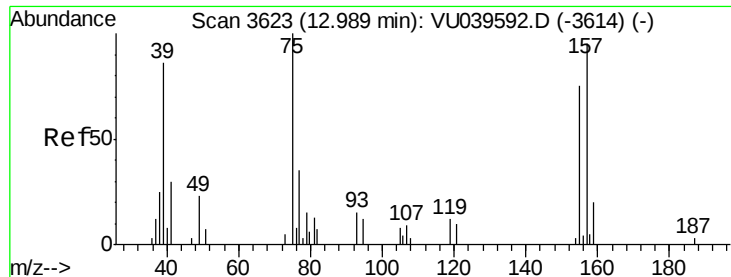


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

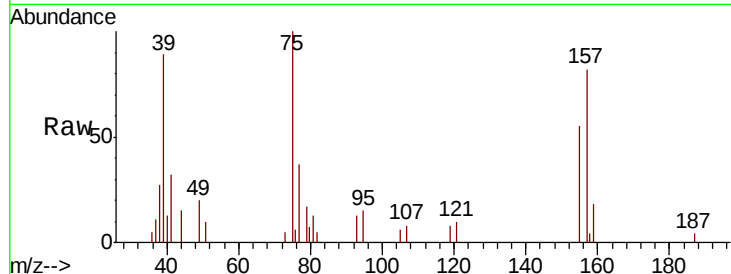




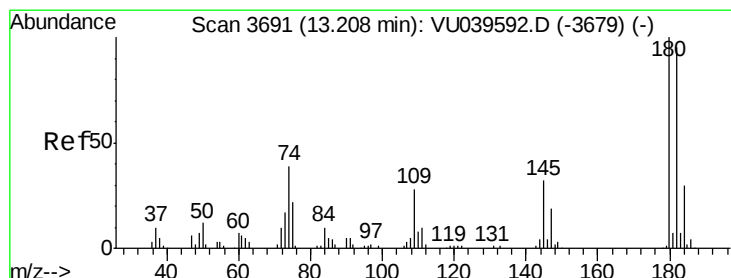
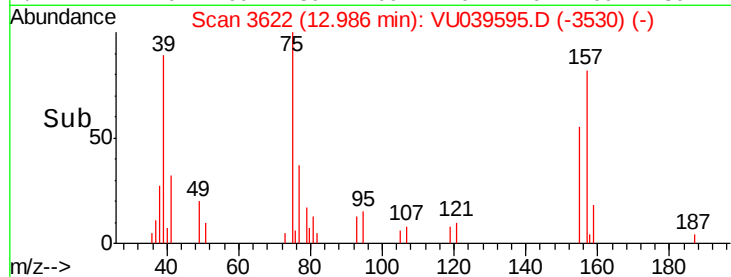
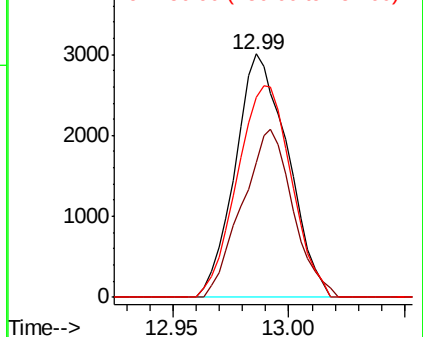
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.393 ug/L
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 4724
 Ion Ratio Lower Upper
 75 100
 155 55.3 48.4 72.6
 157 82.0 68.2 102.2

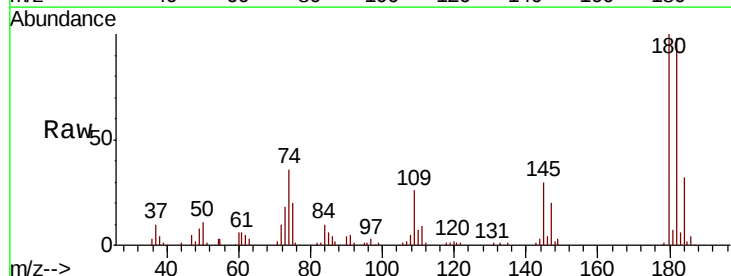


Abundance Ion 75.05 (74.75 to 75.75): VU039595.D (-3614) (-)
 Ion 154.95 (154.65 to 155.65): VU039595.D (-3614) (-)
 Ion 156.90 (156.60 to 157.60): VU039595.D (-3614) (-)

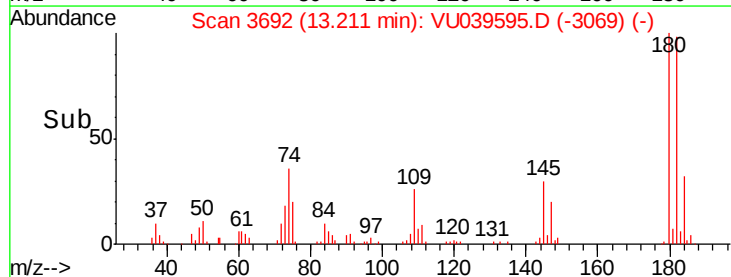
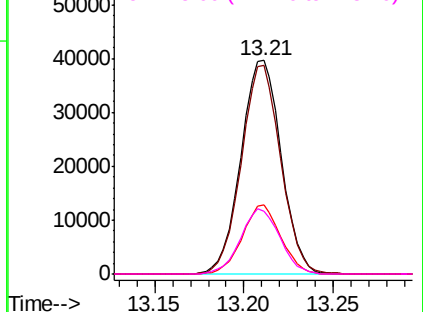


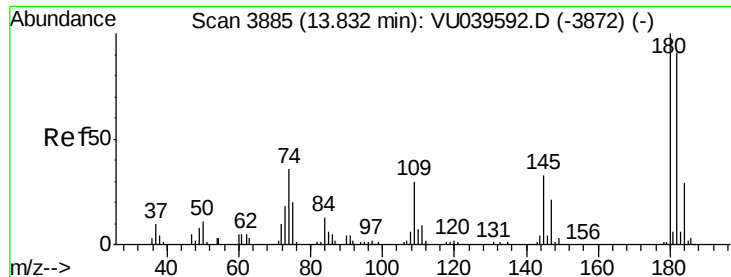
#67
 1,3,5-Trichlorobenzene
 Concen: 5.952 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion: 180 Resp: 62383
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.5 114.7
 184 30.9 24.8 37.2
 145 29.8 23.8 35.8



Abundance Ion 180.00 (179.70 to 180.70): VU039595.D (-3679) (-)
 Ion 182.00 (181.70 to 182.70): VU039595.D (-3679) (-)
 Ion 184.00 (183.70 to 184.70): VU039595.D (-3679) (-)
 Ion 145.00 (144.70 to 145.70): VU039595.D (-3679) (-)

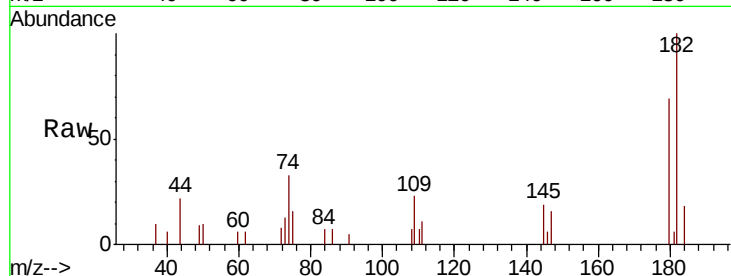




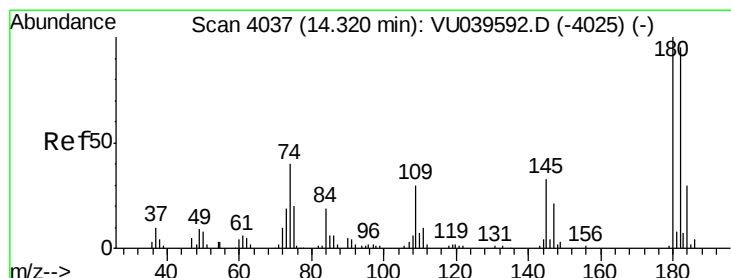
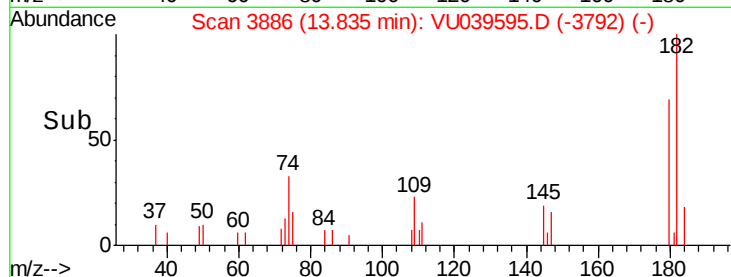
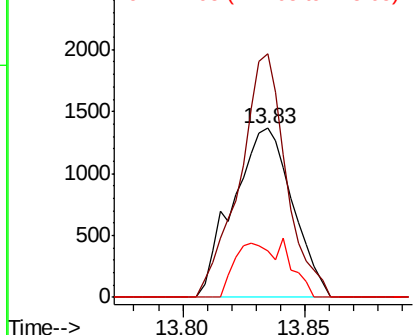
#68
 1,2,4-trichlorobenzene
 Concen: 0.268 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 2306
 Ion Ratio Lower Upper
 180 100
 182 111.9 78.8 118.2
 145 29.1 26.7 40.1

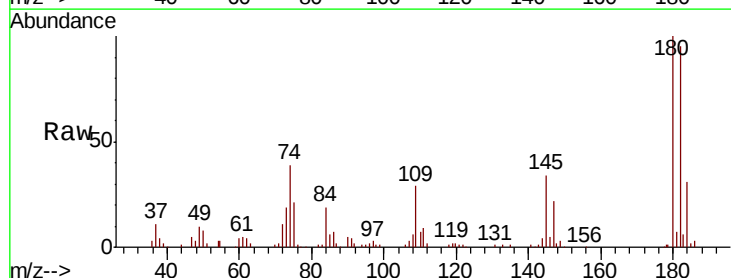


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 11.259 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. -0.00 min
 Lab File: VU039595.D
 Acq: 21 Jul 2020 14:03

Tgt Ion:180 Resp: 86103
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.0 117.0
 145 33.5 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

