

Data File : VU038675.D
Acq On : 08 Jun 2020 17:23
Operator : SY/MD
Sample : VSTD200
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20034

Quant Time: Jun 08 17:42:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 08 16:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	642974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	644449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	337749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	716205	177.44	ug/L	0.00
7) Chloroethane-d5	1.92	69	472275	151.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	1523926	184.72	ug/L	0.00
21) 2-Butanone-d5	4.66	46	1433674	373.84	ug/L	0.00
24) Chloroform-d	5.10	84	1500255	189.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	966146	177.86	ug/L	0.00
32) Benzene-d6	5.76	84	2996758	178.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	932281	179.60	ug/L	0.00
41) Toluene-d8	7.92	98	2741432	185.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	507818	196.51	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	1111085	406.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	1512479	196.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	1151917	184.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	965314	199.456	ug/L	100
3) Chloromethane	1.53	50	912794	204.639	ug/L	99
5) Vinyl chloride	1.62	62	997017	202.331	ug/L	100
6) Bromomethane	1.87	94	527414	261.623	ug/L	99
8) Chloroethane	1.94	64	525121	174.402	ug/L	98
9) Trichlorofluoromethane	2.15	101	1342117	203.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	772750	195.703	ug/L	99
12) 1,1-Dichloroethene	2.60	96	783713	201.039	ug/L	98
13) Acetone	2.66	43	1028354	322.724	ug/L	98
14) Carbon disulfide	2.82	76	2566471	201.864	ug/L	99
15) Methyl Acetate	2.98	43	1149902	201.317	ug/L	100
16) Methylene chloride	3.08	84	913095	203.842	ug/L	99
17) trans-1,2-Dichloroethene	3.38	96	861840	205.818	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	2902582	216.166	ug/L	100
19) 1,1-Dichloroethane	3.91	63	1608173	202.799	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	954842	208.157	ug/L	99
22) 2-Butanone	4.74	43	1743104	390.171	ug/L	99
23) Bromochloromethane	5.01	128	471081	207.438	ug/L	99
25) Chloroform	5.12	83	1618253	198.441	ug/L	97
27) 1,2-Dichloroethane	5.83	62	1336423	202.398	ug/L	100
29) Cyclohexane	5.42	56	1450823	196.348	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	1433850	204.609	ug/L	99
31) Carbon tetrachloride	5.56	117	1195076	204.619	ug/L	100
33) Benzene	5.81	78	3610862	199.495	ug/L	100
34) Trichloroethene	6.57	95	925573	199.867	ug/L	99
35) Methylcyclohexane	6.79	83	1480709	203.652	ug/L	98
37) 1,2-Dichloropropane	6.82	63	952203	202.850	ug/L	99
38) Bromodichloromethane	7.13	83	1272795	211.584	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	1596931	213.788	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	3284696	439.992	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	3886509	204.528	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	1560699	223.208	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	925102	207.674	ug/L	98
46) Tetrachloroethene	8.57	164	679383	200.670	ug/L	99
48) 2-Hexanone	8.71	43	2742245	435.059	ug/L	100
49) Dibromochloromethane	8.83	129	1012445	224.474	ug/L	97
50) 1,2-Dibromoethane	8.94	107	1033494	215.847	ug/L	99
51) Chlorobenzene	9.47	112	2511852	205.678	ug/L	99
52) Ethylbenzene	9.59	91	4466509	209.779	ug/L	100
53) m,p-Xylene	9.71	106	1716016	210.753	ug/L	98
54) o-xylene	10.12	106	1681365	212.393	ug/L	100
55) Styrene	10.13	104	3004349	220.814	ug/L	100
56) Isopropylbenzene	10.50	105	4422453	213.776	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	1697806	222.719	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	1420881	216.459	ug/L	99
61) Bromoform	10.31	173	788328	232.330	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	2043196	206.932	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	2053671	204.627	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	2041735	208.524	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	462901	230.930	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	1517990	216.024	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	1496051	221.979	ug/L	99
69) Naphthalene	14.11	128	5546601	229.854	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	1471551	218.568	ug/L	100

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

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Instrument :
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ClientSampleId :
VSTD20034

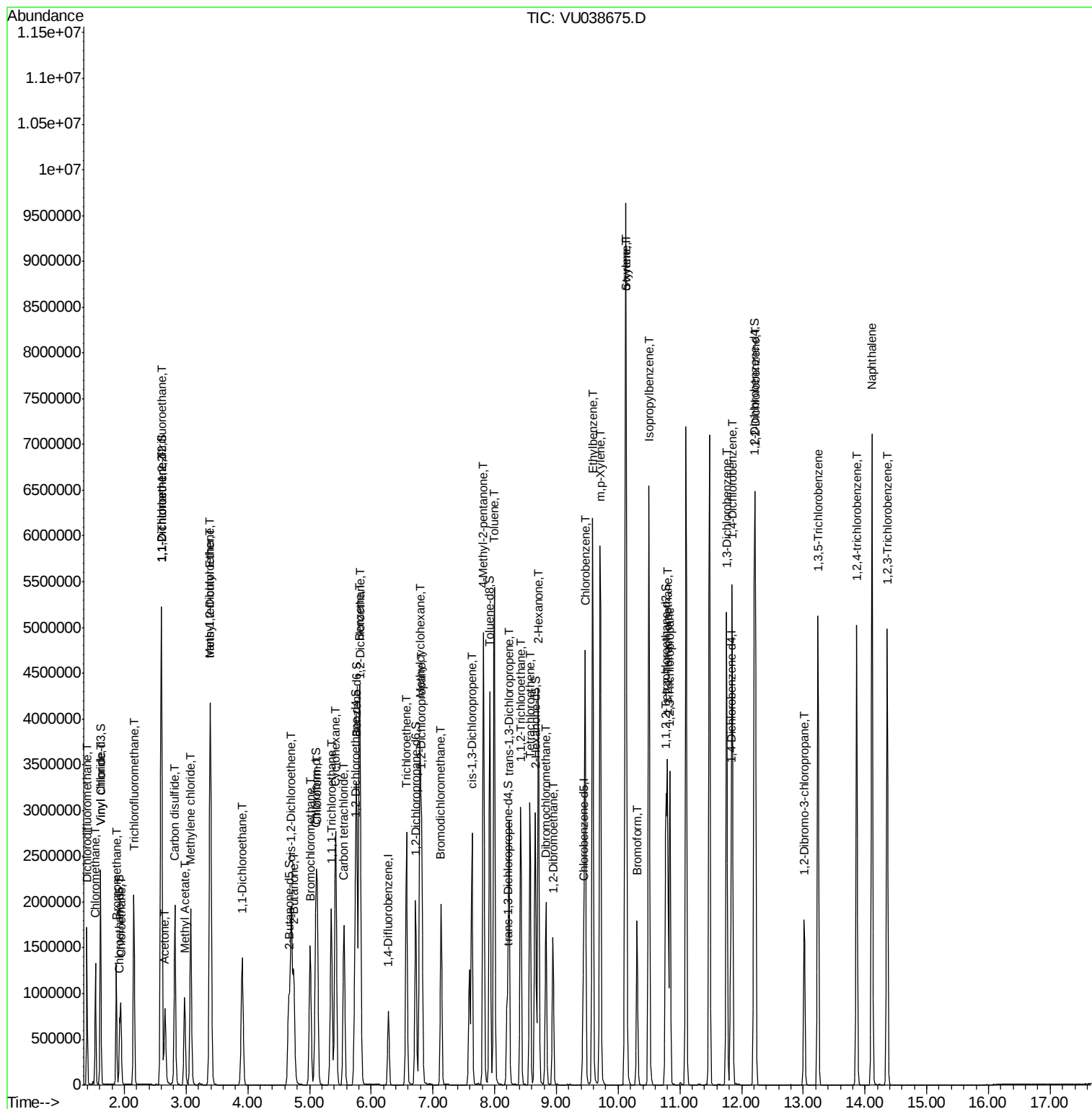
Quant Time: Jun 08 17:42:53 2020

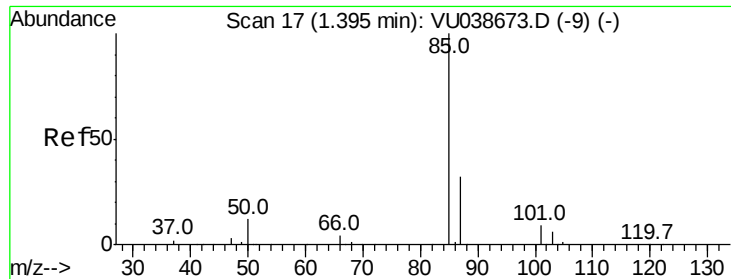
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M

Quant Title : VOC Analysis

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 199.456 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

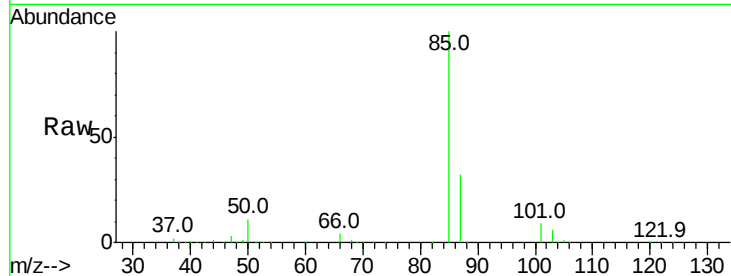
VSTD20034

Tgt Ion: 85 Resp: 965314

Ion Ratio Lower Upper

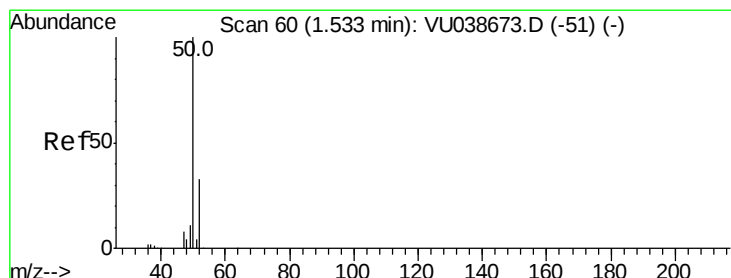
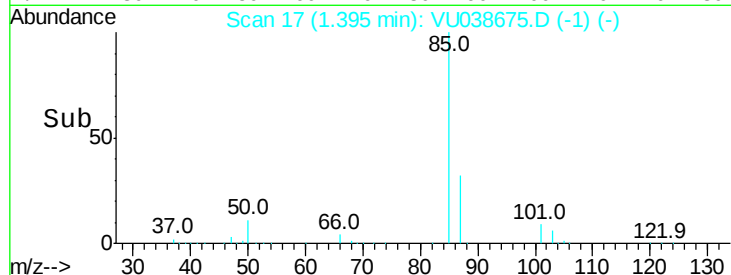
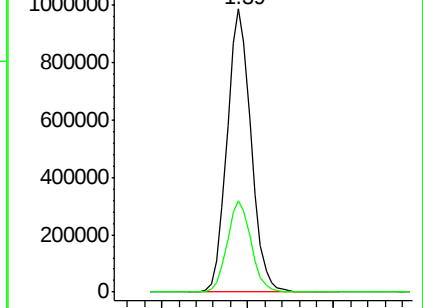
85 100

87 32.2 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU038675.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU038675.D (-9) (-)



#3

Chloromethane

Concen: 204.639 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038675.D

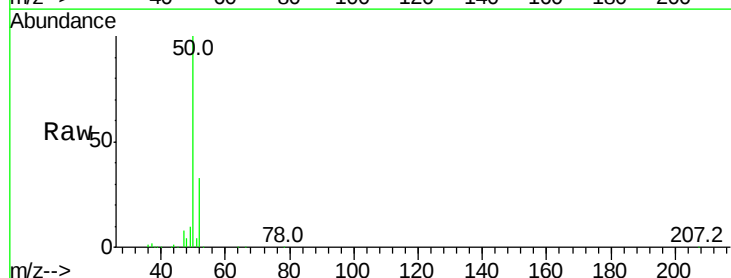
Acq: 08 Jun 2020 17:23

Tgt Ion: 50 Resp: 912794

Ion Ratio Lower Upper

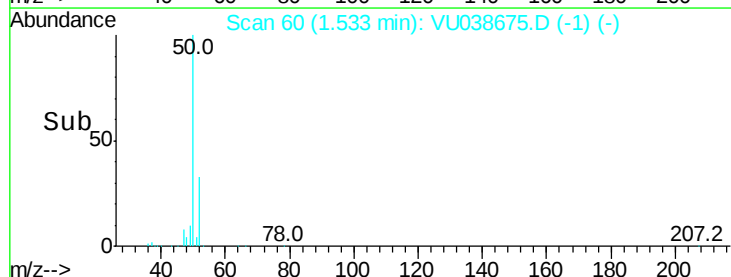
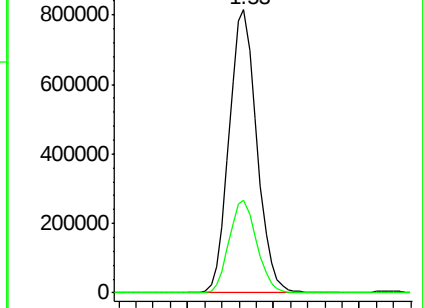
50 100

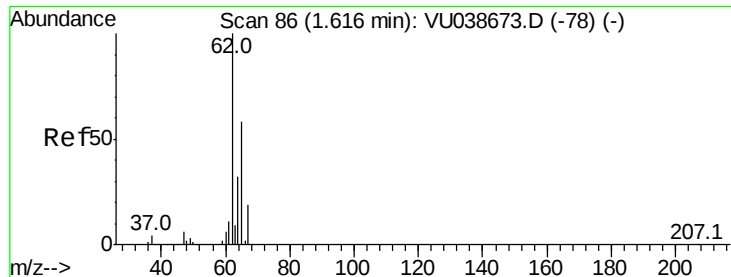
52 32.6 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU038675.D (-51) (-)

Ion 52.00 (51.70 to 52.70): VU038675.D (-51) (-)





#5

Vinyl chloride

Concen: 202.331 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

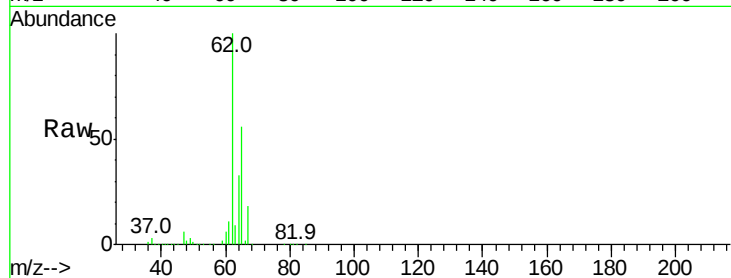
VSTD20034

Tgt Ion: 62 Resp: 997017

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU038675.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU038675.D (-78) (-)

1.62

1000000

800000

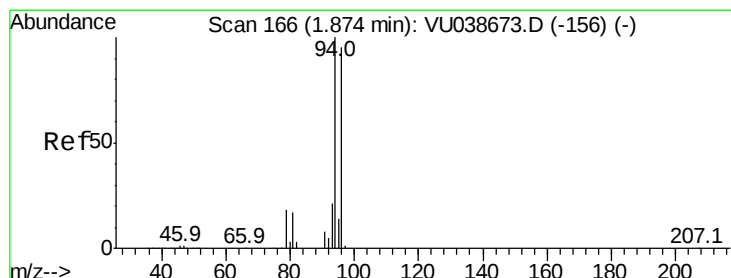
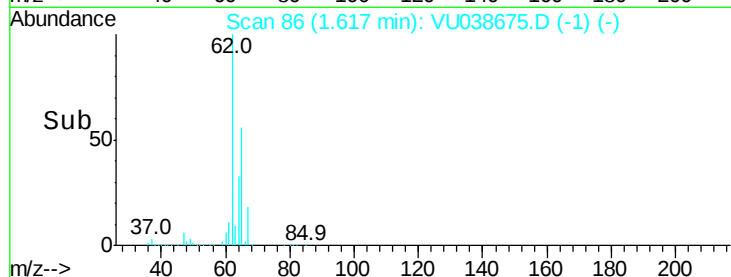
600000

400000

200000

0

Time-->



#6

Bromomethane

Concen: 261.623 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU038675.D

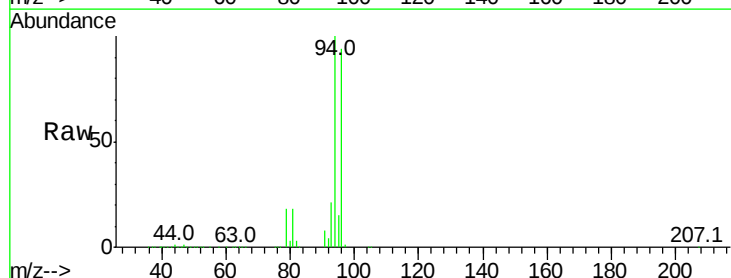
Acq: 08 Jun 2020 17:23

Tgt Ion: 94 Resp: 527414

Ion Ratio Lower Upper

94 100

96 94.1 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VU038675.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU038675.D (-156) (-)

1.87

500000

400000

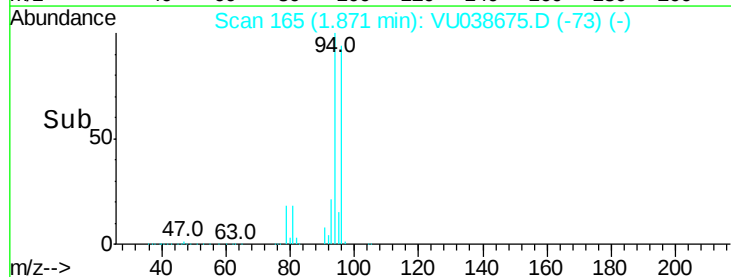
300000

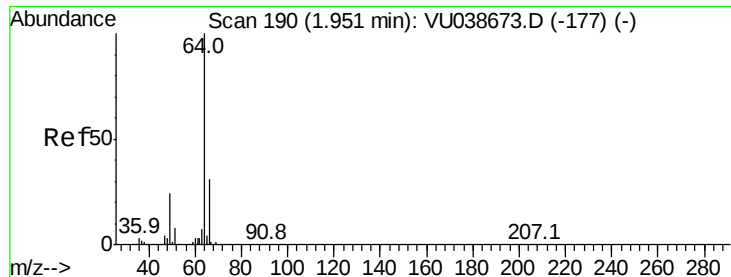
200000

100000

0

Time-->





#8

Chloroethane

Concen: 174.402 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

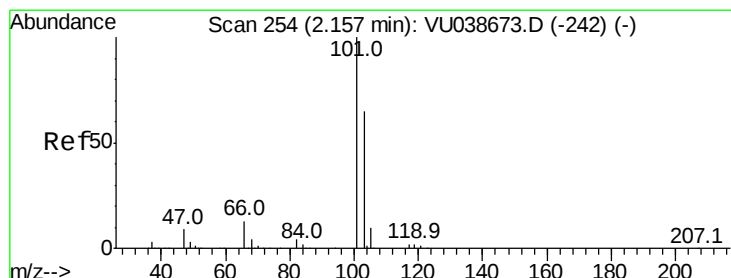
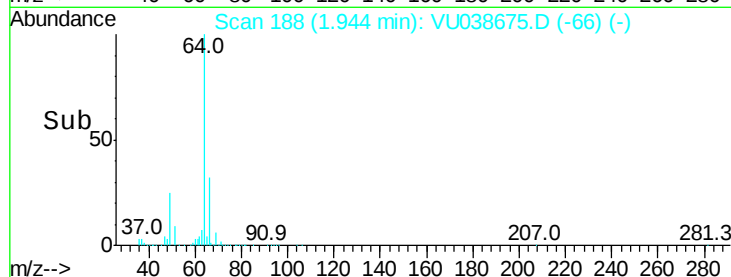
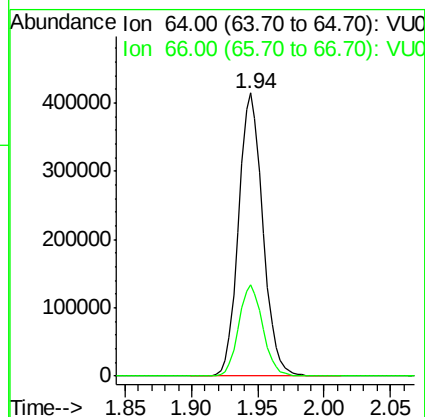
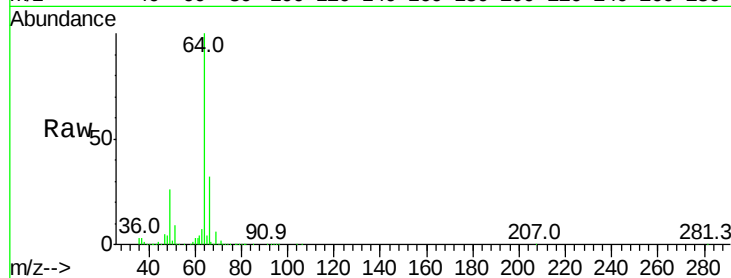
VSTD20034

Tgt Ion: 64 Resp: 525121

Ion Ratio Lower Upper

64 100

66 32.2 21.6 40.2



#9

Trichlorofluoromethane

Concen: 203.228 ug/L

RT: 2.15 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU038675.D

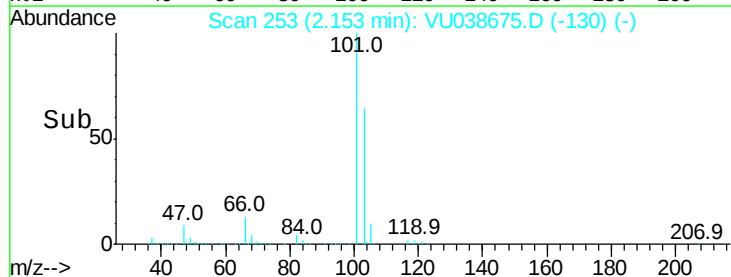
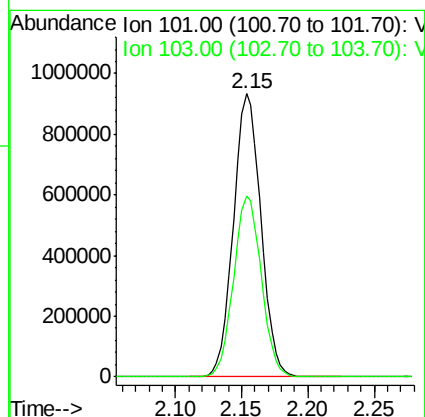
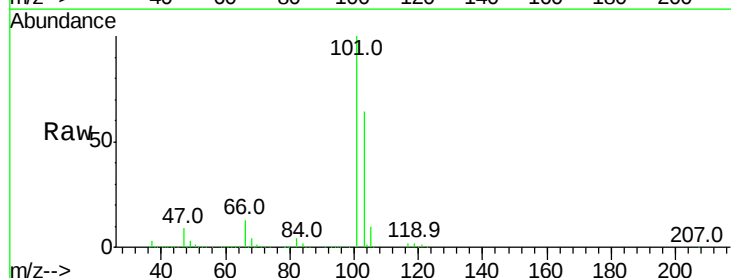
Acq: 08 Jun 2020 17:23

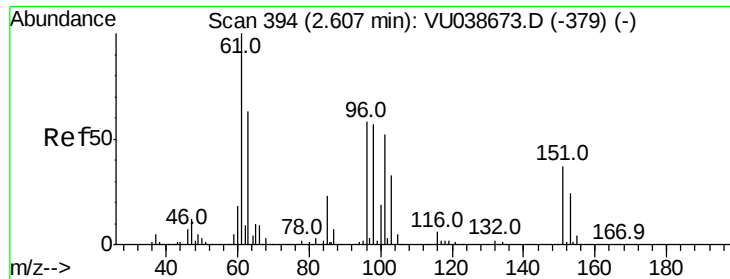
Tgt Ion: 101 Resp: 1342117

Ion Ratio Lower Upper

101 100

103 64.4 51.7 77.5





#10

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

Concen: 195.703 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD20034

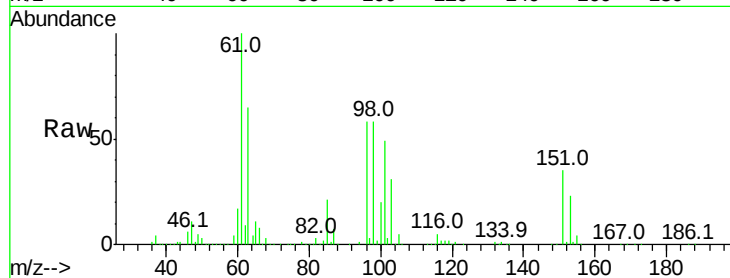
Tgt Ion: 101 Resp: 772750

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

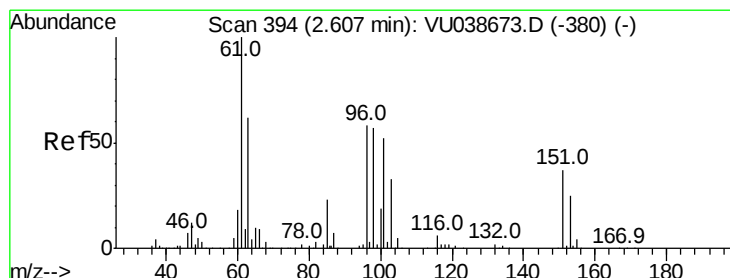
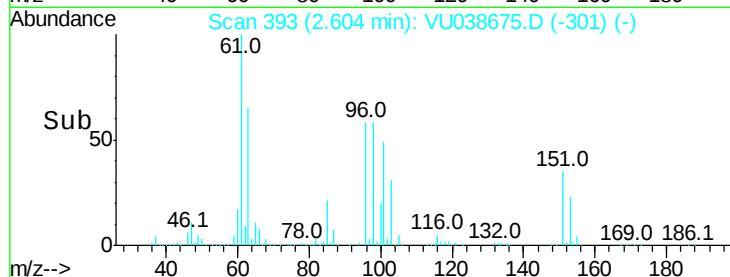
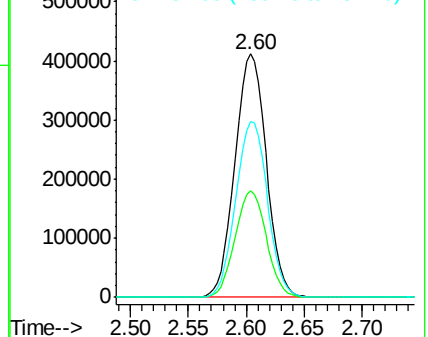
151 73.1 57.4 86.0



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: 201.039 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

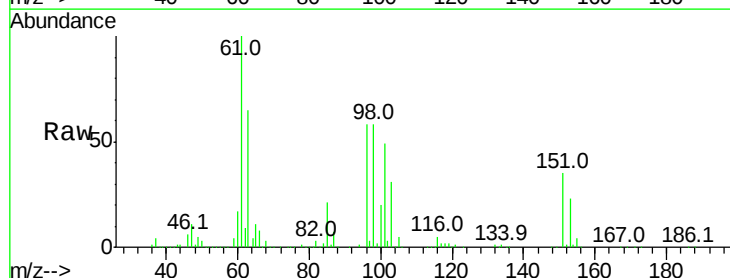
Tgt Ion: 96 Resp: 783713

Ion Ratio Lower Upper

96 100

61 172.8 120.0 223.0

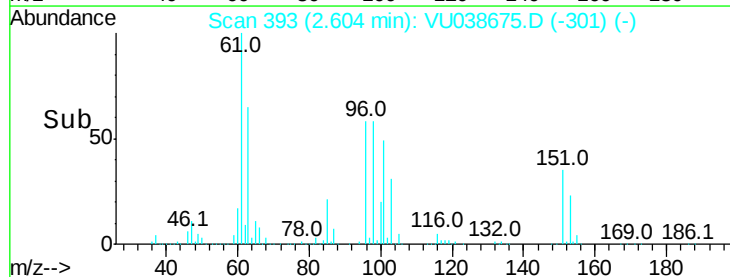
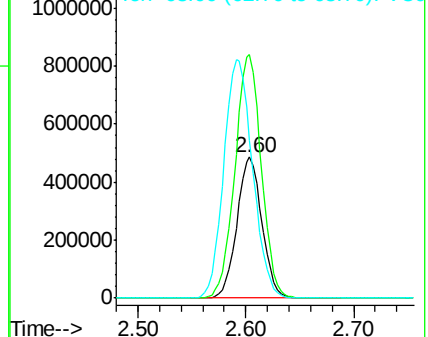
63 112.2 75.8 140.8

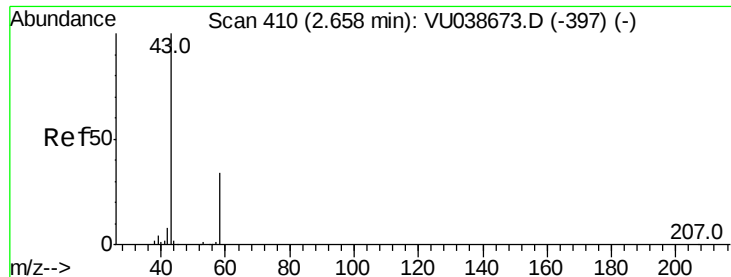


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 322.724 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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ClientSampleId :

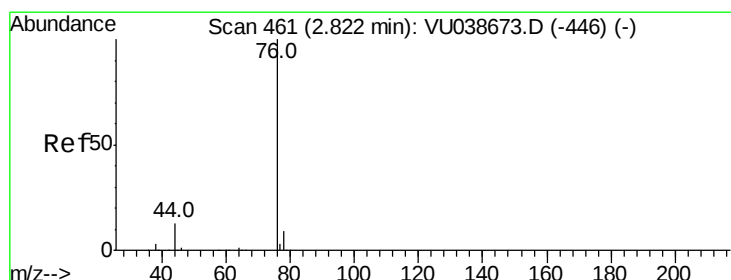
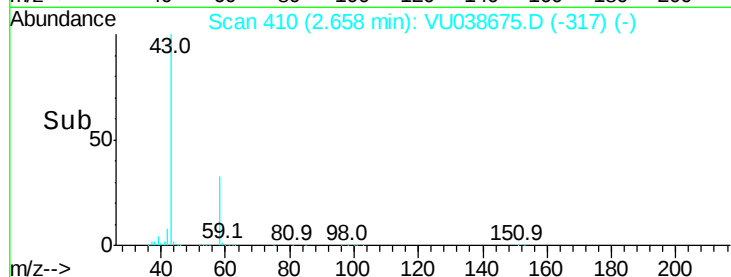
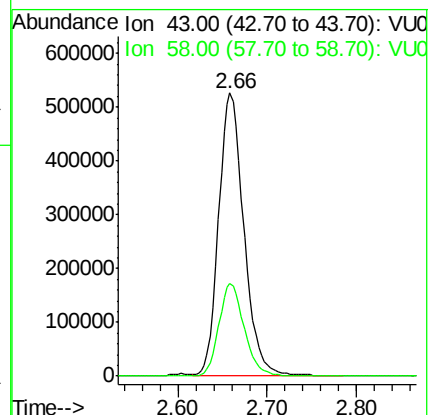
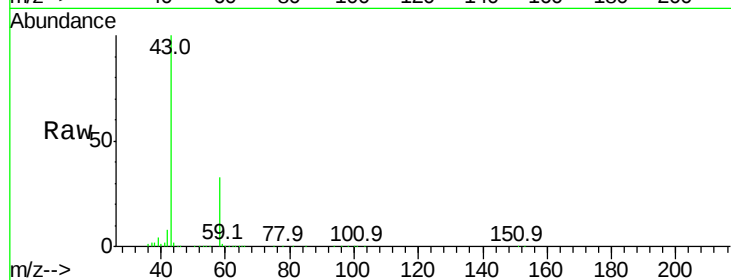
VSTD20034

Tgt Ion: 43 Resp: 1028354

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.6



#14

Carbon disulfide

Concen: 201.864 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038675.D

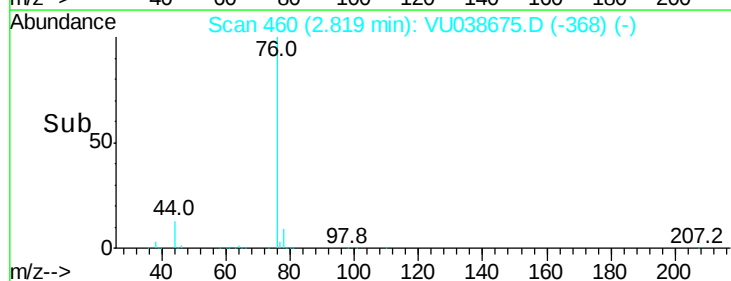
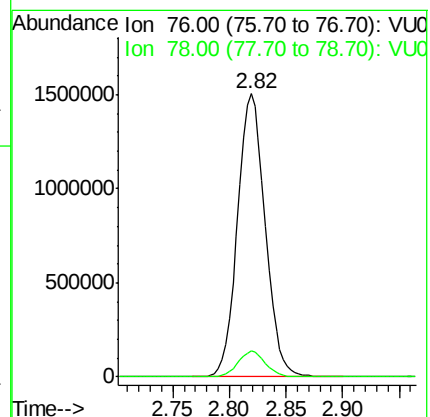
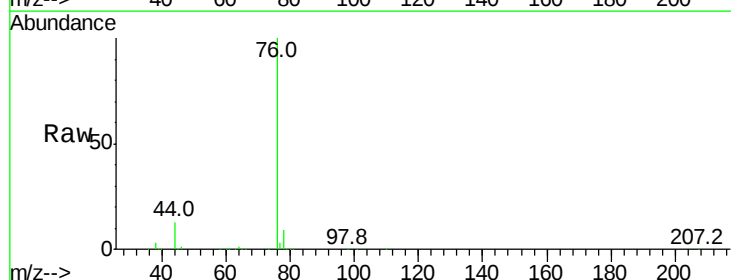
Acq: 08 Jun 2020 17:23

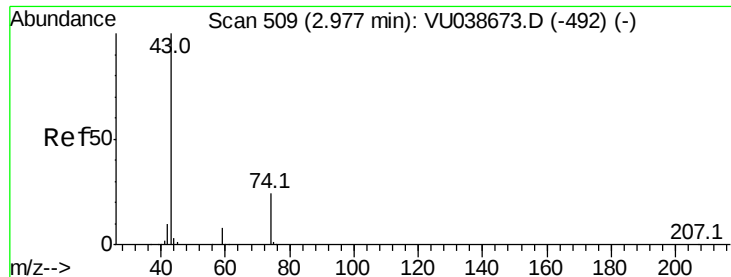
Tgt Ion: 76 Resp: 2566471

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 201.317 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

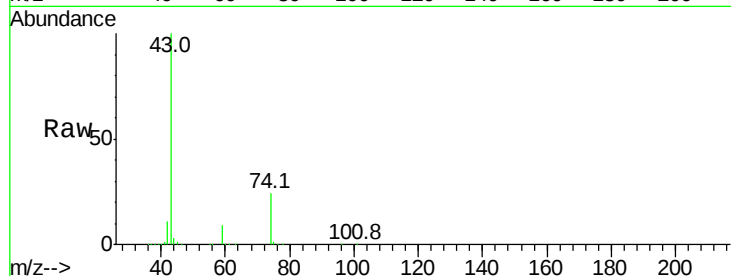
VSTD20034

Tgt Ion: 43 Resp: 1149902

Ion Ratio Lower Upper

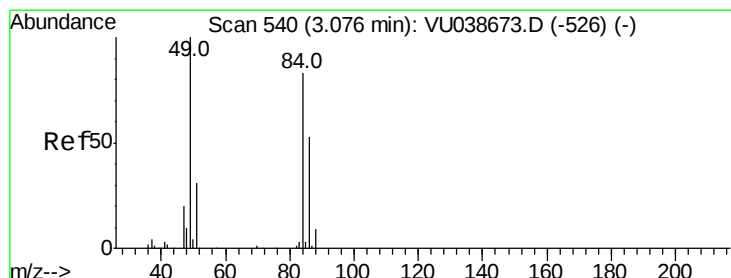
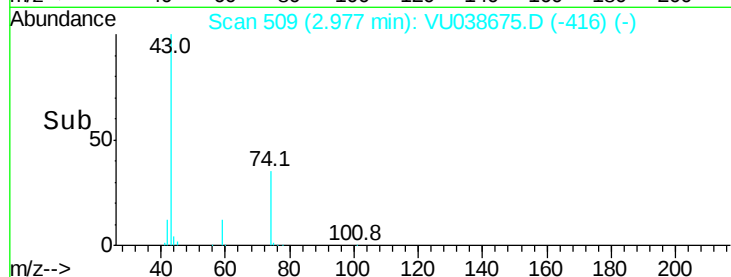
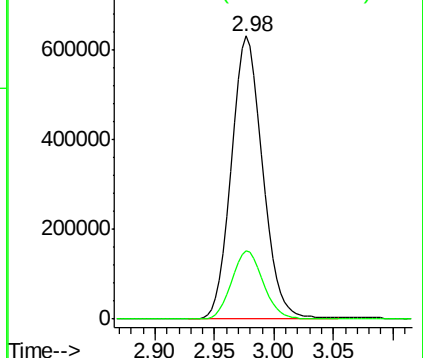
43 100

74 24.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#16

Methylene chloride

Concen: 203.842 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

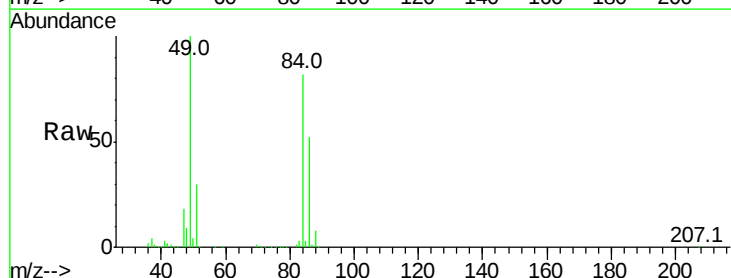
Tgt Ion: 84 Resp: 913095

Ion Ratio Lower Upper

84 100

86 63.9 44.7 83.1

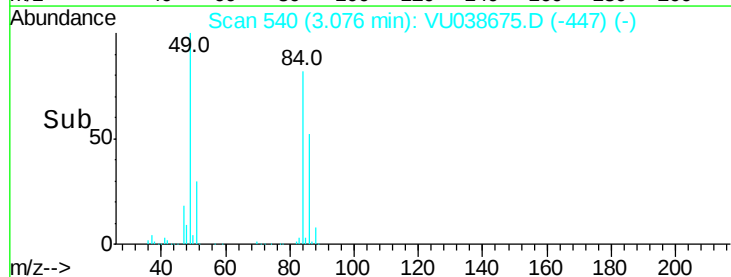
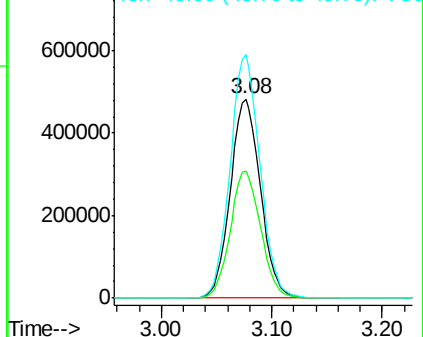
49 122.3 84.5 156.9

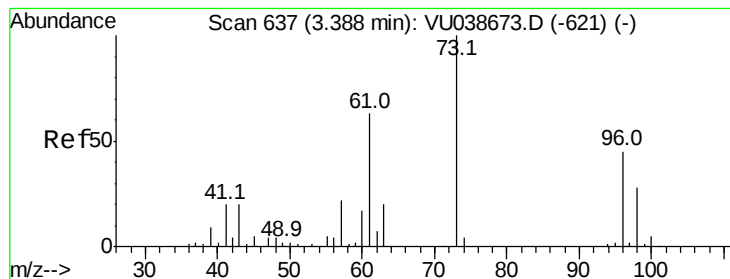


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 205.818 ug/L

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD20034

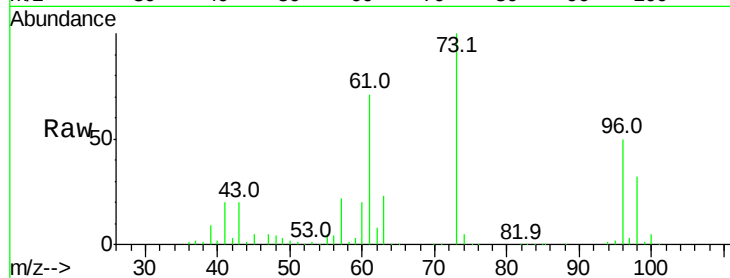
Tgt Ion: 96 Resp: 861840

Ion Ratio Lower Upper

96 100

61 141.3 98.2 182.4

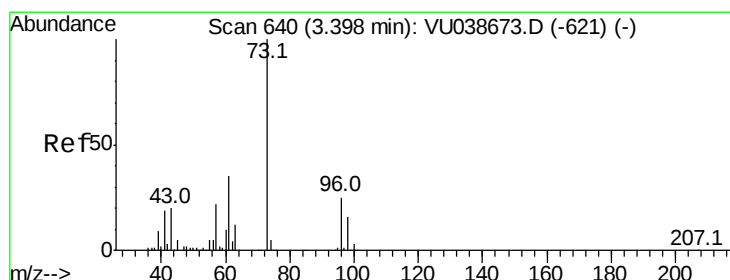
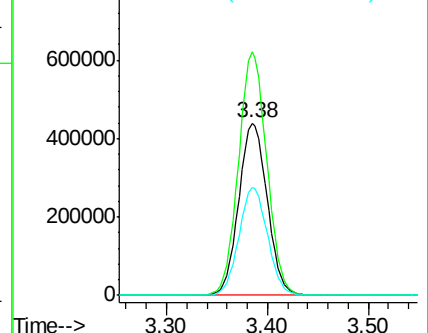
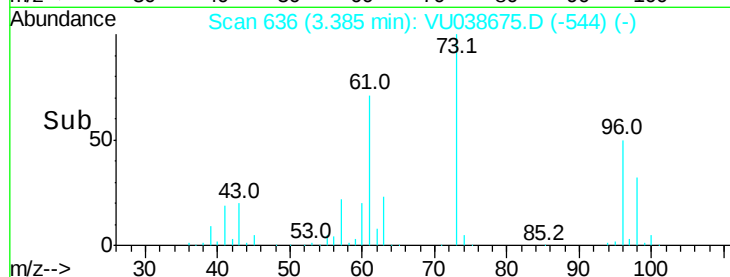
98 63.0 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU038673.D (-621) (-)

Ion 61.00 (60.70 to 61.70): VU038673.D (-621) (-)

Ion 98.00 (97.70 to 98.70): VU038673.D (-621) (-)



#18

Methyl tert-butyl Ether

Concen: 216.166 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

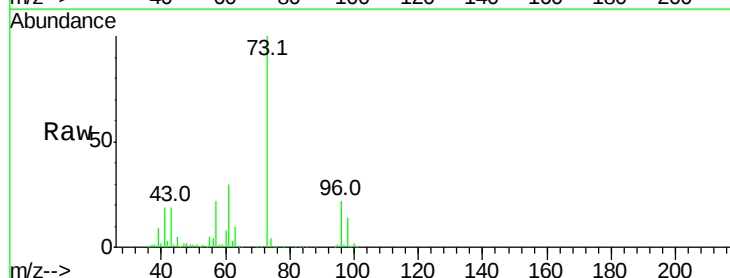
Tgt Ion: 73 Resp: 2902582

Ion Ratio Lower Upper

73 100

43 19.4 15.6 23.4

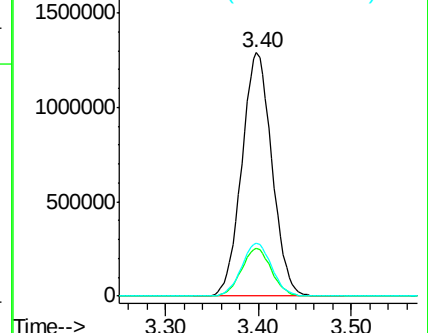
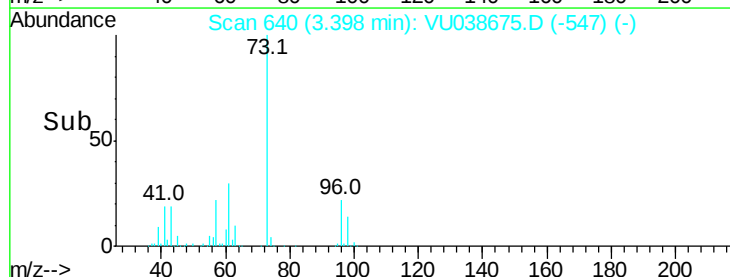
57 21.8 17.2 25.8

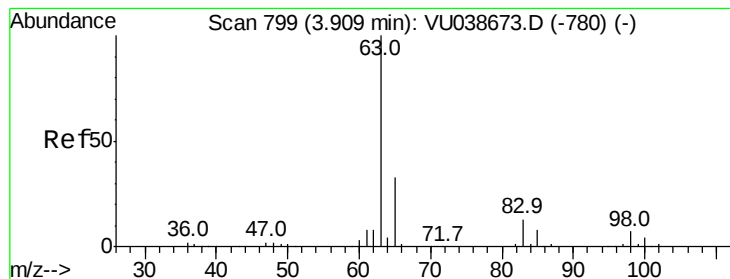


Abundance Ion 73.00 (72.70 to 73.70): VU038673.D (-621) (-)

Ion 43.00 (42.70 to 43.70): VU038673.D (-621) (-)

Ion 57.00 (56.70 to 57.70): VU038673.D (-621) (-)



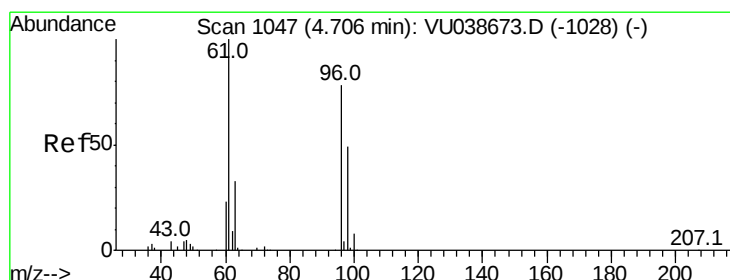
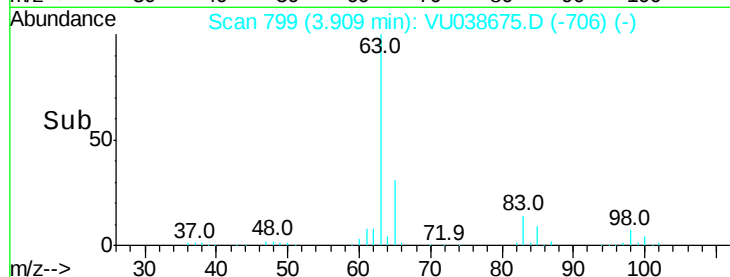
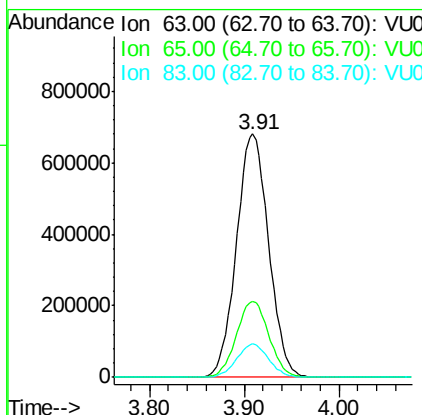
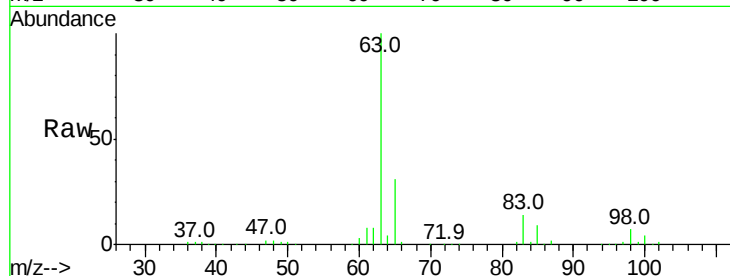


#19
 1,1-Dichloroethane
 Concen: 202.799 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Tgt Ion: 63 Resp: 1608173

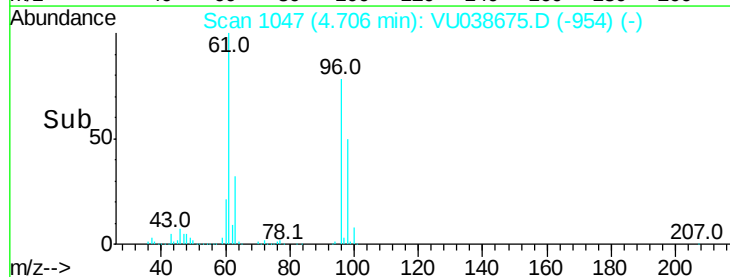
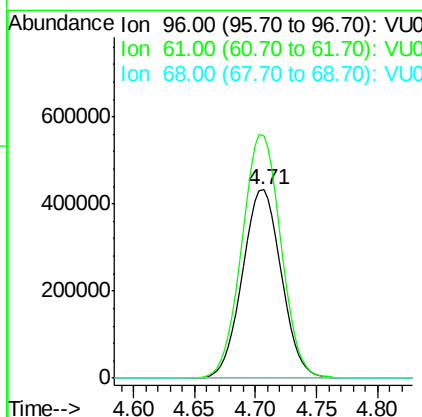
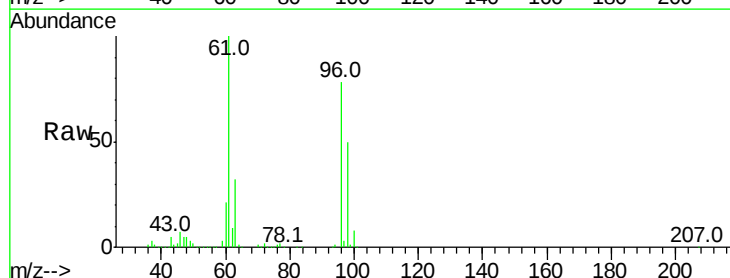
Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.0	42.8
83	13.8	9.2	17.2

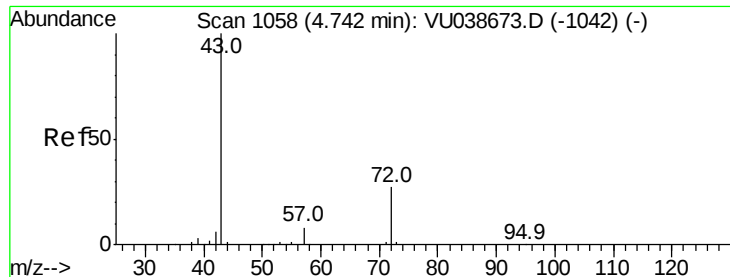


#20
 cis-1,2-Dichloroethene
 Concen: 208.157 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Tgt Ion: 96 Resp: 954842

Ion	Ratio	Lower	Upper
96	100		
61	128.9	89.5	166.1
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 390.171 ug/L

RT: 4.74 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

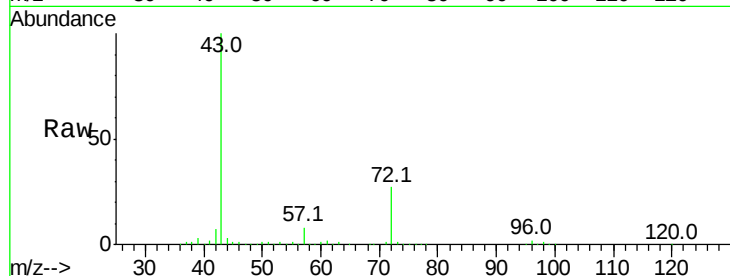
VSTD20034

Tgt Ion: 43 Resp: 1743104

Ion Ratio Lower Upper

43 100

72 27.9 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VU038675.D (-1042) (-)

Ion 72.00 (71.70 to 72.70): VU038675.D (-1042) (-)

4.74

800000

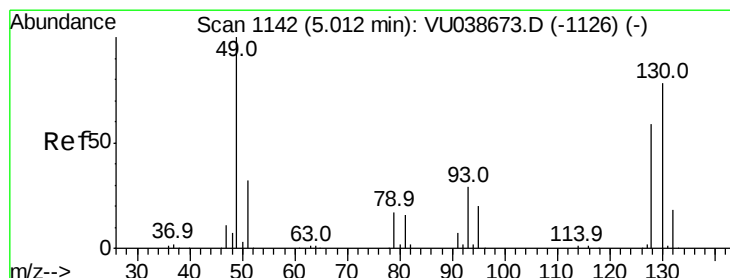
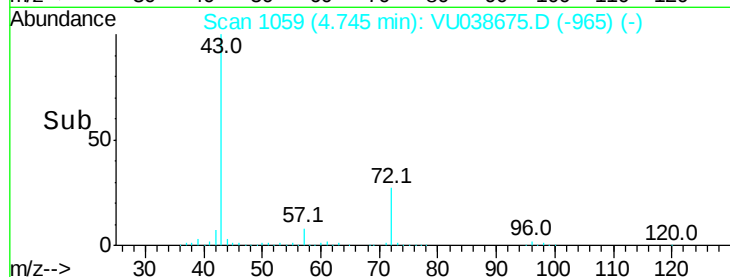
600000

400000

200000

0

Time--> 4.60 4.70 4.80 4.90



#23

Bromochloromethane

Concen: 207.438 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Tgt Ion: 128 Resp: 471081

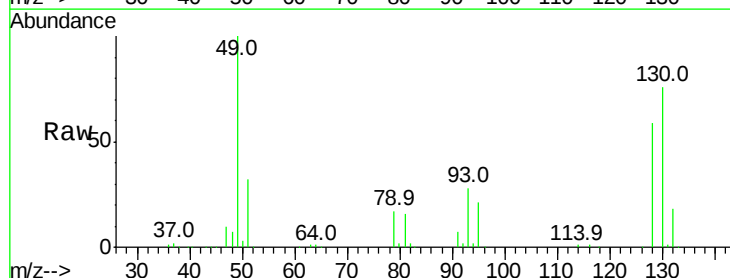
Ion Ratio Lower Upper

128 100

49 169.6 118.6 220.2

130 129.7 92.5 171.7

51 54.0 43.1 64.7



Abundance Ion 128.00 (127.70 to 128.70): VU038675.D (-1049) (-)

Ion 49.00 (48.70 to 49.70): VU038675.D (-1049) (-)

Ion 130.00 (129.70 to 130.70): VU038675.D (-1049) (-)

Ion 51.00 (50.70 to 51.70): VU038675.D (-1049) (-)

5.01

500000

400000

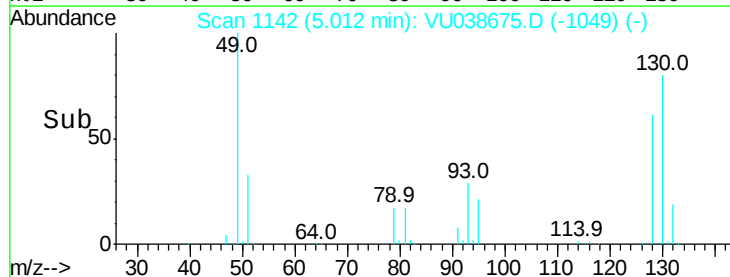
300000

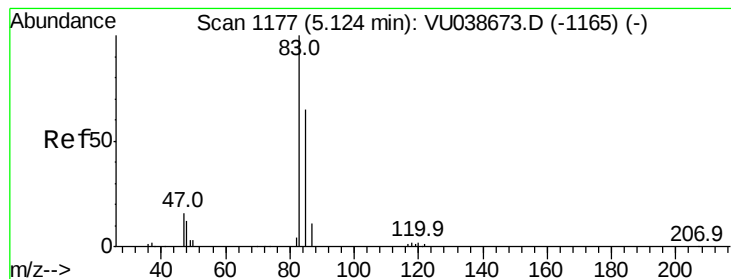
200000

100000

0

Time--> 4.90 4.95 5.00 5.05 5.10





#25

Chloroform

Concen: 198.441 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

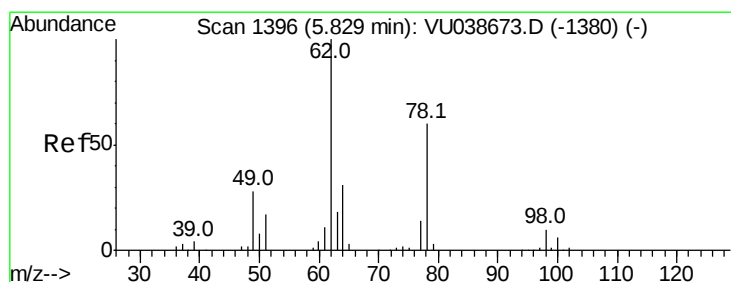
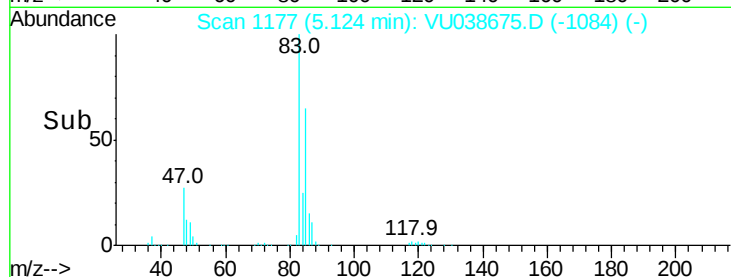
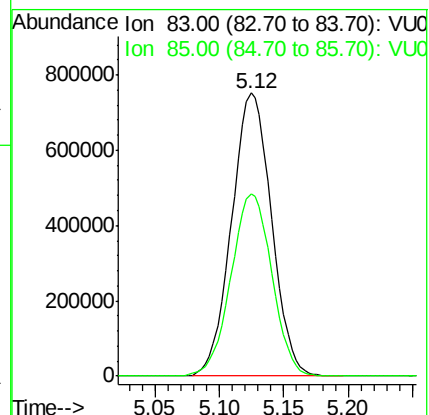
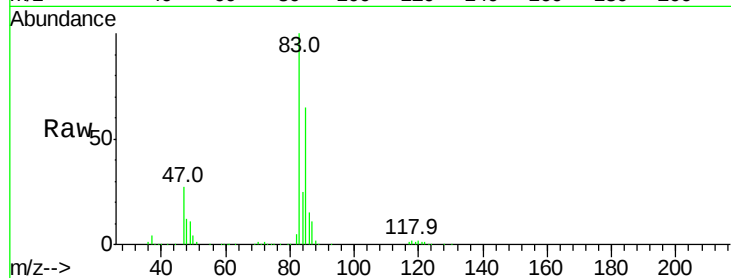
VSTD20034

Tgt Ion: 83 Resp: 1618253

Ion Ratio Lower Upper

83 100

85 64.5 47.0 87.4



#27

1,2-Dichloroethane

Concen: 202.398 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038675.D

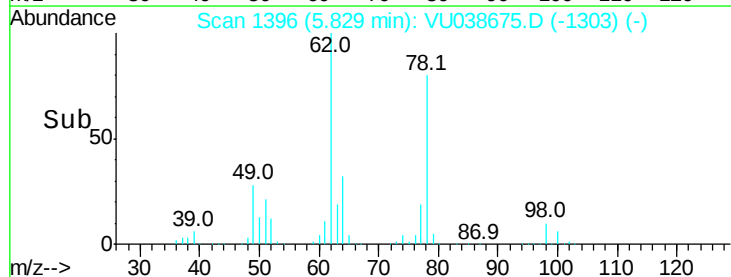
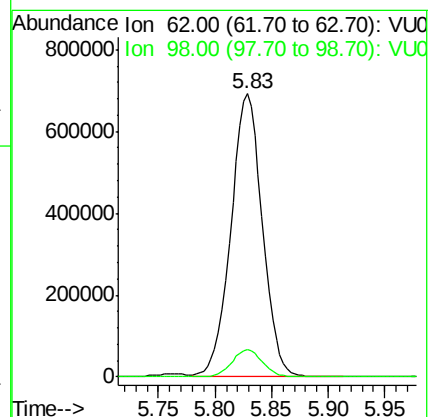
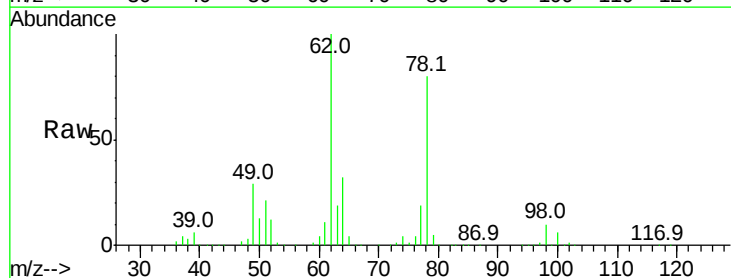
Acq: 08 Jun 2020 17:23

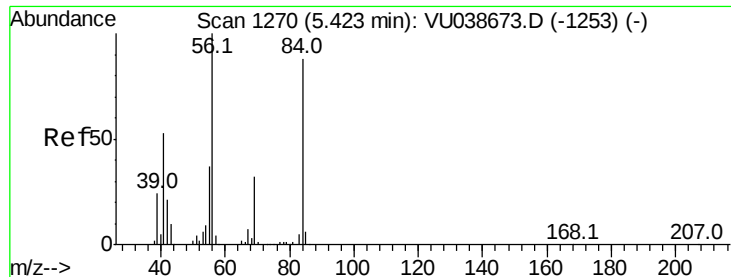
Tgt Ion: 62 Resp: 1336423

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.6

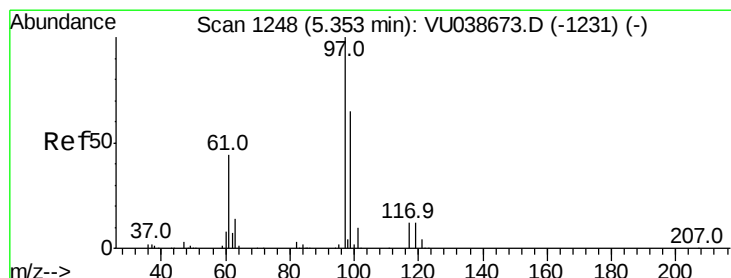
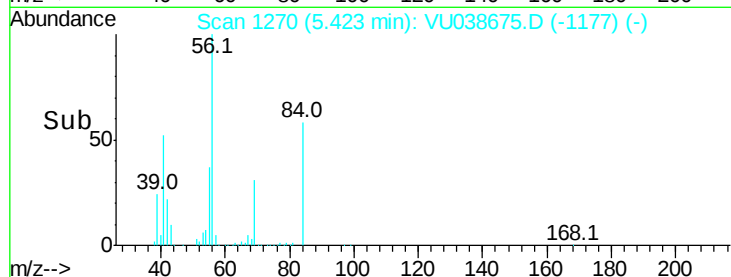
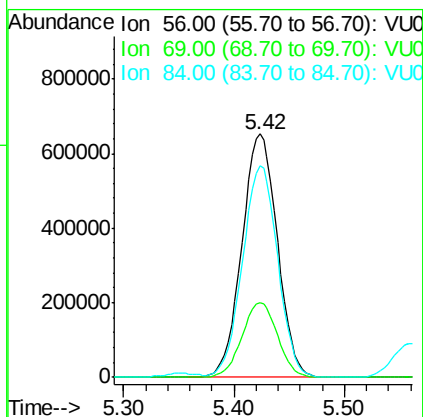
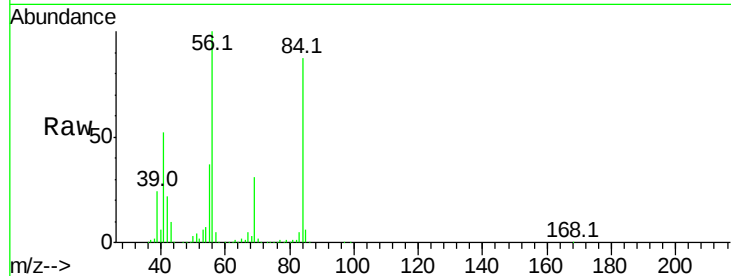




#29
Cyclohexane
Concen: 196.348 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038675.D
Acq: 08 Jun 2020 17:23

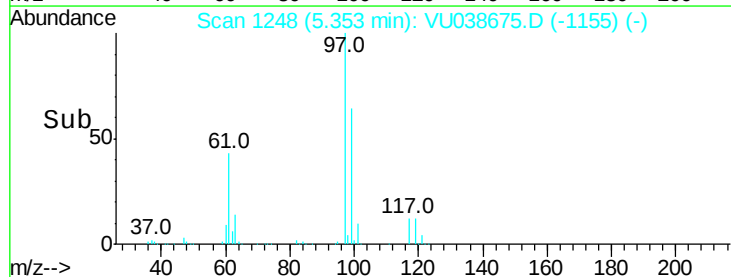
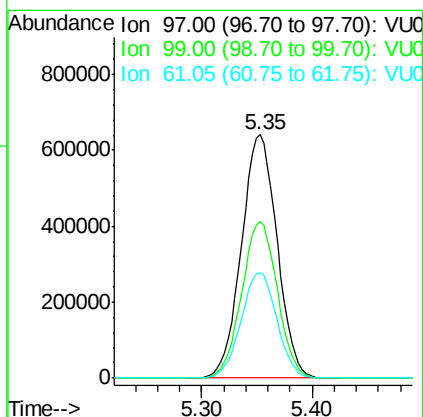
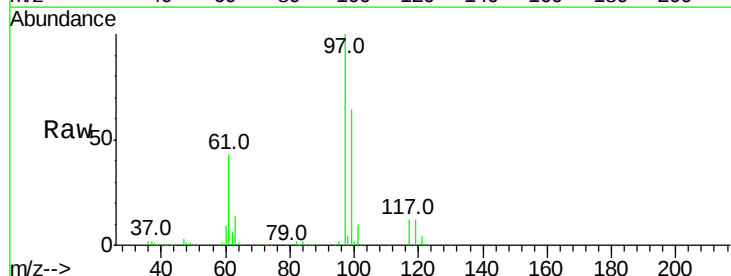
Instrument :
MSVOA_U
ClientSampleId :
VSTD20034

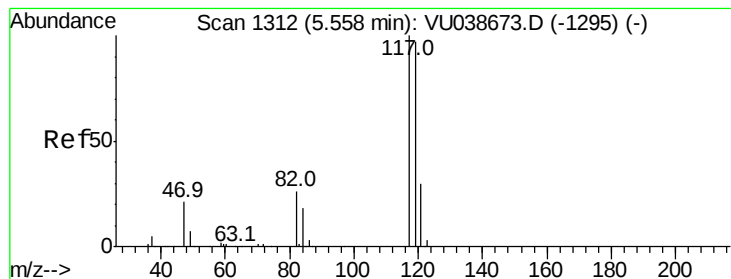
Tgt Ion: 56 Resp: 1450823
Ion Ratio Lower Upper
56 100
69 30.8 25.1 37.7
84 86.6 70.5 105.7



#30
1,1,1-Trichloroethane
Concen: 204.609 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038675.D
Acq: 08 Jun 2020 17:23

Tgt Ion: 97 Resp: 1433850
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.5 35.2 52.8





#31

Carbon tetrachloride

Concen: 204.619 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

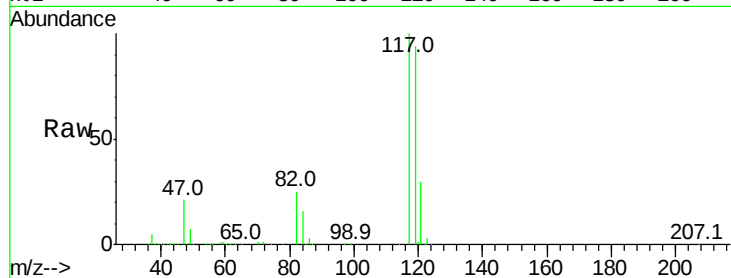
VSTD20034

Tgt Ion:117 Resp: 1195076

Ion Ratio Lower Upper

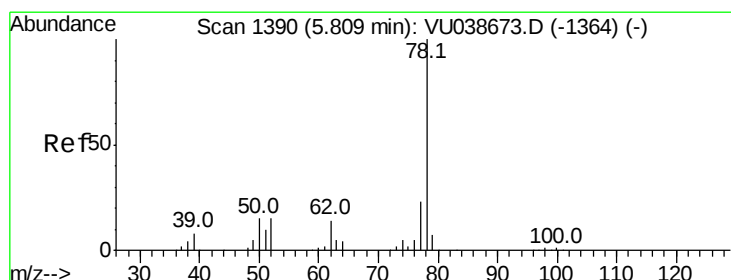
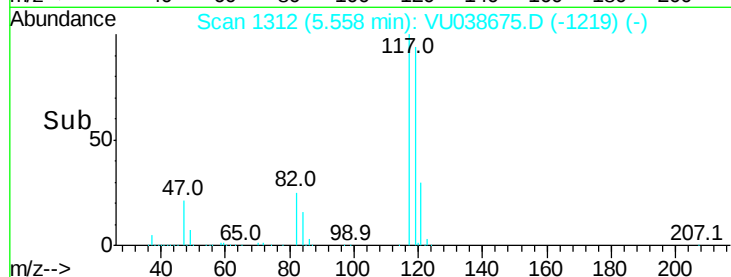
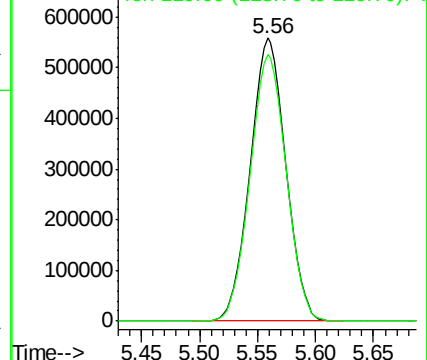
117 100

119 95.7 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 199.495 ug/L

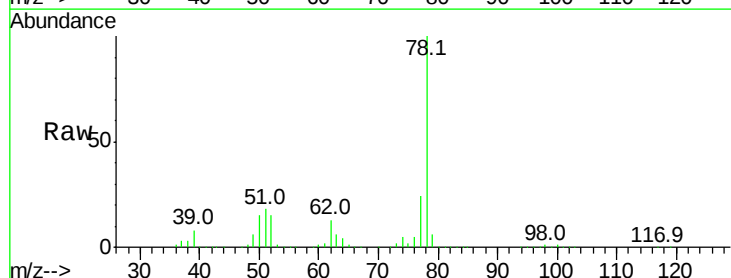
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

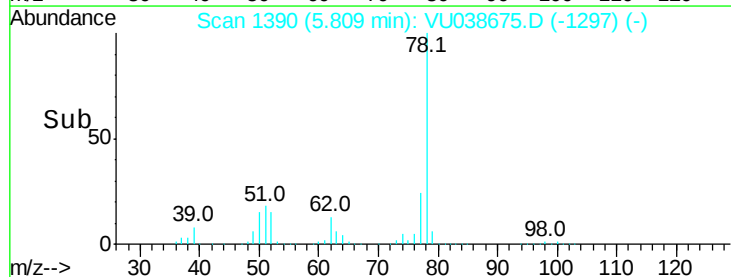
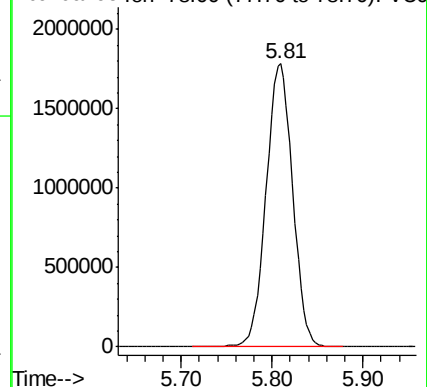
Lab File: VU038675.D

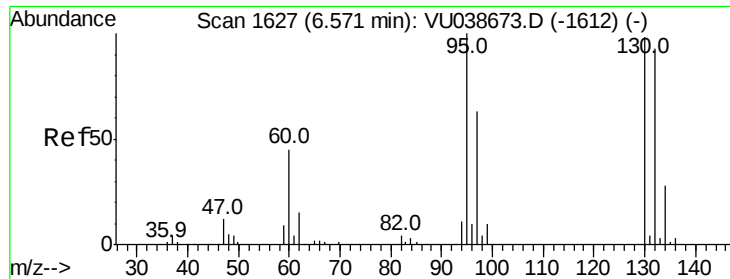
Acq: 08 Jun 2020 17:23

Tgt Ion: 78 Resp: 3610862



Abundance Ion 78.00 (77.70 to 78.70): VU0

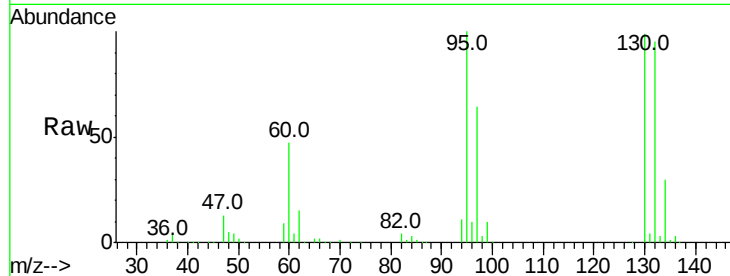




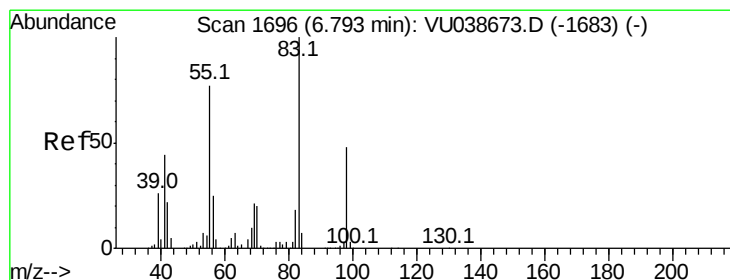
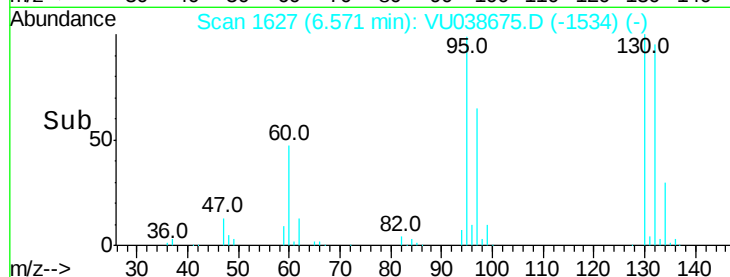
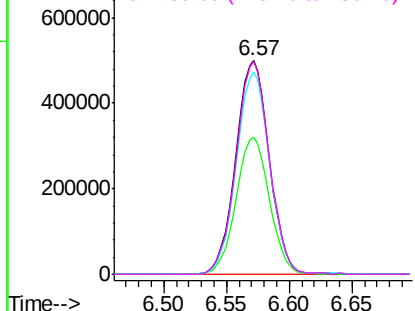
#34
 Trichloroethene
 Concen: 199.867 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Tgt Ion:	95	Resp:	925573
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	94.7	64.9	120.5
130	99.3	68.6	127.4

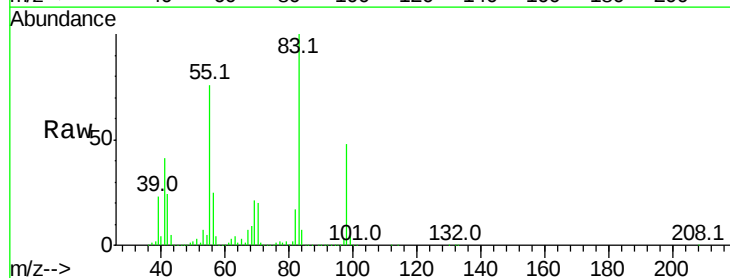


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

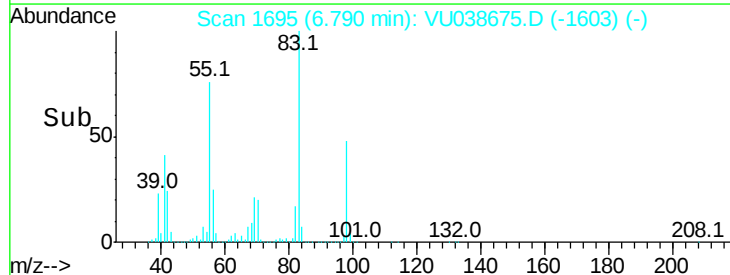
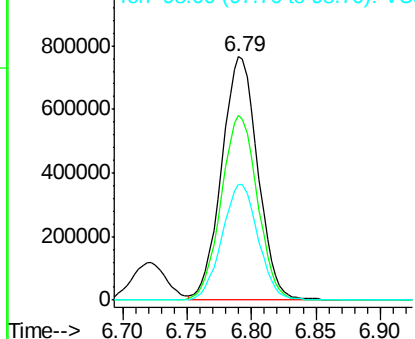


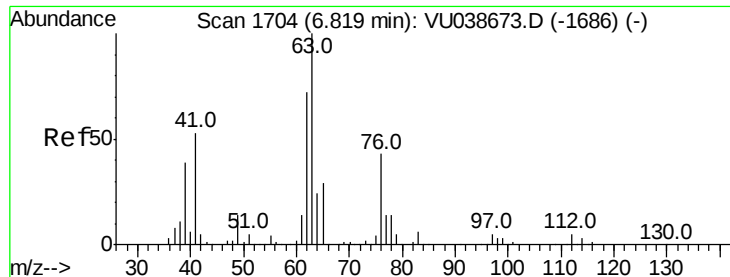
#35
 Methylcyclohexane
 Concen: 203.652 ug/L
 RT: 6.79 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Tgt Ion:	83	Resp:	1480709
Ion	Ratio	Lower	Upper
83	100		
55	76.3	63.2	94.8
98	47.6	38.4	57.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

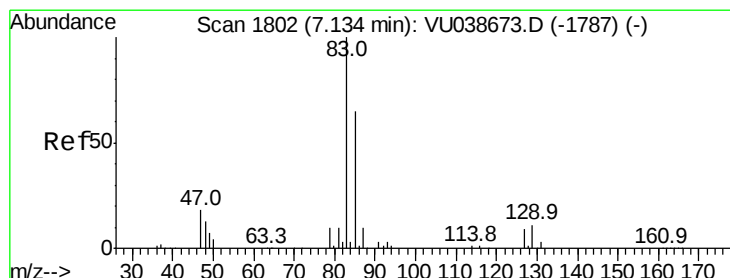
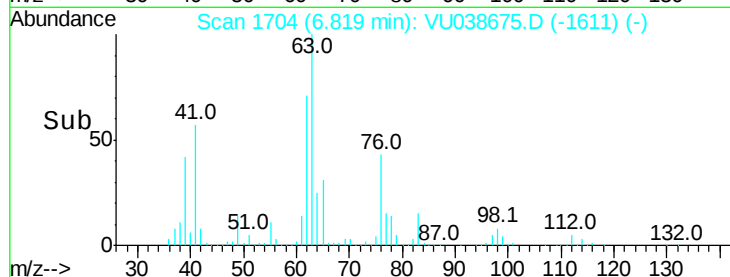
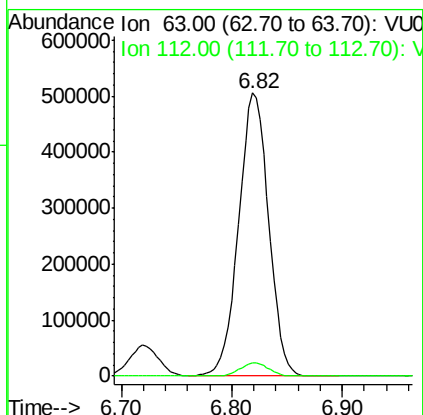
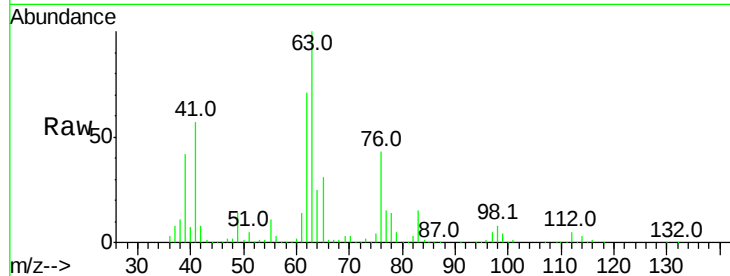




#37
 1,2-Dichloropropane
 Concen: 202.850 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

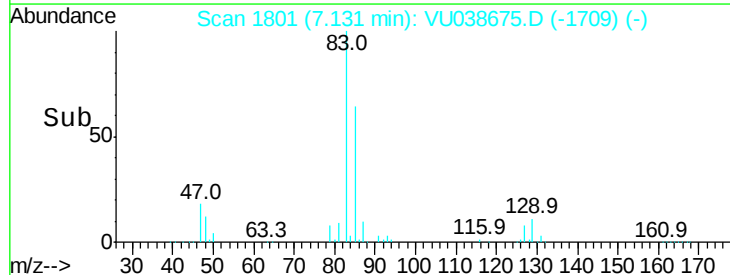
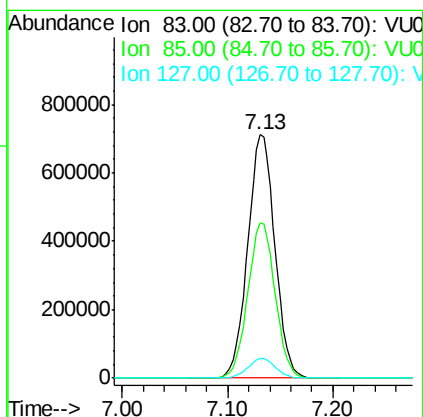
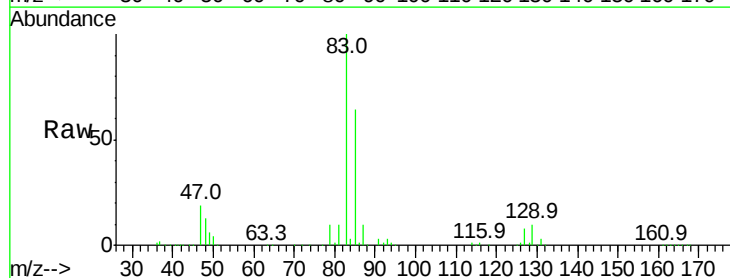
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

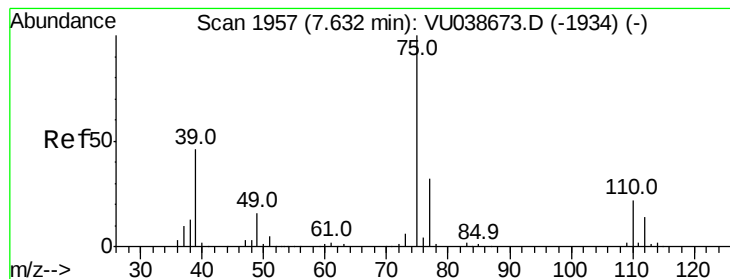
Tgt Ion: 63 Resp: 952203
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.4 5.2



#38
 Bromodichloromethane
 Concen: 211.584 ug/L
 RT: 7.13 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Tgt Ion: 83 Resp: 1272795
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.1 83.9
 127 8.1 7.0 10.4



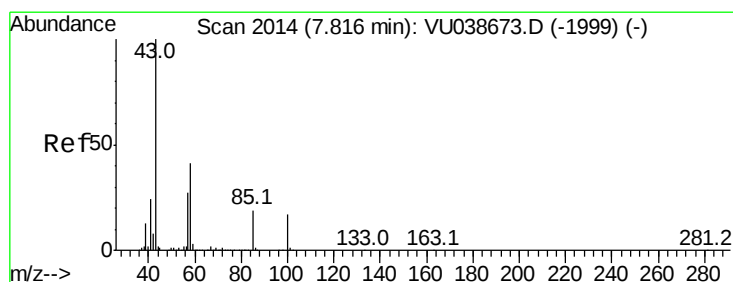
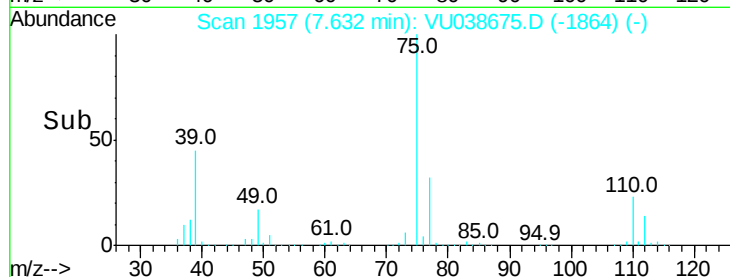
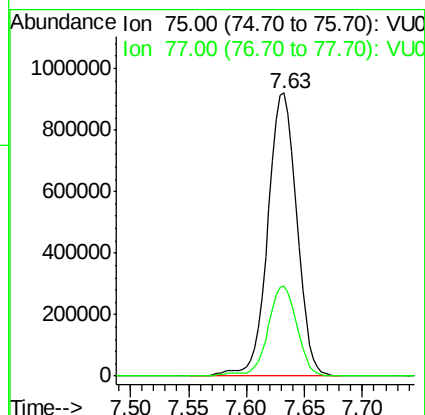
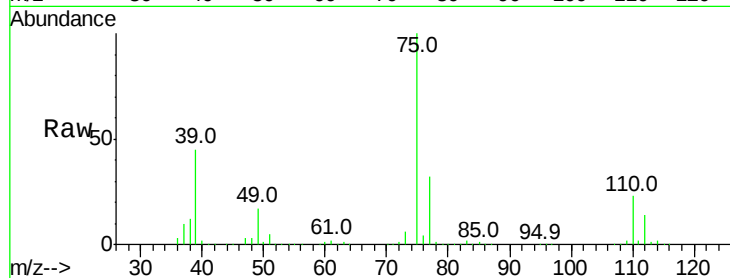


#39

cis-1,3-Dichloropropene
Concen: 213.788 ug/L
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038675.D
Acq: 08 Jun 2020 17:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD20034

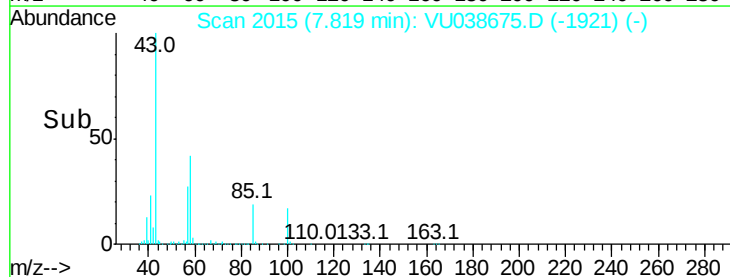
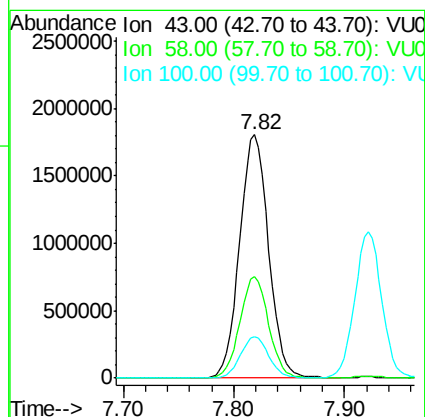
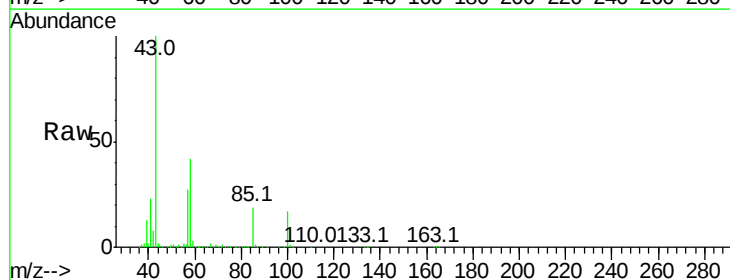
Tgt Ion: 75 Resp: 1596931
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2

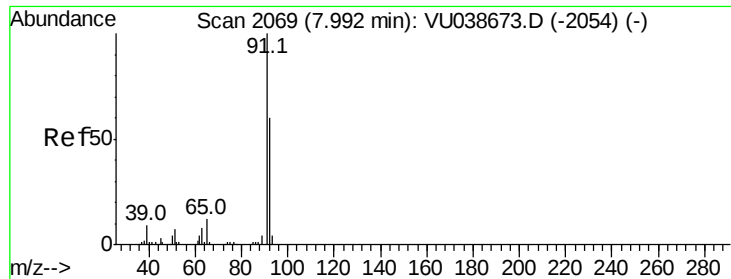


#40

4-Methyl-2-pentanone
Concen: 439.992 ug/L
RT: 7.82 min Scan# 2015
Delta R.T. 0.00 min
Lab File: VU038675.D
Acq: 08 Jun 2020 17:23

Tgt Ion: 43 Resp: 3284696
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.4
100 16.8 13.4 20.0





#42

Toluene

Concen: 204.528 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038675.D

Acq: 08 Jun 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

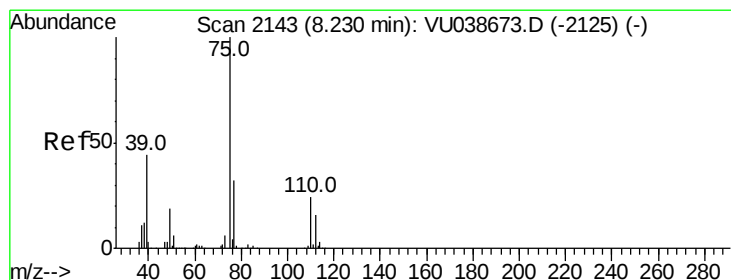
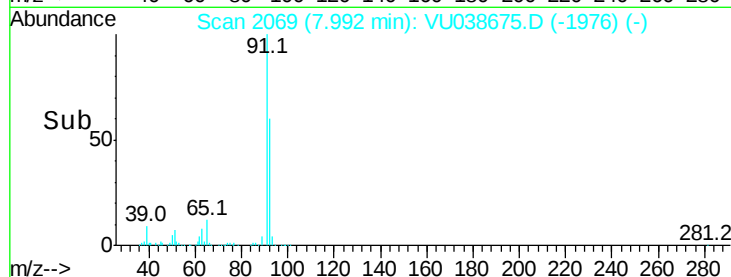
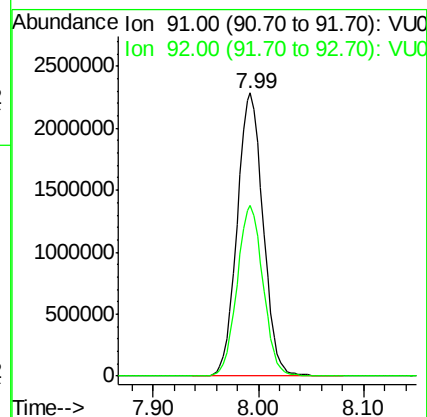
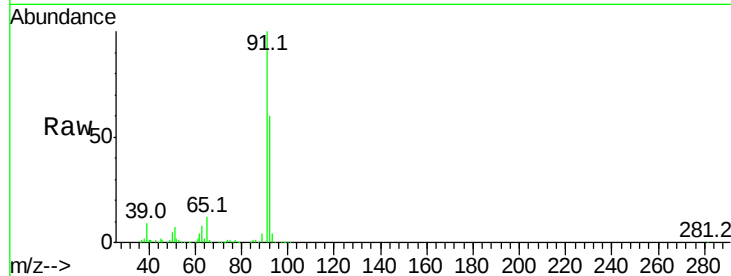
VSTD20034

Tgt Ion: 91 Resp: 3886509

Ion Ratio Lower Upper

91 100

92 60.1 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 223.208 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU038675.D

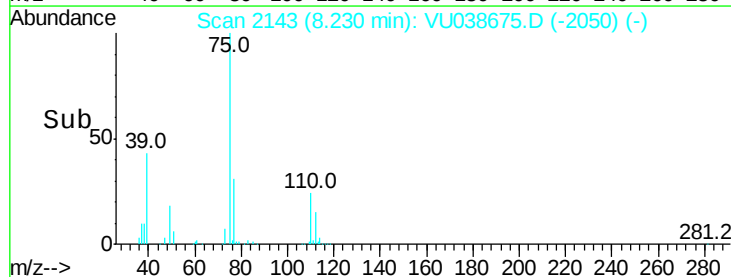
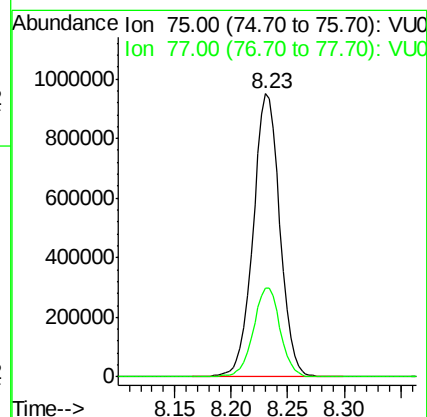
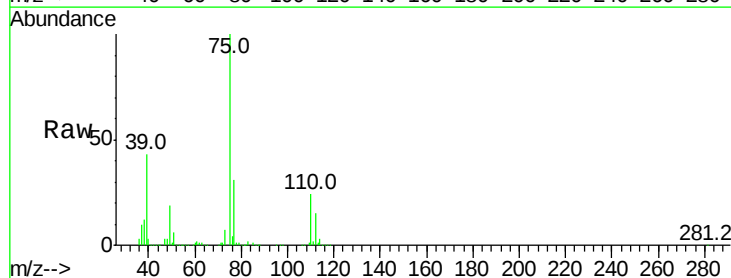
Acq: 08 Jun 2020 17:23

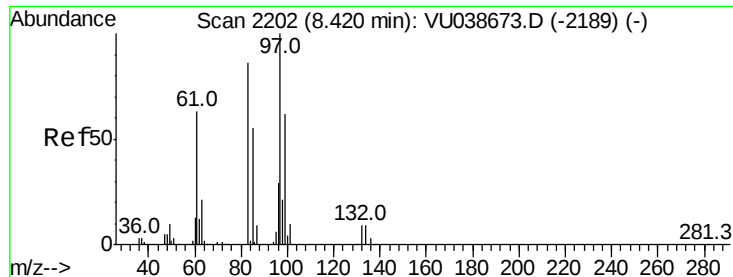
Tgt Ion: 75 Resp: 1560699

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7

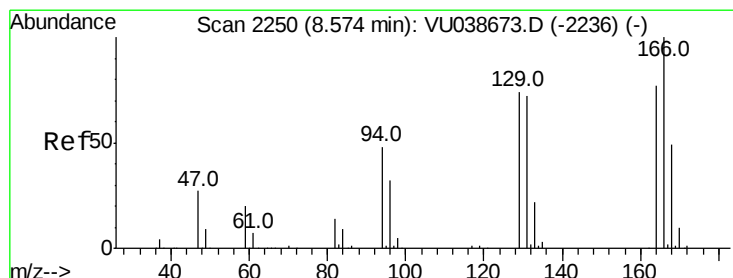
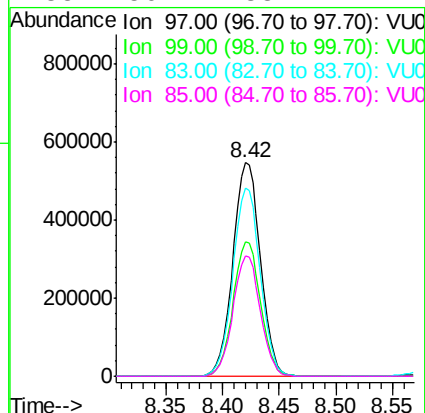
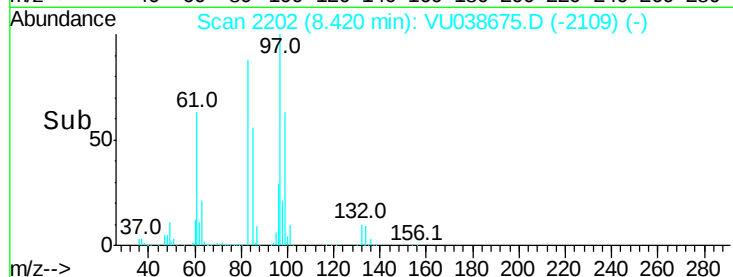
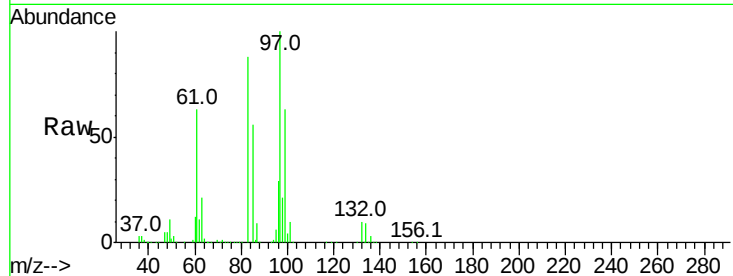




#45
 1,1,2-Trichloroethane
 Concen: 207.674 ug/L
 RT: 8.42 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Tgt Ion:	97	Resp:	925102
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.6	81.0
83	87.8	60.0	111.4
85	56.1	38.4	71.2



#46
 Tetrachloroethene
 Concen: 200.670 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038675.D
 Acq: 08 Jun 2020 17:23

Tgt Ion:	164	Resp:	679383
Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.2	124.8
131	93.1	65.5	121.6
166	127.7	90.4	168.0

