

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061920\
 Data File : VU038986.D
 Acq On : 19 Jun 2020 16:03
 Operator : SY/MD
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Quant Time: Jun 19 17:21:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 17:18:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263063	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25451	1.32	ug/L	0.00
7) Chloroethane-d5	1.93	69	19611	1.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	45057	1.17	ug/L	0.00
20) 2-Butanone-d5	4.68	46	75874	12.41	ug/L	0.00
24) Chloroform-d	5.10	84	43852	1.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	27230	1.25	ug/L	0.00
32) Benzene-d6	5.76	84	84763	1.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	27178	1.22	ug/L	0.00
41) Toluene-d8	7.92	98	87982	1.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	14172	1.34	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	57158	11.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	23750	1.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	28524	1.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	28529	1.125 ug/L	100
3) Chloromethane	1.53	50	28136	1.125 ug/L	99
5) Vinyl chloride	1.62	62	29155	1.162 ug/L	97
6) Bromomethane	1.88	94	10961	0.830 ug/L	87
8) Chloroethane	1.95	64	17281	1.101 ug/L	95
9) Trichlorofluoromethane	2.16	101	36948	0.986 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	22062	1.109 ug/L	100
12) 1,1-Dichloroethene	2.61	96	20078	1.072 ug/L	99
13) Acetone	2.67	43	48494	11.720 ug/L	94
14) Carbon disulfide	2.82	76	69173	1.084 ug/L	98
15) Methyl Acetate	2.98	43	11765	1.147 ug/L	99
16) Methylene chloride	3.08	84	26566	1.216 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	52028	1.051 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	21081	1.065 ug/L	99
19) 1,1-Dichloroethane	3.91	63	40746	1.121 ug/L	96
21) 2-Butanone	4.76	43	73728	11.306 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	21802	1.072 ug/L	95
23) Bromochloromethane	5.02	128	10467	1.092 ug/L	95
25) Chloroform	5.12	83	41341	1.125 ug/L	97
27) 1,2-Dichloroethane	5.83	62	30510	1.142 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	36503	1.105 ug/L	97
30) Cyclohexane	5.42	56	33035	1.038 ug/L	97
31) Carbon tetrachloride	5.56	117	30206	1.042 ug/L	99
33) Benzene	5.81	78	88099	1.091 ug/L	100
34) Trichloroethene	6.57	95	22944	1.133 ug/L	97
35) Methylcyclohexane	6.79	83	31178	0.963 ug/L	94
37) 1,2-Dichloropropane	6.82	63	24095	1.139 ug/L	100
38) Bromodichloromethane	7.13	83	28923	1.026 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	35769	1.124 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	214248	13.728 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061920\
 Data File : VU038986.D
 Acq On : 19 Jun 2020 16:03
 Operator : SY/MD
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Quant Time: Jun 19 17:21:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 17:18:35 2020
 Response via : Initial Calibration

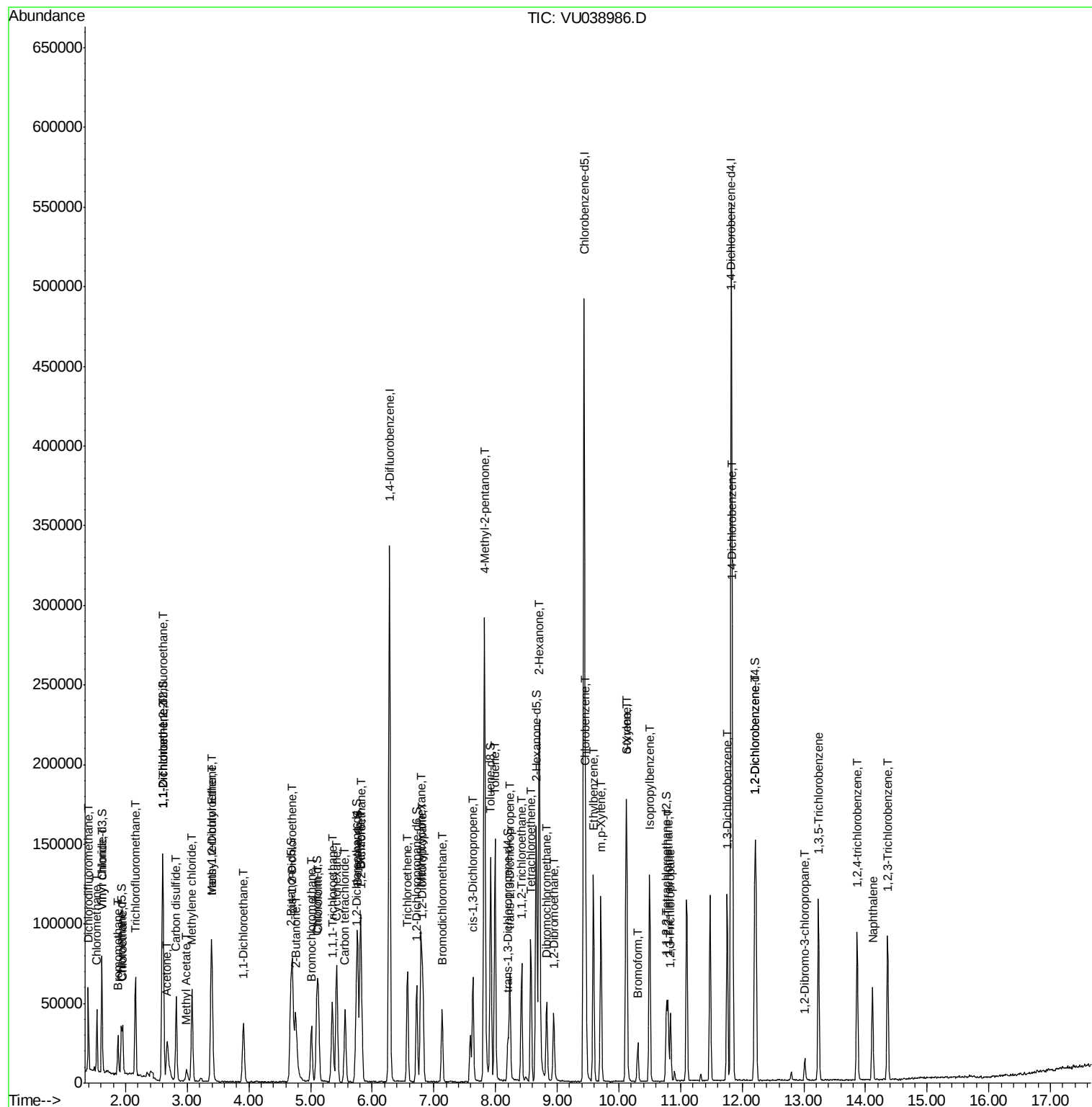
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	103895	1.208	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	34740	1.175	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	21442	1.328	ug/L	96
47) Tetrachloroethene	8.57	164	19210	1.228	ug/L	91
48) 2-Hexanone	8.71	43	154601	13.859	ug/L	96
49) Dibromochloromethane	8.83	129	23612	1.284	ug/L	94
50) 1,2-Dibromoethane	8.94	107	19550	1.255	ug/L	96
51) Chlorobenzene	9.47	112	57184	1.064	ug/L	99
52) Ethylbenzene	9.59	91	89263	0.998	ug/L	98
53) m,p-Xylene	9.71	106	31728	0.919	ug/L	95
54) o-Xylene	10.12	106	31771	0.961	ug/L	100
55) Styrene	10.13	104	53488	0.938	ug/L	99
56) Isopropylbenzene	10.50	105	81093	0.921	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	23158	1.078	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	17427	1.104	ug/L	100
61) Bromoform	10.30	173	11359	1.028	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	44767	1.034	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	47627	1.074	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	43024	1.010	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	3824	0.923	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	33427	0.966	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	28003	0.896	ug/L	98
69) Naphthalene	14.11	128	45981	0.769	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	25920	0.876	ug/L	96

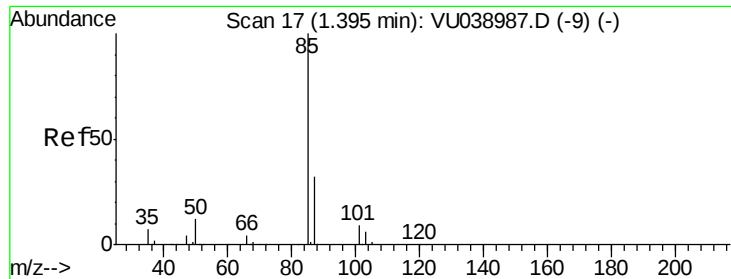
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061920\
Data File : VU038986.D
Acq On : 19 Jun 2020 16:03
Operator : SY/MD
Sample : VSTD00106
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

Quant Time: Jun 19 17:21:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 17:18:35 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.125 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

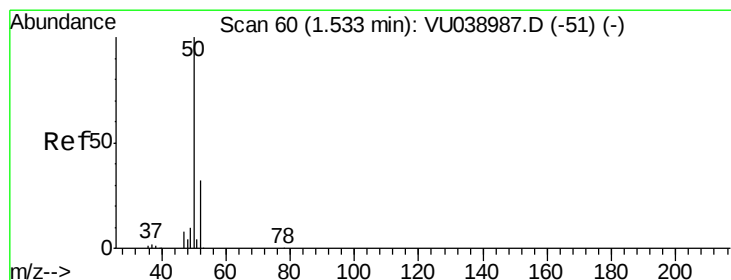
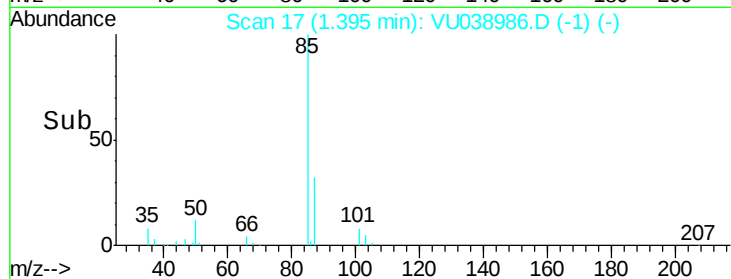
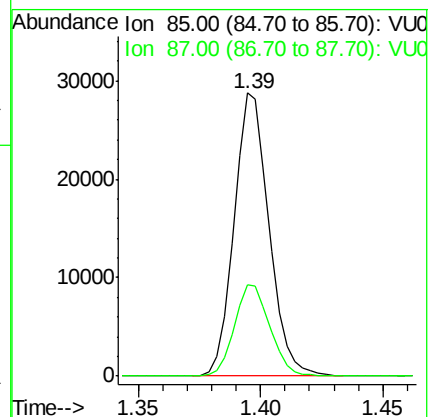
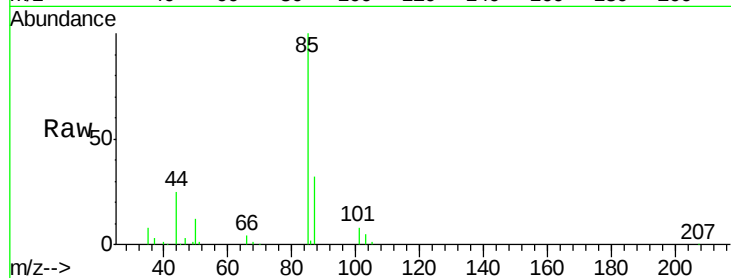
VSTD00106

Tgt Ion: 85 Resp: 28529

Ion Ratio Lower Upper

85 100

87 32.8 26.2 39.4



#3

Chloromethane

Concen: 1.125 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038986.D

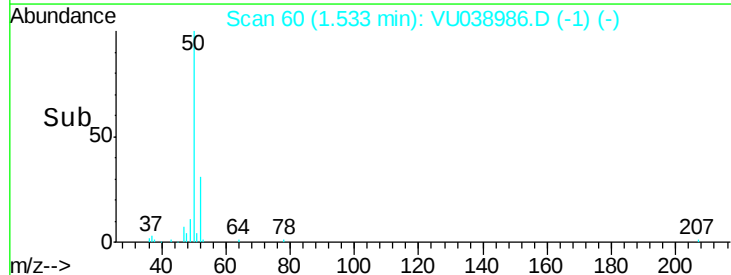
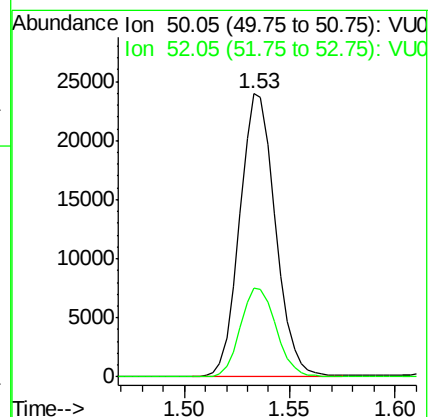
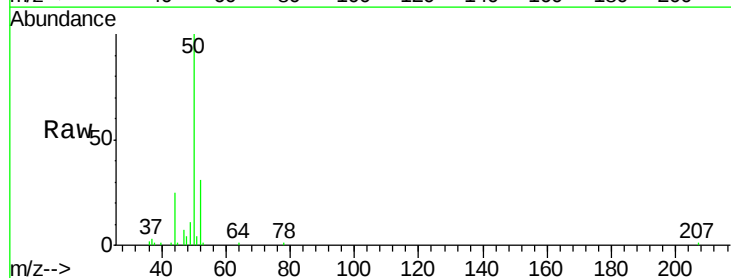
Acq: 19 Jun 2020 16:03

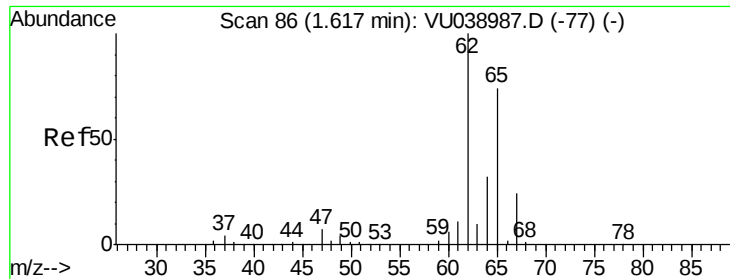
Tgt Ion: 50 Resp: 28136

Ion Ratio Lower Upper

50 100

52 31.3 22.3 41.5





#5

Vinyl chloride

Concen: 1.162 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

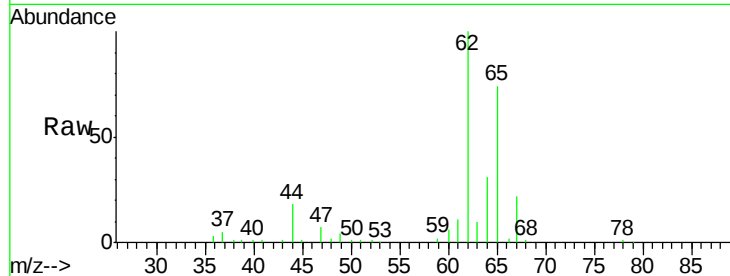
VSTD00106

Tgt Ion: 62 Resp: 29155

Ion Ratio Lower Upper

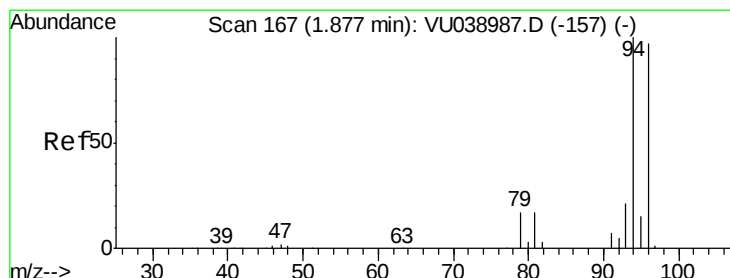
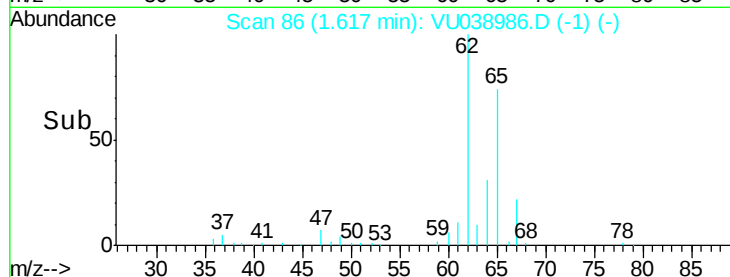
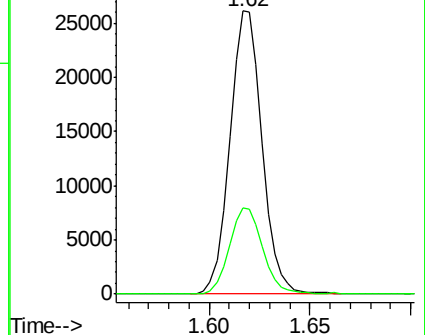
62 100

64 30.6 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU038986.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU038986.D (-1) (-)



#6

Bromomethane

Concen: 0.830 ug/L

RT: 1.88 min Scan# 167

Delta R.T. -0.00 min

Lab File: VU038986.D

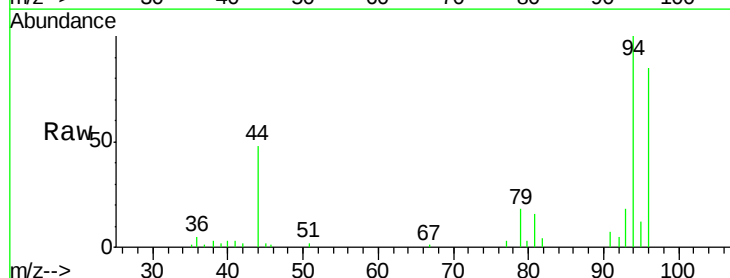
Acq: 19 Jun 2020 16:03

Tgt Ion: 94 Resp: 10961

Ion Ratio Lower Upper

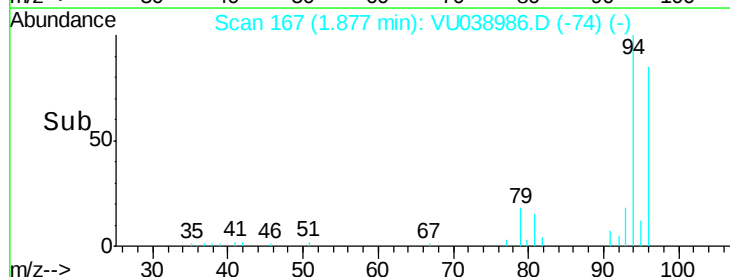
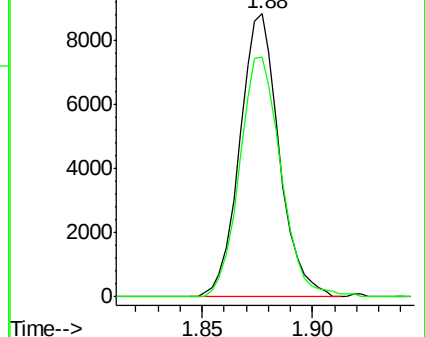
94 100

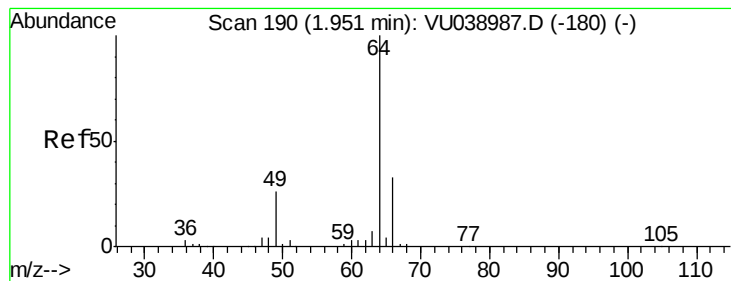
96 84.8 68.0 126.4



Abundance Ion 94.00 (93.70 to 94.70): VU038986.D (-74) (-)

Ion 96.00 (95.70 to 96.70): VU038986.D (-74) (-)





#8

Chloroethane

Concen: 1.101 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

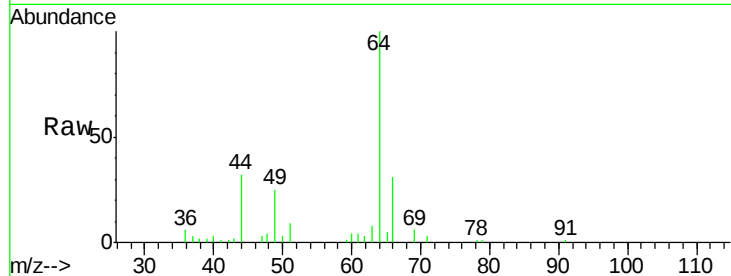
VSTD00106

Tgt Ion: 64 Resp: 17281

Ion Ratio Lower Upper

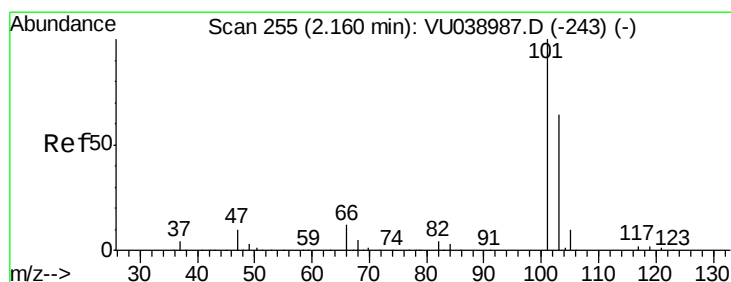
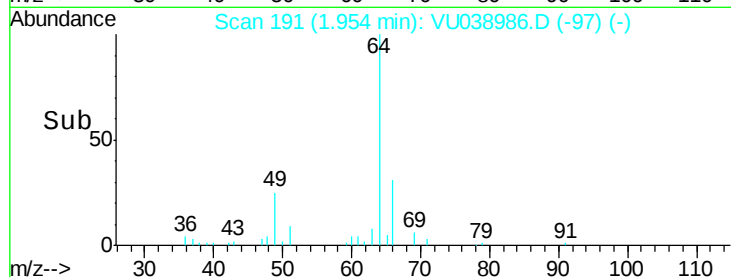
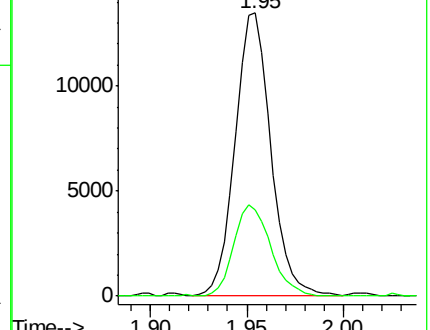
64 100

66 30.6 23.2 43.2



Abundance Ion 64.10 (63.80 to 64.80): VU038987.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU038987.D (-180) (-)



#9

Trichlorofluoromethane

Concen: 0.986 ug/L

RT: 2.16 min Scan# 255

Delta R.T. -0.00 min

Lab File: VU038986.D

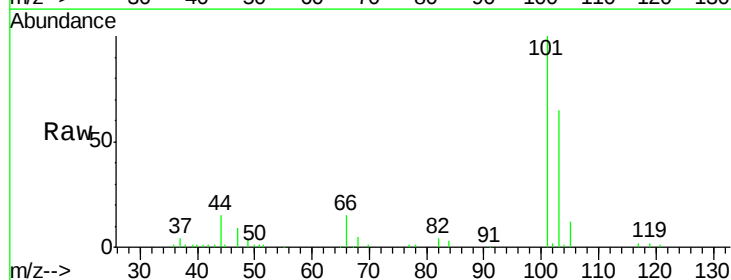
Acq: 19 Jun 2020 16:03

Tgt Ion: 101 Resp: 36948

Ion Ratio Lower Upper

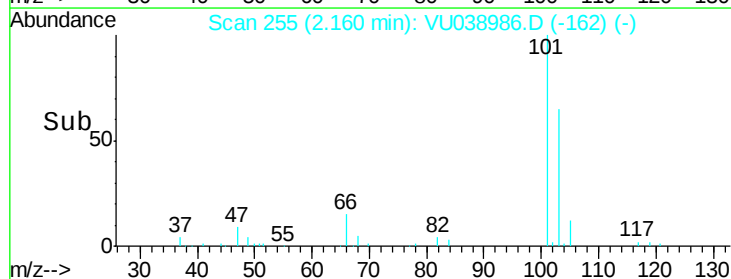
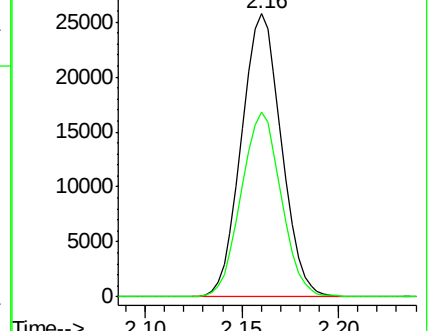
101 100

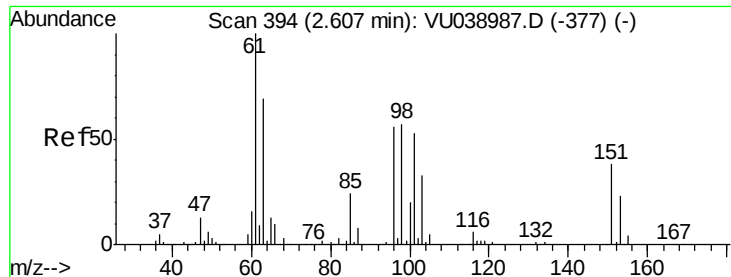
103 65.3 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VU038987.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU038987.D (-243) (-)





#10

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

Concen: 1.109 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

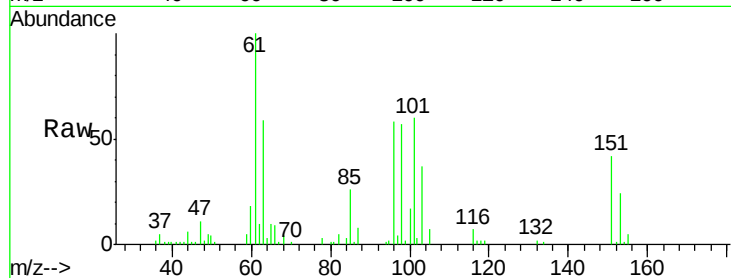
Tgt Ion:101 Resp: 22062

Ion Ratio Lower Upper

101 100

85 44.7 36.1 54.1

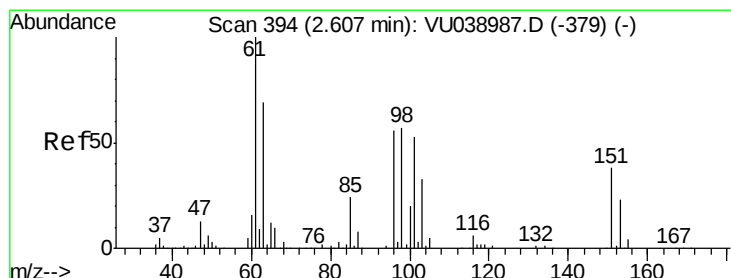
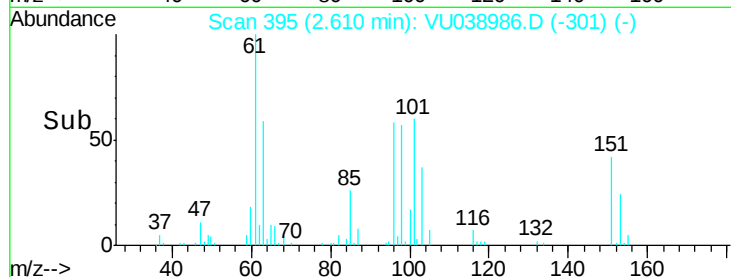
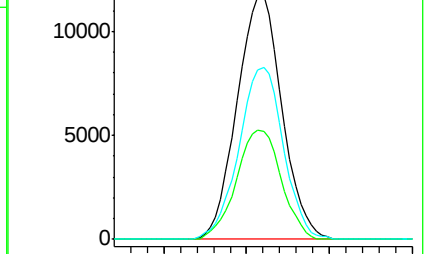
151 70.1 56.2 84.4



Abundance Ion 101.00 (100.70 to 101.70): VU038986.D (-301) (-)

Ion 85.00 (84.70 to 85.70): VU038986.D (-301) (-)

Ion 151.00 (150.70 to 151.70): VU038986.D (-301) (-)



#12

1,1-Dichloroethene

Concen: 1.072 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

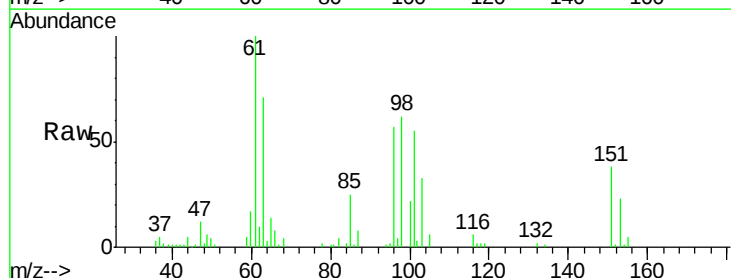
Tgt Ion: 96 Resp: 20078

Ion Ratio Lower Upper

96 100

61 176.6 126.0 234.0

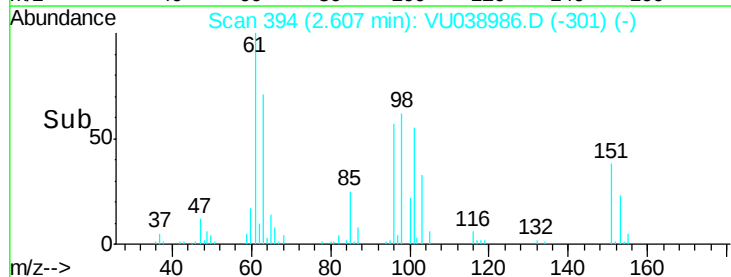
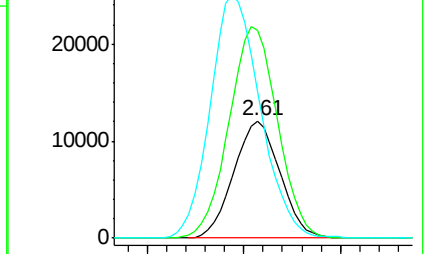
63 124.7 87.2 162.0

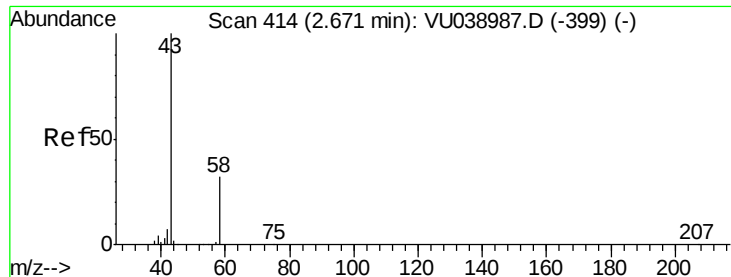


Abundance Ion 96.00 (95.70 to 96.70): VU038986.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU038986.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU038986.D (-301) (-)





#13

Acetone

Concen: 11.720 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

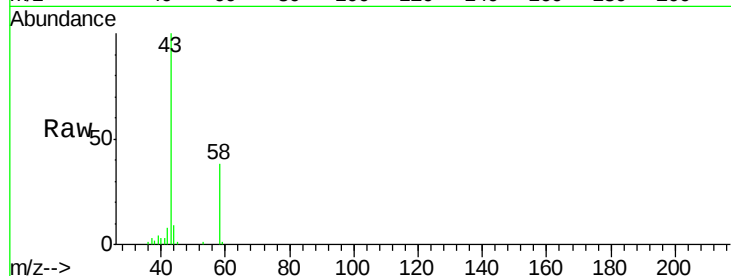
VSTD00106

Tgt Ion: 43 Resp: 48494

Ion Ratio Lower Upper

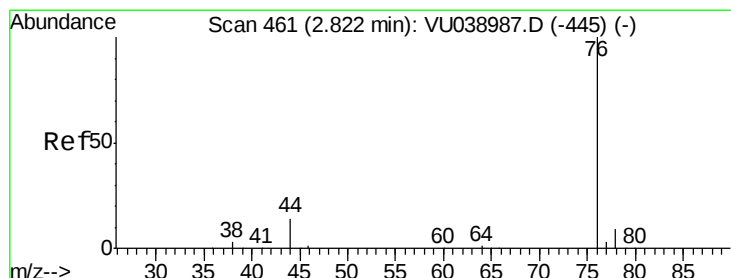
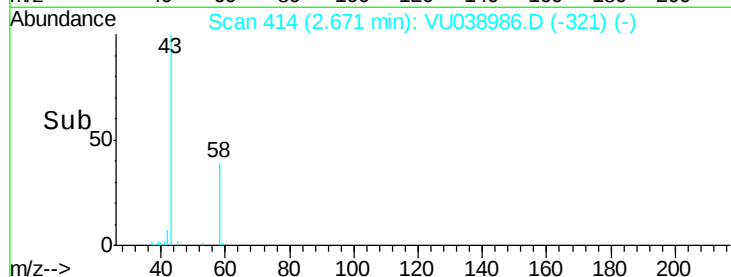
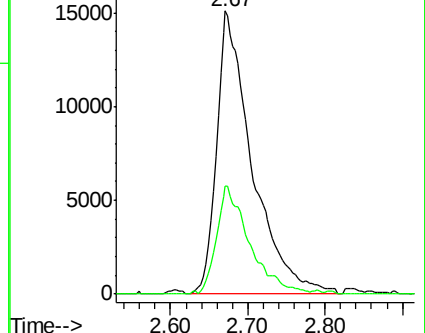
43 100

58 35.6 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU038986.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038986.D (-321) (-)



#14

Carbon disulfide

Concen: 1.084 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU038986.D

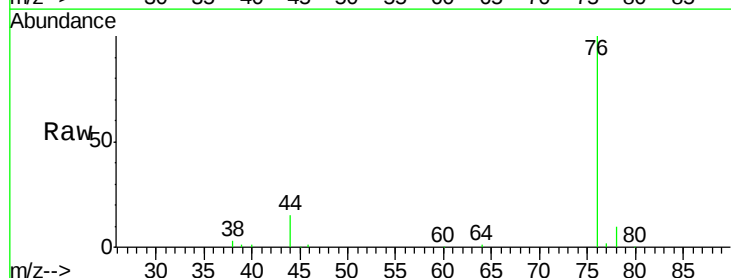
Acq: 19 Jun 2020 16:03

Tgt Ion: 76 Resp: 69173

Ion Ratio Lower Upper

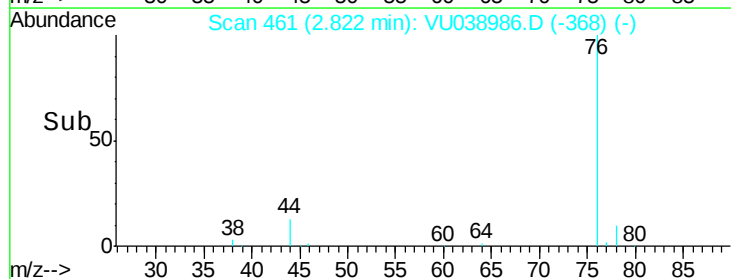
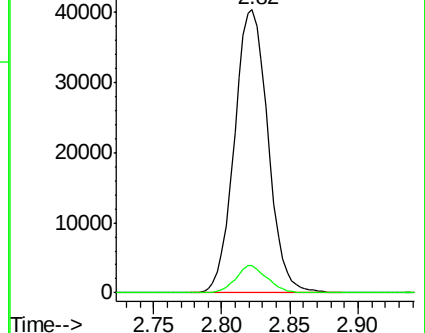
76 100

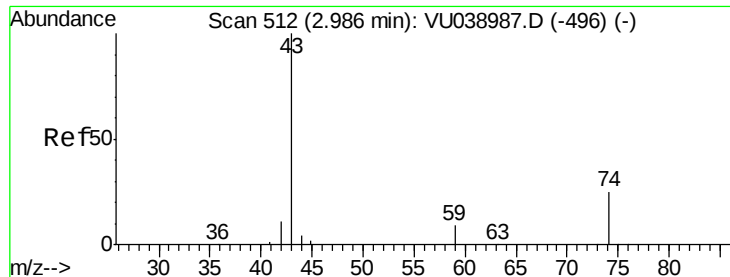
78 9.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU038986.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038986.D (-368) (-)





#15

Methyl Acetate

Concen: 1.147 ug/L

RT: 2.98 min Scan# 511

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampled :

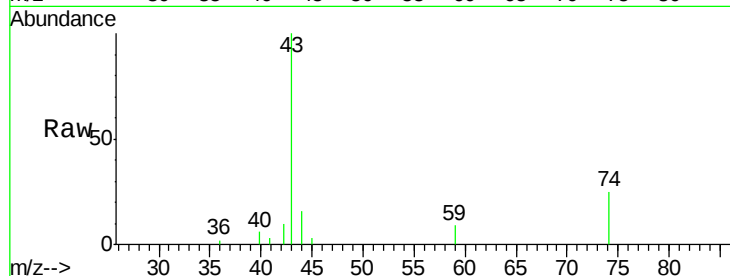
VSTD00106

Tgt Ion: 43 Resp: 11765

Ion Ratio Lower Upper

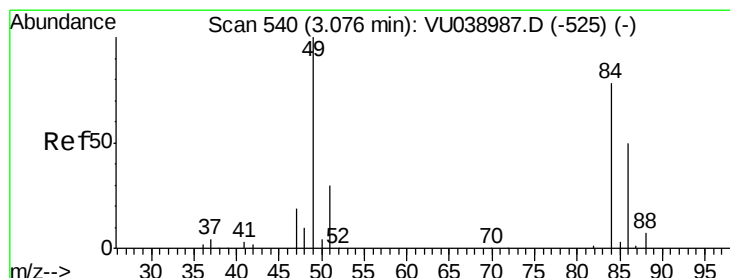
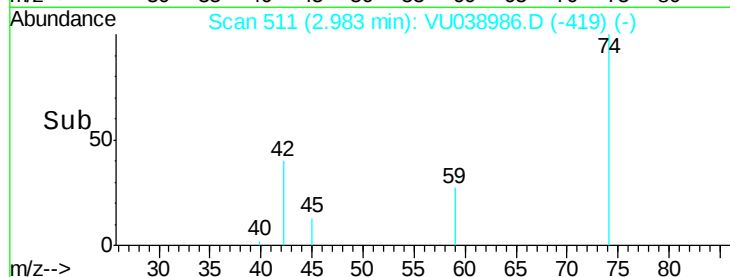
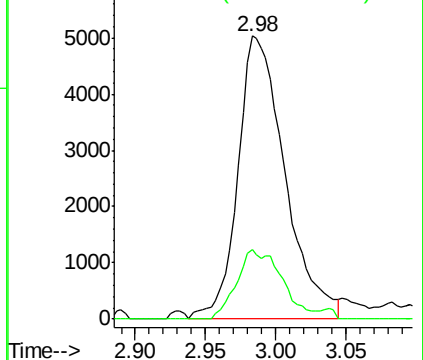
43 100

74 23.6 19.3 28.9



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 1.216 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

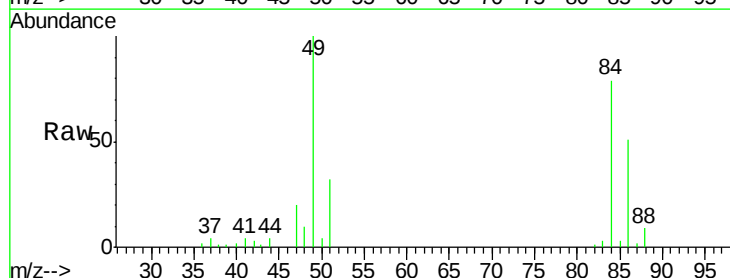
Tgt Ion: 84 Resp: 26566

Ion Ratio Lower Upper

84 100

86 63.7 45.1 83.7

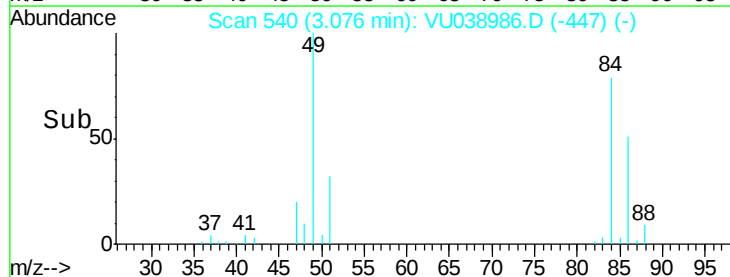
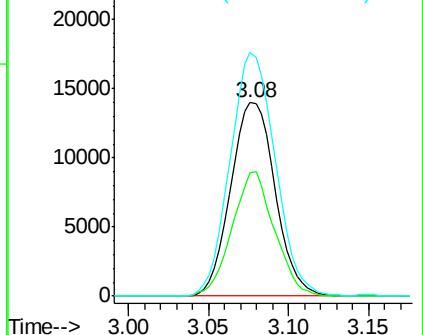
49 125.9 90.3 167.7

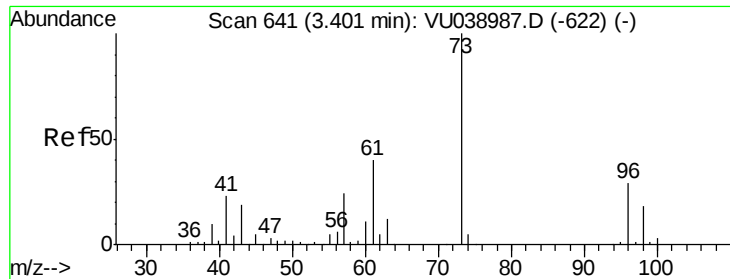


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

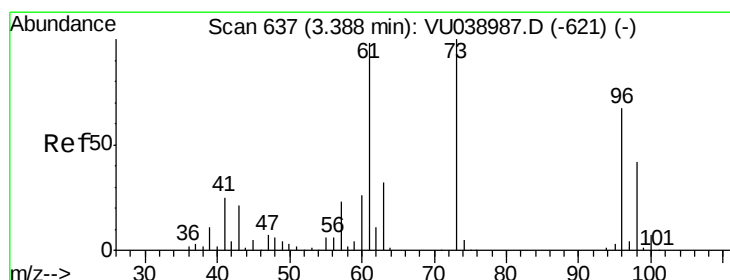
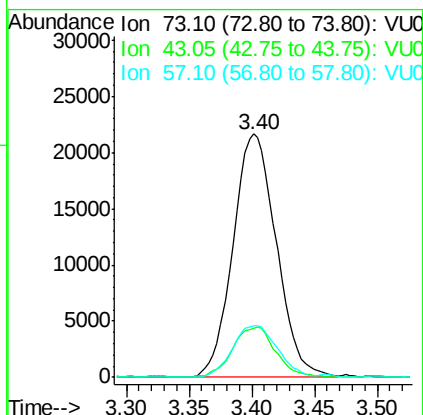
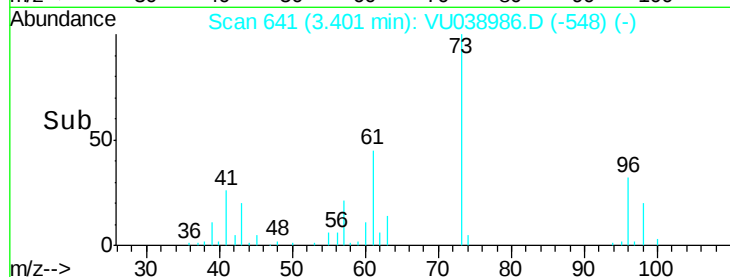
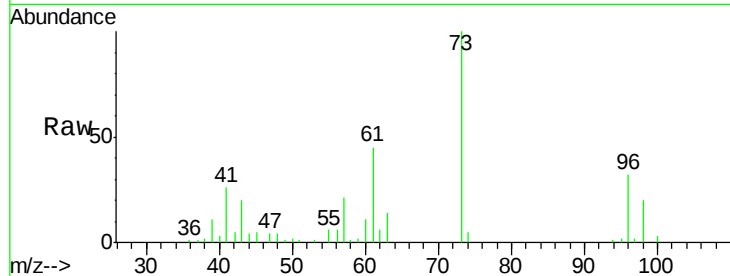




#17
Methyl tert-butyl Ether
Concen: 1.051 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

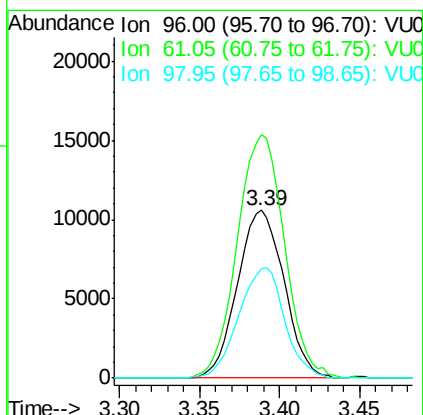
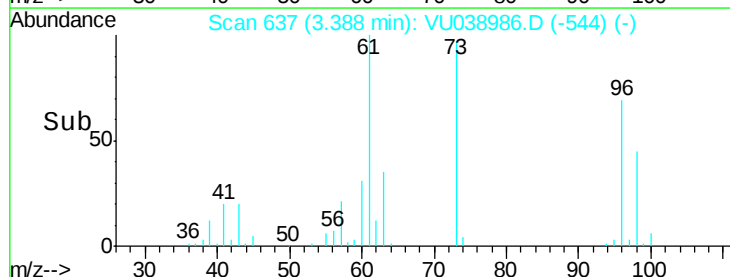
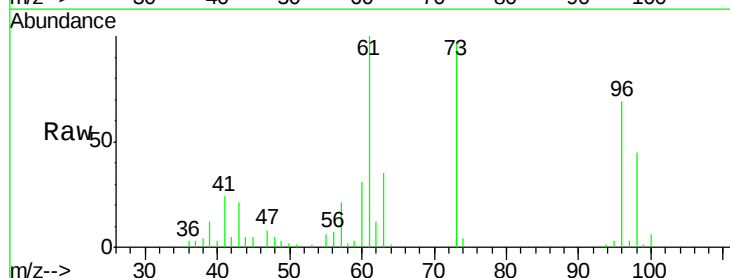
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

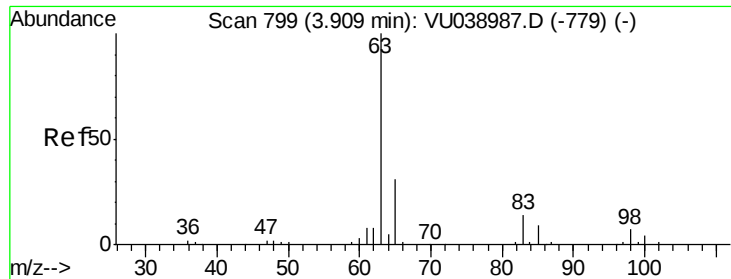
Tgt Ion: 73 Resp: 52028
Ion Ratio Lower Upper
73 100
43 20.7 16.3 24.5
57 22.0 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 1.065 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

Tgt Ion: 96 Resp: 21081
Ion Ratio Lower Upper
96 100
61 145.3 101.8 189.2
98 65.3 44.0 81.6

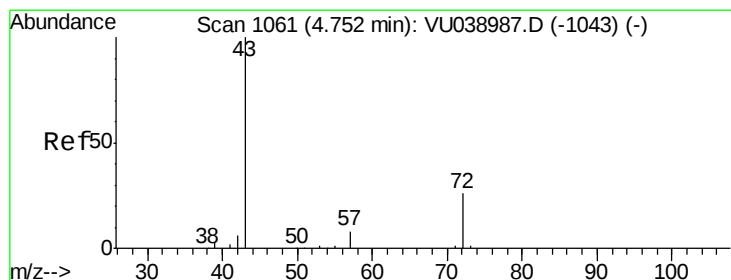
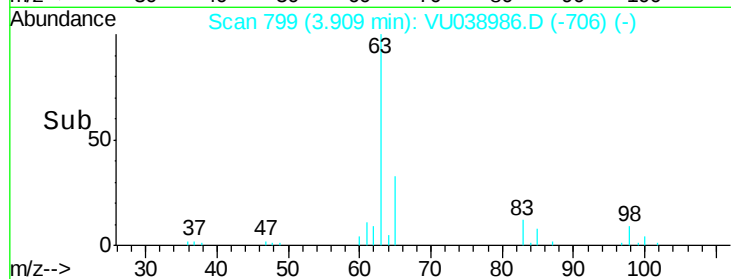
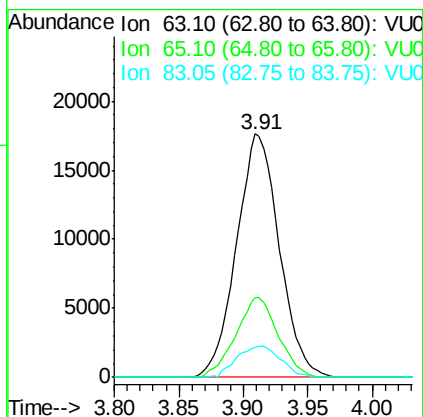
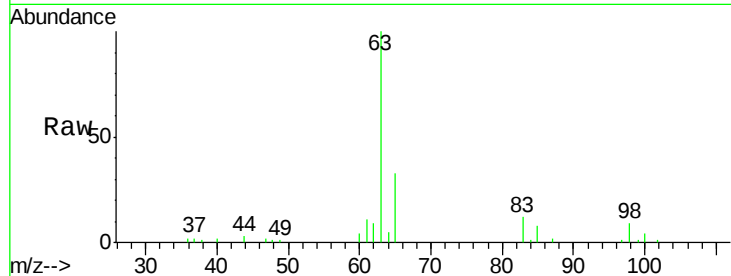




#19
 1,1-Dichloroethane
 Concen: 1.121 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

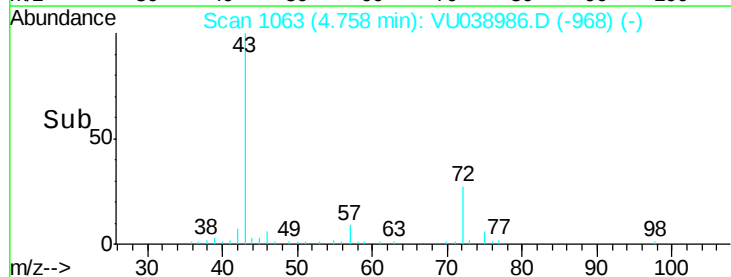
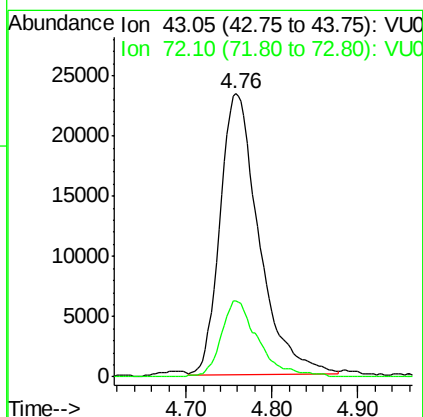
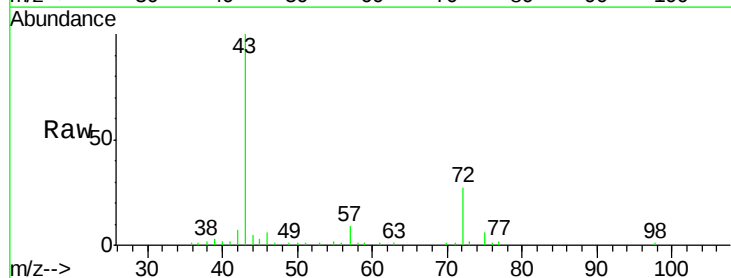
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

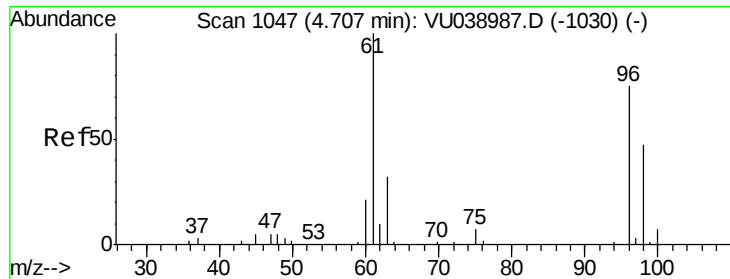
Tgt Ion: 63 Resp: 40746
 Ion Ratio Lower Upper
 63 100
 65 32.7 21.5 39.9
 83 12.4 9.6 17.8



#21
 2-Butanone
 Concen: 11.306 ug/L
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion: 43 Resp: 73728
 Ion Ratio Lower Upper
 43 100
 72 25.8 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 1.072 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

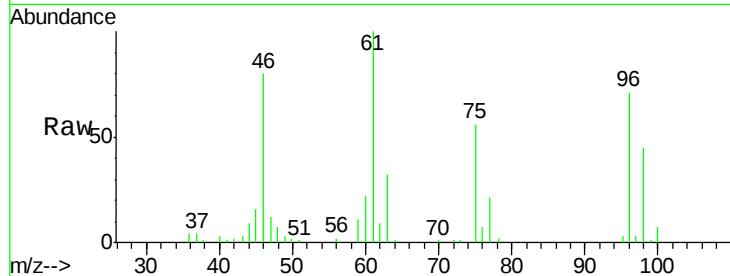
Tgt Ion: 96 Resp: 21802

Ion Ratio Lower Upper

96 100

61 140.7 94.0 174.6

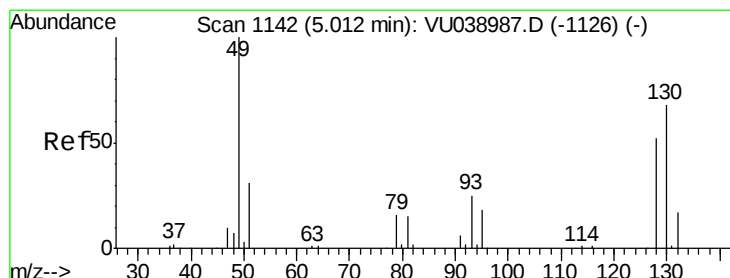
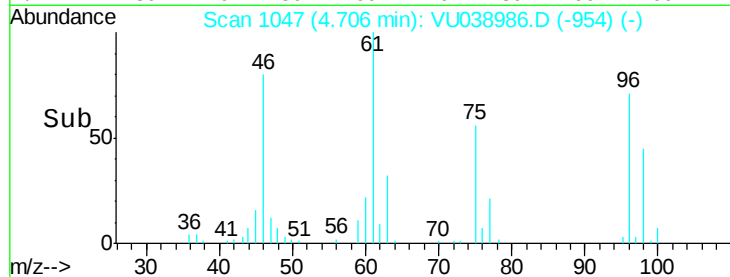
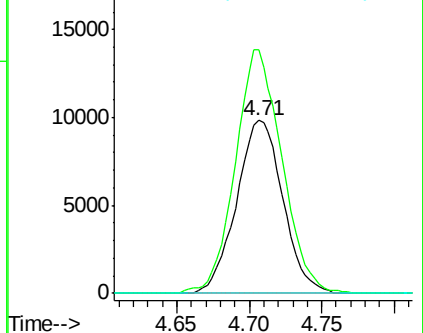
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038986.D (-1049) (-)

Ion 61.05 (60.75 to 61.75): VU038986.D (-1049) (-)

Ion 68.15 (67.85 to 68.85): VU038986.D (-1049) (-)



#23

Bromochloromethane

Concen: 1.092 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Tgt Ion: 128 Resp: 10467

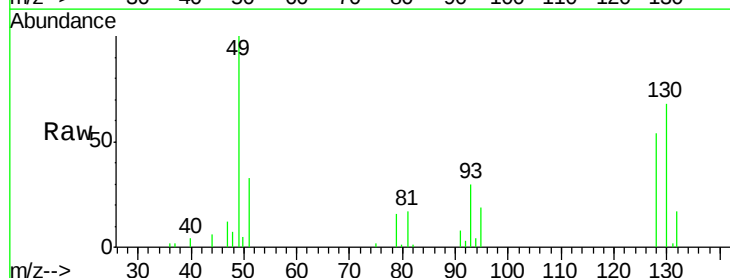
Ion Ratio Lower Upper

128 100

49 184.0 134.5 249.9

130 124.6 91.6 170.2

51 60.1 47.4 71.0

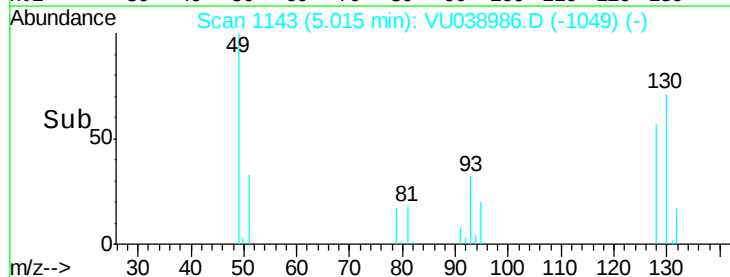
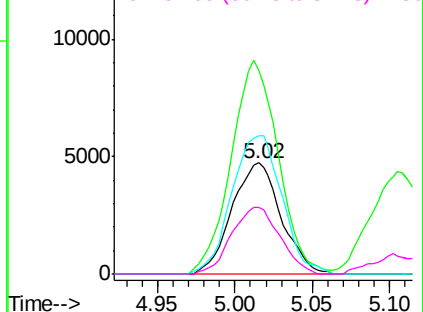


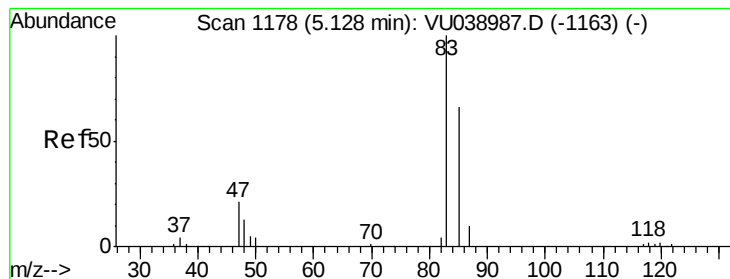
Abundance Ion 127.90 (127.60 to 128.60): VU038986.D (-1049) (-)

Ion 49.10 (48.80 to 49.80): VU038986.D (-1049) (-)

Ion 129.95 (129.65 to 130.65): VU038986.D (-1049) (-)

Ion 51.05 (50.75 to 51.75): VU038986.D (-1049) (-)





#25

Chloroform

Concen: 1.125 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

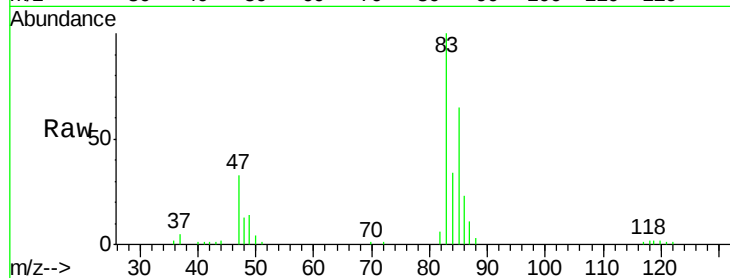
VSTD00106

Tgt Ion: 83 Resp: 41341

Ion Ratio Lower Upper

83 100

85 65.0 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VU038987.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU038987.D (-1163) (-)

5.12

20000

15000

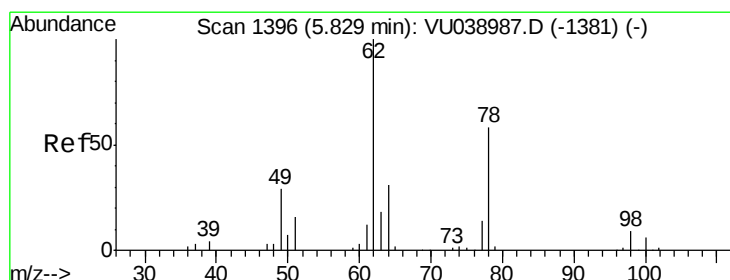
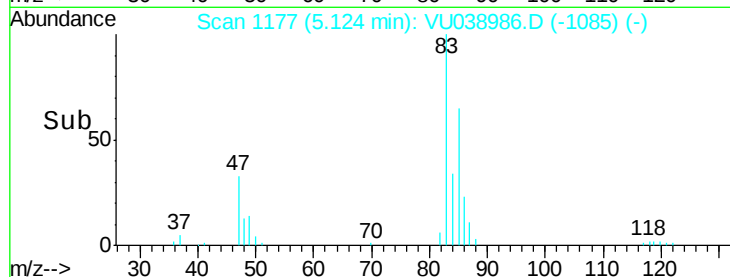
10000

5000

0

Time-->

5.05 5.10 5.15 5.20



#27

1,2-Dichloroethane

Concen: 1.142 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038986.D

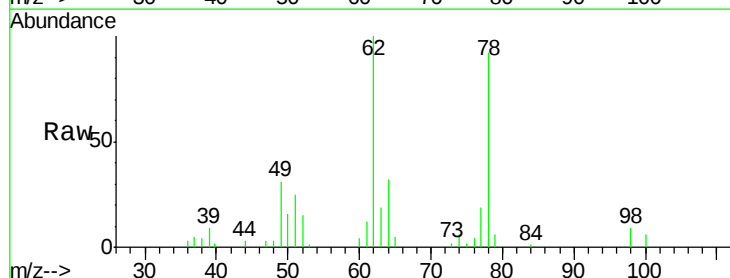
Acq: 19 Jun 2020 16:03

Tgt Ion: 62 Resp: 30510

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU038987.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038987.D (-1381) (-)

5.83

15000

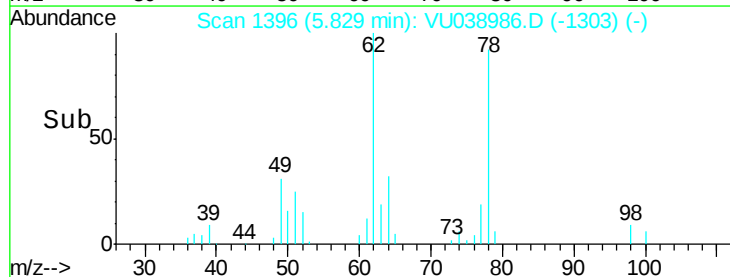
10000

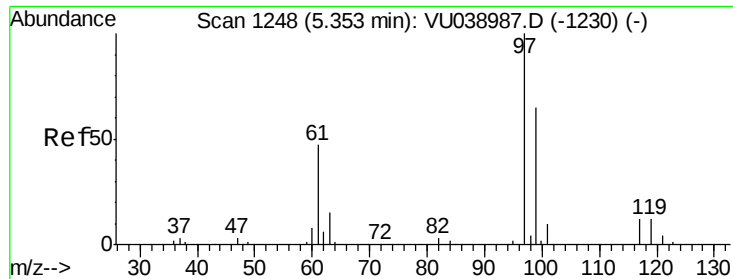
5000

0

Time-->

5.75 5.80 5.85 5.90

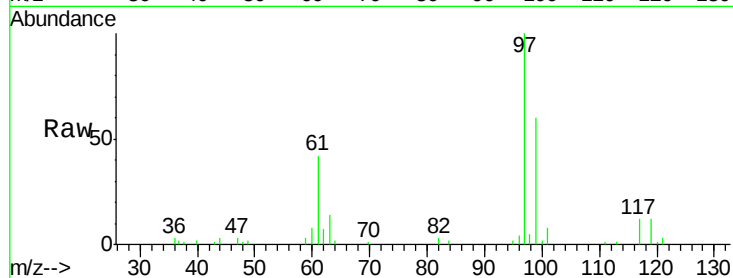




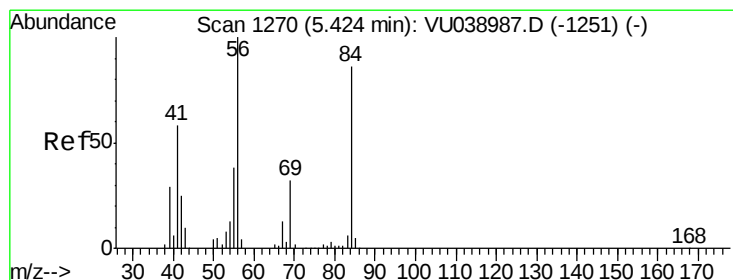
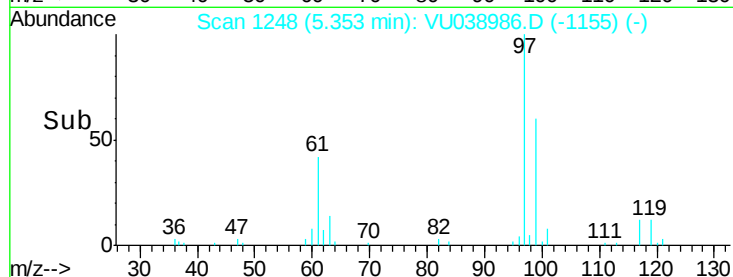
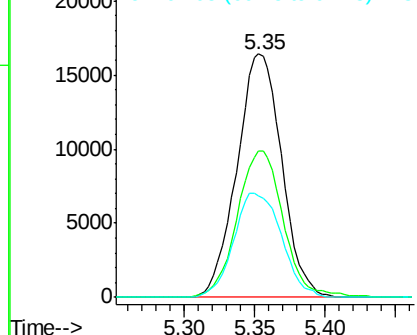
#29
 1,1,1-Trichloroethane
 Concen: 1.105 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion: 97 Resp: 36503
 Ion Ratio Lower Upper
 97 100
 99 62.1 52.2 78.4
 61 45.7 36.9 55.3

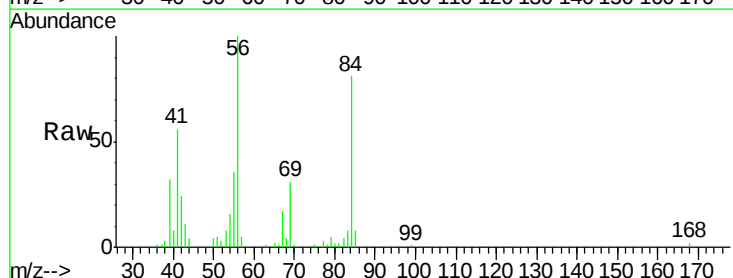


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

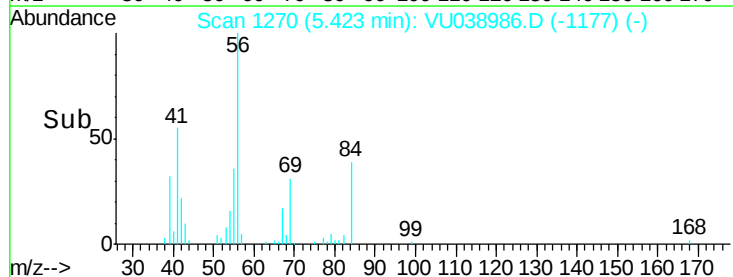
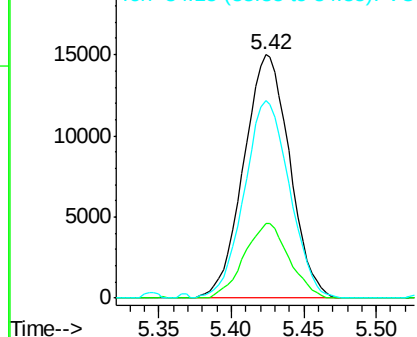


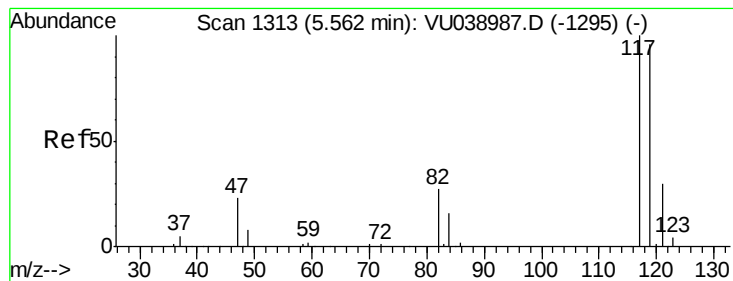
#30
 Cyclohexane
 Concen: 1.038 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion: 56 Resp: 33035
 Ion Ratio Lower Upper
 56 100
 69 30.0 24.6 37.0
 84 80.2 66.8 100.2



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





#31

Carbon tetrachloride

Concen: 1.042 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

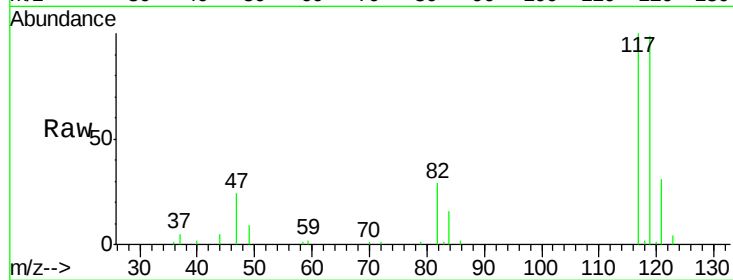
VSTD00106

Tgt Ion:117 Resp: 30206

Ion Ratio Lower Upper

117 100

119 94.5 76.6 114.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56

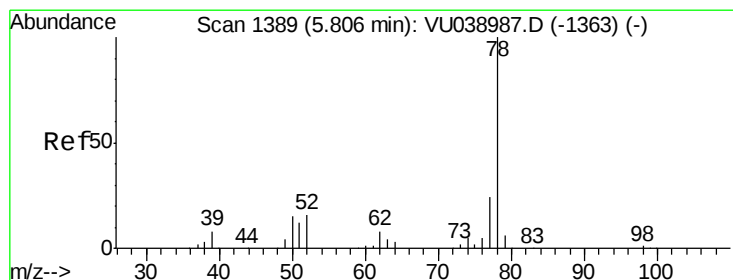
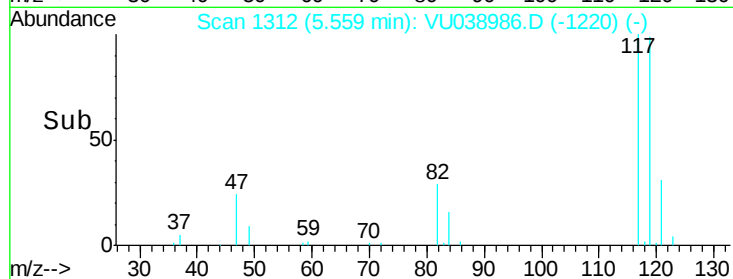
15000

10000

5000

0

Time-->



#33

Benzene

Concen: 1.091 ug/L

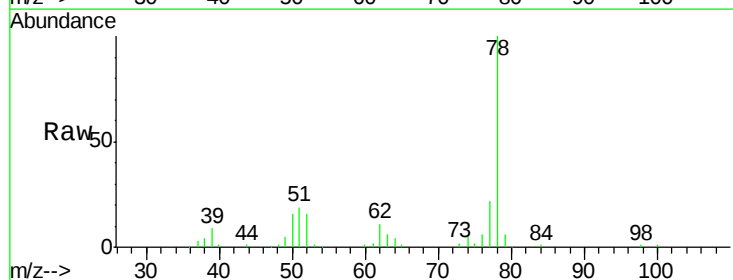
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Tgt Ion: 78 Resp: 88099



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.81

50000

40000

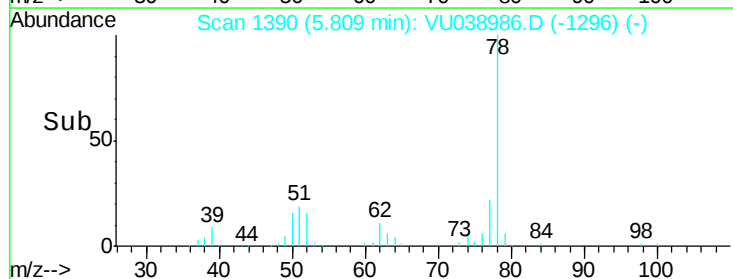
30000

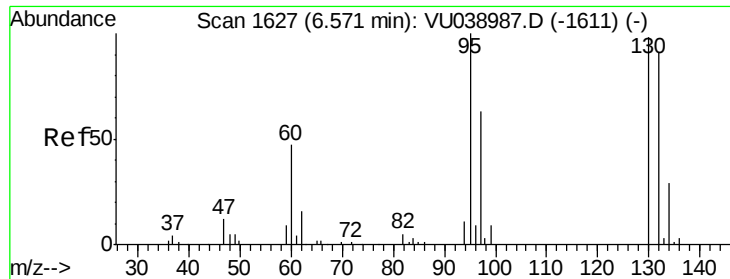
20000

10000

0

Time-->





#34

Trichloroethene

Concen: 1.133 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

Tgt Ion: 95 Resp: 22944

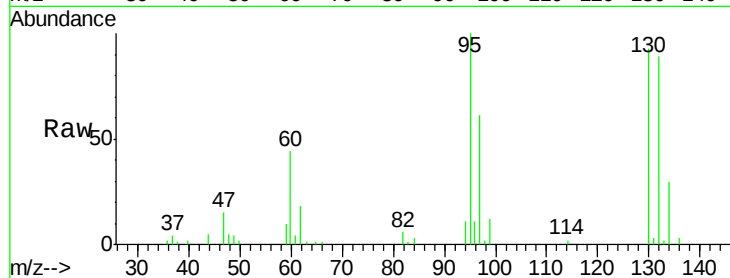
Ion Ratio Lower Upper

95 100

97 60.5 44.0 81.6

132 88.9 63.6 118.0

130 92.8 68.3 126.8

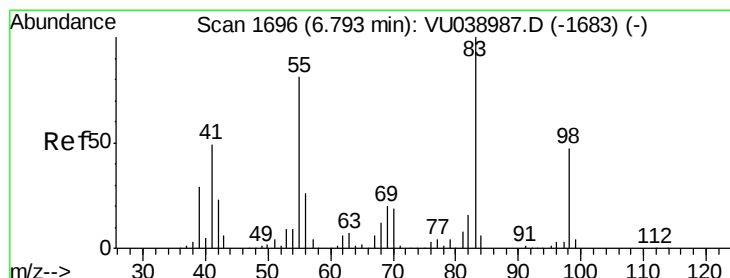
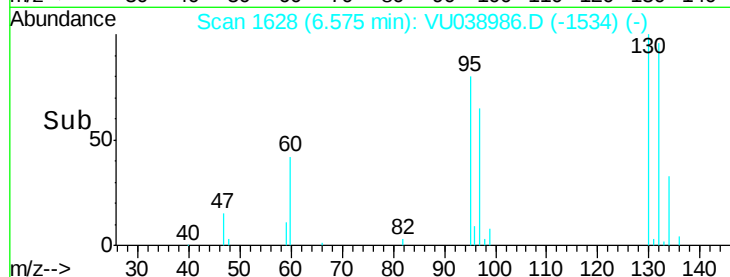
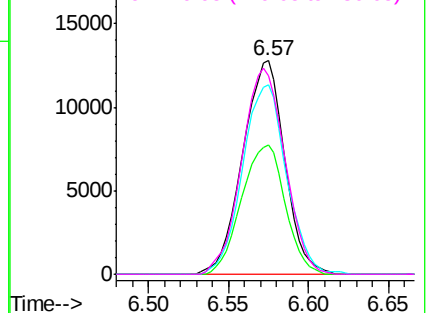


Abundance Ion 95.00 (94.70 to 95.70): VU038986.D (-1611) (-)

Ion 96.95 (96.65 to 97.65): VU038986.D (-1611) (-)

Ion 131.95 (131.65 to 132.65): VU038986.D (-1611) (-)

Ion 129.95 (129.65 to 130.65): VU038986.D (-1611) (-)



#35

Methylcyclohexane

Concen: 0.963 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

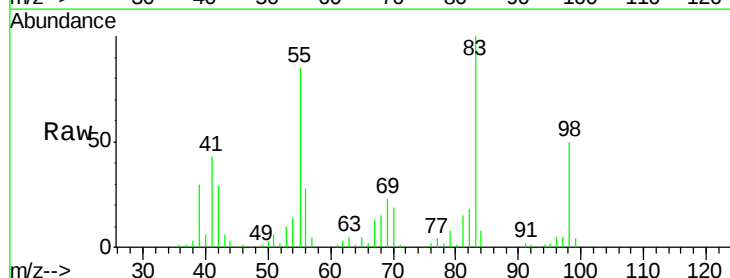
Tgt Ion: 83 Resp: 31178

Ion Ratio Lower Upper

83 100

55 86.1 64.2 96.2

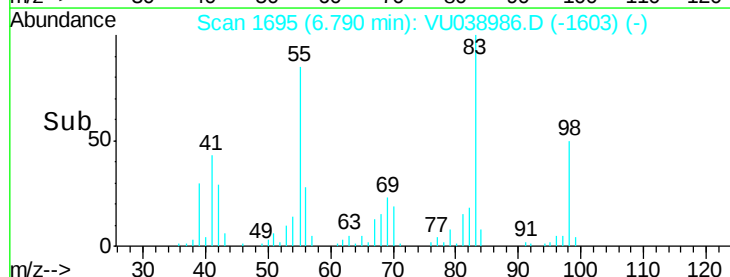
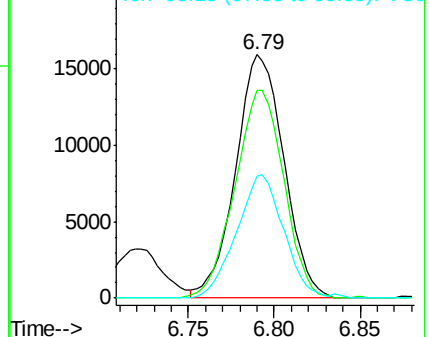
98 49.3 37.3 55.9

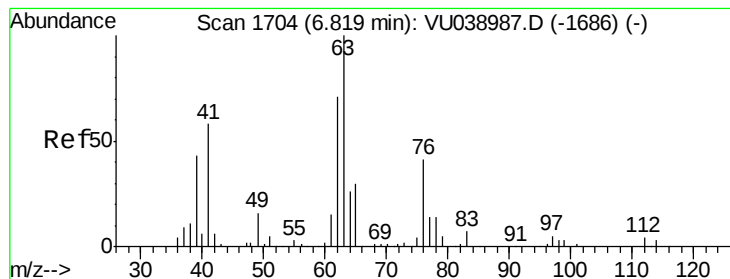


Abundance Ion 83.15 (82.85 to 83.85): VU038986.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038986.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038986.D (-1683) (-)





#37

1,2-Dichloropropane

Concen: 1.139 ug/L

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

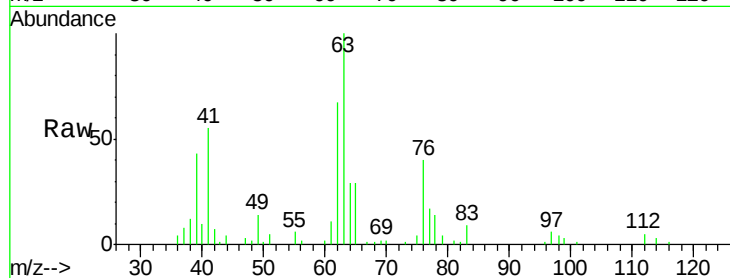
VSTD00106

Tgt Ion: 63 Resp: 24095

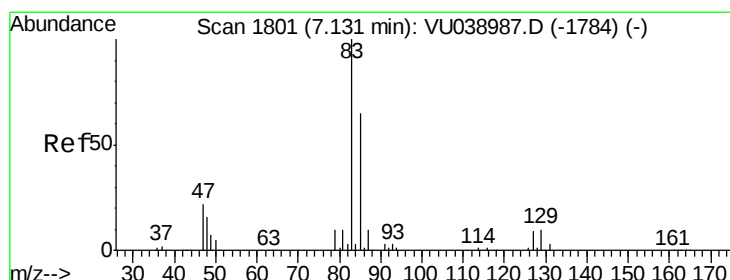
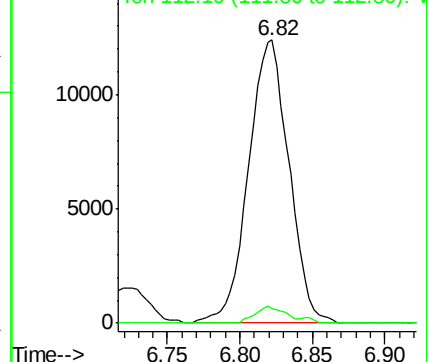
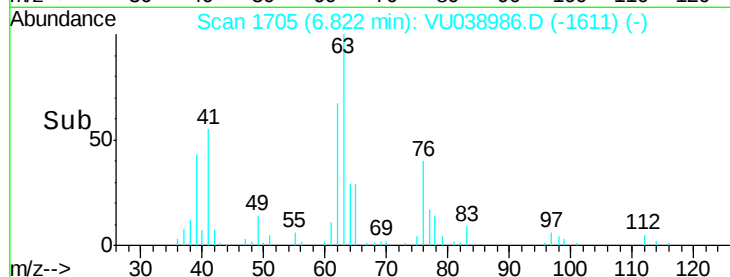
Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VU038986.D (-1611) (-)



#38

Bromodichloromethane

Concen: 1.026 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

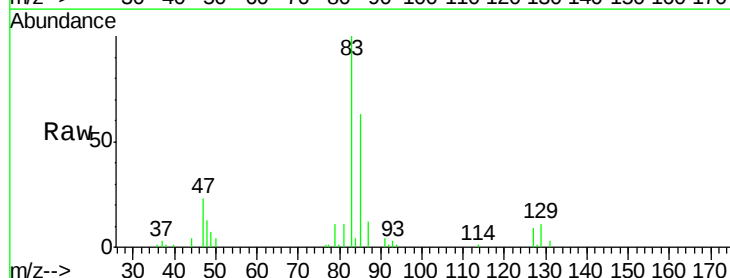
Tgt Ion: 83 Resp: 28923

Ion Ratio Lower Upper

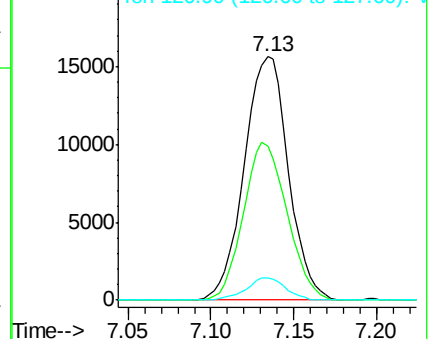
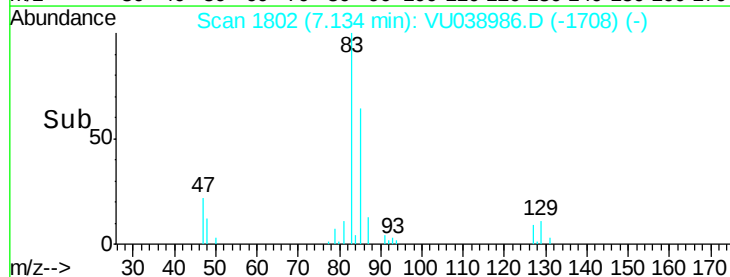
83 100

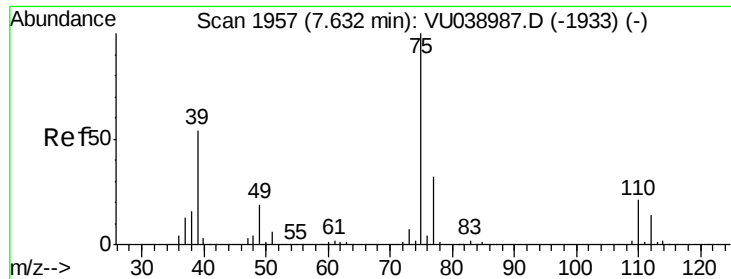
85 63.4 45.5 84.5

127 8.9 6.8 10.2



Abundance Ion 82.95 (82.65 to 83.65): VU038986.D (-1708) (-)

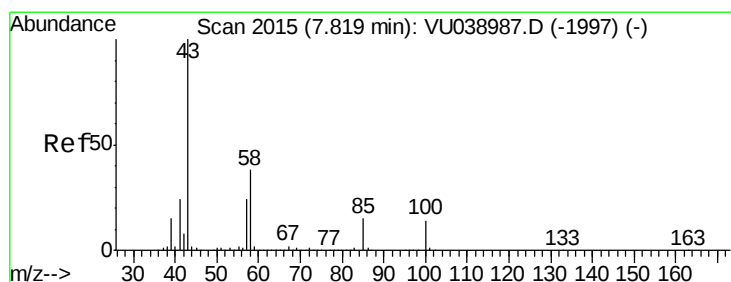
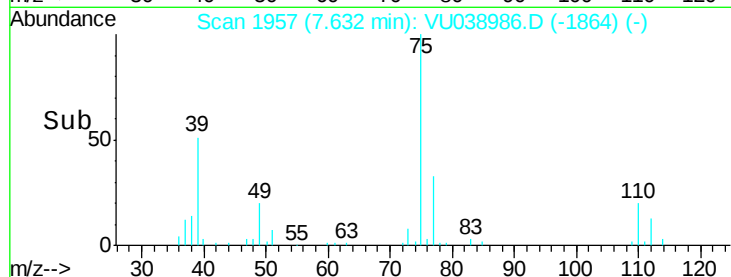
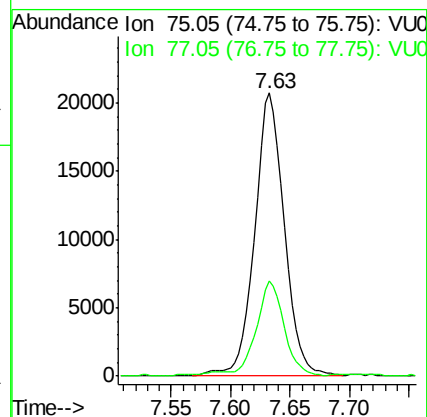
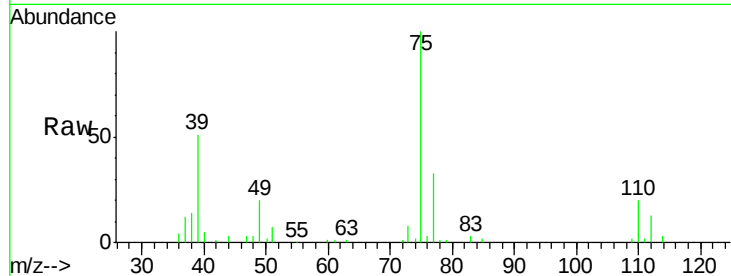




#39
 cis-1,3-Dichloropropene
 Concen: 1.124 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

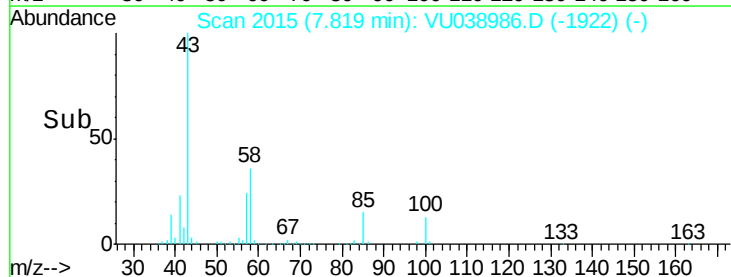
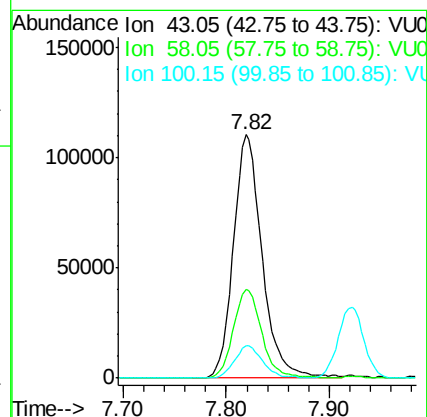
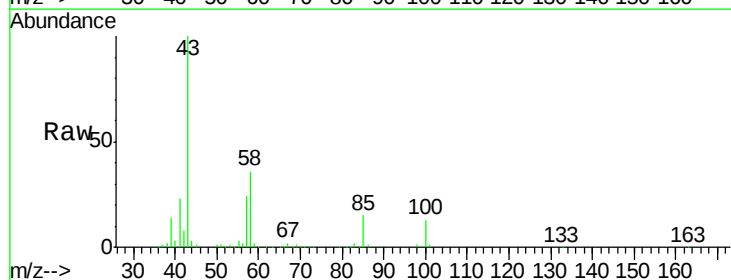
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

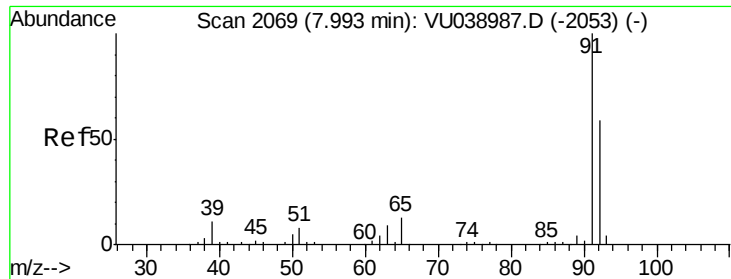
Tgt Ion: 75 Resp: 35769
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 13.728 ug/L
 RT: 7.82 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion: 43 Resp: 214248
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.5 44.3
 100 13.1 11.0 16.4





#42

Toluene

Concen: 1.208 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

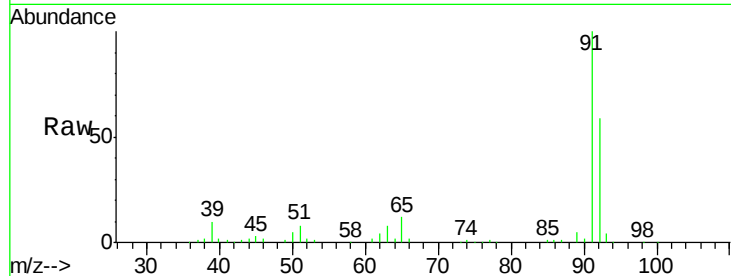
VSTD00106

Tgt Ion: 91 Resp: 103895

Ion Ratio Lower Upper

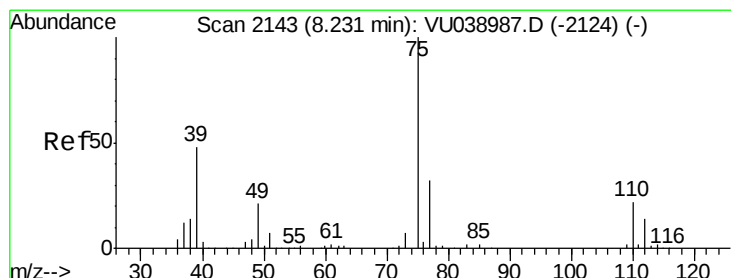
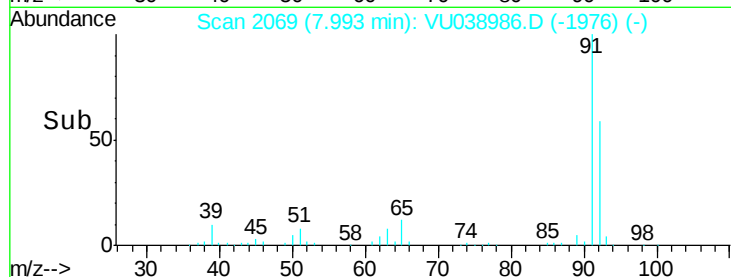
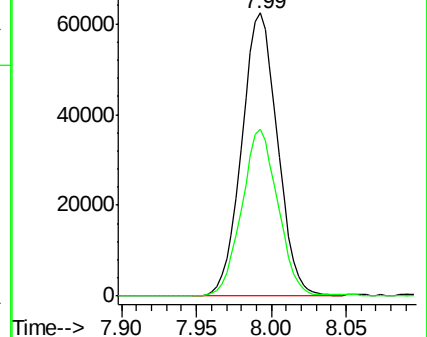
91 100

92 58.8 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU038987.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU038987.D (-2053) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.175 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU038986.D

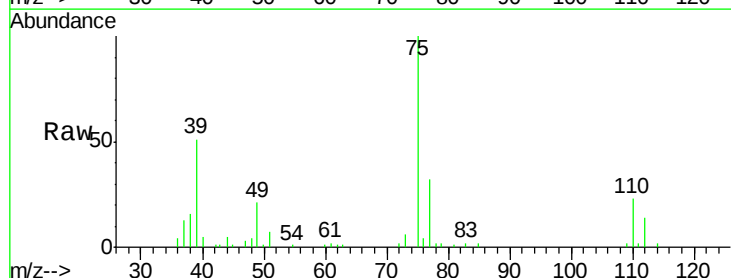
Acq: 19 Jun 2020 16:03

Tgt Ion: 75 Resp: 34740

Ion Ratio Lower Upper

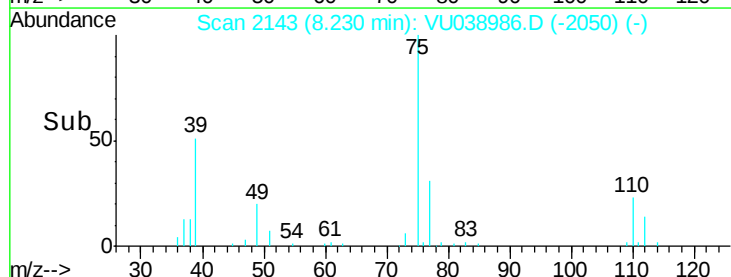
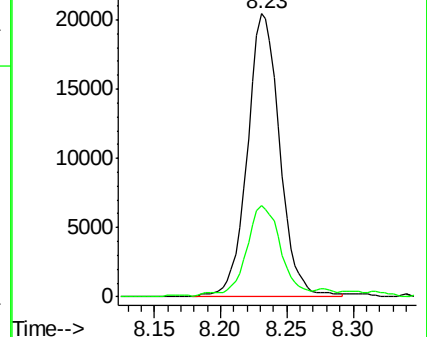
75 100

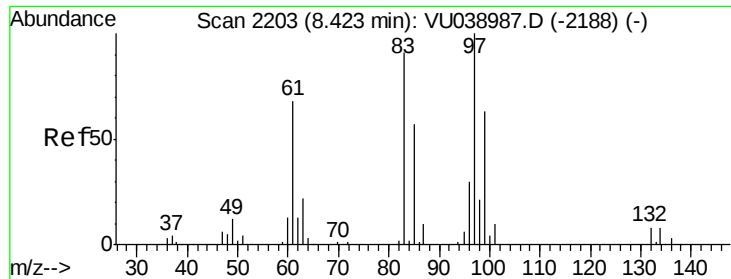
77 32.1 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU038987.D (-2124) (-)

Ion 77.05 (76.75 to 77.75): VU038987.D (-2124) (-)

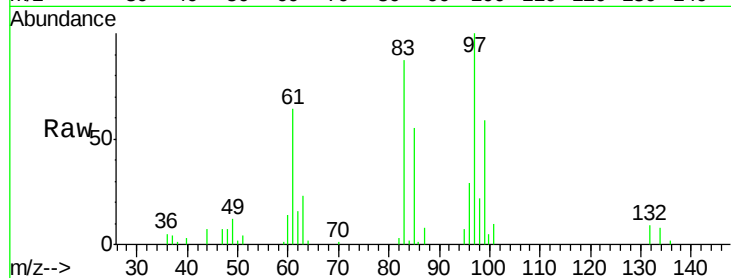




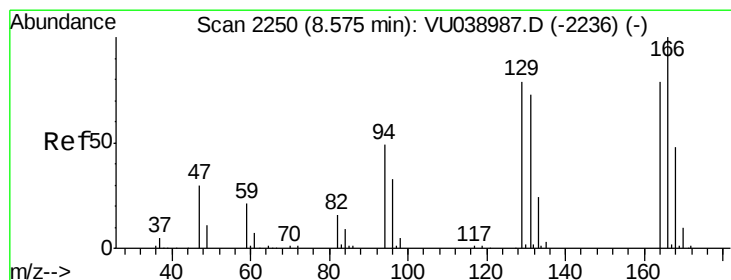
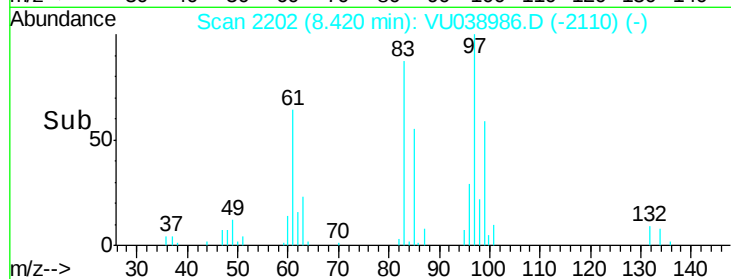
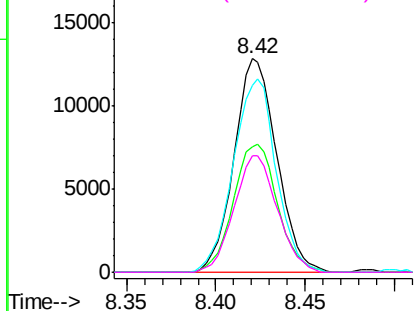
#45
 1,1,2-Trichloroethane
 Concen: 1.328 ug/L
 RT: 8.42 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:	97	Resp:	21442
Ion	Ratio	Lower	Upper
97	100		
99	59.0	44.0	81.8
83	87.4	63.6	118.0
85	54.5	39.7	73.7

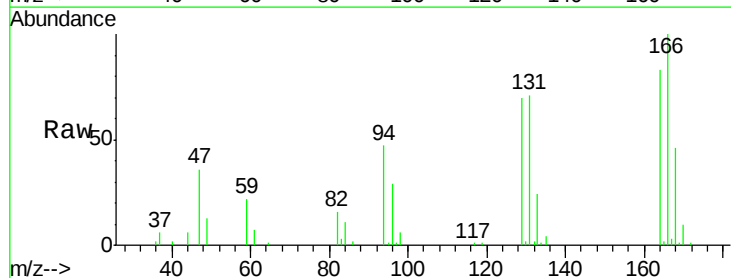


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

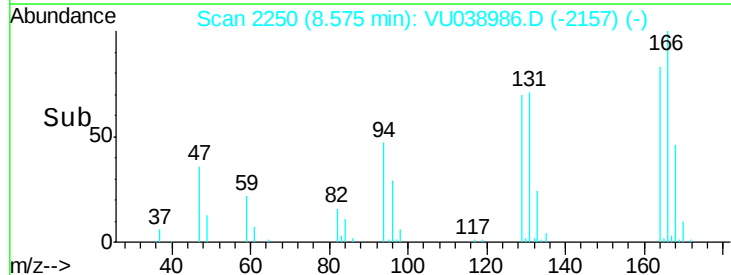
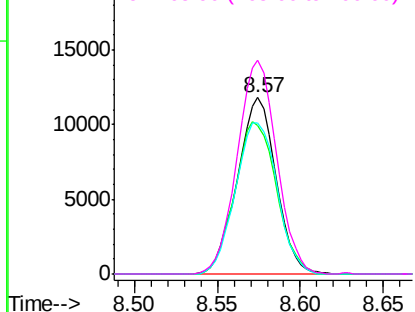


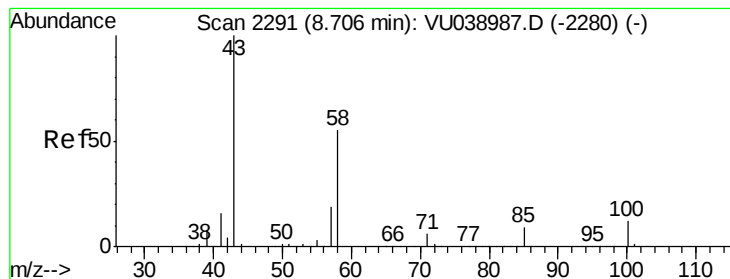
#47
 Tetrachloroethene
 Concen: 1.228 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion:	164	Resp:	19210
Ion	Ratio	Lower	Upper
164	100		
129	84.2	69.7	129.5
131	85.9	65.0	120.8
166	121.1	88.5	164.4



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: 13.859 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

Tgt Ion: 43 Resp: 154601

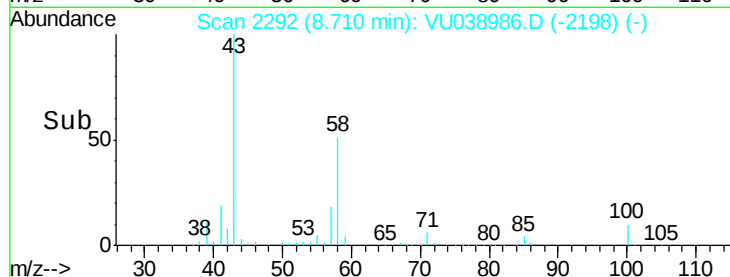
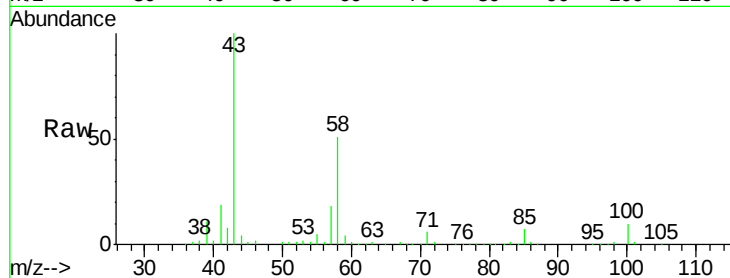
Ion Ratio Lower Upper

43 100

58 50.8 43.2 64.8

57 17.7 15.2 22.8

100 11.0 9.5 14.3

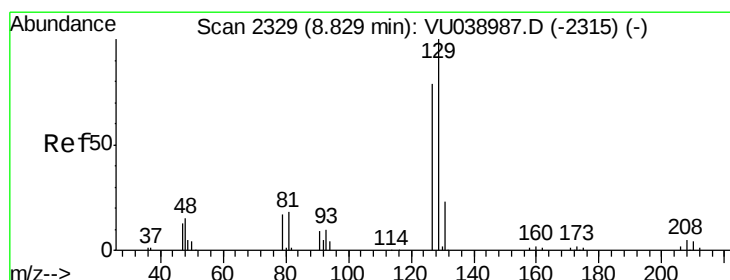
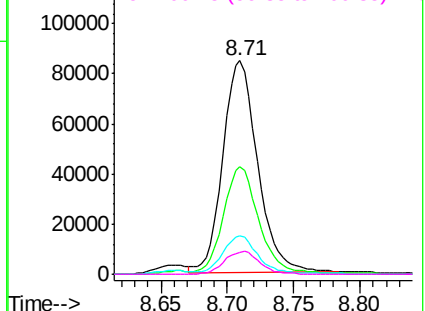


Abundance Ion 43.05 (42.75 to 43.75): VU038986.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VU038986.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VU038986.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VU038986.D (-2198) (-)



#49

Dibromochloromethane

Concen: 1.284 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038986.D

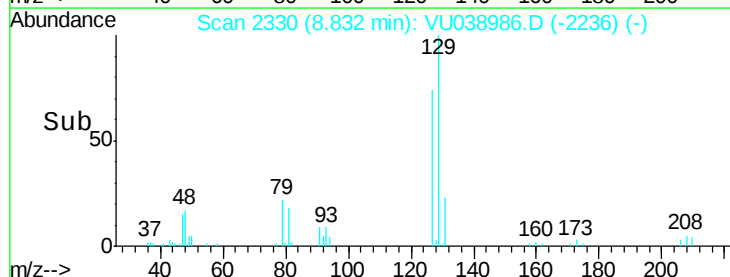
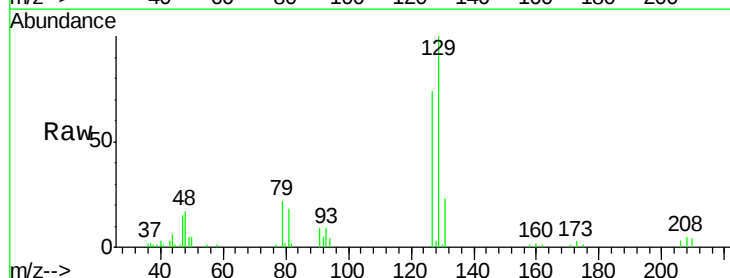
Acq: 19 Jun 2020 16:03

Tgt Ion: 129 Resp: 23612

Ion Ratio Lower Upper

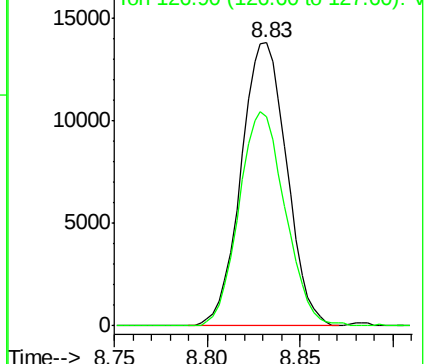
129 100

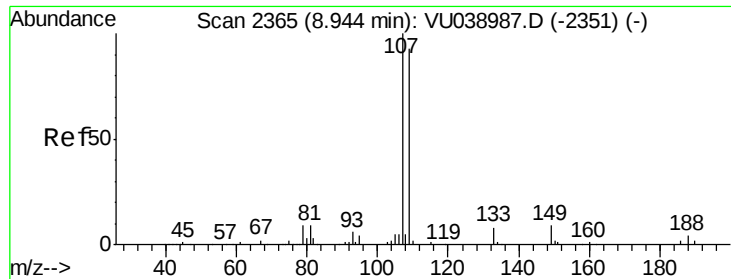
127 73.8 55.1 102.3



Abundance Ion 128.95 (128.65 to 129.65): VU038986.D (-2236) (-)

Ion 126.90 (126.60 to 127.60): VU038986.D (-2236) (-)

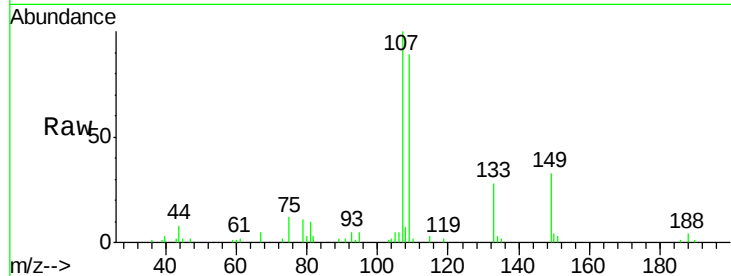




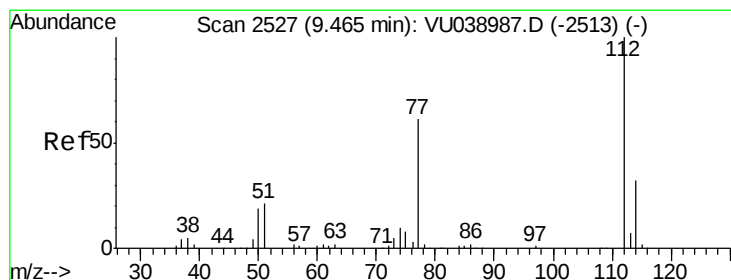
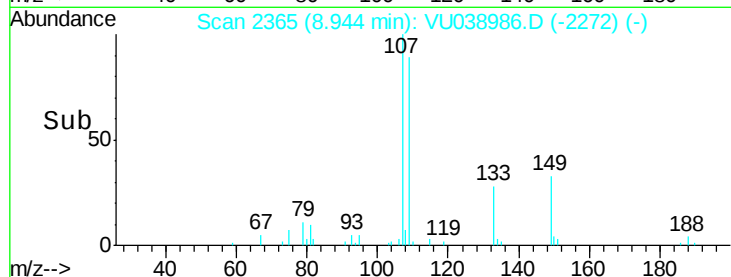
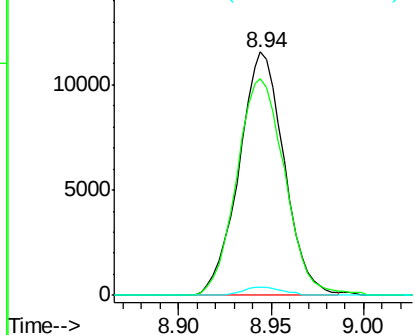
#50
1,2-Dibromoethane
Concen: 1.255 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. -0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

Tgt Ion:107 Resp: 19550
Ion Ratio Lower Upper
107 100
109 89.2 65.5 121.6
188 3.6 3.0 4.4

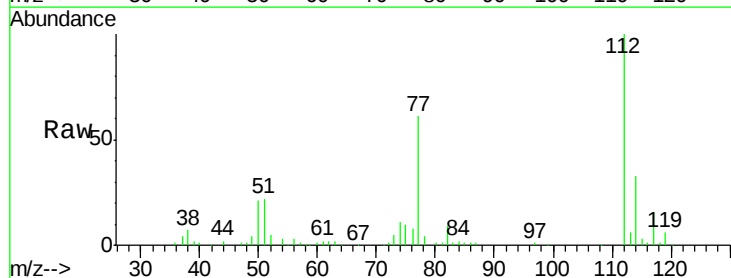


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

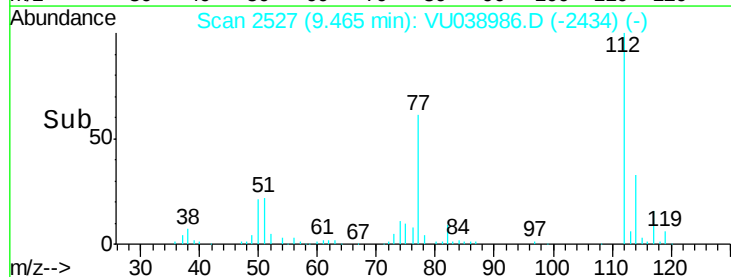
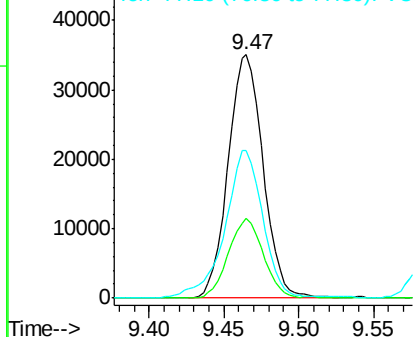


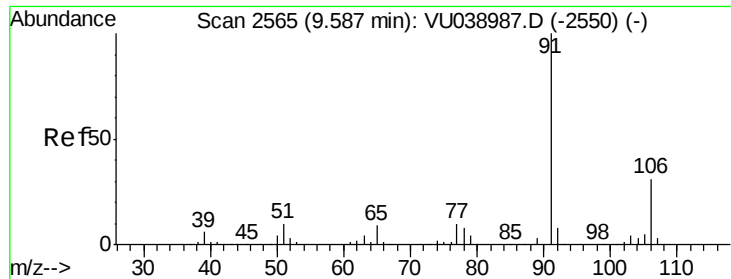
#51
Chlorobenzene
Concen: 1.064 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

Tgt Ion:112 Resp: 57184
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 60.9 49.0 73.4



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





#52

Ethylbenzene

Concen: 0.998 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

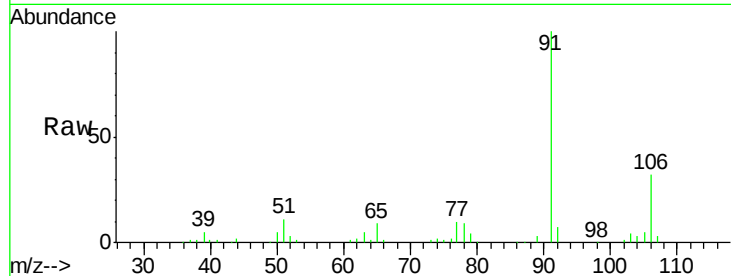
VSTD00106

Tgt Ion: 91 Resp: 89263

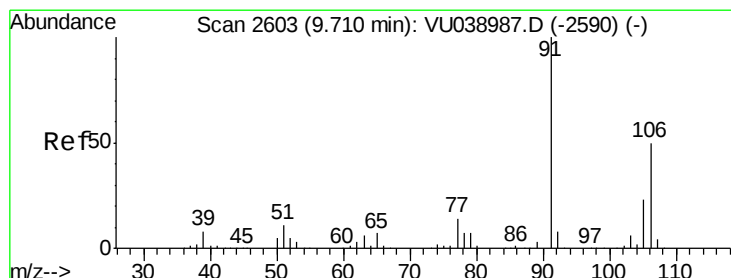
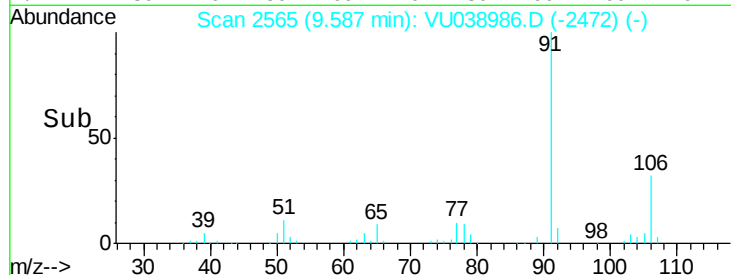
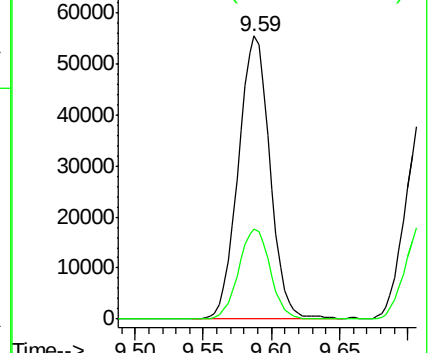
Ion Ratio Lower Upper

91 100

106 31.8 21.4 39.8



Abundance Ion 91.15 (90.85 to 91.85): VU038986.D (-2550) (-)



#53

m,p-Xylene

Concen: 0.919 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038986.D

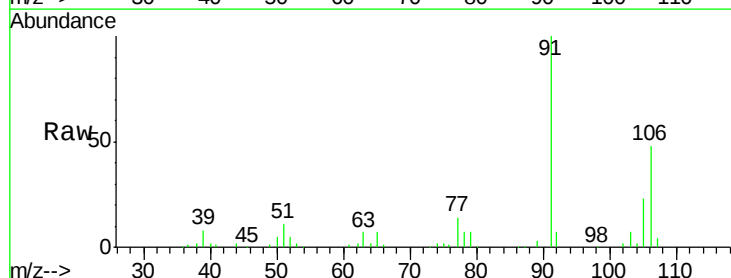
Acq: 19 Jun 2020 16:03

Tgt Ion: 106 Resp: 31728

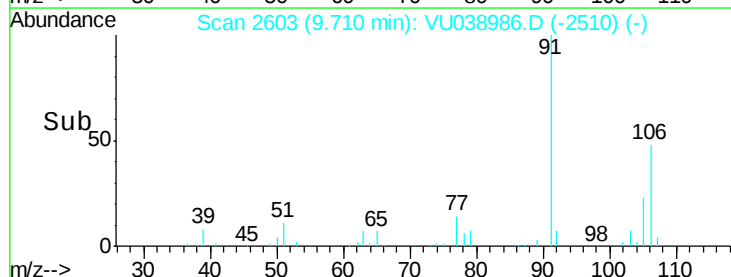
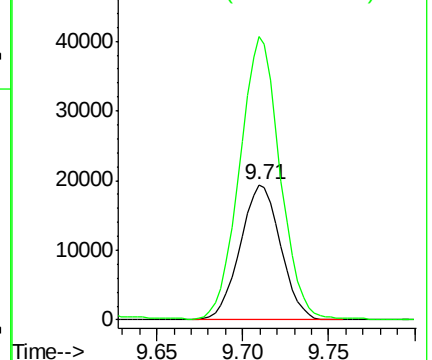
Ion Ratio Lower Upper

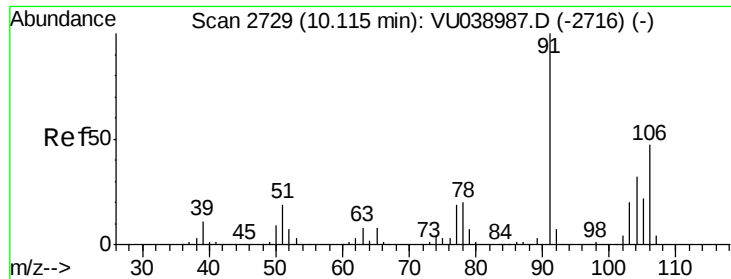
106 100

91 209.4 140.8 261.6



Abundance Ion 106.15 (105.85 to 106.85): VU038986.D (-2590) (-)

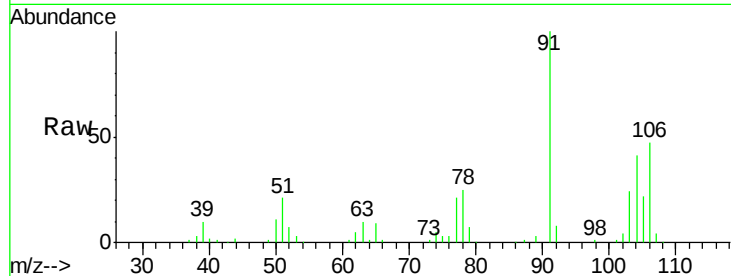




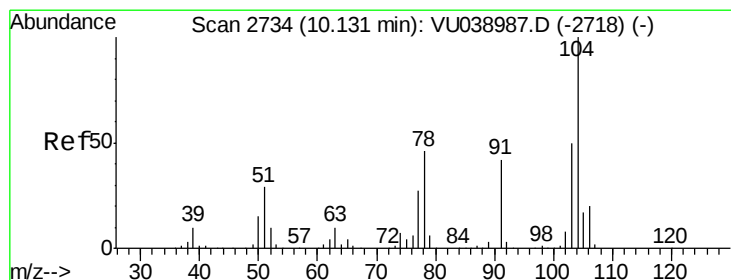
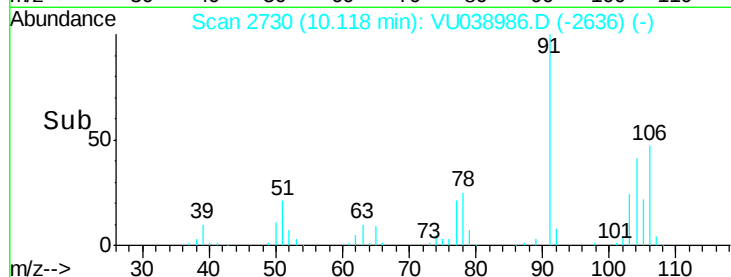
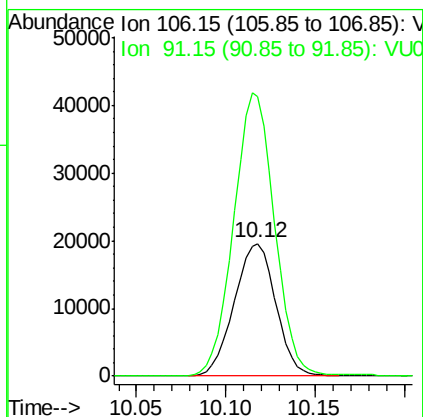
#54
o-Xylene
Concen: 0.961 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

Tgt Ion:106 Resp: 31771
Ion Ratio Lower Upper
106 100
91 211.0 148.2 275.2

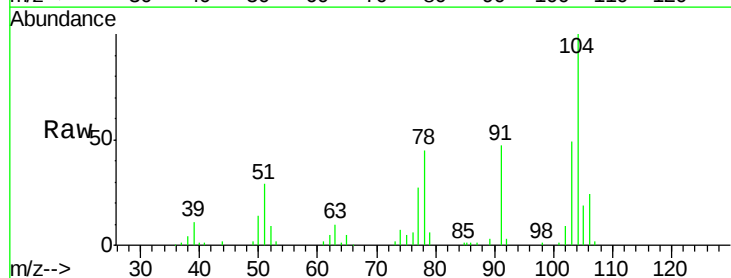


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

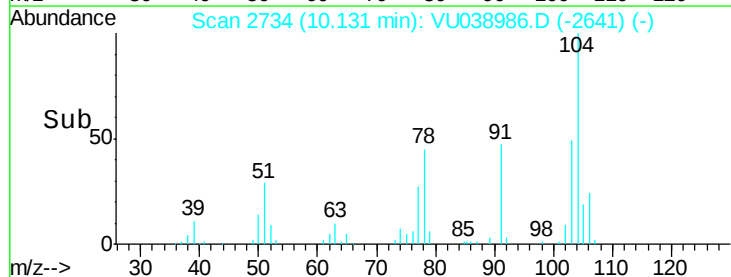
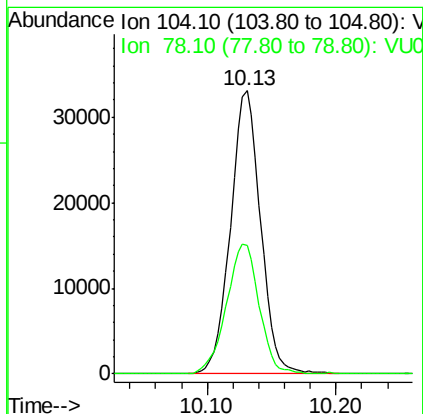


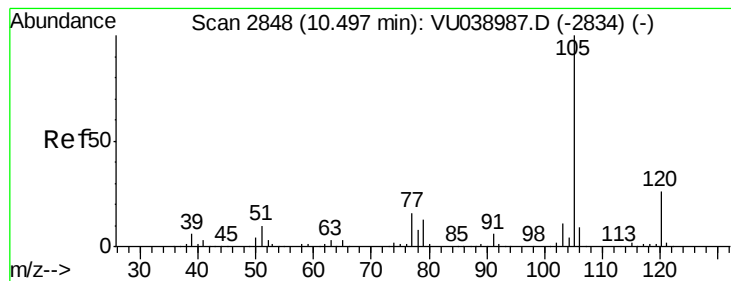
#55
Styrene
Concen: 0.938 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU038986.D
Acq: 19 Jun 2020 16:03

Tgt Ion:104 Resp: 53488
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: 0.921 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

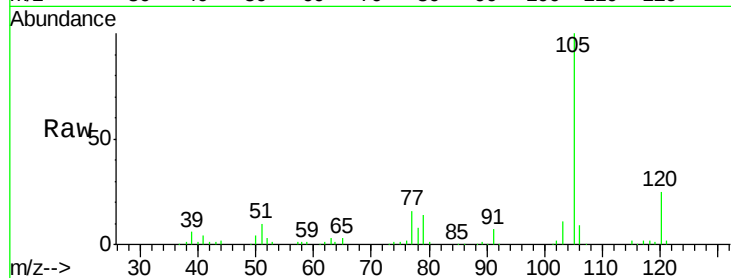
Tgt Ion: 105 Resp: 81093

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

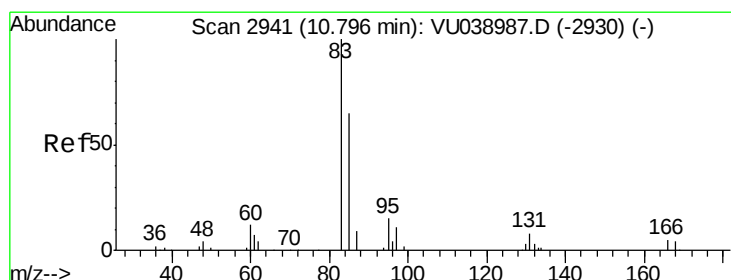
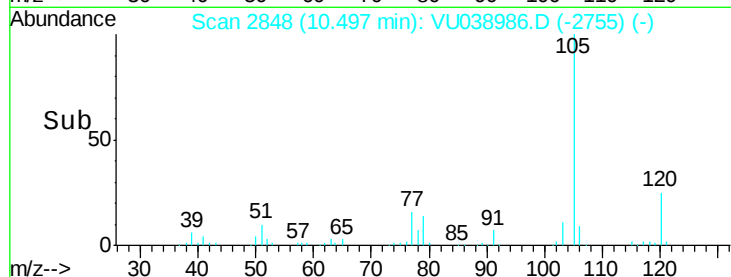
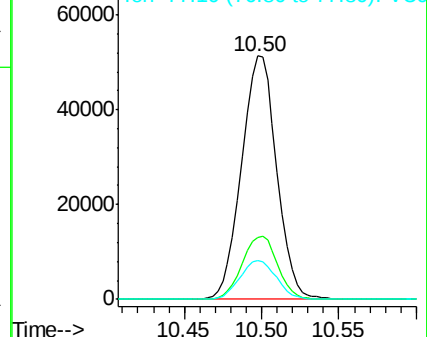
77 16.4 12.9 19.3



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: 1.078 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

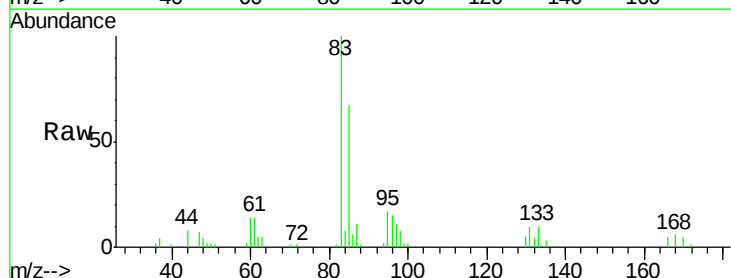
Tgt Ion: 83 Resp: 23158

Ion Ratio Lower Upper

83 100

85 66.9 45.6 84.6

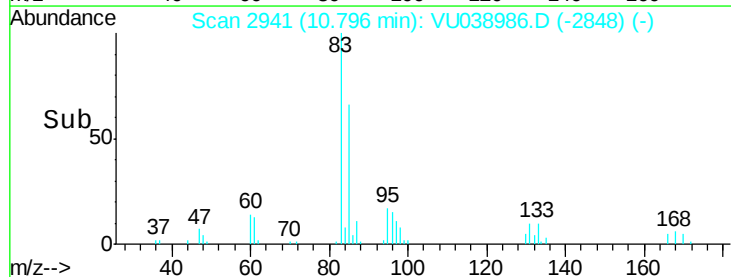
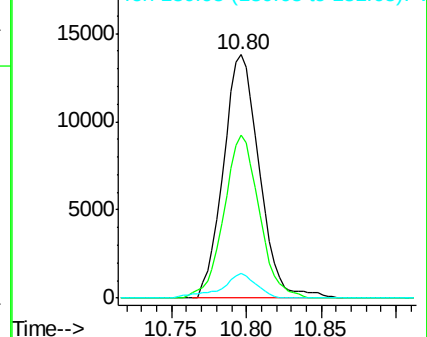
131 10.0 7.0 10.6

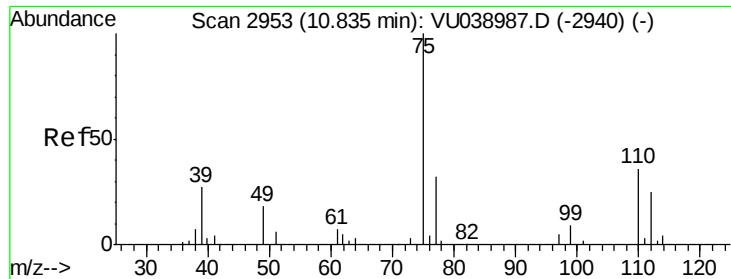


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

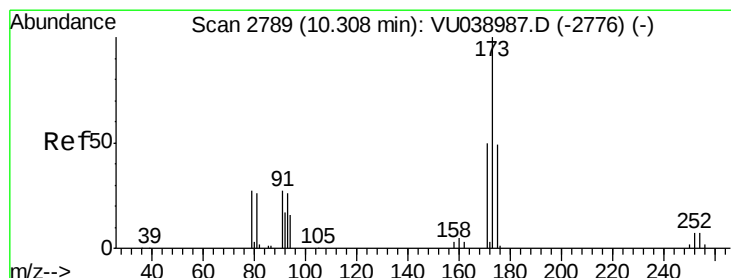
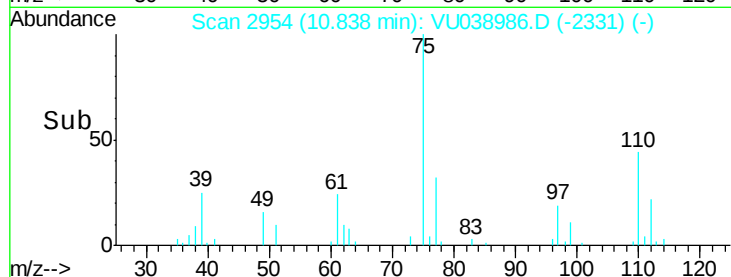
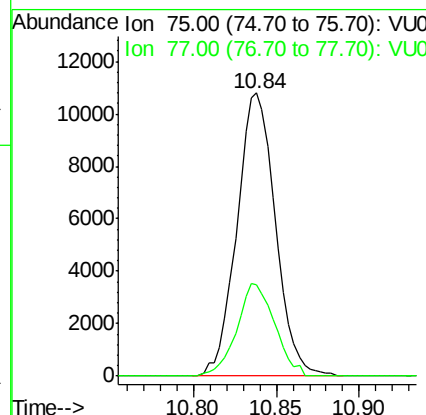
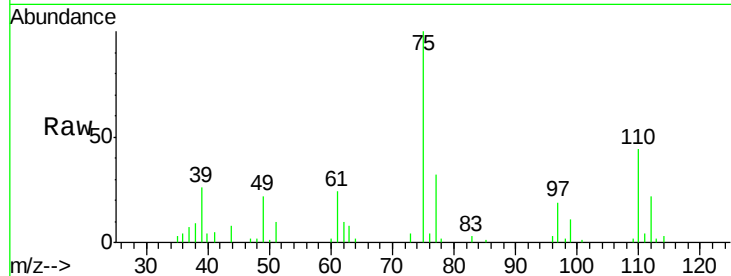




#59
 1,2,3-Trichloropropane
 Concen: 1.104 ug/L
 RT: 10.84 min Scan# 2954
 Delta R.T. 0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

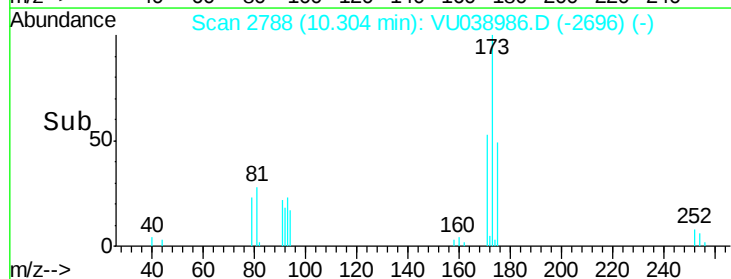
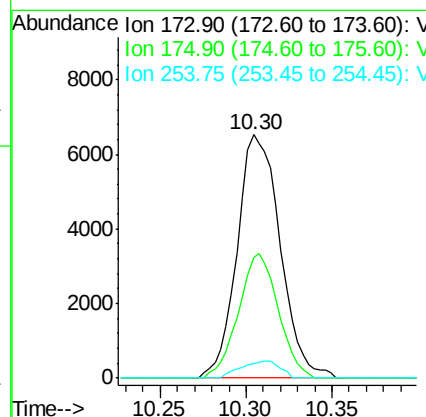
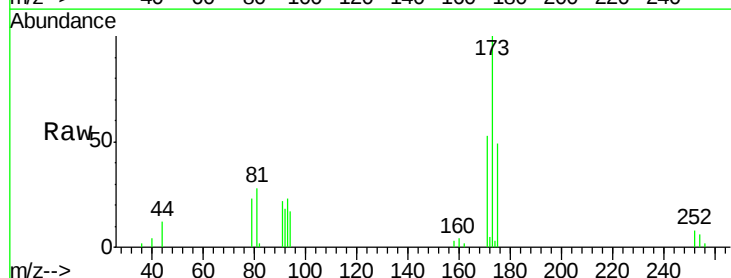
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

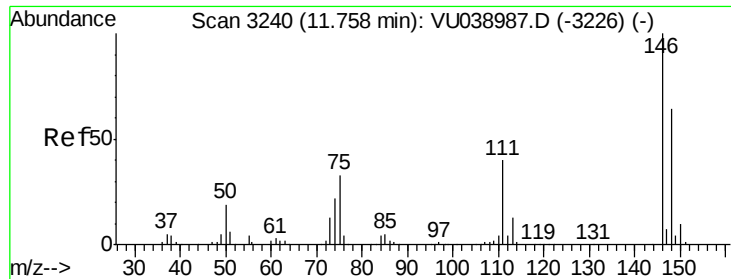
Tgt Ion: 75 Resp: 17427
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.9 38.9



#61
 Bromoform
 Concen: 1.028 ug/L
 RT: 10.30 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion: 173 Resp: 11359
 Ion Ratio Lower Upper
 173 100
 175 47.1 39.1 58.7
 254 6.4 5.6 8.4

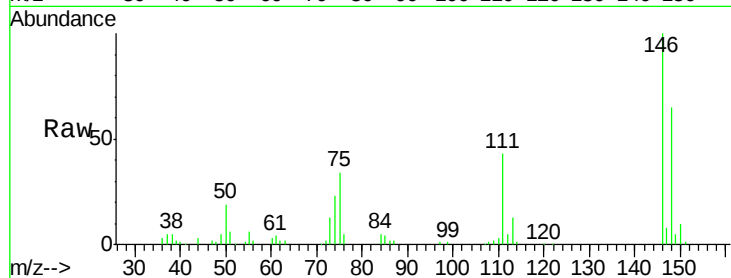




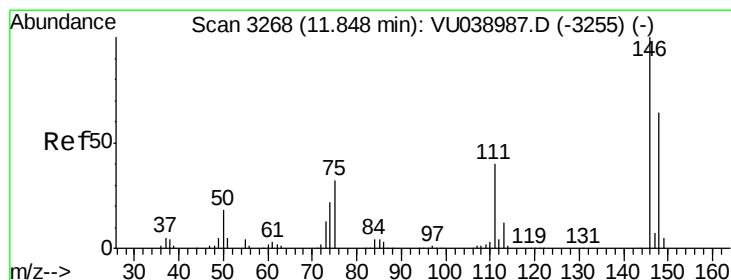
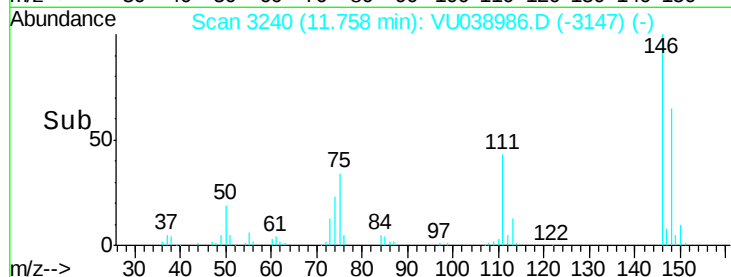
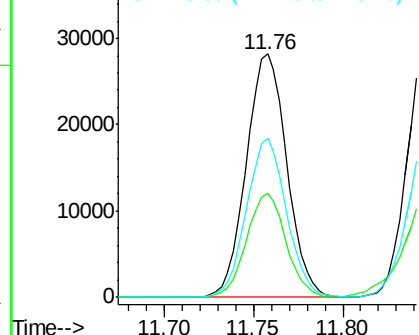
#62
 1,3-Dichlorobenzene
 Concen: 1.034 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:146 Resp: 44767
 Ion Ratio Lower Upper
 146 100
 111 42.6 27.8 51.6
 148 65.2 45.1 83.7

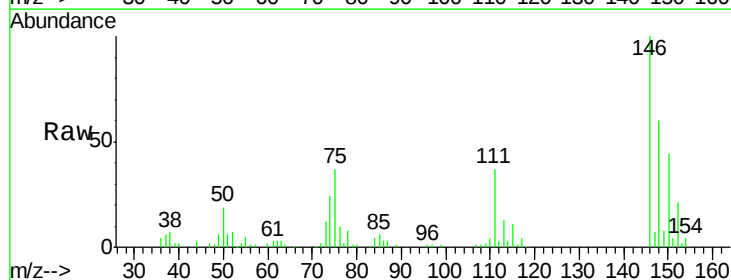


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

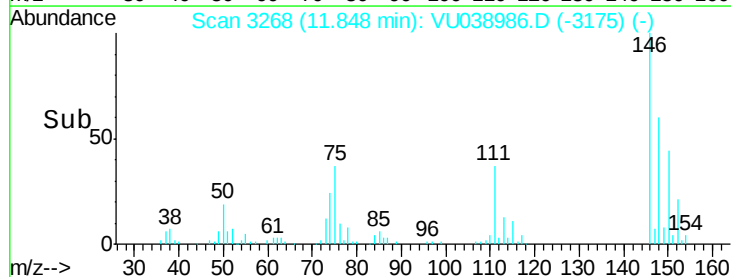
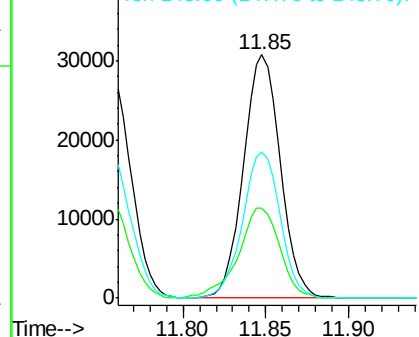


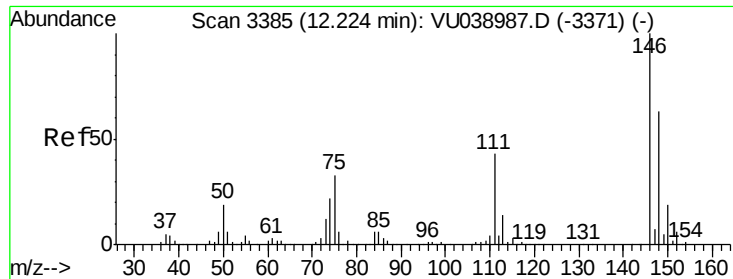
#63
 1,4-Dichlorobenzene
 Concen: 1.074 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion:146 Resp: 47627
 Ion Ratio Lower Upper
 146 100
 111 37.1 28.1 52.3
 148 59.9 45.0 83.6



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

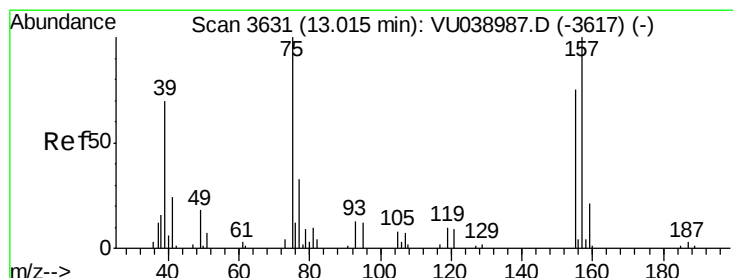
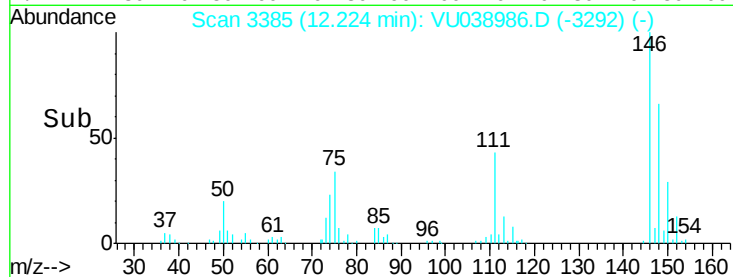
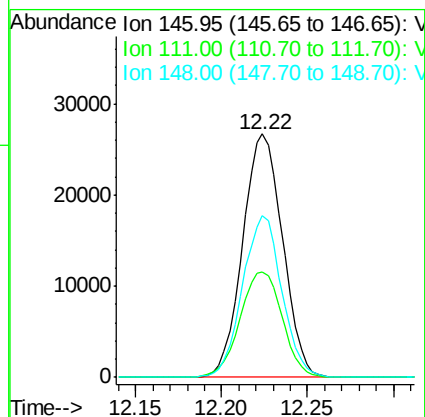
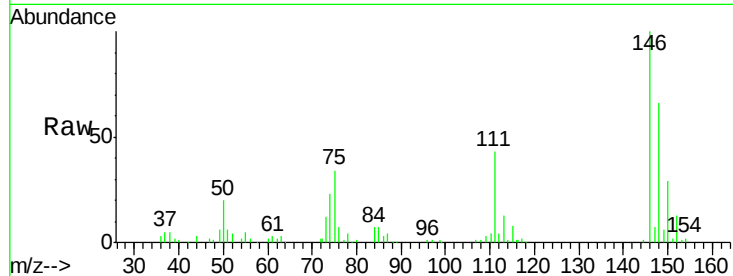




#65
 1,2-Dichlorobenzene
 Concen: 1.010 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

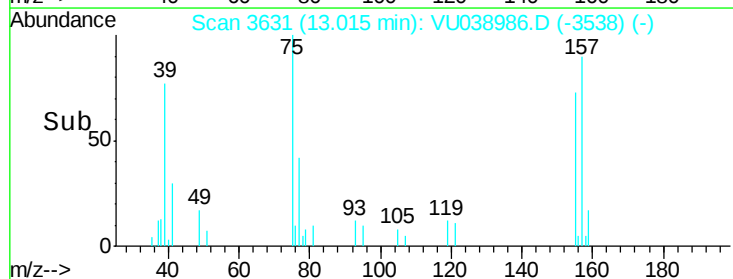
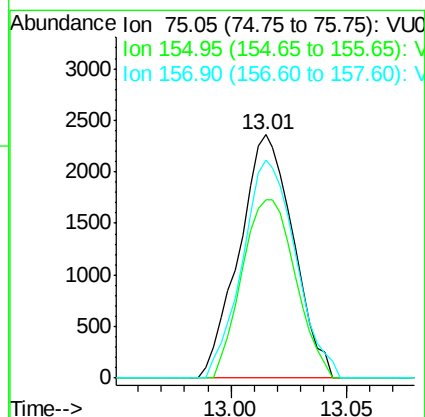
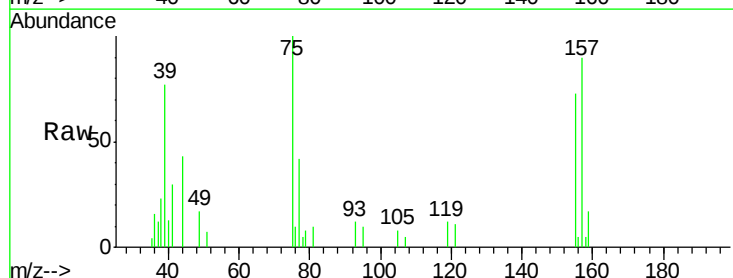
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

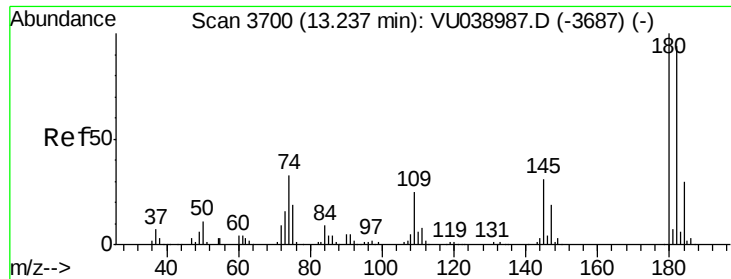
Tgt Ion: 146 Resp: 43024
 Ion Ratio Lower Upper
 146 100
 111 43.3 34.4 51.6
 148 66.3 50.6 75.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.923 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion: 75 Resp: 3824
 Ion Ratio Lower Upper
 75 100
 155 73.4 59.9 89.9
 157 89.8 79.9 119.9

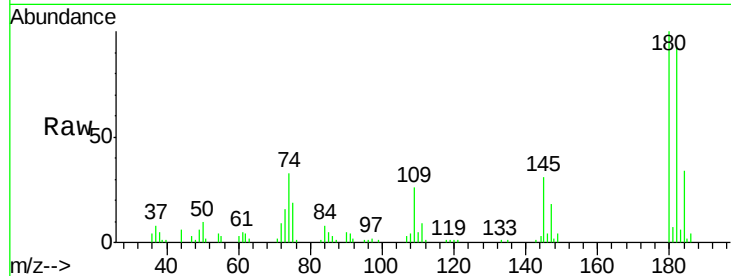




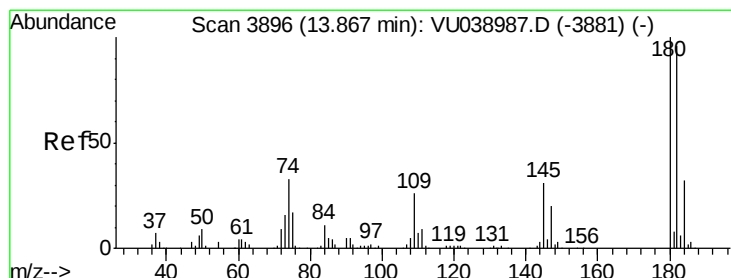
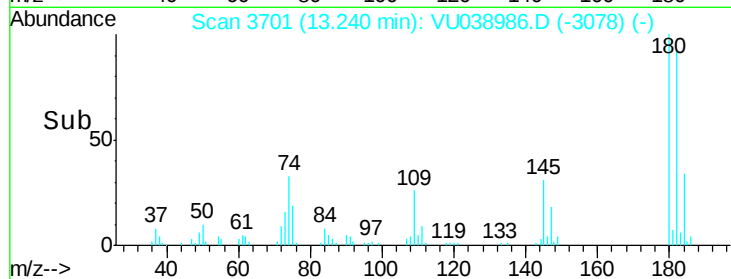
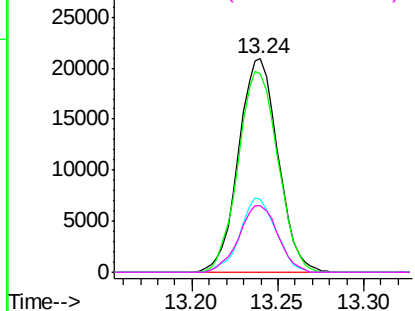
#67
 1,3,5-Trichlorobenzene
 Concen: 0.966 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:180 Resp: 33427
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.0 114.0
 184 31.7 24.2 36.2
 145 30.9 24.6 36.8

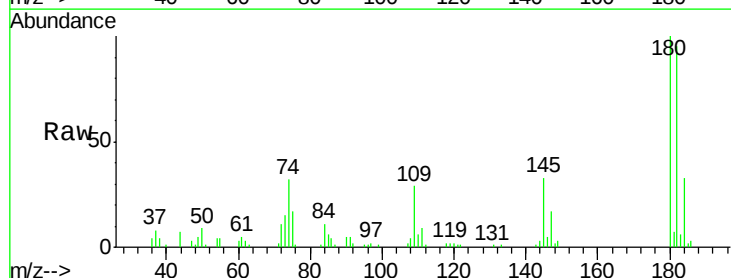


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

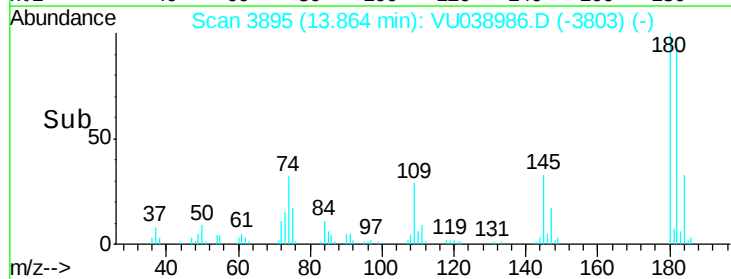
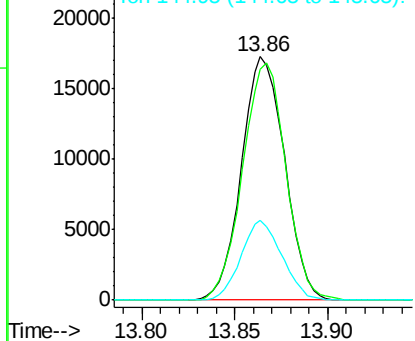


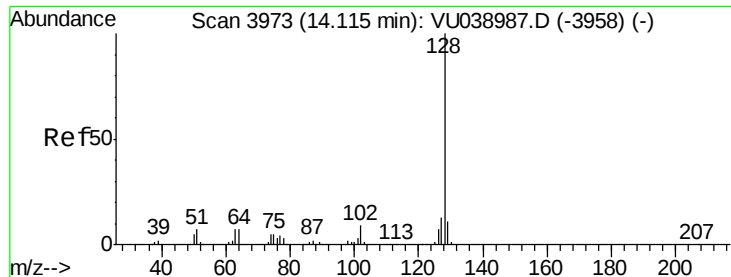
#68
 1,2,4-trichlorobenzene
 Concen: 0.896 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU038986.D
 Acq: 19 Jun 2020 16:03

Tgt Ion:180 Resp: 28003
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.0 114.0
 145 30.9 25.0 37.6



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





#69

Naphthalene

Concen: 0.769 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

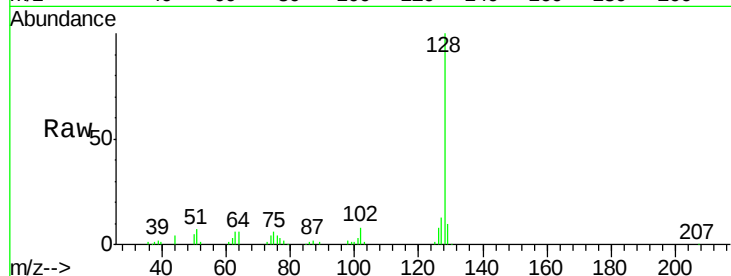
Tgt Ion:128 Resp: 45981

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

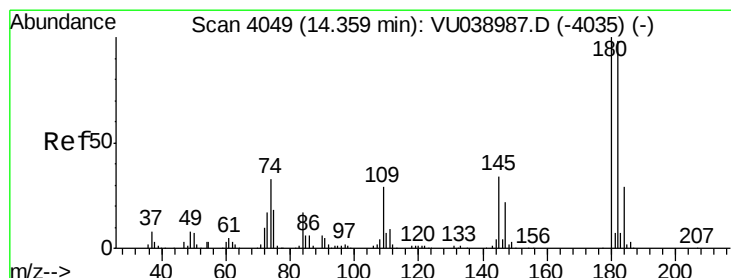
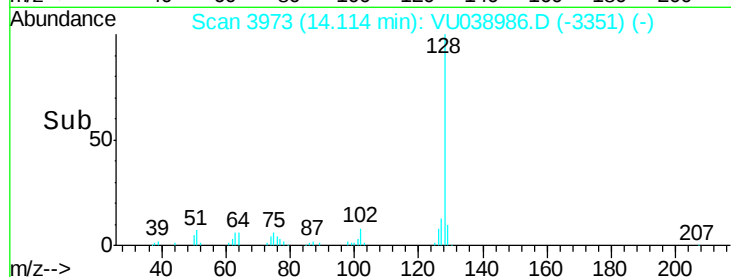
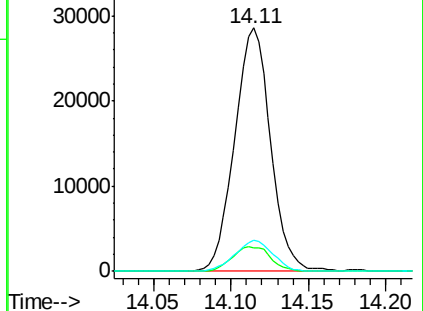
127 13.4 11.0 16.6



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: 0.876 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038986.D

Acq: 19 Jun 2020 16:03

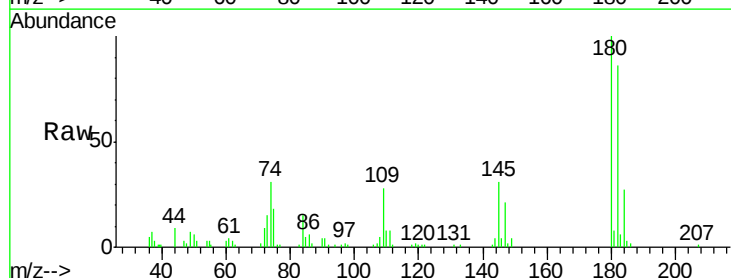
Tgt Ion:180 Resp: 25920

Ion Ratio Lower Upper

180 100

182 92.5 77.3 115.9

145 34.9 26.9 40.3



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

