

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038882.D
 Acq On : 13 Jun 2020 05:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 06:10:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	245247	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	118200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64062	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	65016	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.00%
11) 1,1-Dichloroethene-d2	2.59	63	158084	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.68	46	254230	60.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	5.10	84	158772	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	92603	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	293839	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.72	67	91700	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.92	98	261737	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	8.20	79	38515	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.65	63	211292	66.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.04%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83613	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	96601	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	107692	4.508	ug/L 99
3) Chloromethane	1.53	50	104737	5.315	ug/L 100
5) Vinyl chloride	1.62	62	104746	5.003	ug/L 99
6) Bromomethane	1.87	94	65569	5.458	ug/L 99
8) Chloroethane	1.95	64	83838	6.483	ug/L 99
9) Trichlorofluoromethane	2.16	101	177620	5.716	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	83357	4.690	ug/L 99
12) 1,1-Dichloroethene	2.60	96	87293	5.082	ug/L 92
13) Acetone	2.69	43	212368	62.399	ug/L 90
14) Carbon disulfide	2.82	76	285809	4.888	ug/L 100
15) Methyl Acetate	2.99	43	47790	5.748	ug/L 99
16) Methylene chloride	3.08	84	119653	6.059	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	247386	5.590	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	94628	5.131	ug/L 99
19) 1,1-Dichloroethane	3.91	63	181181	5.459	ug/L 97
21) 2-Butanone	4.76	43	325111	58.152	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	99854	5.199	ug/L 99

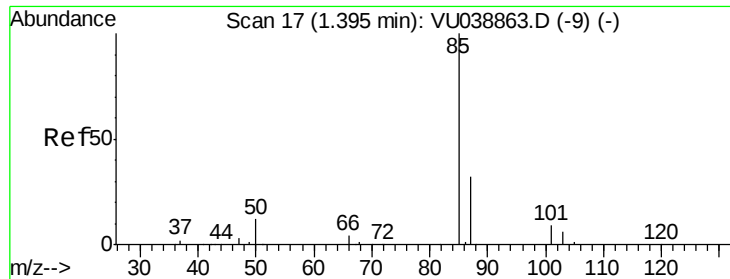
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038882.D
 Acq On : 13 Jun 2020 05:31
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50277	5.583	ug/L	97
25) Chloroform	5.12	83	183688	5.368	ug/L	99
27) 1,2-Dichloroethane	5.83	62	135257	5.669	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	148957	5.202	ug/L	99
30) Cyclohexane	5.42	56	124826	4.498	ug/L	99
31) Carbon tetrachloride	5.56	117	117409	4.857	ug/L	100
33) Benzene	5.81	78	379948	5.419	ug/L	100
34) Trichloroethene	6.57	95	92793	5.068	ug/L	98
35) Methylcyclohexane	6.79	83	122701	4.310	ug/L	97
37) 1,2-Dichloropropane	6.82	63	99714	5.646	ug/L	100
38) Bromodichloromethane	7.13	83	134537	5.872	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	136162	5.201	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	748388	63.316	ug/L	99
42) Toluene	7.99	91	378904	5.119	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	124472	5.338	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	83039	6.165	ug/L	97
47) Tetrachloroethene	8.57	164	65053	4.615	ug/L	96
48) 2-Hexanone	8.71	43	576324	63.472	ug/L	98
49) Dibromochloromethane	8.83	129	88976	5.917	ug/L	98
50) 1,2-Dibromoethane	8.94	107	75442	5.738	ug/L	98
51) Chlorobenzene	9.47	112	237491	4.982	ug/L	98
52) Ethylbenzene	9.59	91	385175	4.724	ug/L	100
53) m,p-Xylene	9.71	106	150487	4.884	ug/L	97
54) o-Xylene	10.11	106	147726	4.993	ug/L	98
55) Styrene	10.13	104	260802	5.123	ug/L	99
56) Isopropylbenzene	10.50	105	370233	4.682	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	98614	5.888	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	78471	5.989	ug/L	99
61) Bromoform	10.31	173	49759	5.845	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	186814	4.896	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	189320	4.864	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	182613	5.087	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	19043	6.541	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	132941	4.756	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	124672	5.040	ug/L	97
69) Naphthalene	14.11	128	264211	5.627	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	122875	5.434	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 4.508 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

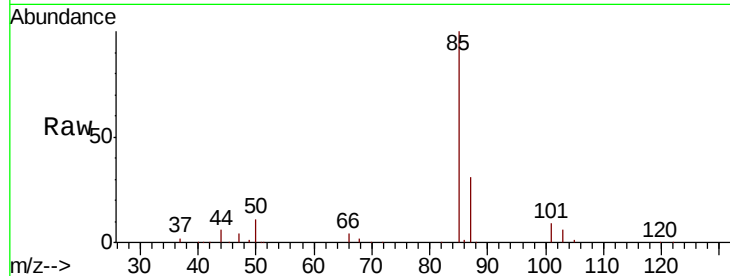
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 85 Resp: 107692

Ion Ratio Lower Upper

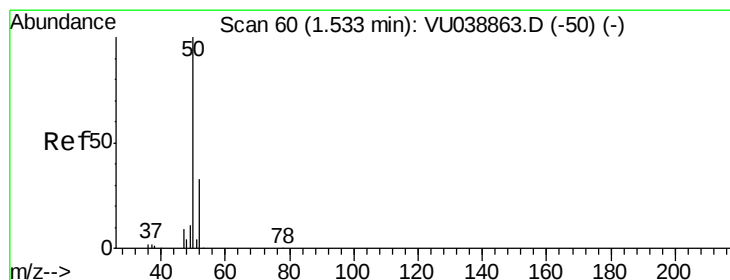
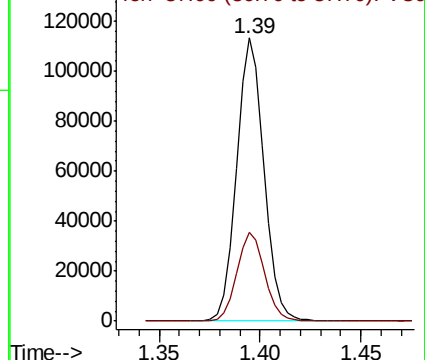
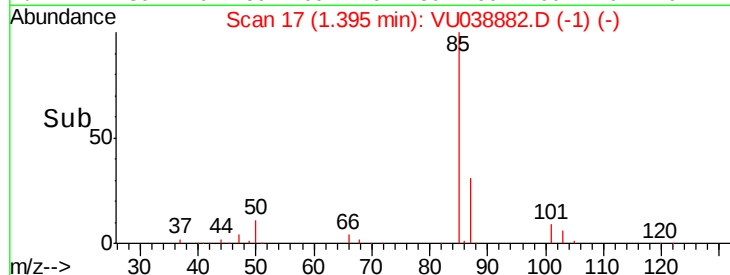
85 100

87 31.8 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU038882.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU038882.D (-1) (-)



#3

Chloromethane

Concen: 5.315 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038882.D

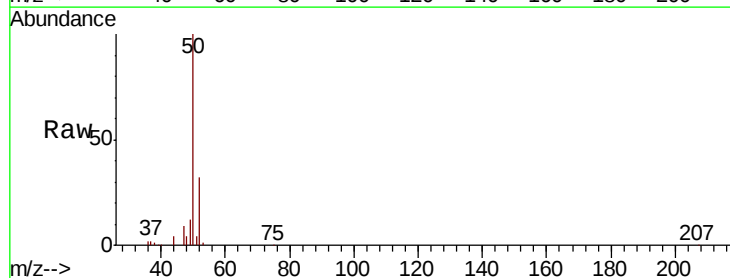
Acq: 13 Jun 2020 05:31

Tgt Ion: 50 Resp: 104737

Ion Ratio Lower Upper

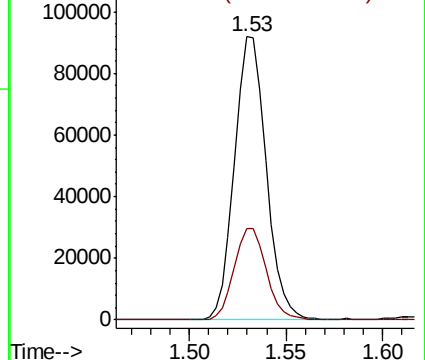
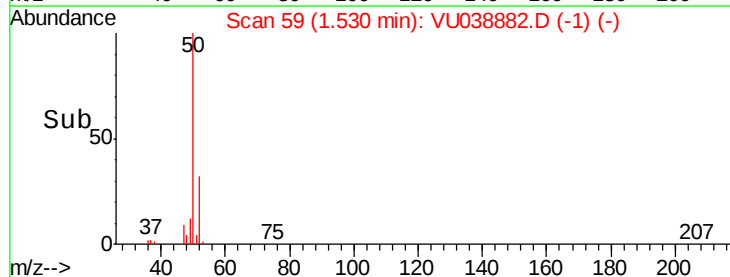
50 100

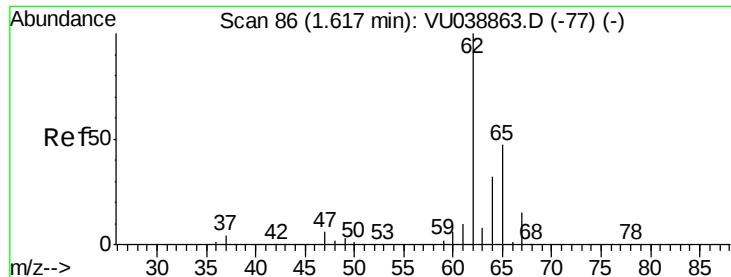
52 32.3 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU038882.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU038882.D (-1) (-)





#5

Vinyl chloride

Concen: 5.003 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

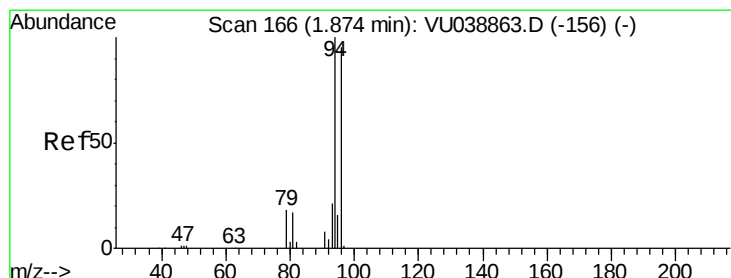
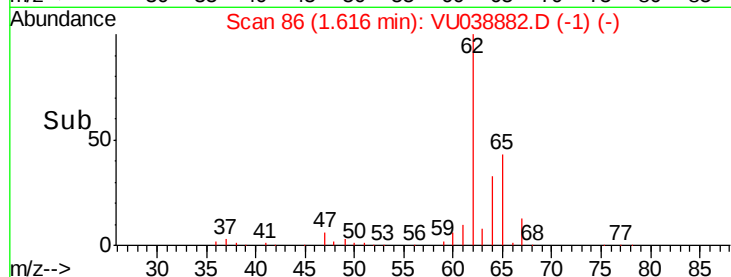
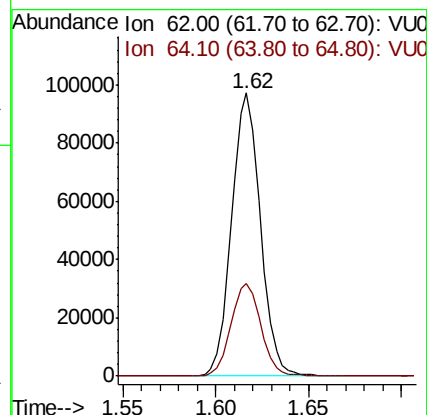
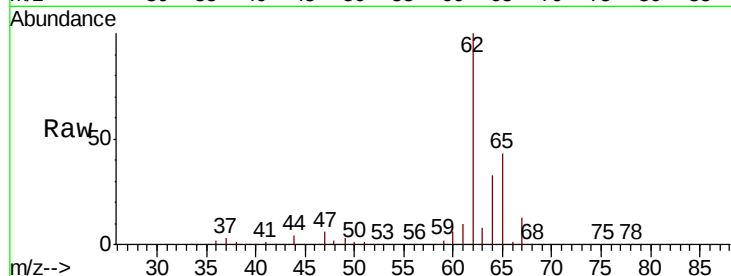
ClientSampled :

Tot Ion: 62 Resp: 104746

Ion Ratio Lower Upper

62 100

64 32.9 23.4 43.6



#6

Bromomethane

Concen: 5.458 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU038882.D

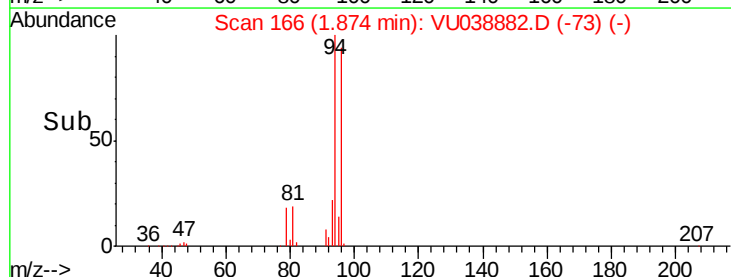
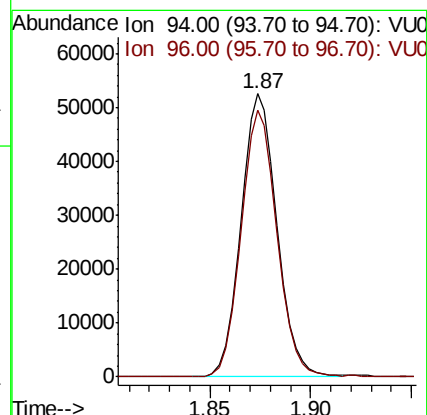
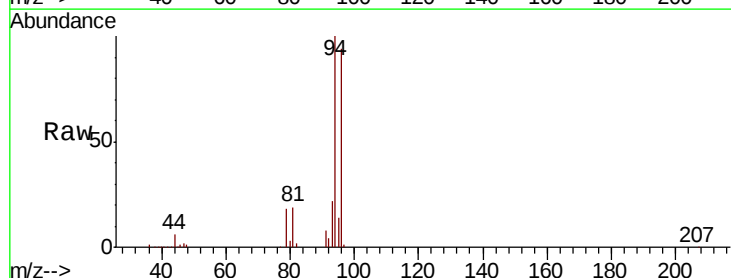
Acq: 13 Jun 2020 05:31

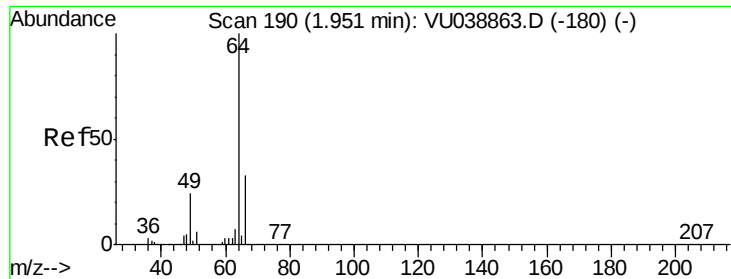
Tgt Ion: 94 Resp: 65569

Ion Ratio Lower Upper

94 100

96 94.2 66.8 124.2

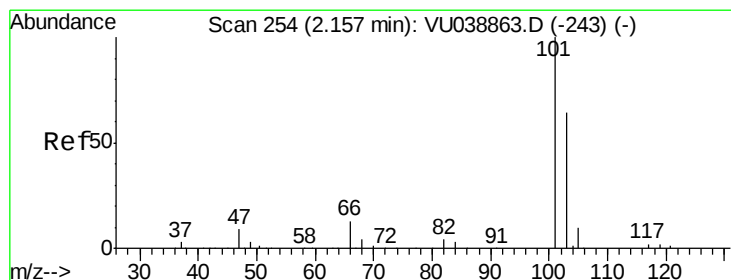
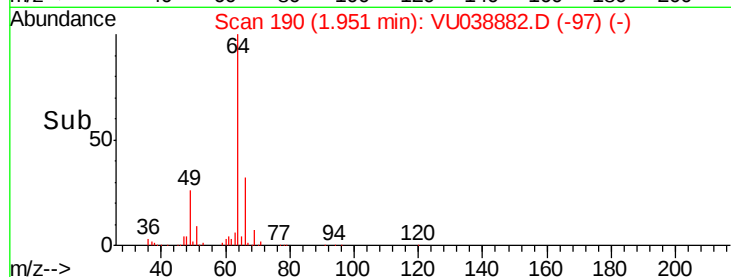
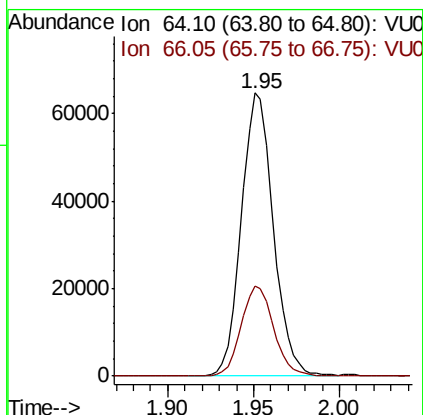
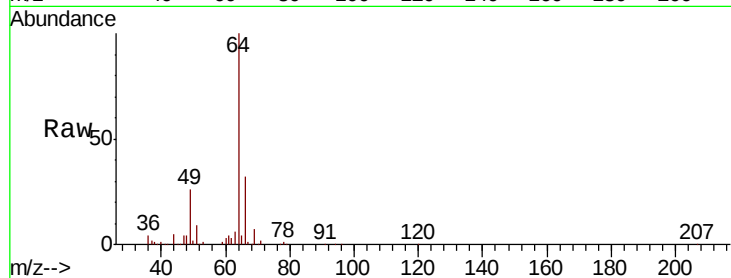




#8
Chloroethane
Concen: 6.483 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

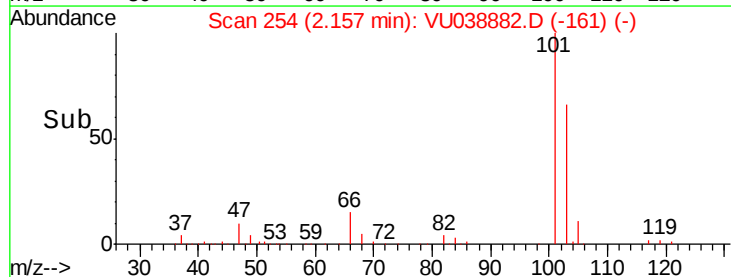
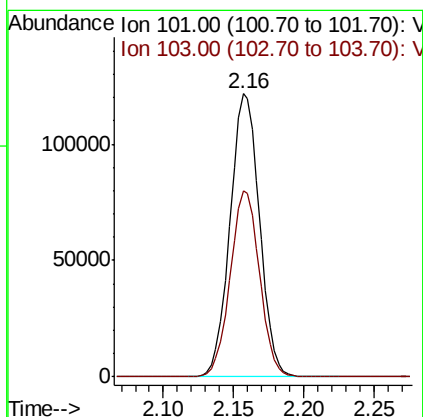
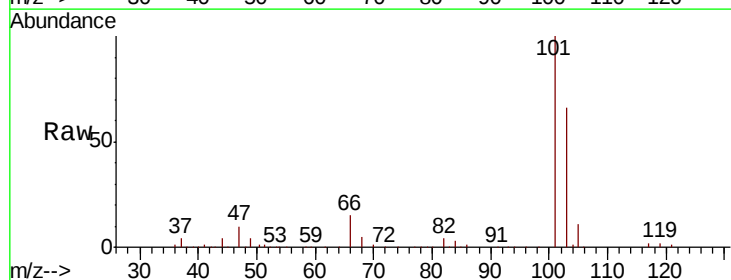
Instrument :
MSVOA_U
ClientSampleId :

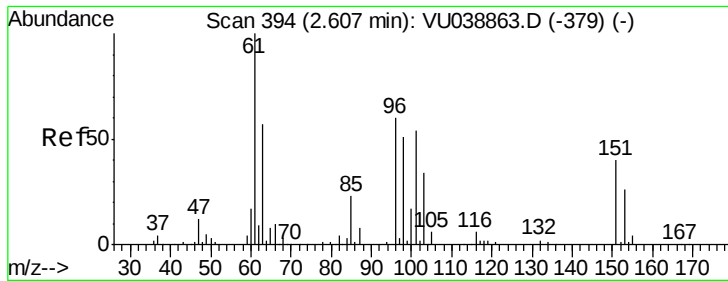
Tot Ion: 64 Resp: 83838
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.716 ug/L
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion:101 Resp: 177620
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.690 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

ClientSampled :

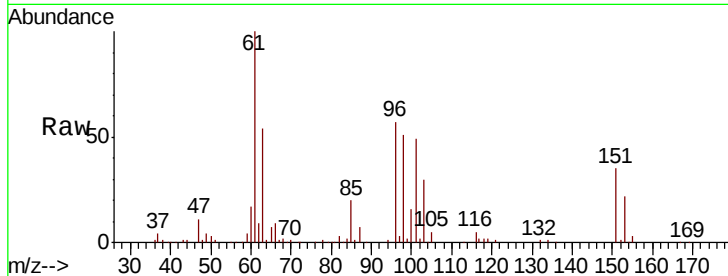
Tot Ion:101 Resp: 83357

Ion Ratio Lower Upper

101 100

85 43.9 34.5 51.7

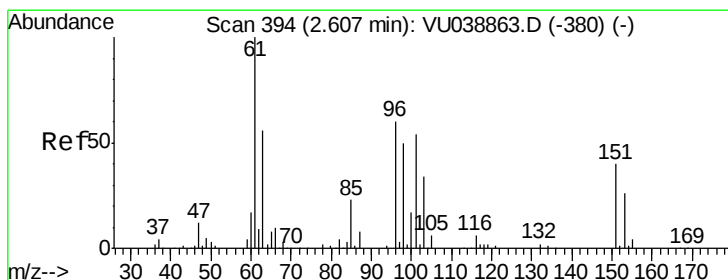
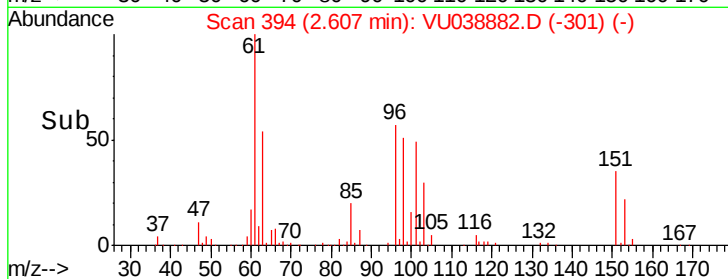
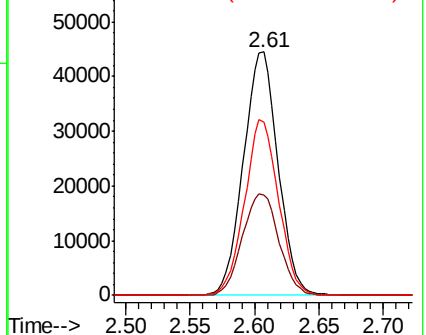
151 70.8 56.5 84.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.082 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

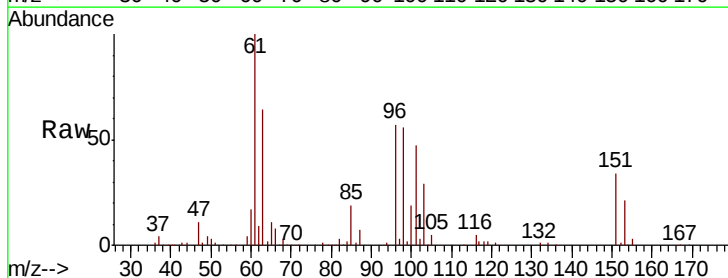
Tgt Ion: 96 Resp: 87293

Ion Ratio Lower Upper

96 100

61 176.7 120.2 223.2

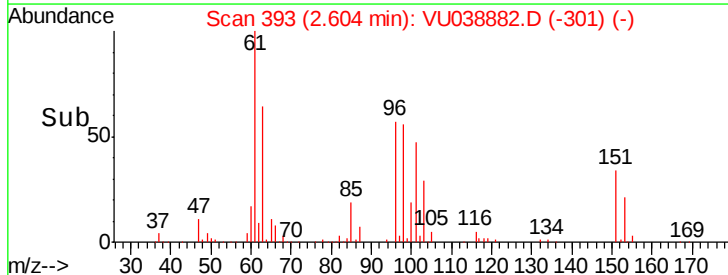
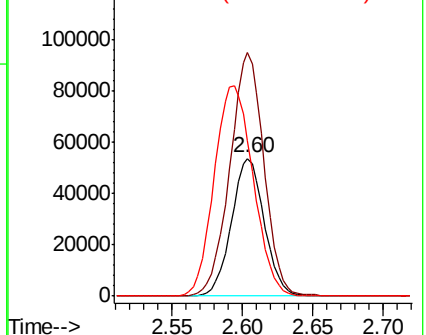
63 112.5 90.1 167.3

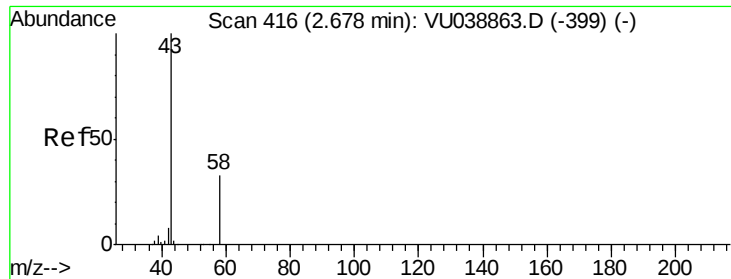


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 62.399 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

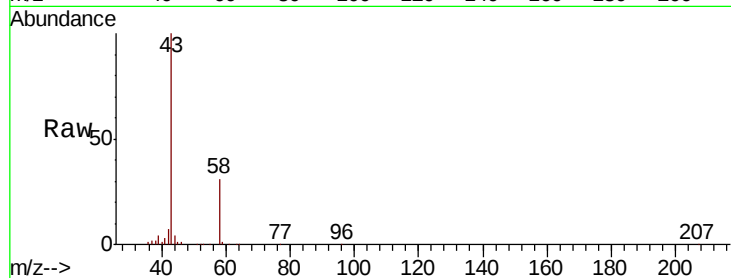
ClientSampleId :

Tot Ion: 43 Resp: 212368

Ion Ratio Lower Upper

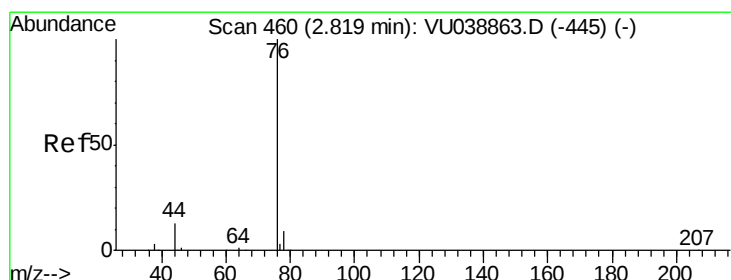
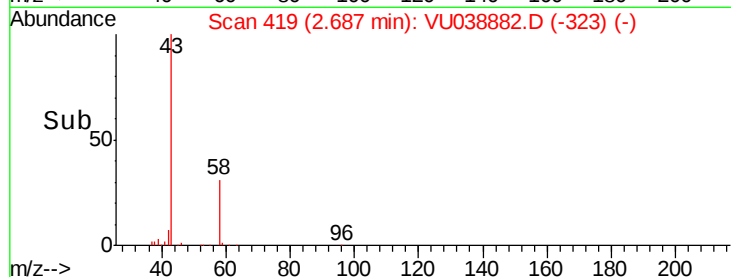
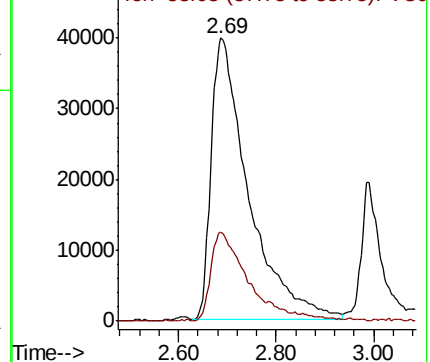
43 100

58 27.5 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038882.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU038882.D (-323) (-)



#14

Carbon disulfide

Concen: 4.888 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038882.D

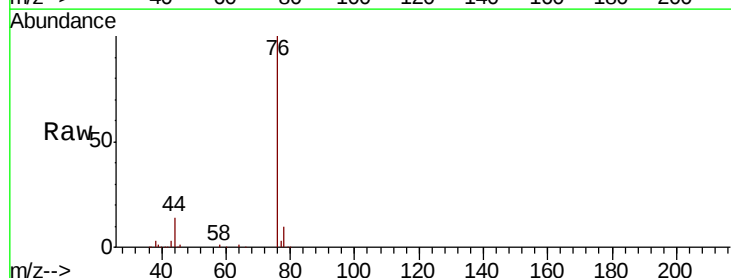
Acq: 13 Jun 2020 05:31

Tgt Ion: 76 Resp: 285809

Ion Ratio Lower Upper

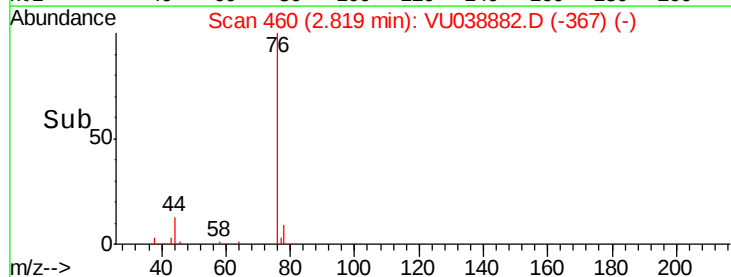
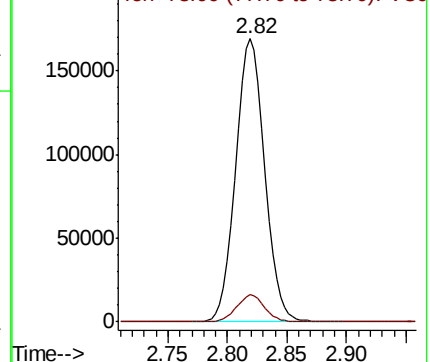
76 100

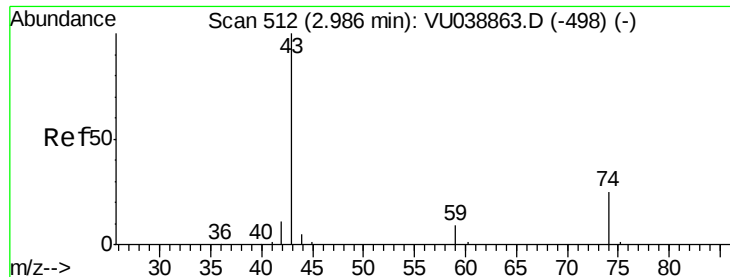
78 9.5 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU038882.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038882.D (-367) (-)

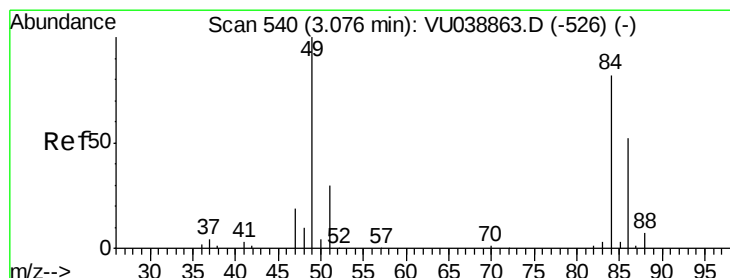
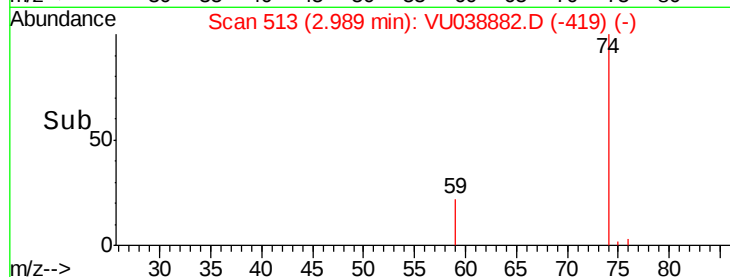
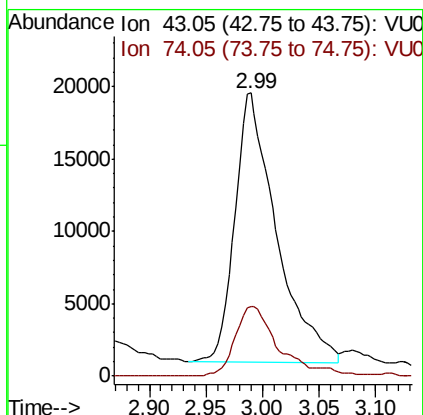
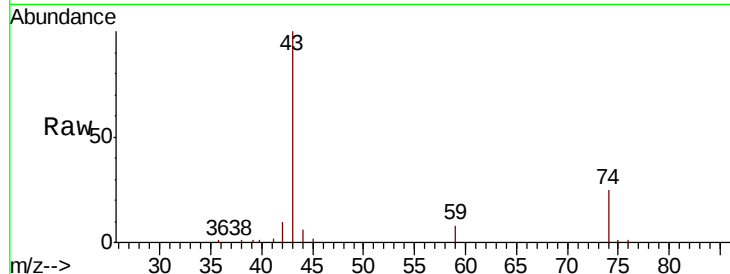




#15
Methvl Acetate
Concen: 5.748 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

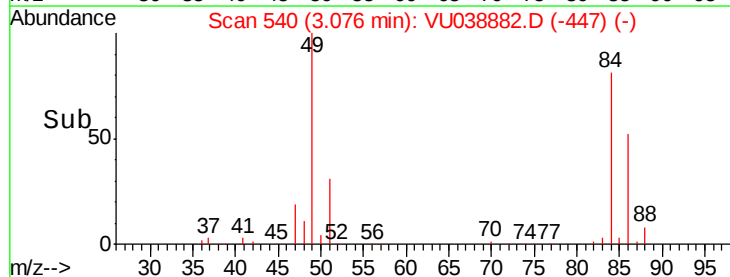
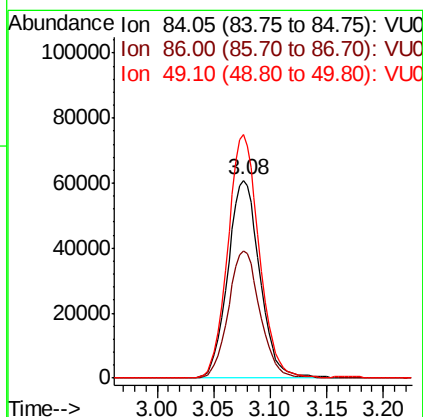
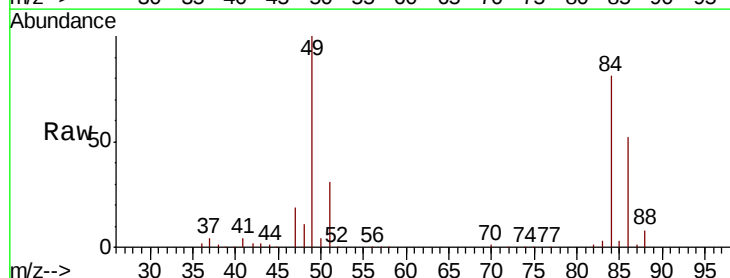
Instrument :
MSVOA_U
ClientSampleId :

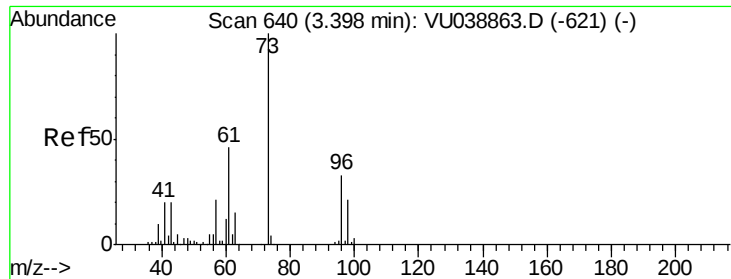
Tot Ion: 43 Resp: 47790
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.4



#16
Methylene chloride
Concen: 6.059 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion: 84 Resp: 119653
Ion Ratio Lower Upper
84 100
86 64.6 43.0 80.0
49 123.1 85.0 157.8

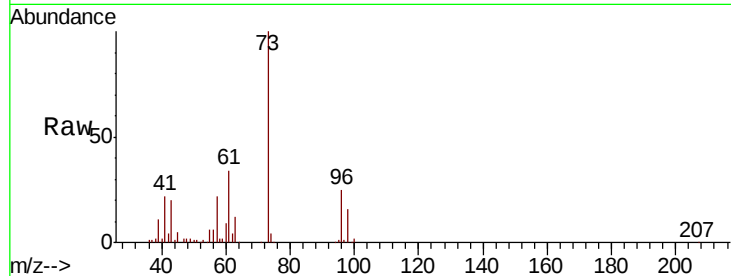




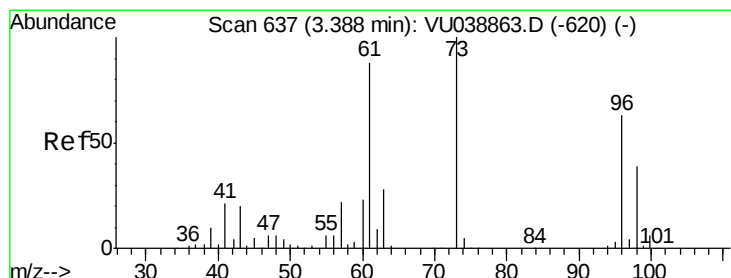
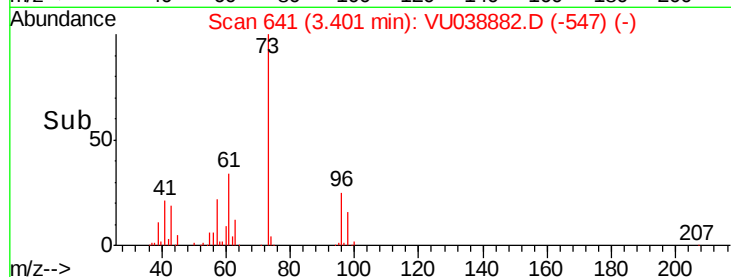
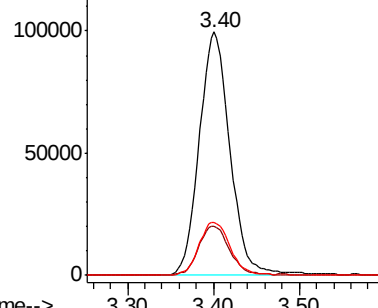
#17
Methvl tert-butvl Ether
Concen: 5.590 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 247386
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 22.1 17.5 26.3

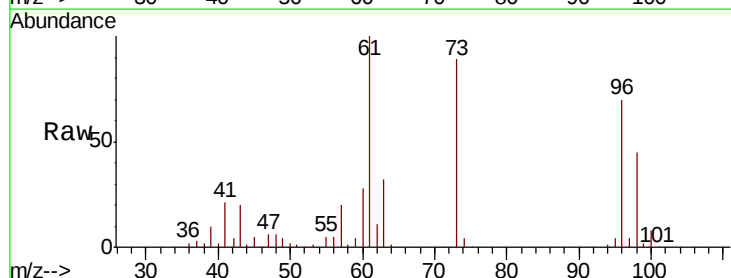


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

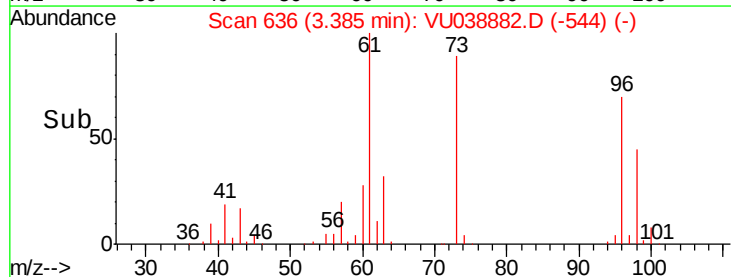
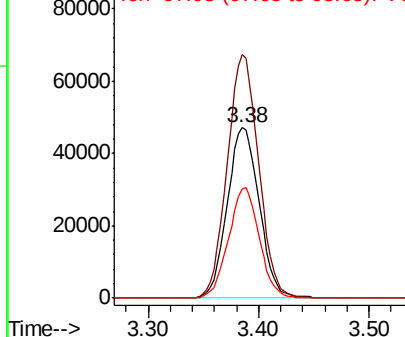


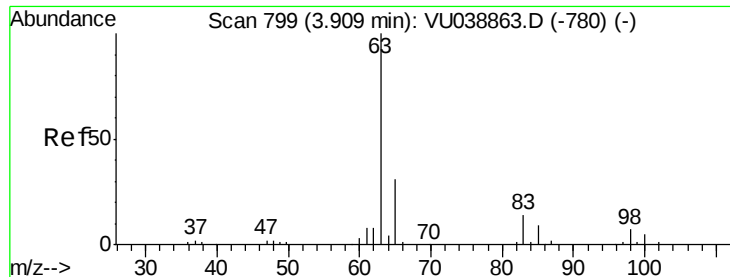
#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion: 96 Resp: 94628
Ion Ratio Lower Upper
96 100
61 142.8 99.3 184.5
98 64.3 43.9 81.5



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

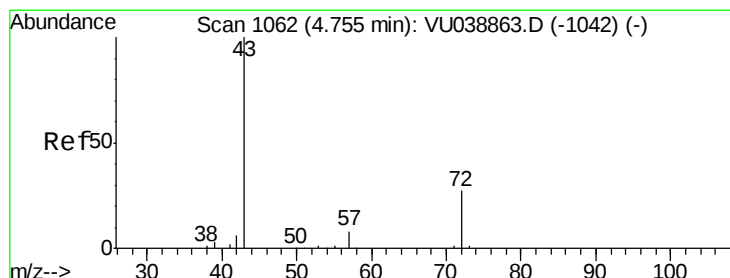
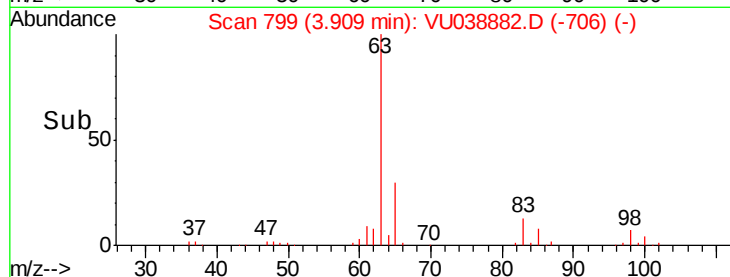
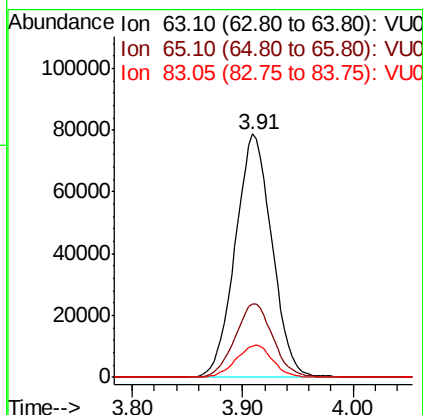
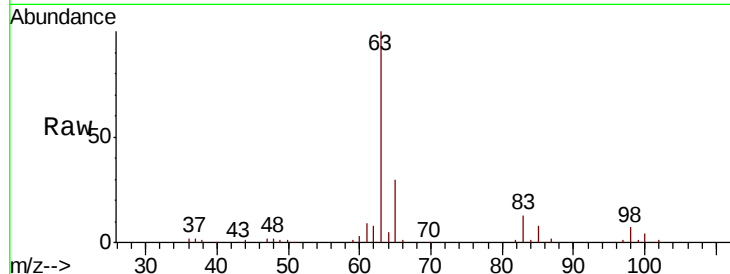




#19
 1,1-Dichloroethane
 Concen: 5.459 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

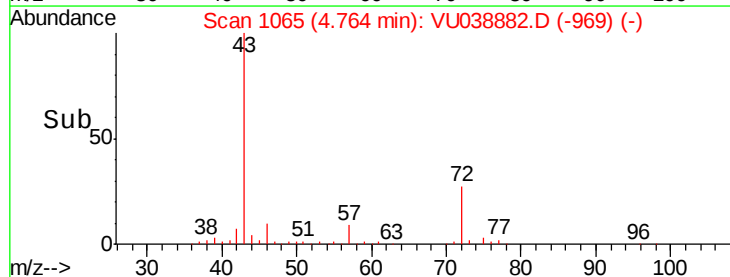
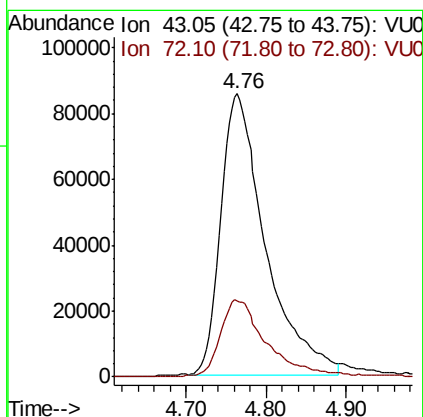
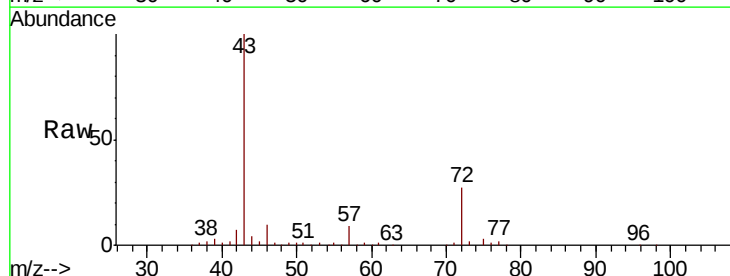
Instrument :
 MSVOA_U
 ClientSampled :

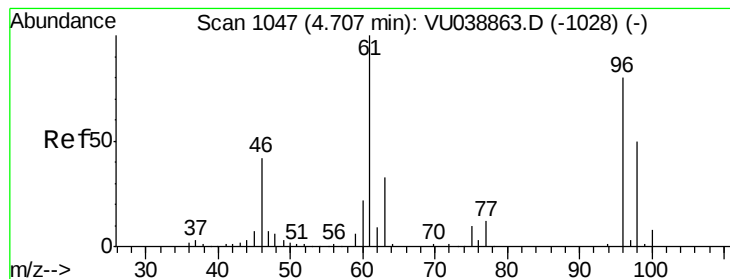
Tot Ion: 63 Resp: 181181
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.3 41.5
 83 12.9 10.1 18.9



#21
 2-Butanone
 Concen: 58.152 ug/L
 RT: 4.76 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt Ion: 43 Resp: 325111
 Ion Ratio Lower Upper
 43 100
 72 28.7 14.2 42.8





#22

cis-1,2-Dichloroethene

Concen: 5.199 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :
MSVOA_U
ClientSampleId :

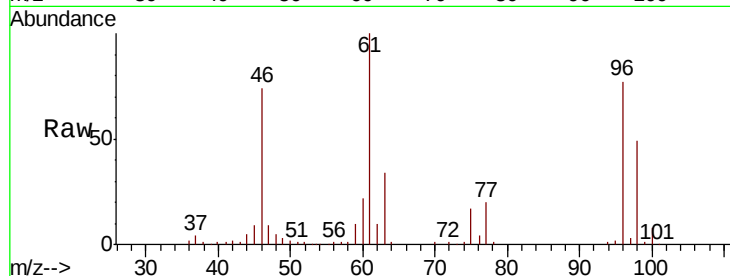
Tot Ion: 96 Resp: 99854

Ion Ratio Lower Upper

96 100

61 129.9 89.7 166.7

68 0.0 0.0 0.0

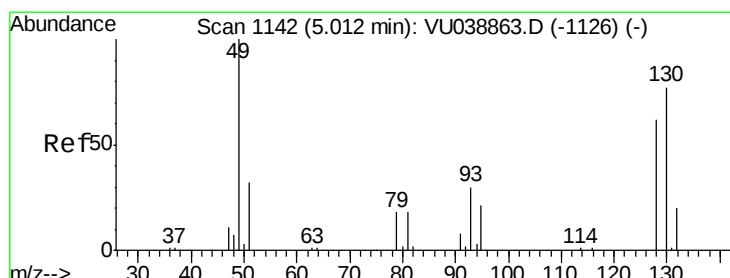
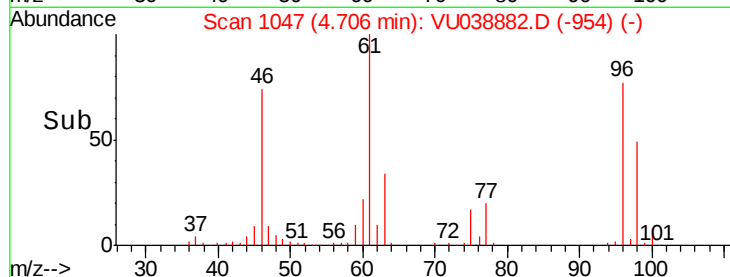
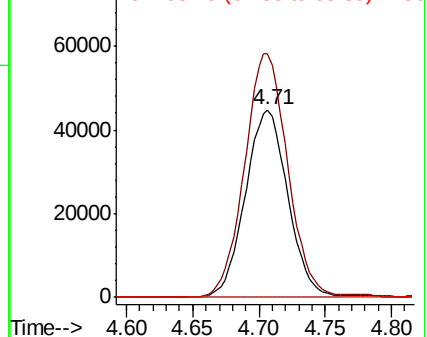


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 5.583 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Tgt Ion: 128 Resp: 50277

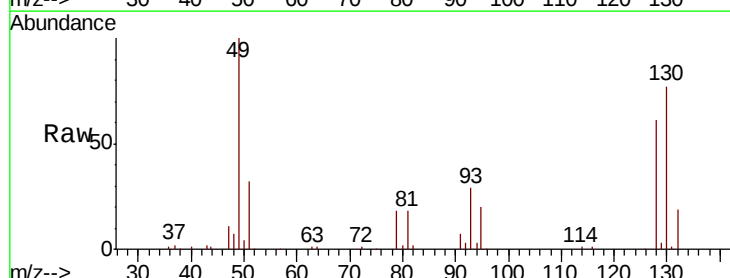
Ion Ratio Lower Upper

128 100

49 164.5 110.8 205.8

130 126.4 86.6 160.8

51 52.5 42.3 63.5



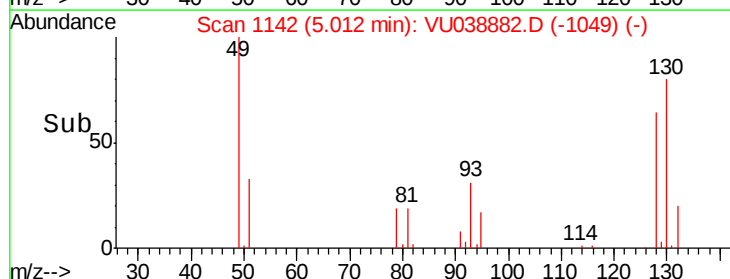
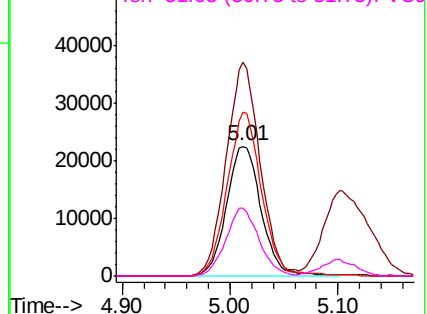
Abundance

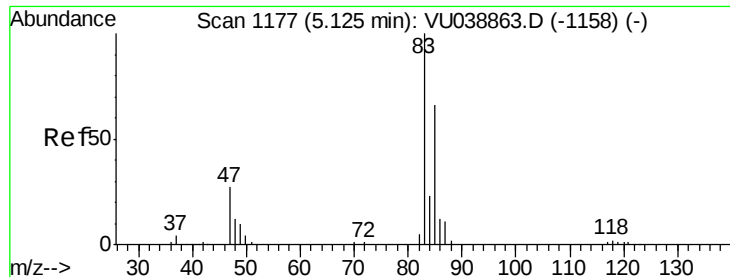
Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0

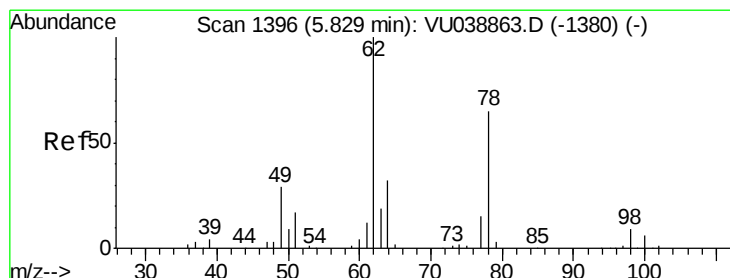
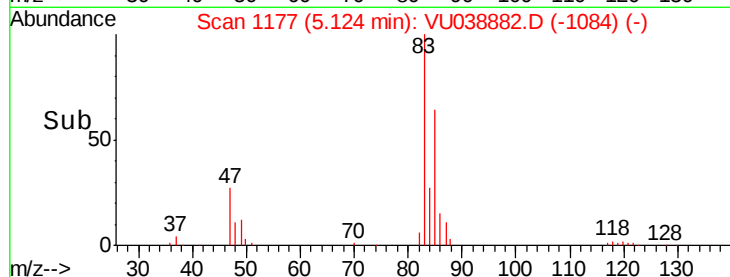
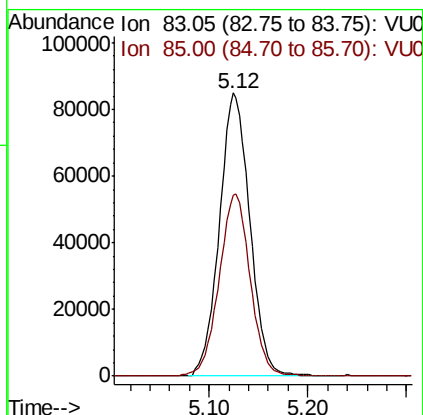
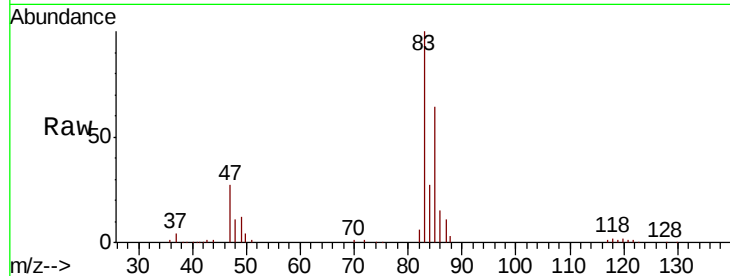




#25
Chloroform
Concen: 5.368 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

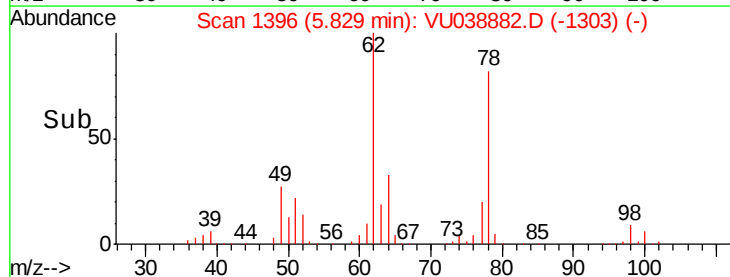
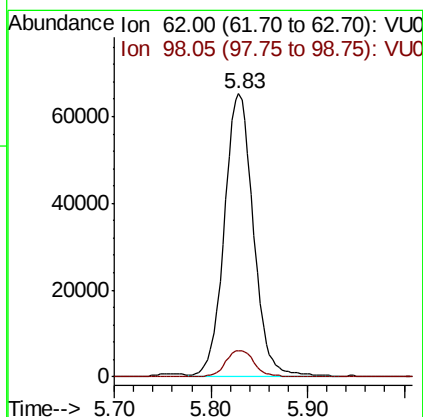
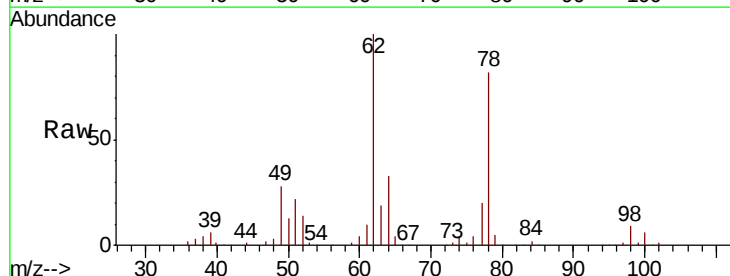
Instrument :
MSVOA_U
ClientSampleId :

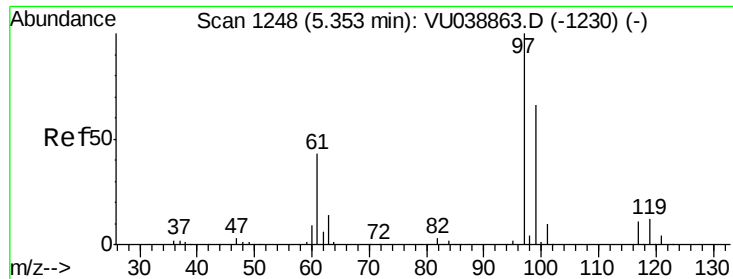
Tot Ion: 83 Resp: 183688
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.669 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion: 62 Resp: 135257
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.4

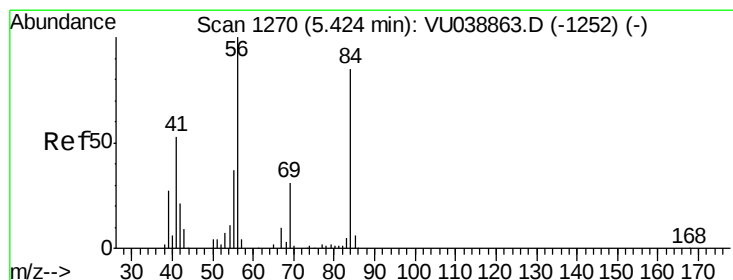
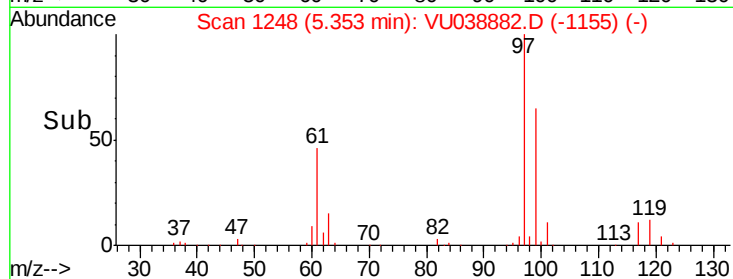
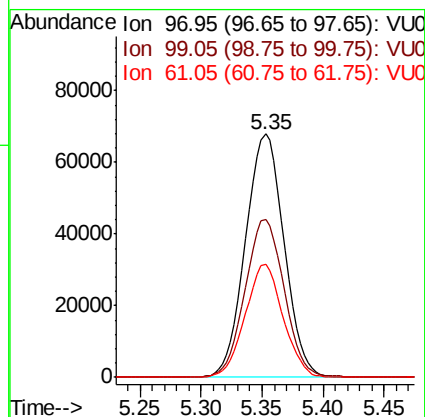
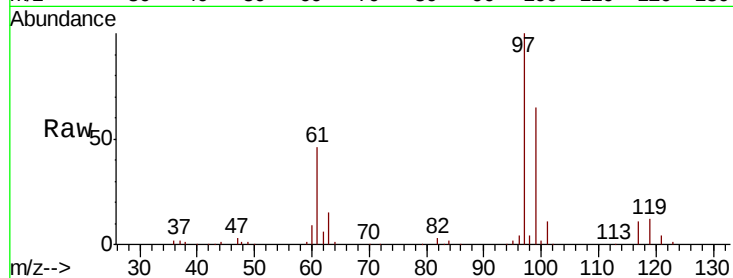




#29
 1,1,1-Trichloroethane
 Concen: 5.202 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

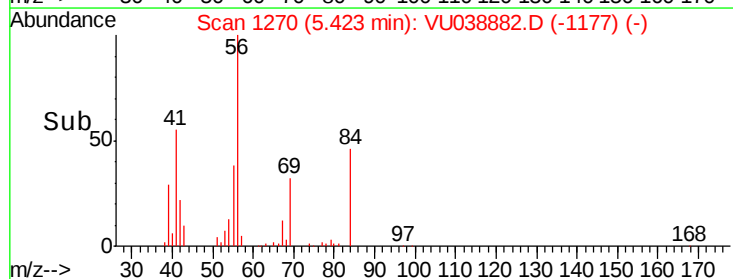
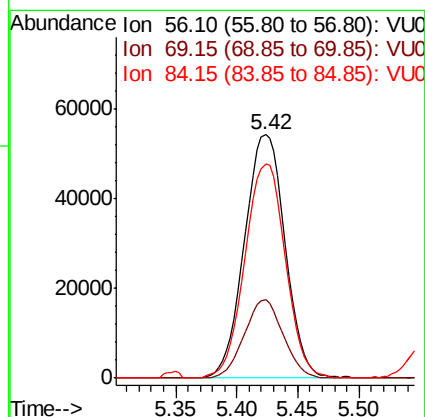
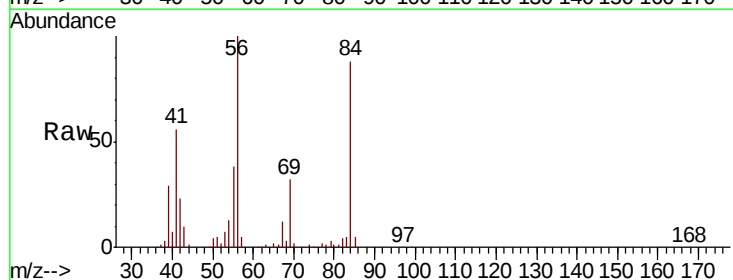
Instrument :
 MSVOA_U
 ClientSampleId :

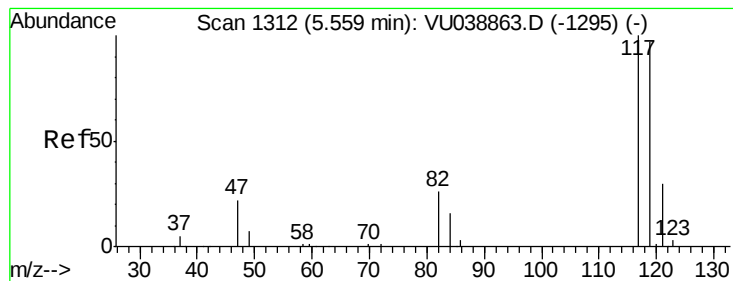
Tot Ion: 97 Resp: 148957
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.1 78.1
 61 45.4 35.9 53.9



#30
 Cyclohexane
 Concen: 4.498 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt Ion: 56 Resp: 124826
 Ion Ratio Lower Upper
 56 100
 69 30.7 25.1 37.7
 84 87.8 69.5 104.3





#31

Carbon tetrachloride

Concen: 4.857 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

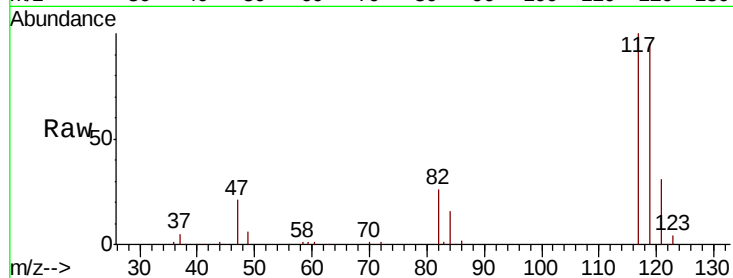
ClientSampleId :

Tot Ion:117 Resp: 117409

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56

60000

50000

40000

30000

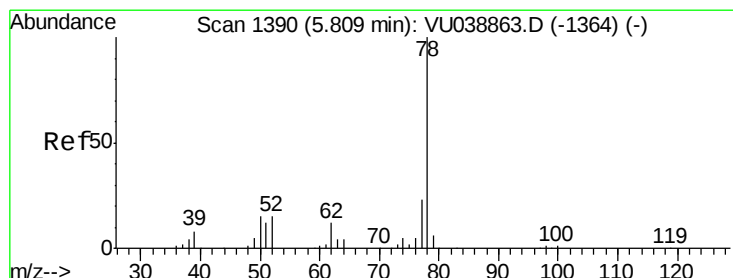
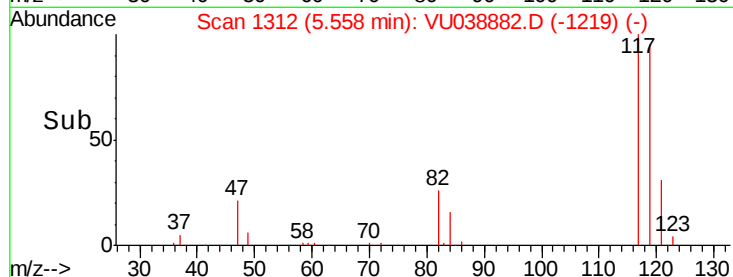
20000

10000

0

Time-->

5.45 5.50 5.55 5.60 5.65



#33

Benzene

Concen: 5.419 ug/L

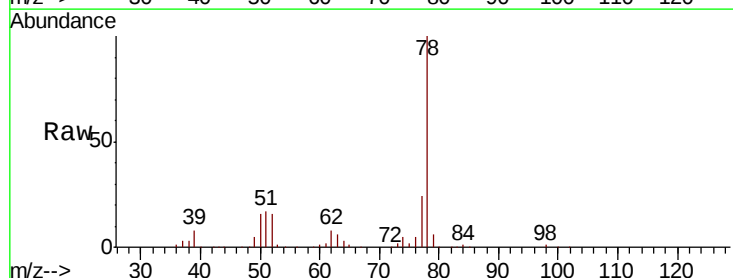
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Tgt Ion: 78 Resp: 379948



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.81

200000

150000

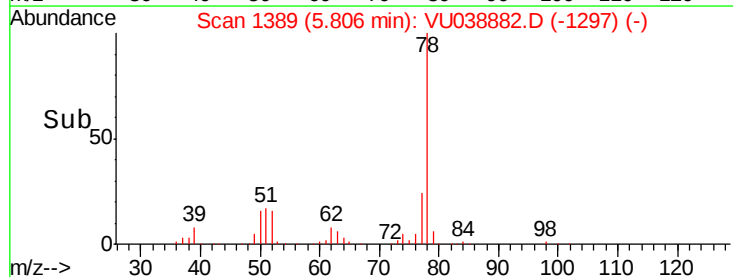
100000

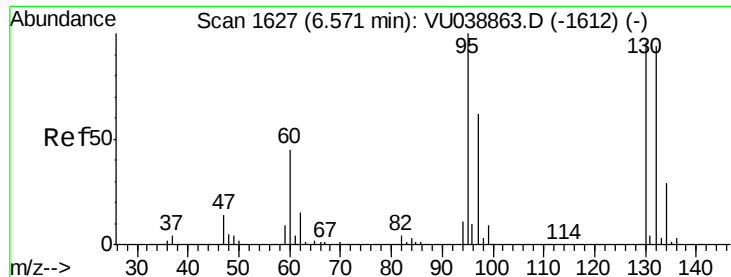
50000

0

Time-->

5.70 5.80 5.90

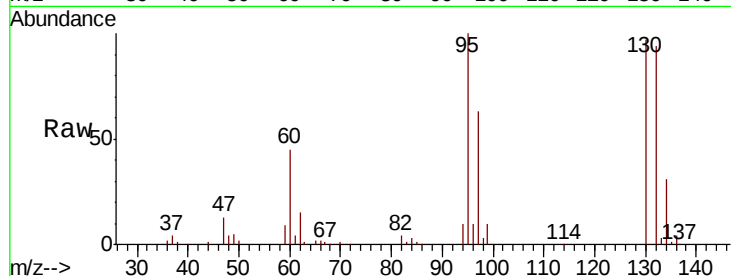




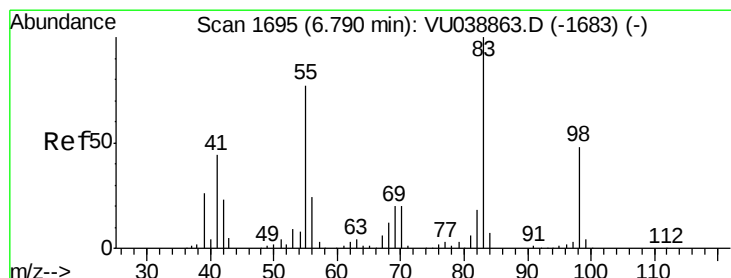
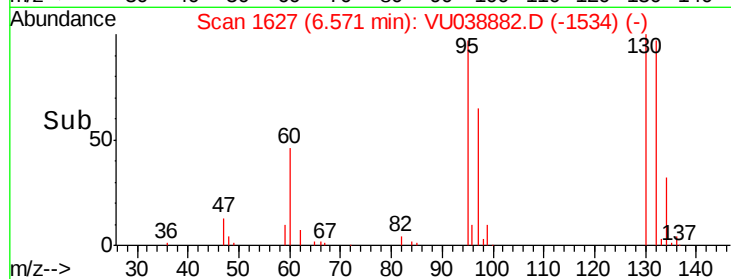
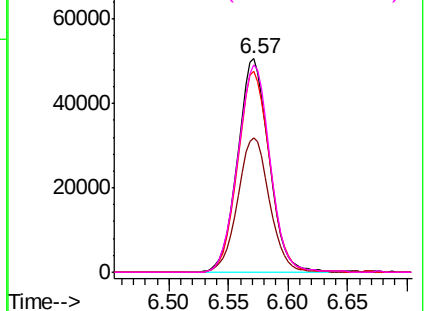
#34
 Trichloroethene
 Concen: 5.068 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 92793
 Ion Ratio Lower Upper
 95 100
 97 63.0 46.1 85.5
 132 94.2 67.5 125.3
 130 96.8 66.7 123.9

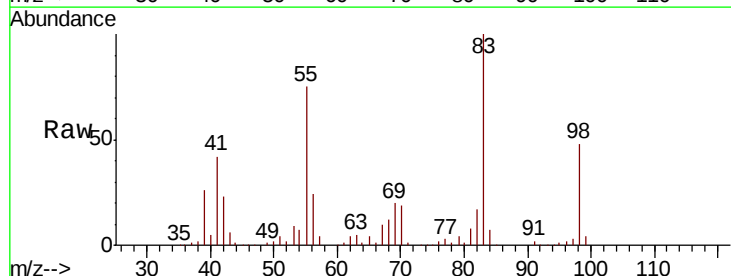


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

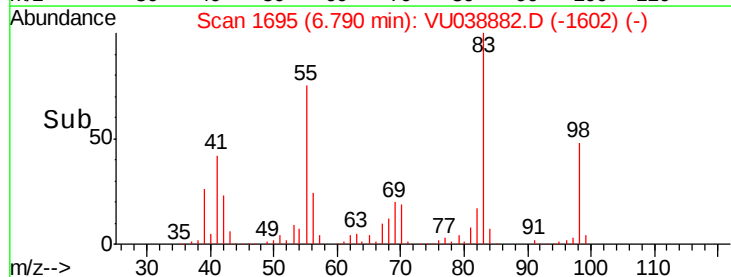
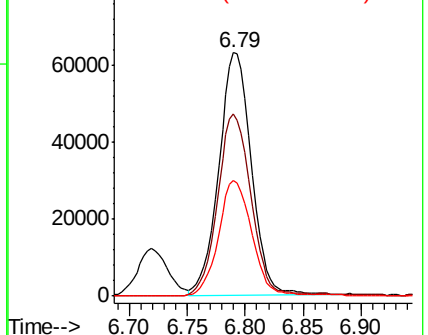


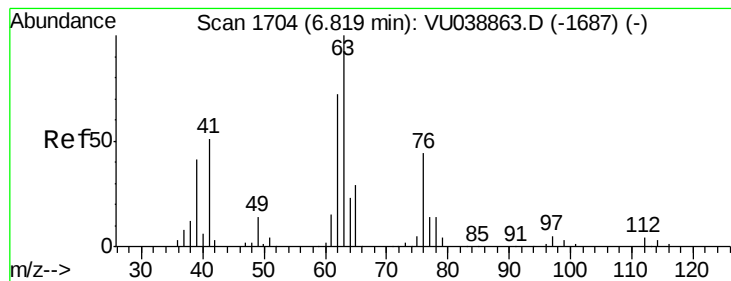
#35
 Methylcyclohexane
 Concen: 4.310 ug/L
 RT: 6.79 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt Ion: 83 Resp: 122701
 Ion Ratio Lower Upper
 83 100
 55 77.5 64.2 96.2
 98 49.3 40.5 60.7



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: 5.646 ug/L

RT: 6.82 min Scan# 1704

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

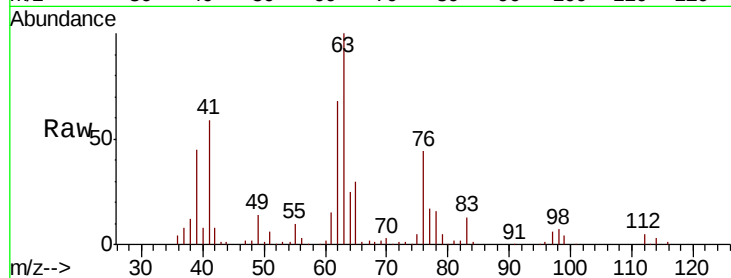
ClientSampled :

Tot Ion: 63 Resp: 99714

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6

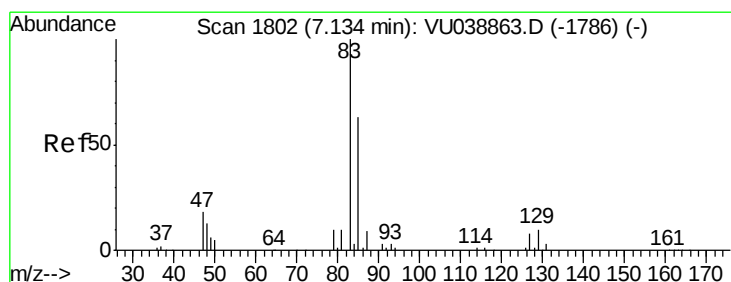
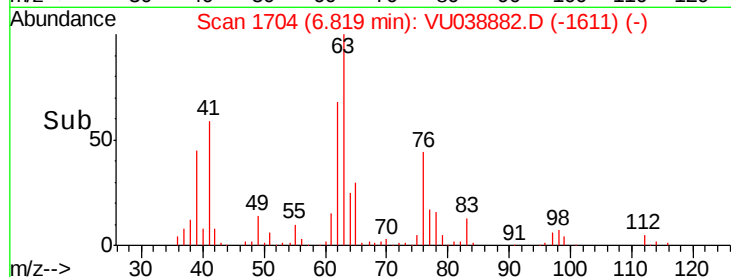


Abundance Ion 63.10 (62.80 to 63.80): VU038863.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038863.D (-1687) (-)

6.82

Time-->



#38

Bromodichloromethane

Concen: 5.872 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

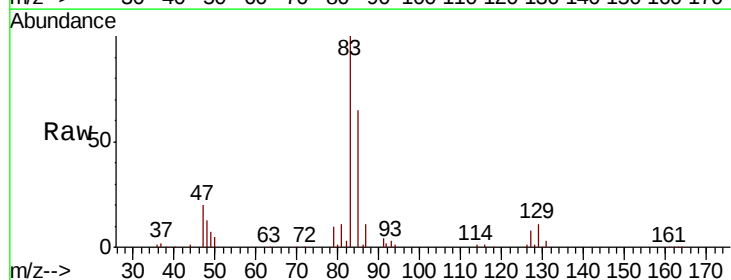
Tgt Ion: 83 Resp: 134537

Ion Ratio Lower Upper

83 100

85 65.4 45.3 84.1

127 8.4 7.1 10.7



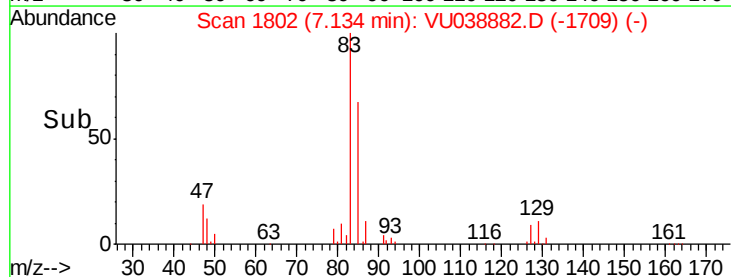
Abundance Ion 82.95 (82.65 to 83.65): VU038863.D (-1786) (-)

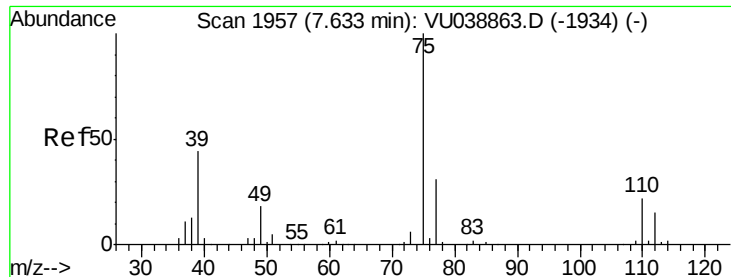
Ion 85.00 (84.70 to 85.70): VU038863.D (-1786) (-)

Ion 126.90 (126.60 to 127.60): VU038863.D (-1786) (-)

7.13

Time-->

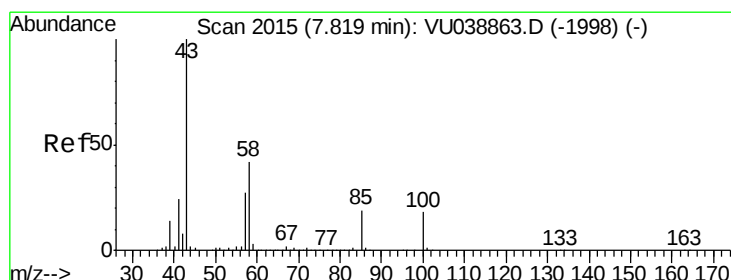
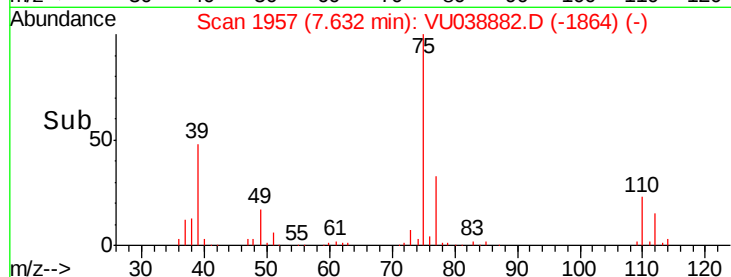
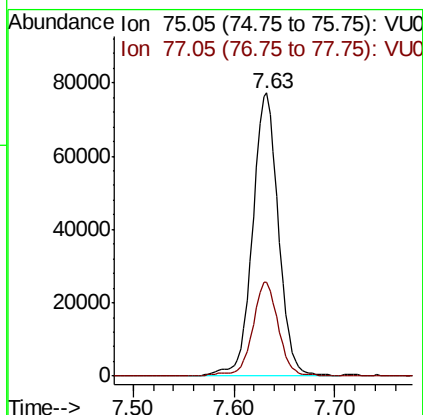
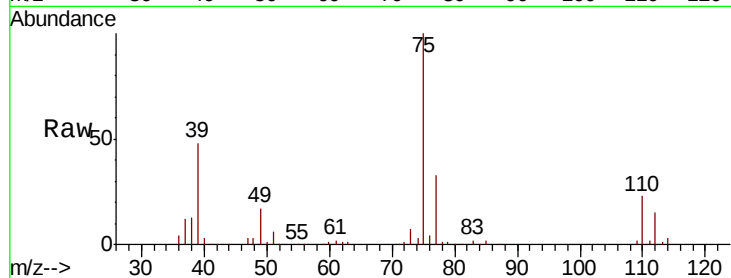




#39
 cis-1,3-Dichloropropene
 Concen: 5.201 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

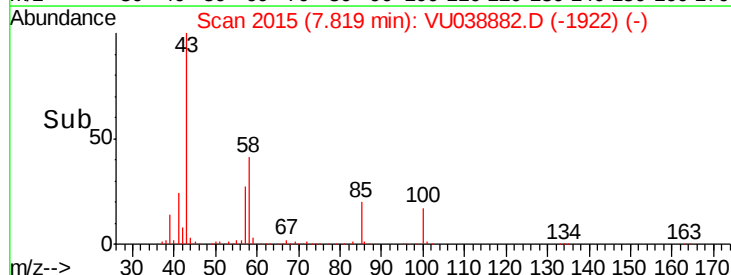
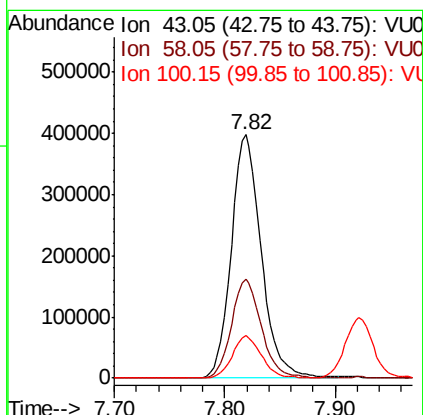
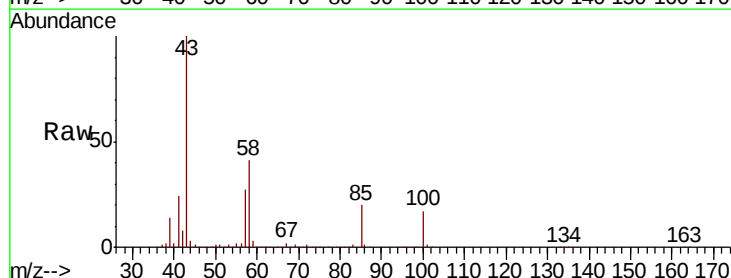
Instrument :
 MSVOA_U
 ClientSampleId :

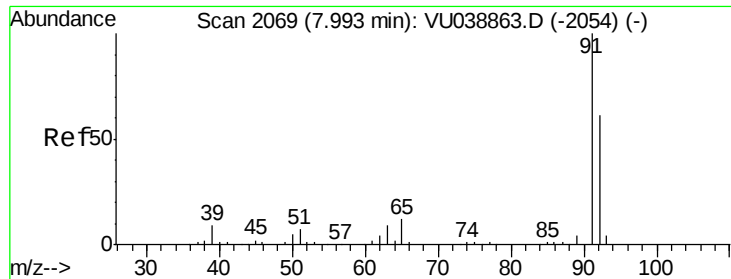
Tot Ion: 75 Resp: 136162
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 63.316 ug/L
 RT: 7.82 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt Ion: 43 Resp: 748388
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.4 50.0
 100 17.0 13.5 20.3





#42

Toluene

Concen: 5.119 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

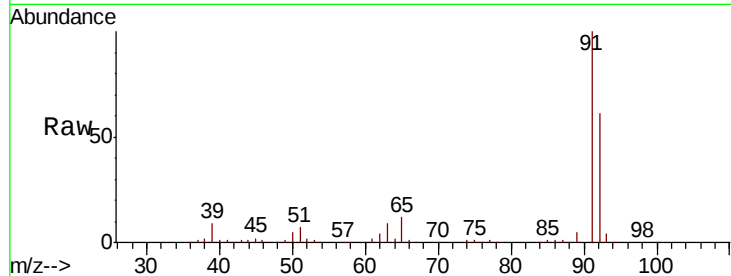
ClientSampleId :

Tot Ion: 91 Resp: 378904

Ion Ratio Lower Upper

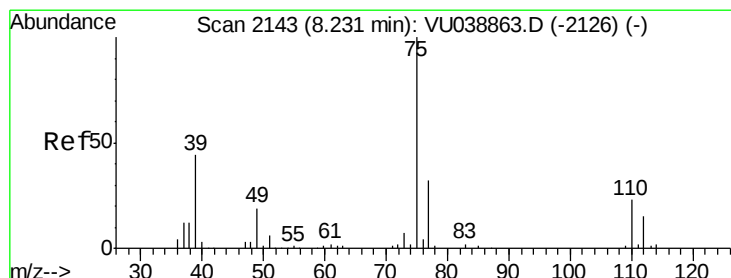
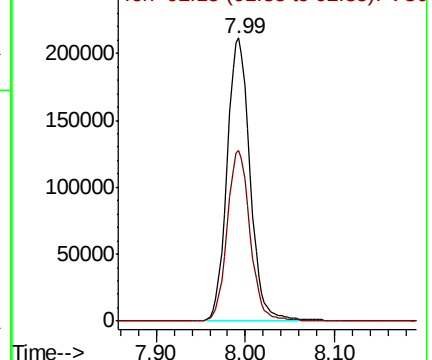
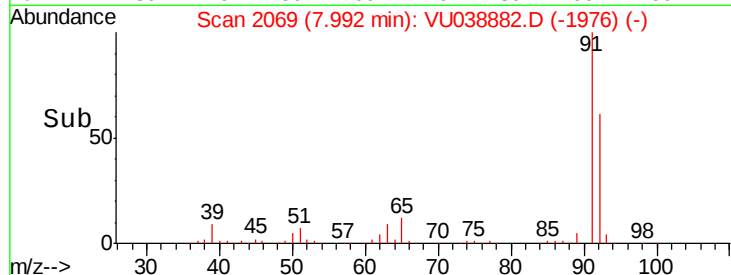
91 100

92 60.5 42.4 78.6



Abundance Ion 91.15 (90.85 to 91.85): VU038863.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038882.D (-1976) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.338 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU038882.D

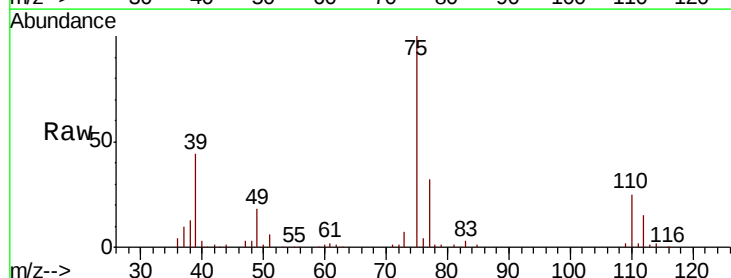
Acq: 13 Jun 2020 05:31

Tgt Ion: 75 Resp: 124472

Ion Ratio Lower Upper

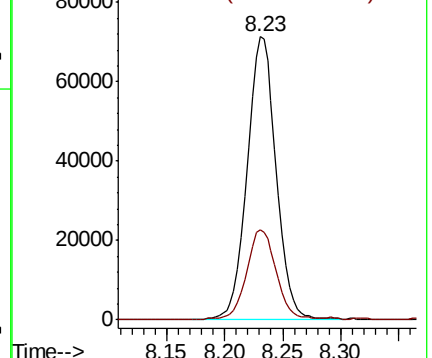
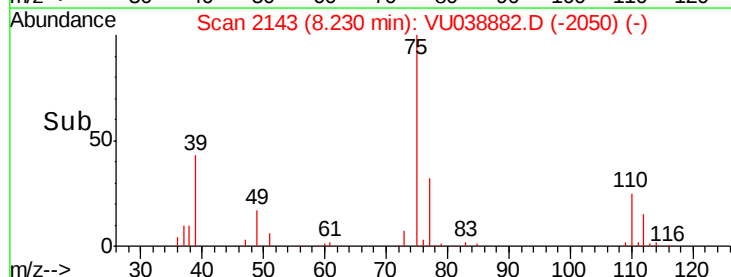
75 100

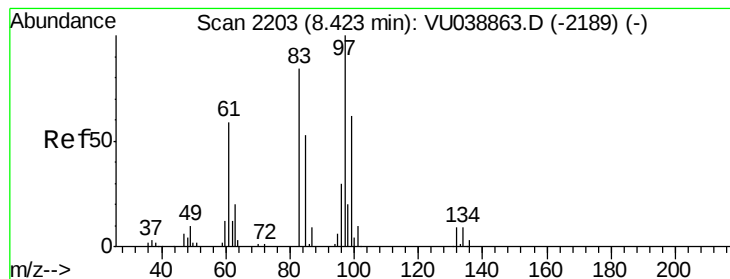
77 32.0 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VU038863.D (-2126) (-)

Ion 77.05 (76.75 to 77.75): VU038882.D (-2050) (-)





#45

1,1,2-Trichloroethane

Concen: 6.165 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 83039

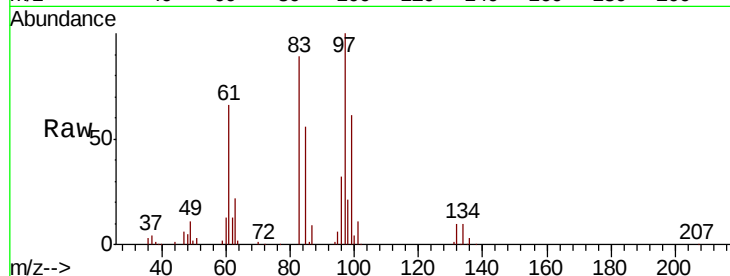
Ion Ratio Lower Upper

97 100

99 61.3 42.9 79.7

83 88.5 58.0 107.8

85 55.7 39.3 72.9

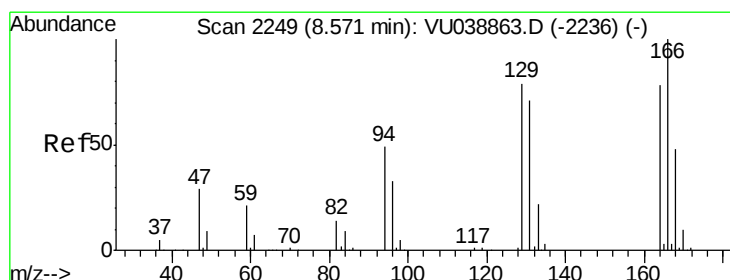
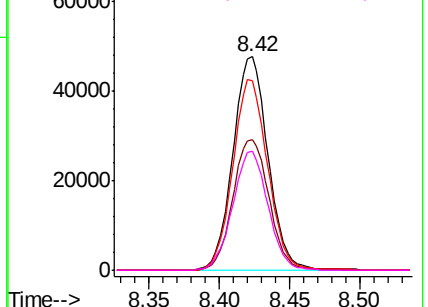
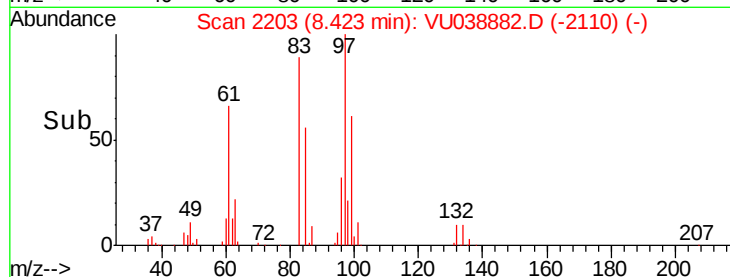


Abundance Ion 96.95 (96.65 to 97.65): VU038882.D (-2110) (-)

Ion 99.05 (98.75 to 99.75): VU038882.D (-2110) (-)

Ion 82.95 (82.65 to 83.65): VU038882.D (-2110) (-)

Ion 85.00 (84.70 to 85.70): VU038882.D (-2110) (-)



#47

Tetrachloroethene

Concen: 4.615 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Tgt Ion: 164 Resp: 65053

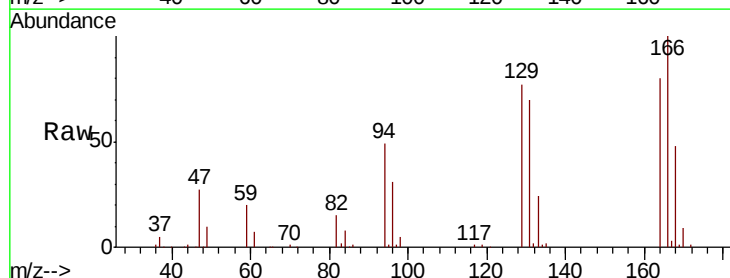
Ion Ratio Lower Upper

164 100

129 95.7 67.3 124.9

131 87.1 65.0 120.6

166 124.8 91.0 169.0

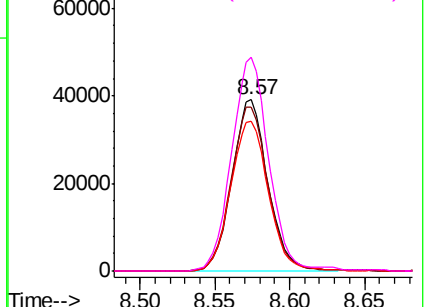
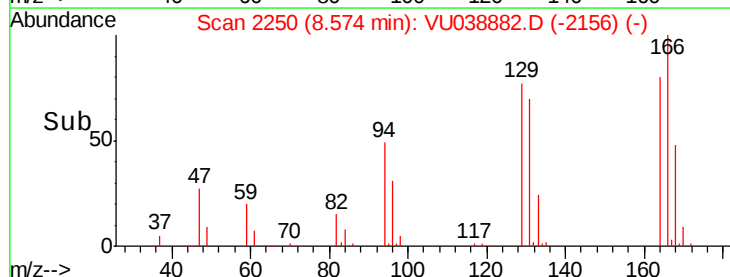


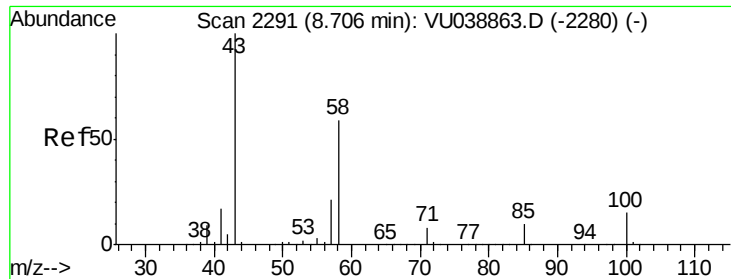
Abundance Ion 163.90 (163.60 to 164.60): VU038882.D (-2156) (-)

Ion 128.95 (128.65 to 129.65): VU038882.D (-2156) (-)

Ion 130.95 (130.65 to 131.65): VU038882.D (-2156) (-)

Ion 165.90 (165.60 to 166.60): VU038882.D (-2156) (-)

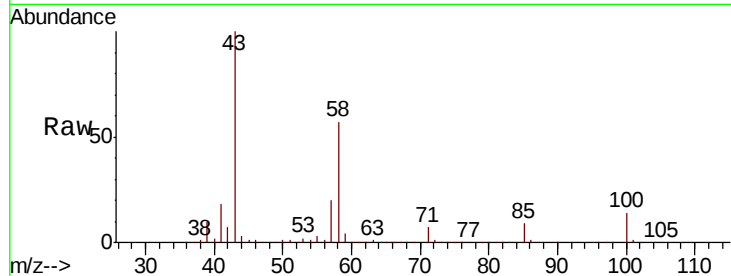




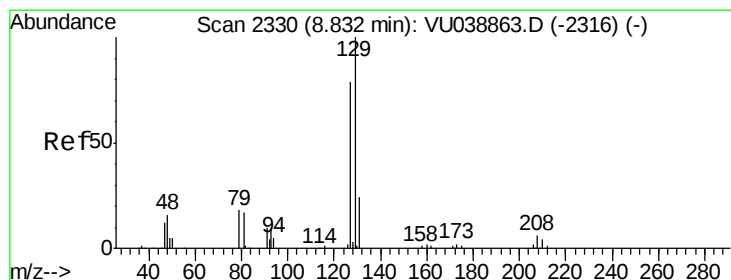
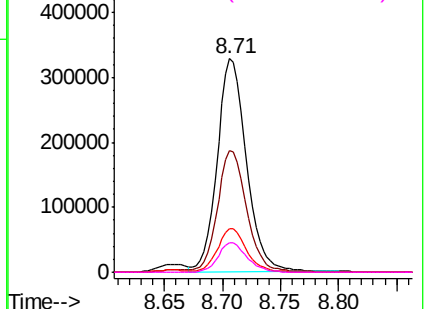
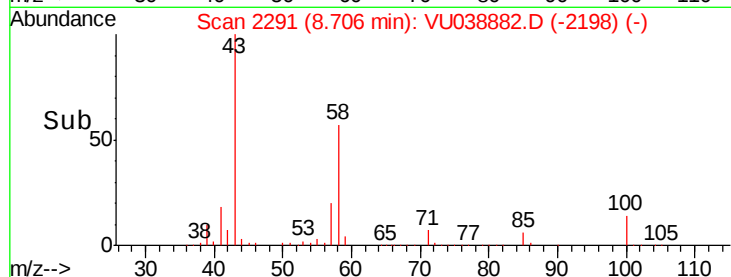
#48
2-Hexanone
Concen: 63.472 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 576324
Ion Ratio Lower Upper
43 100
58 57.7 44.8 67.2
57 20.5 16.2 24.2
100 13.7 10.6 16.0

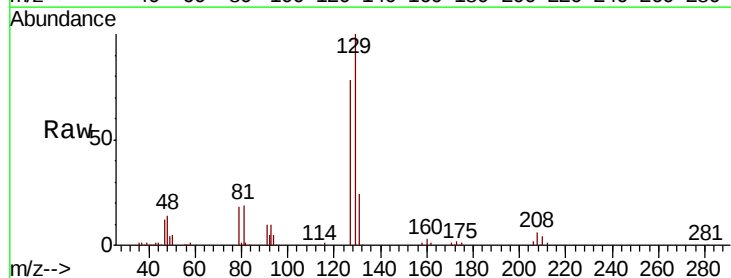


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

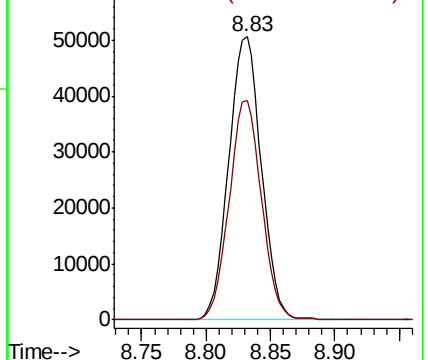
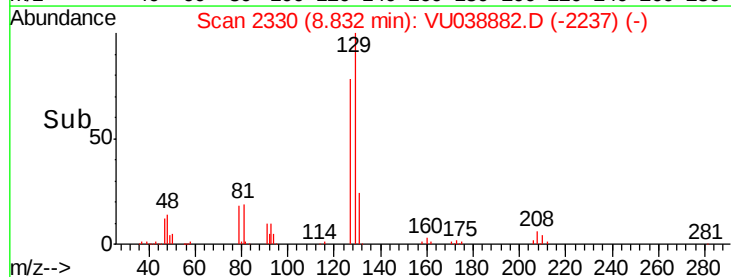


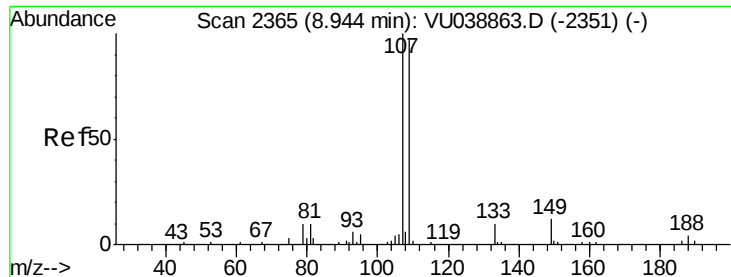
#49
Dibromochloromethane
Concen: 5.917 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion: 129 Resp: 88976
Ion Ratio Lower Upper
129 100
127 77.7 55.5 103.1



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

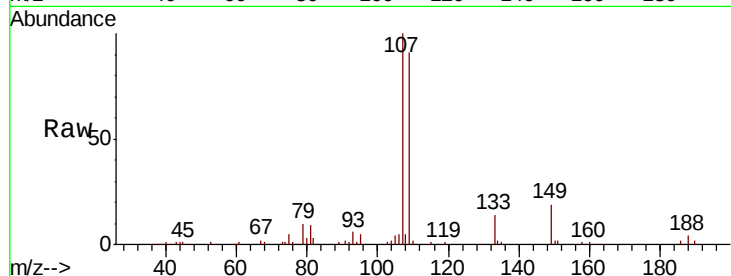




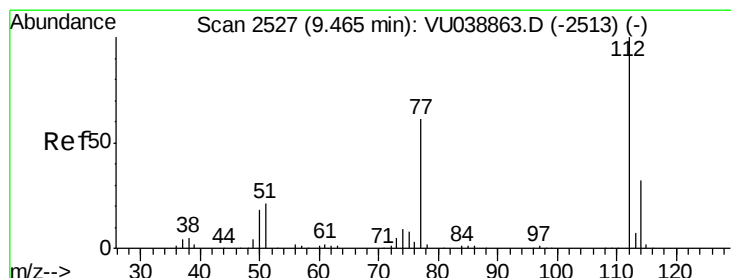
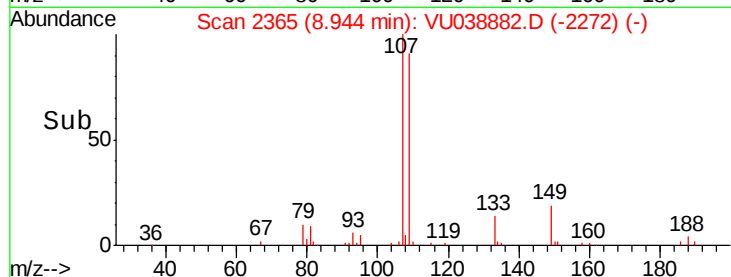
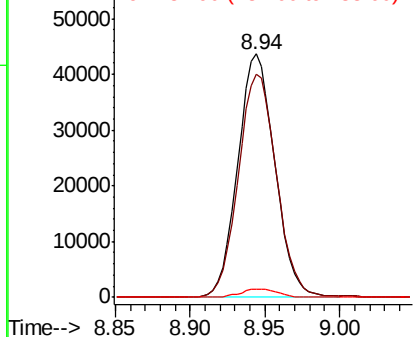
#50
1,2-Dibromoethane
Concen: 5.738 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:107 Resp: 75442
Ion Ratio Lower Upper
107 100
109 91.4 65.5 121.7
188 3.5 3.0 4.6

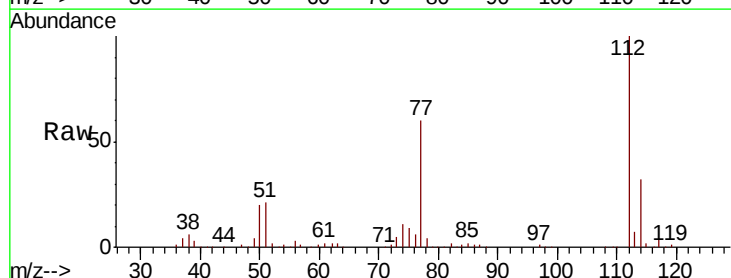


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

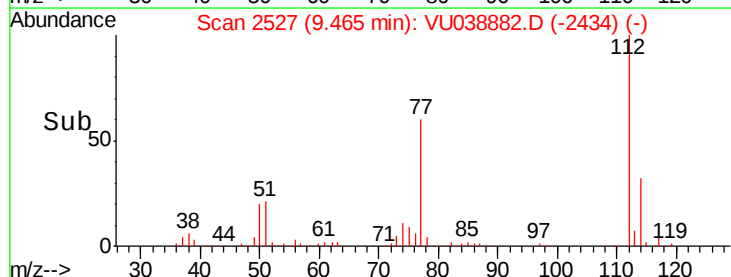
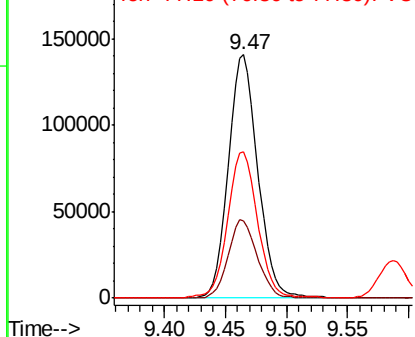


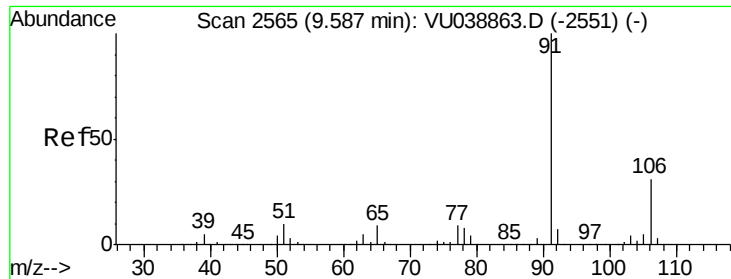
#51
Chlorobenzene
Concen: 4.982 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion:112 Resp: 237491
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.9
77 60.0 49.3 73.9



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: 4.724 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

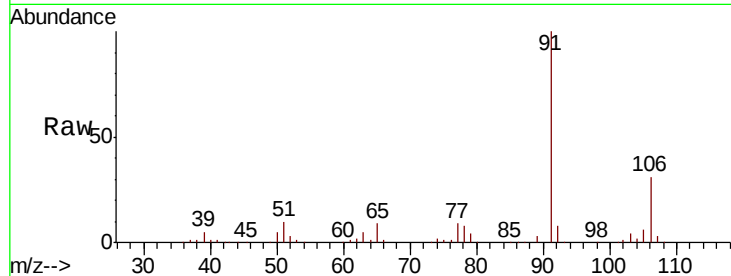
ClientSampleId :

Tot Ion: 91 Resp: 385175

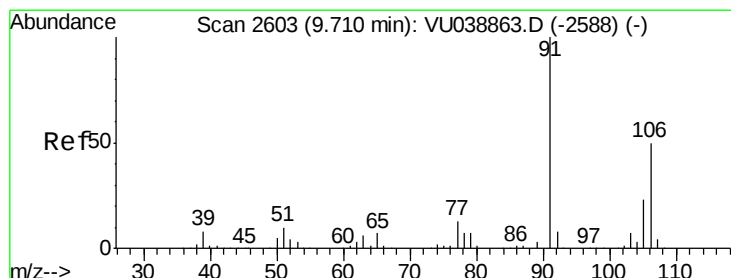
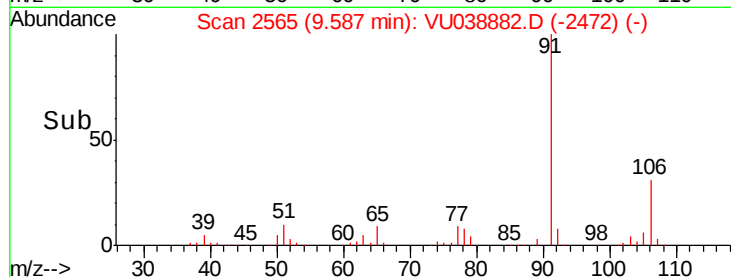
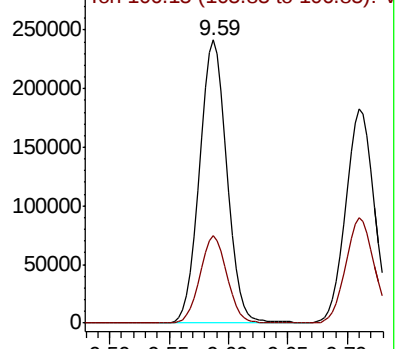
Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU038863.D (-2551) (-)



#53

m,p-Xylene

Concen: 4.884 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038882.D

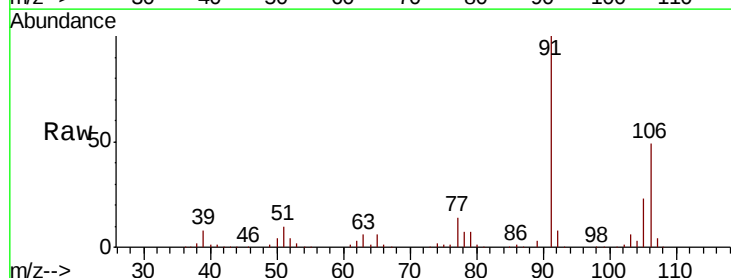
Acq: 13 Jun 2020 05:31

Tgt Ion: 106 Resp: 150487

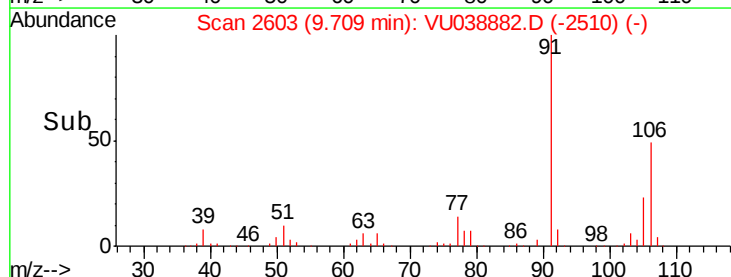
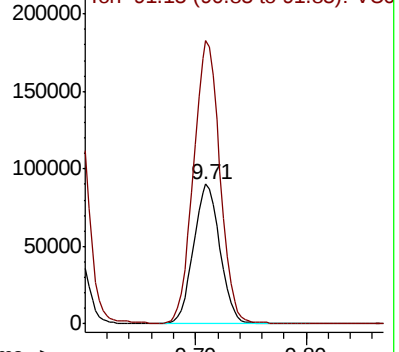
Ion Ratio Lower Upper

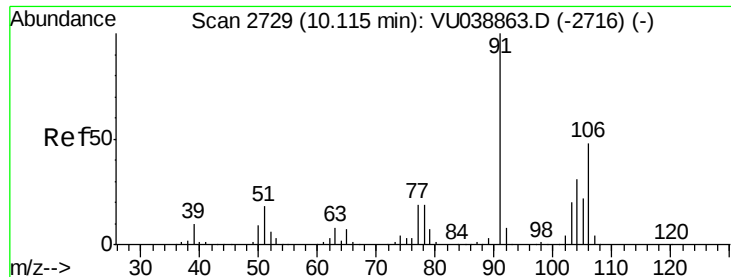
106 100

91 202.4 145.0 269.4



Abundance Ion 106.15 (105.85 to 106.85): VU038863.D (-2588) (-)

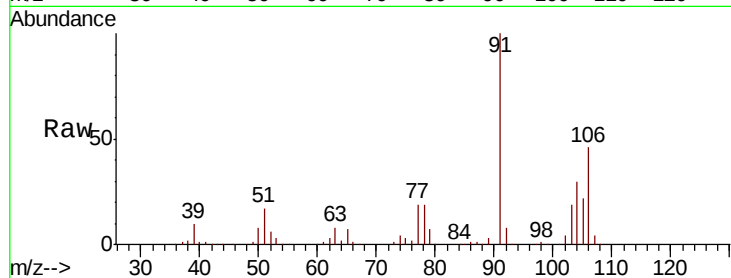




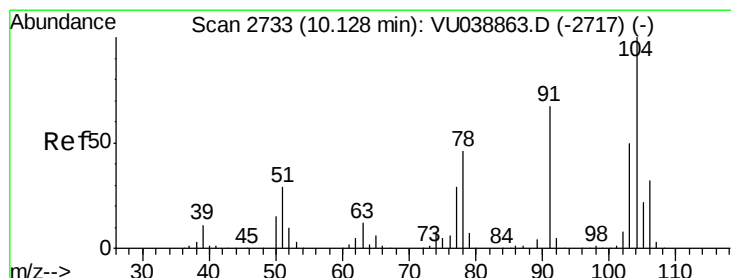
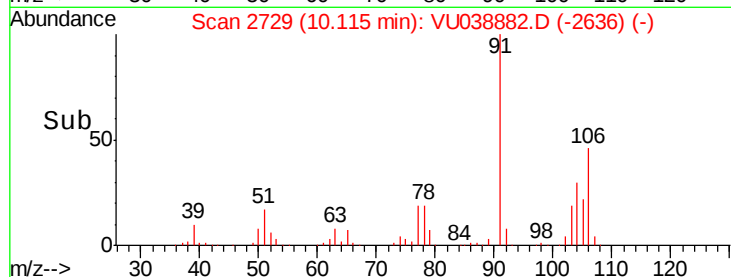
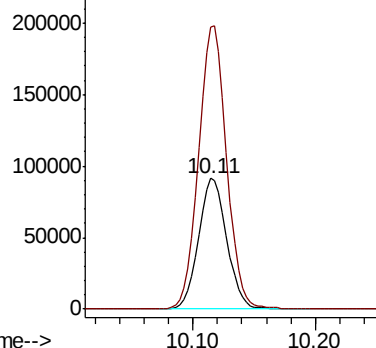
#54
o-Xylene
Concen: 4.993 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 147726
Ion Ratio Lower Upper
106 100
91 216.1 149.1 276.9

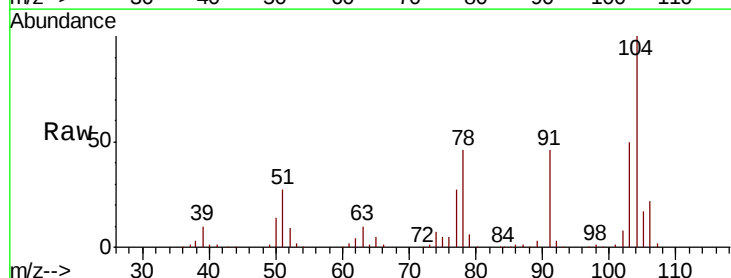


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

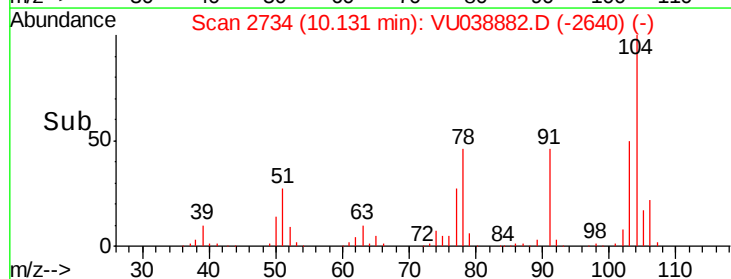
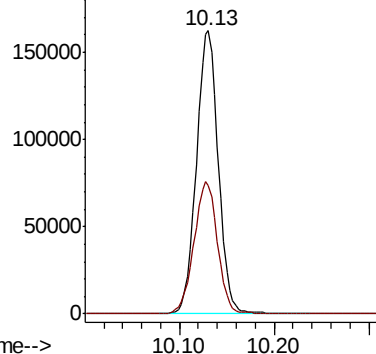


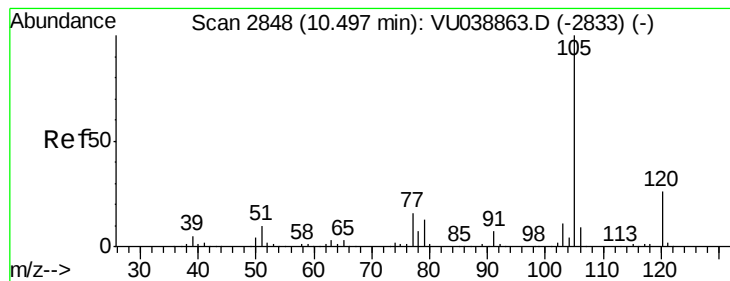
#55
Styrene
Concen: 5.123 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038882.D
Acq: 13 Jun 2020 05:31

Tgt Ion:104 Resp: 260802
Ion Ratio Lower Upper
104 100
78 45.5 32.1 59.7



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





#56

Isopropylbenzene

Concen: 4.682 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

ClientSampled :

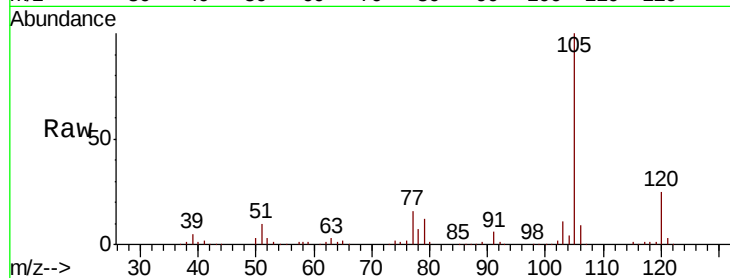
Tot Ion:105 Resp: 370233

Ion Ratio Lower Upper

105 100

120 25.9 20.6 30.8

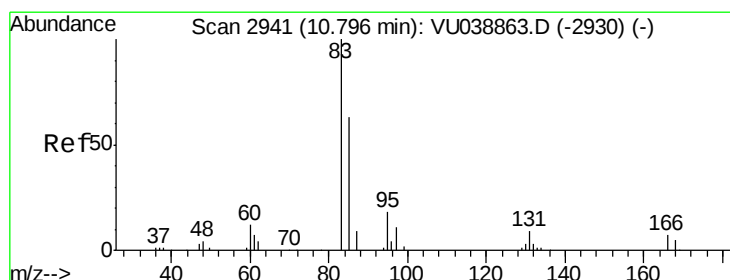
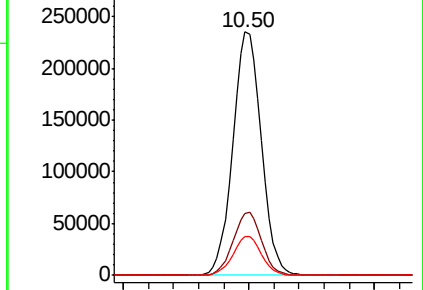
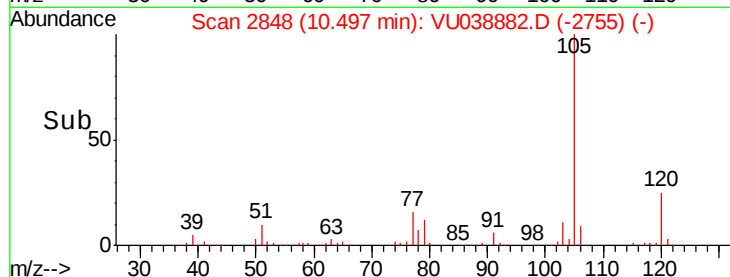
77 16.1 12.8 19.2



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.888 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

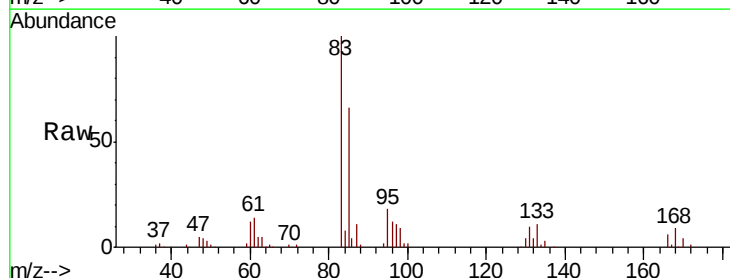
Tgt Ion: 83 Resp: 98614

Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.3

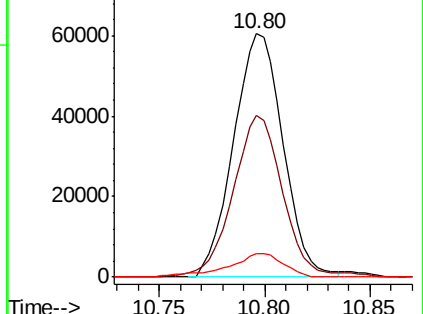
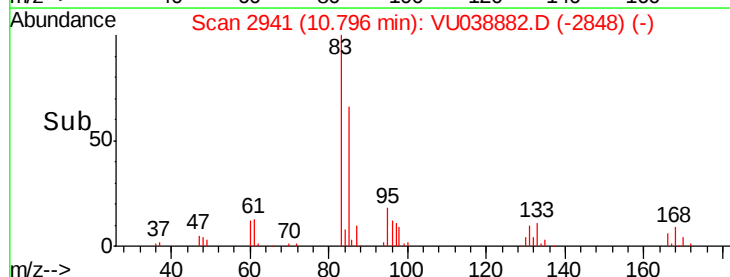
131 9.8 7.2 10.8

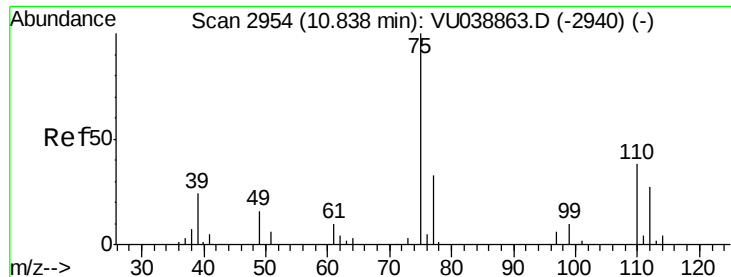


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.989 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

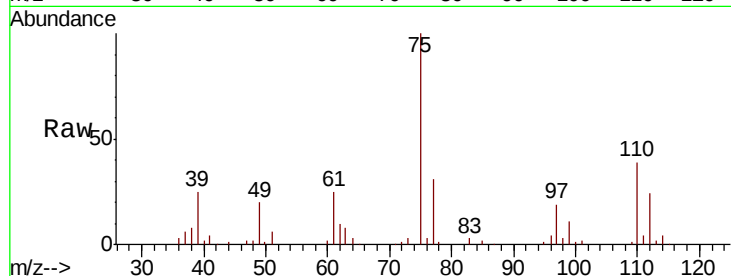
ClientSampleId :

Tot Ion: 75 Resp: 78471

Ion Ratio Lower Upper

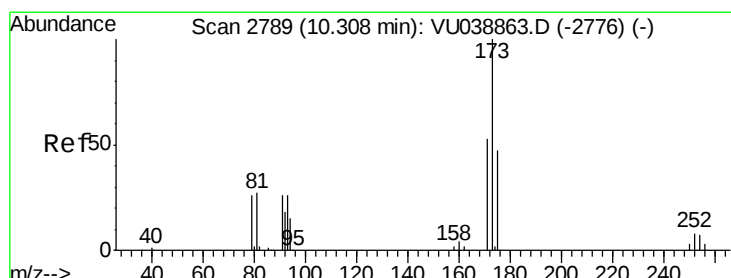
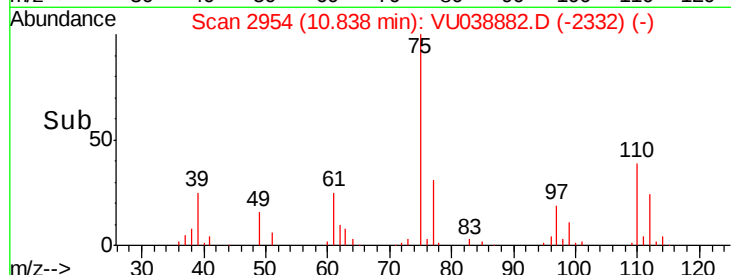
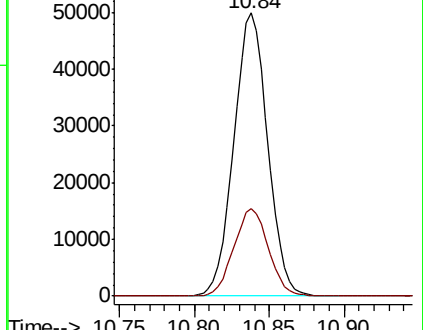
75 100

77 31.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038863.D (-2940) (-)

Ion 77.00 (76.70 to 77.70): VU038863.D (-2940) (-)



#61

Bromoform

Concen: 5.845 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

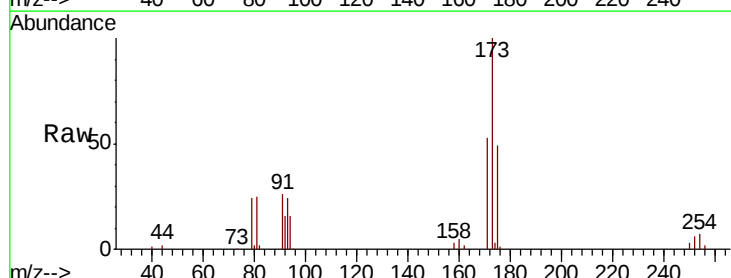
Tgt Ion: 173 Resp: 49759

Ion Ratio Lower Upper

173 100

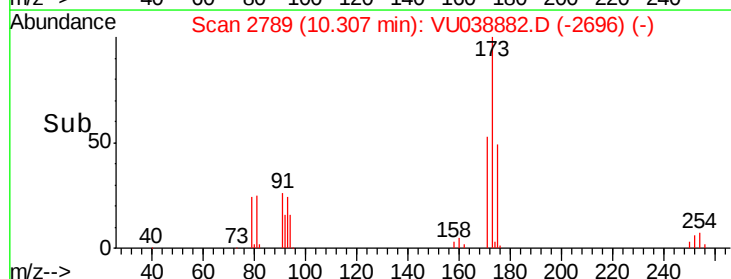
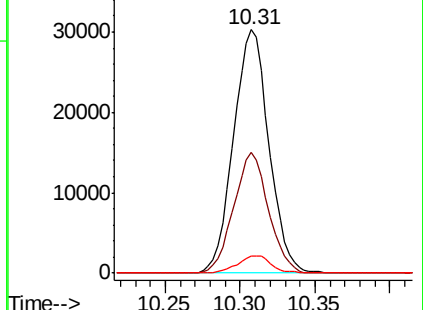
175 48.6 38.3 57.5

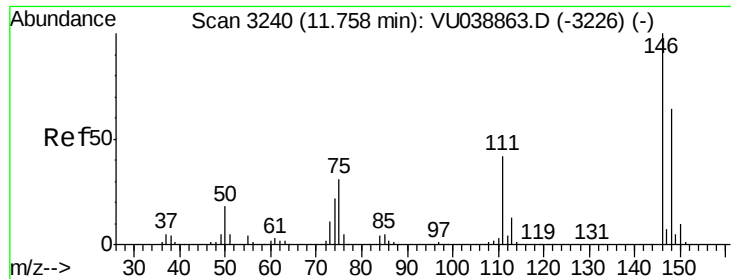
254 6.6 6.0 9.0



Abundance Ion 172.90 (172.60 to 173.60): VU038863.D (-2776) (-)

Ion 174.90 (174.60 to 175.60): VU038863.D (-2776) (-)

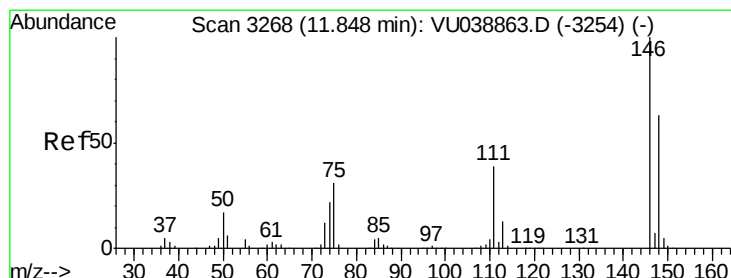
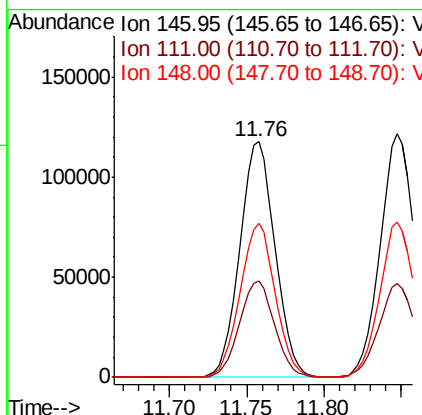
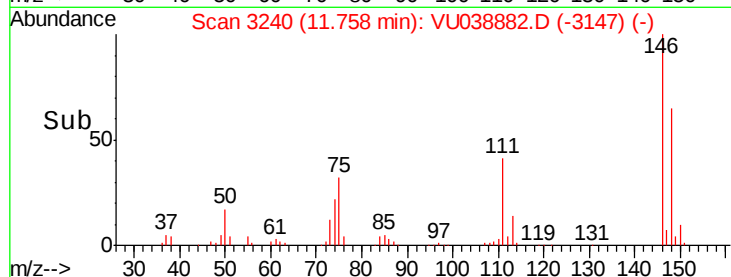
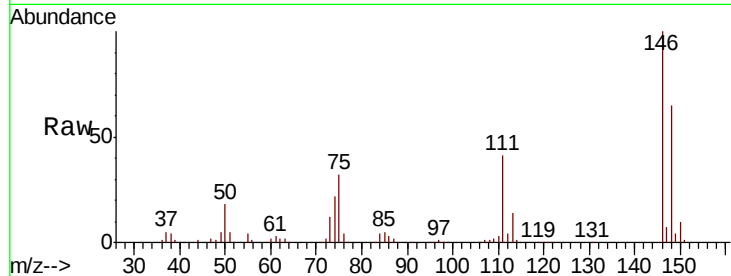




#62
 1,3-Dichlorobenzene
 Concen: 4.896 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

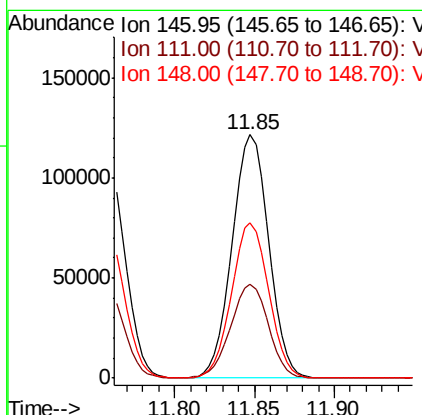
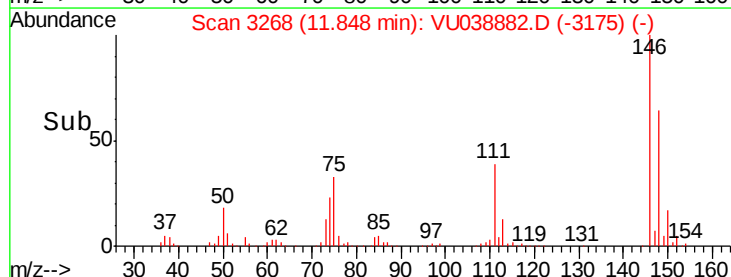
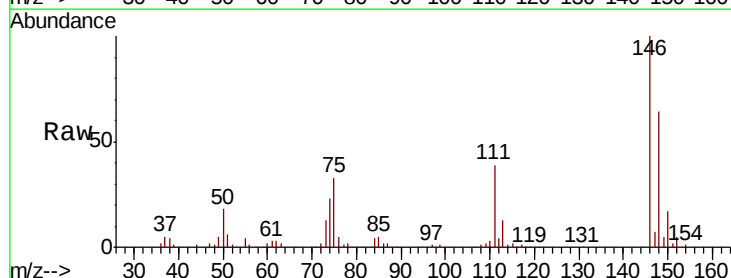
Instrument :
 MSVOA_U
 ClientSampleId :

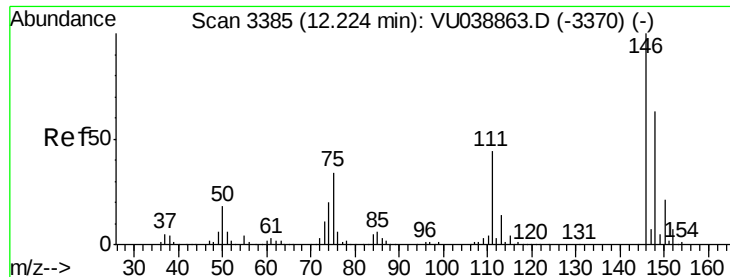
Tot Ion:146 Resp: 186814
 Ion Ratio Lower Upper
 146 100
 111 40.7 29.5 54.9
 148 65.5 43.8 81.3



#63
 1,4-Dichlorobenzene
 Concen: 4.864 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt Ion:146 Resp: 189320
 Ion Ratio Lower Upper
 146 100
 111 38.6 27.9 51.9
 148 64.0 44.6 82.8





#65

1,2-Dichlorobenzene

Concen: 5.087 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

ClientSampled :

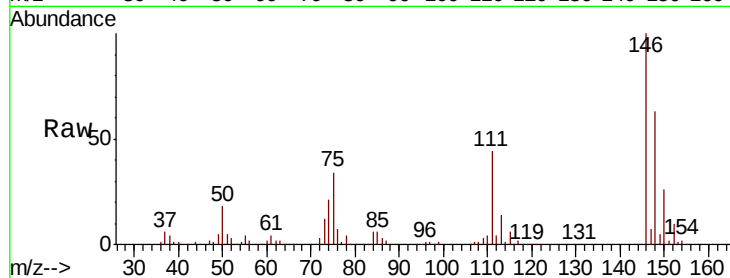
Tot Ion:146 Resp: 182613

Ion Ratio Lower Upper

146 100

111 44.2 35.6 53.4

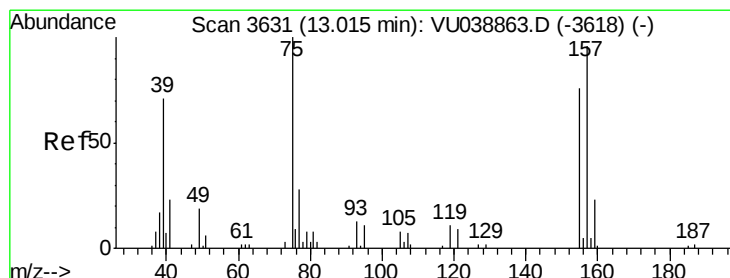
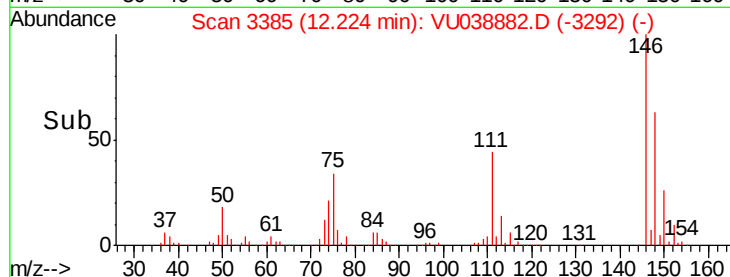
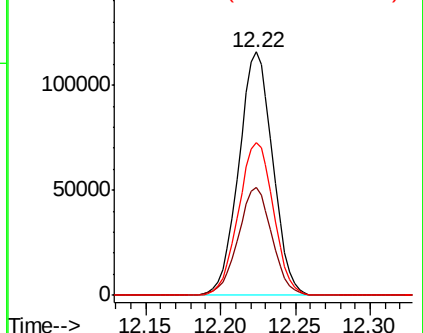
148 62.8 51.8 77.8



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: 6.541 ug/L

RT: 13.01 min Scan# 3631

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

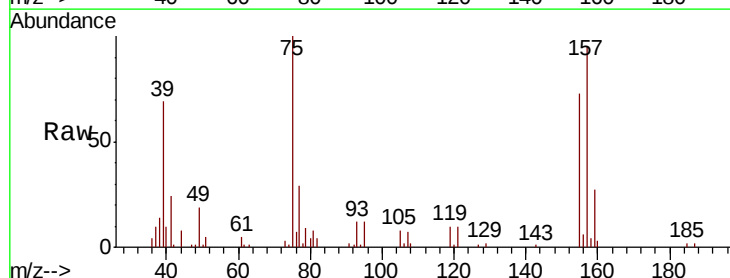
Tgt Ion: 75 Resp: 19043

Ion Ratio Lower Upper

75 100

155 73.3 63.7 95.5

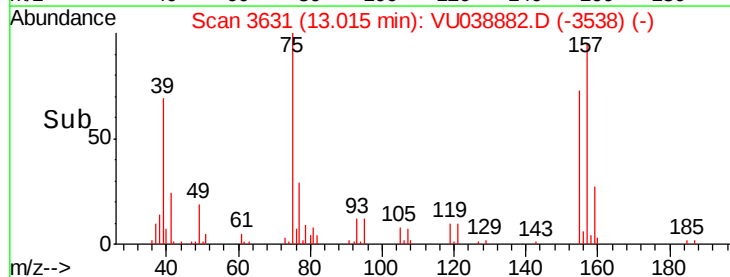
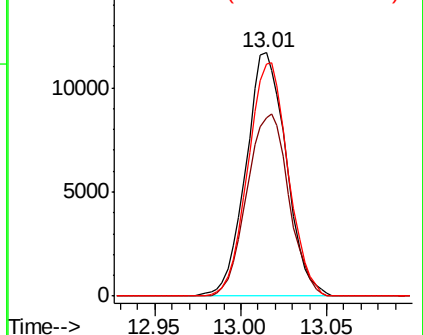
157 95.5 77.1 115.7

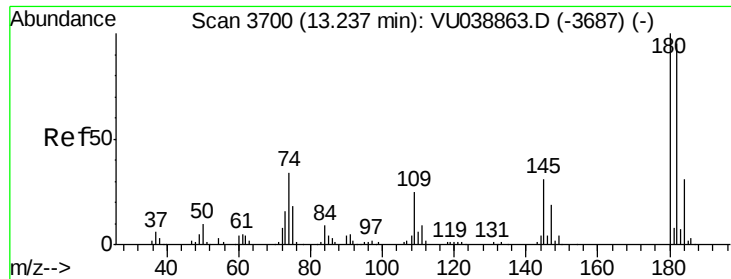


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

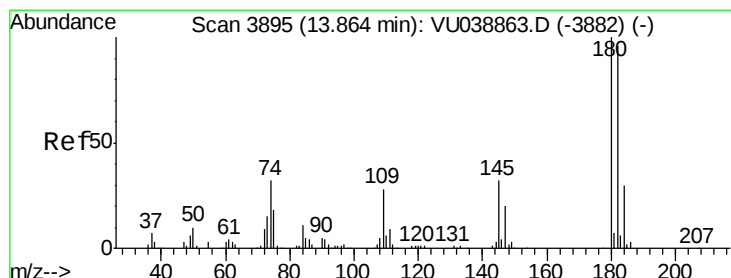
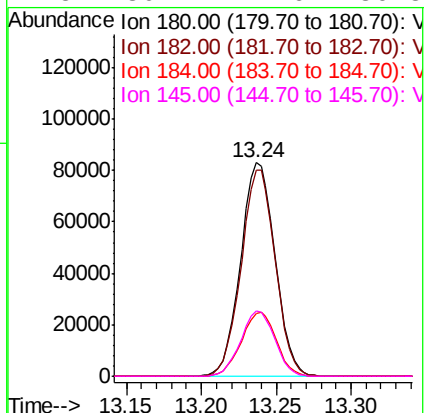
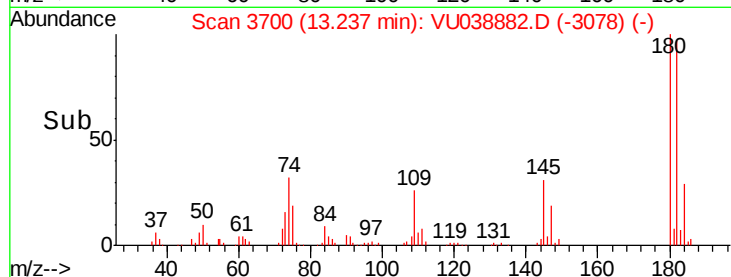
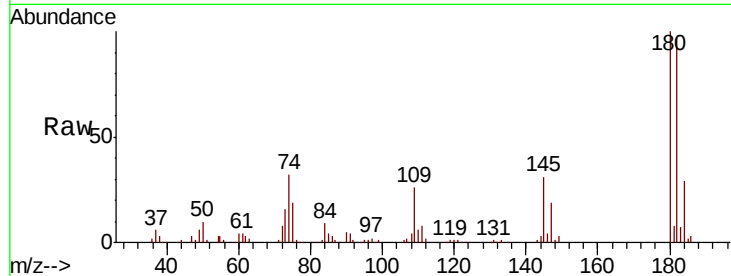




#67
 1,3,5-Trichlorobenzene
 Concen: 4.756 ug/L
 RT: 13.24 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

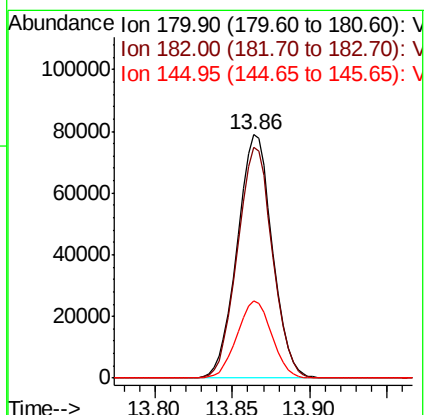
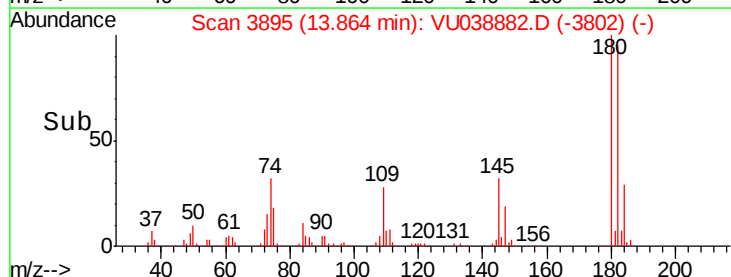
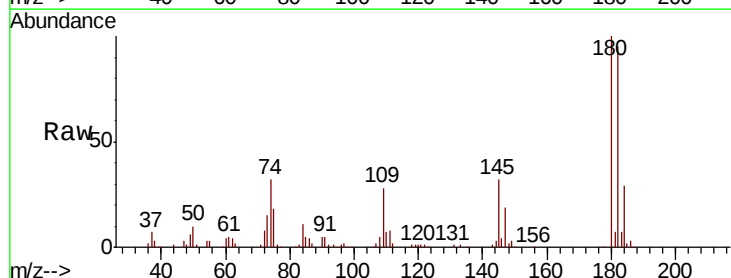
Instrument :
 MSVOA_U
 ClientSampleId :

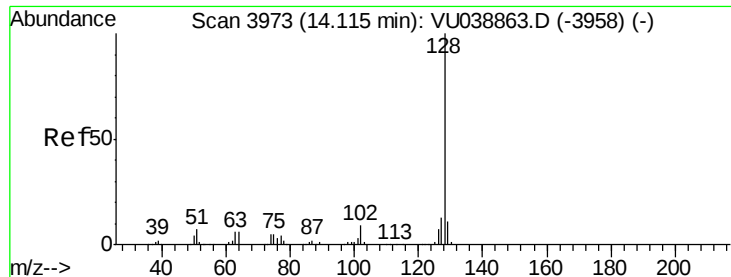
Tot Ion:180	Resp:	132941
Ion Ratio	Lower	Upper
180 100		
182 95.7	75.0	112.4
184 30.3	23.7	35.5
145 30.4	24.6	36.8



#68
 1,2,4-trichlorobenzene
 Concen: 5.040 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU038882.D
 Acq: 13 Jun 2020 05:31

Tgt	Ion:180	Resp:	124672
Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.5	117.7
145	31.5	25.0	37.4





#69

Naphthalene

Concen: 5.627 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

Instrument :

MSVOA_U

ClientSampleId :

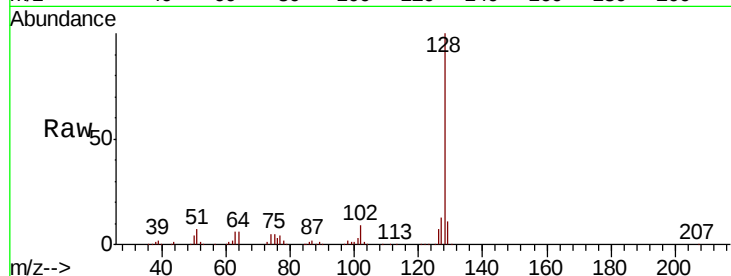
Tot Ion:128 Resp: 264211

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

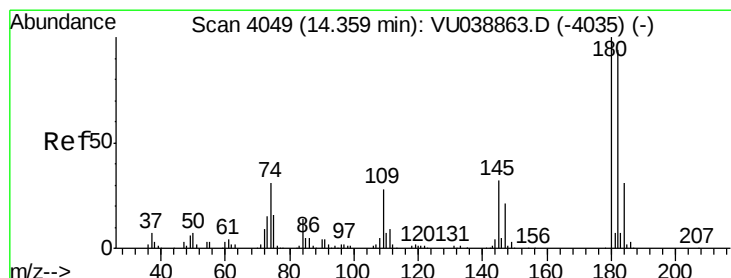
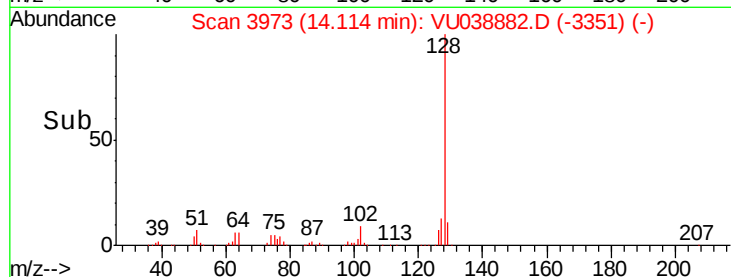
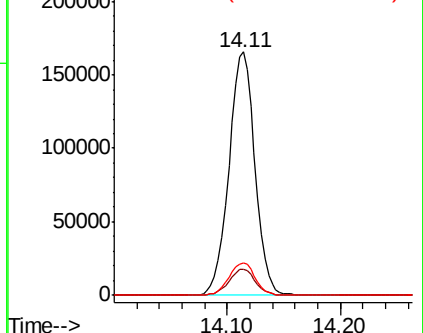
127 13.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.434 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038882.D

Acq: 13 Jun 2020 05:31

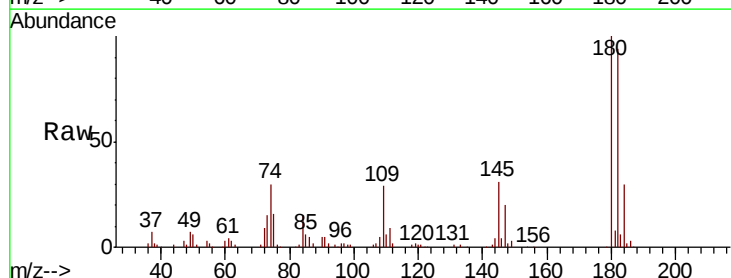
Tgt Ion:180 Resp: 122875

Ion Ratio Lower Upper

180 100

182 92.9 76.1 114.1

145 32.0 27.8 41.6



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

