

Data File : VU038939.D
Acq On : 17 Jun 2020 12:14
Operator : SY/MD
Sample : VSTD010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Quant Time: Jun 17 12:44:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 12:20:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	303083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	157927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196077	12.99	ug/L	0.00
7) Chloroethane-d5	1.93	69	167231	11.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	396213	10.82	ug/L	0.00
20) 2-Butanone-d5	4.68	46	646749	118.33	ug/L	0.00
24) Chloroform-d	5.10	84	389038	10.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	217844	10.36	ug/L	0.00
32) Benzene-d6	5.76	84	746890	11.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	226845	11.10	ug/L	0.00
41) Toluene-d8	7.92	98	686041	11.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	106697	11.81	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	606046	136.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	213316	11.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	272148	10.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	261299	8.858 ug/L	100
3) Chloromethane	1.53	50	269356	10.946 ug/L	99
5) Vinyl chloride	1.62	62	259573	9.999 ug/L	98
6) Bromomethane	1.87	94	155637	9.762 ug/L	97
8) Chloroethane	1.95	64	154648	8.013 ug/L	99
9) Trichlorofluoromethane	2.16	101	397364	8.812 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	202341	9.047 ug/L	98
12) 1,1-Dichloroethene	2.61	96	203427	9.498 ug/L	97
13) Acetone	2.69	43	420641	94.044 ug/L	98
14) Carbon disulfide	2.82	76	674672	9.488 ug/L	99
15) Methyl Acetate	2.99	43	101001	9.257 ug/L	97
16) Methylene chloride	3.08	84	218046	8.854 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	547652	10.021 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	211409	9.318 ug/L	99
19) 1,1-Dichloroethane	3.91	63	383951	9.230 ug/L	98
21) 2-Butanone	4.76	43	697276	95.898 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	223294	9.410 ug/L	98
23) Bromochloromethane	5.01	128	100304	8.928 ug/L	97
25) Chloroform	5.12	83	388574	8.963 ug/L	99
27) 1,2-Dichloroethane	5.83	62	281003	9.131 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	350754	9.618 ug/L	98
30) Cyclohexane	5.42	56	341800	10.405 ug/L	99
31) Carbon tetrachloride	5.56	117	304496	9.811 ug/L	100
33) Benzene	5.81	78	856161	9.792 ug/L	100
34) Trichloroethene	6.57	95	220357	9.651 ug/L	99
35) Methylcyclohexane	6.79	83	357237	10.502 ug/L	99
37) 1,2-Dichloropropane	6.82	63	221078	9.798 ug/L	98
38) Bromodichloromethane	7.13	83	287000	9.673 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	346896	10.750 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1618358	105.150 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	917795	9.959	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	317291	10.750	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	166643	9.662	ug/L	99
47) Tetrachloroethene	8.57	164	166205	9.498	ug/L	98
48) 2-Hexanone	8.71	43	1227506	100.605	ug/L	99
49) Dibromochloromethane	8.83	129	203036	10.146	ug/L	97
50) 1,2-Dibromoethane	8.94	107	167060	9.993	ug/L	99
51) Chlorobenzene	9.47	112	574353	9.577	ug/L	99
52) Ethylbenzene	9.59	91	1011528	9.864	ug/L	100
53) m,p-Xylene	9.71	106	401951	10.431	ug/L	96
54) o-Xylene	10.11	106	384408	10.369	ug/L	100
55) Styrene	10.13	104	675737	10.493	ug/L	99
56) Isopropylbenzene	10.50	105	1012168	10.513	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	225686	10.206	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	169844	9.768	ug/L	99
61) Bromoform	10.31	173	121509	10.094	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	483460	9.710	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	487877	9.673	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	462777	9.353	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	44081	10.062	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	370600	9.879	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	346563	11.029	ug/L	100
69) Naphthalene	14.11	128	707501	11.975	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	328199	11.163	ug/L	100

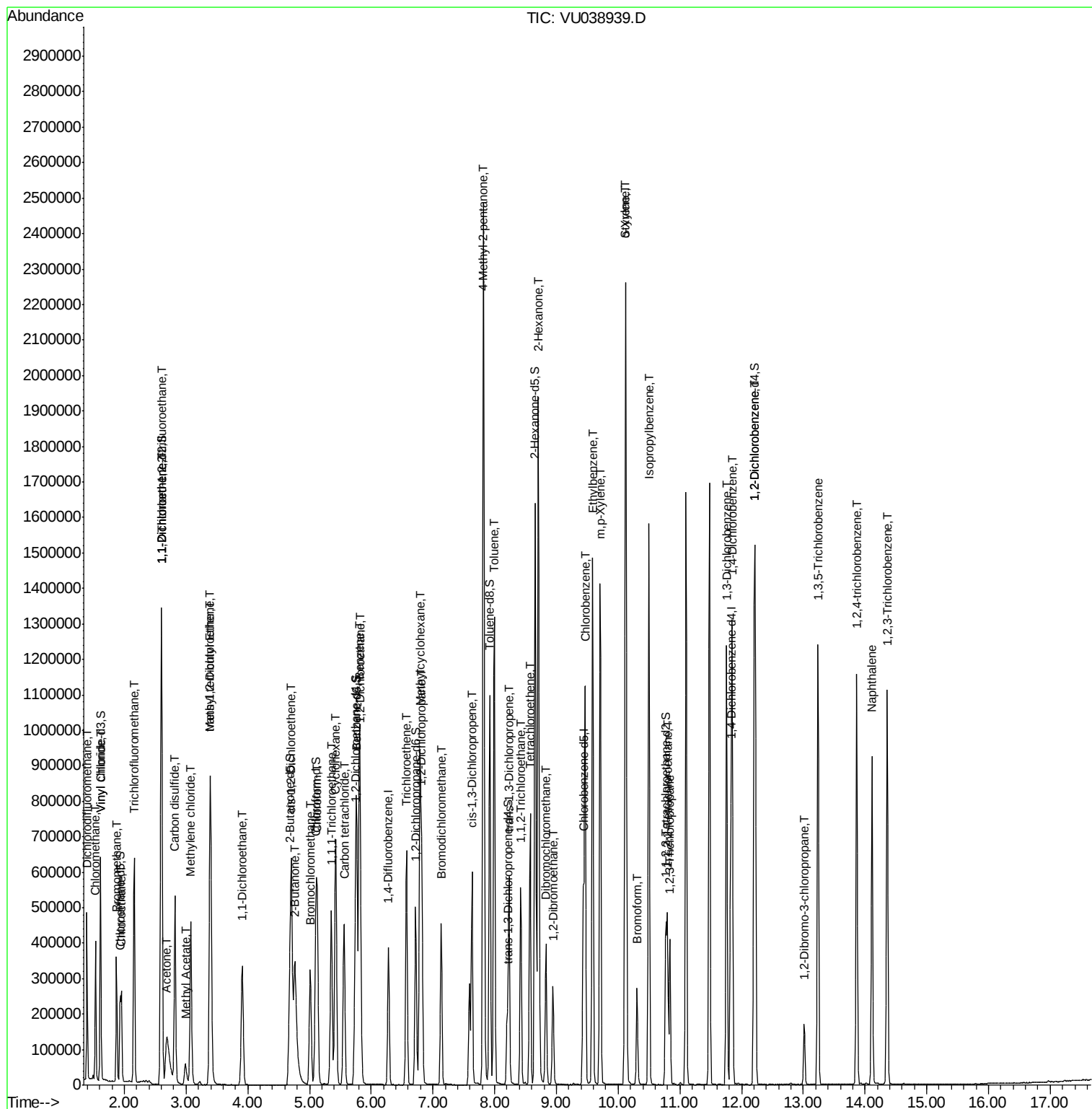
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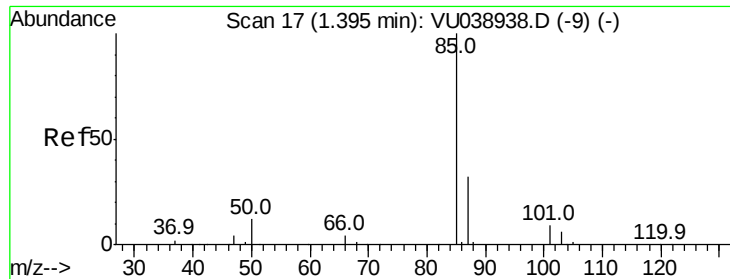
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#2

Dichlorodifluoromethane

Concen: 8.858 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

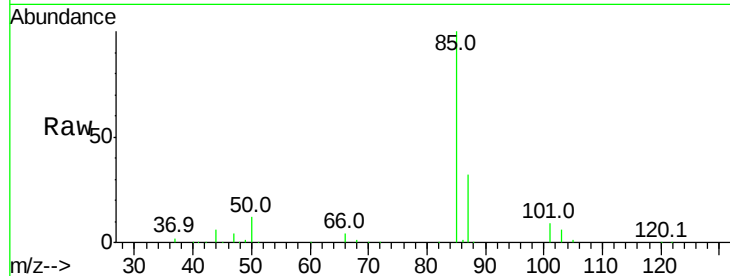
VSTD01001

Tgt Ion: 85 Resp: 261299

Ion Ratio Lower Upper

85 100

87 31.9 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VU038939.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU038939.D (-1) (-)

1.39

250000

200000

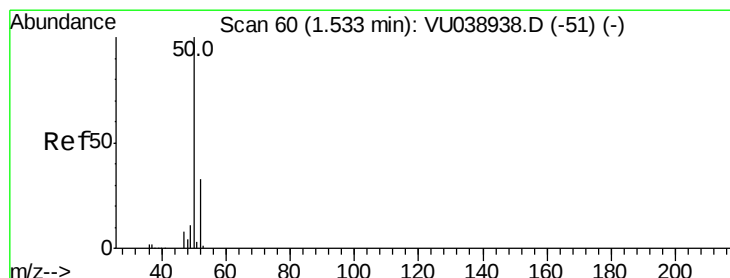
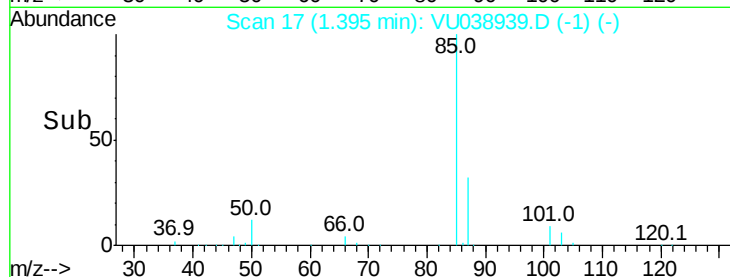
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 10.946 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038939.D

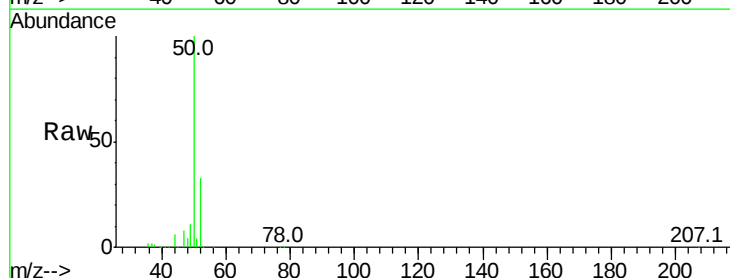
Acq: 17 Jun 2020 12:14

Tgt Ion: 50 Resp: 269356

Ion Ratio Lower Upper

50 100

52 32.9 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU038939.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU038939.D (-1) (-)

1.53

250000

200000

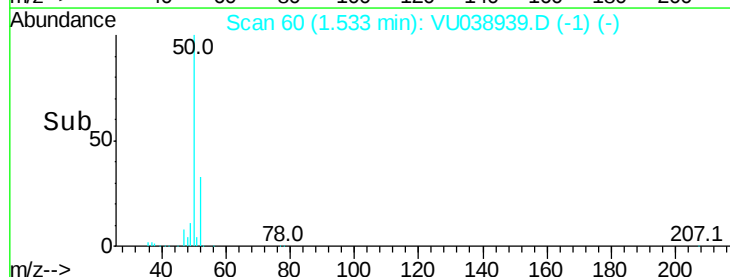
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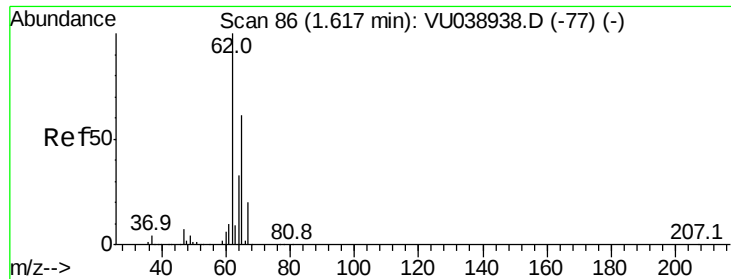
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 9.999 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

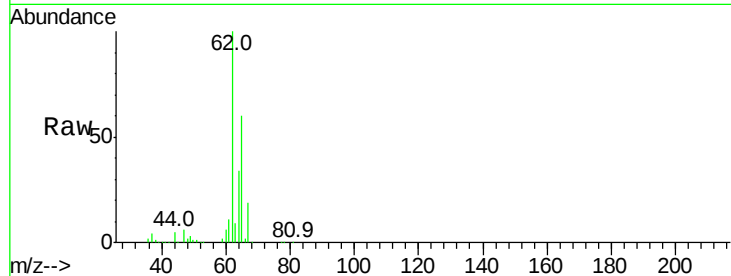
VSTD01001

Tgt Ion: 62 Resp: 259573

Ion Ratio Lower Upper

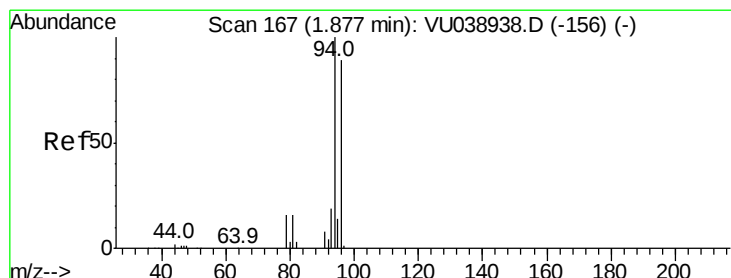
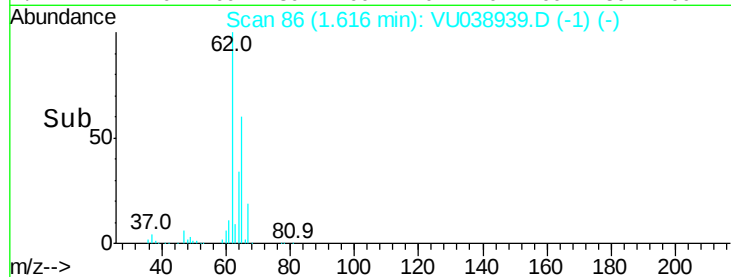
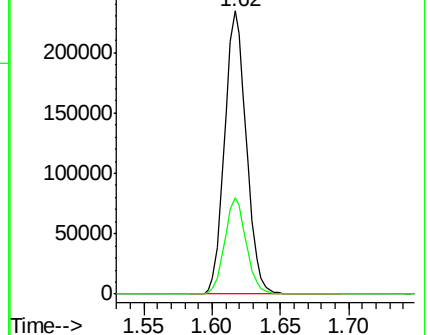
62 100

64 34.1 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU038939.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU038939.D (-77) (-)



#6

Bromomethane

Concen: 9.762 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU038939.D

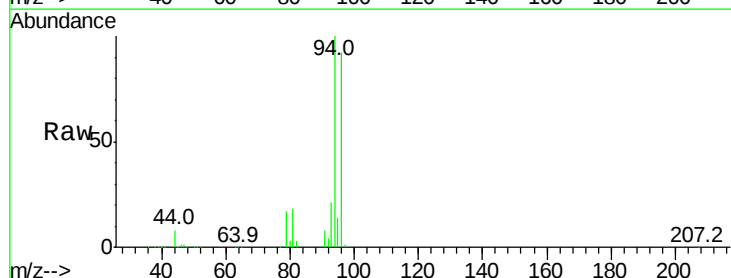
Acq: 17 Jun 2020 12:14

Tgt Ion: 94 Resp: 155637

Ion Ratio Lower Upper

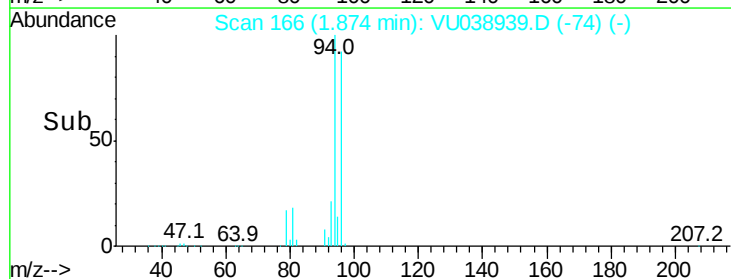
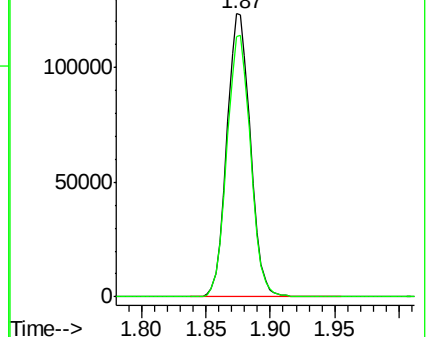
94 100

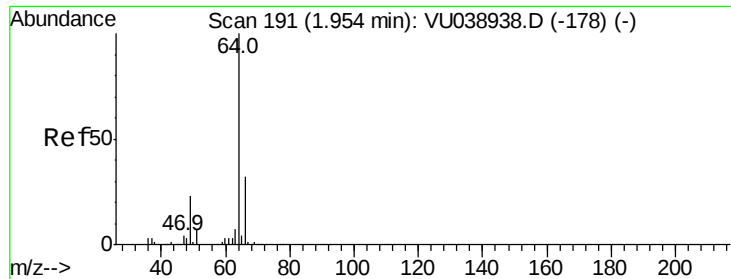
96 91.8 62.3 115.7



Abundance Ion 94.00 (93.70 to 94.70): VU038939.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU038939.D (-156) (-)





#8

Chloroethane

Concen: 8.013 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

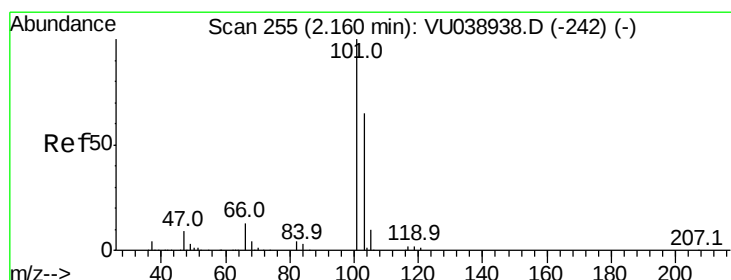
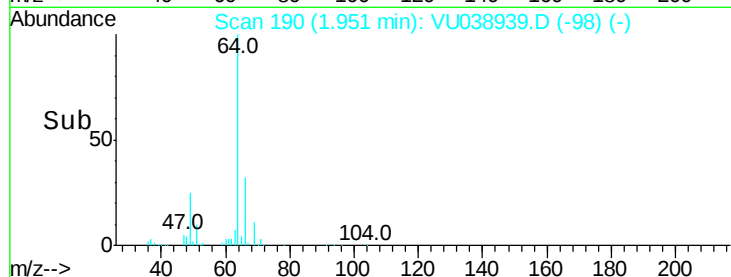
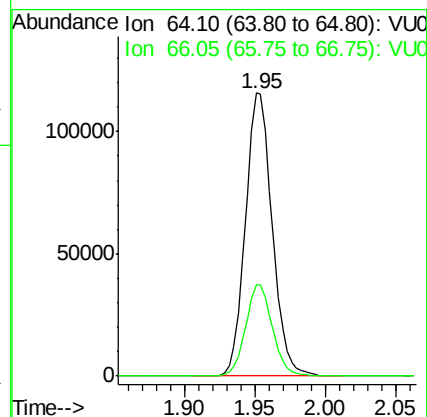
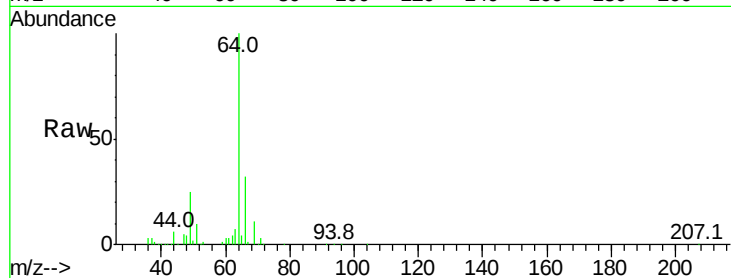
VSTD01001

Tgt Ion: 64 Resp: 154648

Ion Ratio Lower Upper

64 100

66 32.2 22.1 41.1



#9

Trichlorofluoromethane

Concen: 8.812 ug/L

RT: 2.16 min Scan# 255

Delta R.T. -0.00 min

Lab File: VU038939.D

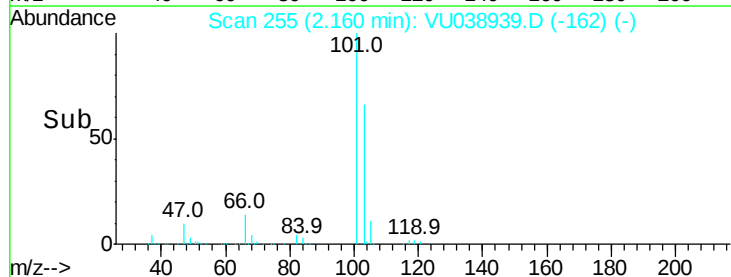
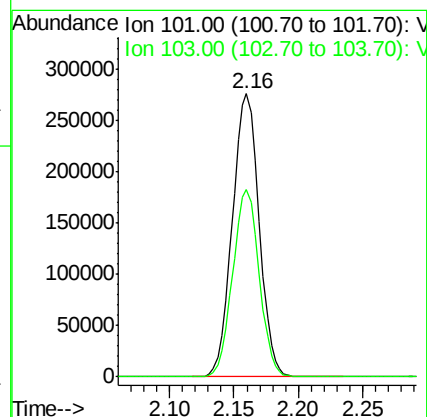
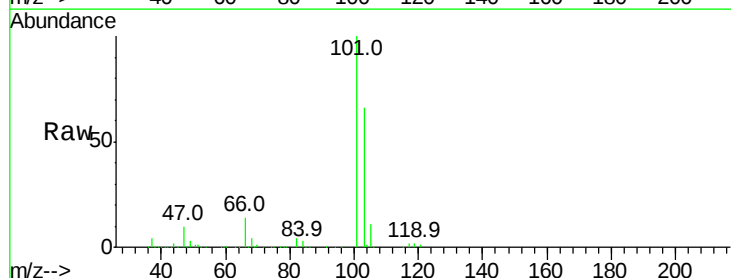
Acq: 17 Jun 2020 12:14

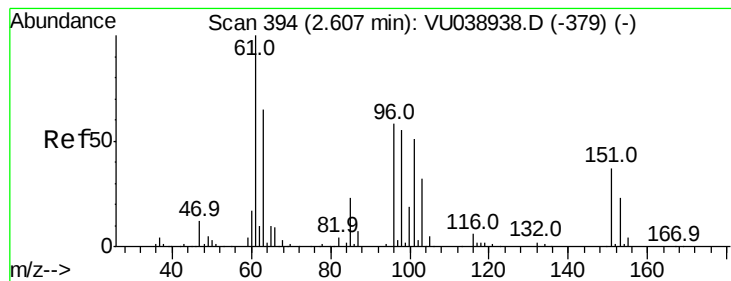
Tgt Ion: 101 Resp: 397364

Ion Ratio Lower Upper

101 100

103 65.5 51.4 77.2





#10

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

Concen: 9.047 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

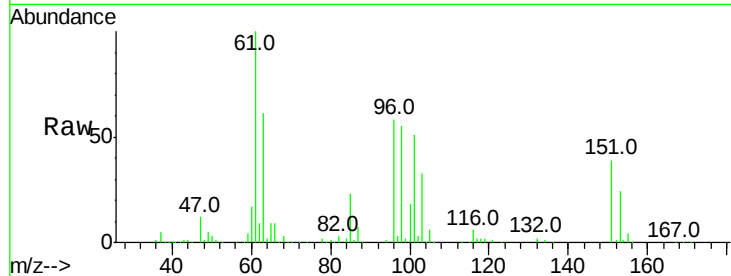
Tgt Ion: 101 Resp: 202341

Ion Ratio Lower Upper

101 100

85 43.9 35.7 53.5

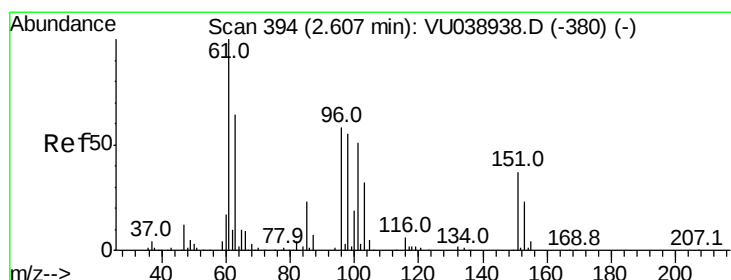
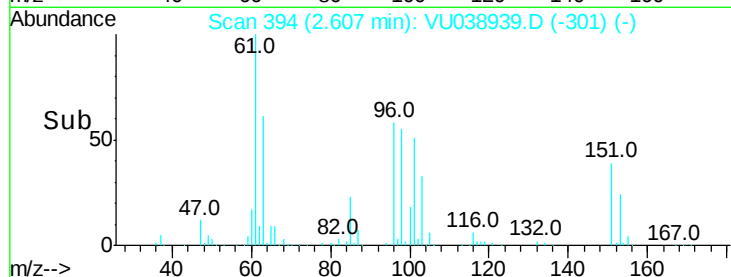
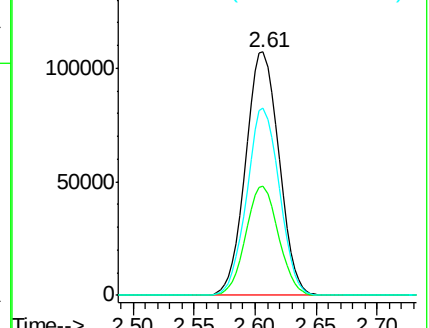
151 75.3 58.5 87.7



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: 9.498 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

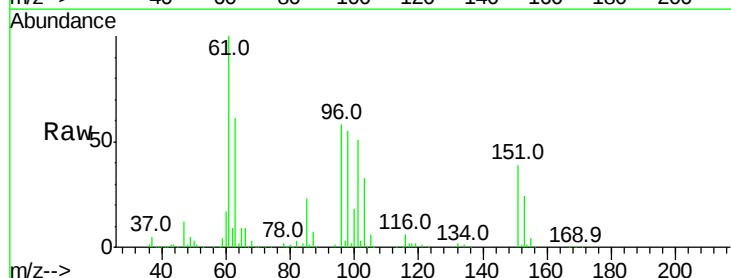
Tgt Ion: 96 Resp: 203427

Ion Ratio Lower Upper

96 100

61 171.7 120.3 223.5

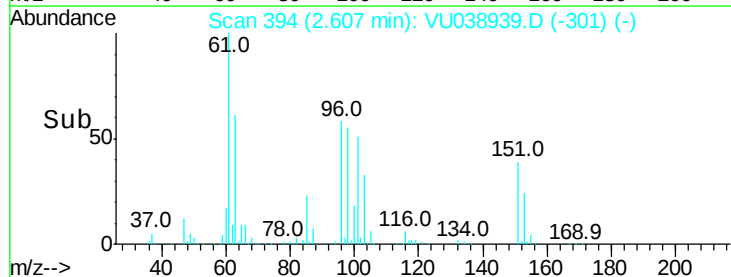
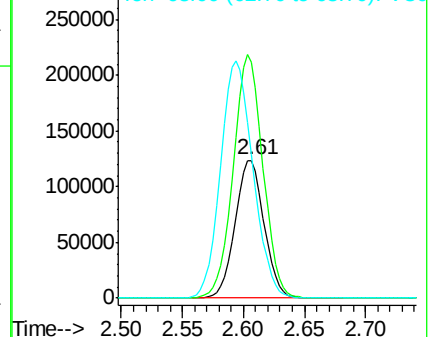
63 104.4 78.7 146.1

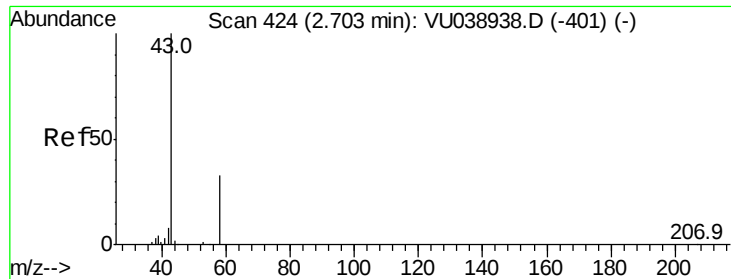


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 94.044 ug/L

RT: 2.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

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ClientSampleId :

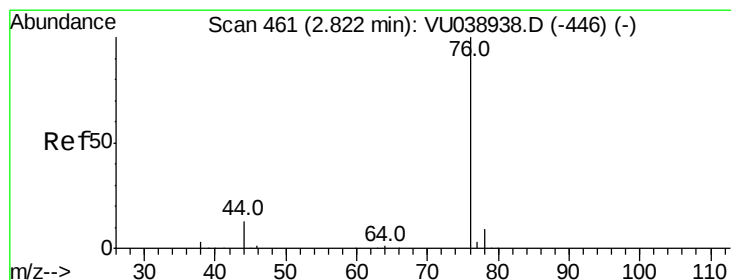
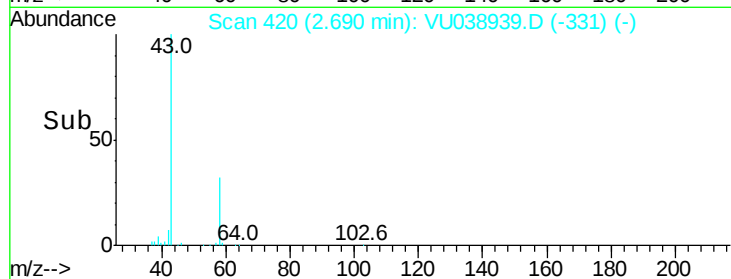
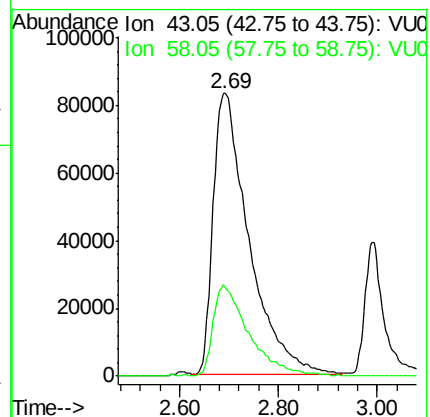
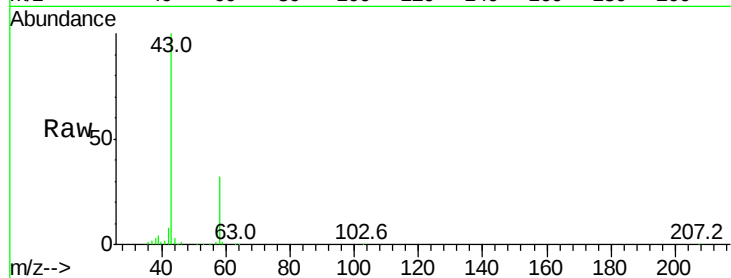
VSTD01001

Tgt Ion: 43 Resp: 420641

Ion Ratio Lower Upper

43 100

58 31.4 0.0 65.0



#14

Carbon disulfide

Concen: 9.488 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038939.D

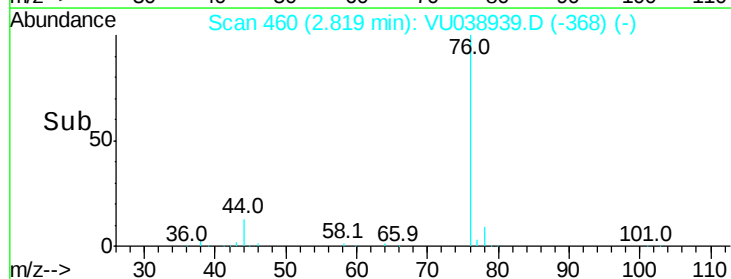
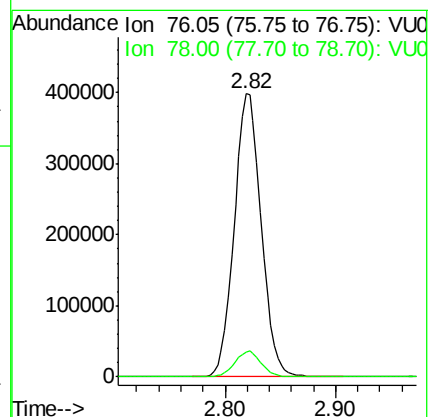
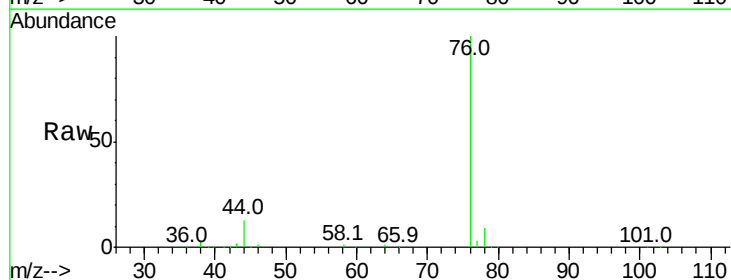
Acq: 17 Jun 2020 12:14

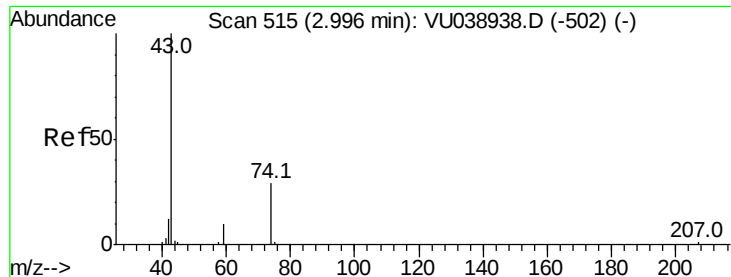
Tgt Ion: 76 Resp: 674672

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

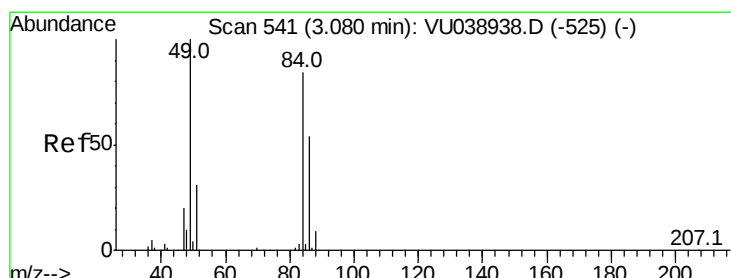
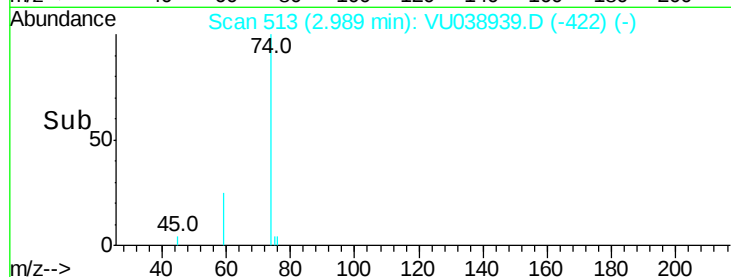
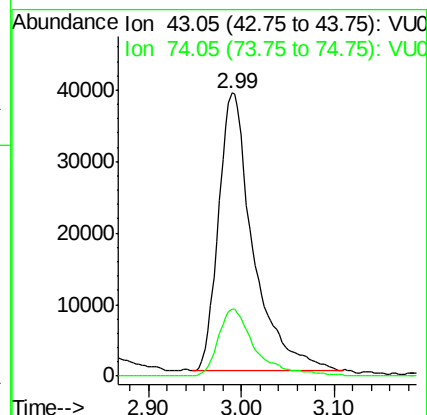
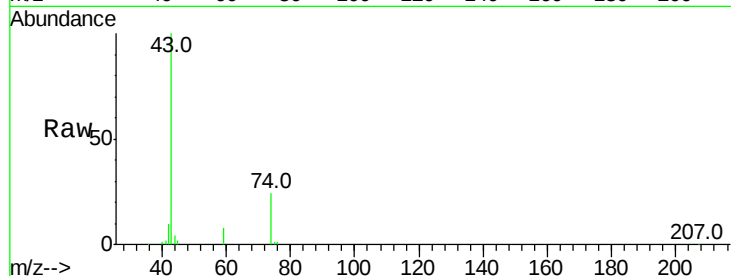




#15
Methyl Acetate
Concen: 9.257 ug/L
RT: 2.99 min Scan# 513
Delta R.T. -0.01 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

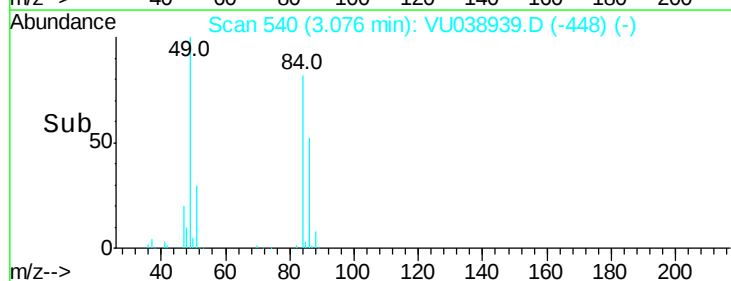
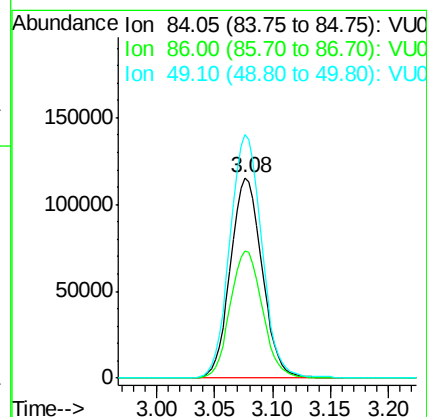
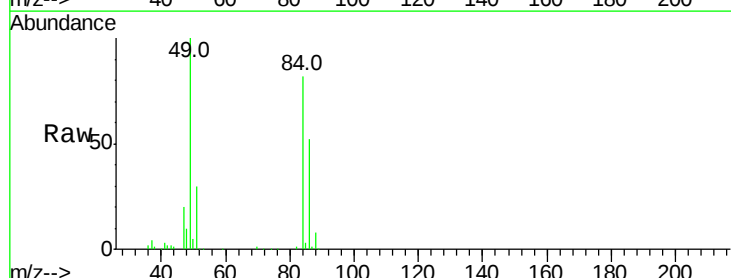
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

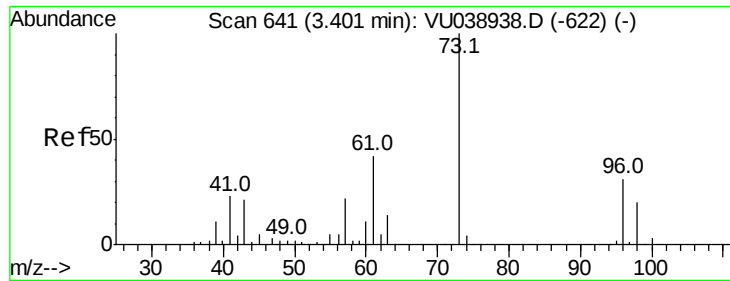
Tgt Ion: 43 Resp: 101001
Ion Ratio Lower Upper
43 100
74 26.0 22.2 33.2



#16
Methylene chloride
Concen: 8.854 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Tgt Ion: 84 Resp: 218046
Ion Ratio Lower Upper
84 100
86 63.7 45.1 83.7
49 121.5 83.7 155.4

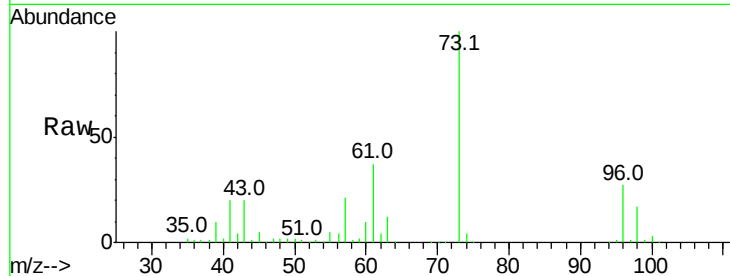




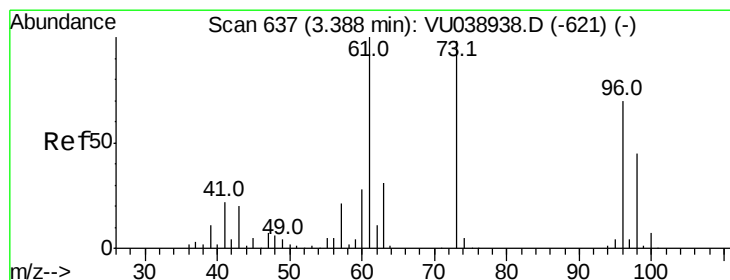
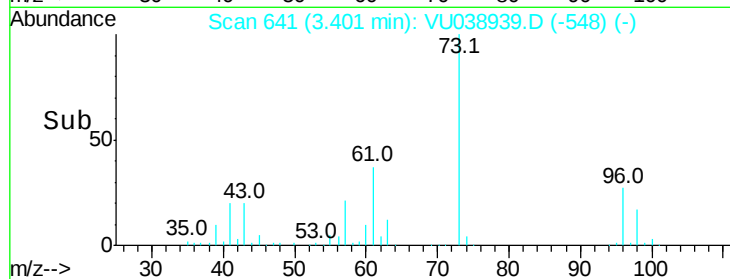
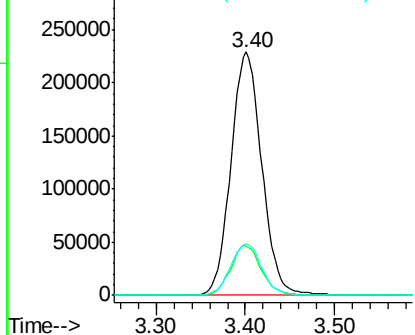
#17
Methyl tert-butyl Ether
Concen: 10.021 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tgt Ion: 73 Resp: 547652
Ion Ratio Lower Upper
73 100
43 20.7 17.0 25.4
57 21.5 17.7 26.5

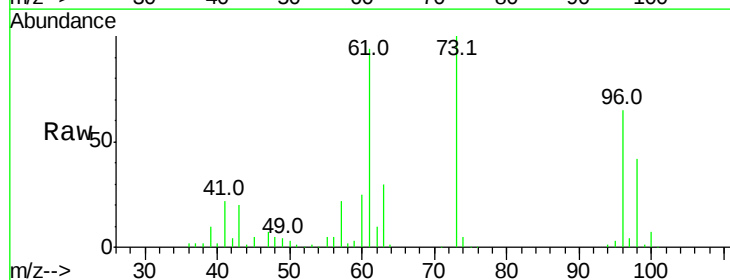


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

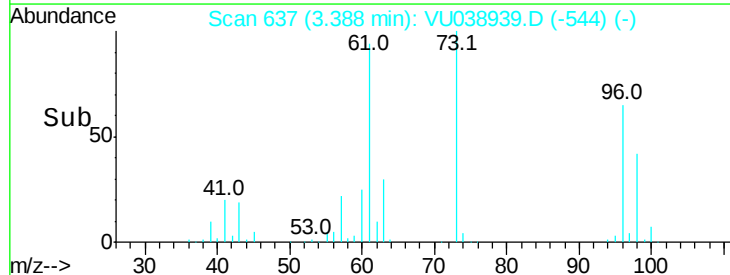
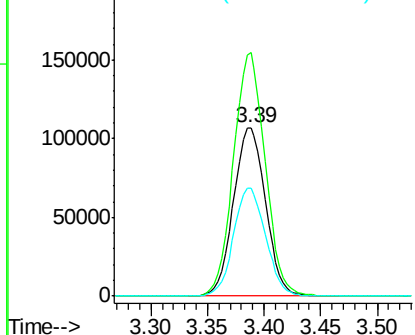


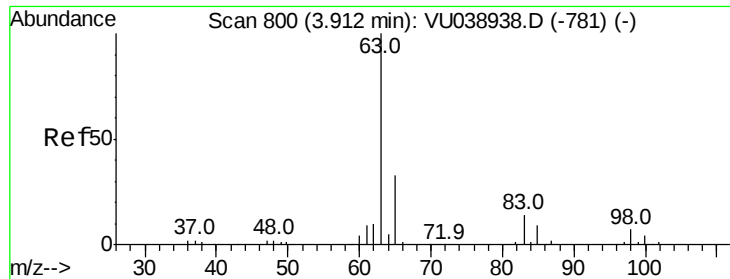
#18
trans-1,2-Dichloroethene
Concen: 9.318 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Tgt Ion: 96 Resp: 211409
Ion Ratio Lower Upper
96 100
61 144.5 100.3 186.3
98 64.1 45.4 84.2



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

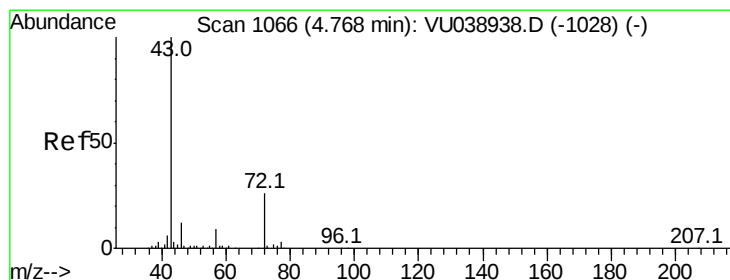
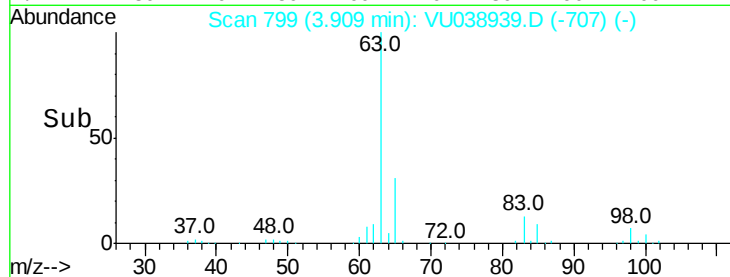
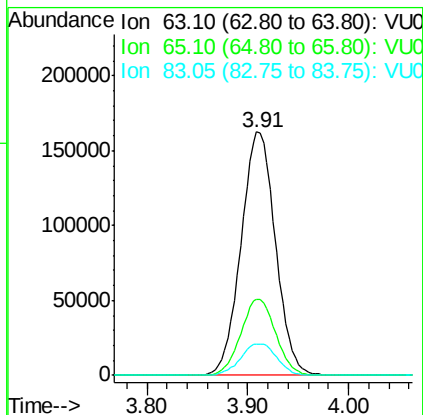
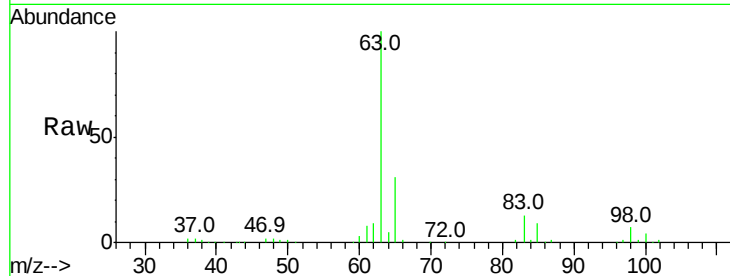




#19
 1,1-Dichloroethane
 Concen: 9.230 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

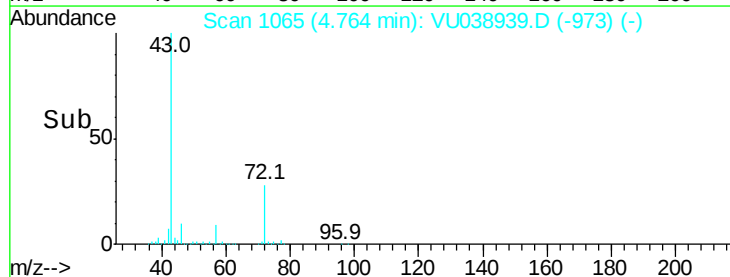
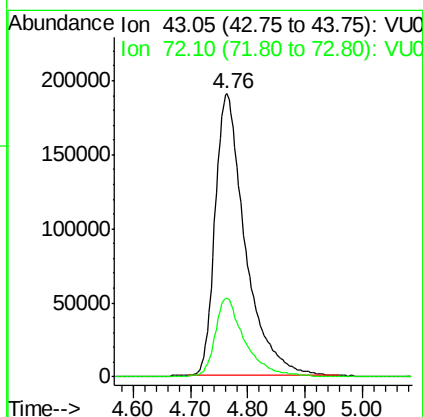
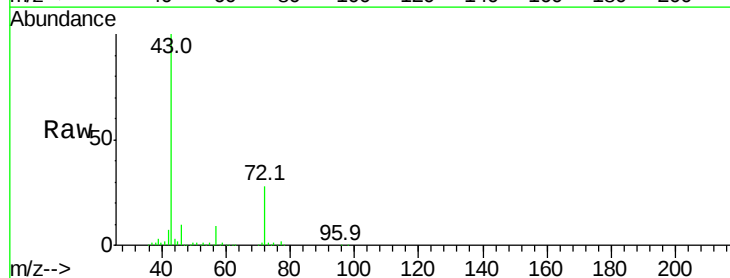
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

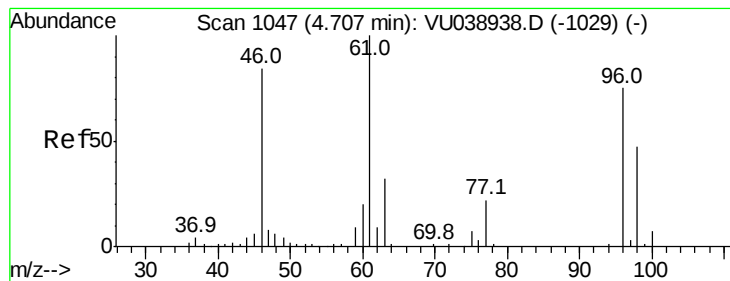
Tgt Ion: 63 Resp: 383951
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.8 42.4
 83 12.9 9.6 17.8



#21
 2-Butanone
 Concen: 95.898 ug/L
 RT: 4.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion: 43 Resp: 697276
 Ion Ratio Lower Upper
 43 100
 72 27.5 12.5 37.5





#22

cis-1,2-Dichloroethene

Concen: 9.410 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

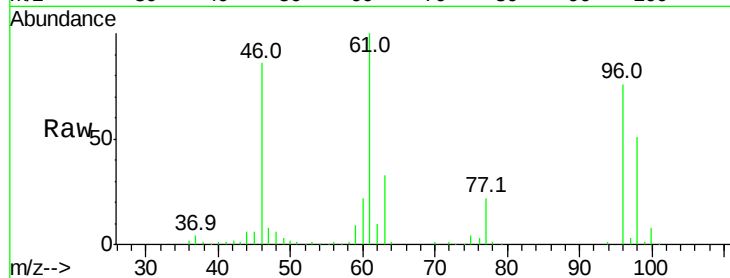
Tgt Ion: 96 Resp: 223294

Ion Ratio Lower Upper

96 100

61 131.3 93.7 173.9

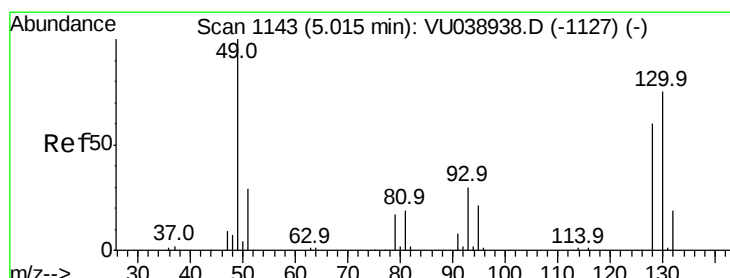
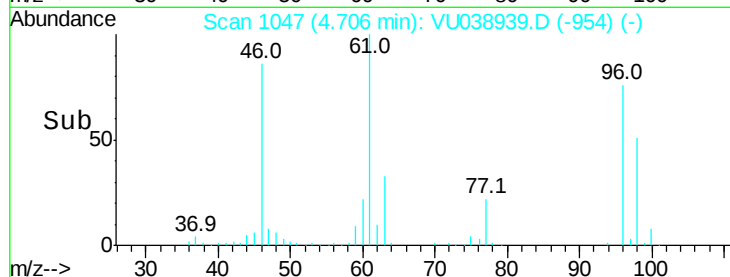
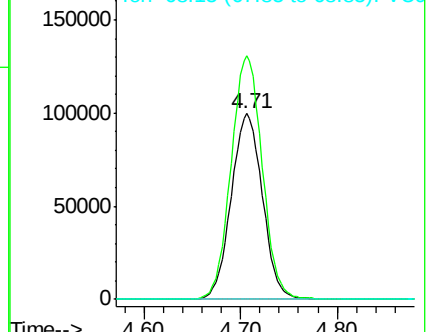
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038939.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038939.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038939.D (-954) (-)



#23

Bromochloromethane

Concen: 8.928 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Tgt Ion: 128 Resp: 100304

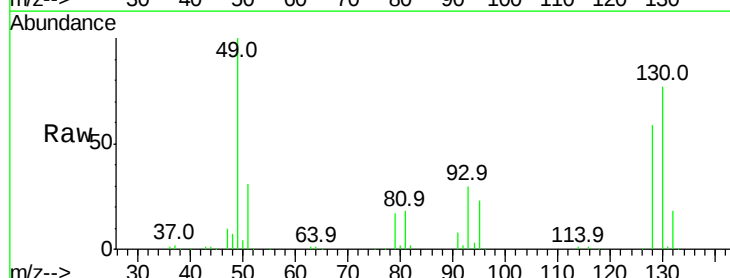
Ion Ratio Lower Upper

128 100

49 169.9 117.4 218.0

130 130.2 87.8 163.2

51 53.2 39.1 58.7

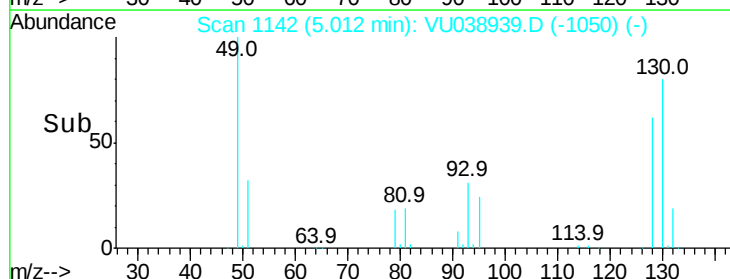
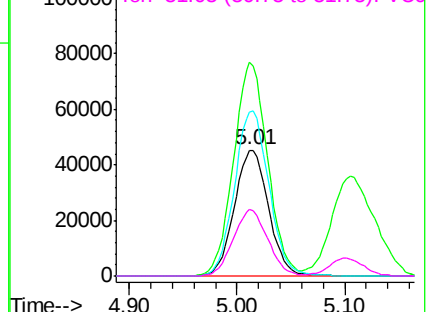


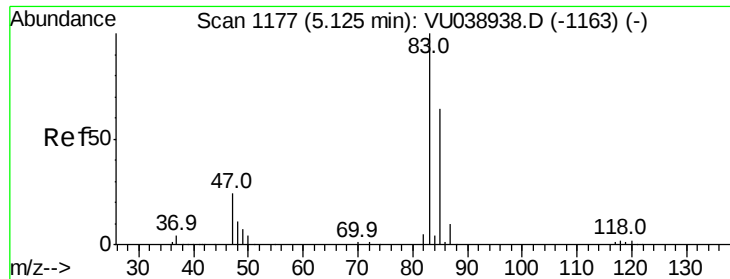
Abundance Ion 127.90 (127.60 to 128.60): VU038939.D (-1050) (-)

Ion 49.10 (48.80 to 49.80): VU038939.D (-1050) (-)

Ion 129.95 (129.65 to 130.65): VU038939.D (-1050) (-)

Ion 51.05 (50.75 to 51.75): VU038939.D (-1050) (-)

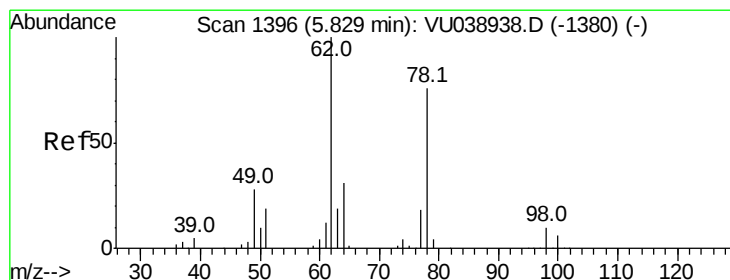
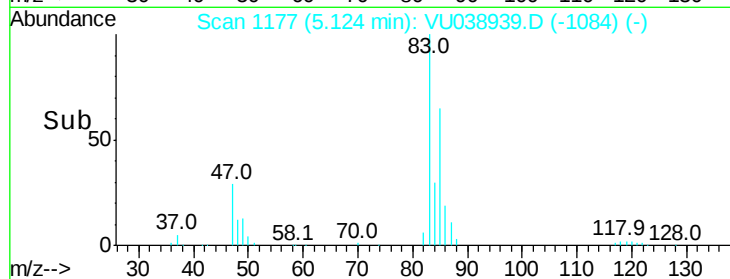
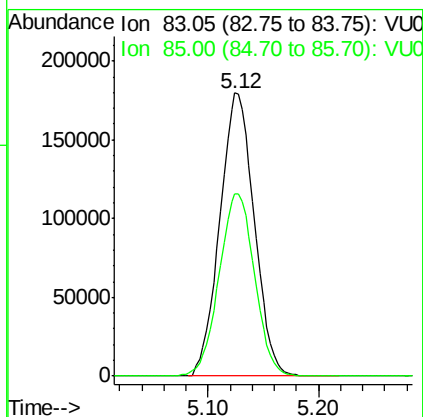
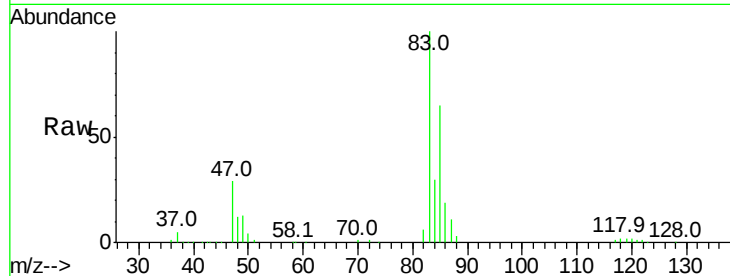




#25
Chloroform
Concen: 8.963 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

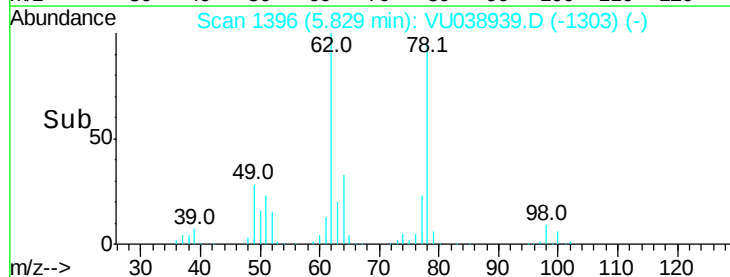
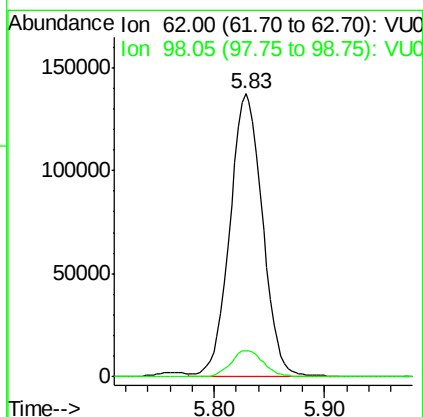
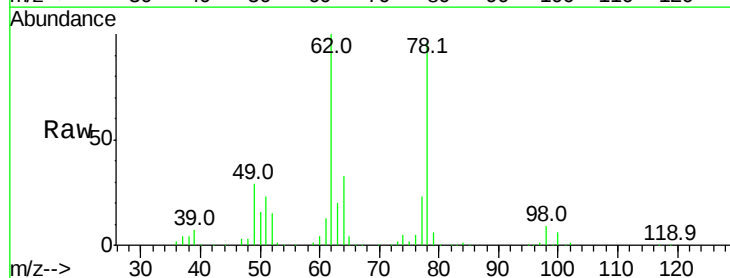
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

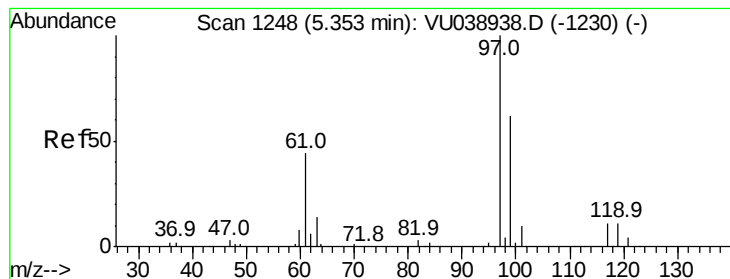
Tgt Ion: 83 Resp: 388574
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5



#27
1,2-Dichloroethane
Concen: 9.131 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Tgt Ion: 62 Resp: 281003
Ion Ratio Lower Upper
62 100
98 9.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 9.618 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

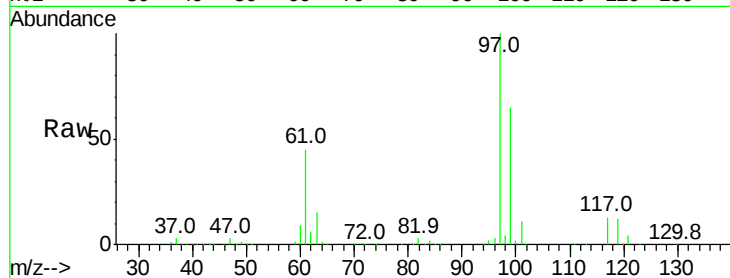
Tgt Ion: 97 Resp: 350754

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

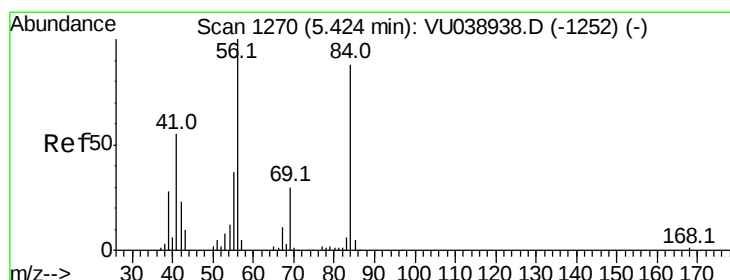
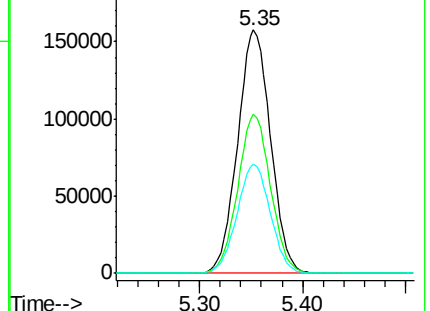
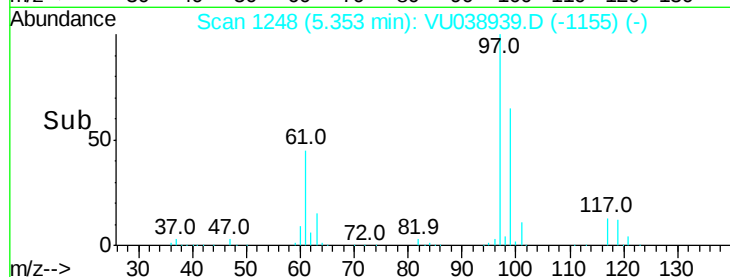
61 45.3 35.6 53.4



Abundance Ion 96.95 (96.65 to 97.65): VU038939.D (-1155) (-)

Ion 99.05 (98.75 to 99.75): VU038939.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VU038939.D (-1155) (-)



#30

Cyclohexane

Concen: 10.405 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

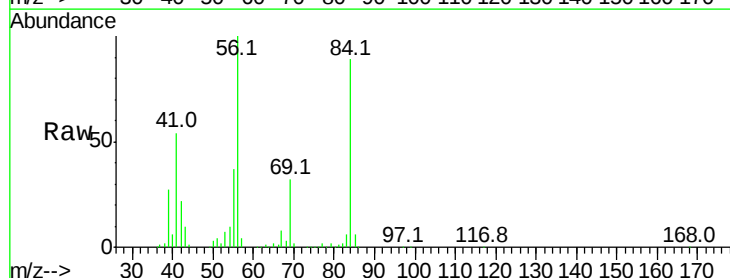
Tgt Ion: 56 Resp: 341800

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.4

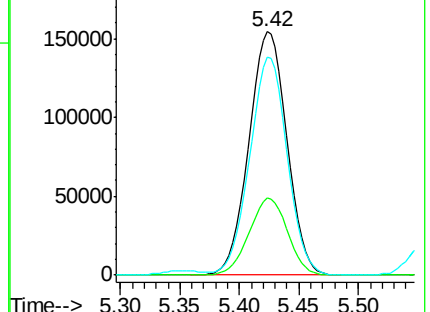
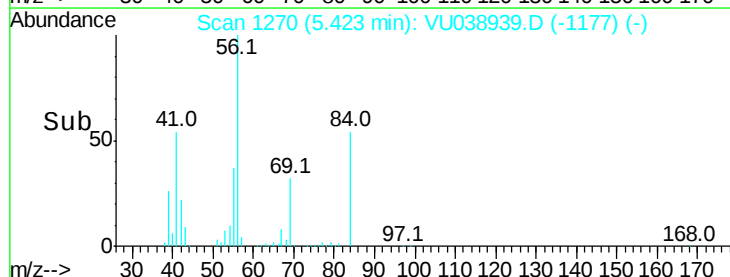
84 88.7 72.0 108.0

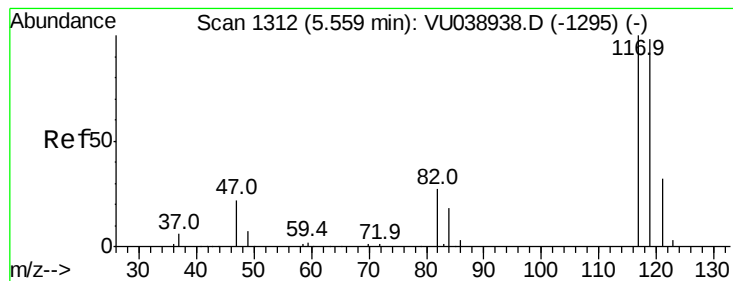


Abundance Ion 56.10 (55.80 to 56.80): VU038939.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038939.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038939.D (-1177) (-)





#31

Carbon tetrachloride

Concen: 9.811 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

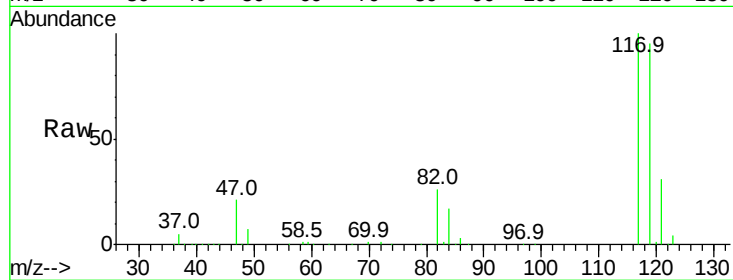
VSTD01001

Tgt Ion:117 Resp: 304496

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56

150000

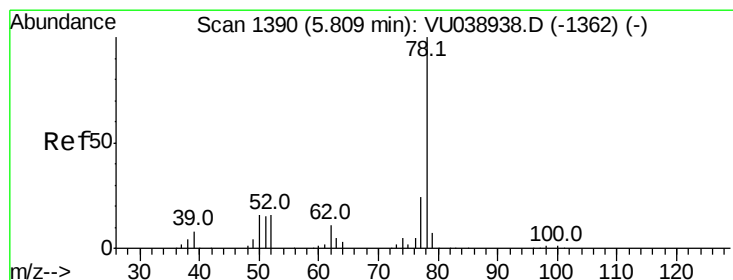
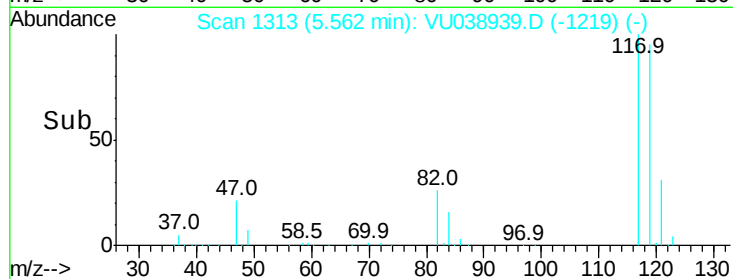
100000

50000

0

Time-->

5.50 5.55 5.60



#33

Benzene

Concen: 9.792 ug/L

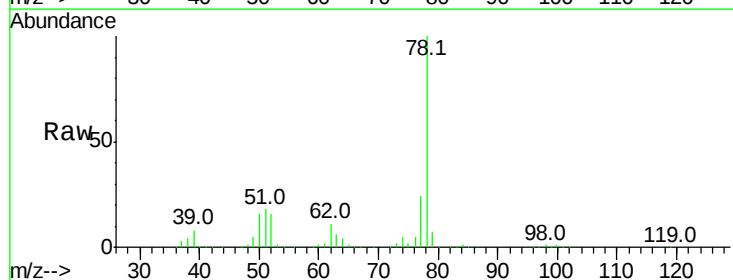
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Tgt Ion: 78 Resp: 856161



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.81

500000

400000

300000

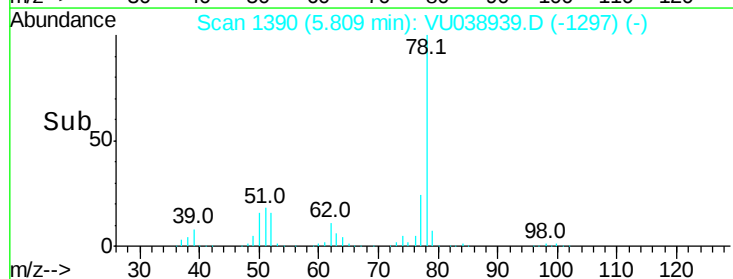
200000

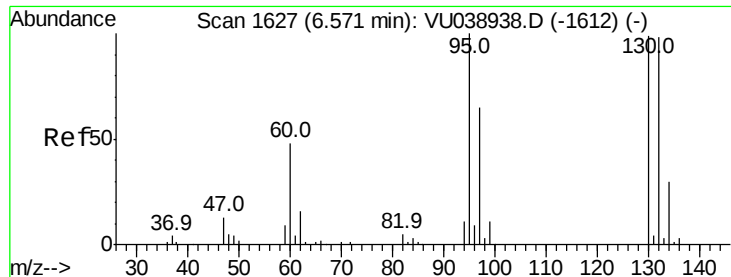
100000

0

Time-->

5.70 5.80 5.90

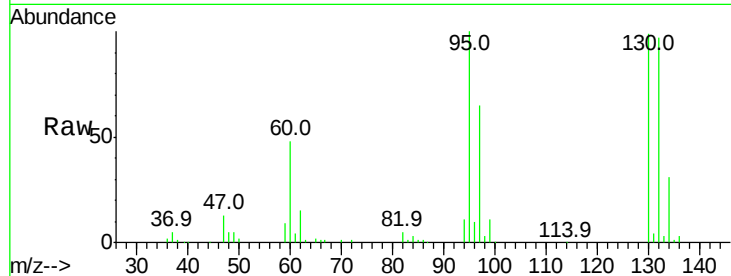




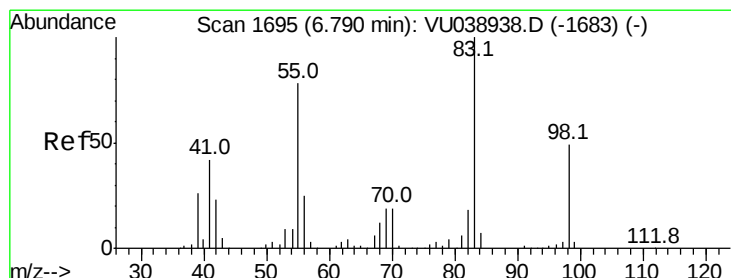
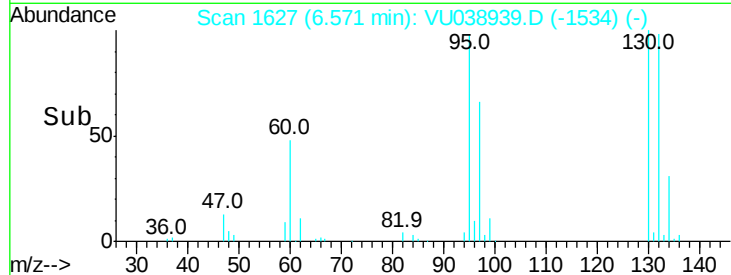
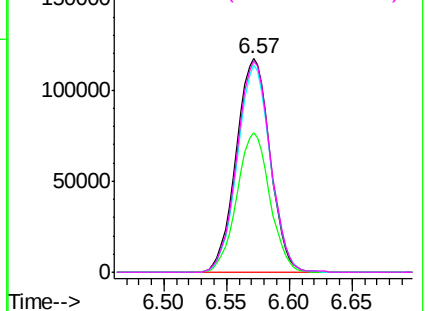
#34
 Trichloroethene
 Concen: 9.651 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Tgt Ion:	95	Resp:	220357
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.4	84.4
132	97.2	68.4	127.0
130	98.9	69.6	129.2

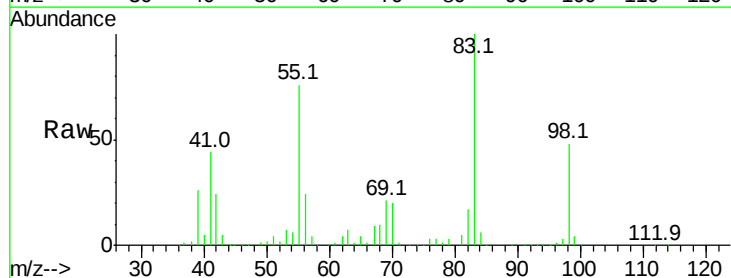


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

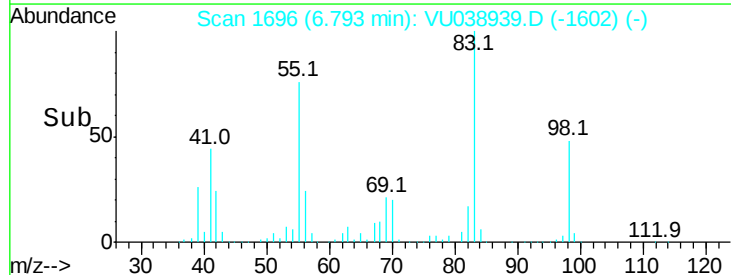
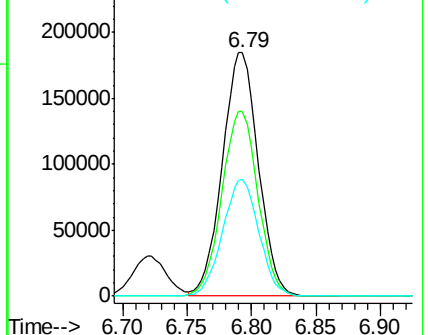


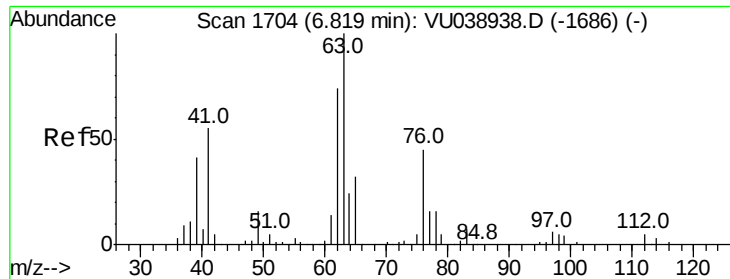
#35
 Methylcyclohexane
 Concen: 10.502 ug/L
 RT: 6.79 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion:	83	Resp:	357237
Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.8	92.8
98	48.3	39.3	58.9



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

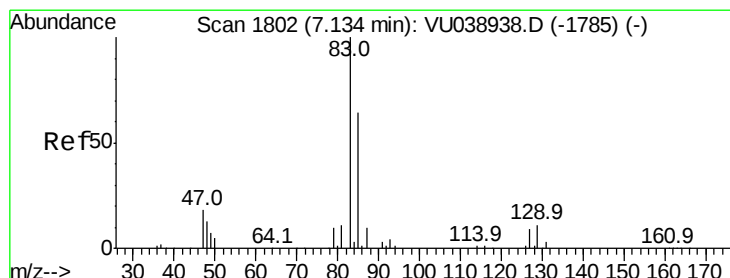
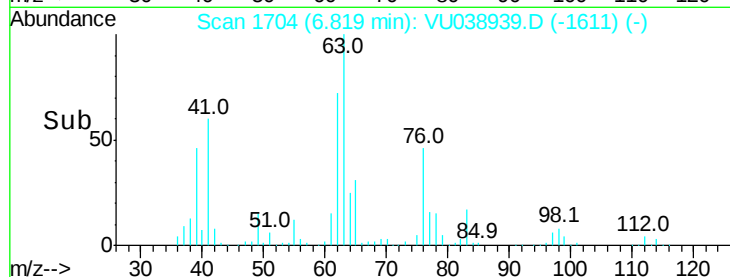
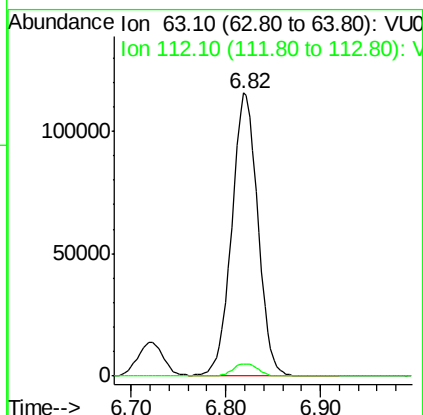
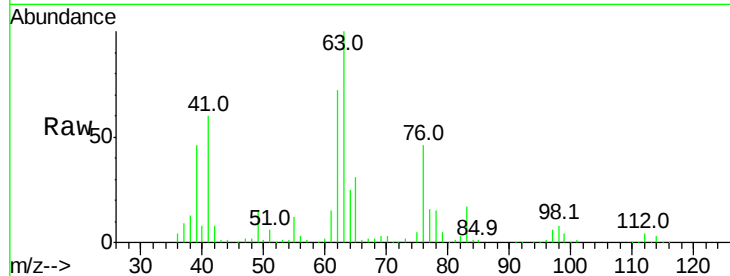




#37
 1,2-Dichloropropane
 Concen: 9.798 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

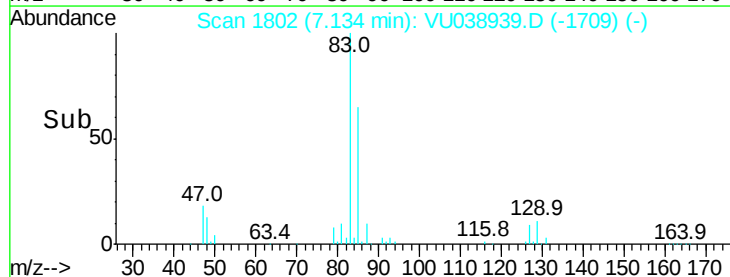
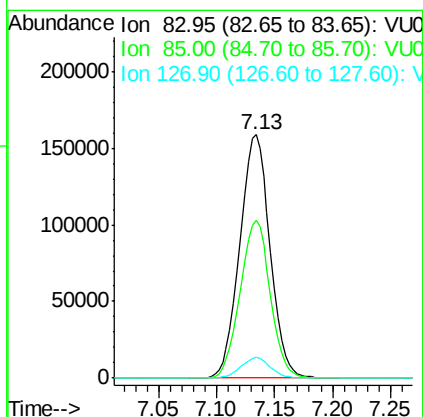
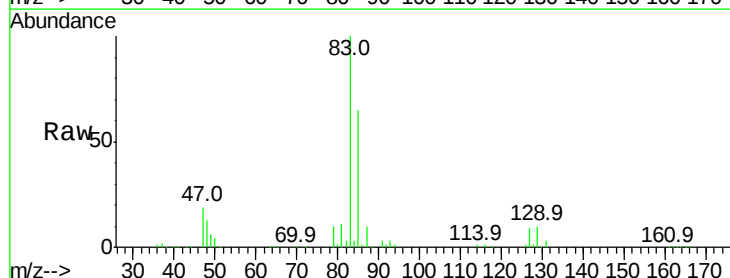
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

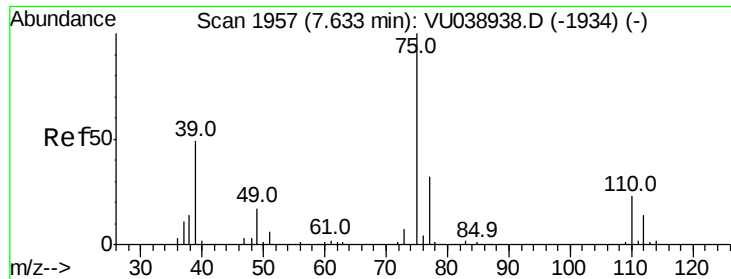
Tgt Ion: 63 Resp: 221078
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.9 5.9



#38
 Bromodichloromethane
 Concen: 9.673 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion: 83 Resp: 287000
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.0 83.6
 127 8.5 7.0 10.4

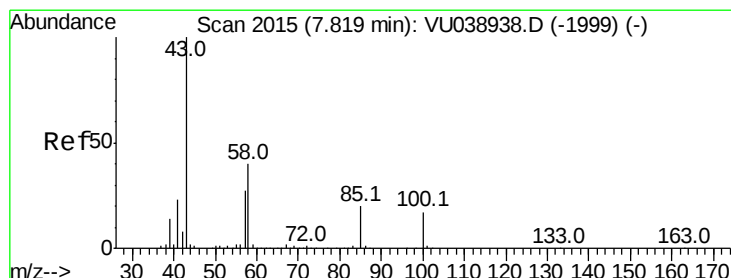
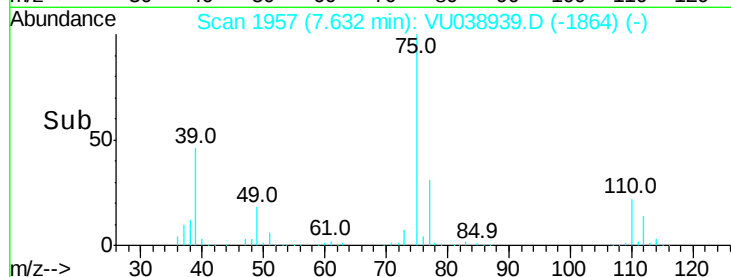
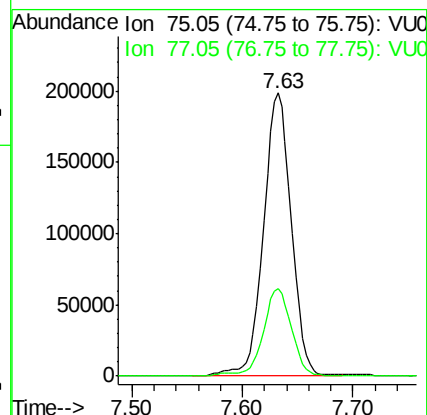
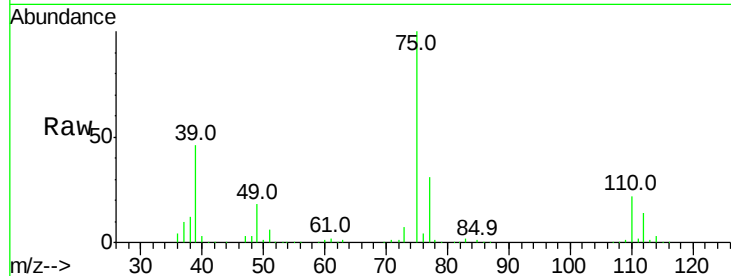




#39
 cis-1,3-Dichloropropene
 Concen: 10.750 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

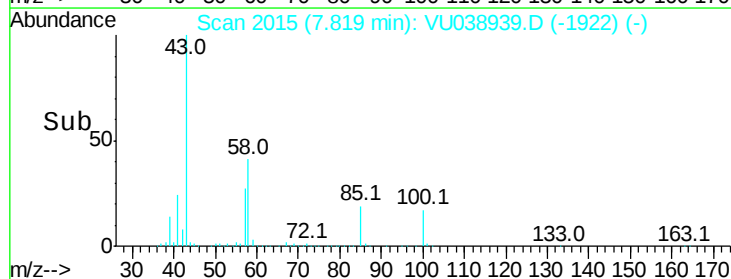
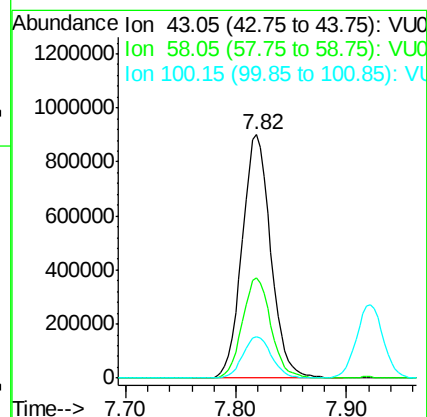
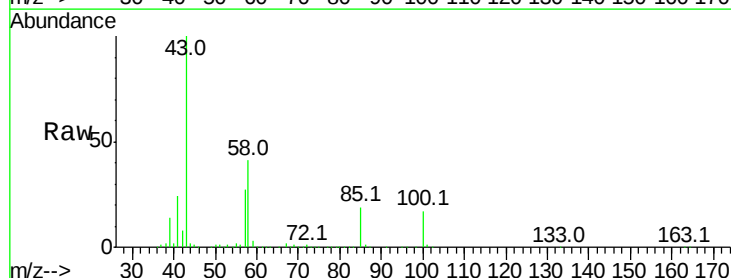
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

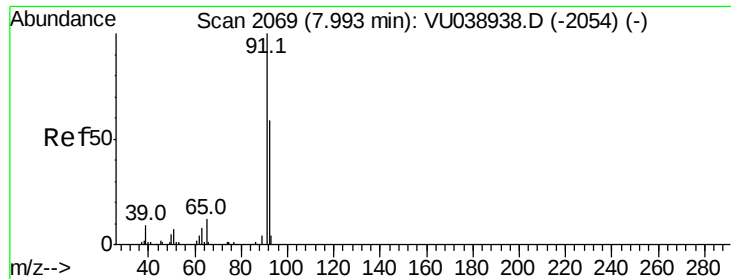
Tgt Ion: 75 Resp: 346896
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 105.150 ug/L
 RT: 7.82 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion: 43 Resp: 1618358
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.6 49.0
 100 17.1 13.4 20.2





#42

Toluene

Concen: 9.959 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

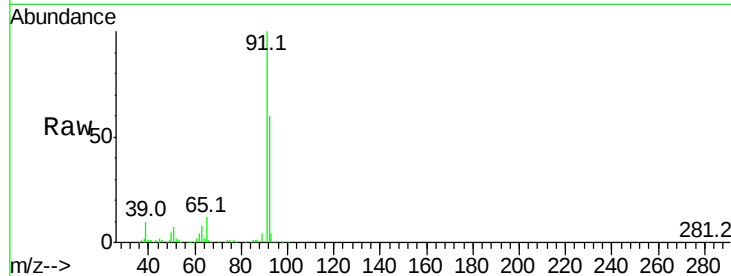
VSTD01001

Tgt Ion: 91 Resp: 917795

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.2



Abundance Ion 91.15 (90.85 to 91.85): VU038939.D (-1976) (-)

Ion 92.15 (91.85 to 92.85): VU038939.D (-1976) (-)

7.99

600000

500000

400000

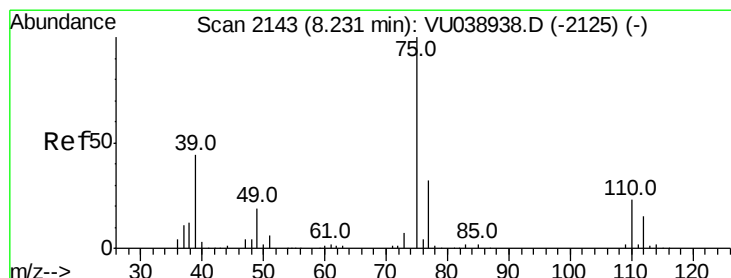
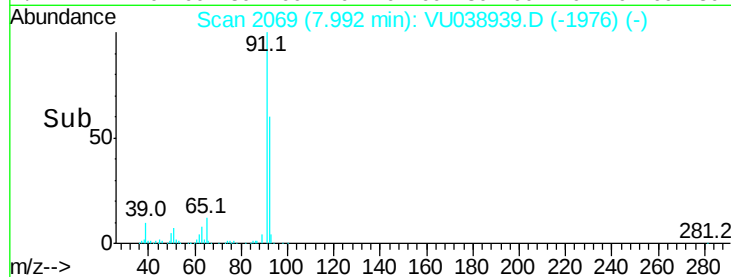
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 10.750 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU038939.D

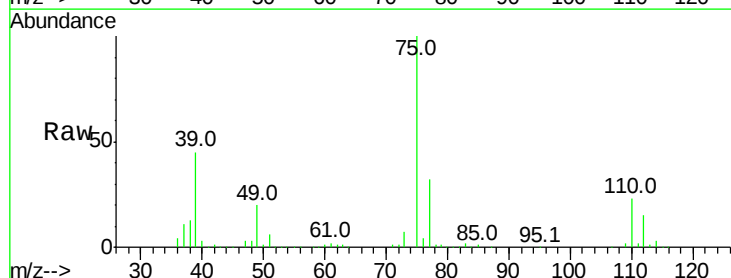
Acq: 17 Jun 2020 12:14

Tgt Ion: 75 Resp: 317291

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU038939.D (-2050) (-)

Ion 77.05 (76.75 to 77.75): VU038939.D (-2050) (-)

8.23

200000

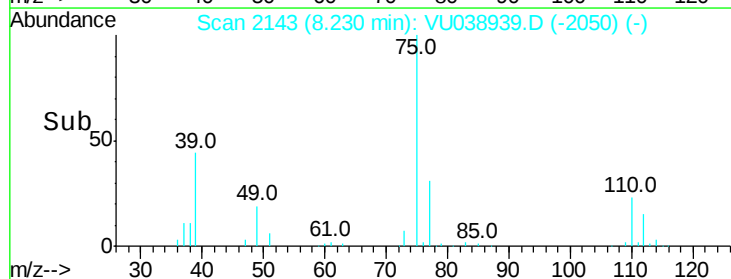
150000

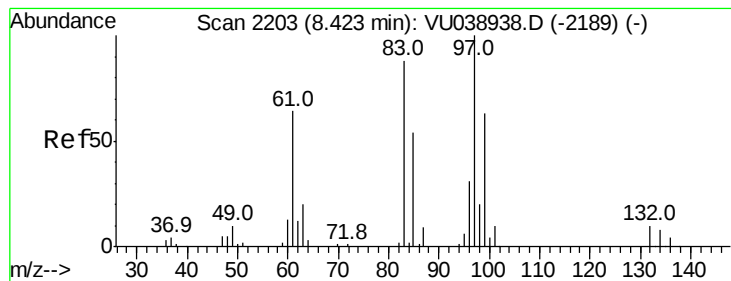
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 9.662 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

Tgt Ion: 97 Resp: 166643

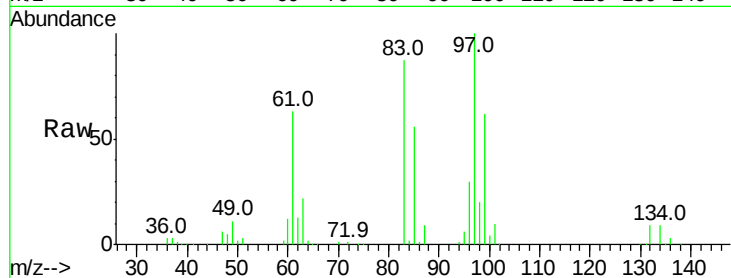
Ion Ratio Lower Upper

97 100

99 61.9 44.1 81.9

83 86.8 61.2 113.8

85 55.9 37.7 70.1



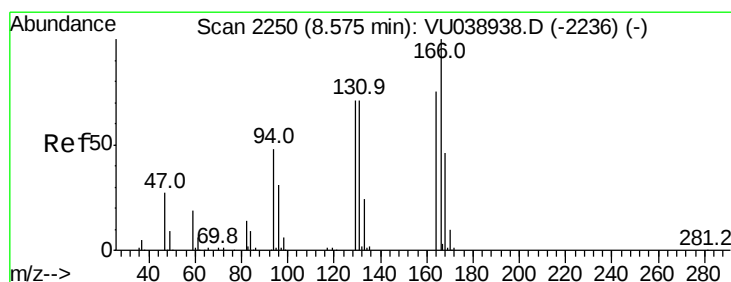
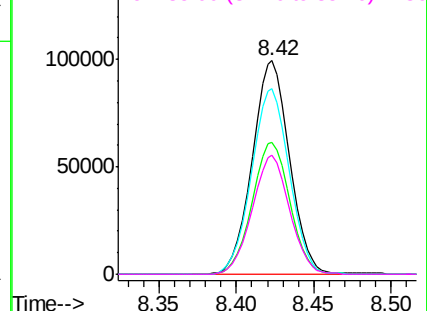
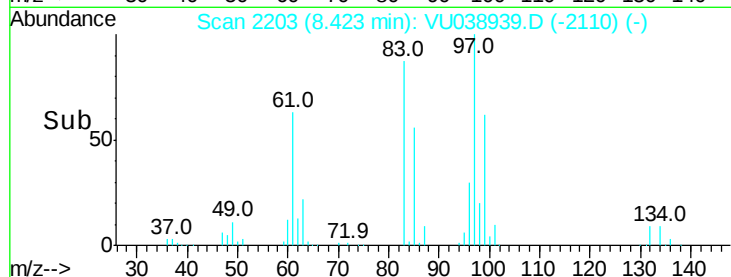
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 9.498 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Tgt Ion: 164 Resp: 166205

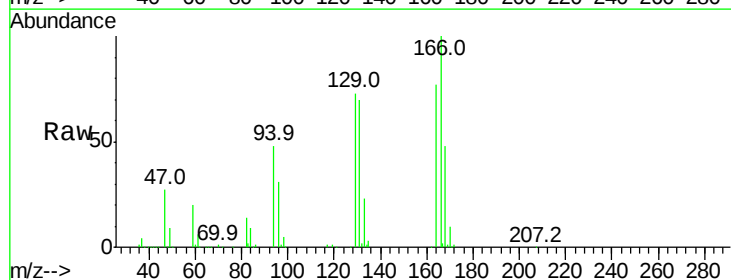
Ion Ratio Lower Upper

164 100

129 95.0 66.1 122.8

131 91.5 65.7 122.1

166 130.0 93.0 172.8



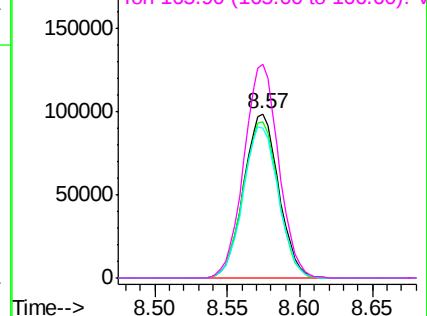
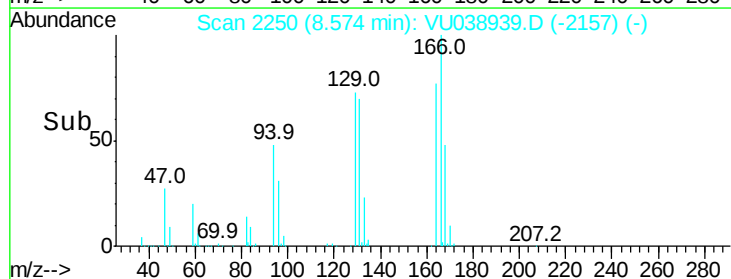
Abundance

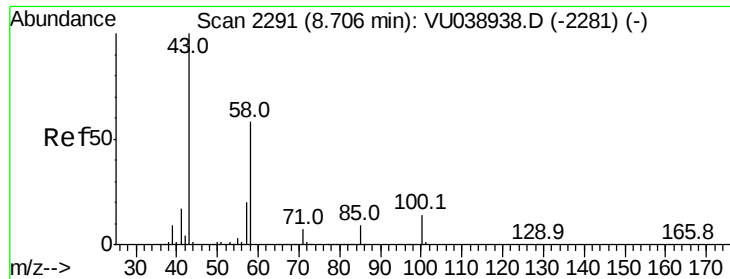
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



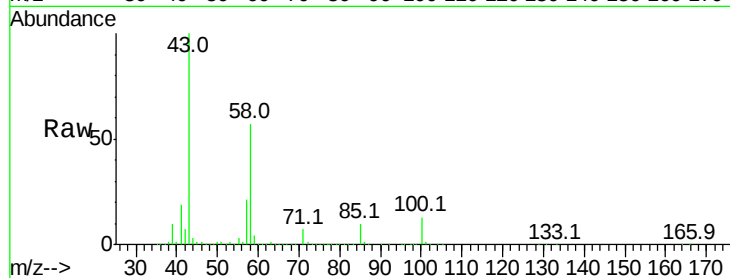


#48
2-Hexanone
Concen: 100.605 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tgt Ion: 43 Resp: 1227506

Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.2	67.8
57	20.5	16.1	24.1
100	13.4	10.9	16.3

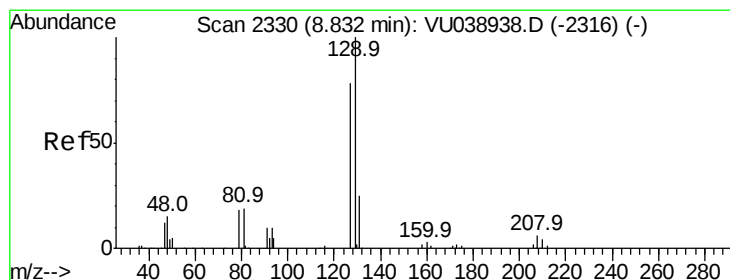
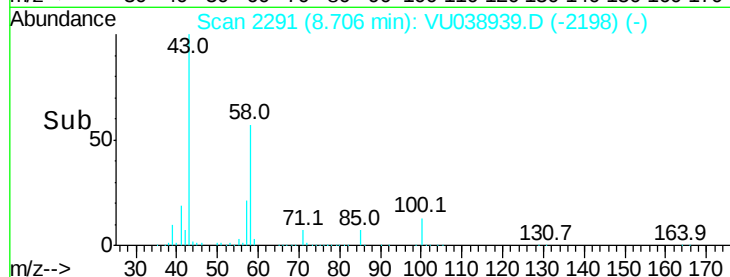
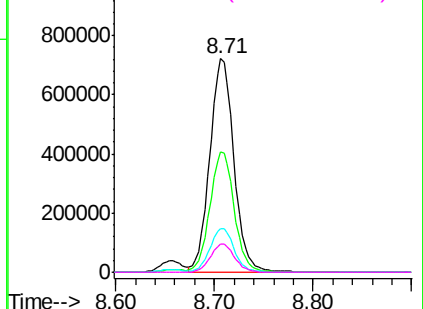


Abundance Ion 43.05 (42.75 to 43.75): VU038939.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VU038939.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VU038939.D (-2198) (-)

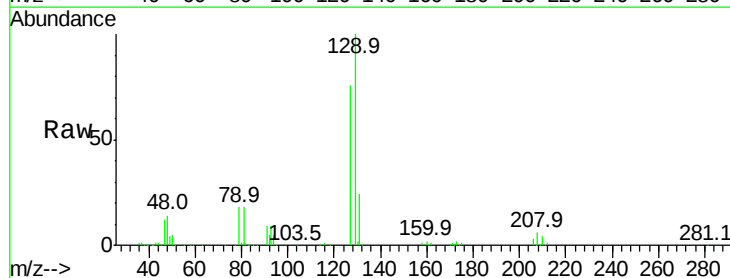
Ion 100.15 (99.85 to 100.85): VU038939.D (-2198) (-)



#49
Dibromochloromethane
Concen: 10.146 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

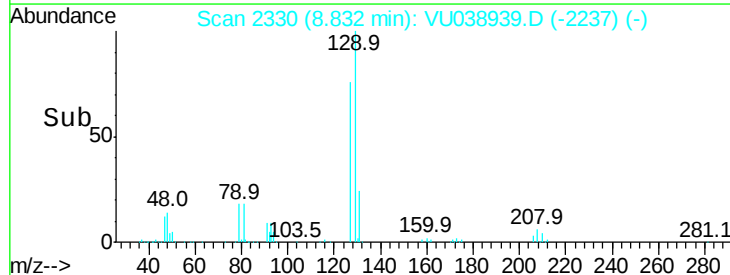
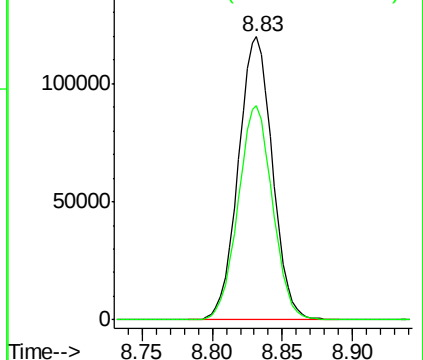
Tgt Ion: 129 Resp: 203036

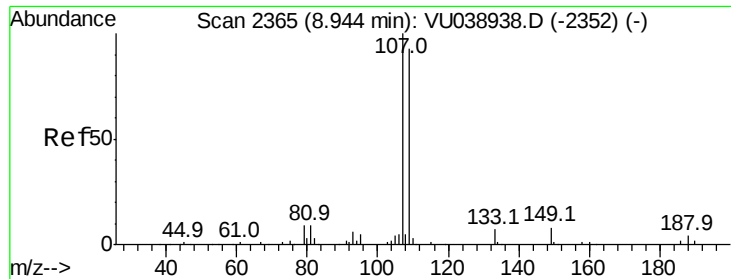
Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.9	101.9



Abundance Ion 128.95 (128.65 to 129.65): VU038939.D (-2237) (-)

Ion 126.90 (126.60 to 127.60): VU038939.D (-2237) (-)

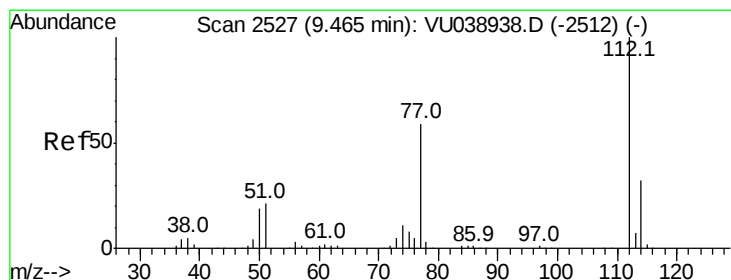
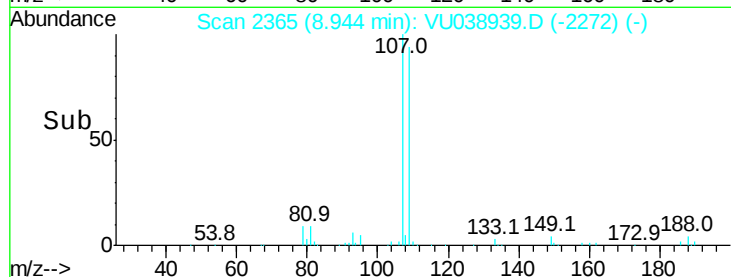
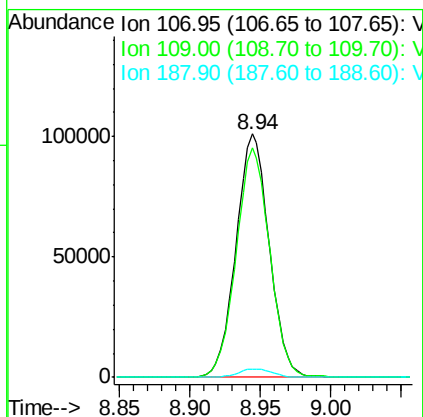
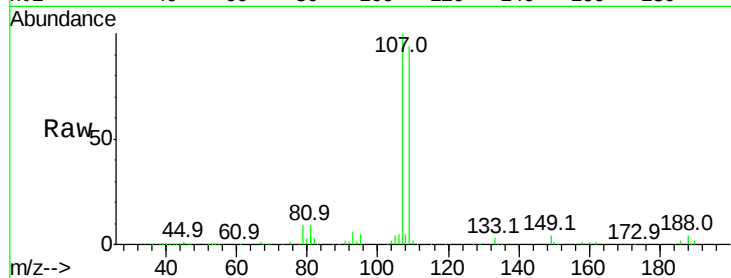




#50
1,2-Dibromoethane
Concen: 9.993 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

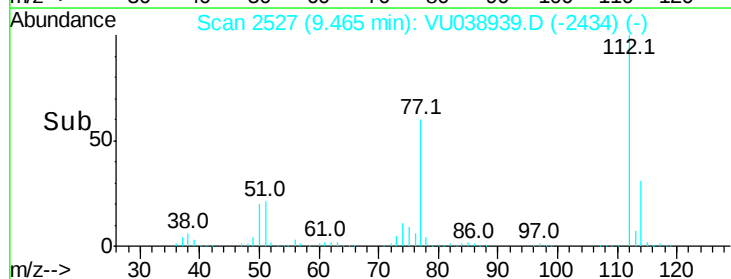
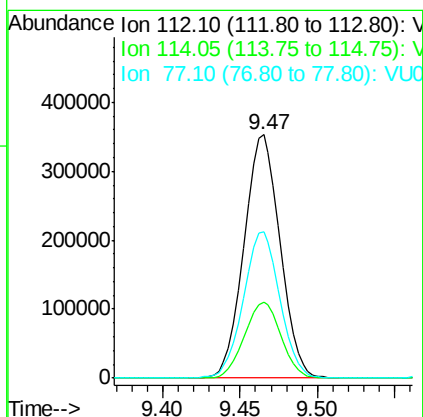
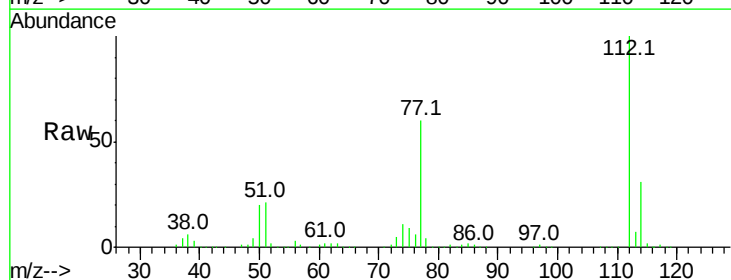
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

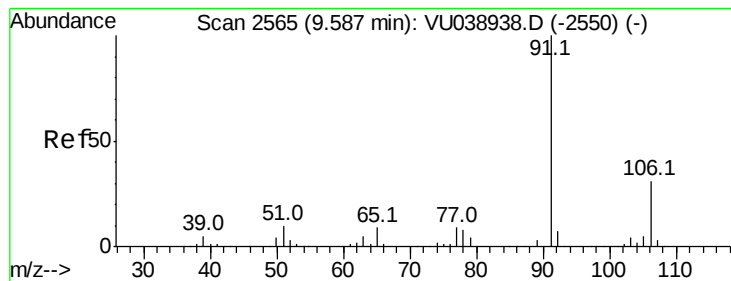
Tgt Ion:107 Resp: 167060
Ion Ratio Lower Upper
107 100
109 94.0 64.8 120.4
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 9.577 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Tgt Ion:112 Resp: 574353
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 60.2 47.2 70.8





#52

Ethylbenzene

Concen: 9.864 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

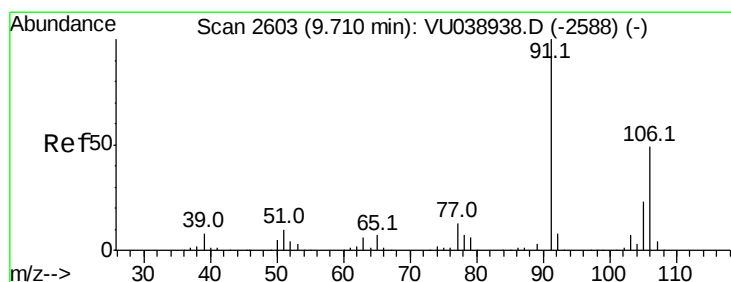
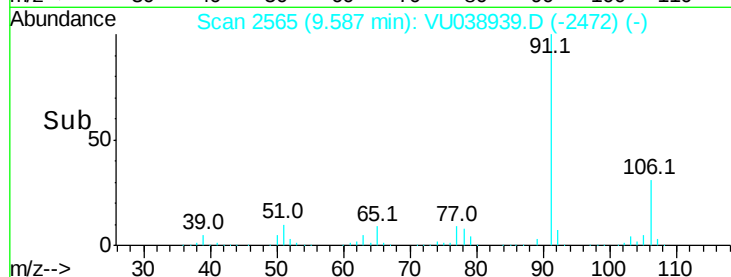
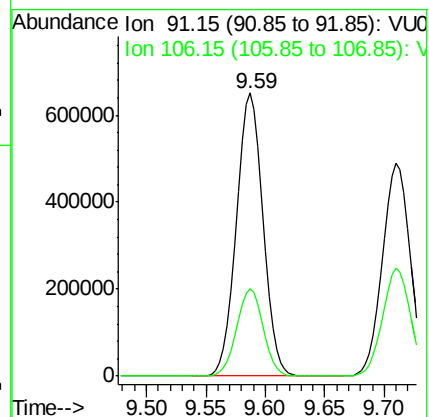
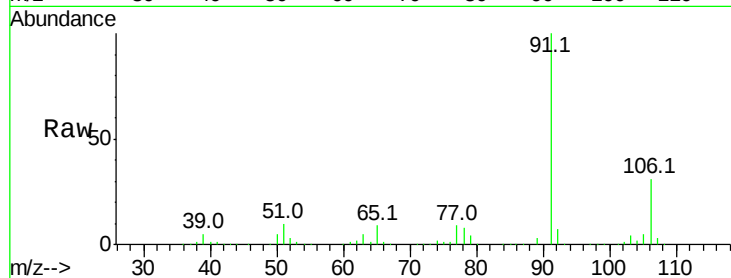
VSTD01001

Tgt Ion: 91 Resp: 1011528

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 10.431 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038939.D

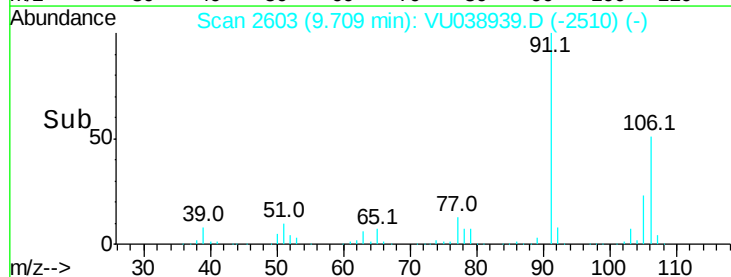
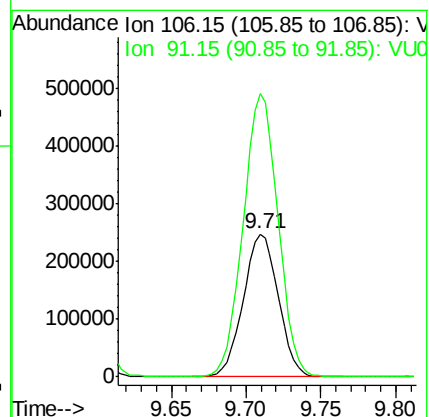
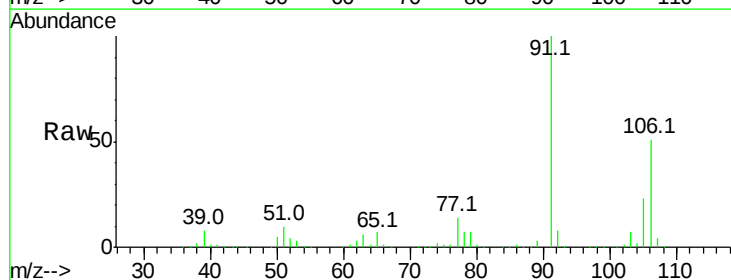
Acq: 17 Jun 2020 12:14

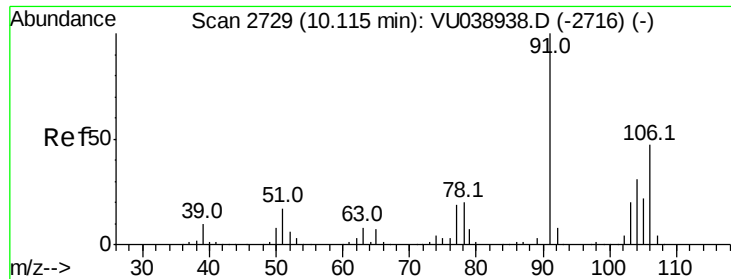
Tgt Ion: 106 Resp: 401951

Ion Ratio Lower Upper

106 100

91 197.7 143.0 265.6

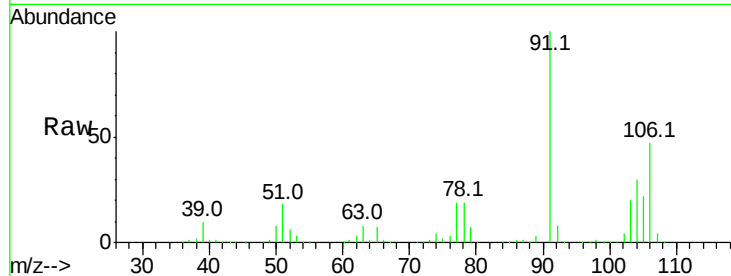




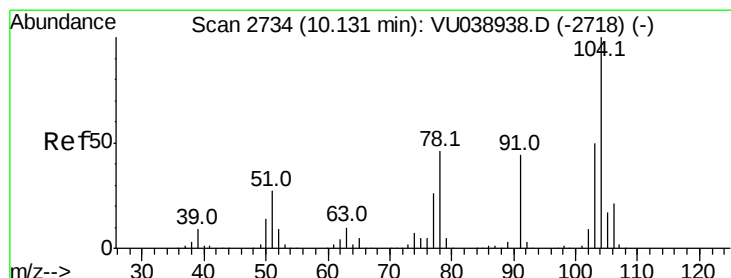
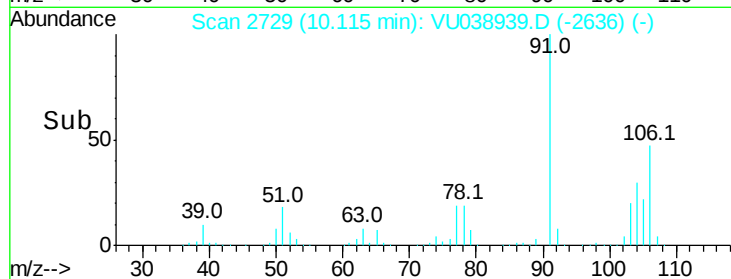
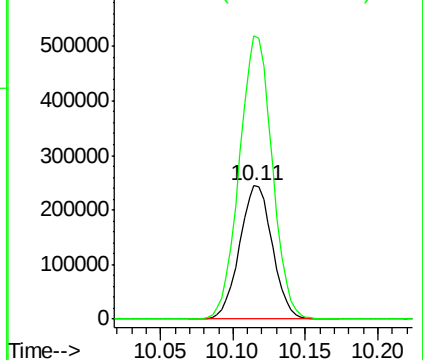
#54
o-Xylene
Concen: 10.369 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tgt Ion:106 Resp: 384408
Ion Ratio Lower Upper
106 100
91 211.9 148.4 275.6

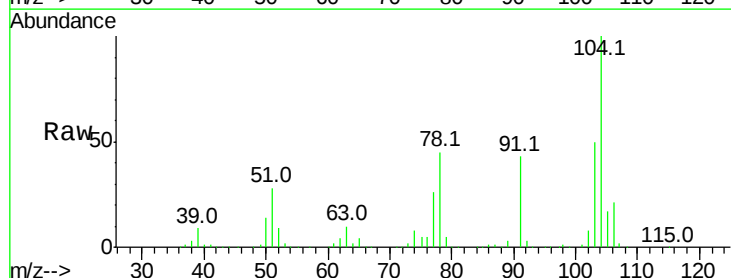


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

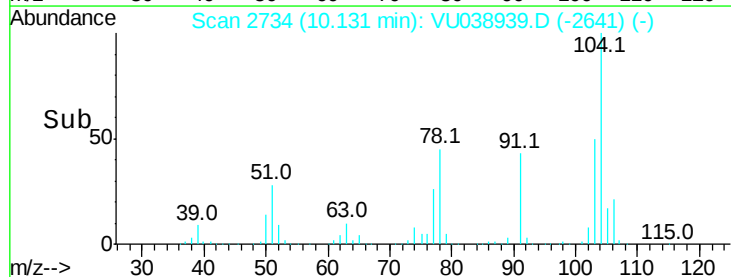
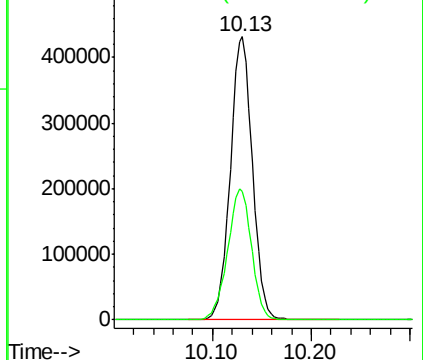


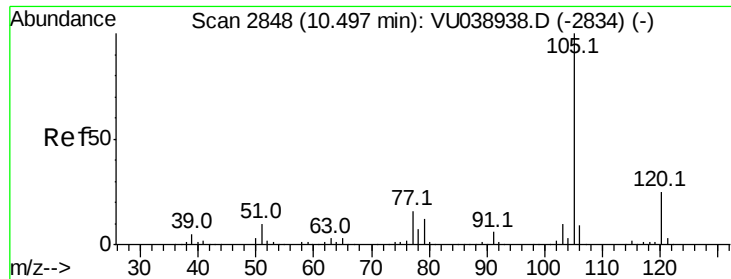
#55
Styrene
Concen: 10.493 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU038939.D
Acq: 17 Jun 2020 12:14

Tgt Ion:104 Resp: 675737
Ion Ratio Lower Upper
104 100
78 45.3 32.0 59.4



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





#56

Isopropylbenzene

Concen: 10.513 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

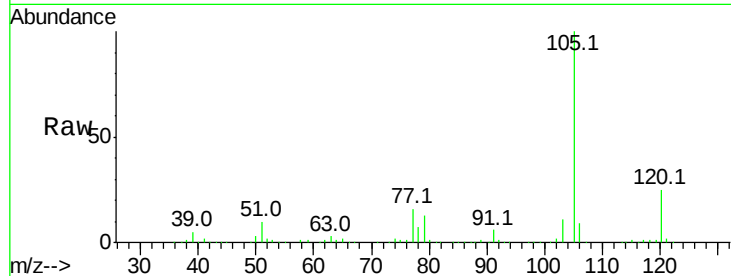
Tgt Ion:105 Resp: 1012168

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

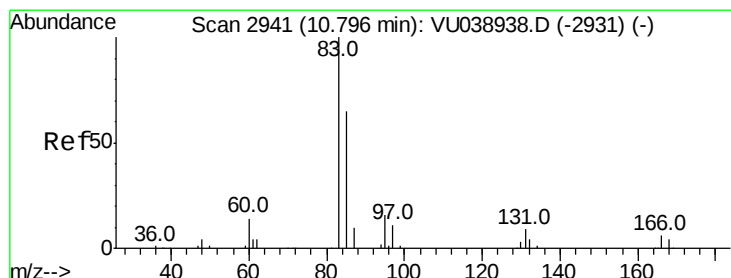
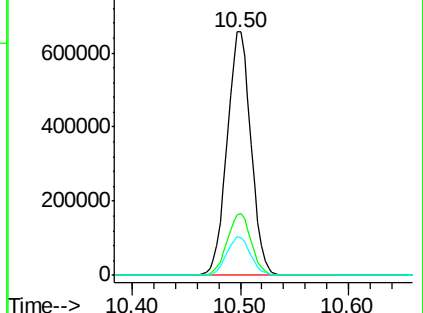
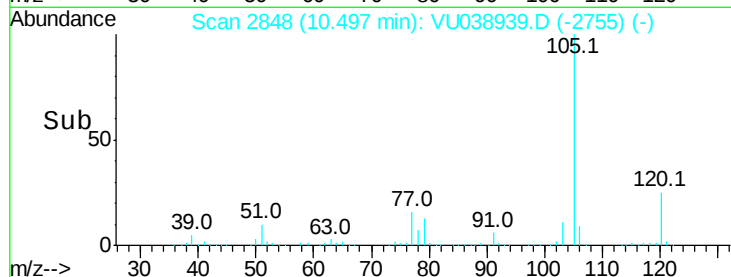
77 15.8 13.0 19.6



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: 10.206 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

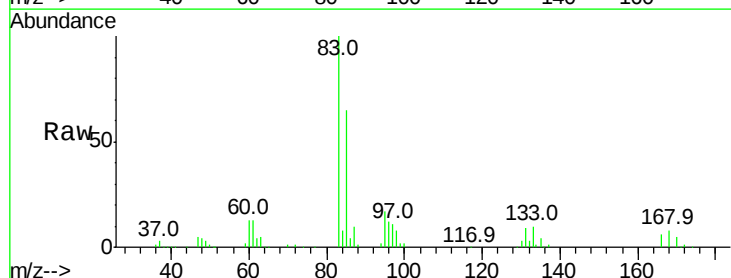
Tgt Ion: 83 Resp: 225686

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4

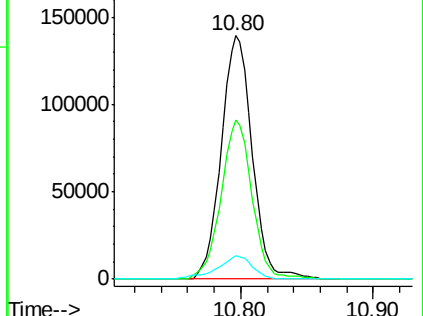
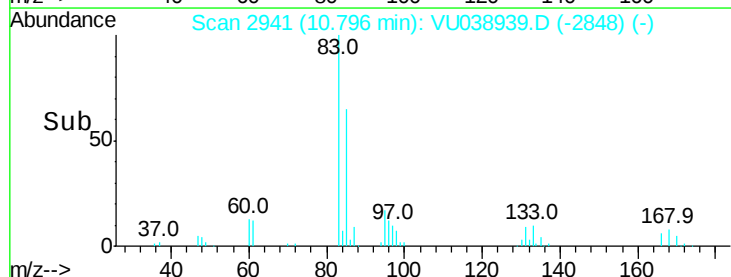
131 9.4 8.2 12.4

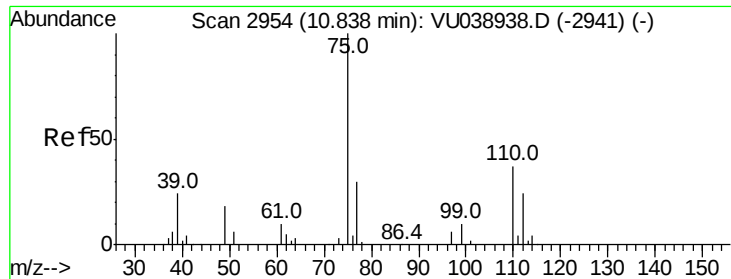


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 9.768 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

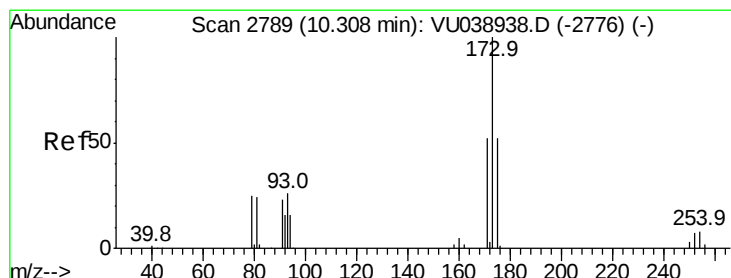
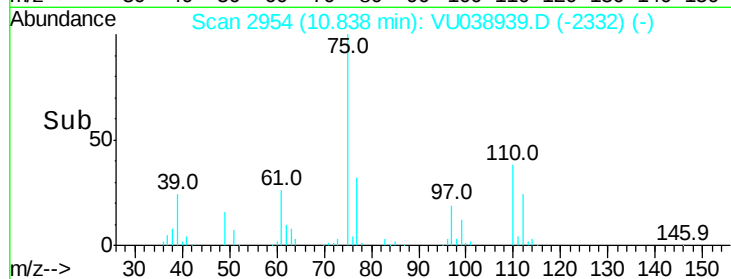
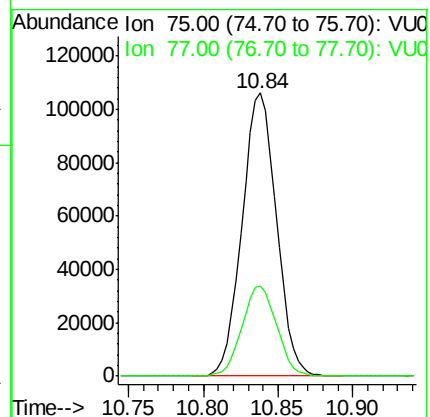
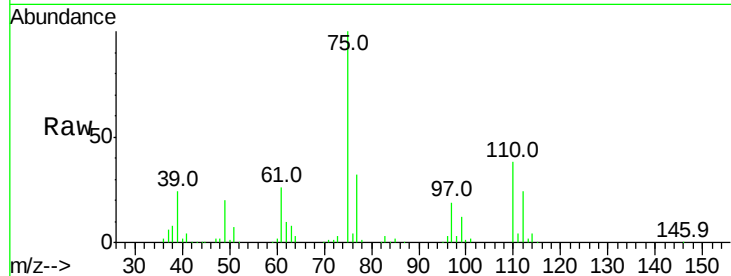
VSTD01001

Tgt Ion: 75 Resp: 169844

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#61

Bromoform

Concen: 10.094 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

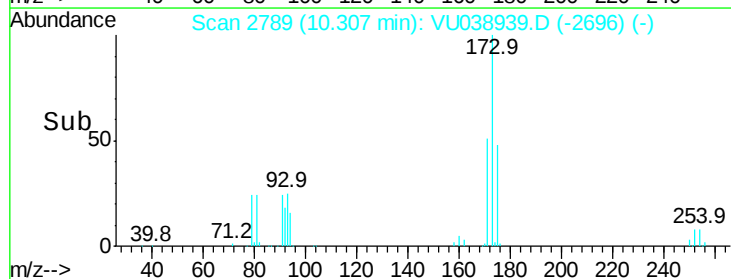
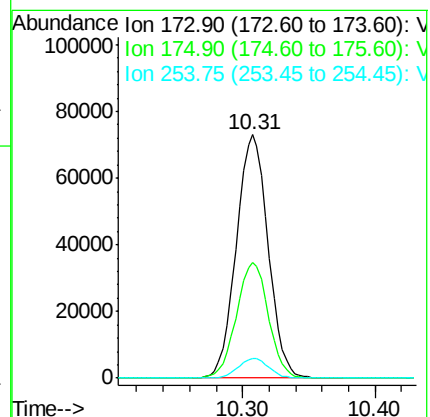
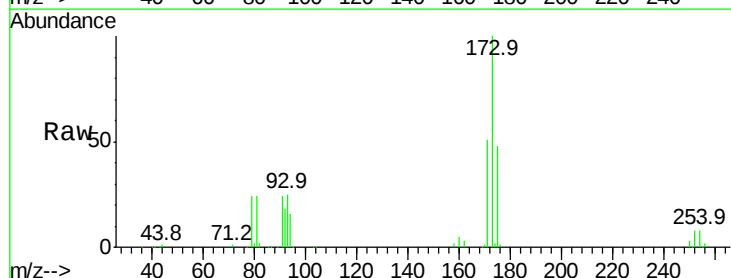
Tgt Ion: 173 Resp: 121509

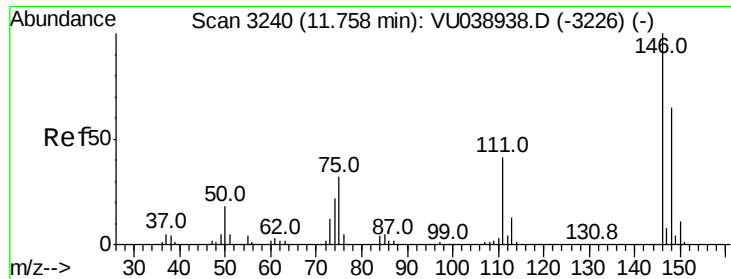
Ion Ratio Lower Upper

173 100

175 47.7 39.2 58.8

254 7.7 6.1 9.1





#62

1,3-Dichlorobenzene

Concen: 9.710 ug/L

RT: 11.76 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

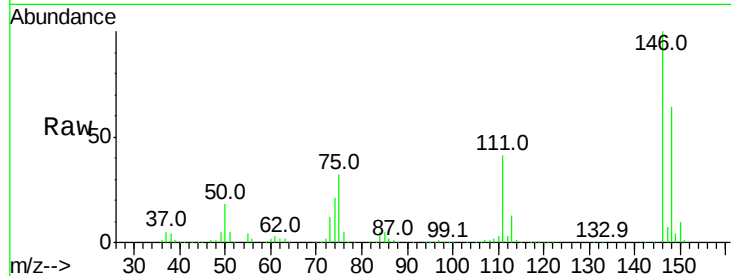
Tgt Ion:146 Resp: 483460

Ion Ratio Lower Upper

146 100

111 40.7 29.0 53.8

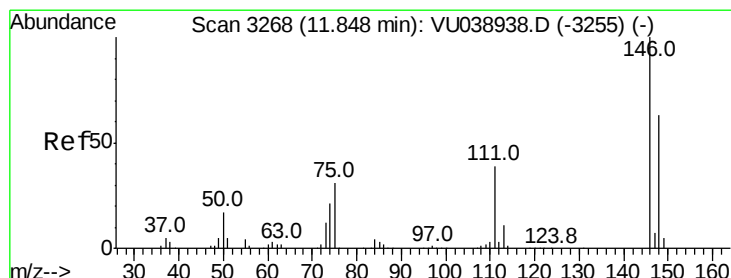
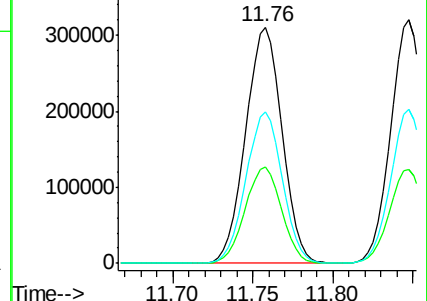
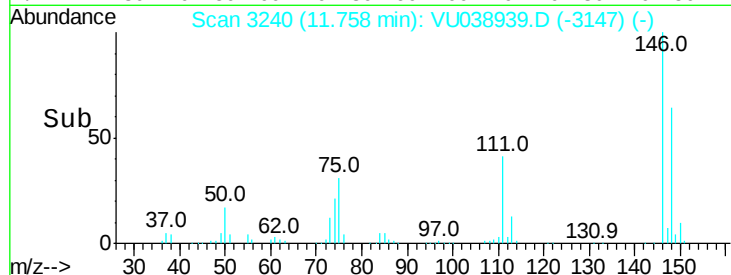
148 64.3 45.1 83.9



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: 9.673 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

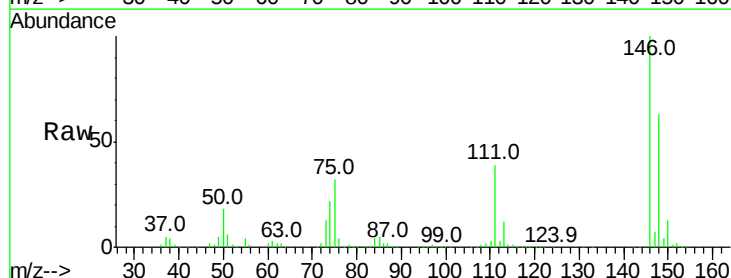
Tgt Ion:146 Resp: 487877

Ion Ratio Lower Upper

146 100

111 38.8 27.2 50.6

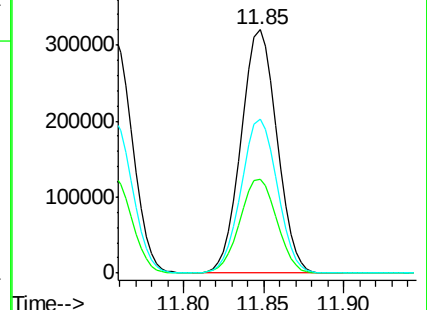
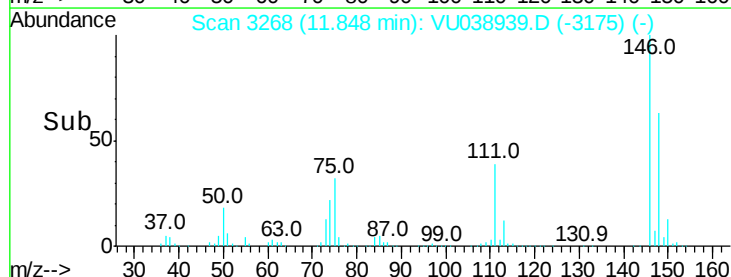
148 63.4 44.0 81.6

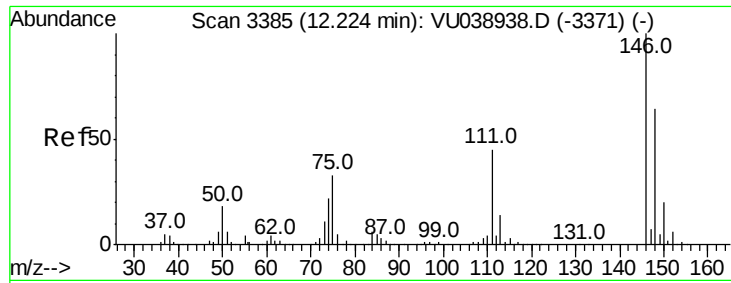


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

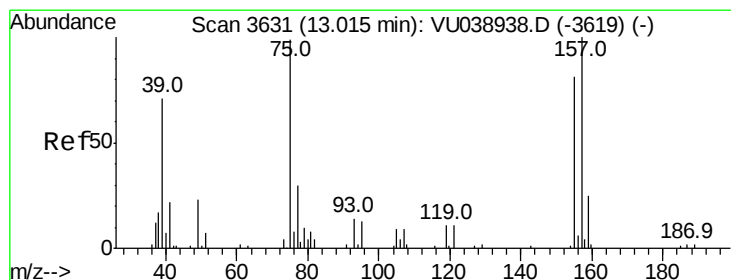
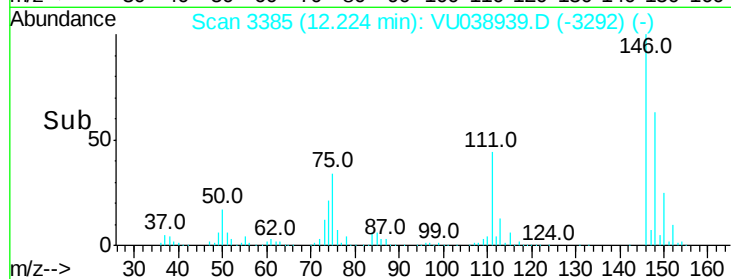
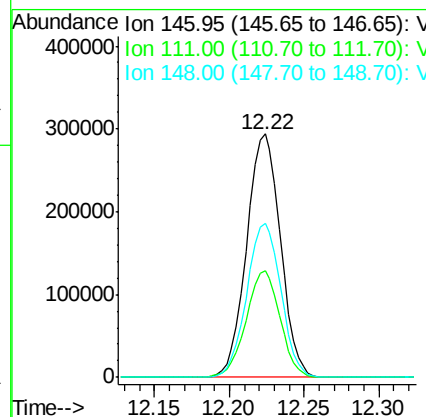
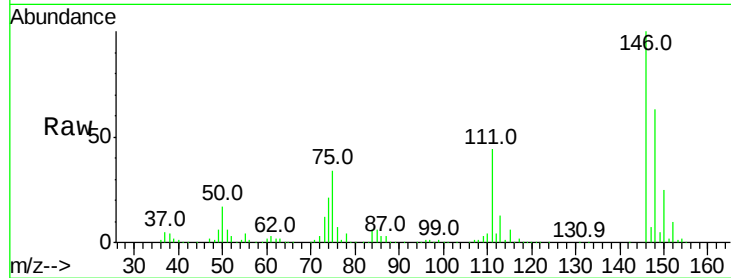




#65
 1,2-Dichlorobenzene
 Concen: 9.353 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

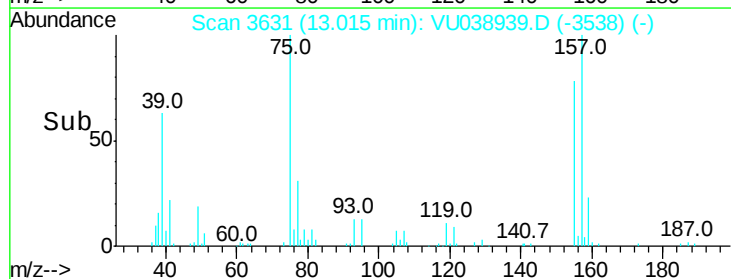
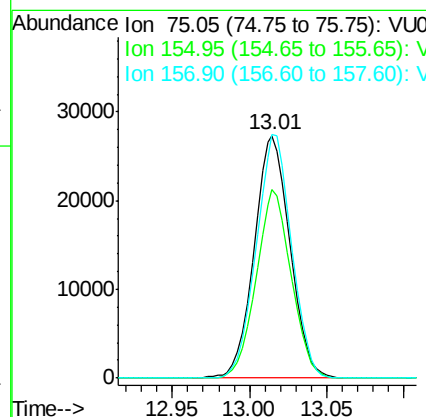
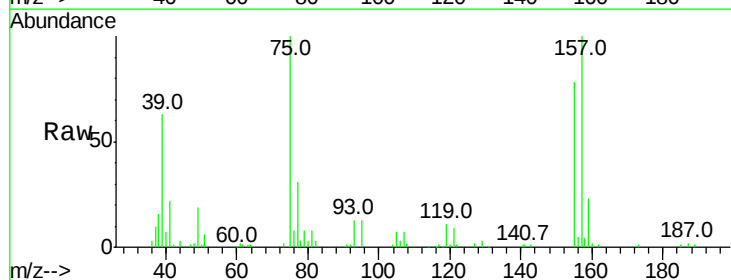
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

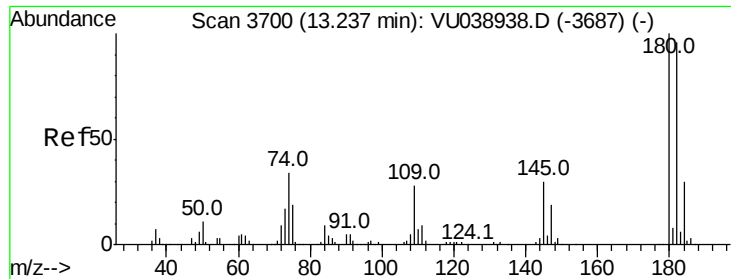
Tgt Ion:146 Resp: 462777
 Ion Ratio Lower Upper
 146 100
 111 43.6 35.7 53.5
 148 63.4 51.6 77.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 10.062 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion: 75 Resp: 44081
 Ion Ratio Lower Upper
 75 100
 155 77.9 65.4 98.2
 157 100.4 80.6 120.8

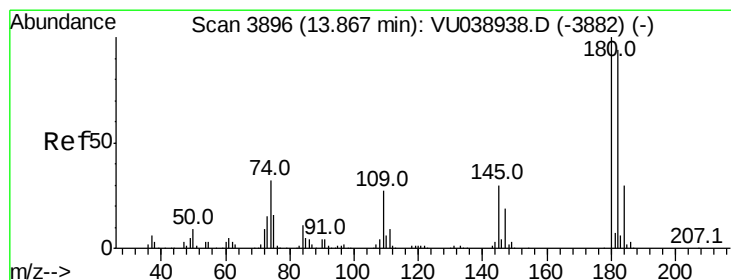
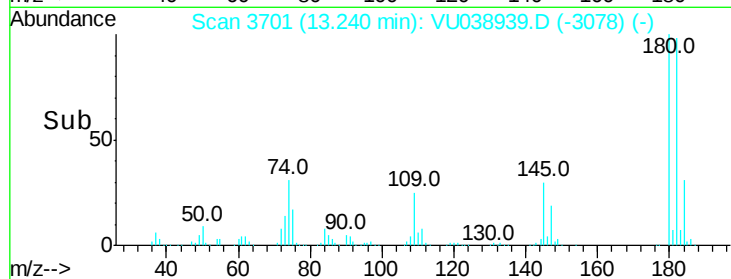
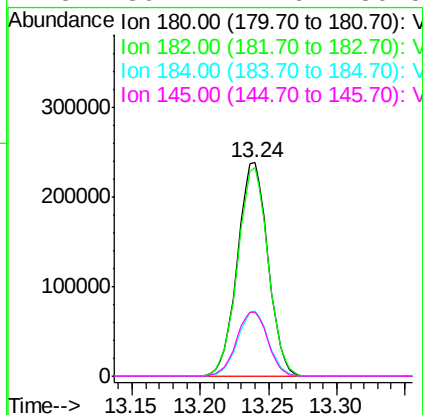
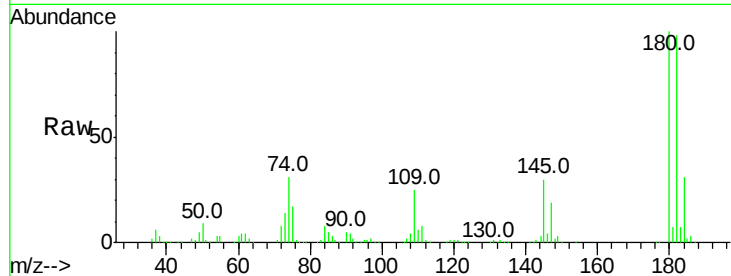




#67
 1,3,5-Trichlorobenzene
 Concen: 9.879 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

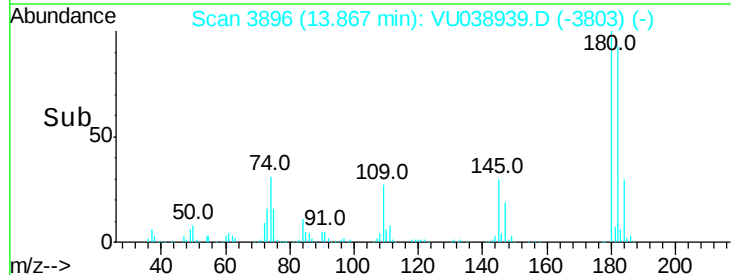
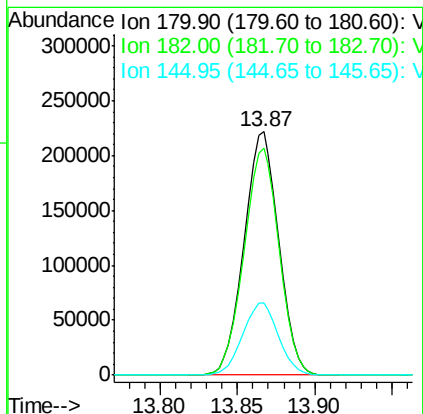
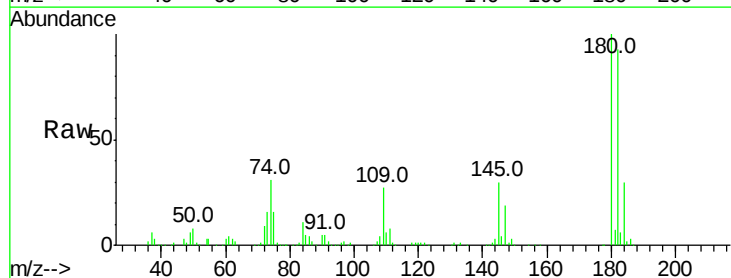
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

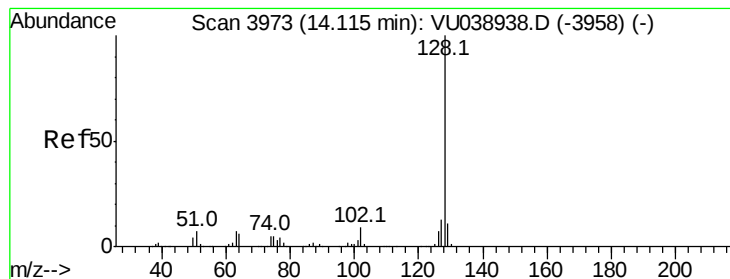
Tgt Ion:	180	Resp:	370600
Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.3	114.5
184	30.6	24.0	36.0
145	30.7	24.6	36.8



#68
 1,2,4-trichlorobenzene
 Concen: 11.029 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. -0.00 min
 Lab File: VU038939.D
 Acq: 17 Jun 2020 12:14

Tgt Ion:	180	Resp:	346563
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.2
145	30.4	24.7	37.1





#69

Naphthalene

Concen: 11.975 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

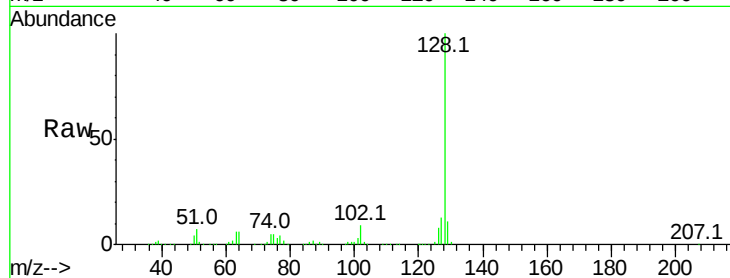
Tgt Ion:128 Resp: 707501

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

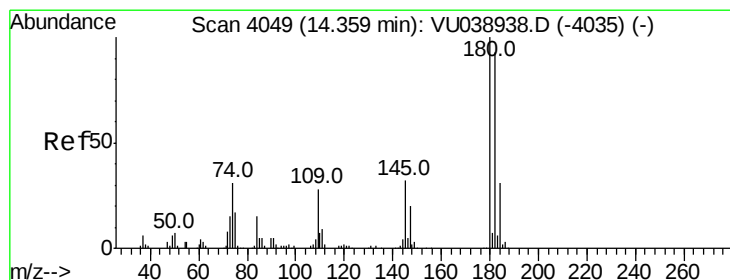
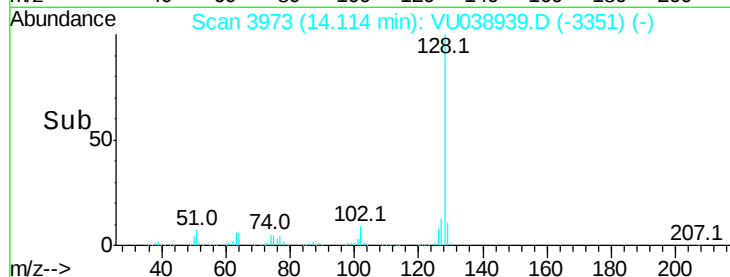
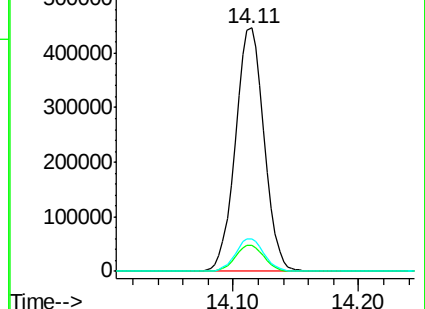
127 13.3 10.6 16.0



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: 11.163 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038939.D

Acq: 17 Jun 2020 12:14

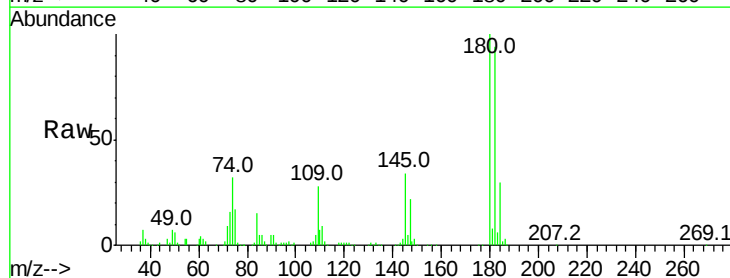
Tgt Ion:180 Resp: 328199

Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

145 33.5 27.2 40.8



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

