

Data File : VW004885.D
Acq On : 22 Aug 2018 15:12
Operator : SY/AP
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

Quant Time: Aug 22 17:00:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 22 17:00:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	674471	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	731283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	363151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	37010	4.41	ug/L	0.00
7) Chloroethane-d5	2.89	69	28150	3.99	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	46933	2.75	ug/L	0.00
20) 2-Butanone-d5	7.09	46	12707	3.44	ug/L	0.00
24) Chloroform-d	7.66	84	43497	2.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23249	2.28	ug/L	0.00
29) Benzene-d6	8.28	84	90470	2.33	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	27436	2.16	ug/L	0.00
37) Toluene-d8	10.33	98	92619	2.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	11087	2.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9162	2.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26930	1.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	37522	2.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	33990	4.847 ug/L	99
3) Chloromethane	2.21	50	39321	4.245 ug/L	98
5) Vinyl chloride	2.36	62	39522	3.270 ug/L	99
6) Bromomethane	2.78	94	19312	2.763 ug/L	97
8) Chloroethane	2.92	64	22812	3.146 ug/L	95
9) Trichlorofluoromethane	3.26	101	40581	7.361 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	25274	2.640 ug/L #	87
12) 1,1-Dichloroethene	4.04	96	20986	2.244 ug/L	94
13) Acetone	4.15	43	13558	4.231 ug/L	97
14) Carbon disulfide	4.39	76	82619	2.880 ug/L	99
16) Methylene chloride	4.93	84	46306	3.457 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	39603	3.128 ug/L #	68
18) trans-1,2-Dichloroethene	5.43	96	21791	2.278 ug/L	89
19) 1,1-Dichloroethane	6.23	63	42804	2.359 ug/L	93
21) 2-Butanone	7.19	43	17097	3.898 ug/L	88
22) cis-1,2-Dichloroethene	7.18	96	22968	2.200 ug/L	96
23) Bromochloromethane	7.52	128	12575	2.517 ug/L	96
25) Chloroform	7.68	83	42011	2.268 ug/L	98
27) 1,2-Dichloroethane	8.41	62	26703	2.146 ug/L #	93
31) 1,1,1-Trichloroethane	7.88	97	34704	2.234 ug/L	98
32) Carbon tetrachloride	8.08	117	30604	2.044 ug/L	99
34) Benzene	8.33	78	95863	2.126 ug/L	100
35) Trichloroethene	9.10	95	24613	2.170 ug/L	98
36) Methylcyclohexane	9.34	83	40862	2.053 ug/L	96
43) 4-Methyl-2-pentanone	10.22	43	28473	3.180 ug/L	99
44) Toluene	10.40	91	113616	2.504 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	18995	2.046 ug/L	98
47) Tetrachloroethene	10.87	164	24264	2.704 ug/L	95
49) 2-Hexanone	10.98	43	20834	3.096 ug/L	98
52) Chlorobenzene	11.66	112	81854	2.668 ug/L	98

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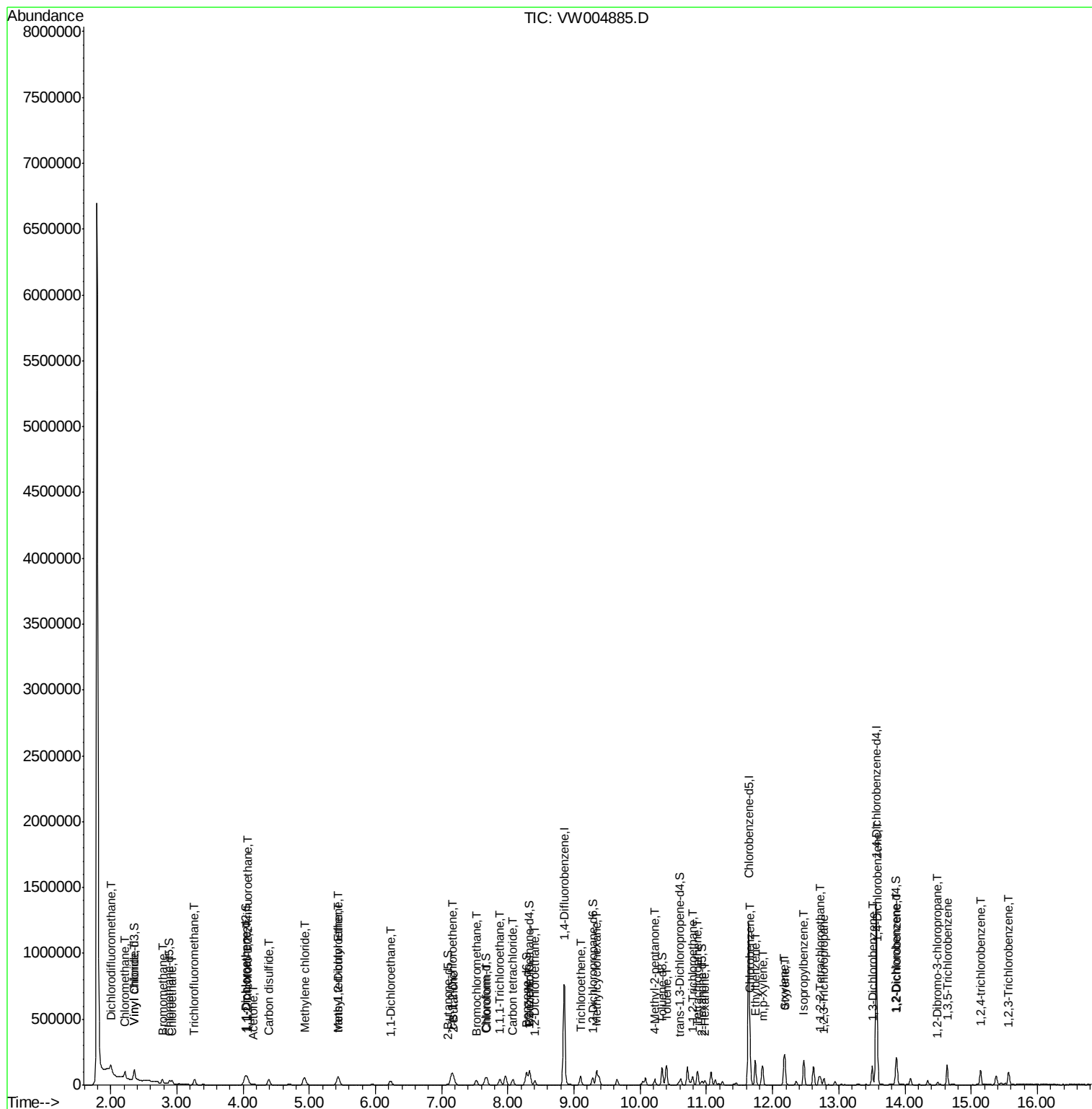
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Ethylbenzene	11.74	91	126930	2.490	ug/L	98
54) m,p-Xylene	11.85	106	47996	2.523	ug/L	96
55) o-xylene	12.17	106	43777	2.429	ug/L	99
56) Styrene	12.19	104	73398	2.337	ug/L	95
57) Isopropylbenzene	12.47	105	116156	2.381	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	27190	2.018	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	20758	2.063	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	61789	2.734	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	68058	2.802	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	60181	2.658	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	4895	2.105	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	49220	2.748	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	37907	2.616	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	34030	2.411	ug/L	99

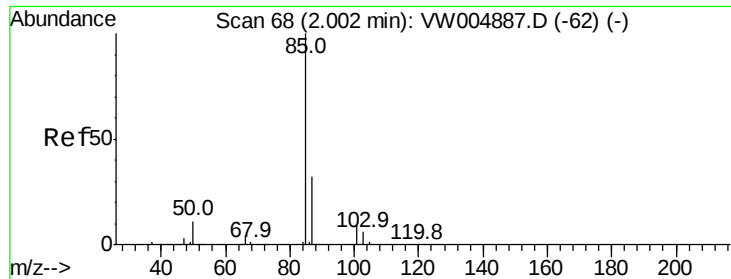
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.847 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

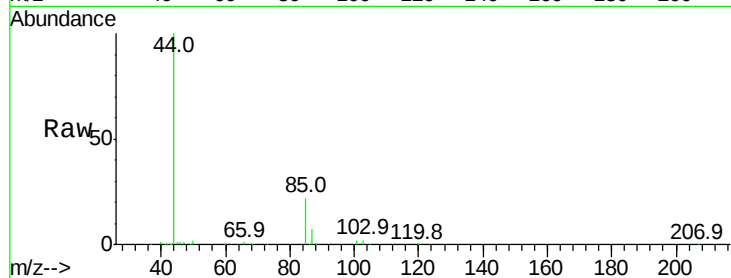
VSTD2.581

Tgt Ion: 85 Resp: 33990

Ion Ratio Lower Upper

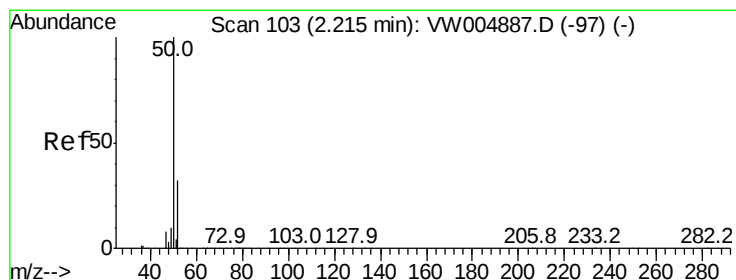
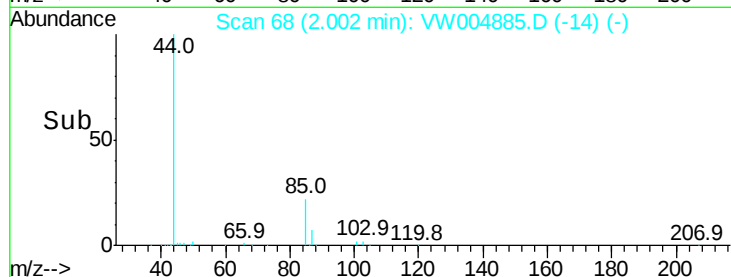
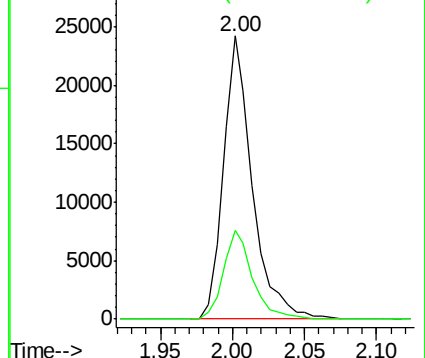
85 100

87 31.8 22.6 42.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 4.245 ug/L

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004885.D

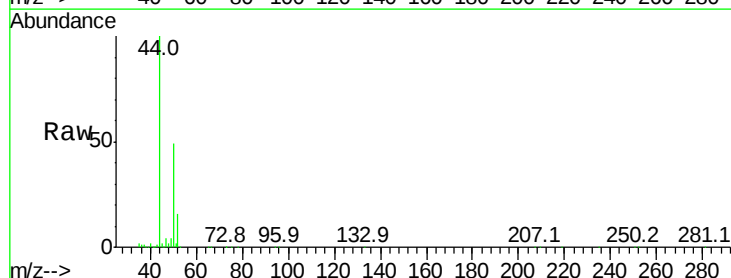
Acq: 22 Aug 2018 15:12

Tgt Ion: 50 Resp: 39321

Ion Ratio Lower Upper

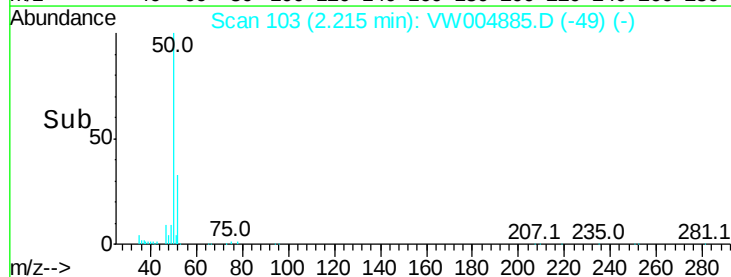
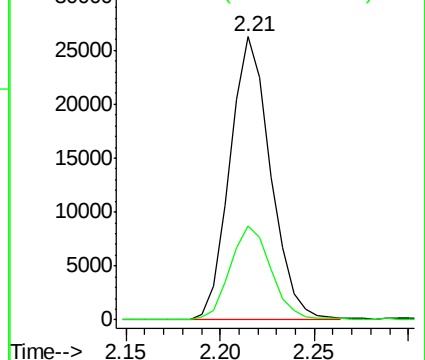
50 100

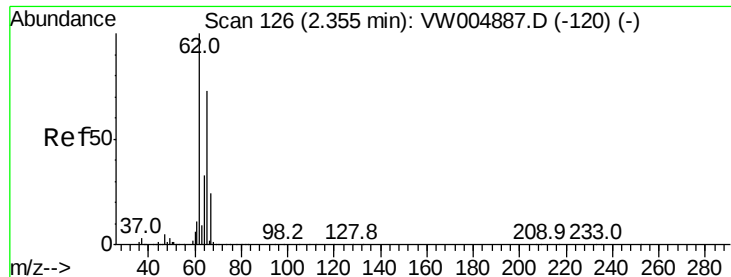
52 33.2 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 3.270 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

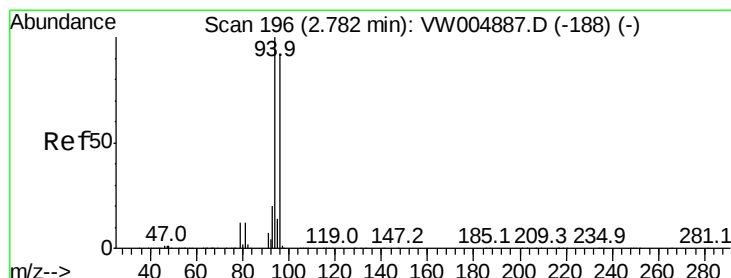
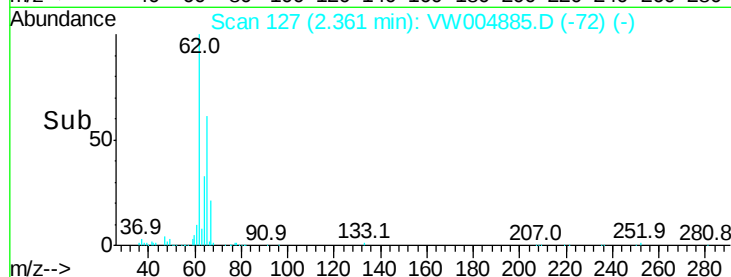
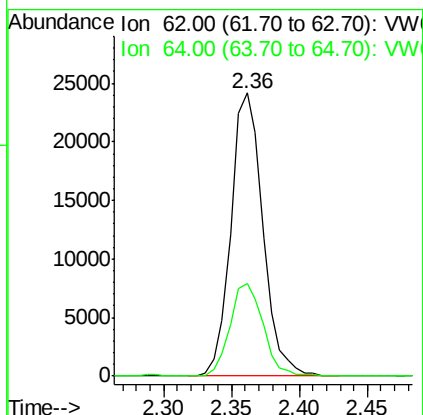
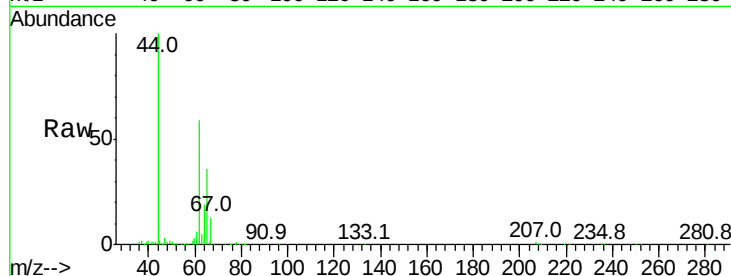
VSTD2.581

Tgt Ion: 62 Resp: 39522

Ion Ratio Lower Upper

62 100

64 32.8 23.3 43.3



#6

Bromomethane

Concen: 2.763 ug/L

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW004885.D

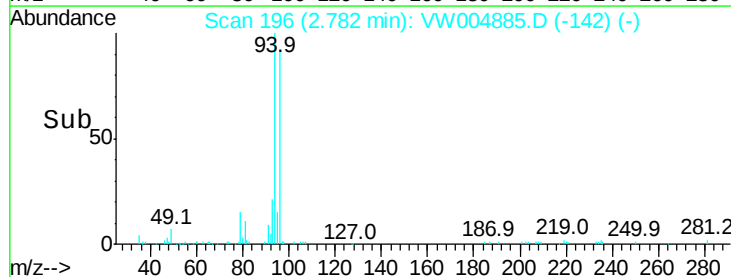
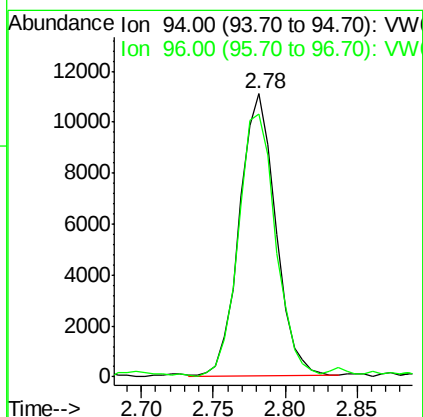
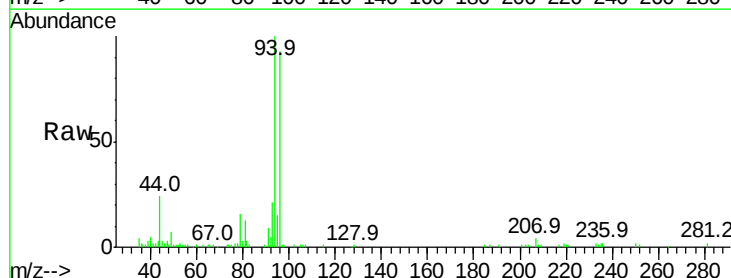
Acq: 22 Aug 2018 15:12

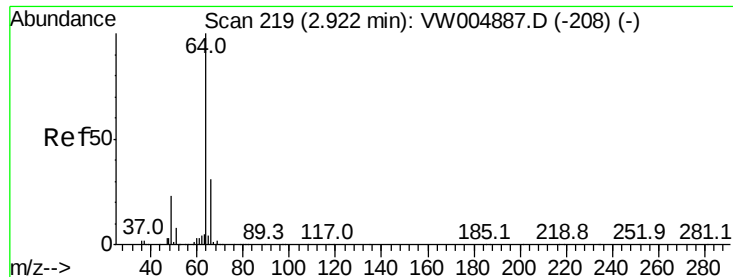
Tgt Ion: 94 Resp: 19312

Ion Ratio Lower Upper

94 100

96 96.5 9.3 177.7





#8

Chloroethane

Concen: 3.146 ug/L

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

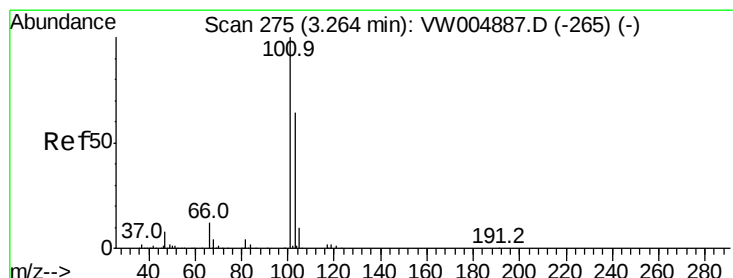
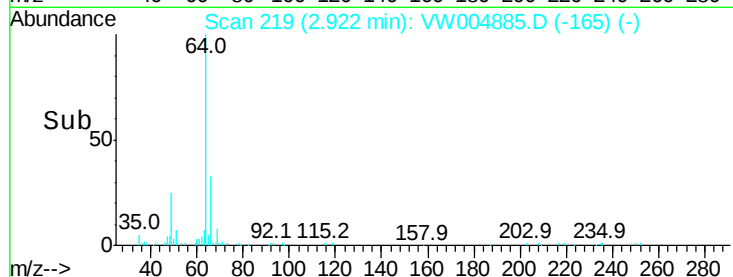
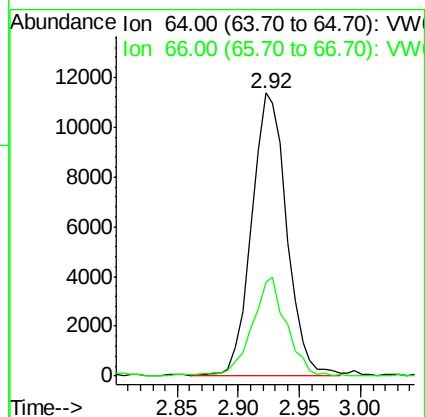
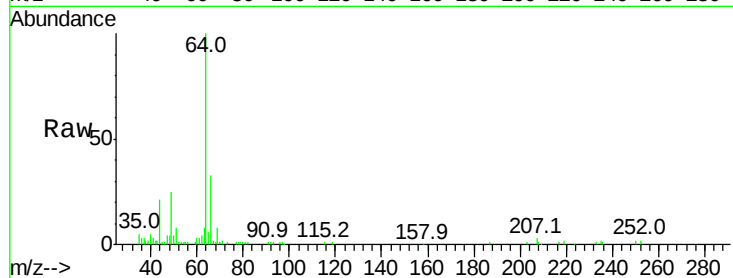
VSTD2.581

Tgt Ion: 64 Resp: 22812

Ion Ratio Lower Upper

64 100

66 33.3 21.5 39.9



#9

Trichlorofluoromethane

Concen: 7.361 ug/L

RT: 3.26 min Scan# 275

Delta R.T. -0.00 min

Lab File: VW004885.D

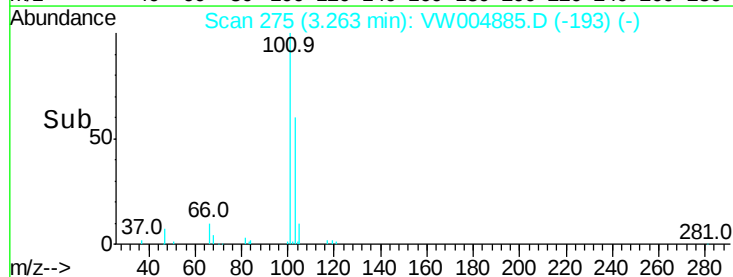
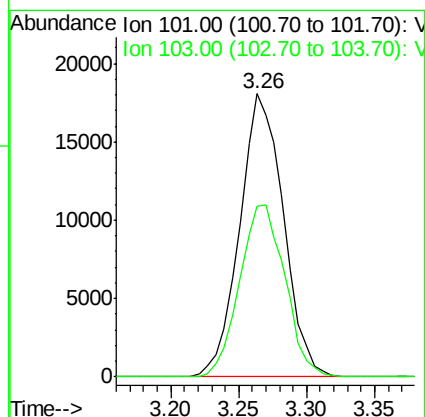
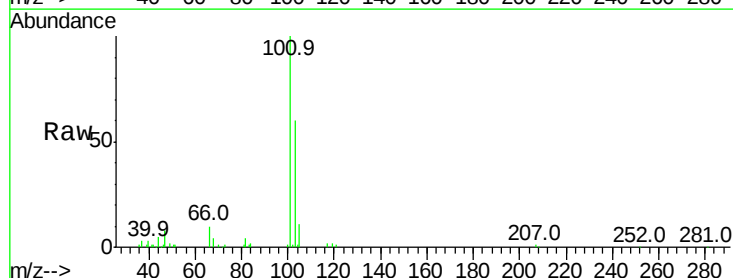
Acq: 22 Aug 2018 15:12

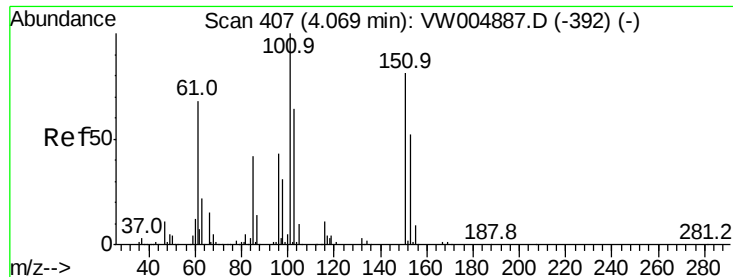
Tgt Ion: 101 Resp: 40581

Ion Ratio Lower Upper

101 100

103 62.9 45.1 83.7





#11

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

Concen: 2.640 ug/L

RT: 4.07 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

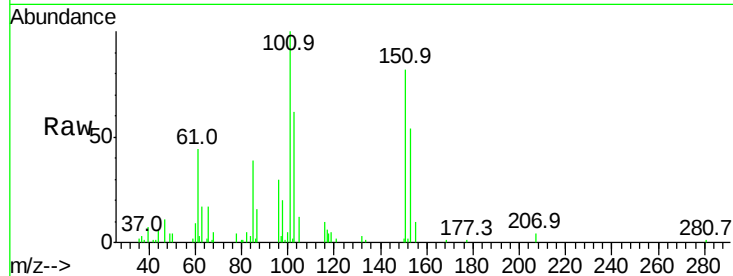
Tgt Ion:101 Resp: 25274

Ion Ratio Lower Upper

101 100

85 20.6 34.2 51.2#

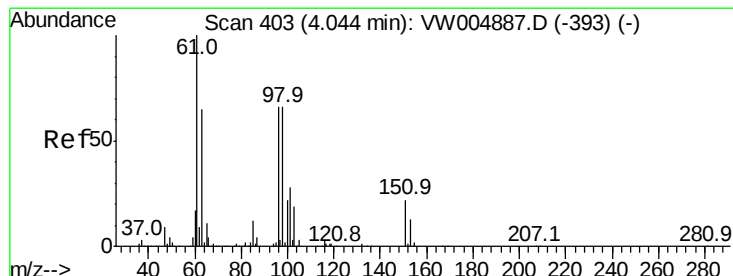
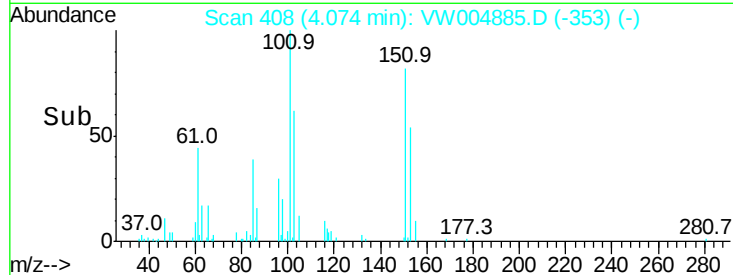
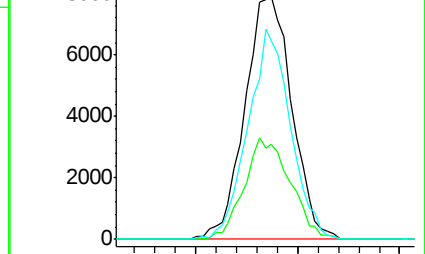
151 78.2 64.1 96.1



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: 2.244 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

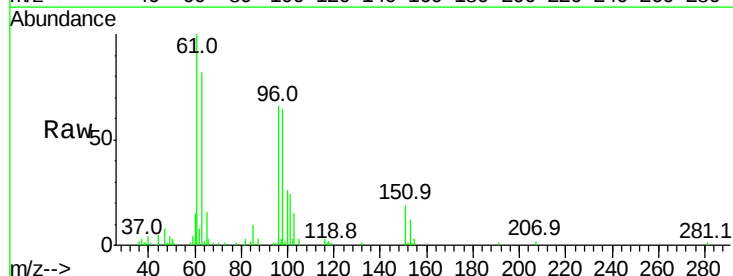
Tgt Ion: 96 Resp: 20986

Ion Ratio Lower Upper

96 100

61 152.1 107.0 198.8

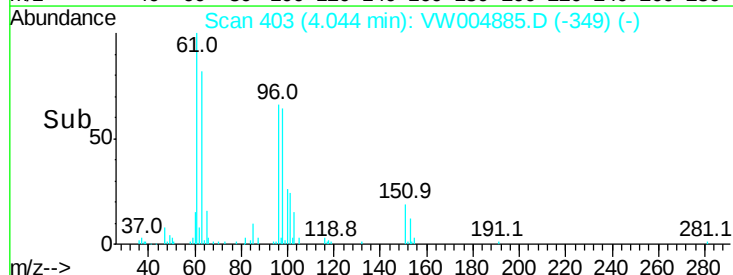
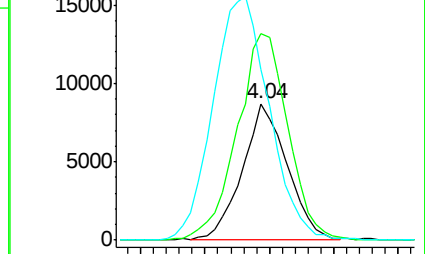
63 125.2 76.9 142.7

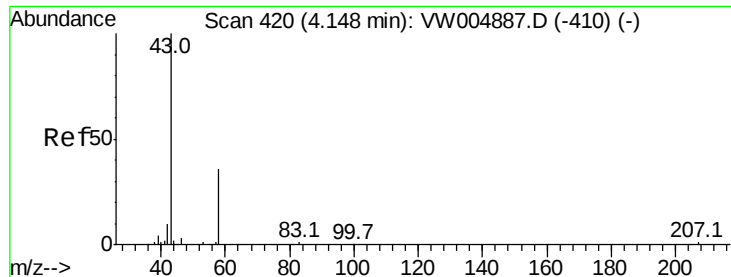


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 4.231 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

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ClientSampleId :

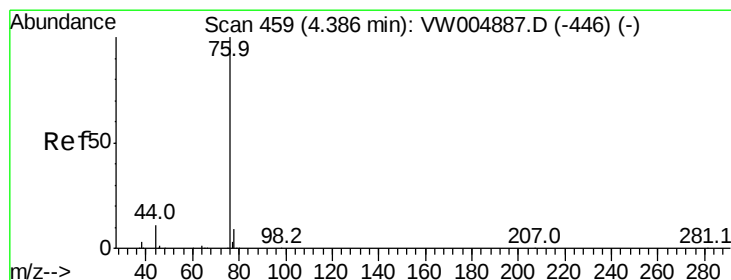
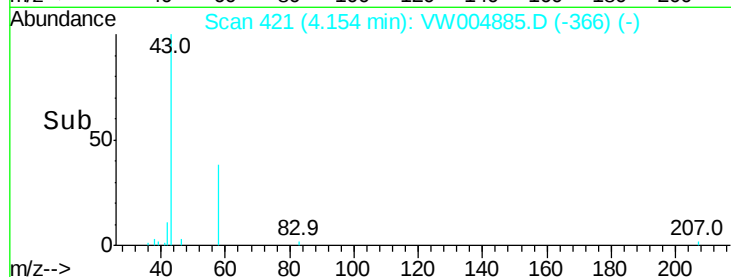
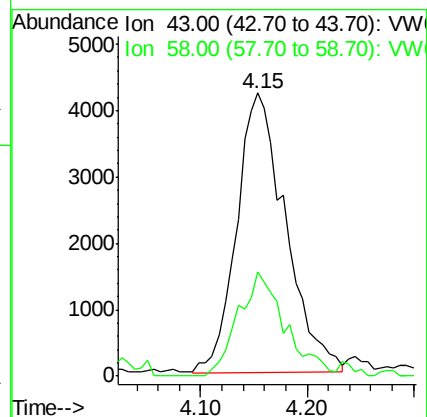
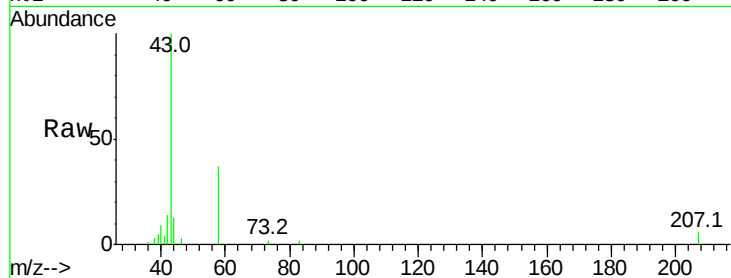
VSTD2.581

Tgt Ion: 43 Resp: 13558

Ion Ratio Lower Upper

43 100

58 32.9 0.0 69.4



#14

Carbon disulfide

Concen: 2.880 ug/L

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW004885.D

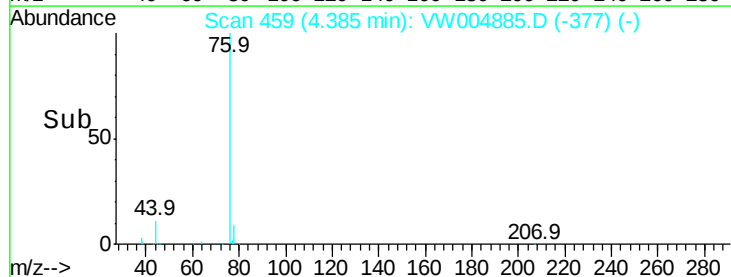
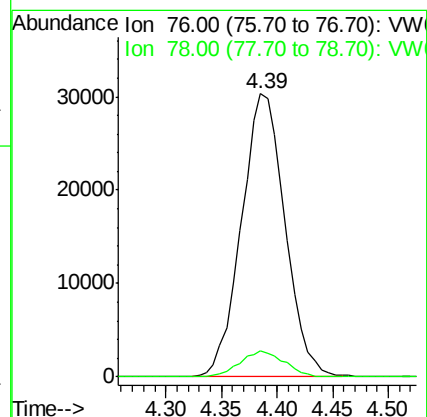
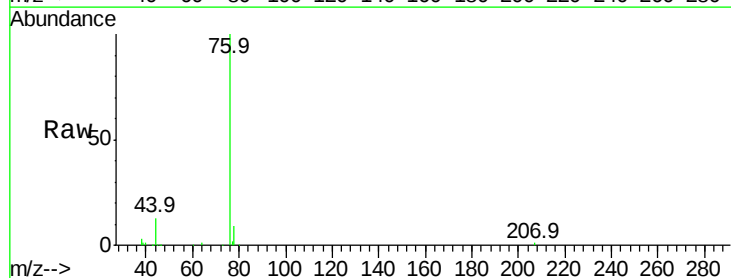
Acq: 22 Aug 2018 15:12

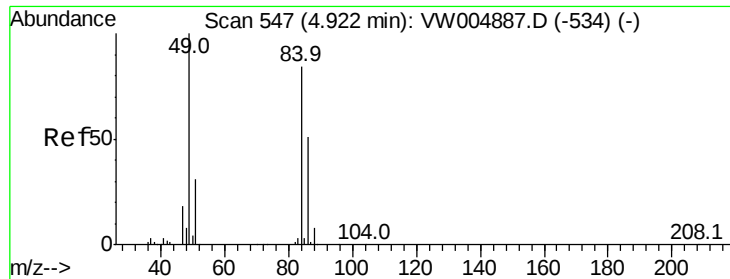
Tgt Ion: 76 Resp: 82619

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

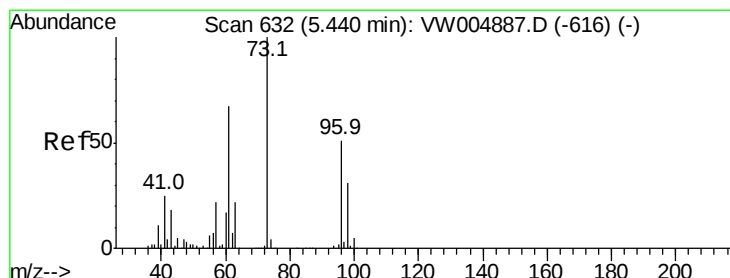
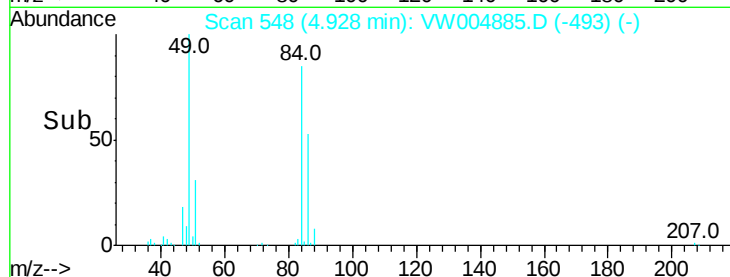
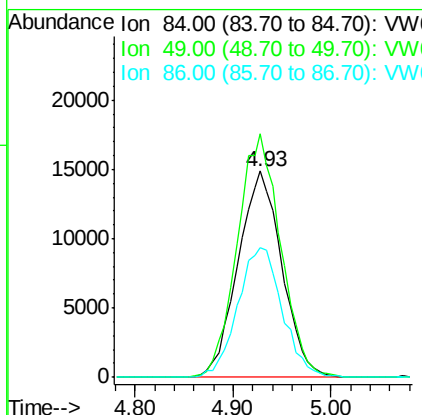
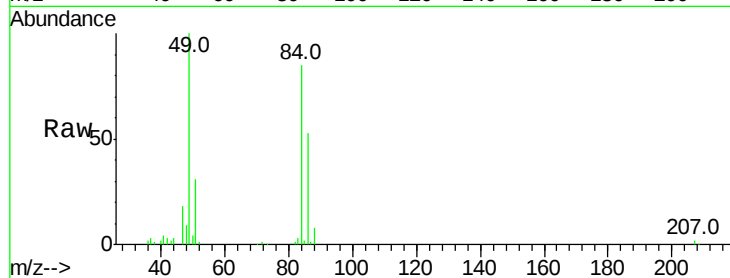




#16
Methylene chloride
Concen: 3.457 ug/L
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

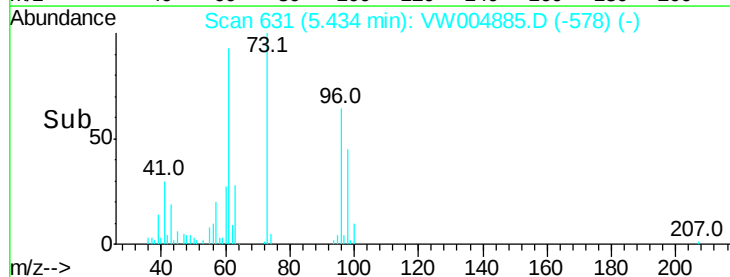
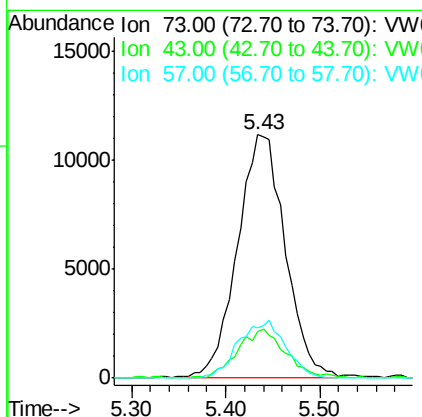
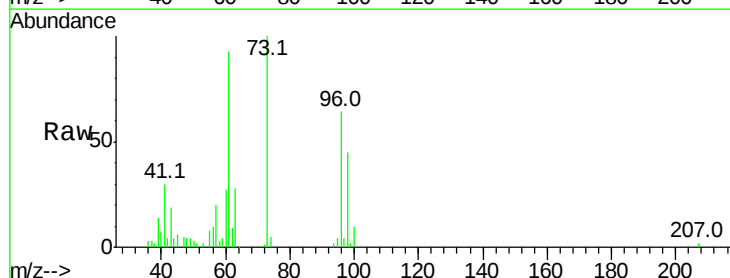
Instrument :
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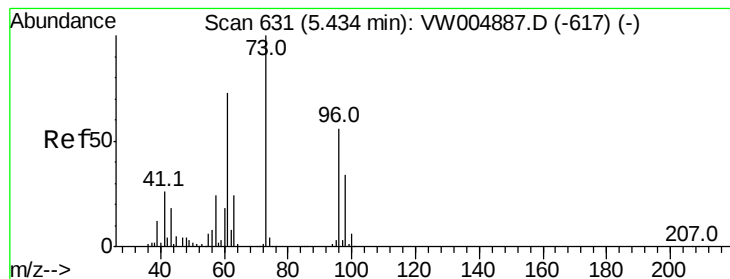
Tgt Ion: 84 Resp: 46306
Ion Ratio Lower Upper
84 100
49 117.9 83.8 155.6
86 62.7 42.6 79.0



#17
Methyl tert-butyl Ether
Concen: 3.128 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.01 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

Tgt Ion: 73 Resp: 39603
Ion Ratio Lower Upper
73 100
43 0.0 14.6 22.0#
57 11.0 18.2 27.4#





#18

trans-1,2-Dichloroethene

Concen: 2.278 ug/L

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

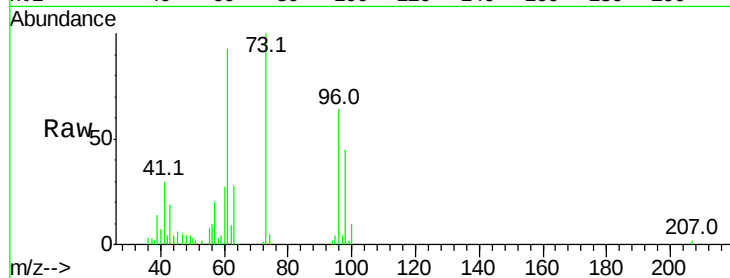
Tgt Ion: 96 Resp: 21791

Ion Ratio Lower Upper

96 100

61 144.4 92.5 171.9

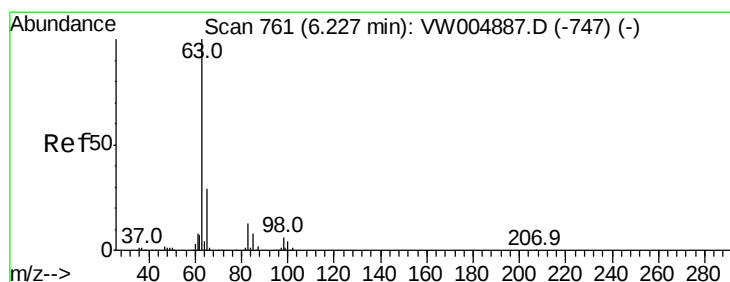
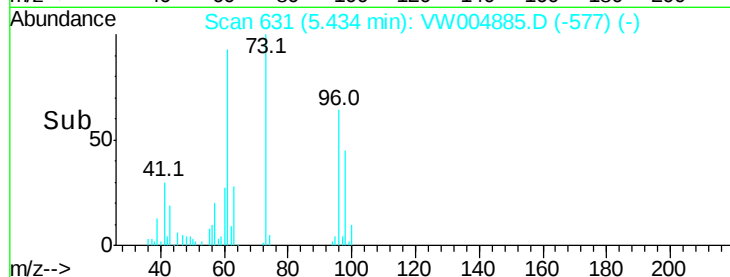
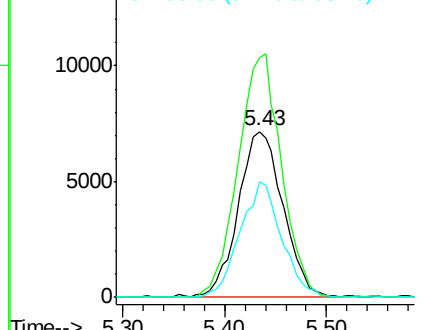
98 70.1 42.8 79.4



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



#19

1,1-Dichloroethane

Concen: 2.359 ug/L

RT: 6.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

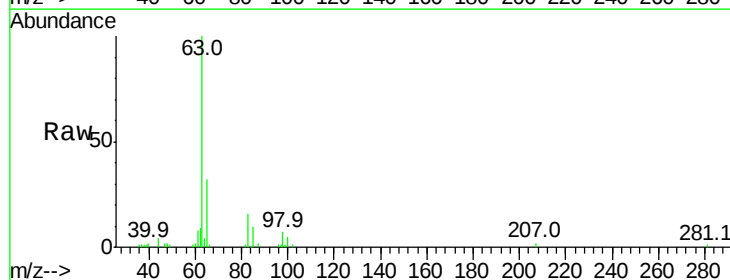
Tgt Ion: 63 Resp: 42804

Ion Ratio Lower Upper

63 100

65 32.5 20.5 38.1

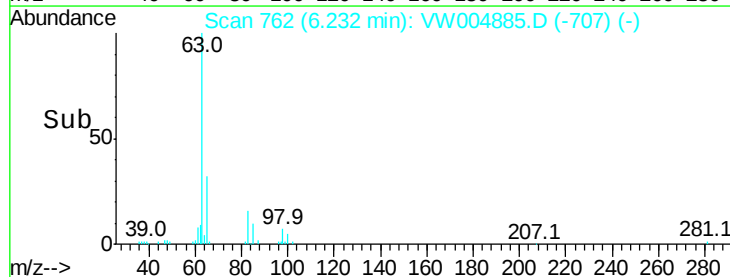
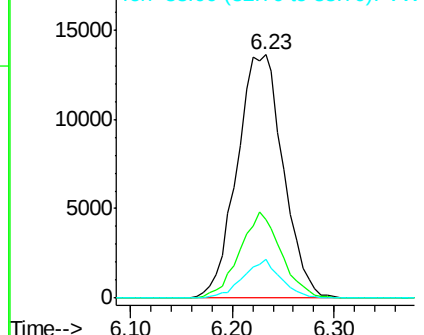
83 16.2 8.8 16.4

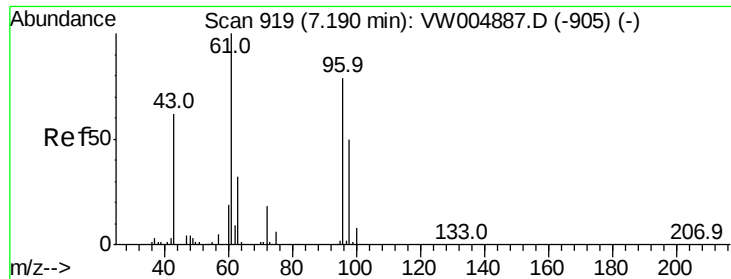


Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW

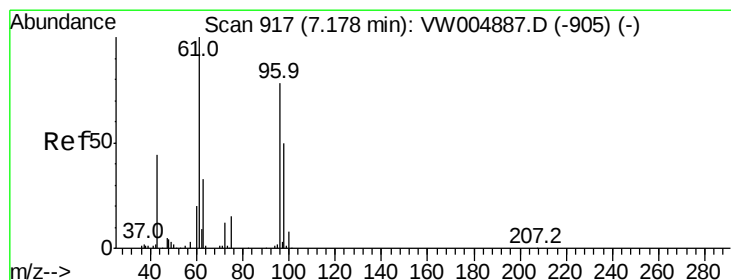
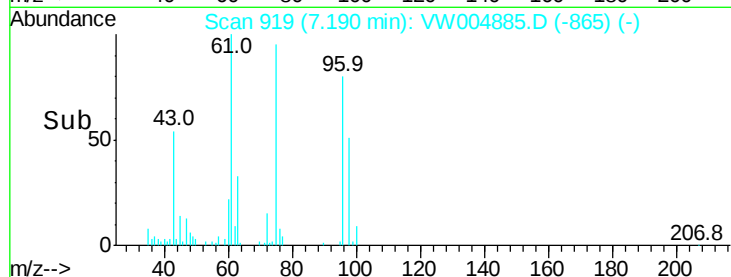
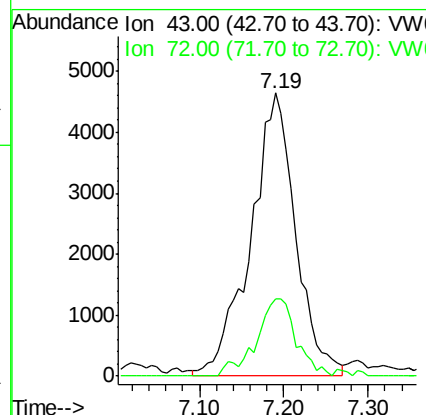
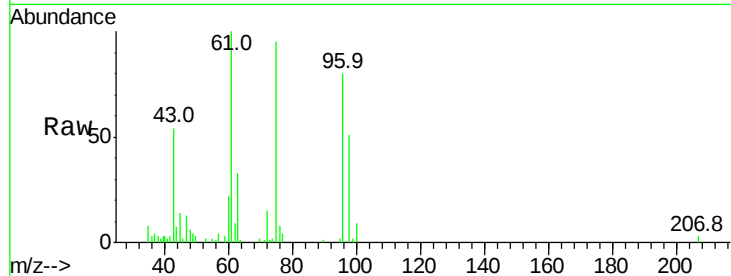




#21
 2-Butanone
 Concen: 3.898 ug/L
 RT: 7.19 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

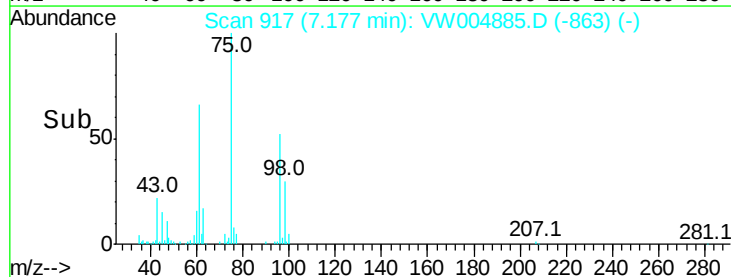
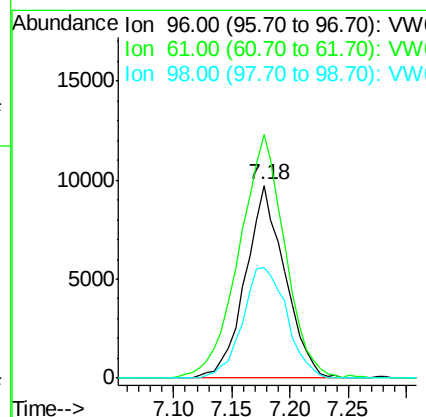
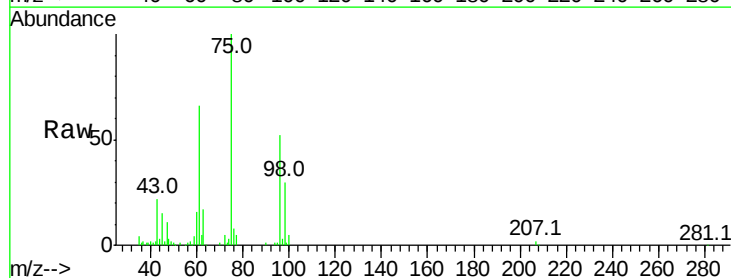
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

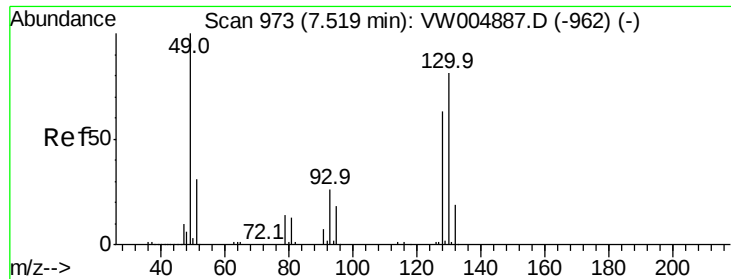
Tgt Ion: 43 Resp: 17097
 Ion Ratio Lower Upper
 43 100
 72 22.2 14.2 42.8



#22
 cis-1,2-Dichloroethene
 Concen: 2.200 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Tgt Ion: 96 Resp: 22968
 Ion Ratio Lower Upper
 96 100
 61 126.3 89.7 166.7
 98 57.2 45.0 83.6





#23

Bromochloromethane

Concen: 2.517 ug/L

RT: 7.52 min Scan# 974

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

Tgt Ion:128 Resp: 12575

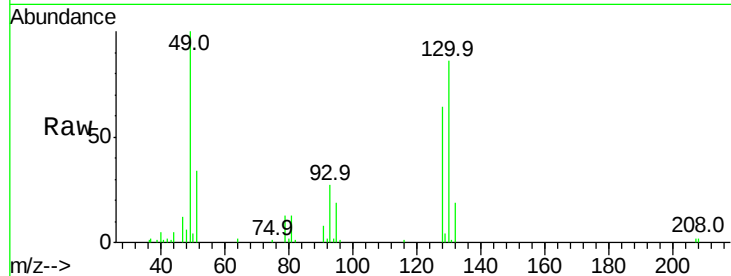
Ion Ratio Lower Upper

128 100

49 157.4 111.3 206.7

130 135.7 90.2 167.6

51 53.1 39.3 58.9



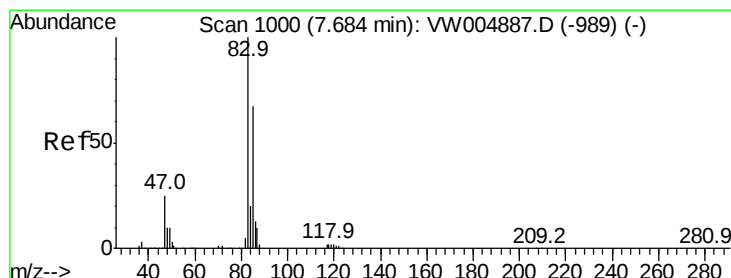
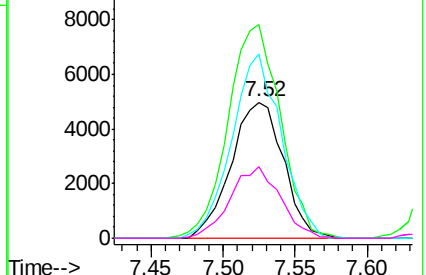
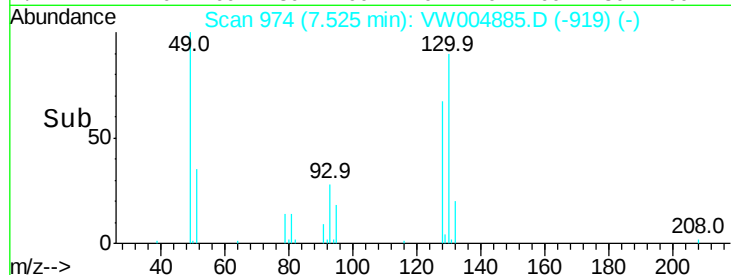
Abundance Ion 128.00 (127.70 to 128.70): V

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

Time-->



#25

Chloroform

Concen: 2.268 ug/L

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW004885.D

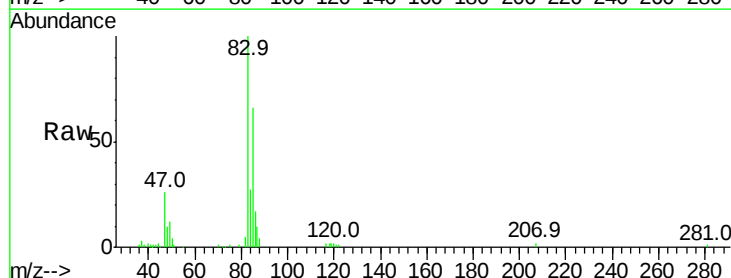
Acq: 22 Aug 2018 15:12

Tgt Ion: 83 Resp: 42011

Ion Ratio Lower Upper

83 100

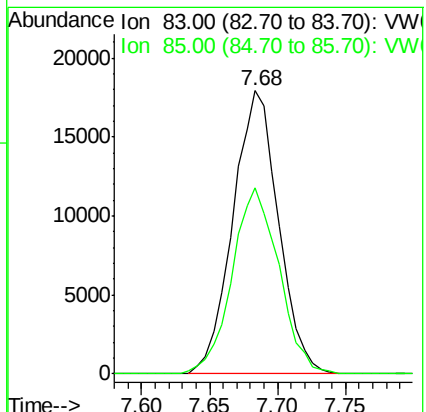
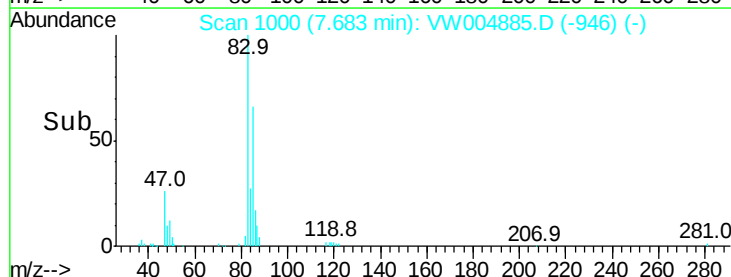
85 67.4 46.3 85.9

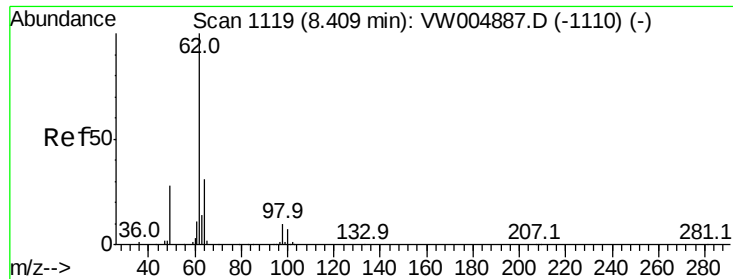


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Time-->

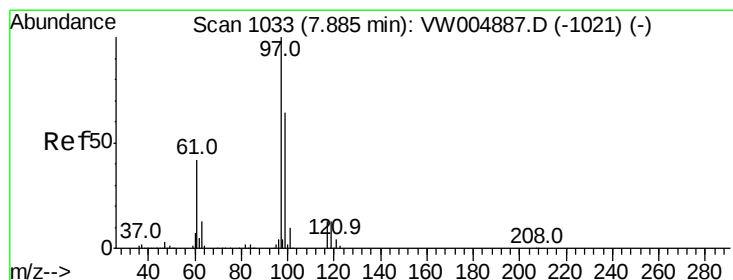
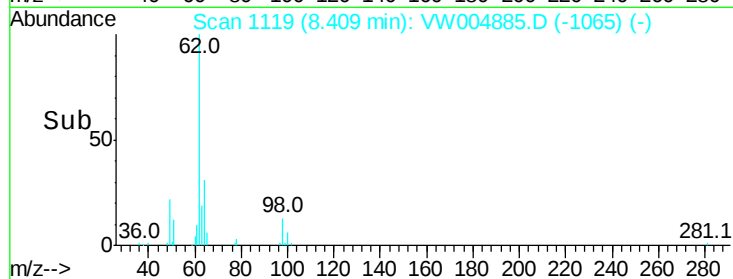
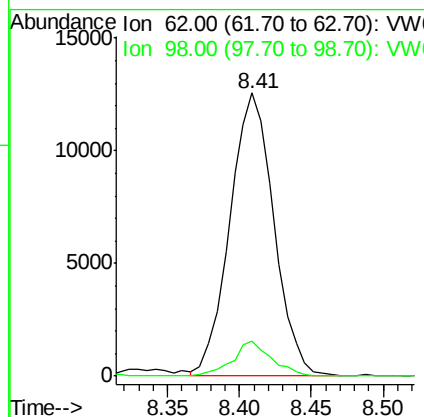
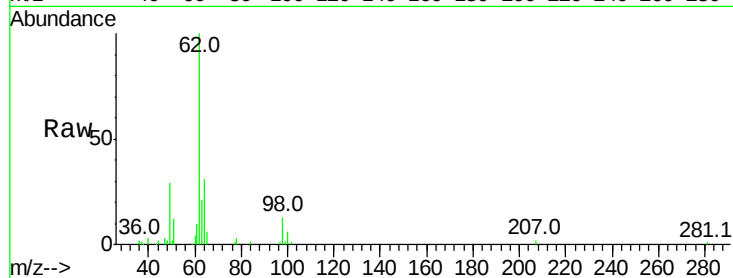




#27
 1,2-Dichloroethane
 Concen: 2.146 ug/L
 RT: 8.41 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

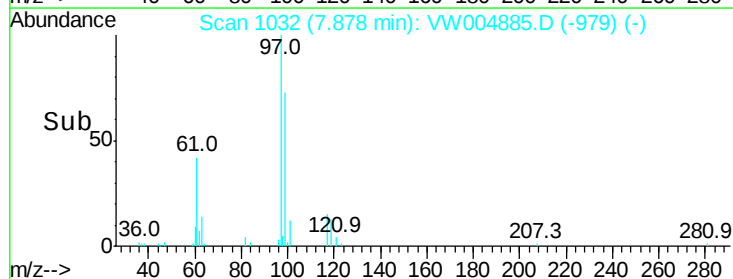
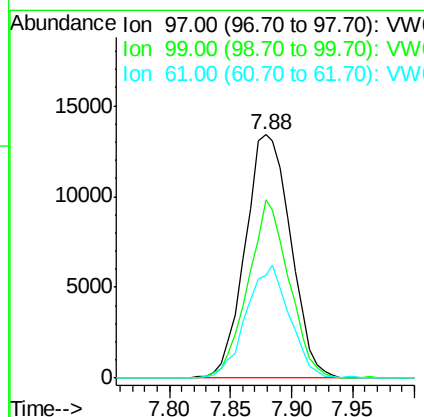
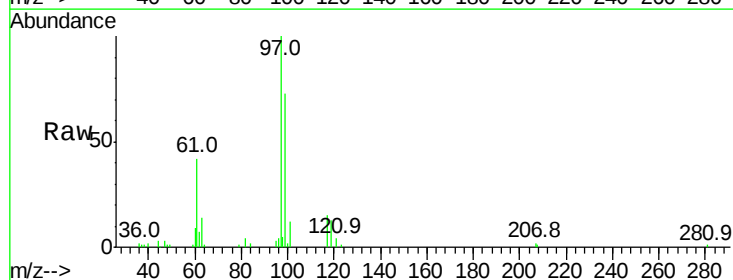
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

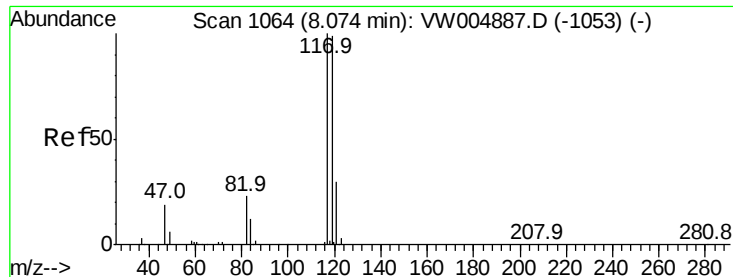
Tgt Ion: 62 Resp: 26703
 Ion Ratio Lower Upper
 62 100
 98 12.6 8.0 12.0#



#31
 1,1,1-Trichloroethane
 Concen: 2.234 ug/L
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Tgt Ion: 97 Resp: 34704
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.2 76.8
 61 44.1 34.9 52.3





#32

Carbon tetrachloride

Concen: 2.044 ug/L

RT: 8.08 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

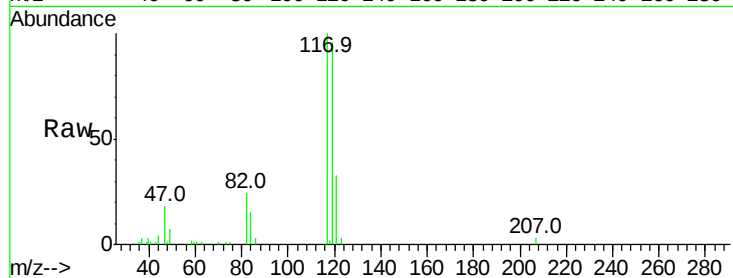
VSTD2.581

Tgt Ion:117 Resp: 30604

Ion Ratio Lower Upper

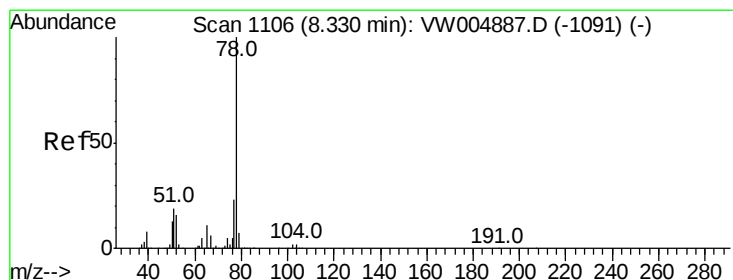
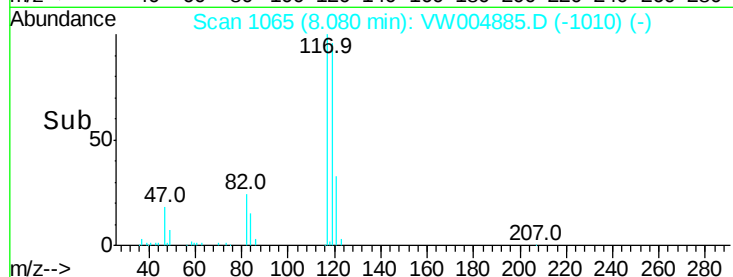
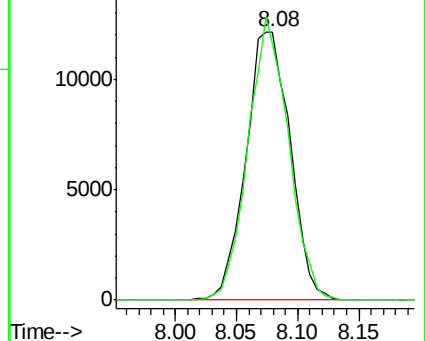
117 100

119 96.3 78.2 117.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 2.126 ug/L

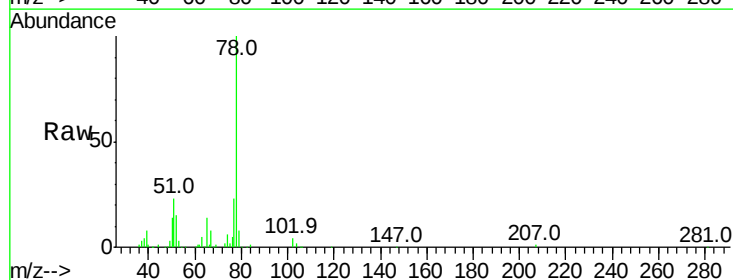
RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

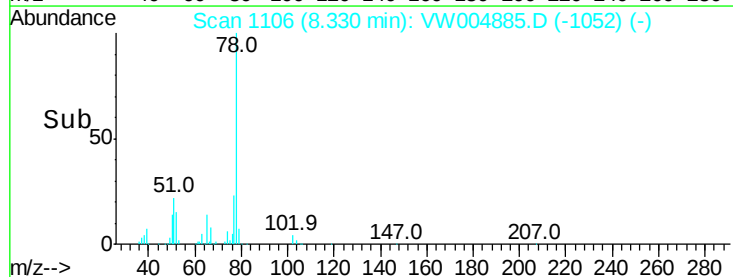
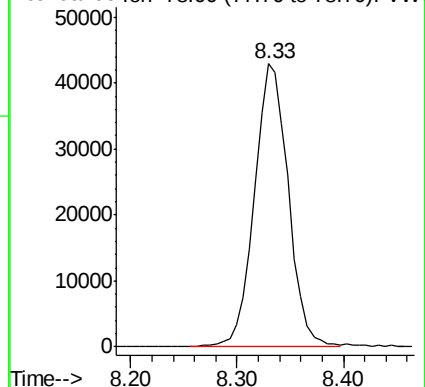
Lab File: VW004885.D

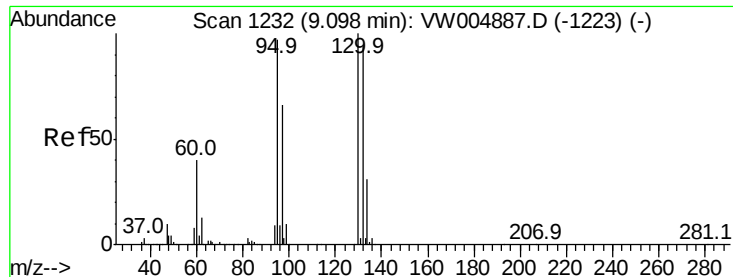
Acq: 22 Aug 2018 15:12

Tgt Ion: 78 Resp: 95863



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 2.170 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Tgt Ion: 95 Resp: 24613

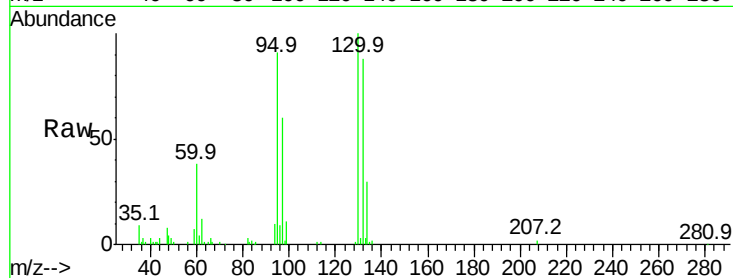
Ion Ratio Lower Upper

95 100

97 62.5 45.9 85.3

132 97.6 69.2 128.4

130 101.6 72.7 135.1

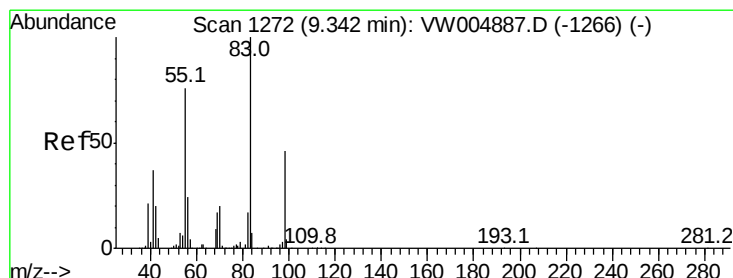
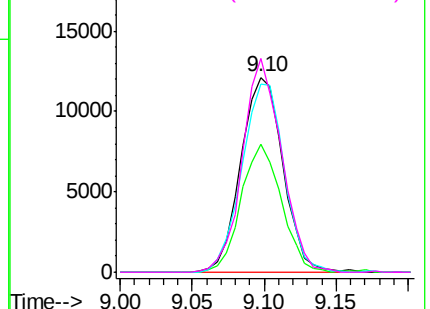
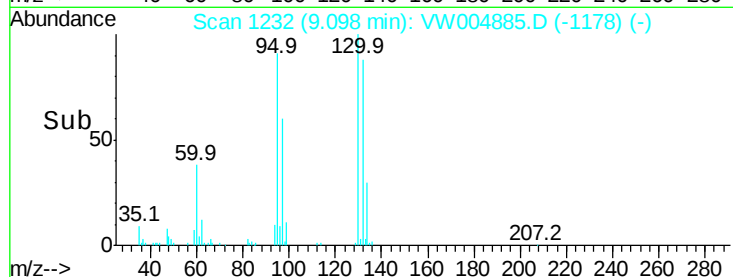


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.053 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

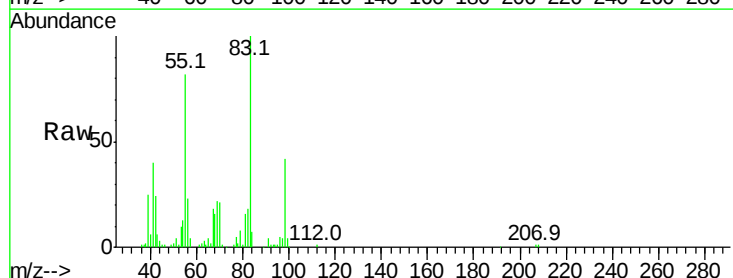
Tgt Ion: 83 Resp: 40862

Ion Ratio Lower Upper

83 100

55 80.5 61.1 91.7

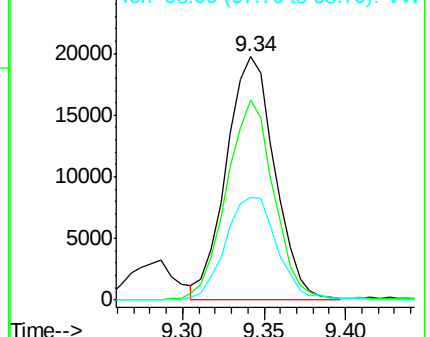
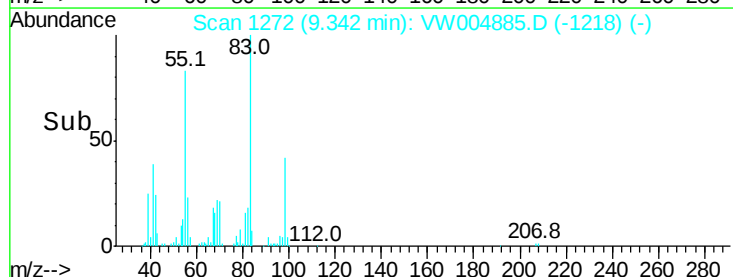
98 45.1 37.0 55.4

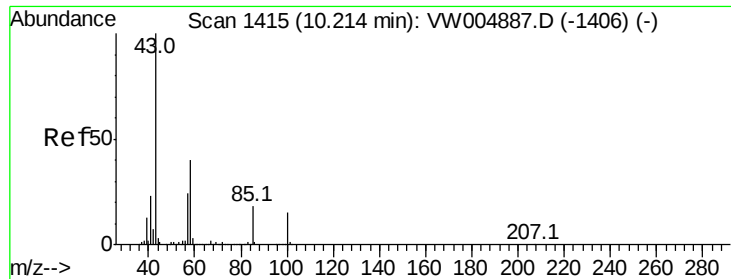


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

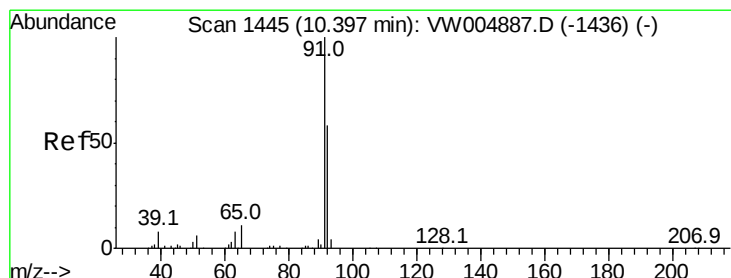
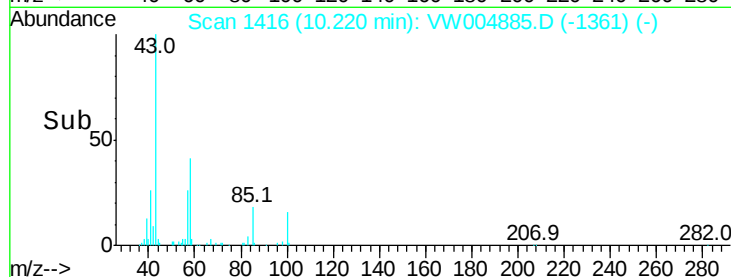
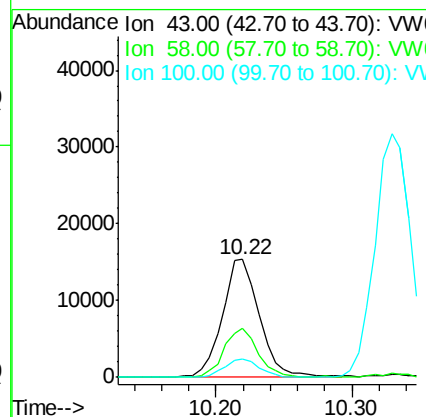
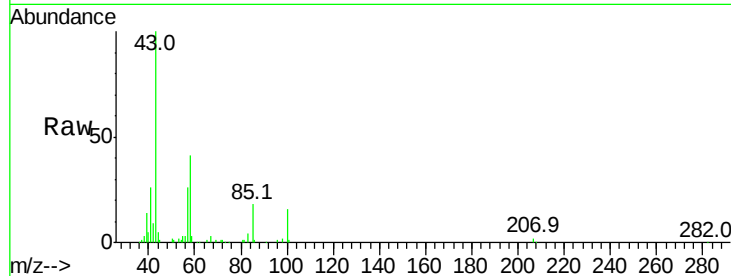




#43
 4-Methyl-2-pentanone
 Concen: 3.180 ug/L
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

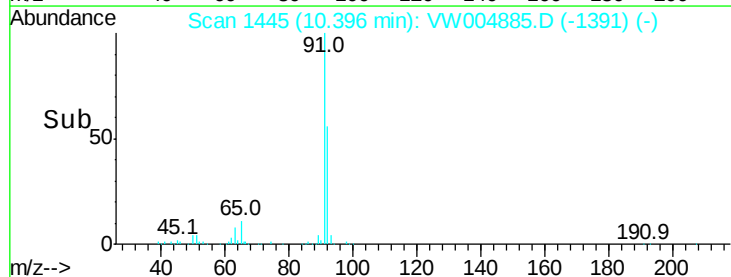
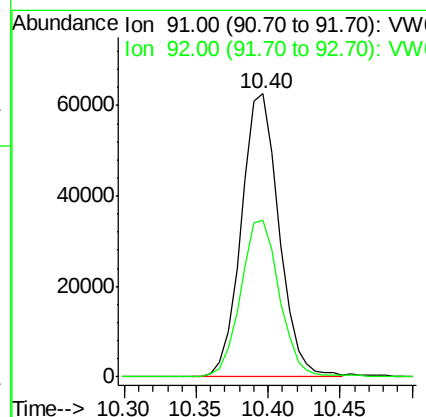
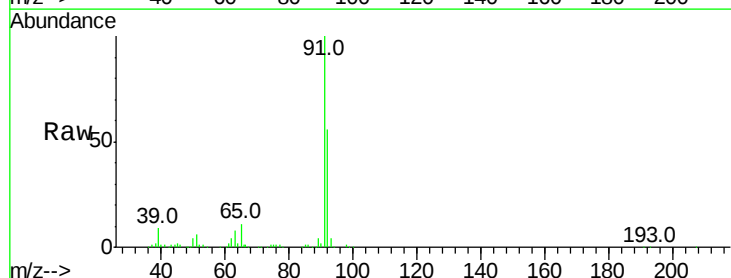
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

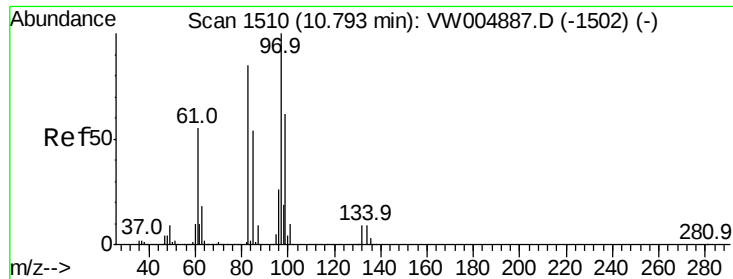
Tgt Ion: 43 Resp: 28473
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.1 48.1
 100 14.9 12.6 18.8



#44
 Toluene
 Concen: 2.504 ug/L
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Tgt Ion: 91 Resp: 113616
 Ion Ratio Lower Upper
 91 100
 92 55.6 40.6 75.4

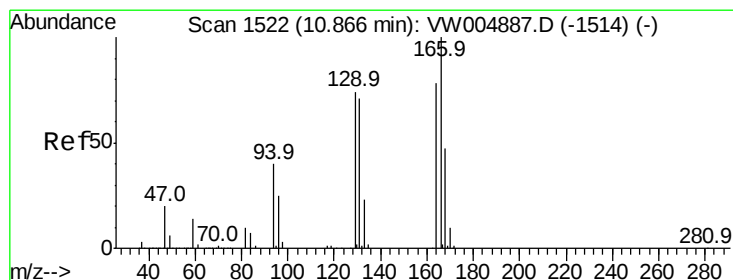
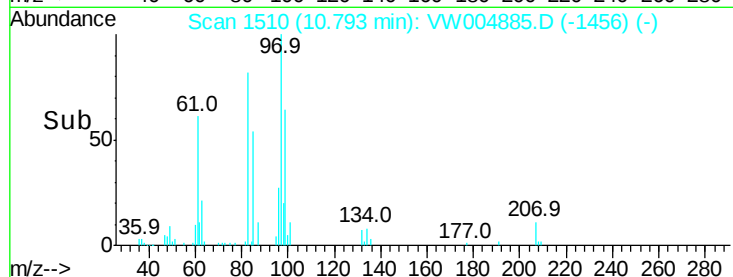
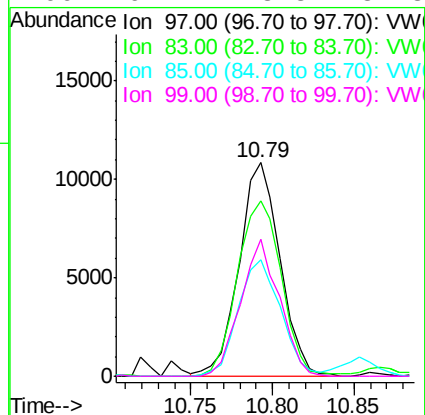
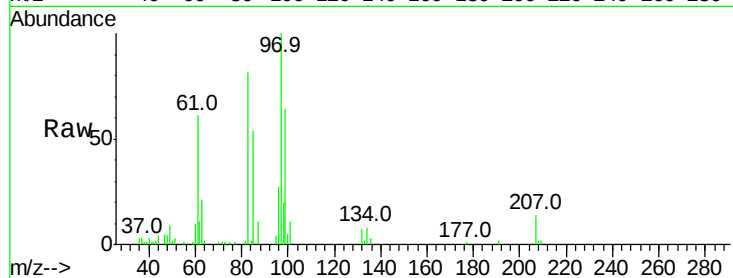




#46
 1,1,2-Trichloroethane
 Concen: 2.046 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

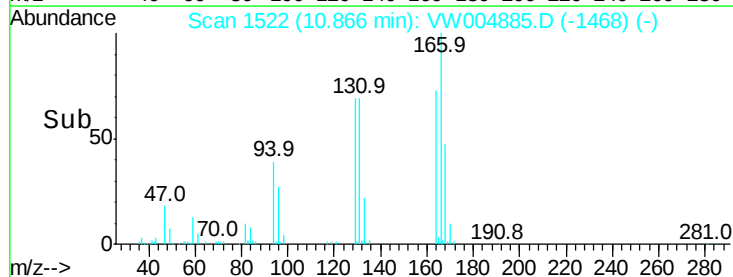
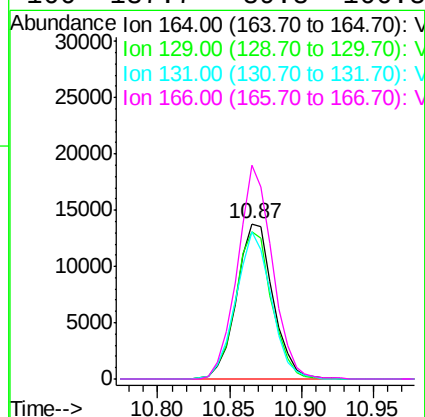
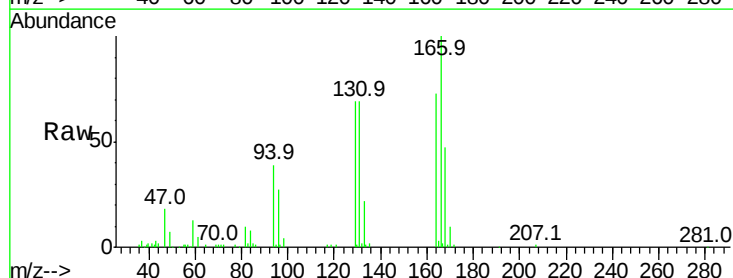
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

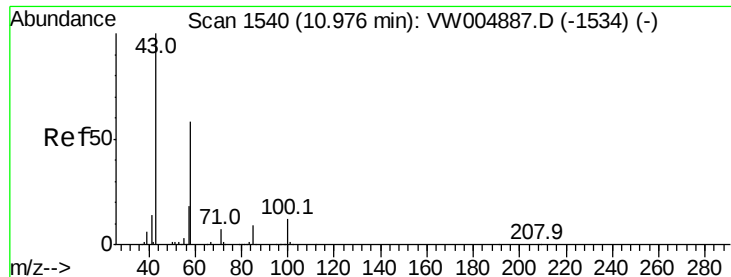
Tgt Ion:	97	Resp:	18995
Ion	Ratio	Lower	Upper
97	100		
83	82.2	59.6	110.8
85	54.5	38.1	70.9
99	64.1	43.8	81.3



#47
 Tetrachloroethene
 Concen: 2.704 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Tgt Ion:	164	Resp:	24264
Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.8	124.0
131	95.2	64.0	119.0
166	137.7	89.8	166.8

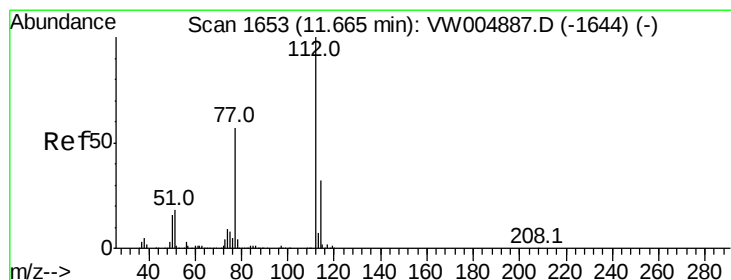
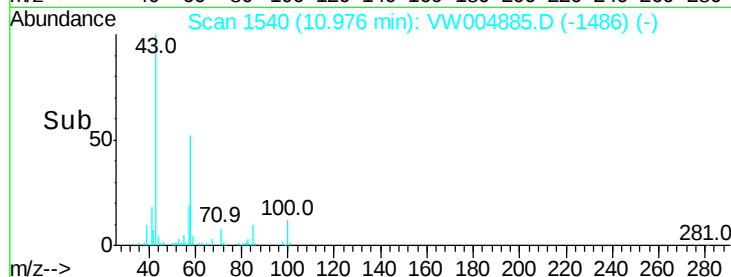
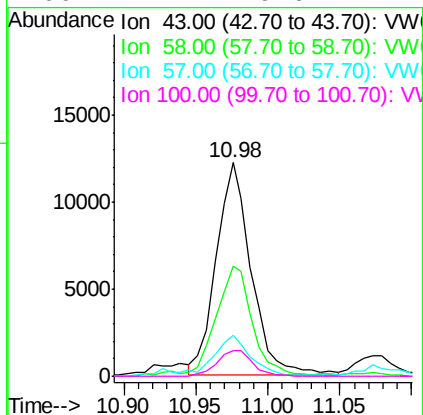
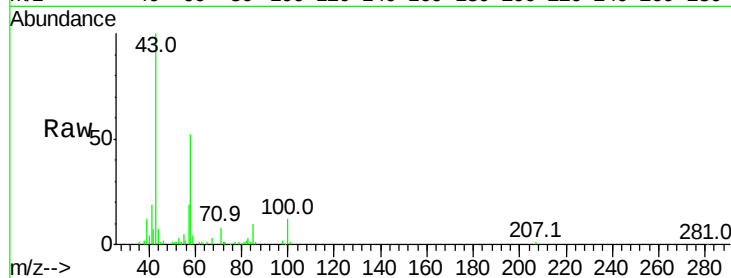




#49
2-Hexanone
Concen: 3.096 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

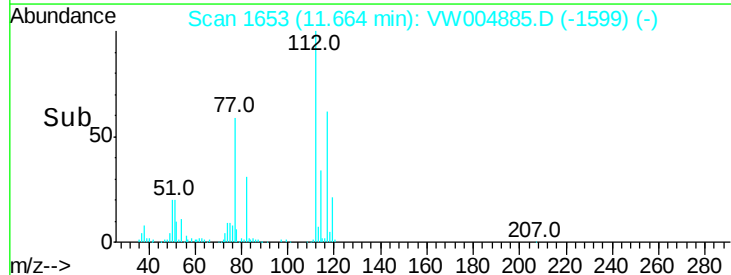
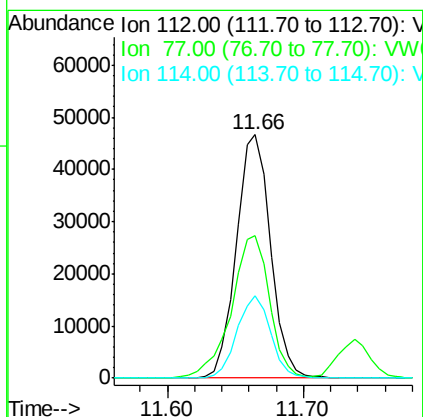
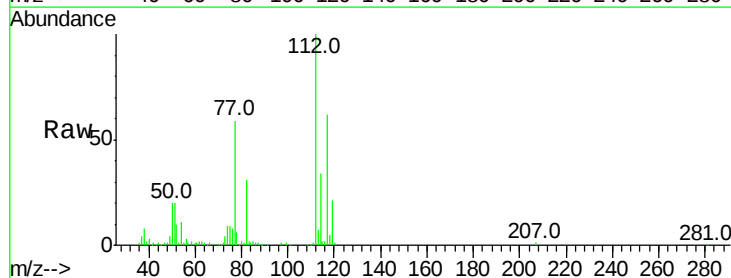
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

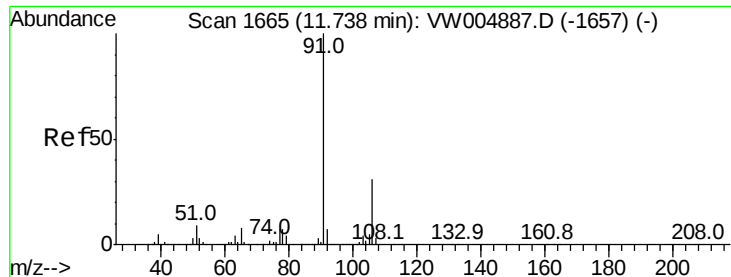
Tgt Ion:	43	Resp:	20834
Ion	Ratio	Lower	Upper
43	100		
58	53.2	44.6	67.0
57	18.9	15.4	23.2
100	12.2	9.6	14.4



#52
Chlorobenzene
Concen: 2.668 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

Tgt Ion:	112	Resp:	81854
Ion	Ratio	Lower	Upper
112	100		
77	58.7	45.8	68.8
114	33.7	22.5	41.7





#53

Ethylbenzene

Concen: 2.490 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

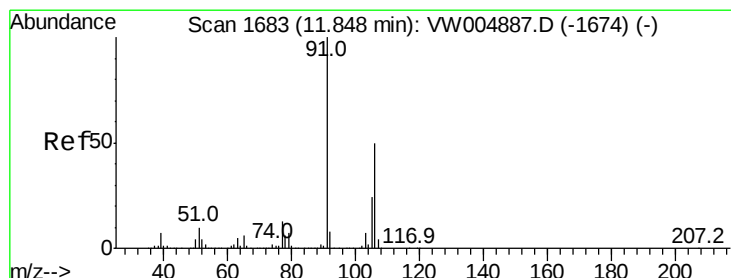
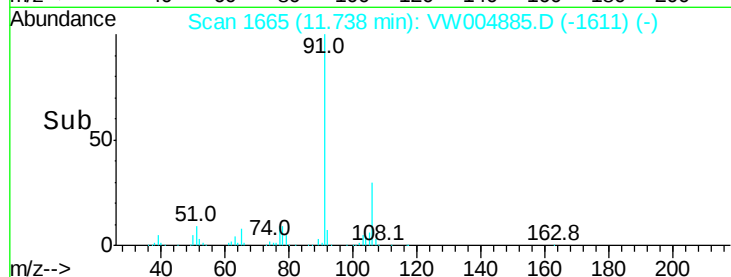
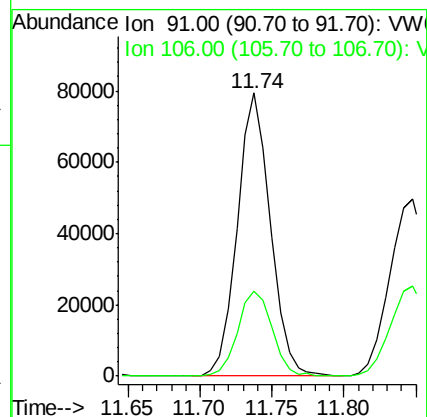
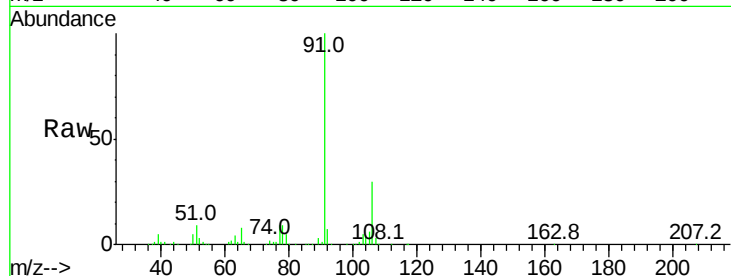
VSTD2.581

Tgt Ion: 91 Resp: 126930

Ion Ratio Lower Upper

91 100

106 29.9 21.6 40.2



#54

m,p-Xylene

Concen: 2.523 ug/L

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004885.D

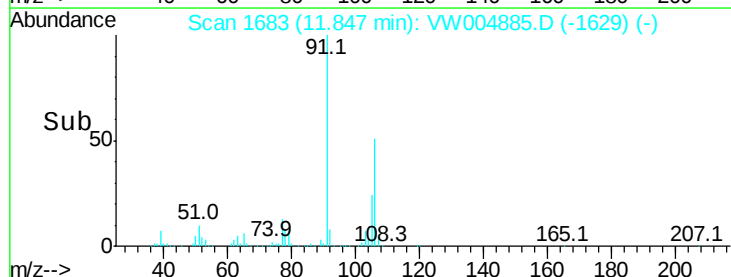
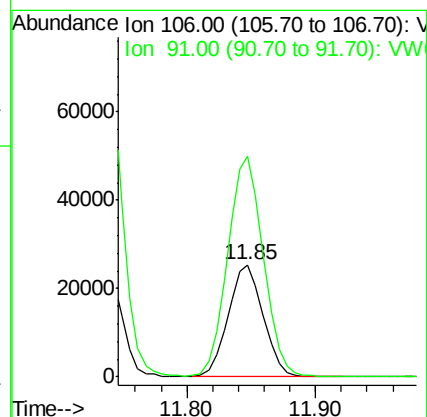
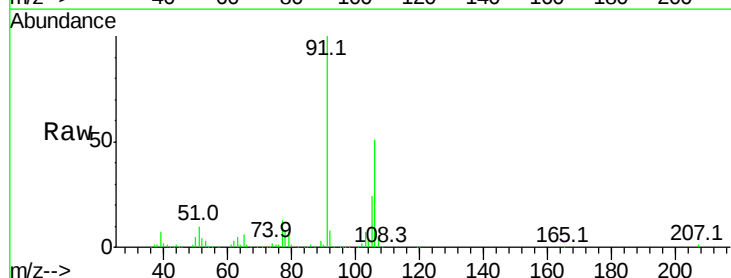
Acq: 22 Aug 2018 15:12

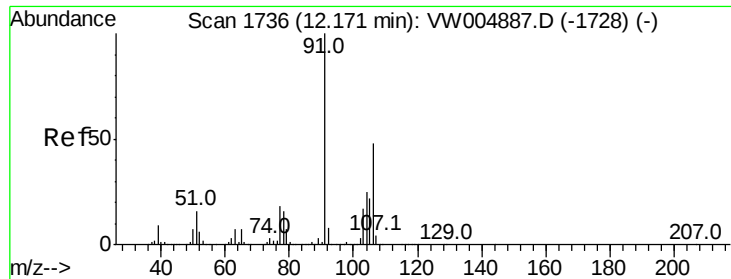
Tgt Ion:106 Resp: 47996

Ion Ratio Lower Upper

106 100

91 196.1 141.4 262.6

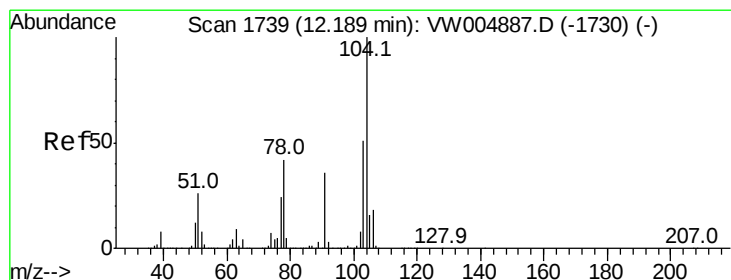
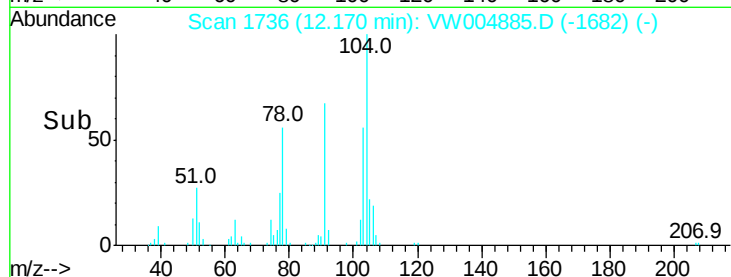
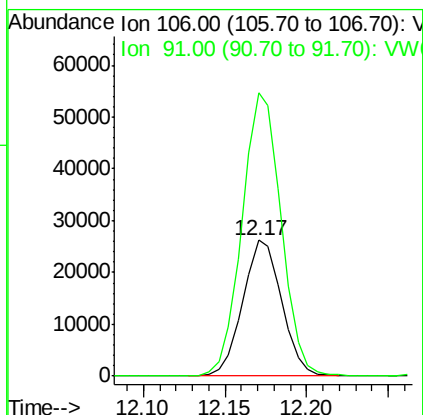
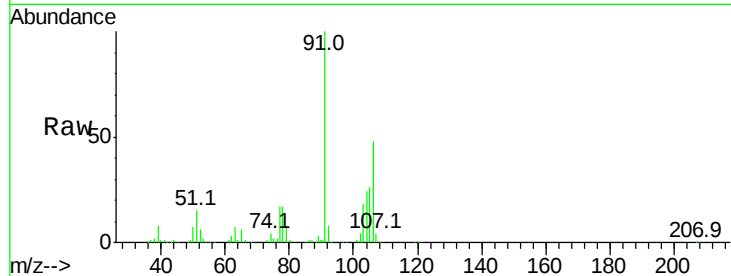




#55
o-xylene
Concen: 2.429 ug/L
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

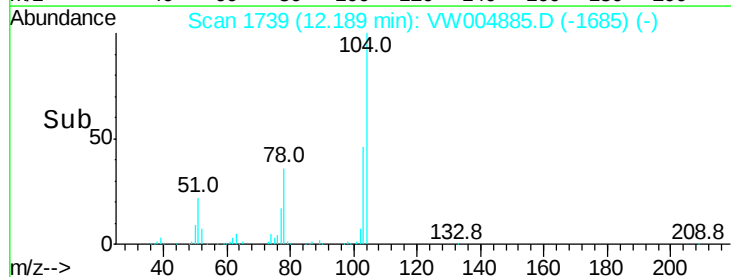
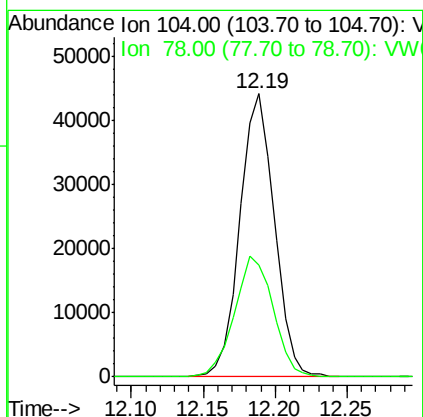
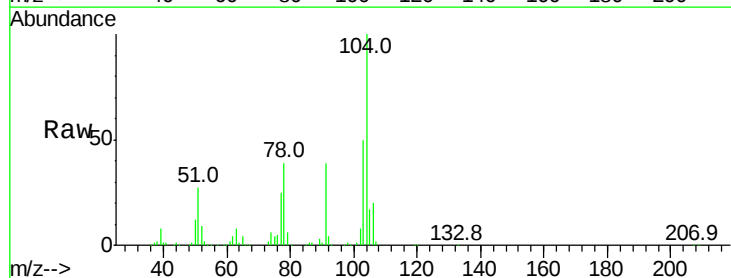
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

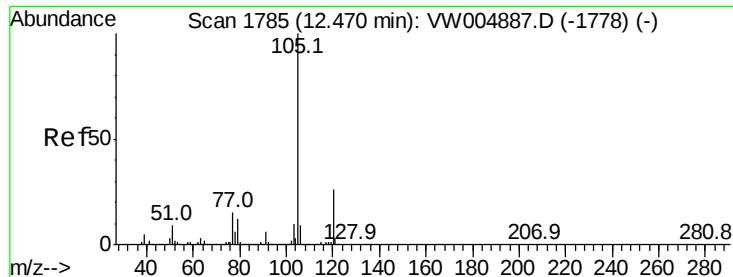
Tgt Ion:106 Resp: 43777
Ion Ratio Lower Upper
106 100
91 208.7 147.0 273.0



#56
Styrene
Concen: 2.337 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004885.D
Acq: 22 Aug 2018 15:12

Tgt Ion:104 Resp: 73398
Ion Ratio Lower Upper
104 100
78 39.3 29.8 55.3





#57

Isopropylbenzene

Concen: 2.381 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

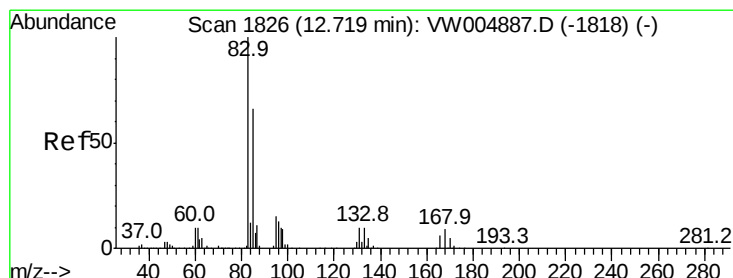
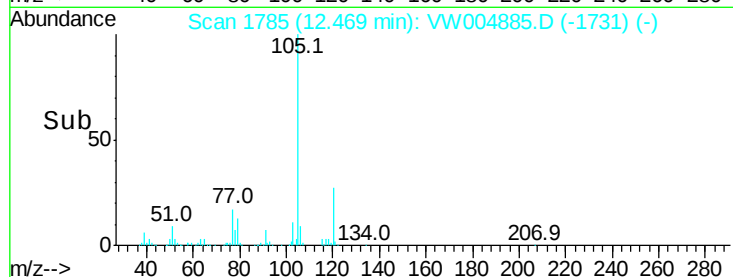
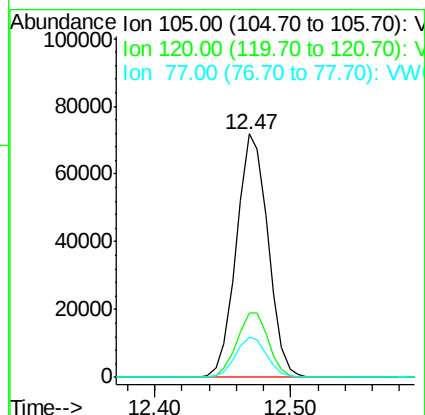
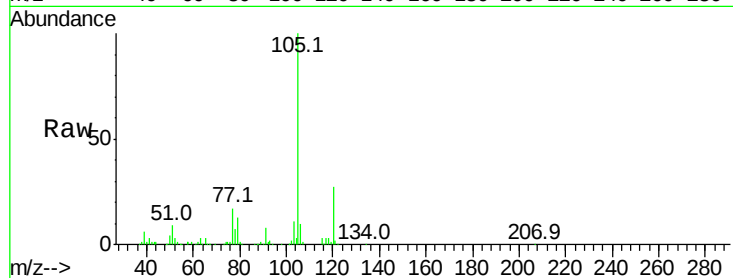
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

Tgt Ion:	105	Resp:	116156
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.3	31.9
77	16.4	12.0	18.0



#58

1,1,2,2-Tetrachloroethane

Concen: 2.018 ug/L

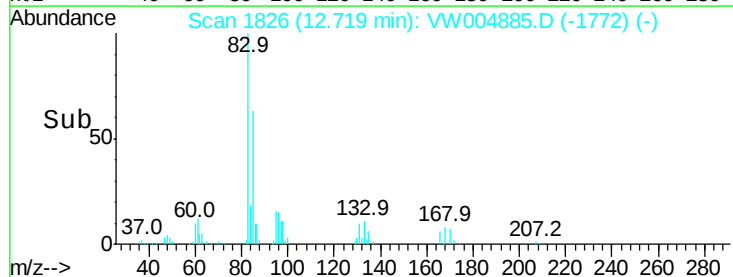
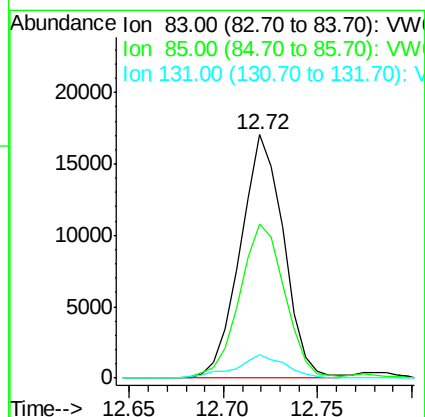
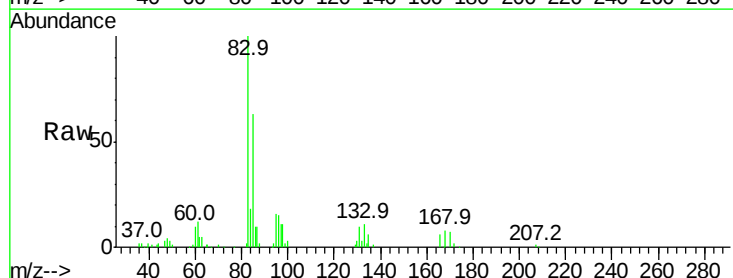
RT: 12.72 min Scan# 1826

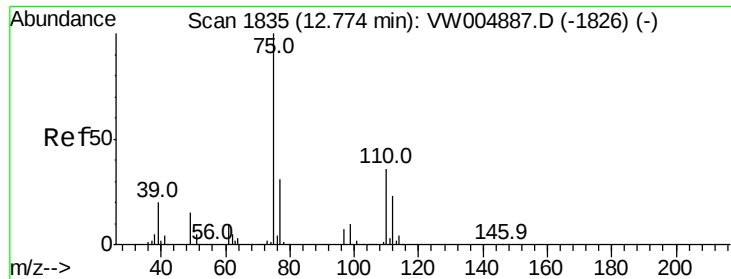
Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Tgt Ion:	83	Resp:	27190
Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.3	85.9
131	9.6	7.8	11.6





#59

1,2,3-Trichloropropane

Concen: 2.063 ug/L

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampled :

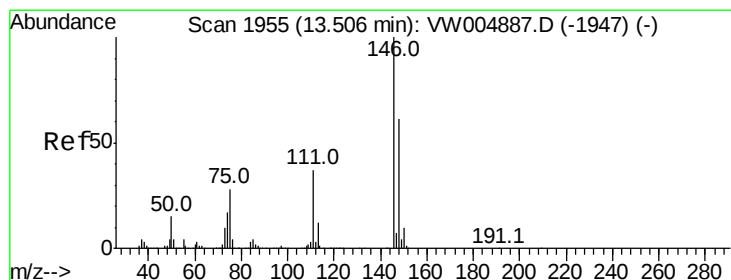
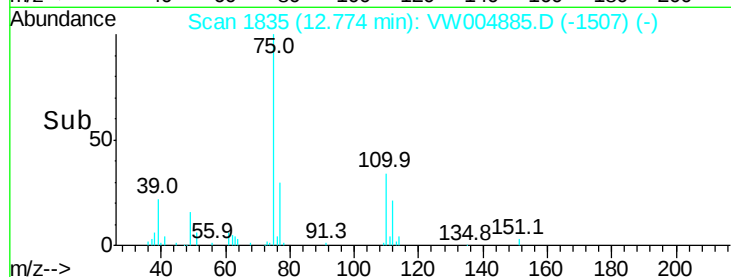
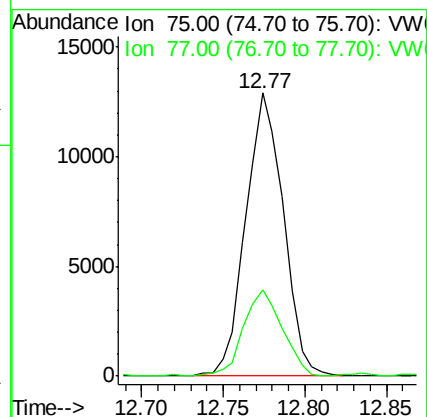
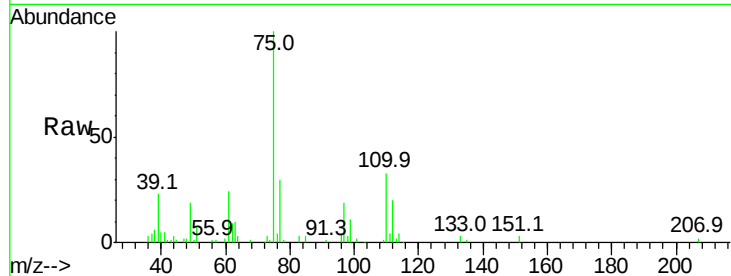
VSTD2.581

Tgt Ion: 75 Resp: 20758

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#63

1,3-Dichlorobenzene

Concen: 2.734 ug/L

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

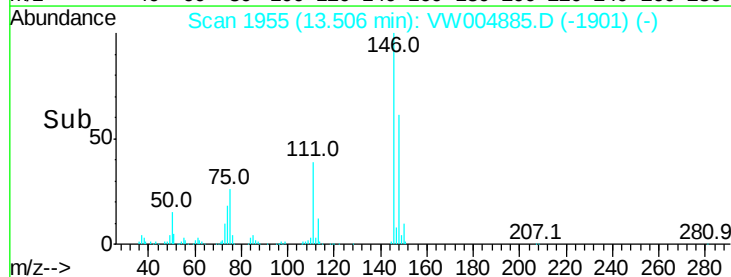
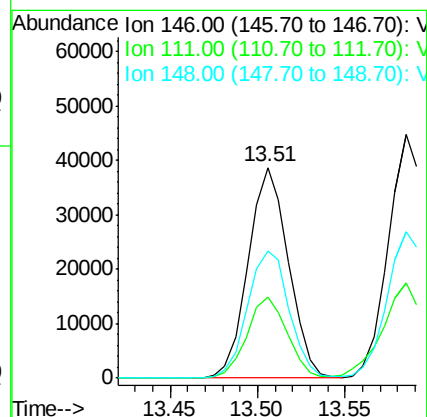
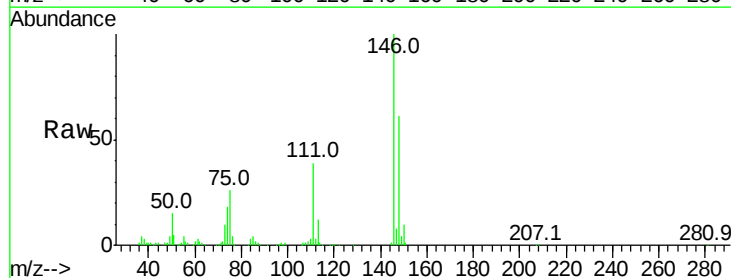
Tgt Ion: 146 Resp: 61789

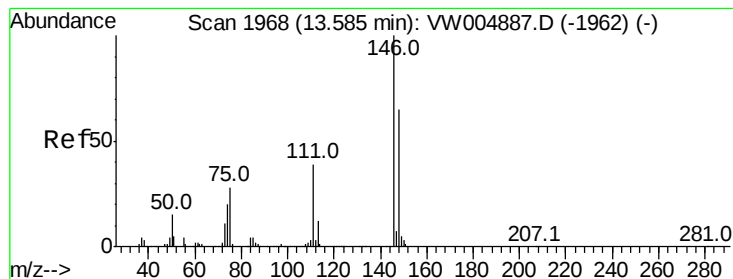
Ion Ratio Lower Upper

146 100

111 38.6 25.6 47.6

148 60.5 42.7 79.3





#64

1,4-Dichlorobenzene

Concen: 2.802 ug/L

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampled :

VSTD2.581

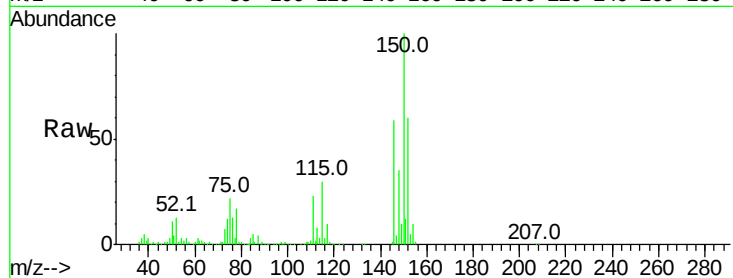
Tgt Ion:146 Resp: 68058

Ion Ratio Lower Upper

146 100

111 38.8 27.6 51.4

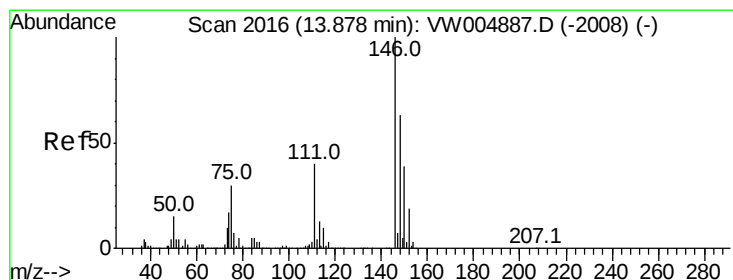
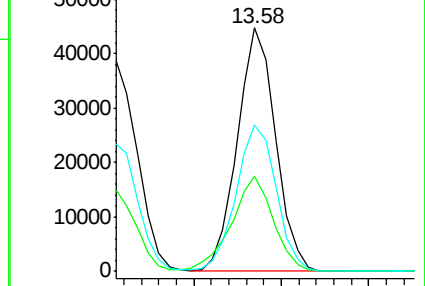
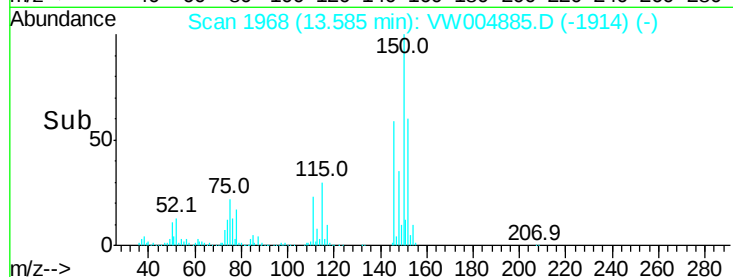
148 60.1 45.8 85.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.658 ug/L

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

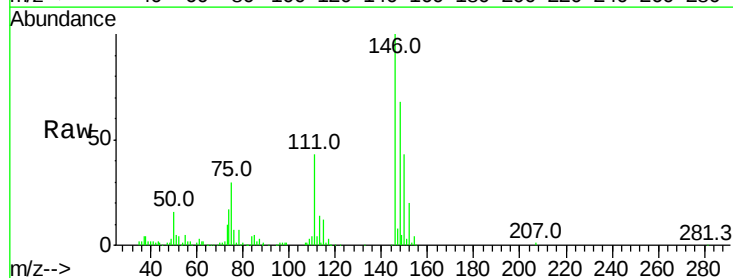
Tgt Ion:146 Resp: 60181

Ion Ratio Lower Upper

146 100

111 42.8 32.0 48.0

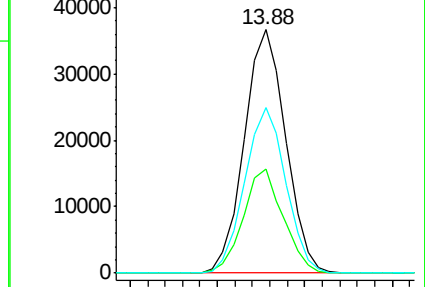
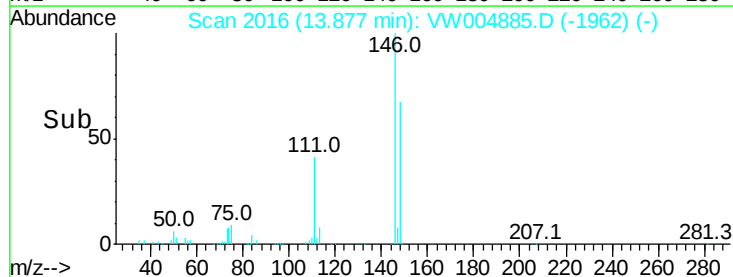
148 67.8 50.6 75.8

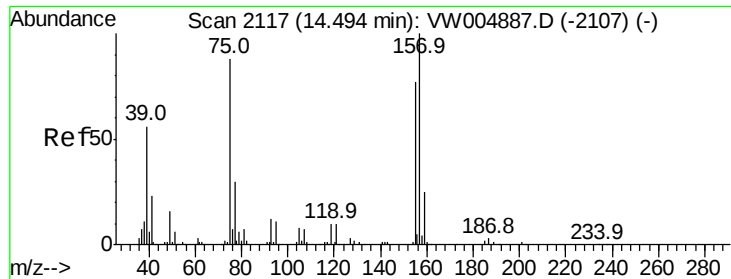


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66

1,2-Dibromo-3-chloropropane

Concen: 2.105 ug/L

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.581

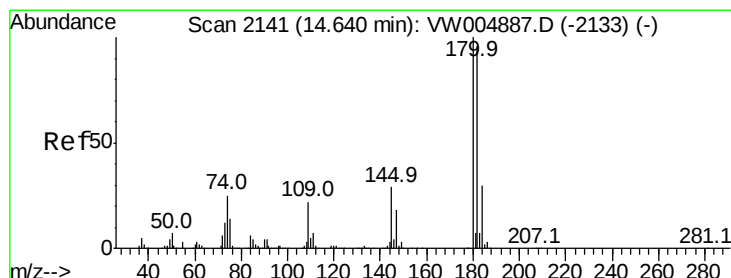
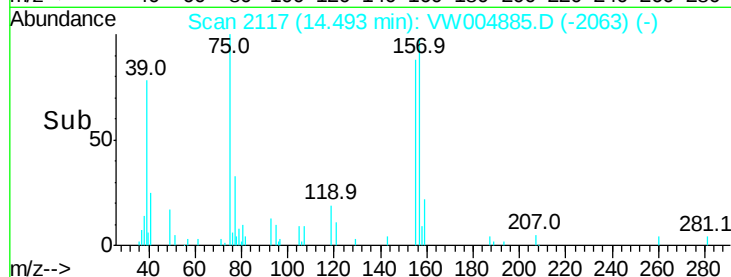
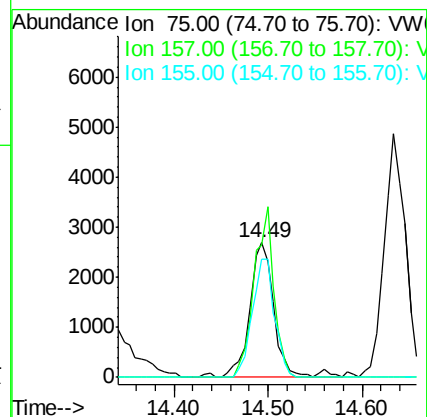
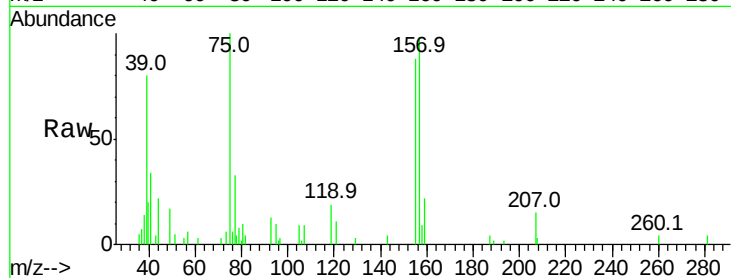
Tgt Ion: 75 Resp: 4895

Ion Ratio Lower Upper

75 100

157 98.0 90.7 136.1

155 87.6 69.5 104.3



#67

1,3,5-Trichlorobenzene

Concen: 2.748 ug/L

RT: 14.64 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VW004885.D

Acq: 22 Aug 2018 15:12

Tgt Ion: 180 Resp: 49220

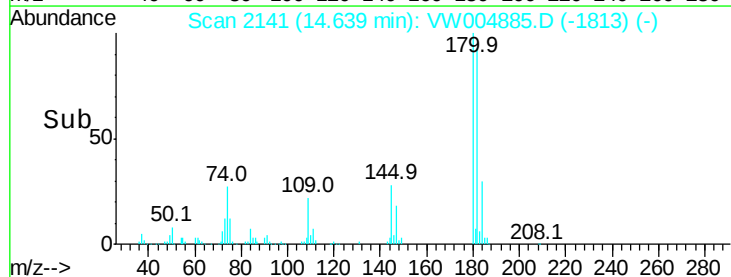
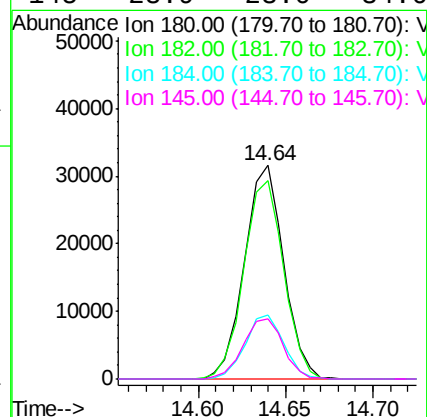
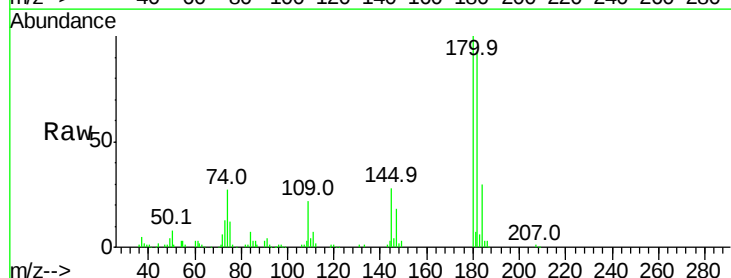
Ion Ratio Lower Upper

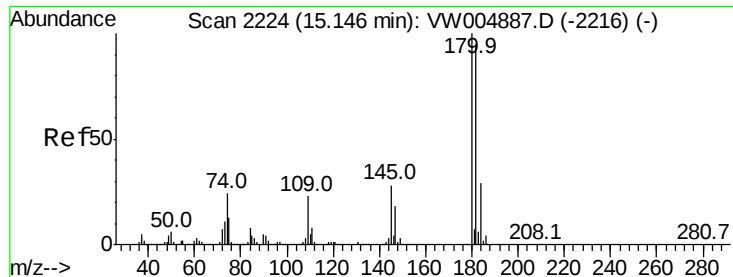
180 100

182 94.5 76.0 114.0

184 29.6 24.3 36.5

145 28.9 23.0 34.6

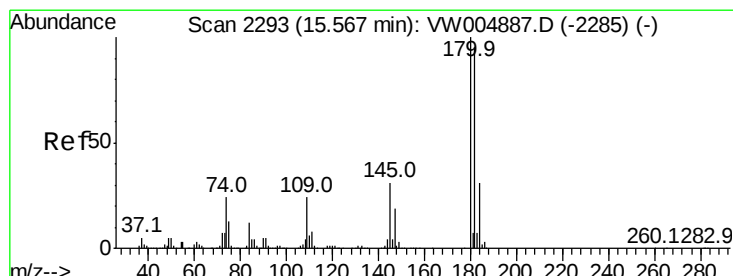
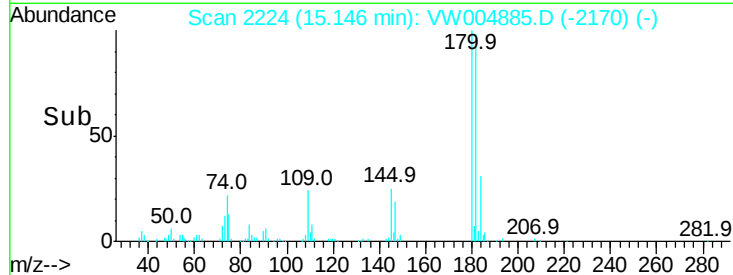
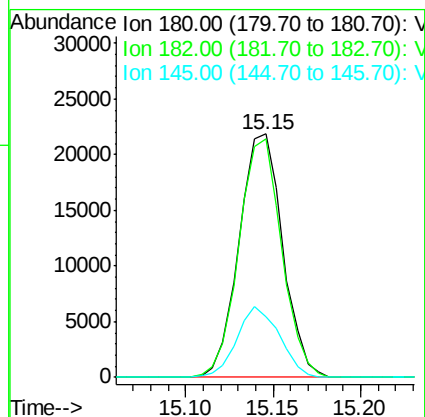
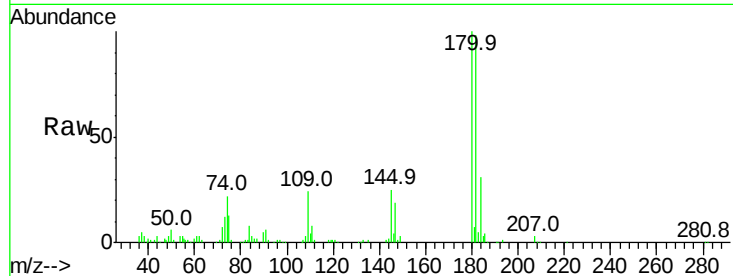




#68
 1,2,4-trichlorobenzene
 Concen: 2.616 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.581

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.1	114.1
145	28.5	23.3	34.9



#70
 1,2,3-Trichlorobenzene
 Concen: 2.411 ug/L
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VW004885.D
 Acq: 22 Aug 2018 15:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	31.0	24.6	37.0

