

Data File : VW006874.D
Acq On : 14 Nov 2018 13:47
Operator : SY/AP
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

Quant Time: Nov 14 14:42:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 14 14:39:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	145326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	138323	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	69059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	5480	3.34	ug/L	0.00
7) Chloroethane-d5	2.89	69	4219	2.99	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	16442	5.22	ug/L	0.00
20) 2-Butanone-d5	7.09	46	8477	15.60	ug/L	0.00
24) Chloroform-d	7.65	84	16660	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	10317	5.92	ug/L	0.00
29) Benzene-d6	8.28	84	36647	5.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	11803	6.23	ug/L	0.00
37) Toluene-d8	10.33	98	36884	5.87	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5138	5.58	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6160	13.45	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11099	6.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	13597	5.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	11326	8.246 ug/L	98
3) Chloromethane	2.21	50	8511	6.310 ug/L	97
5) Vinyl chloride	2.35	62	8511	3.915 ug/L	94
6) Bromomethane	2.78	94	3529	2.085 ug/L	98
8) Chloroethane	2.92	64	4756	3.569 ug/L	90
9) Trichlorofluoromethane	3.26	101	14767	8.490 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	6270	3.606 ug/L #	44
12) 1,1-Dichloroethene	4.04	96	8805	5.277 ug/L	88
13) Acetone	4.15	43	5224	9.518 ug/L	95
14) Carbon disulfide	4.39	76	30004	5.501 ug/L	99
15) Methyl Acetate	4.68	43	4047	4.553 ug/L #	68
16) Methylene chloride	4.92	84	16720	8.911 ug/L	92
17) Methyl tert-butyl Ether	5.43	73	26808	9.870 ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	10181	5.511 ug/L	86
19) 1,1-Dichloroethane	6.23	63	16763	5.608 ug/L	95
21) 2-Butanone	7.19	43	9436	12.939 ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	10589	5.255 ug/L	91
23) Bromochloromethane	7.52	128	4289	4.525 ug/L	89
25) Chloroform	7.68	83	17353	5.393 ug/L	99
27) 1,2-Dichloroethane	8.40	62	12208	5.566 ug/L #	91
30) Cyclohexane	7.95	56	19329	6.358 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	16290	5.628 ug/L	99
32) Carbon tetrachloride	8.07	117	14150	4.985 ug/L	100
34) Benzene	8.33	78	40853	5.753 ug/L	100
35) Trichloroethene	9.09	95	11278	5.645 ug/L	99
36) Methylcyclohexane	9.34	83	20656	5.643 ug/L	97
40) 1,2-Dichloropropane	9.37	63	10521	5.973 ug/L	98
41) Bromodichloromethane	9.65	83	12519	5.263 ug/L #	93
42) cis-1,3-Dichloropropene	10.08	75	15659	5.443 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	17295	12.253 ug/L	100

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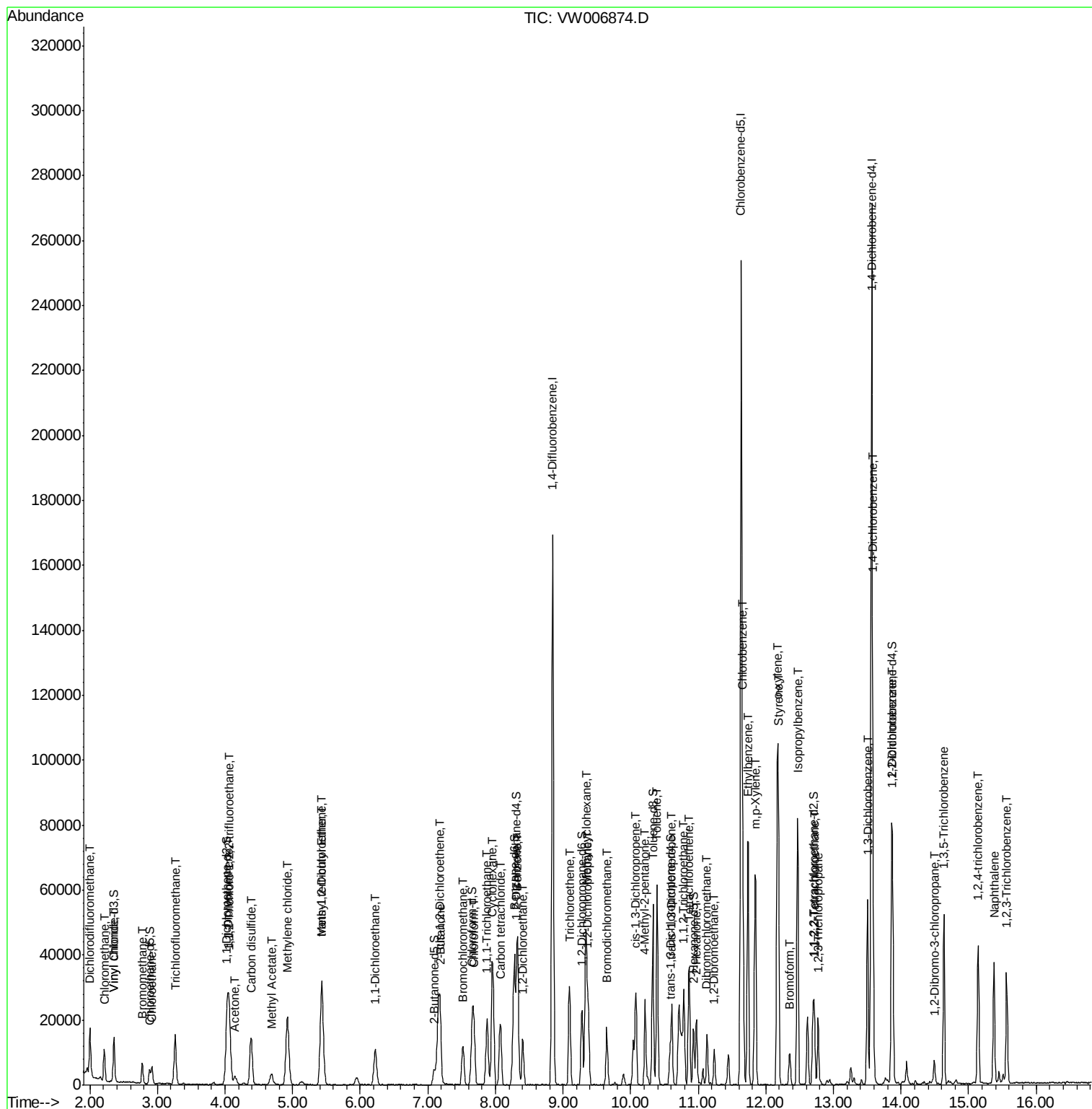
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	45654	5.726	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	13266	5.279	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	8717	5.943	ug/L	95
47) Tetrachloroethene	10.87	164	8150	4.407	ug/L	91
49) 2-Hexanone	10.98	43	12569	12.083	ug/L	98
50) Dibromochloromethane	11.13	129	8720	4.638	ug/L	95
51) 1,2-Dibromoethane	11.24	107	7854	5.144	ug/L	92
52) Chlorobenzene	11.66	112	28889	5.354	ug/L	98
53) Ethylbenzene	11.74	91	55792	6.011	ug/L	95
54) m,p-Xylene	11.85	106	21362	5.871	ug/L	95
55) o-xylene	12.17	106	19654	5.657	ug/L	99
56) Styrene	12.19	104	32548	5.440	ug/L	95
57) Isopropylbenzene	12.47	105	53738	5.559	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	10847	5.690	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	8472	5.957	ug/L	97
62) Bromoform	12.35	173	4296	3.713	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	23526	5.547	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	23147	5.420	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	21286	5.456	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1983	6.315	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	14988	4.384	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	12857	4.411	ug/L	99
69) Naphthalene	15.38	128	32410	5.492	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	11596	4.428	ug/L	99

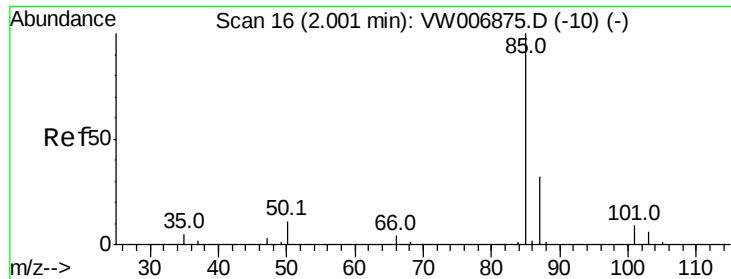
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 8.246 ug/L

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

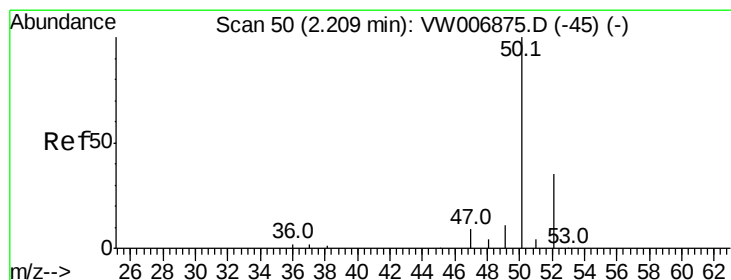
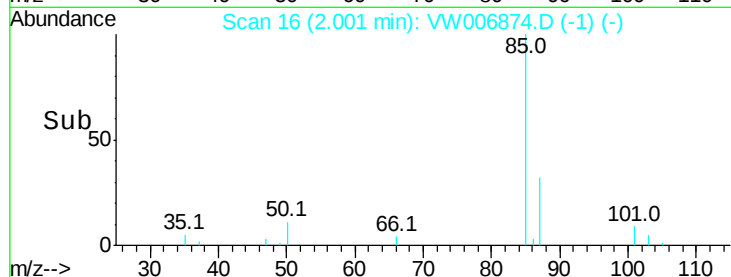
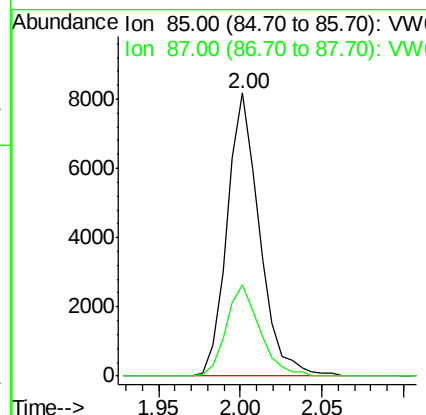
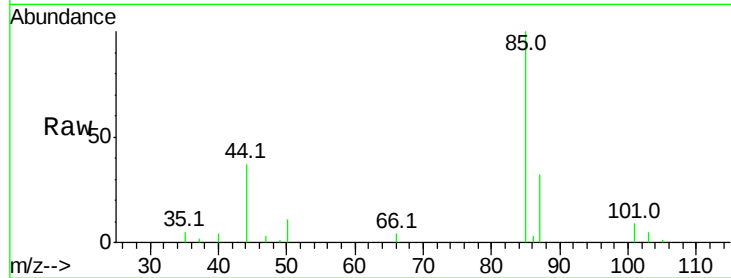
VSTD00582

Tgt Ion: 85 Resp: 11326

Ion Ratio Lower Upper

85 100

87 33.3 22.6 42.0



#3

Chloromethane

Concen: 6.310 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW006874.D

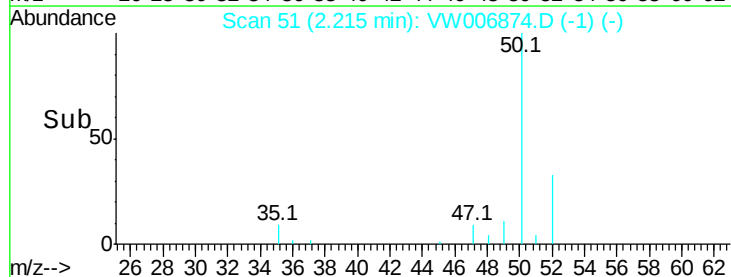
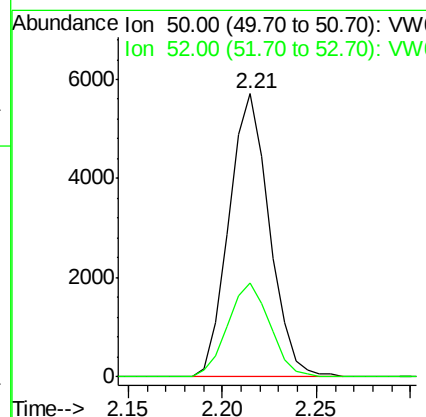
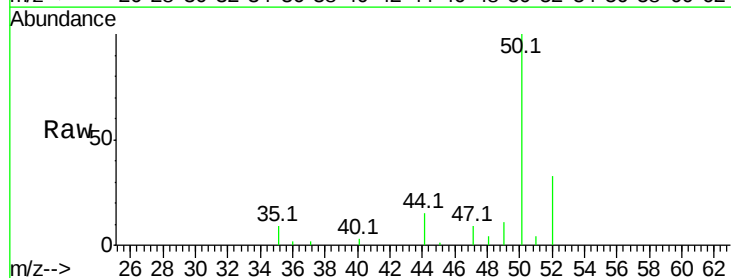
Acq: 14 Nov 2018 13:47

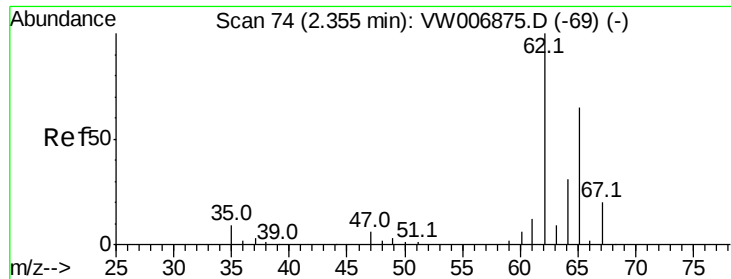
Tgt Ion: 50 Resp: 8511

Ion Ratio Lower Upper

50 100

52 33.1 24.4 45.4





#5

Vinyl chloride

Concen: 3.915 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

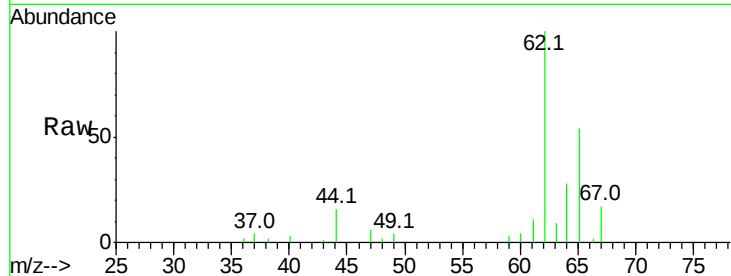
VSTD00582

Tgt Ion: 62 Resp: 8511

Ion Ratio Lower Upper

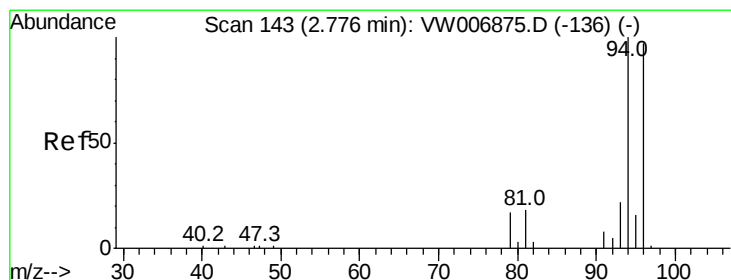
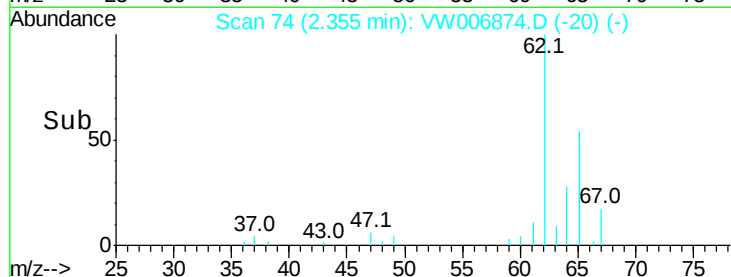
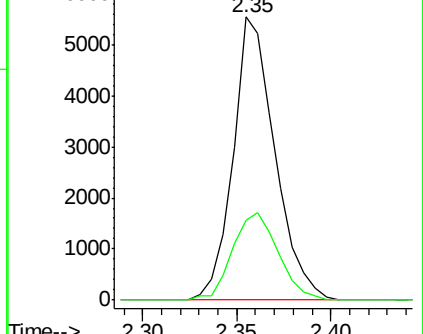
62 100

64 28.1 21.9 40.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 2.085 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006874.D

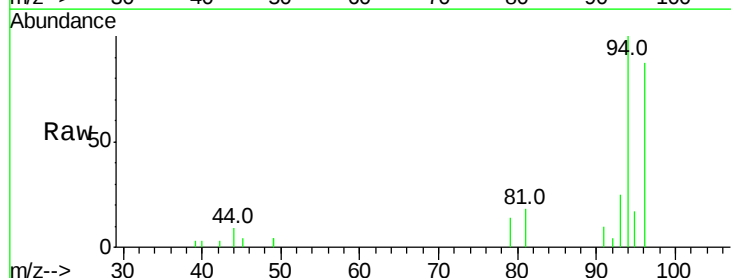
Acq: 14 Nov 2018 13:47

Tgt Ion: 94 Resp: 3529

Ion Ratio Lower Upper

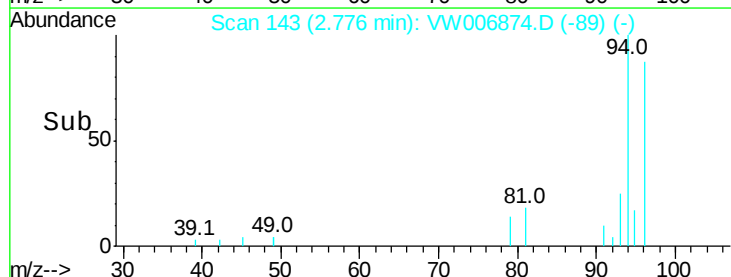
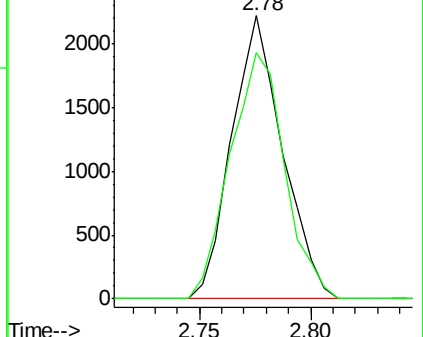
94 100

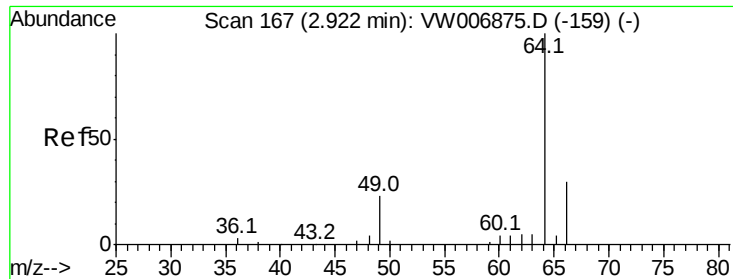
96 92.9 9.4 179.5



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

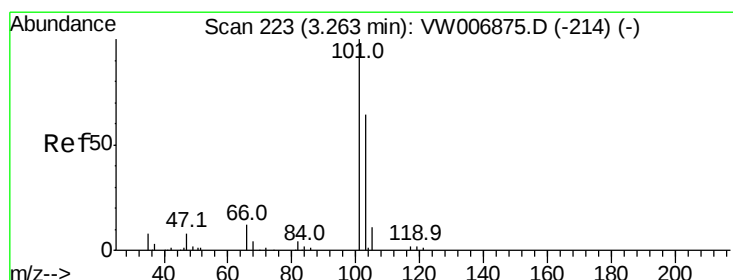
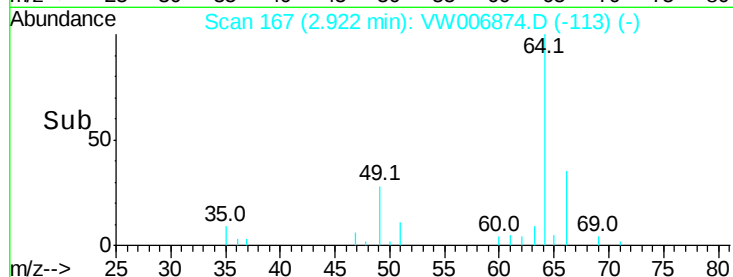
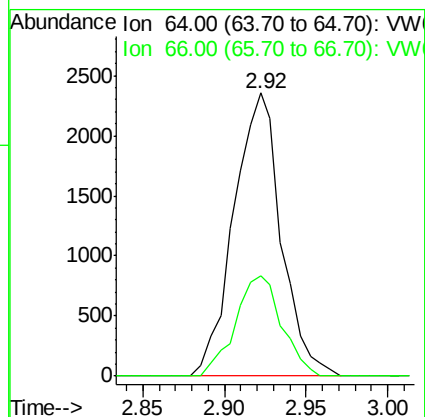
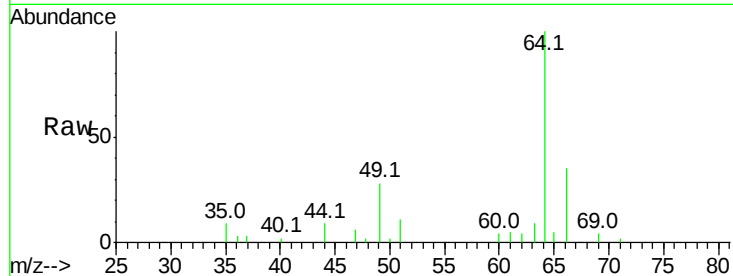




#8
 Chloroethane
 Concen: 3.569 ug/L
 RT: 2.92 min Scan# 167
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

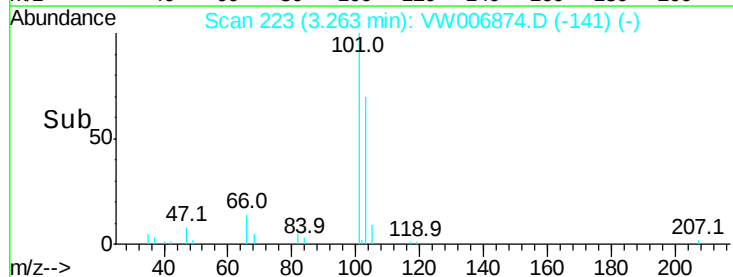
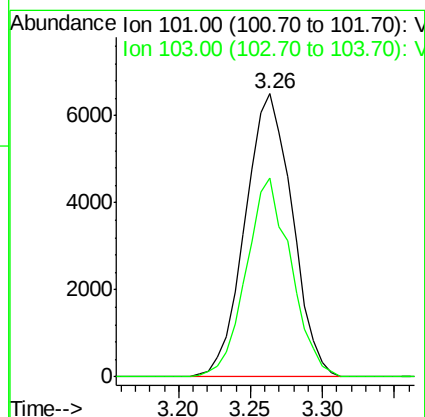
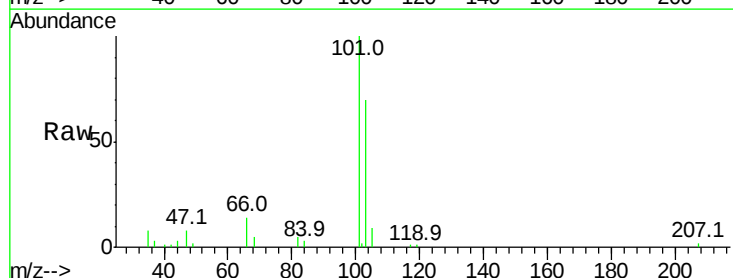
Instrument :
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 ClientSampleId :
 VSTD00582

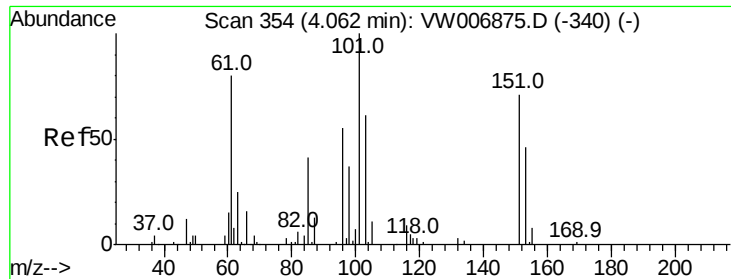
Tgt Ion: 64 Resp: 4756
 Ion Ratio Lower Upper
 64 100
 66 35.2 20.8 38.6



#9
 Trichlorofluoromethane
 Concen: 8.490 ug/L
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion: 101 Resp: 14767
 Ion Ratio Lower Upper
 101 100
 103 66.7 46.1 85.5





#11

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

Concen: 3.606 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD00582

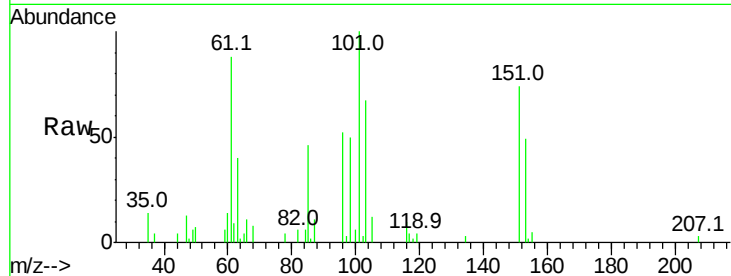
Tgt Ion:101 Resp: 6270

Ion Ratio Lower Upper

101 100

85 73.1 33.8 50.8#

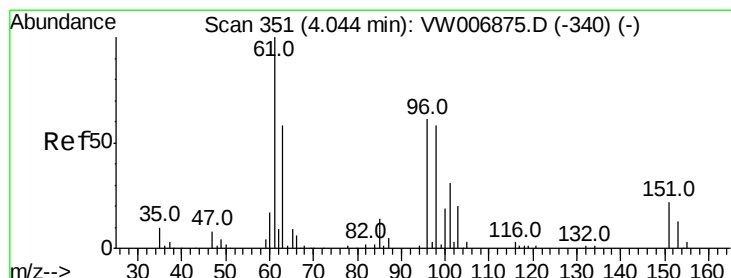
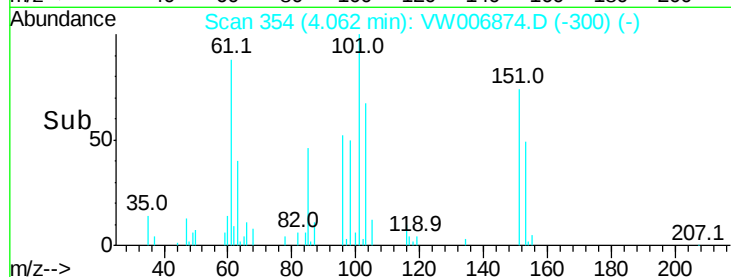
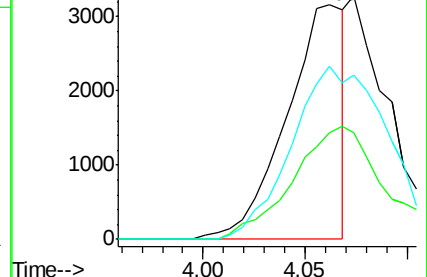
151 121.8 57.5 86.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.277 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

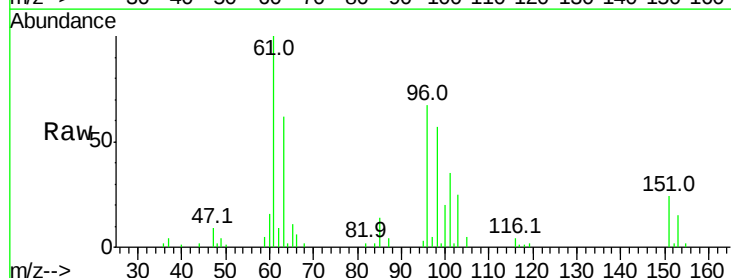
Tgt Ion: 96 Resp: 8805

Ion Ratio Lower Upper

96 100

61 150.2 116.3 215.9

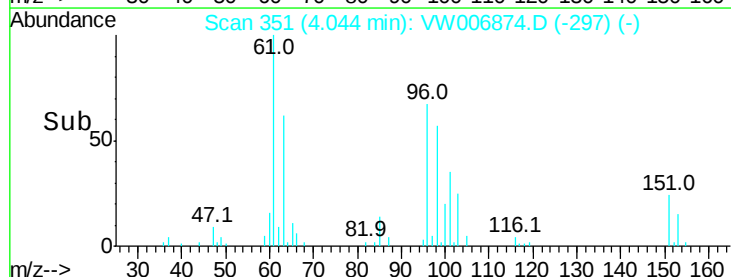
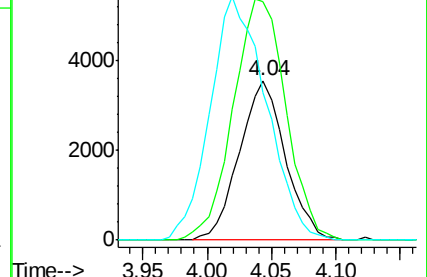
63 93.1 73.4 136.4

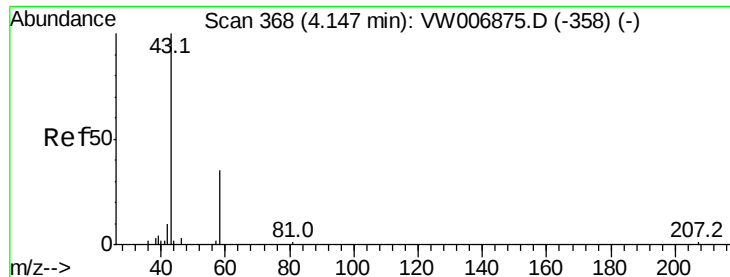


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 9.518 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

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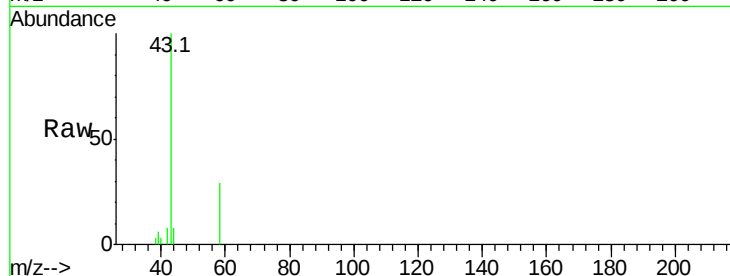
VSTD00582

Tgt Ion: 43 Resp: 5224

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

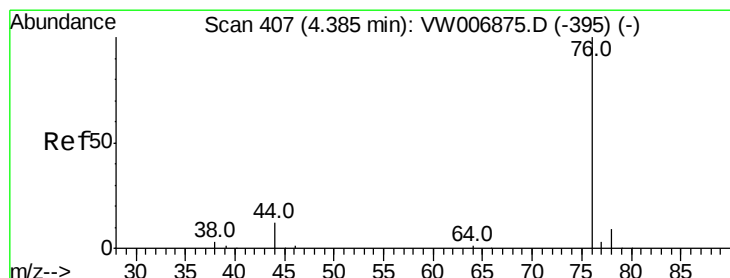
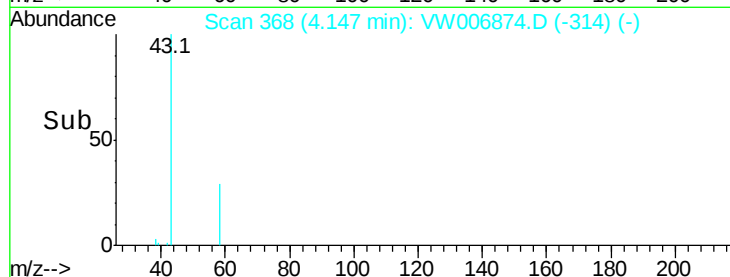
1500

1000

500

0

Time--> 4.05 4.10 4.15 4.20 4.25



#14

Carbon disulfide

Concen: 5.501 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006874.D

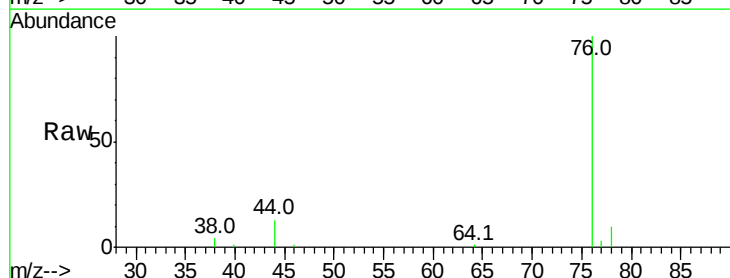
Acq: 14 Nov 2018 13:47

Tgt Ion: 76 Resp: 30004

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

12000

10000

8000

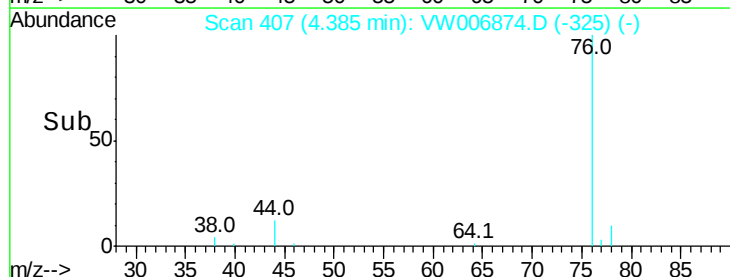
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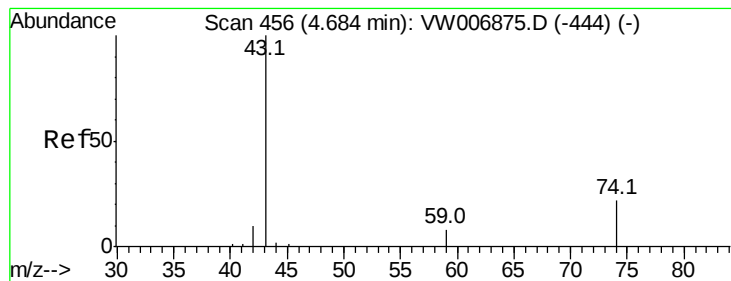
4000

2000

0

Time--> 4.30 4.40 4.50





#15

Methyl Acetate

Concen: 4.553 ug/L

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

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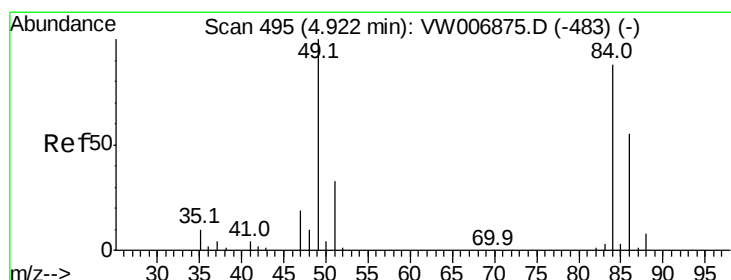
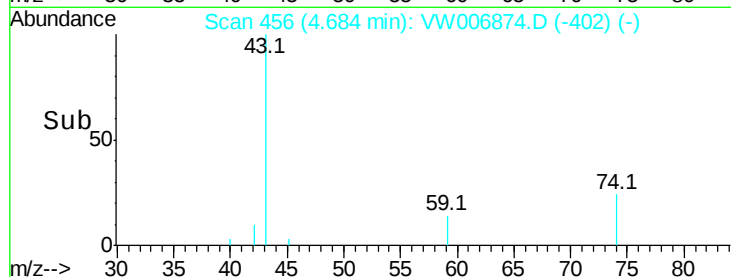
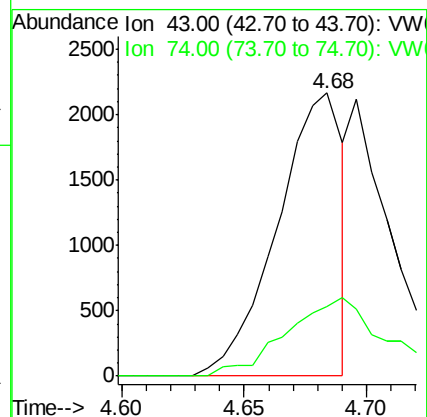
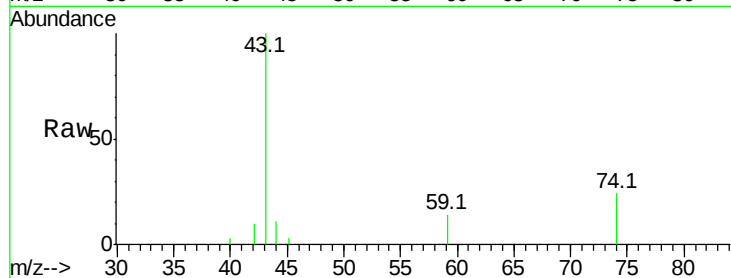
VSTD00582

Tgt Ion: 43 Resp: 4047

Ion Ratio Lower Upper

43 100

74 39.1 18.8 28.2#



#16

Methylene chloride

Concen: 8.911 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

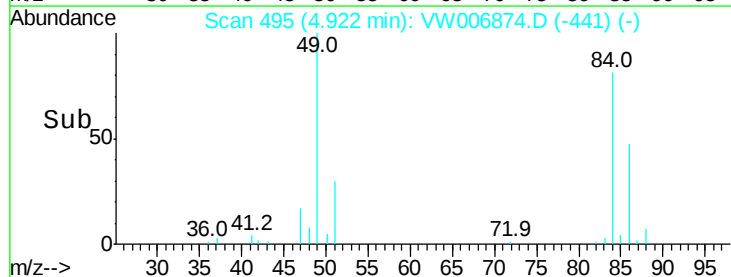
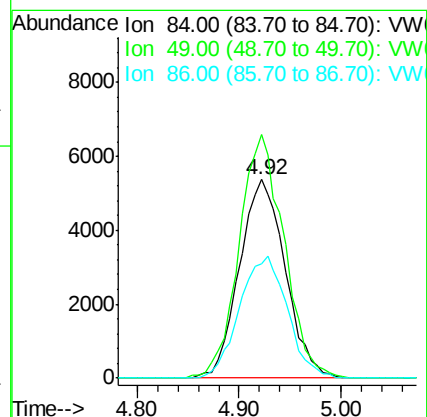
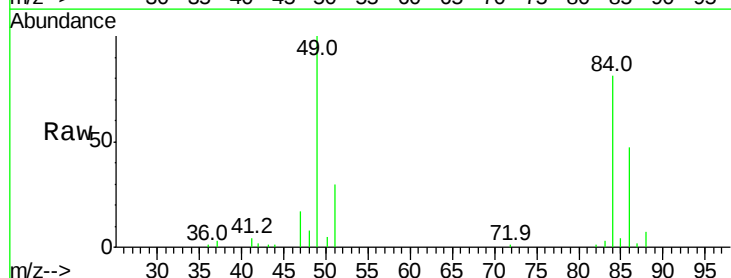
Tgt Ion: 84 Resp: 16720

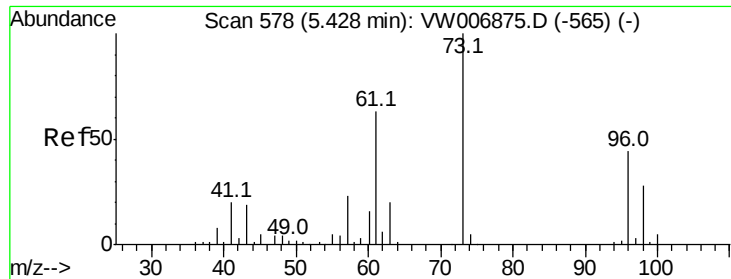
Ion Ratio Lower Upper

84 100

49 122.7 79.3 147.3

86 57.6 43.5 80.9

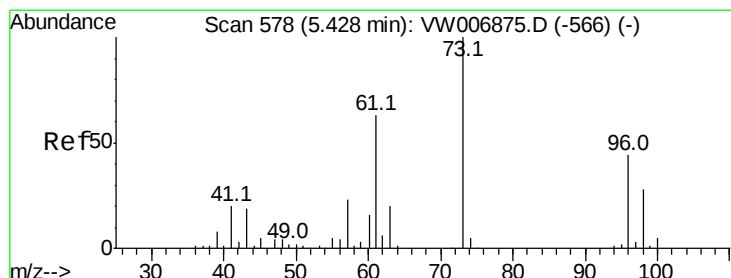
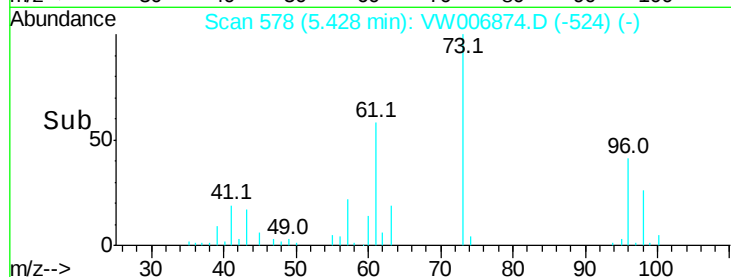
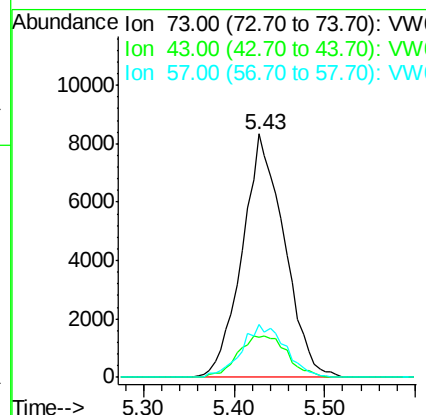
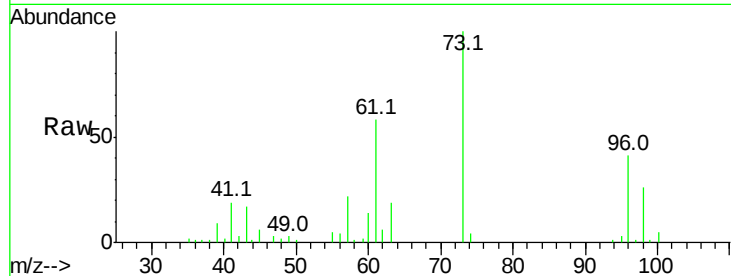




#17
Methyl tert-butyl Ether
Concen: 9.870 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

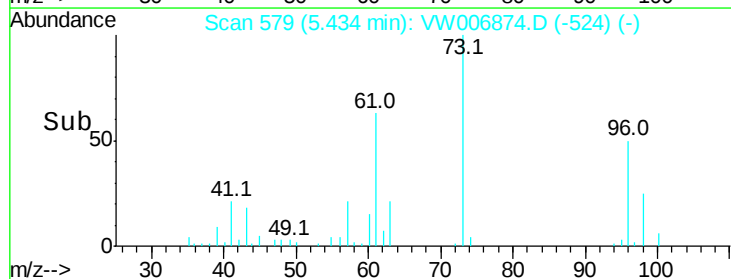
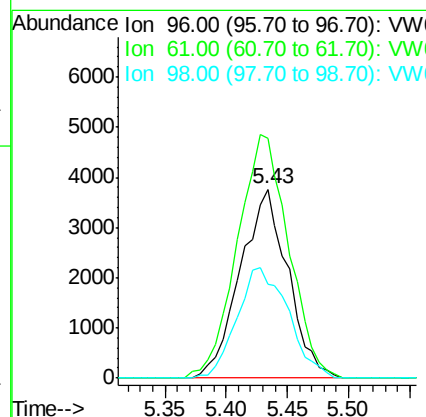
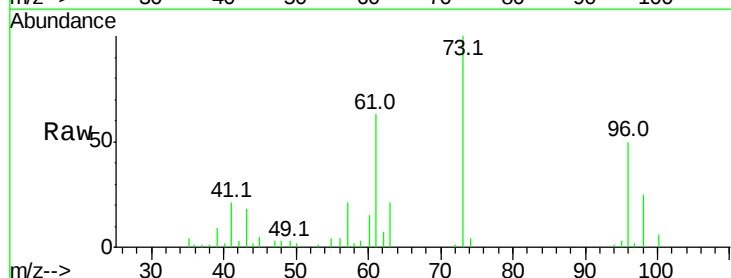
Instrument :
MSVOA_W
ClientSampled :
VSTD00582

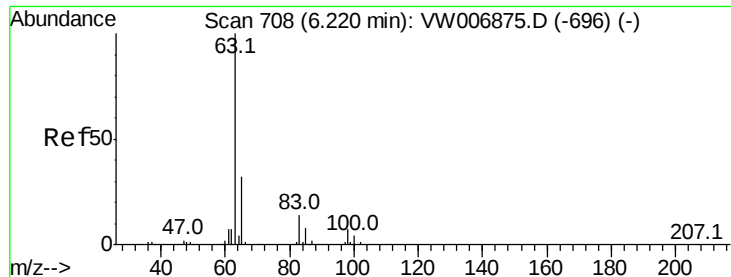
Tgt Ion: 73 Resp: 26808
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 12.6 17.8 26.8#



#18
trans-1,2-Dichloroethene
Concen: 5.511 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion: 96 Resp: 10181
Ion Ratio Lower Upper
96 100
61 127.0 99.6 185.0
98 49.9 44.7 82.9

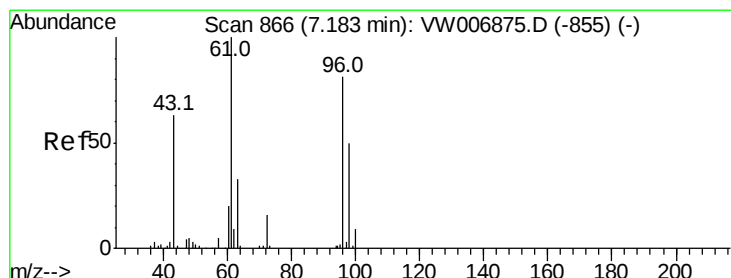
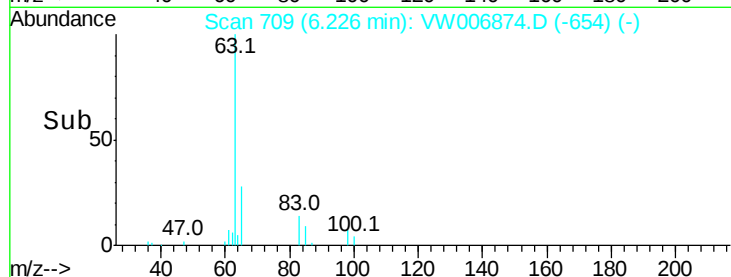
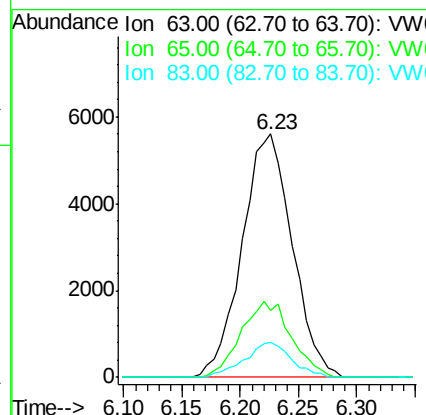
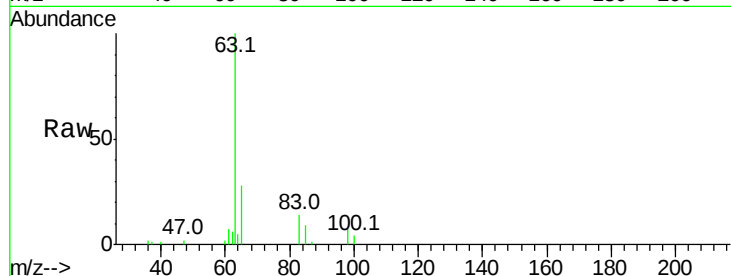




#19
 1,1-Dichloroethane
 Concen: 5.608 ug/L
 RT: 6.23 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

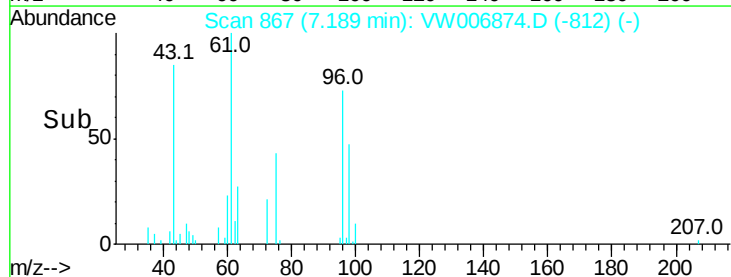
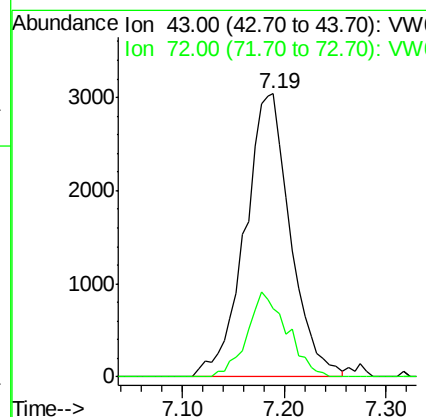
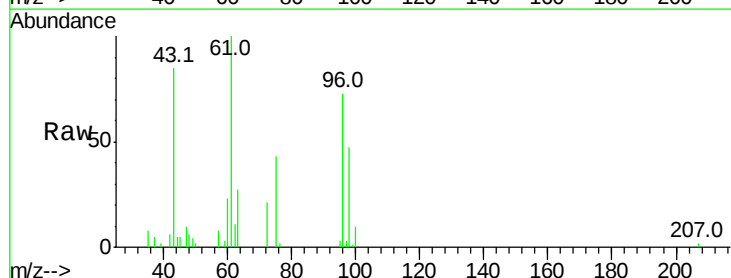
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

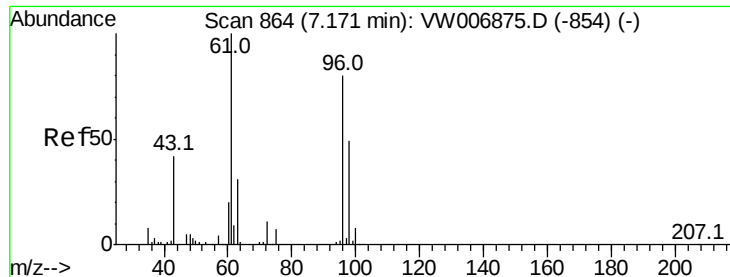
Tgt Ion: 63 Resp: 16763
 Ion Ratio Lower Upper
 63 100
 65 27.8 22.0 41.0
 83 14.2 9.5 17.7



#21
 2-Butanone
 Concen: 12.939 ug/L
 RT: 7.19 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion: 43 Resp: 9436
 Ion Ratio Lower Upper
 43 100
 72 26.3 13.5 40.5



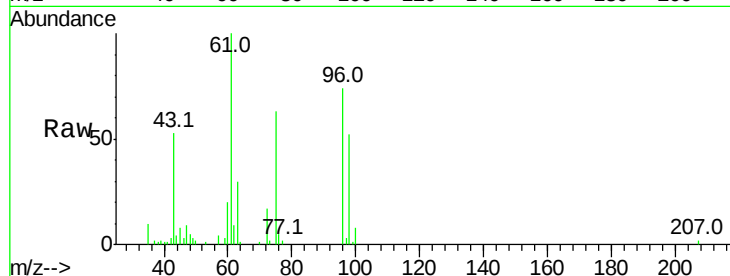


#22

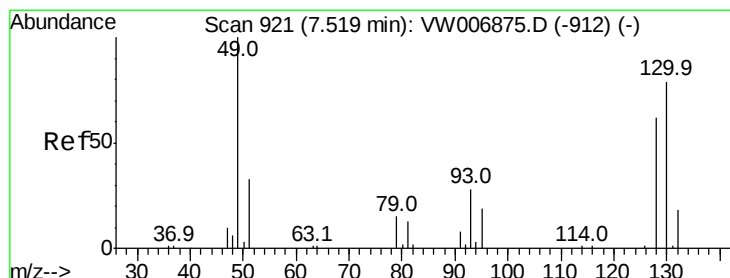
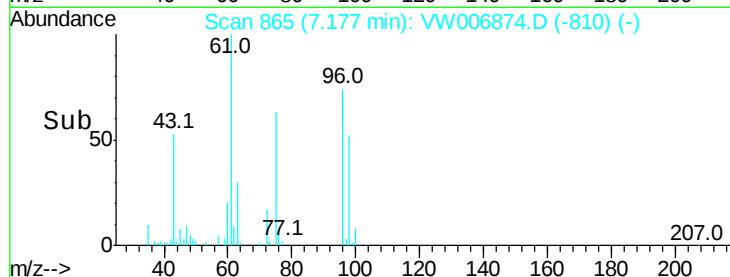
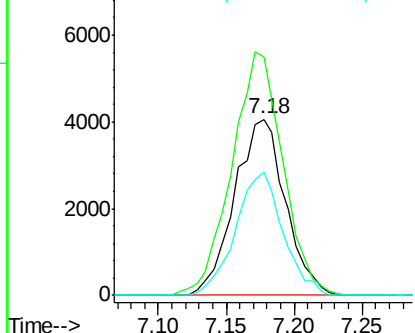
cis-1,2-Dichloroethene
Concen: 5.255 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

Tgt Ion: 96 Resp: 10589
Ion Ratio Lower Upper
96 100
61 135.5 88.1 163.7
98 69.9 43.1 80.1



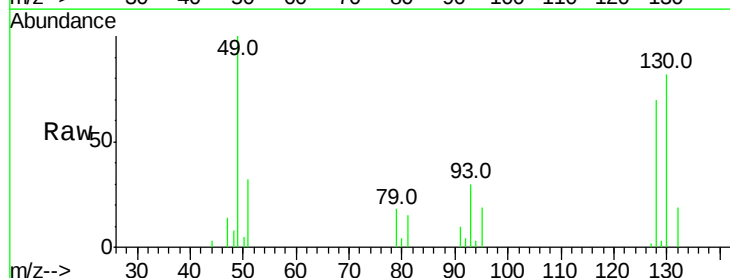
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



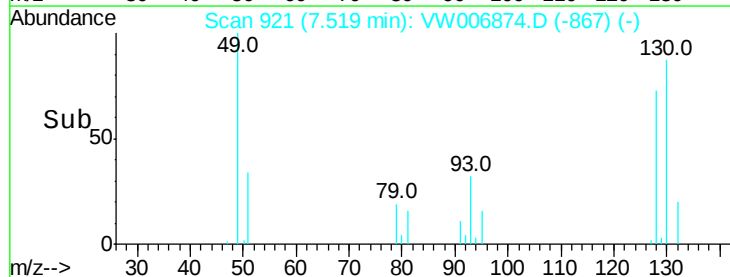
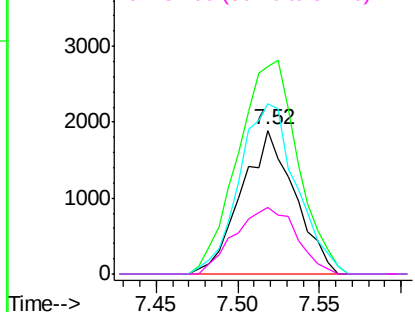
#23

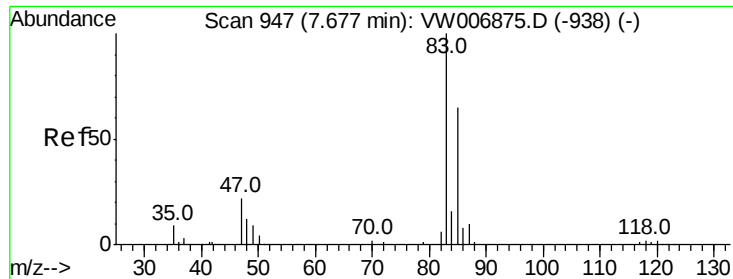
Bromochloromethane
Concen: 4.525 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion: 128 Resp: 4289
Ion Ratio Lower Upper
128 100
49 143.9 114.0 211.8
130 118.7 89.7 166.7
51 46.0 42.3 63.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

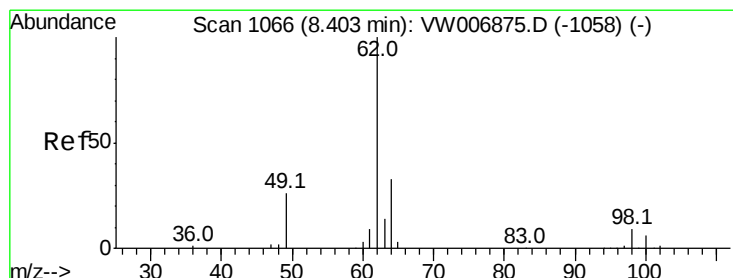
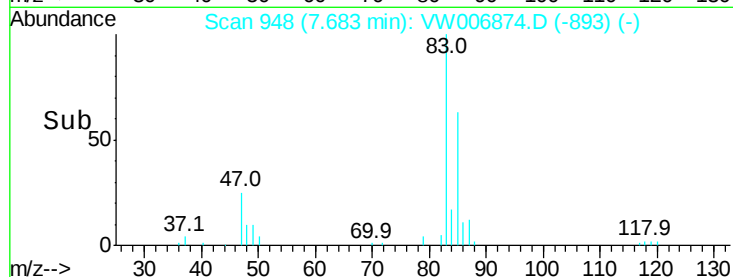
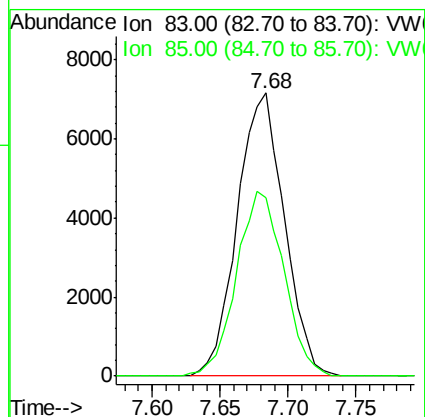
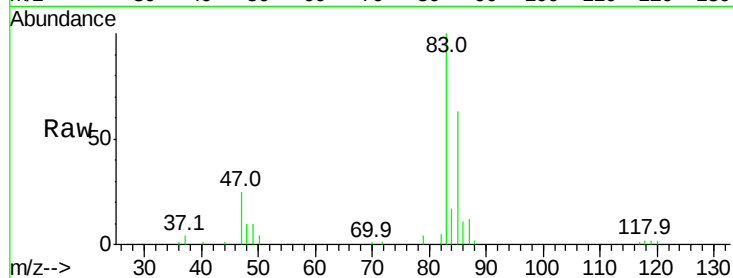




#25
Chloroform
Concen: 5.393 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

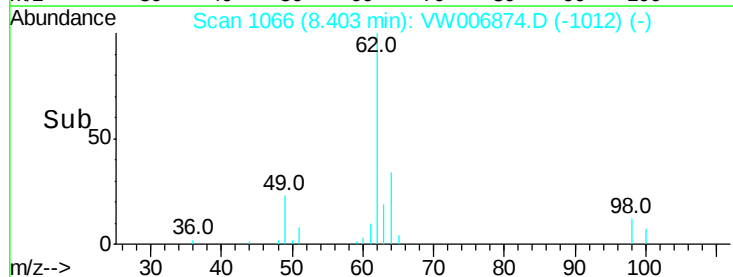
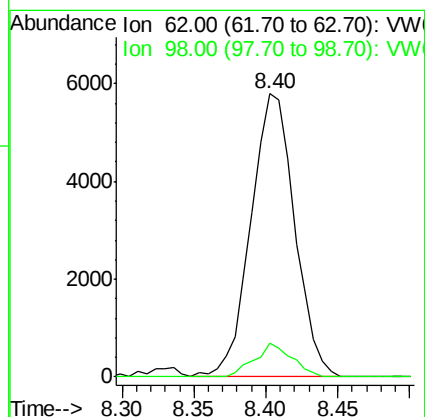
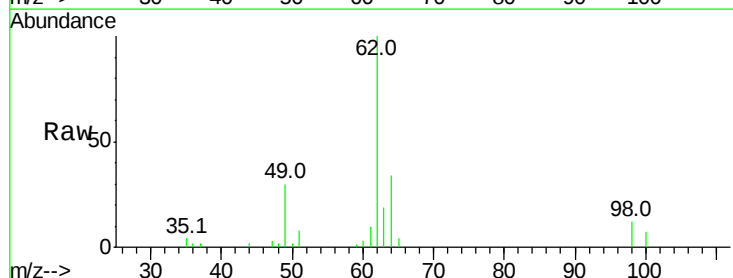
Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

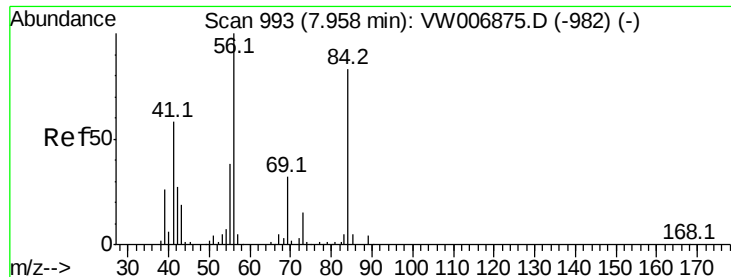
Tgt Ion: 83 Resp: 17353
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.566 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion: 62 Resp: 12208
Ion Ratio Lower Upper
62 100
98 11.9 7.0 10.4#

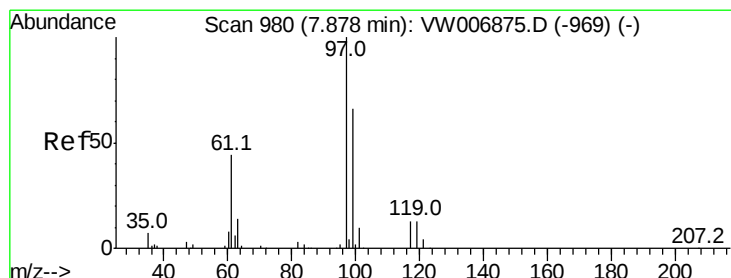
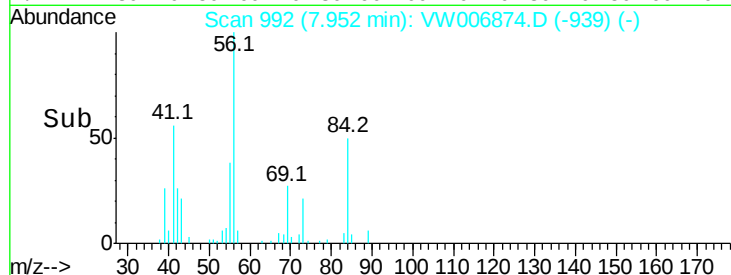
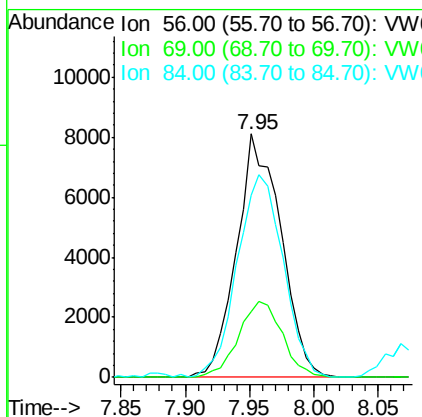
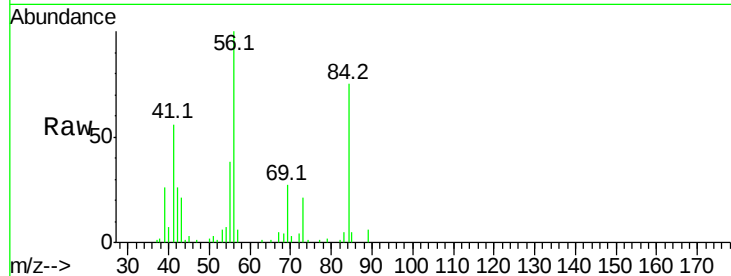




#30
Cyclohexane
Concen: 6.358 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

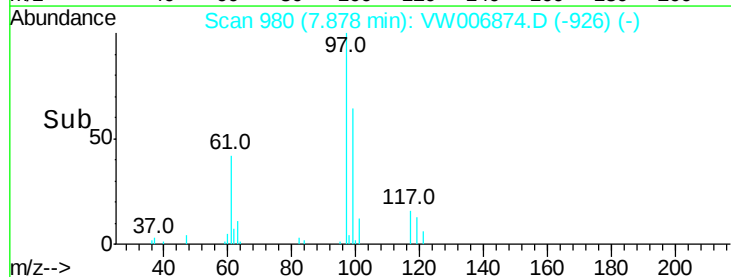
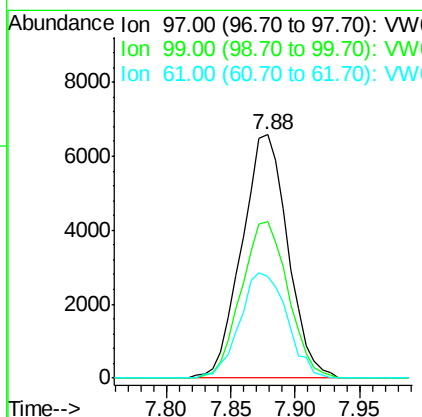
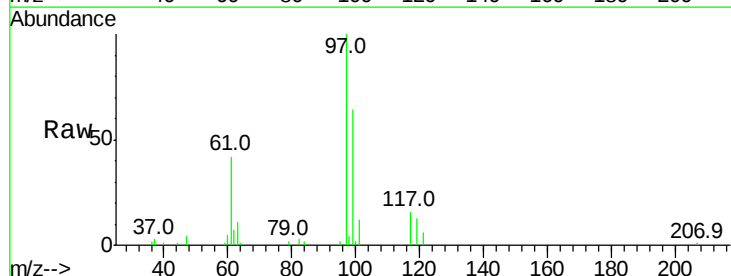
Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

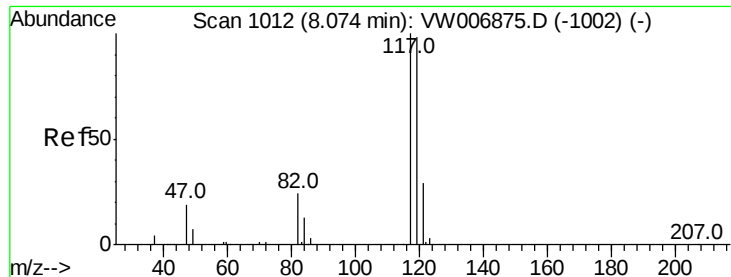
Tgt Ion: 56 Resp: 19329
Ion Ratio Lower Upper
56 100
69 30.8 25.1 37.7
84 86.5 68.7 103.1



#31
1,1,1-Trichloroethane
Concen: 5.628 ug/L
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion: 97 Resp: 16290
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.2
61 44.5 34.5 51.7





#32

Carbon tetrachloride

Concen: 4.985 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

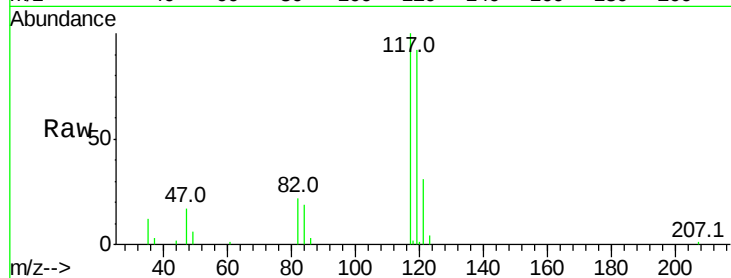
VSTD00582

Tgt Ion:117 Resp: 14150

Ion Ratio Lower Upper

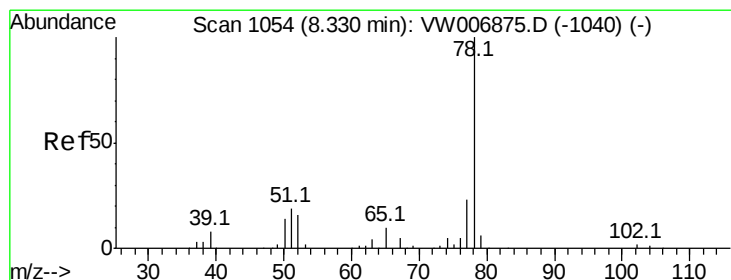
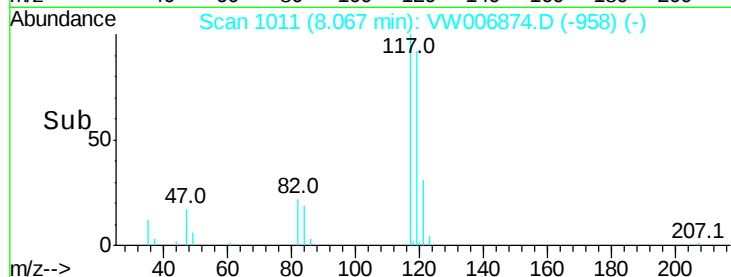
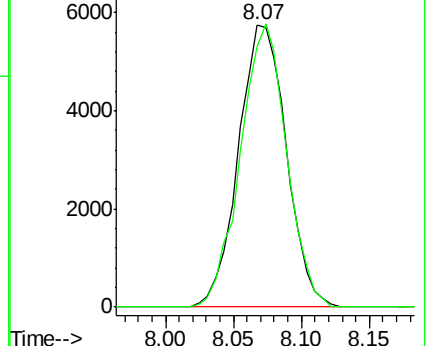
117 100

119 96.5 76.8 115.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 5.753 ug/L

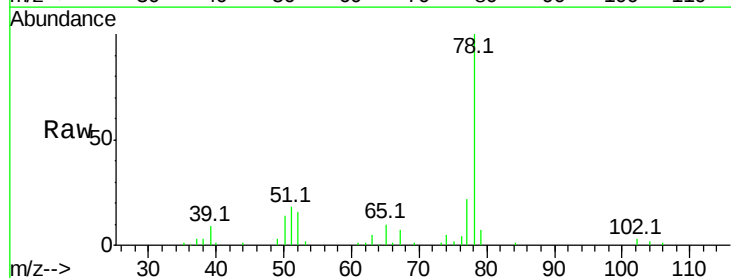
RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

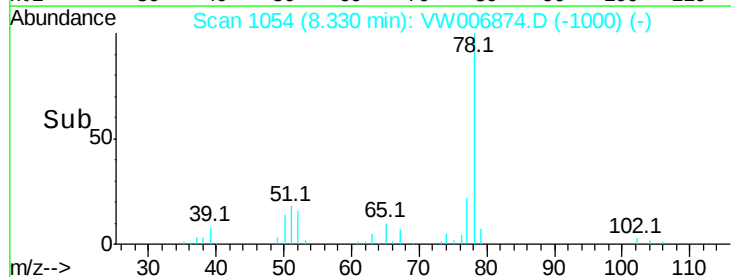
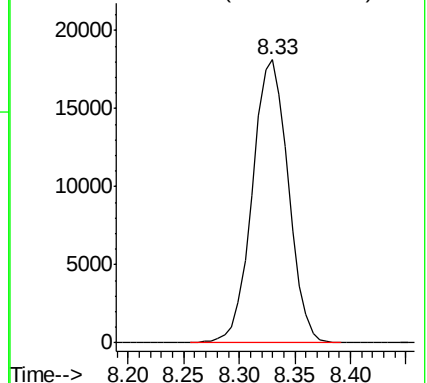
Lab File: VW006874.D

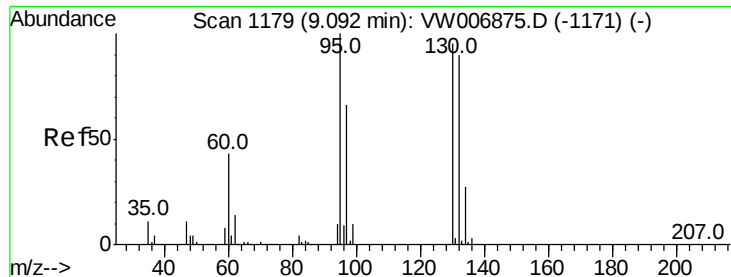
Acq: 14 Nov 2018 13:47

Tgt Ion: 78 Resp: 40853



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 5.645 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD00582

Tgt Ion: 95 Resp: 11278

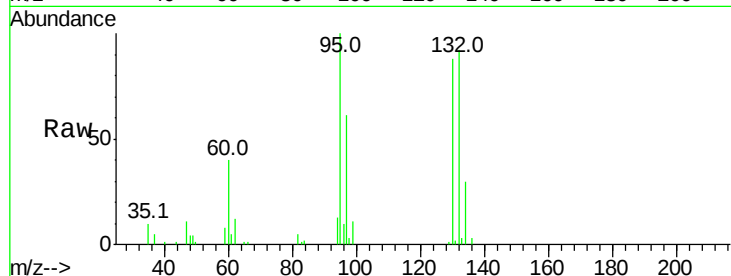
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 91.0 65.7 121.9

130 98.3 68.7 127.7

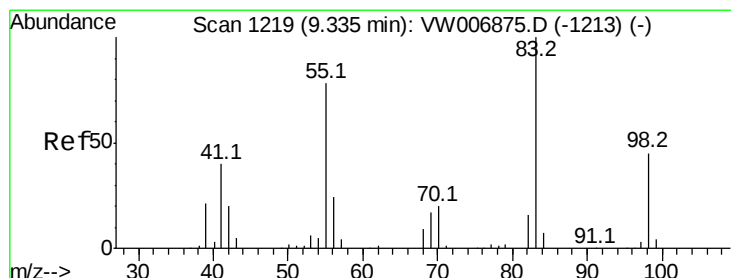
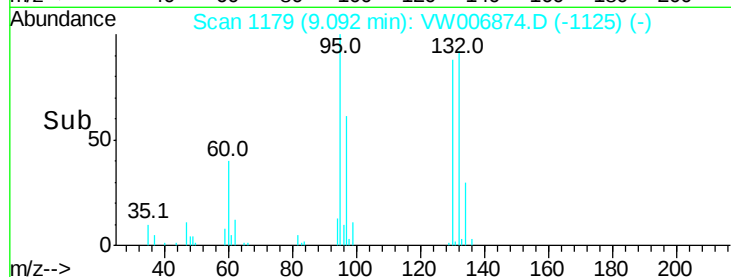
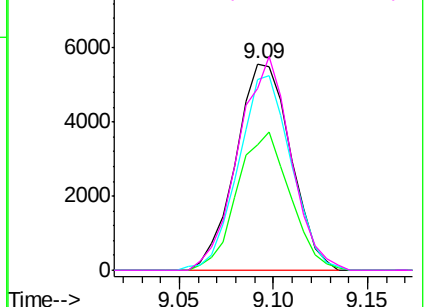


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 5.643 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

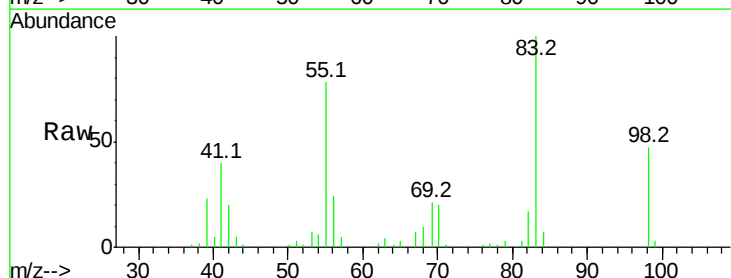
Tgt Ion: 83 Resp: 20656

Ion Ratio Lower Upper

83 100

55 78.4 60.2 90.2

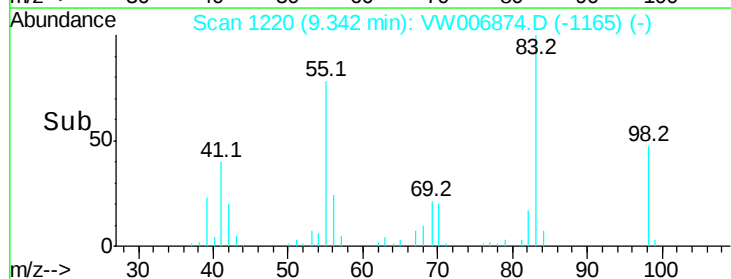
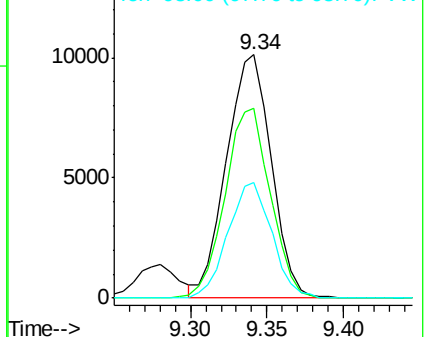
98 46.4 36.5 54.7

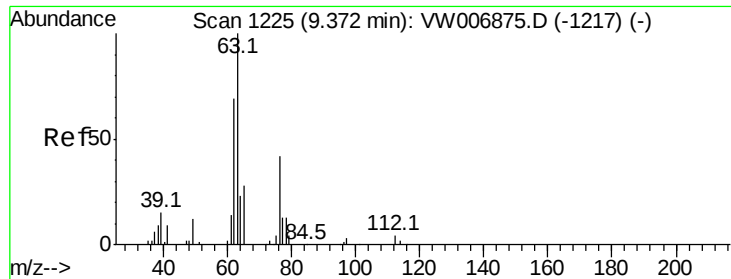


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

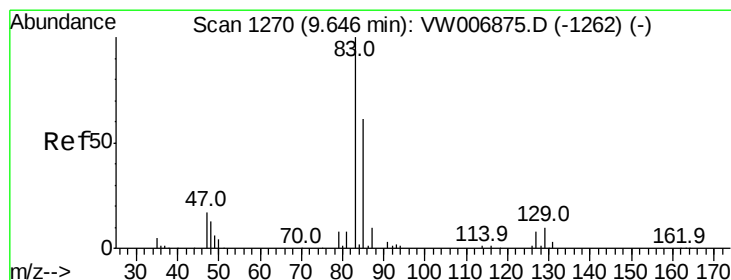
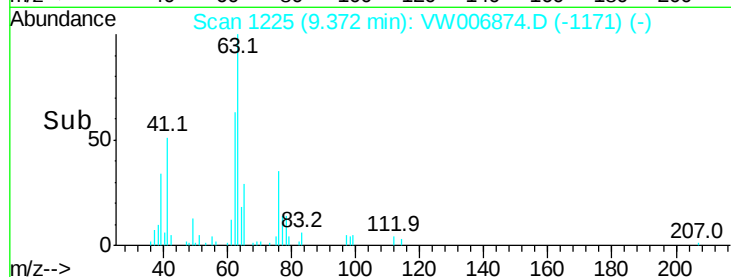
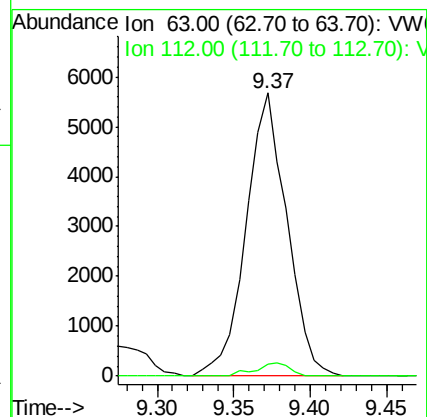
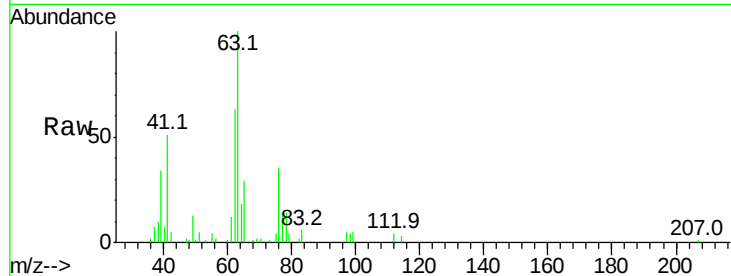




#40
 1,2-Dichloropropane
 Concen: 5.973 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

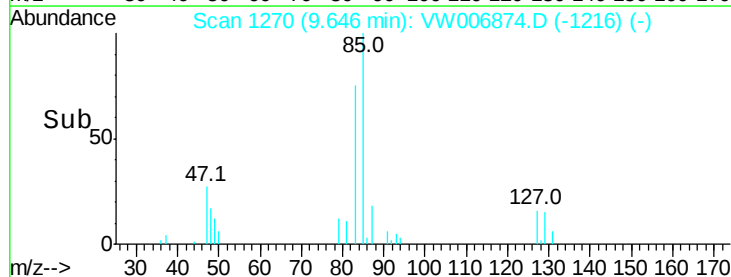
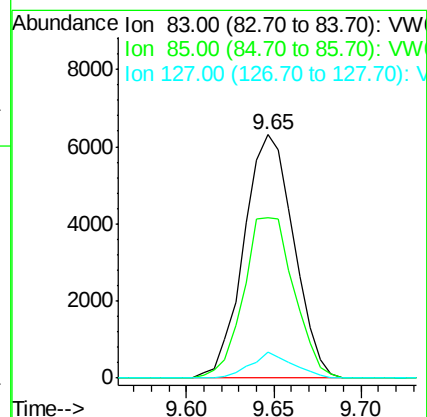
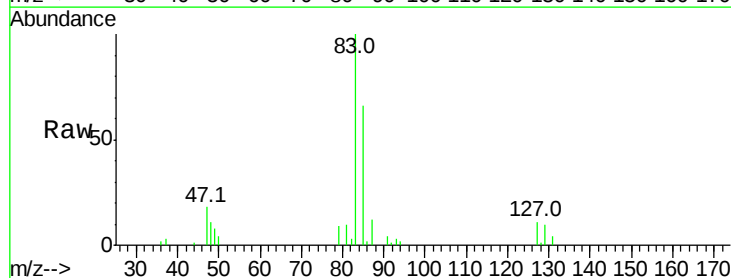
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

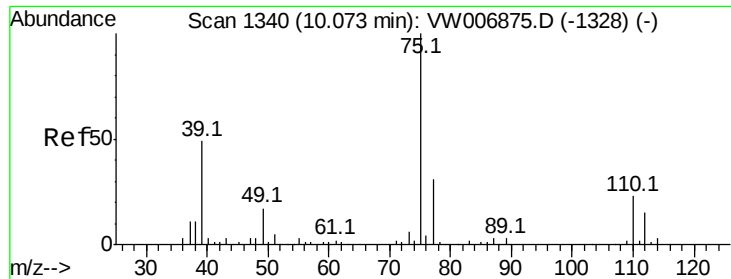
Tgt Ion: 63 Resp: 10521
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.1 4.7



#41
 Bromodichloromethane
 Concen: 5.263 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion: 83 Resp: 12519
 Ion Ratio Lower Upper
 83 100
 85 66.0 42.4 78.6
 127 10.6 6.5 9.7#





#42

cis-1,3-Dichloropropene

Concen: 5.443 ug/L

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

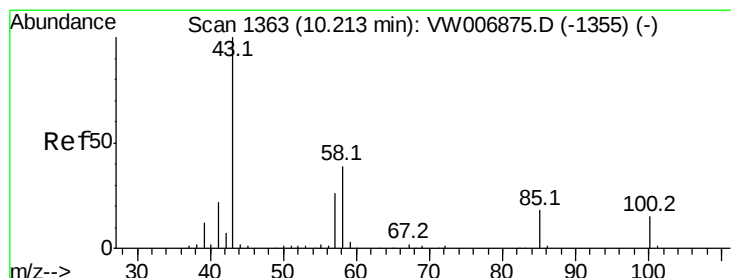
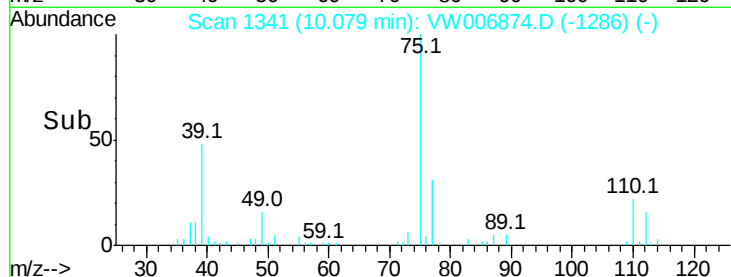
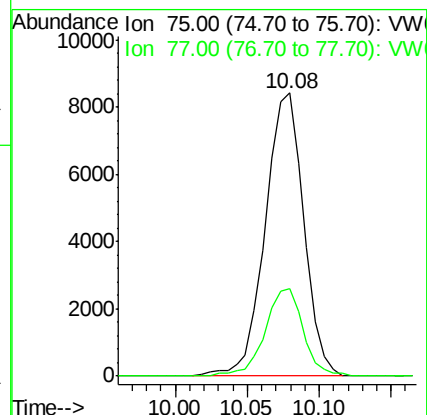
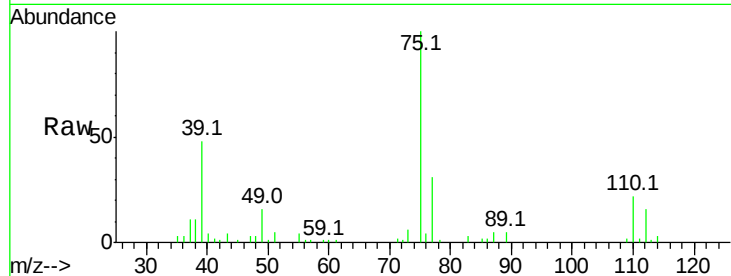
VSTD00582

Tgt Ion: 75 Resp: 15659

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#43

4-Methyl-2-pentanone

Concen: 12.253 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

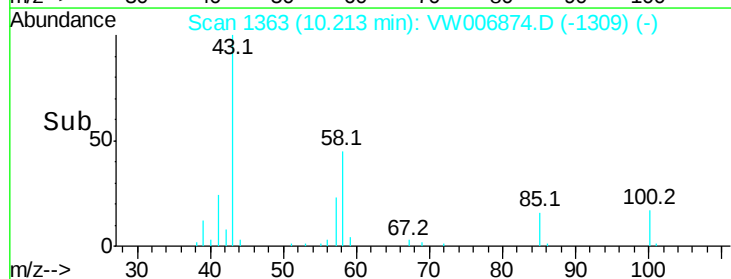
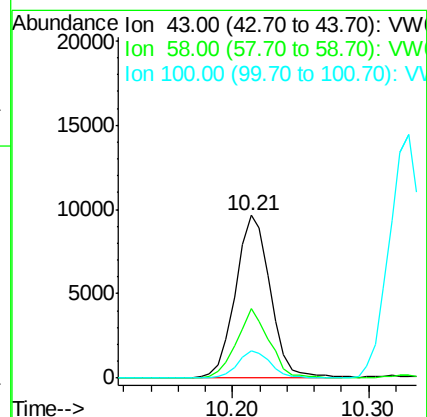
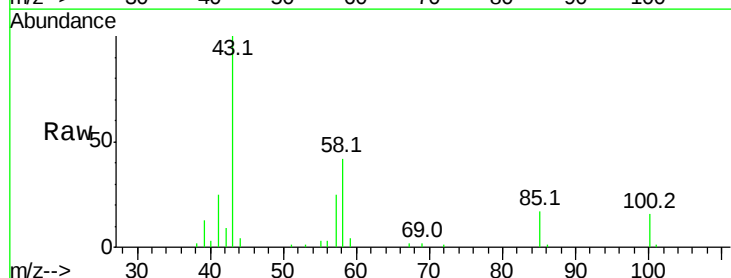
Tgt Ion: 43 Resp: 17295

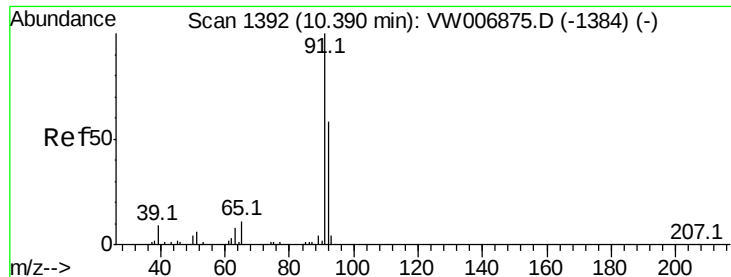
Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4

100 15.5 12.3 18.5





#44

Toluene

Concen: 5.726 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

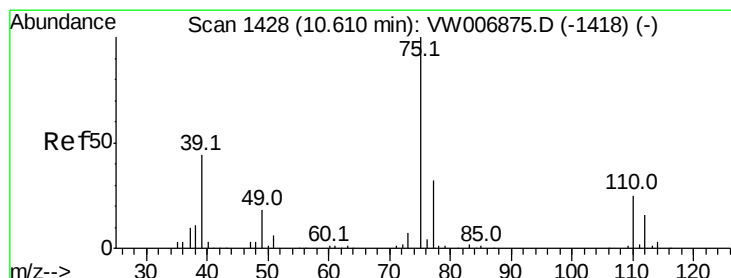
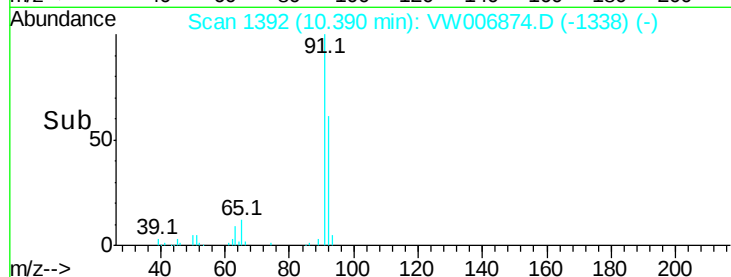
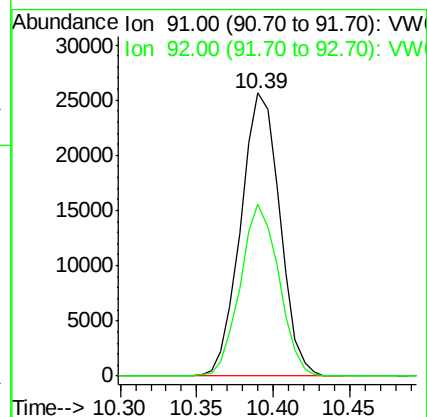
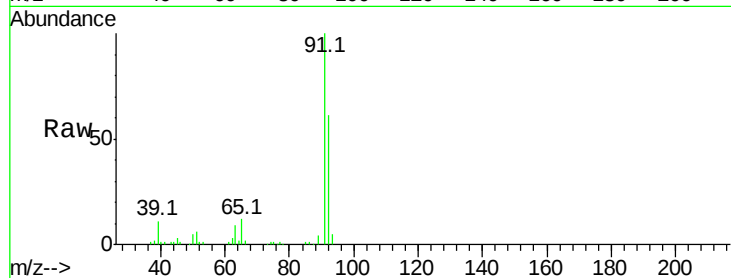
VSTD00582

Tgt Ion: 91 Resp: 45654

Ion Ratio Lower Upper

91 100

92 60.9 40.5 75.3



#45

trans-1,3-Dichloropropene

Concen: 5.279 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006874.D

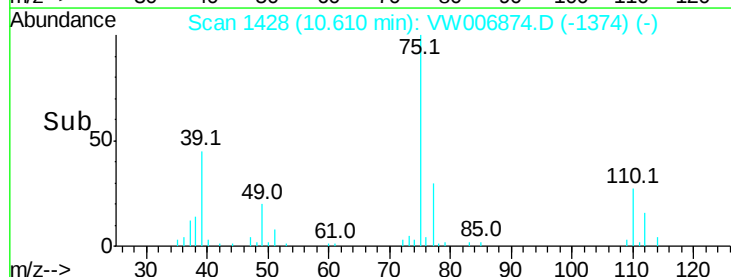
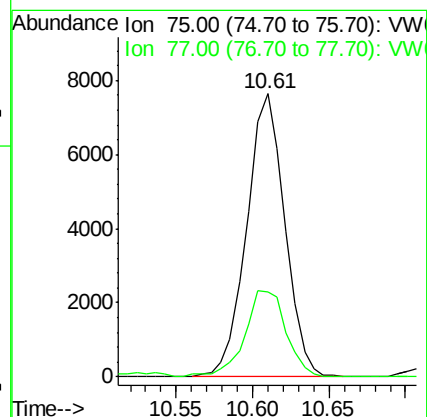
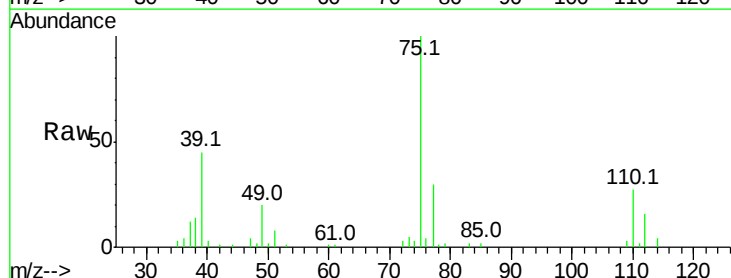
Acq: 14 Nov 2018 13:47

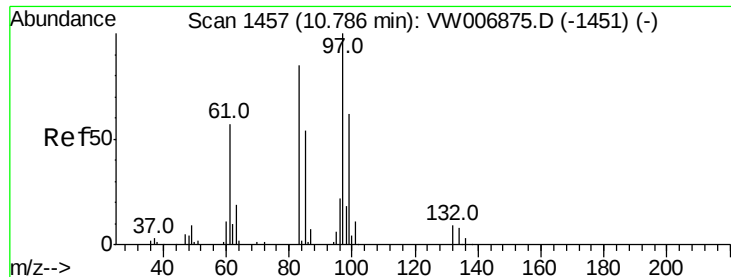
Tgt Ion: 75 Resp: 13266

Ion Ratio Lower Upper

75 100

77 30.0 22.7 42.1

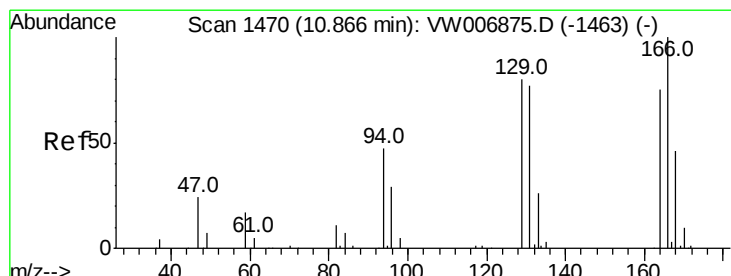
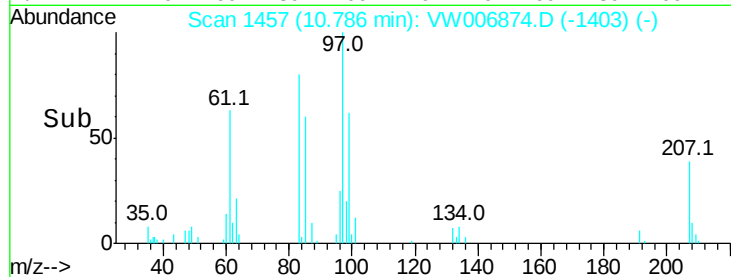
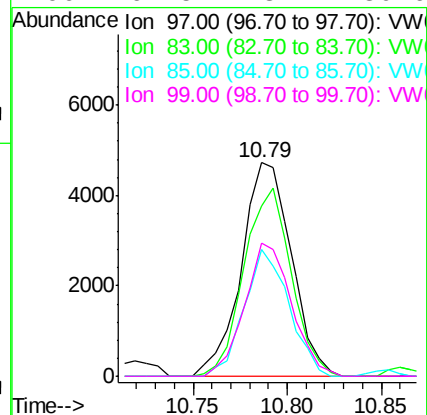
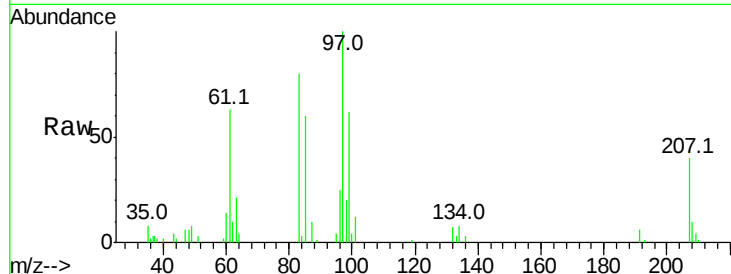




#46
 1,1,2-Trichloroethane
 Concen: 5.943 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

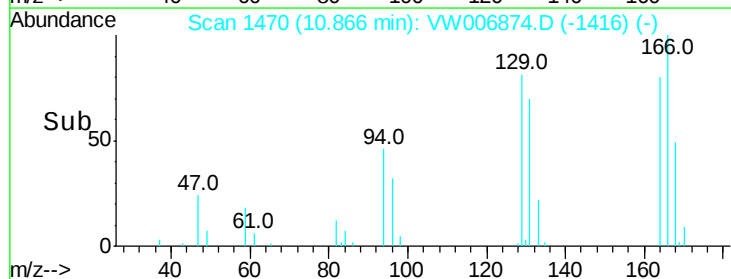
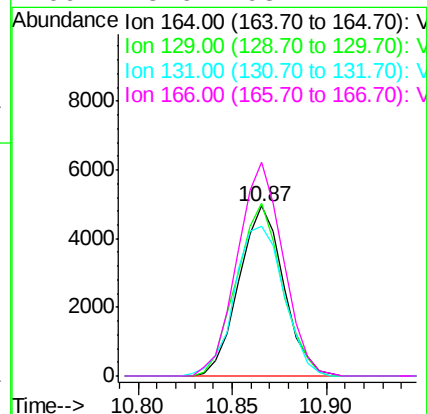
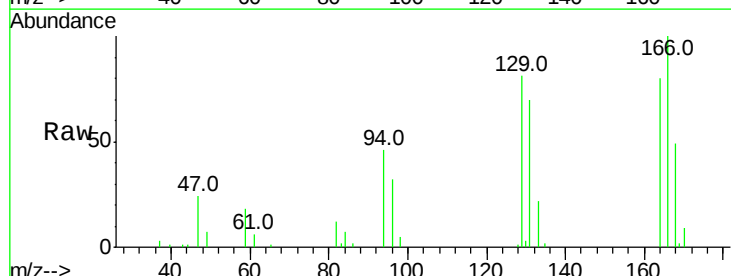
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

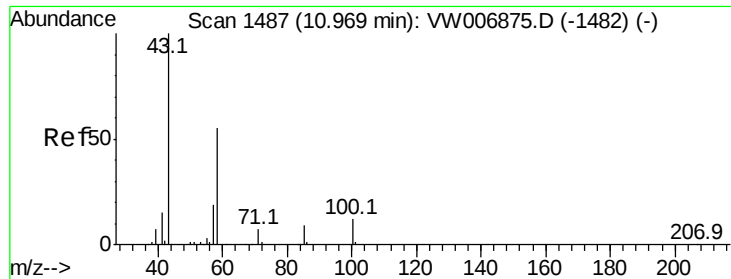
Tgt Ion:	97	Resp:	8717
Ion	Ratio	Lower	Upper
97	100		
83	79.8	59.6	110.8
85	59.5	37.7	70.1
99	62.5	43.4	80.6



#47
 Tetrachloroethene
 Concen: 4.407 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion:	164	Resp:	8150
Ion	Ratio	Lower	Upper
164	100		
129	101.9	75.0	139.2
131	87.9	72.5	134.7
166	125.6	93.7	174.1





#49

2-Hexanone

Concen: 12.083 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD00582

Tgt Ion: 43 Resp: 12569

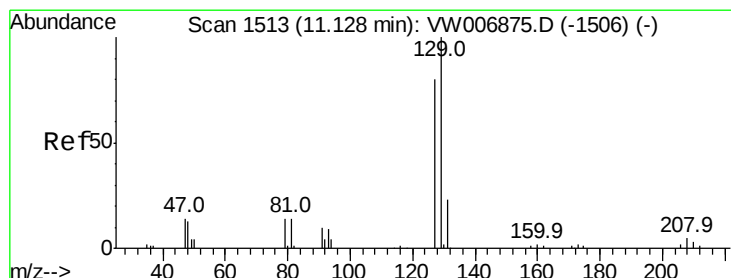
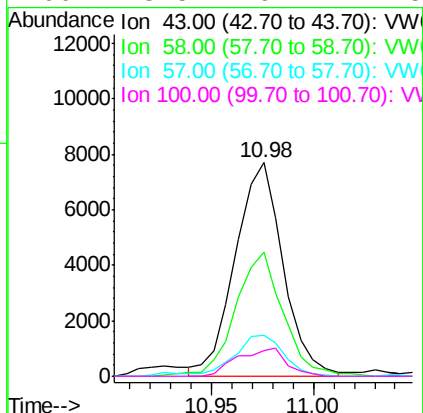
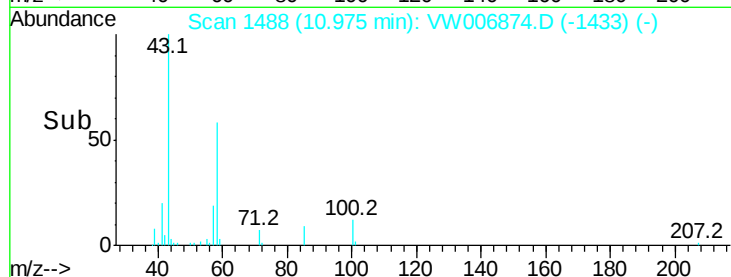
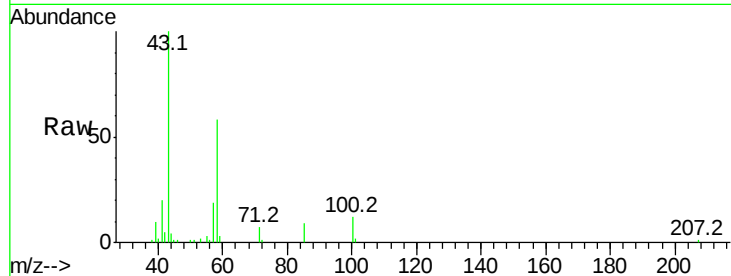
Ion Ratio Lower Upper

43 100

58 56.8 44.6 67.0

57 19.4 16.0 24.0

100 13.5 9.7 14.5



#50

Dibromochloromethane

Concen: 4.638 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW006874.D

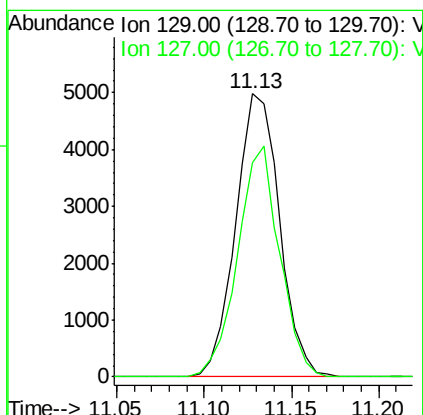
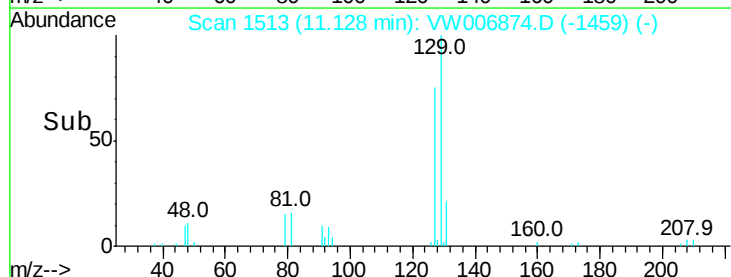
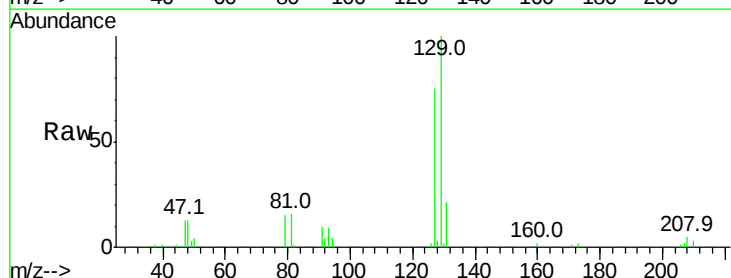
Acq: 14 Nov 2018 13:47

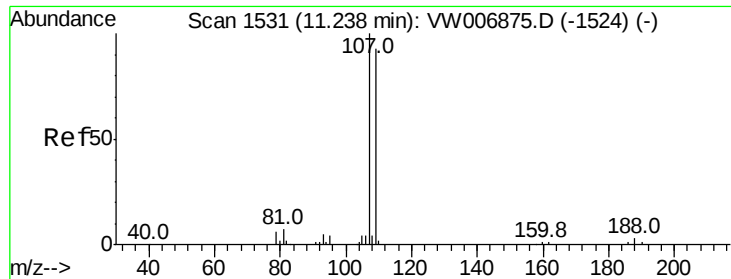
Tgt Ion: 129 Resp: 8720

Ion Ratio Lower Upper

129 100

127 75.5 55.7 103.5

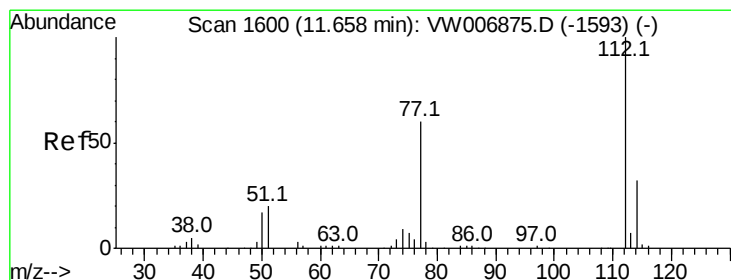
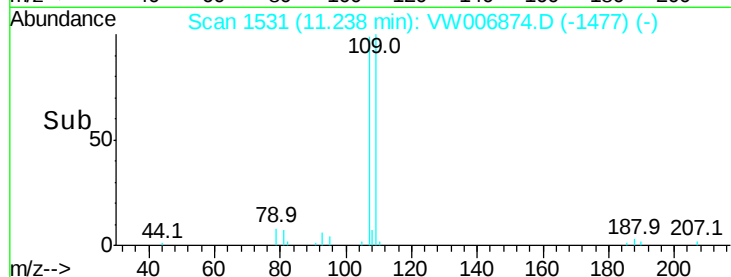
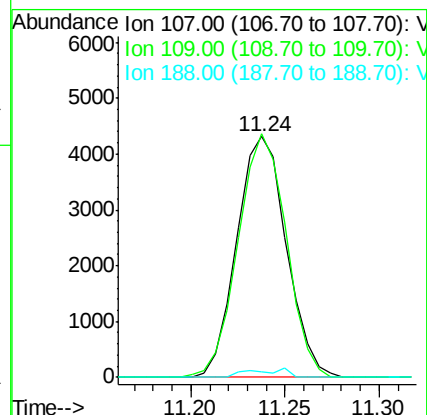
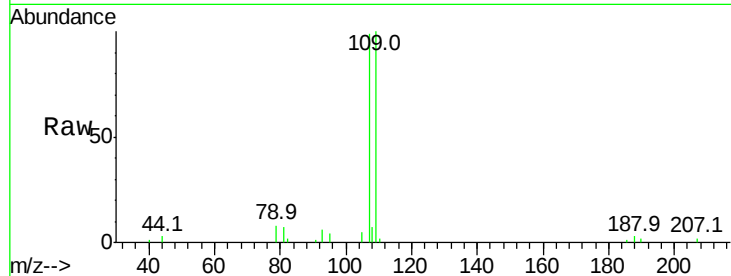




#51
 1,2-Dibromoethane
 Concen: 5.144 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

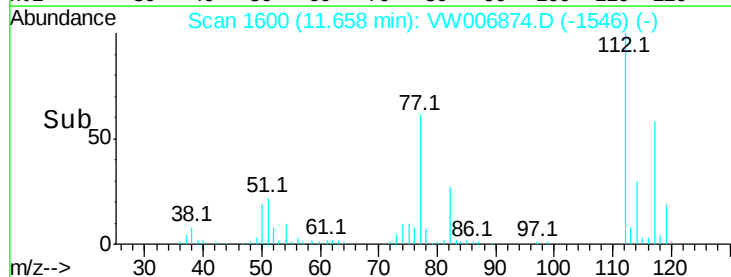
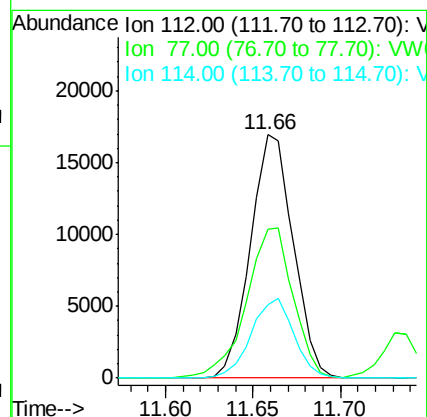
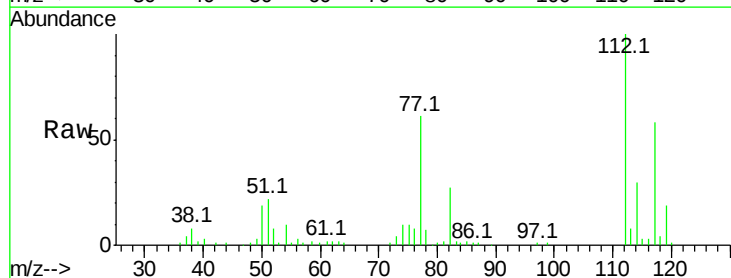
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

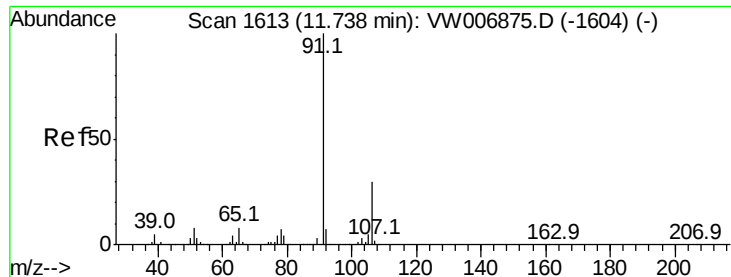
Tgt Ion:107 Resp: 7854
 Ion Ratio Lower Upper
 107 100
 109 101.1 65.4 121.4
 188 2.6 2.4 3.6



#52
 Chlorobenzene
 Concen: 5.354 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion:112 Resp: 28889
 Ion Ratio Lower Upper
 112 100
 77 61.2 47.8 71.8
 114 29.9 22.3 41.5





#53

Ethylbenzene

Concen: 6.011 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

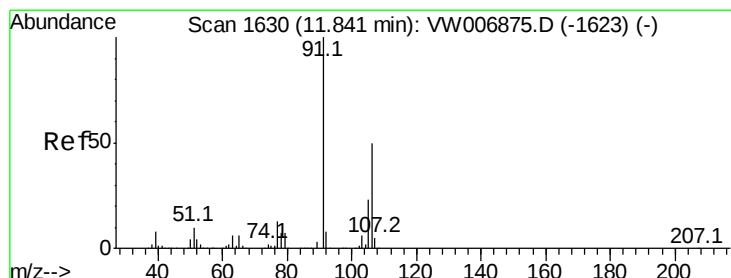
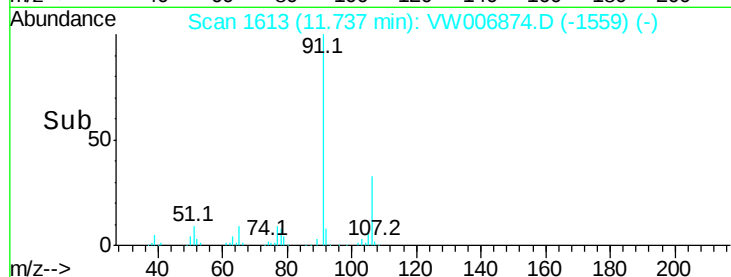
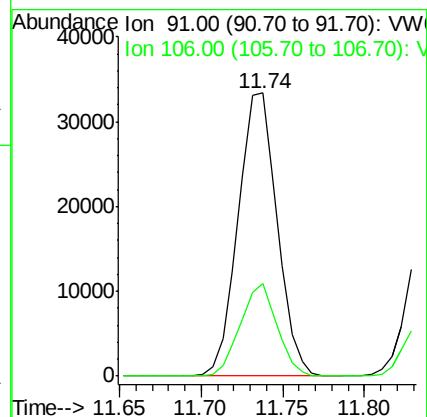
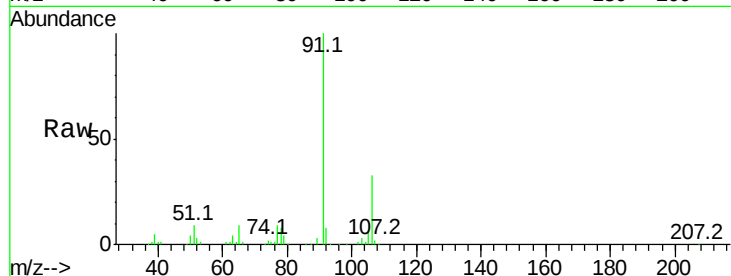
VSTD00582

Tgt Ion: 91 Resp: 55792

Ion Ratio Lower Upper

91 100

106 32.6 21.1 39.1



#54

m,p-Xylene

Concen: 5.871 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006874.D

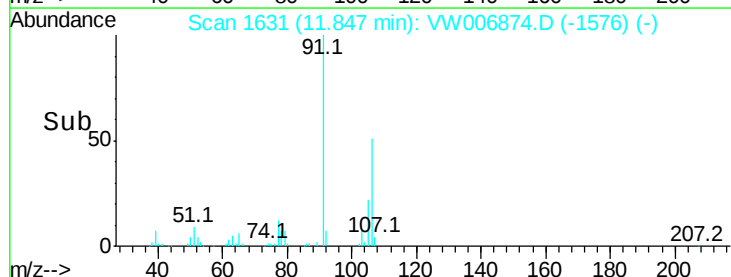
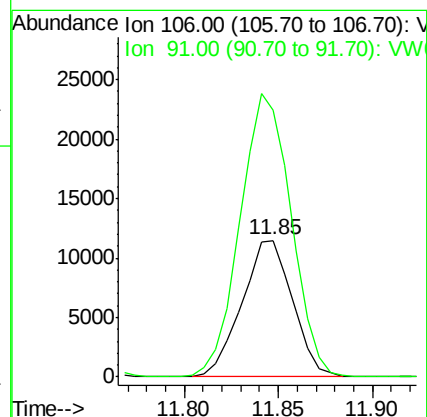
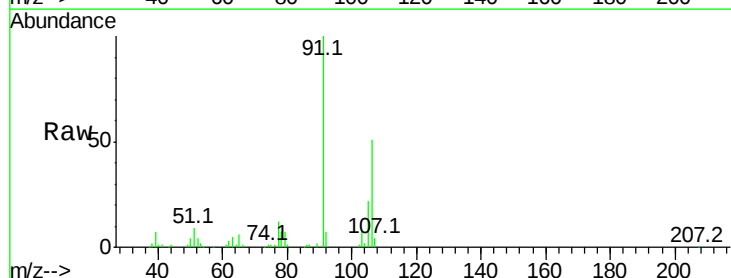
Acq: 14 Nov 2018 13:47

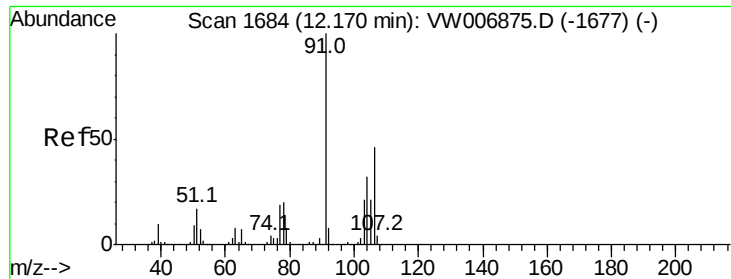
Tgt Ion: 106 Resp: 21362

Ion Ratio Lower Upper

106 100

91 194.6 141.5 262.9

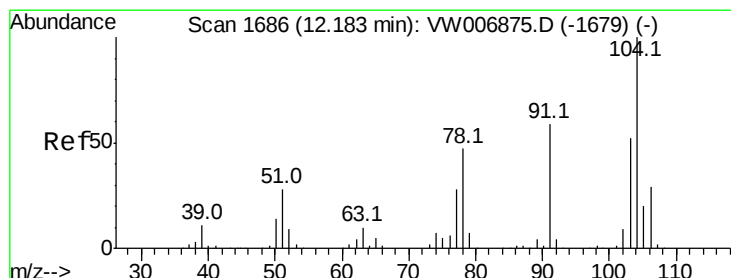
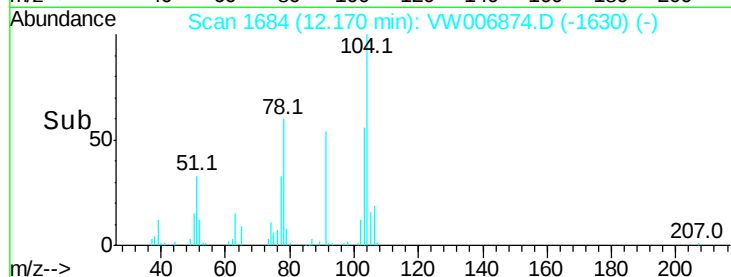
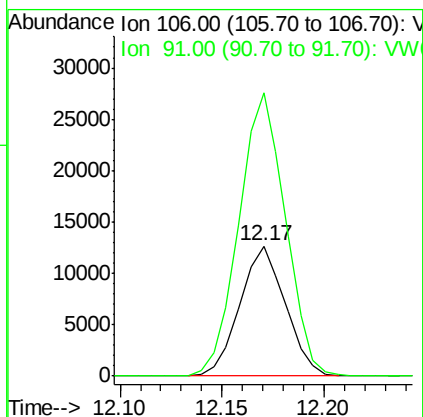
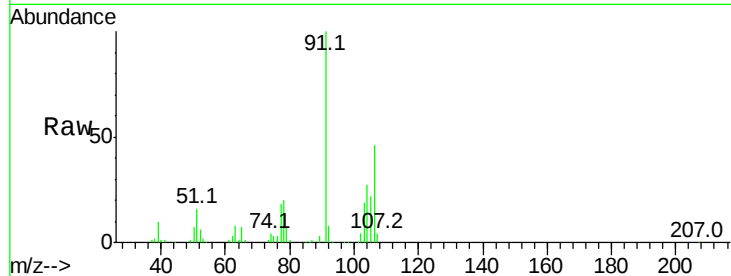




#55
o-xylene
Concen: 5.657 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

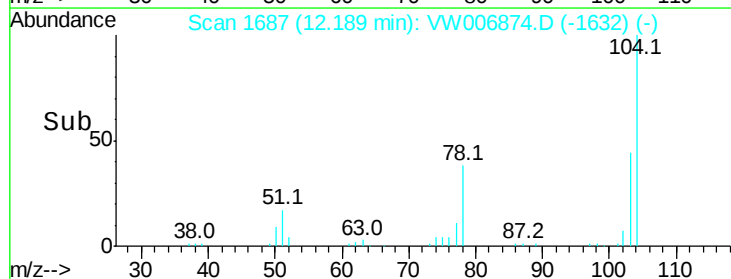
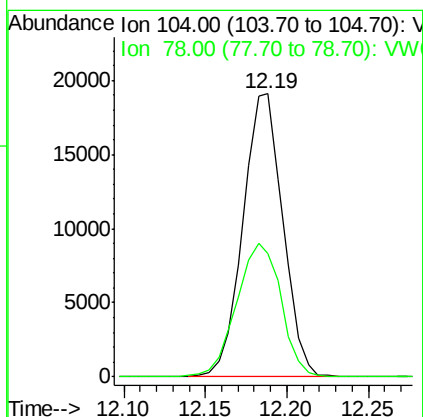
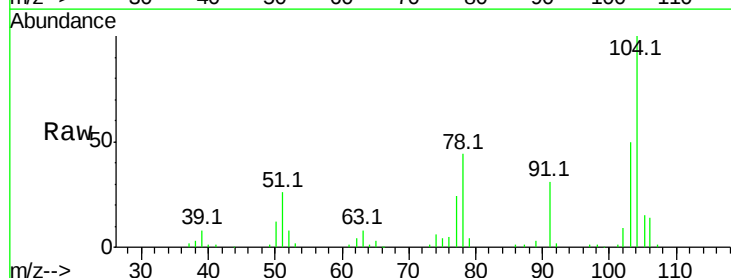
Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

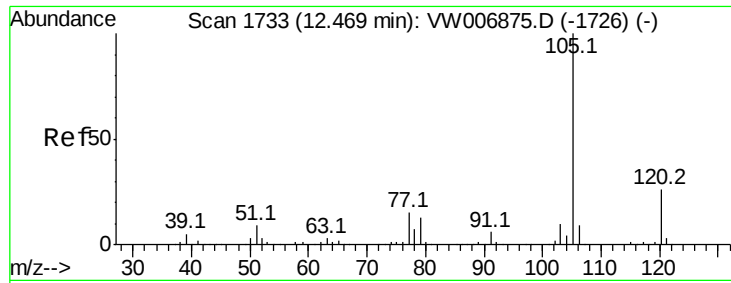
Tgt Ion:106 Resp: 19654
Ion Ratio Lower Upper
106 100
91 217.5 151.3 281.1



#56
Styrene
Concen: 5.440 ug/L
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion:104 Resp: 32548
Ion Ratio Lower Upper
104 100
78 43.7 32.8 60.8





#57

Isopropylbenzene

Concen: 5.559 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD00582

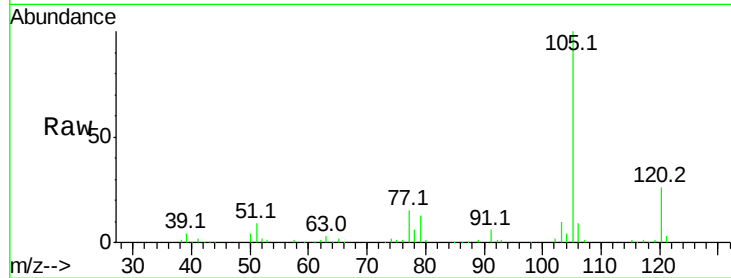
Tgt Ion: 105 Resp: 53738

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

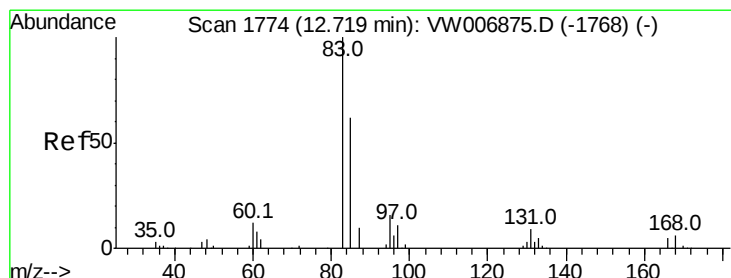
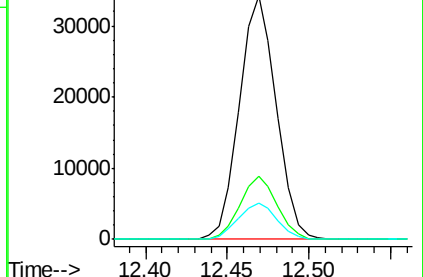
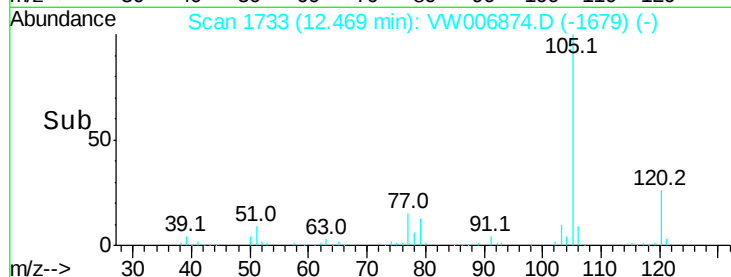
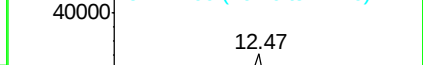
77 15.6 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.690 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

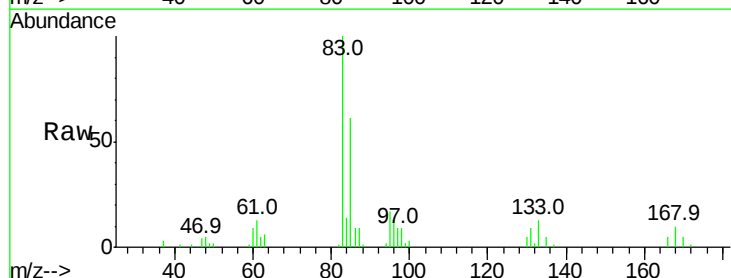
Tgt Ion: 83 Resp: 10847

Ion Ratio Lower Upper

83 100

85 61.1 44.4 82.5

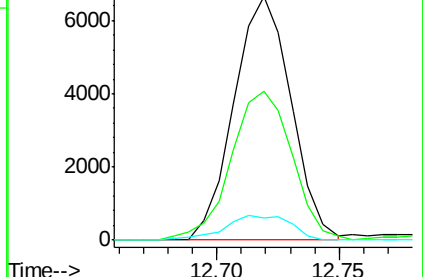
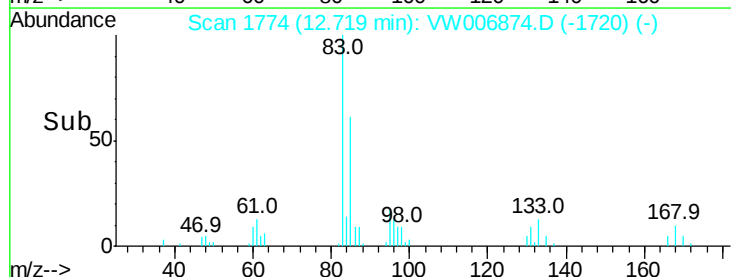
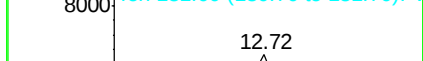
131 9.1 8.0 12.0

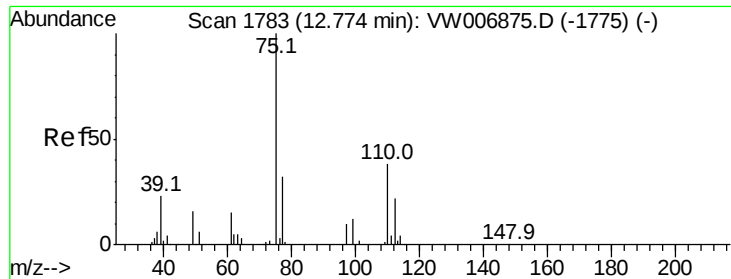


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 5.957 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

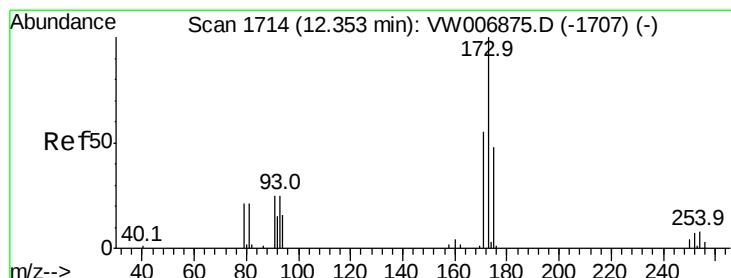
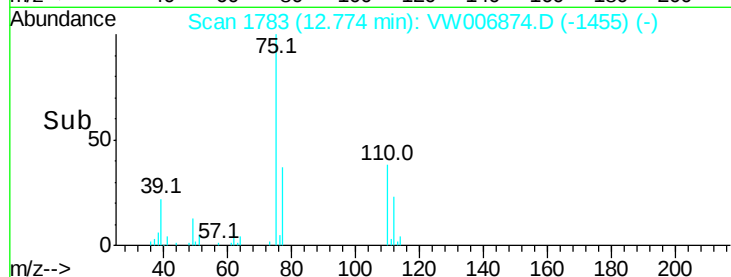
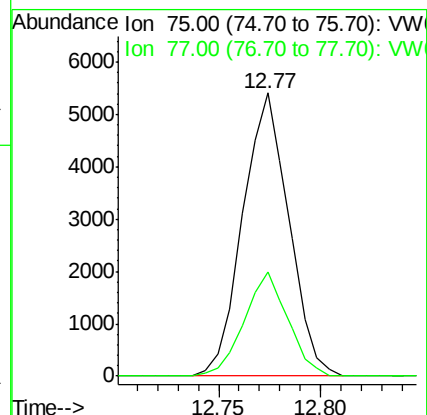
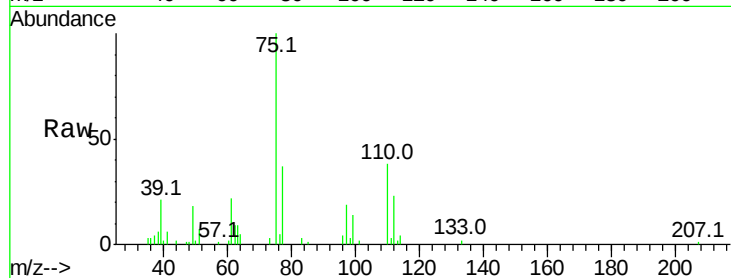
VSTD00582

Tgt Ion: 75 Resp: 8472

Ion Ratio Lower Upper

75 100

77 34.9 26.5 39.7



#62

Bromoform

Concen: 3.713 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

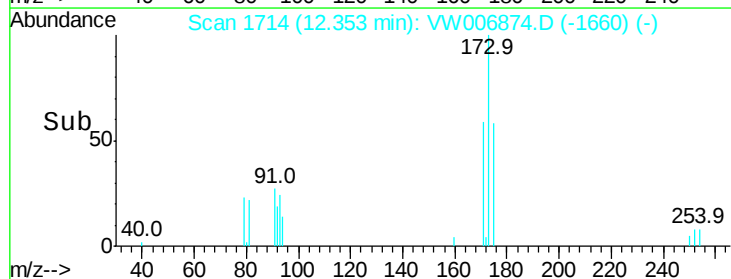
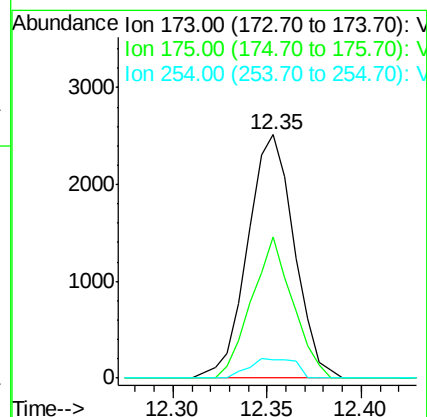
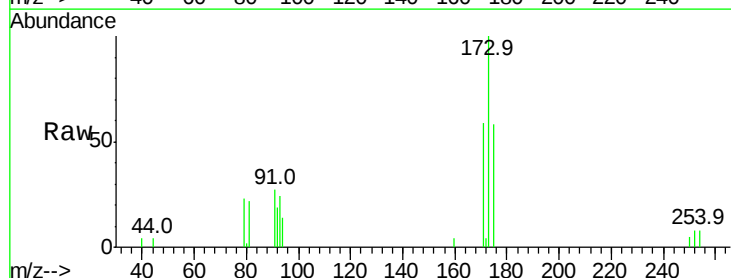
Tgt Ion: 173 Resp: 4296

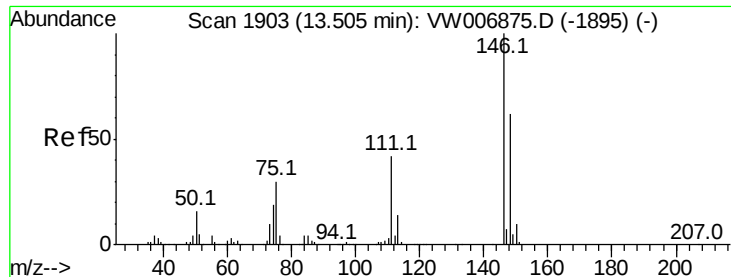
Ion Ratio Lower Upper

173 100

175 51.6 39.5 59.3

254 6.5 6.4 9.6

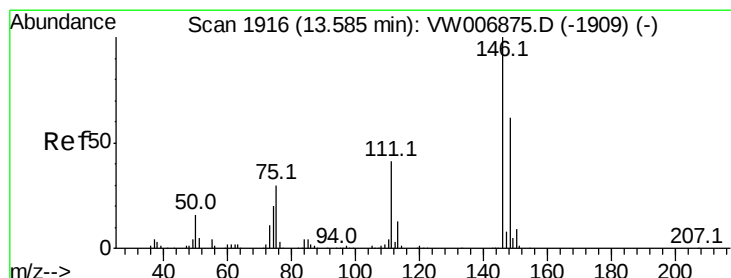
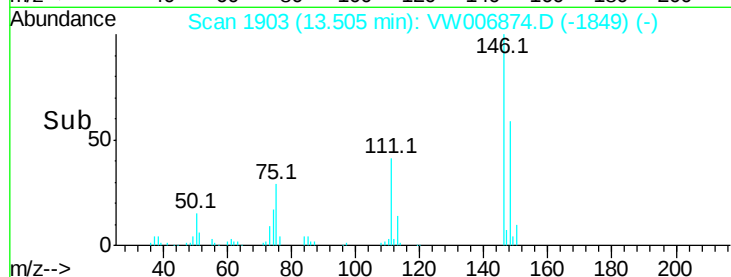
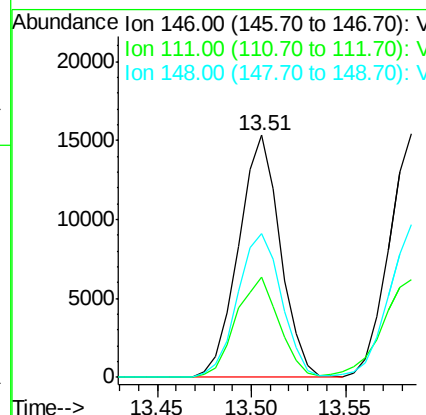
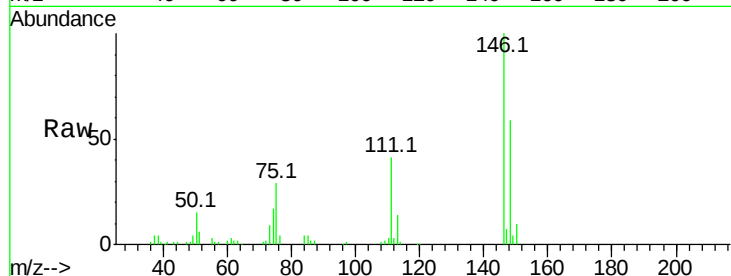




#63
1,3-Dichlorobenzene
Concen: 5.547 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

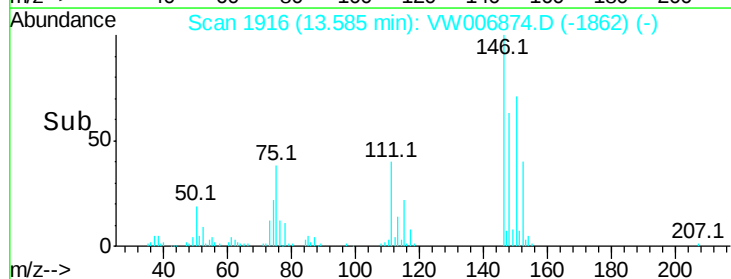
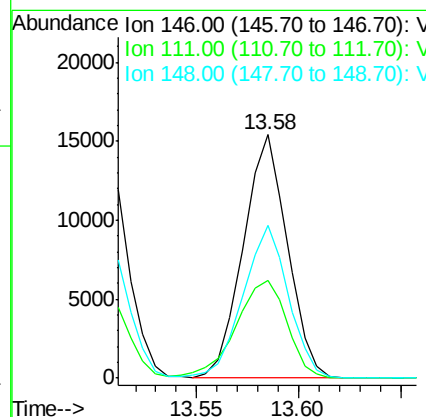
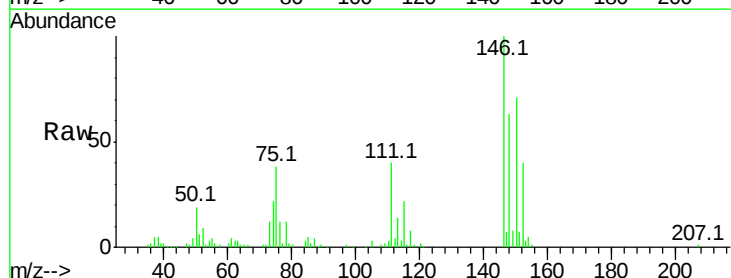
Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

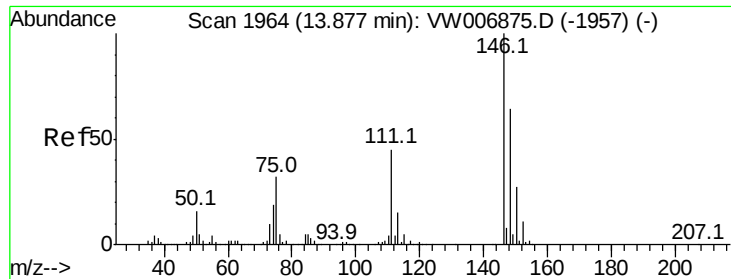
Tgt Ion:146 Resp: 23526
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 59.5 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 5.420 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW006874.D
Acq: 14 Nov 2018 13:47

Tgt Ion:146 Resp: 23147
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.4
148 62.6 43.2 80.2

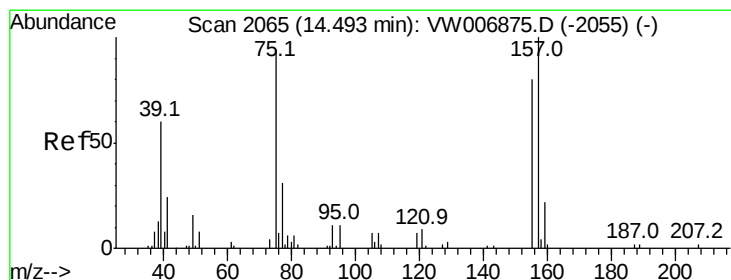
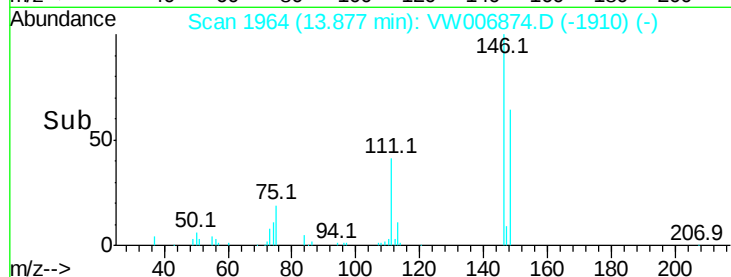
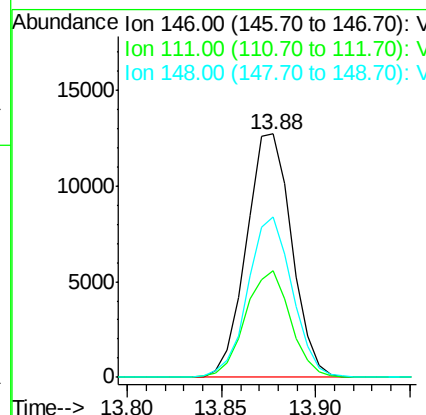
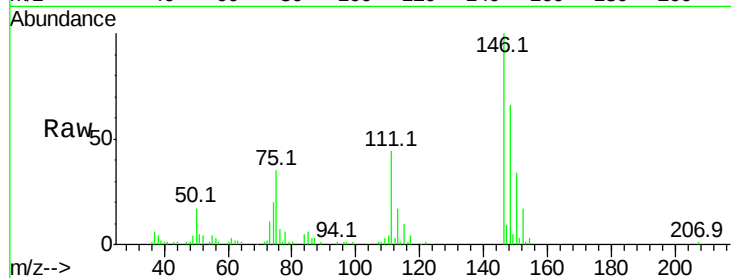




#65
 1,2-Dichlorobenzene
 Concen: 5.456 ug/L
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

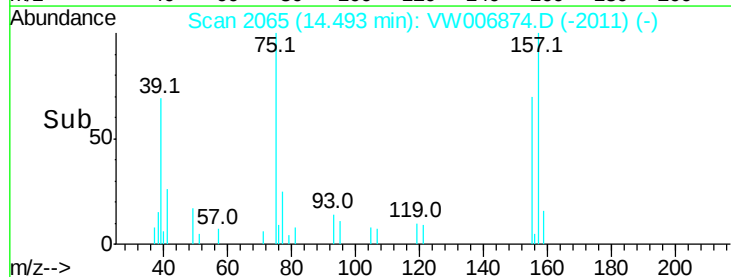
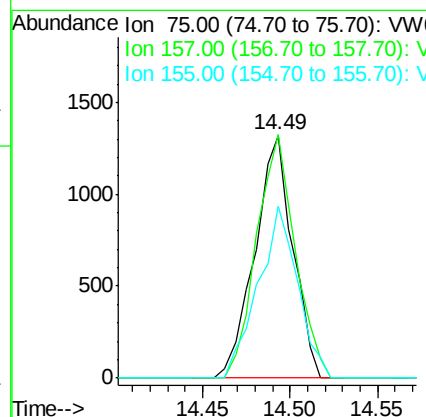
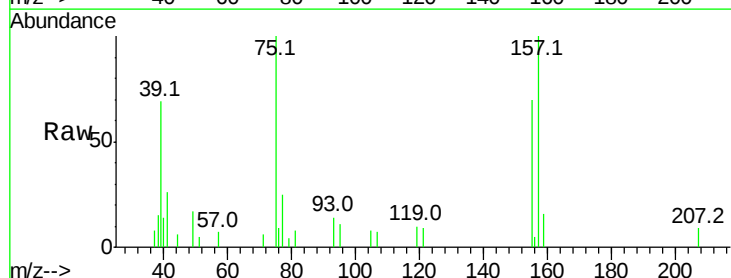
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD00582

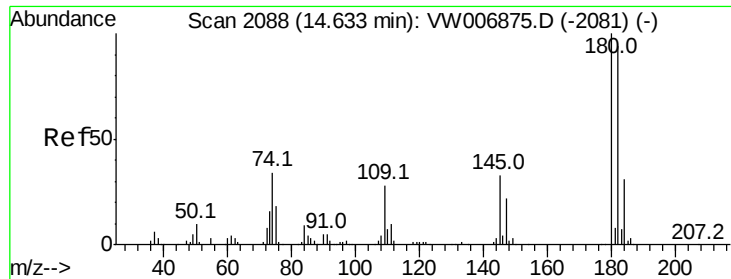
Tgt Ion: 146 Resp: 21286
 Ion Ratio Lower Upper
 146 100
 111 43.8 36.0 54.0
 148 65.9 51.4 77.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.315 ug/L
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Tgt Ion: 75 Resp: 1983
 Ion Ratio Lower Upper
 75 100
 157 100.5 85.0 127.6
 155 70.8 67.7 101.5

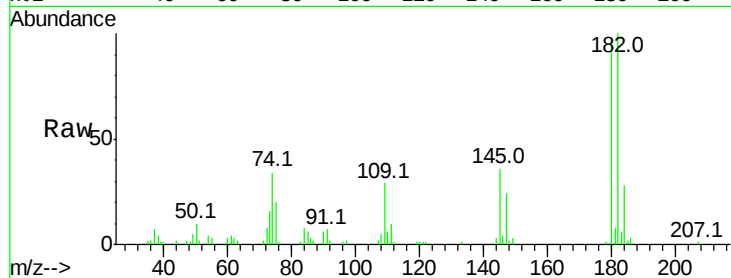




#67
 1,3,5-Trichlorobenzene
 Concen: 4.384 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

Tgt Ion:	180	Resp:	14988
Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.6	113.4
184	29.5	24.2	36.4
145	34.7	26.4	39.6

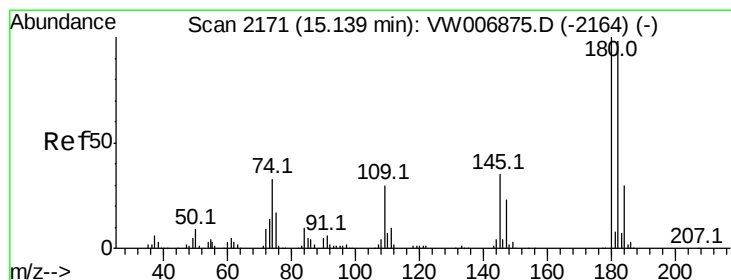
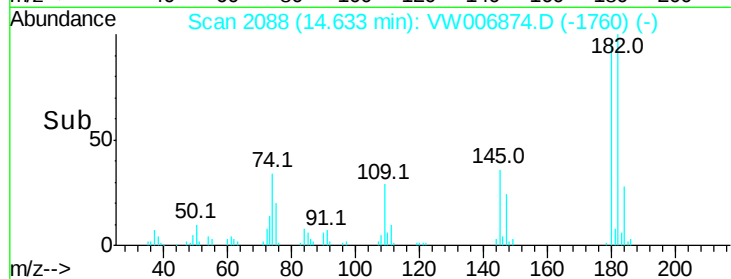
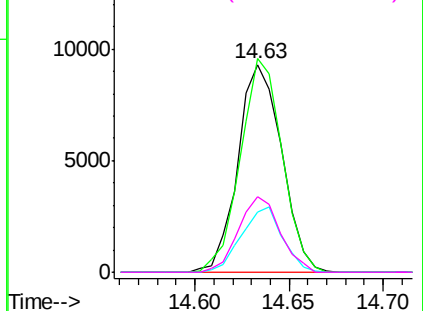


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

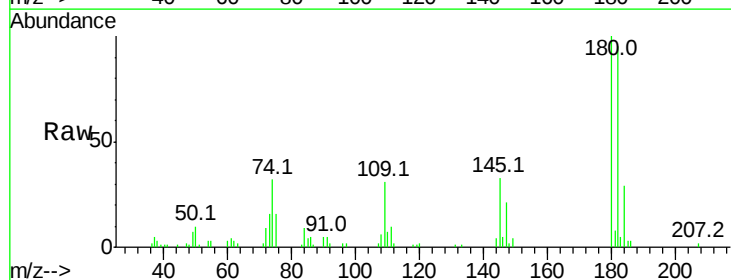
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.411 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006874.D
 Acq: 14 Nov 2018 13:47

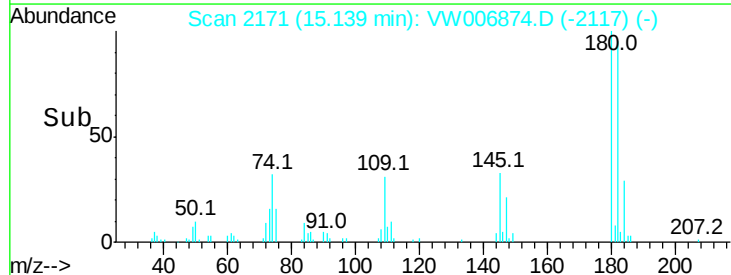
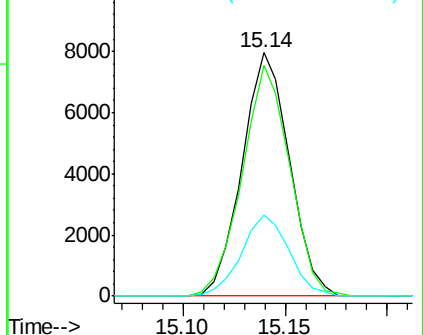
Tgt Ion:	180	Resp:	12857
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	33.5	27.4	41.2

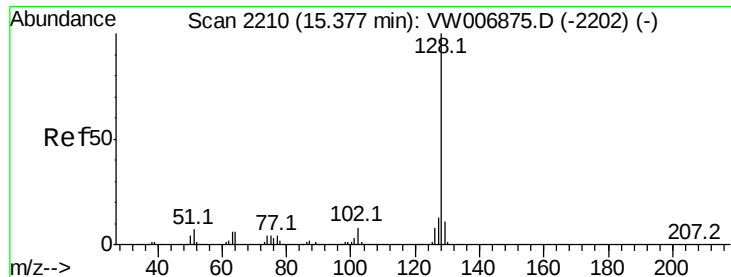


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 5.492 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD00582

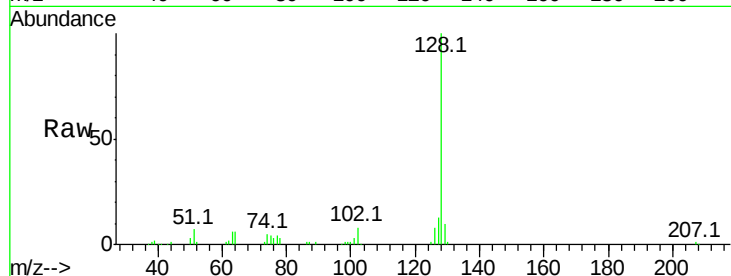
Tgt Ion:128 Resp: 32410

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

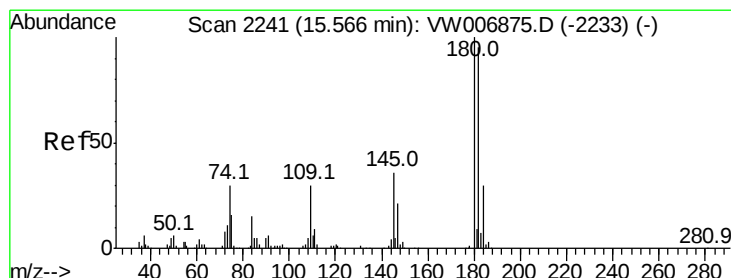
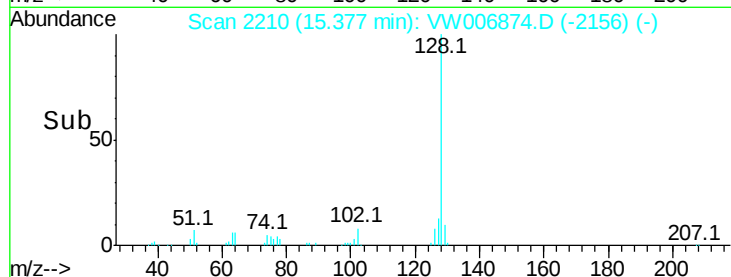
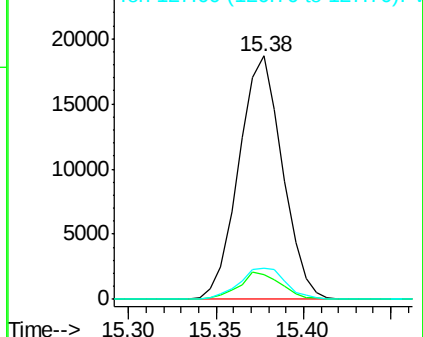
127 13.5 10.6 15.8



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: 4.428 ug/L

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006874.D

Acq: 14 Nov 2018 13:47

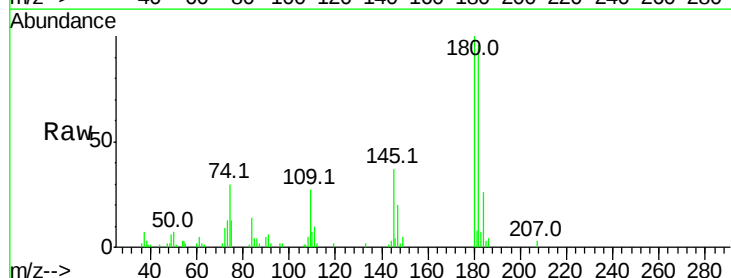
Tgt Ion:180 Resp: 11596

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 38.0 28.8 43.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

