

Data File : VW005354.D
Acq On : 13 Sep 2018 16:13
Operator : SY/AP
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

Quant Time: Sep 13 16:35:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 14:16:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	273661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	267216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	138978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75629	17.65	ug/L	0.00
7) Chloroethane-d5	2.88	69	55833	17.58	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	140002	23.62	ug/L	0.00
20) 2-Butanone-d5	7.09	46	68274	59.50	ug/L	0.00
24) Chloroform-d	7.66	84	136361	22.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	85296	25.54	ug/L	0.00
29) Benzene-d6	8.28	84	280384	20.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	79448	20.26	ug/L	0.00
37) Toluene-d8	10.33	98	295071	21.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	40730	23.58	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	55175	57.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	86715	22.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	112132	20.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	150689	37.722	ug/L	99
3) Chloromethane	2.21	50	125911	28.618	ug/L	100
5) Vinyl chloride	2.35	62	124866	28.134	ug/L	97
6) Bromomethane	2.77	94	63333	25.663	ug/L	99
8) Chloroethane	2.92	64	63297	22.579	ug/L	97
9) Trichlorofluoromethane	3.26	101	163470	34.168	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	90089	27.609	ug/L	96
12) 1,1-Dichloroethene	4.04	96	74082	26.714	ug/L	84
13) Acetone	4.13	43	50255	60.546	ug/L	89
14) Carbon disulfide	4.38	76	298053	30.393	ug/L	100
15) Methyl Acetate	4.68	43	62256	32.979	ug/L	92
16) Methylene chloride	4.92	84	101545	21.535	ug/L	88
17) Methyl tert-butyl Ether	5.43	73	198593	28.741	ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	82229	26.311	ug/L	88
19) 1,1-Dichloroethane	6.22	63	148190	28.097	ug/L	98
21) 2-Butanone	7.18	43	84412	70.218	ug/L	90
22) cis-1,2-Dichloroethene	7.17	96	87193	26.362	ug/L	91
23) Bromochloromethane	7.52	128	40547	25.324	ug/L	88
25) Chloroform	7.68	83	155004	27.977	ug/L	99
27) 1,2-Dichloroethane	8.41	62	120634	33.039	ug/L	# 92
30) Cyclohexane	7.96	56	154536	32.396	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	152912	32.396	ug/L	97
32) Carbon tetrachloride	8.07	117	141117	33.010	ug/L	99
34) Benzene	8.33	78	367659	27.631	ug/L	100
35) Trichloroethene	9.10	95	97601	28.750	ug/L	94
36) Methylcyclohexane	9.34	83	172265	30.079	ug/L	94
40) 1,2-Dichloropropane	9.38	63	87681	26.937	ug/L	99
41) Bromodichloromethane	9.65	83	114060	29.112	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	130290	27.297	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	182534	75.459	ug/L	93

Data File : VW005354.D
Acq On : 13 Sep 2018 16:13
Operator : SY/AP
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

Quant Time: Sep 13 16:35:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 14:16:34 2018
Response via : Initial Calibration

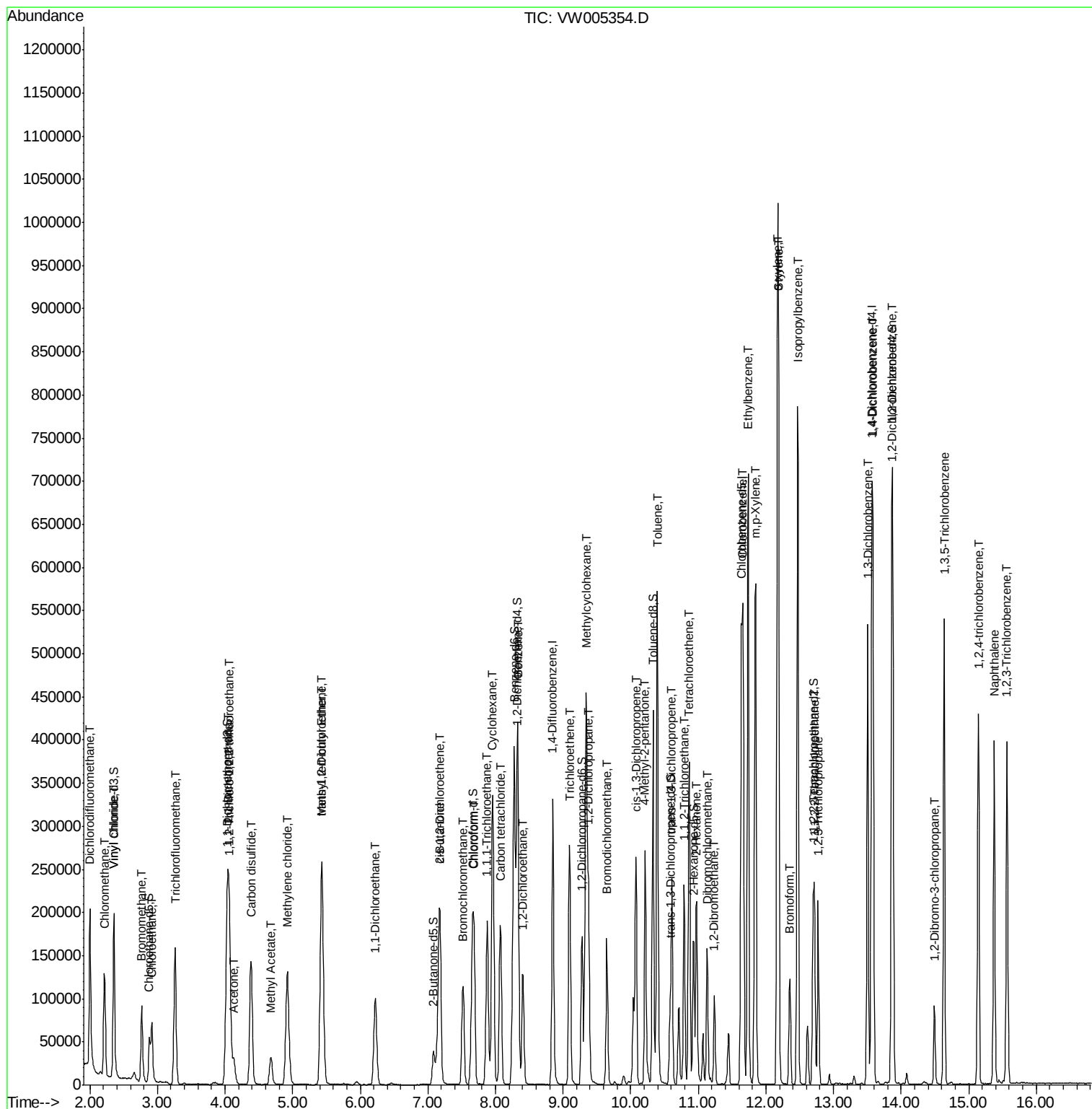
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	433615	28.605	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	123665	29.354	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	69912	25.700	ug/L	97
47) Tetrachloroethene	10.87	164	87769	27.378	ug/L	98
49) 2-Hexanone	10.98	43	142333	81.268	ug/L #	94
50) Dibromochloromethane	11.13	129	83405	27.541	ug/L	98
51) 1,2-Dibromoethane	11.24	107	68021	26.422	ug/L	98
52) Chlorobenzene	11.66	112	268233	25.823	ug/L	99
53) Ethylbenzene	11.74	91	493872	28.928	ug/L	96
54) m,p-Xylene	11.85	106	185973	27.484	ug/L	91
55) o-xylene	12.17	106	175459	27.912	ug/L	93
56) Styrene	12.19	104	304008	28.054	ug/L	93
57) Isopropylbenzene	12.47	105	493374	29.577	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	98494	27.266	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	85175	30.164	ug/L	100
62) Bromoform	12.35	173	58310	29.181	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	215192	26.416	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	222601	25.765	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	207468	26.122	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23084	35.876	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	169845	25.681	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	139823	26.184	ug/L	99
69) Naphthalene	15.38	128	327998	30.477	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	137019	27.286	ug/L	99

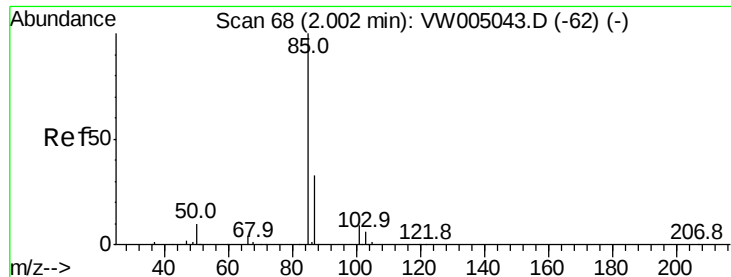
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005354.D
Acq On : 13 Sep 2018 16:13
Operator : SY/AP
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTD02583

Quant Time: Sep 13 16:35:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 14:16:34 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 37.722 ug/L

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

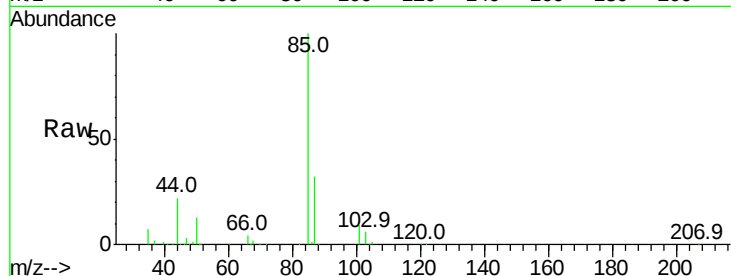
VSTD02583

Tgt Ion: 85 Resp: 150689

Ion Ratio Lower Upper

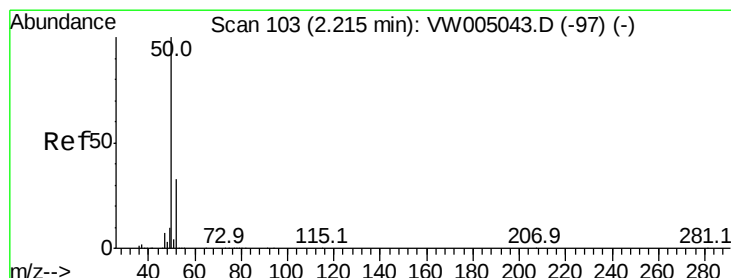
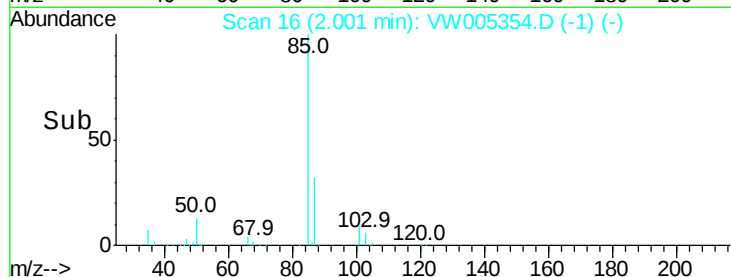
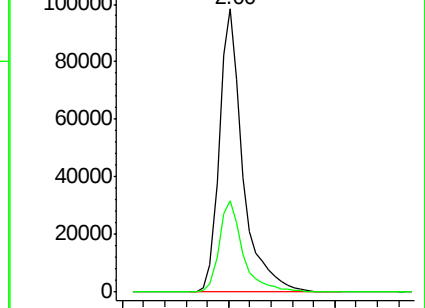
85 100

87 32.5 23.0 42.6



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 28.618 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005354.D

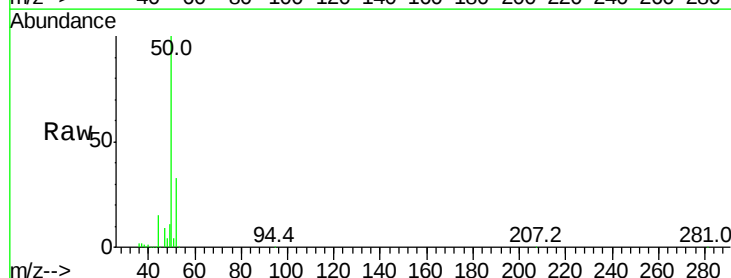
Acq: 13 Sep 2018 16:13

Tgt Ion: 50 Resp: 125911

Ion Ratio Lower Upper

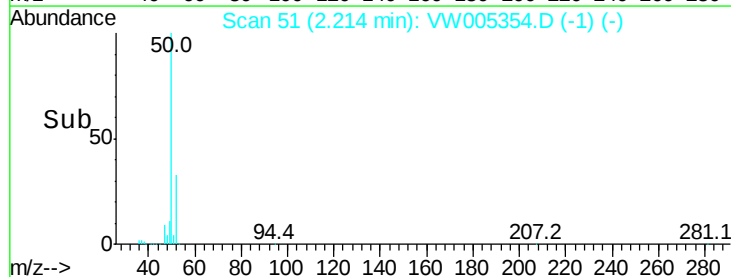
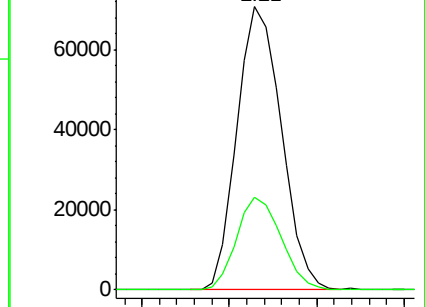
50 100

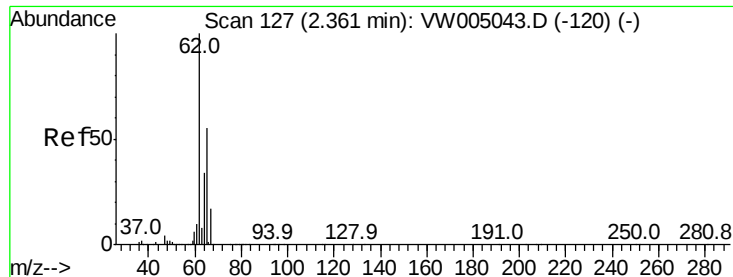
52 32.7 23.0 42.8



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 28.134 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

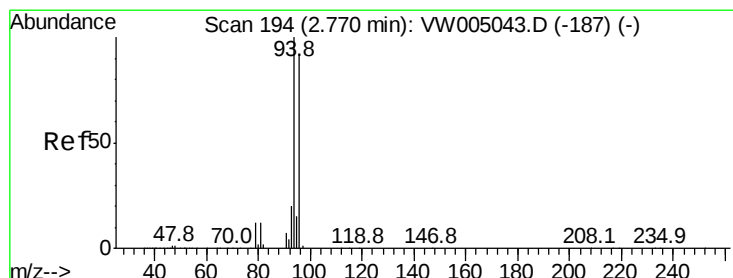
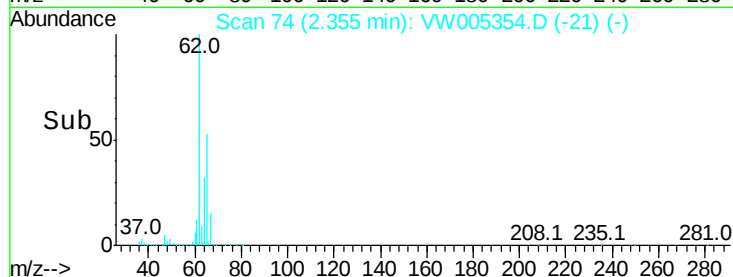
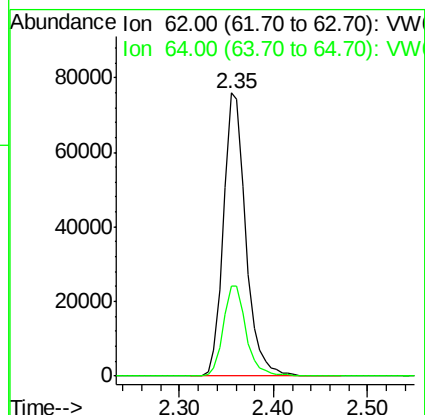
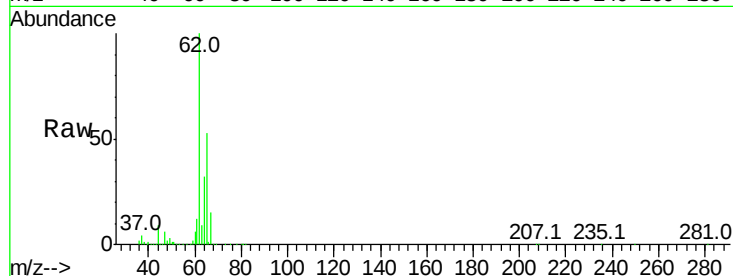
VSTD02583

Tgt Ion: 62 Resp: 124866

Ion Ratio Lower Upper

62 100

64 32.0 23.4 43.6



#6

Bromomethane

Concen: 25.663 ug/L

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW005354.D

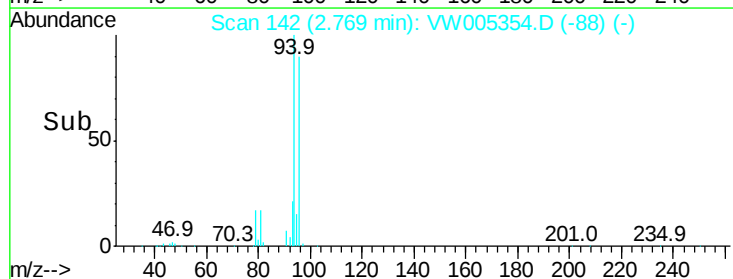
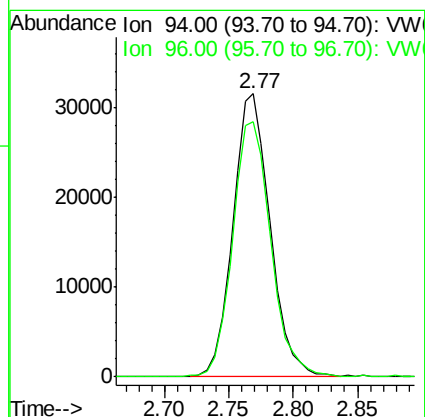
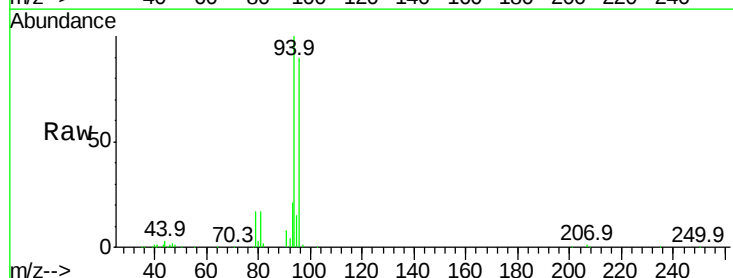
Acq: 13 Sep 2018 16:13

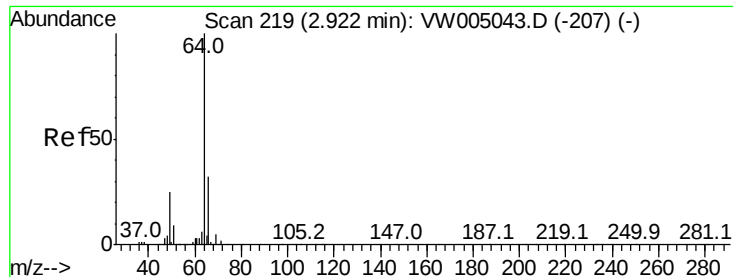
Tgt Ion: 94 Resp: 63333

Ion Ratio Lower Upper

94 100

96 92.8 9.4 178.6





#8

Chloroethane

Concen: 22.579 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

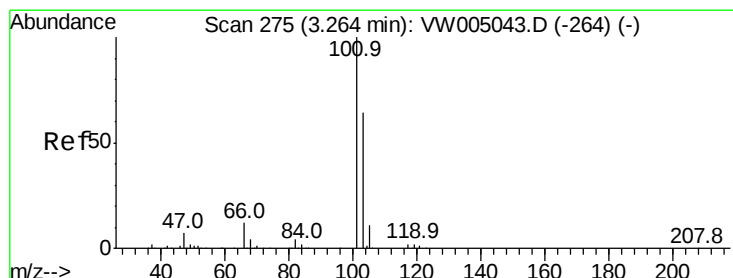
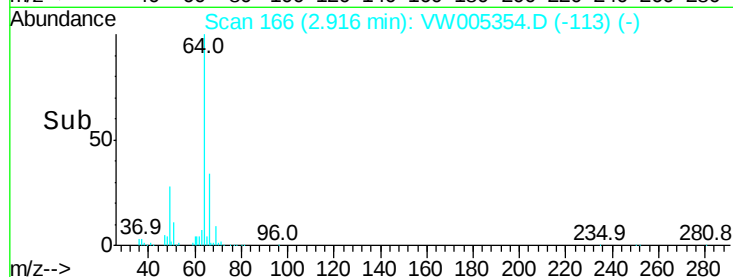
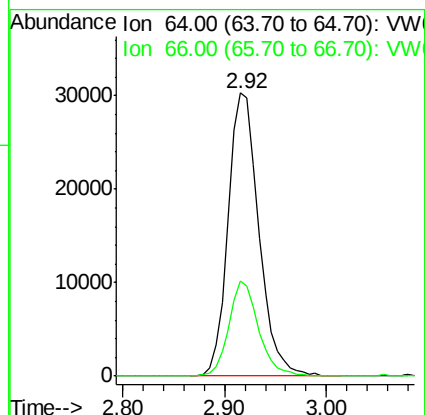
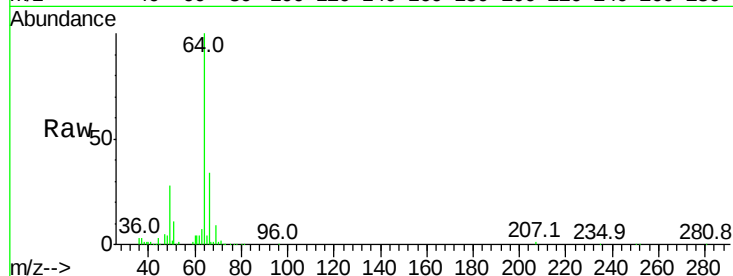
VSTD02583

Tgt Ion: 64 Resp: 63297

Ion Ratio Lower Upper

64 100

66 33.8 22.4 41.6



#9

Trichlorofluoromethane

Concen: 34.168 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW005354.D

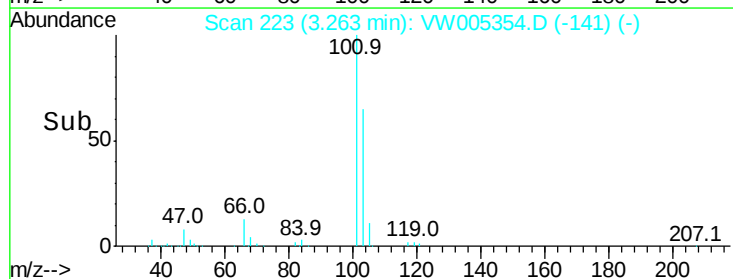
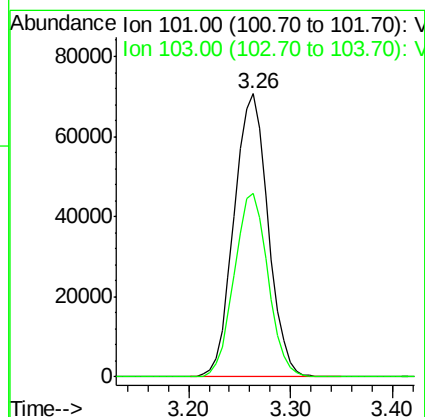
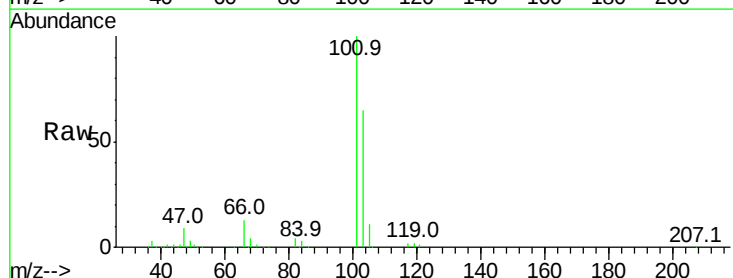
Acq: 13 Sep 2018 16:13

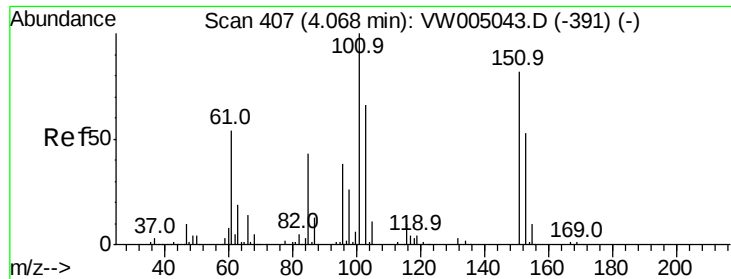
Tgt Ion: 101 Resp: 163470

Ion Ratio Lower Upper

101 100

103 64.2 45.4 84.4





#11

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

Concen: 27.609 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD02583

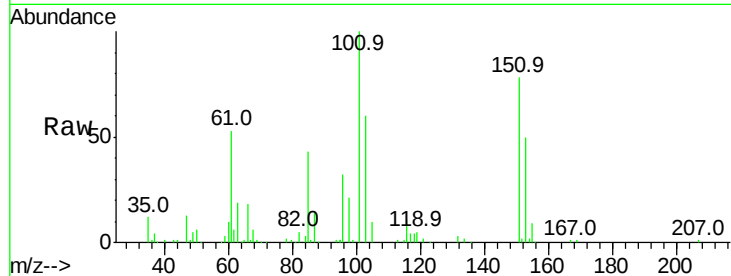
Tgt Ion:101 Resp: 90089

Ion Ratio Lower Upper

101 100

85 44.8 33.3 49.9

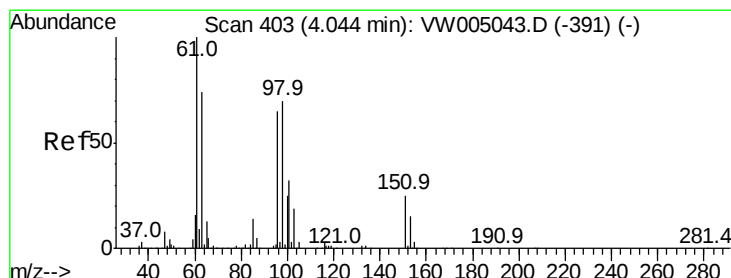
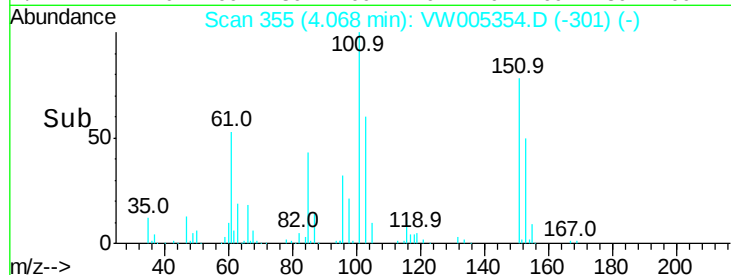
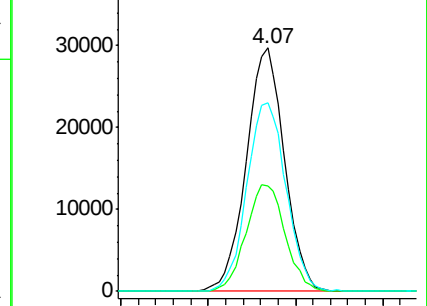
151 79.9 66.8 100.2



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: 26.714 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

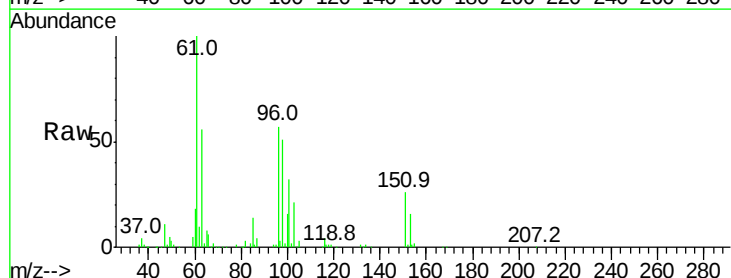
Tgt Ion: 96 Resp: 74082

Ion Ratio Lower Upper

96 100

61 176.2 108.4 201.4

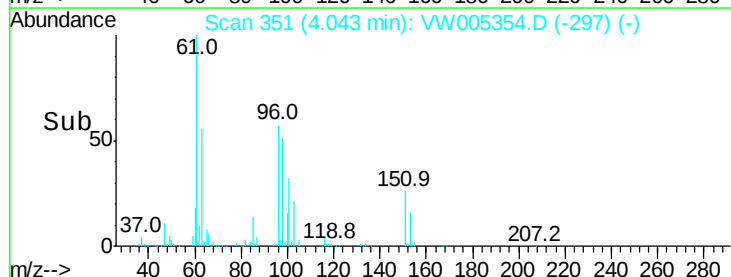
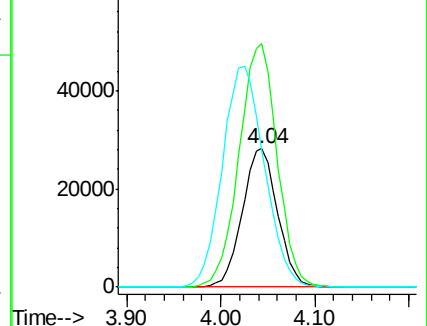
63 99.1 81.2 150.8

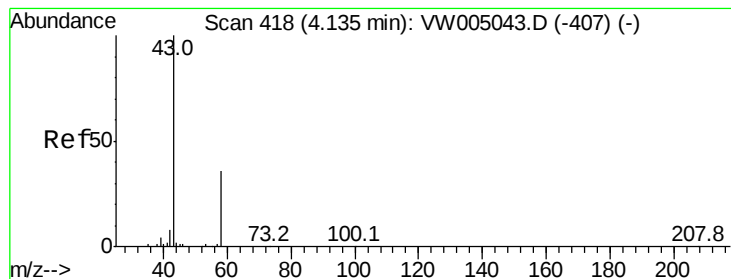


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 60.546 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

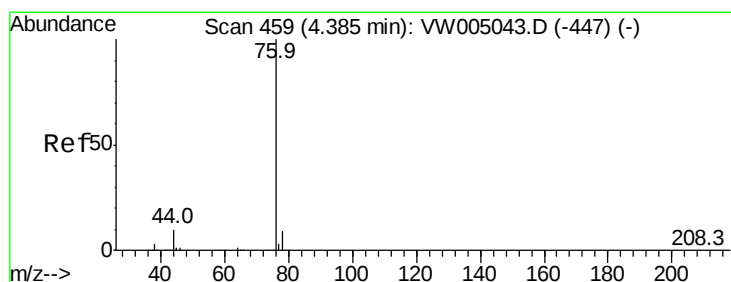
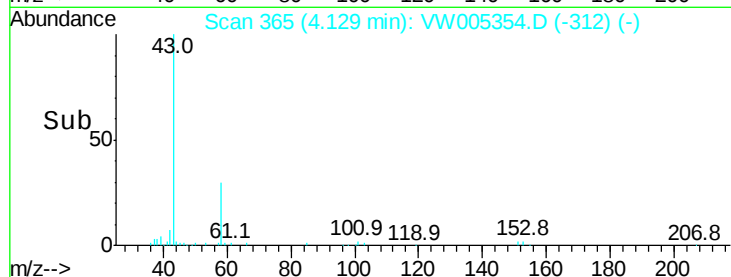
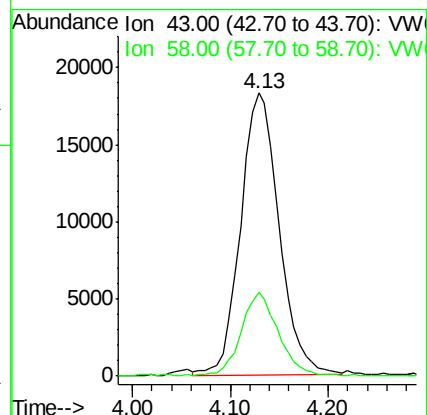
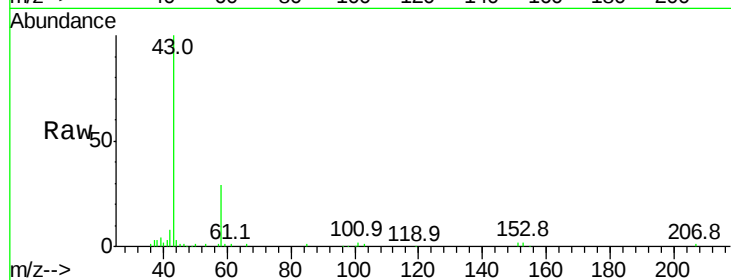
VSTD02583

Tgt Ion: 43 Resp: 50255

Ion Ratio Lower Upper

43 100

58 28.8 0.0 70.4



#14

Carbon disulfide

Concen: 30.393 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005354.D

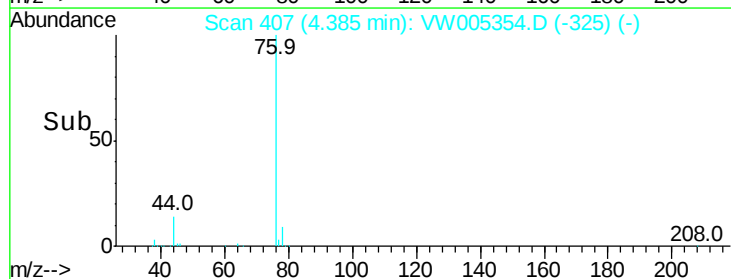
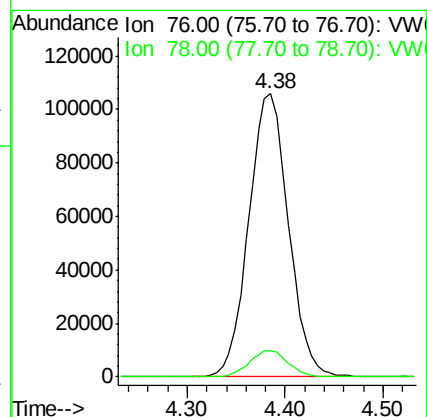
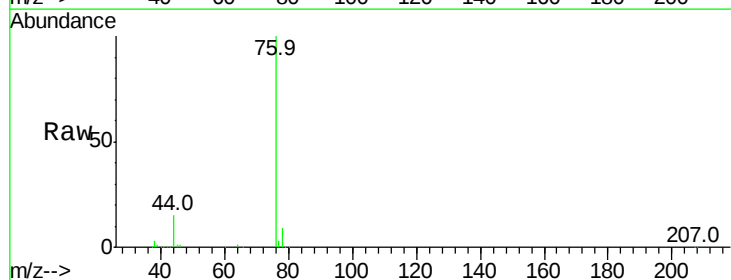
Acq: 13 Sep 2018 16:13

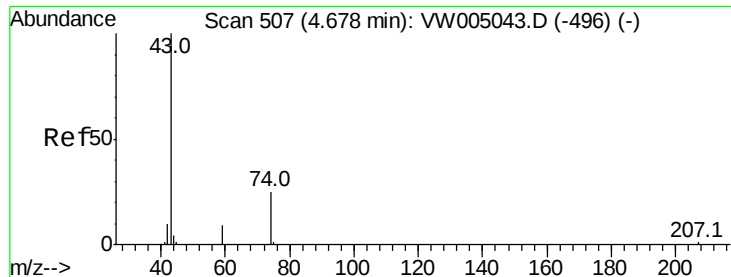
Tgt Ion: 76 Resp: 298053

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

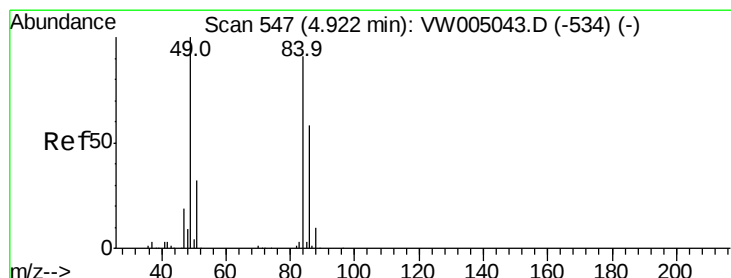
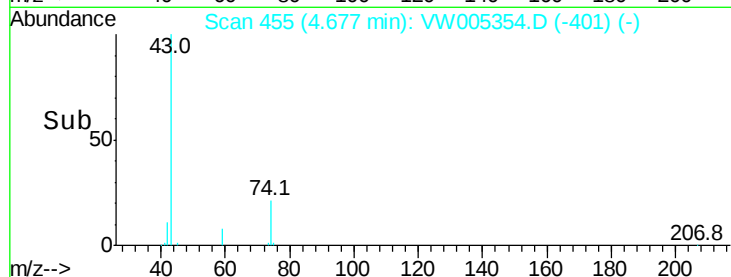
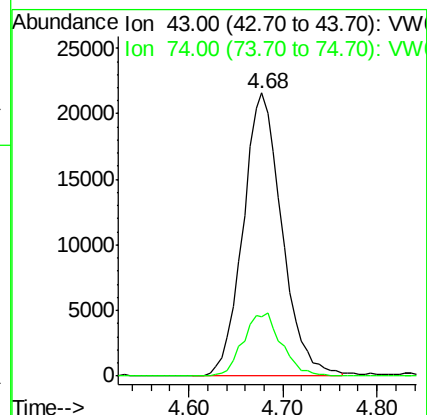
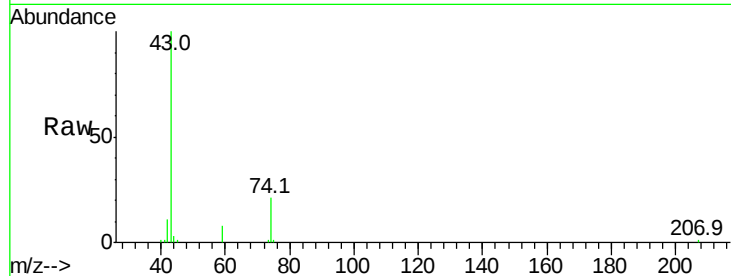




#15
Methyl Acetate
Concen: 32.979 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

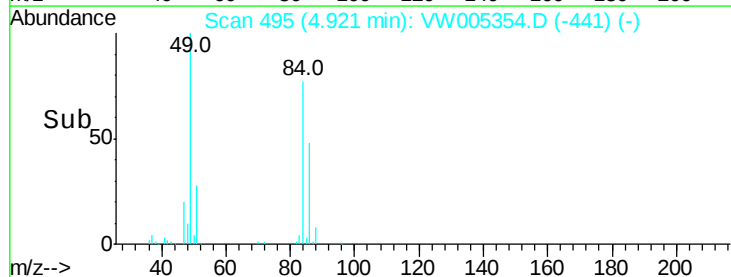
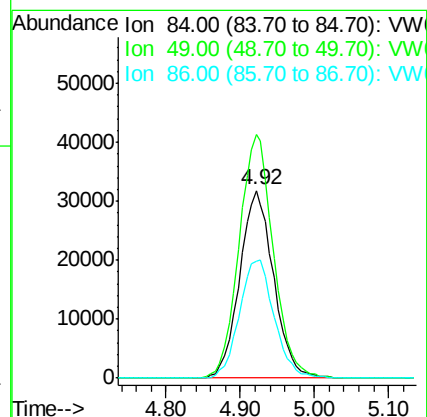
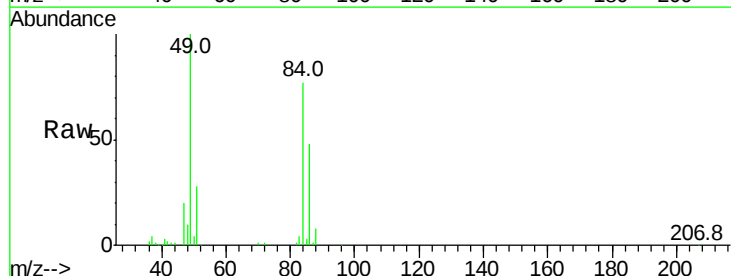
Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

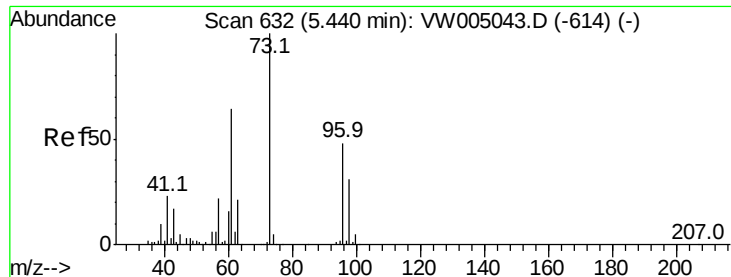
Tgt Ion: 43 Resp: 62256
Ion Ratio Lower Upper
43 100
74 21.9 20.6 30.8



#16
Methylene chloride
Concen: 21.535 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Tgt Ion: 84 Resp: 101545
Ion Ratio Lower Upper
84 100
49 129.8 77.3 143.7
86 62.3 44.7 83.1

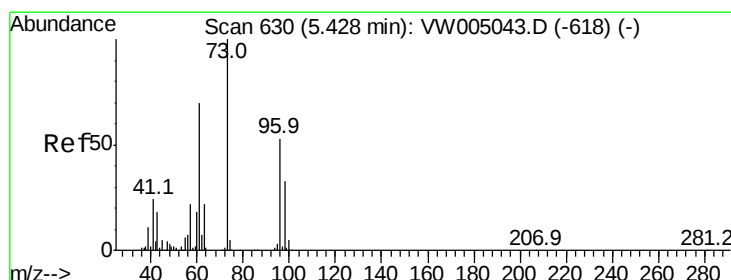
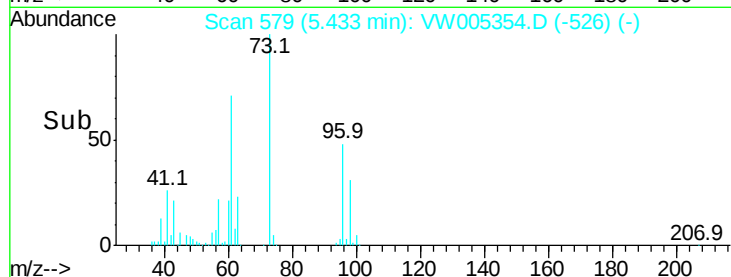
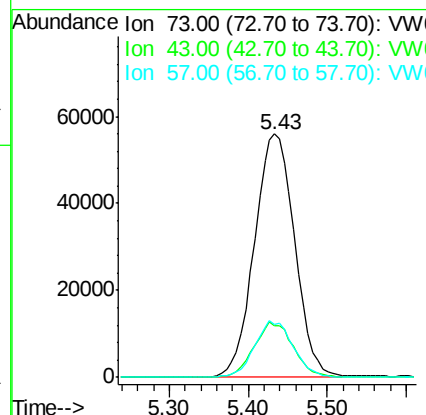
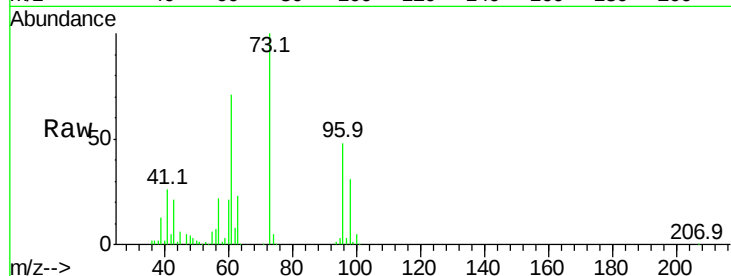




#17
Methyl tert-butyl Ether
Concen: 28.741 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.01 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

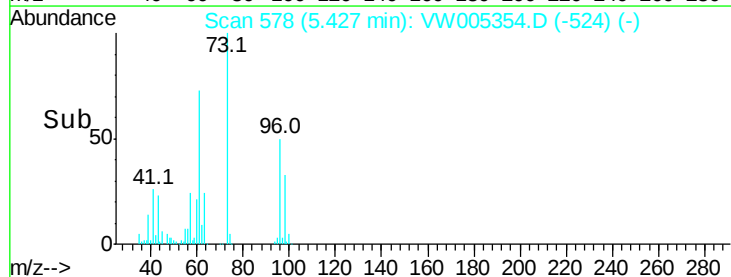
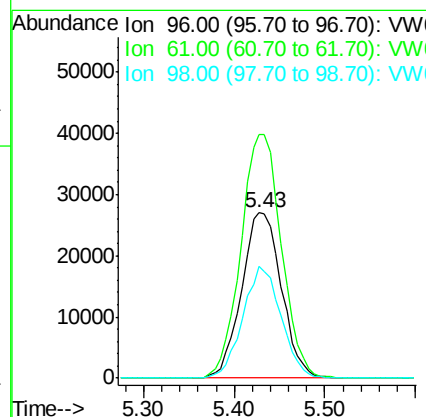
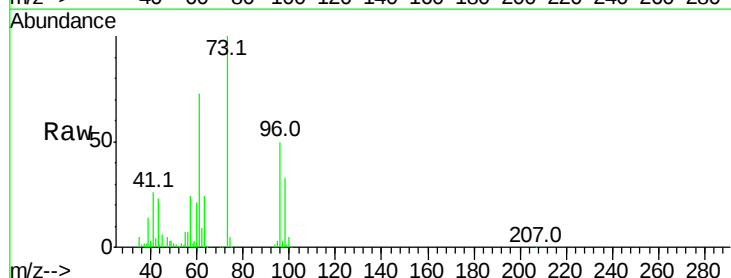
Instrument :
MSVOA_W
ClientSampled :
VSTD02583

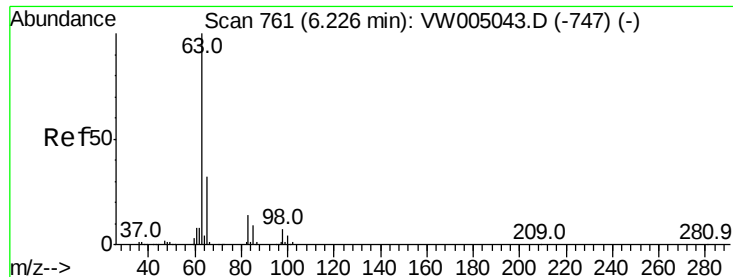
Tgt Ion: 73 Resp: 198593
Ion Ratio Lower Upper
73 100
43 22.1 14.8 22.2
57 22.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 26.311 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Tgt Ion: 96 Resp: 82229
Ion Ratio Lower Upper
96 100
61 147.1 92.3 171.3
98 67.4 42.8 79.6

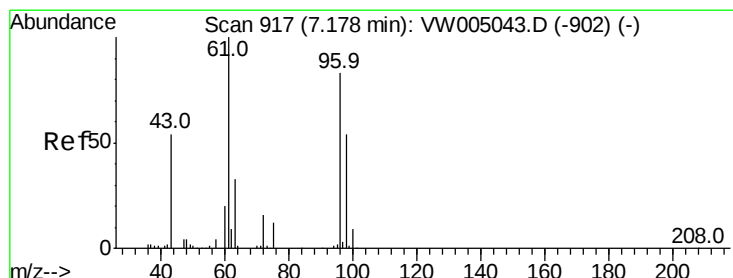
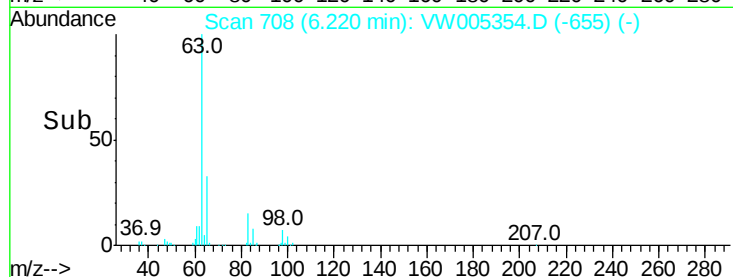
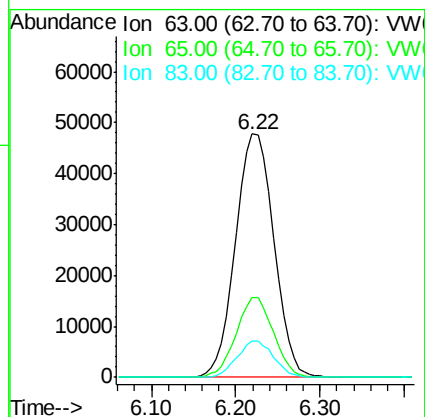
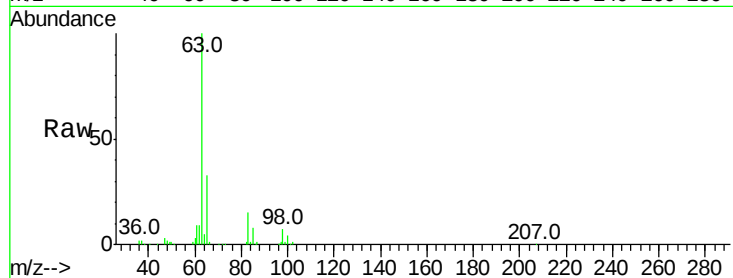




#19
 1,1-Dichloroethane
 Concen: 28.097 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

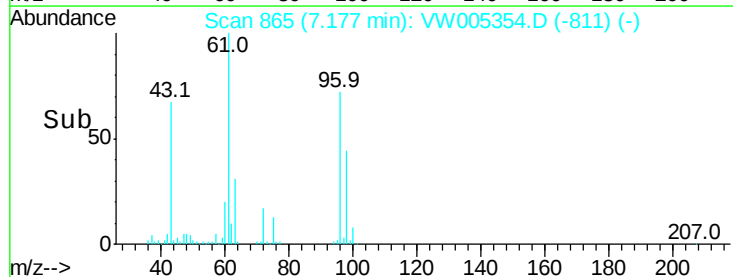
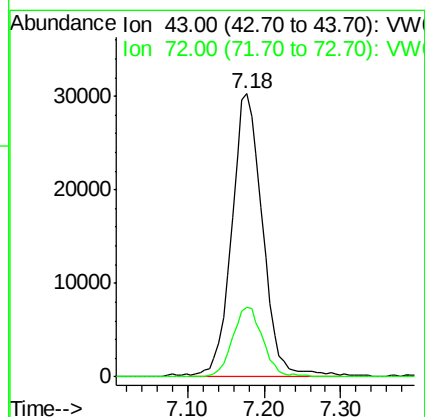
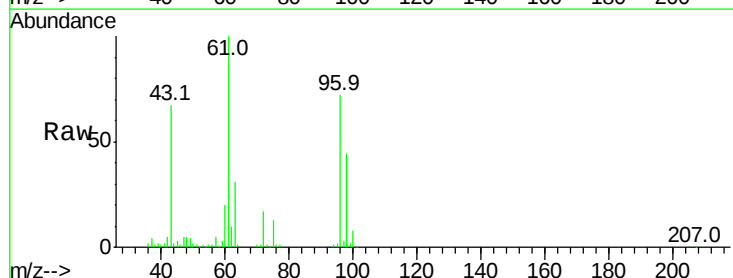
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

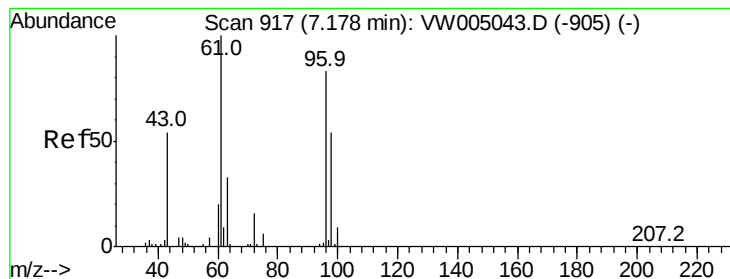
Tgt Ion: 63 Resp: 148190
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.2 41.2
 83 14.8 9.8 18.2



#21
 2-Butanone
 Concen: 70.218 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

Tgt Ion: 43 Resp: 84412
 Ion Ratio Lower Upper
 43 100
 72 23.6 14.4 43.2



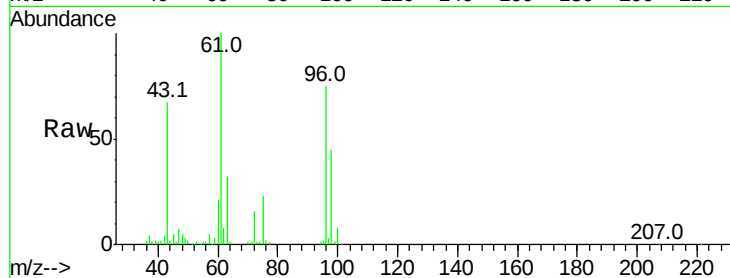


#22

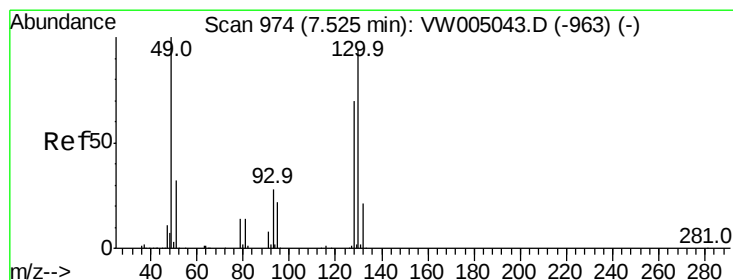
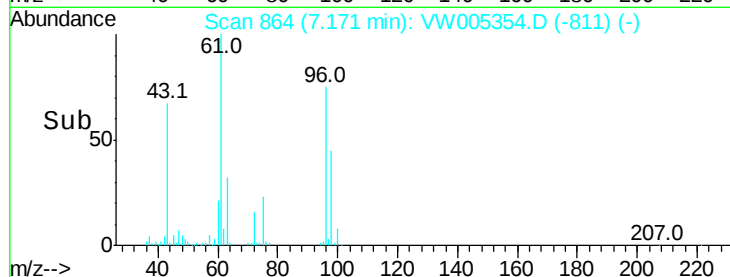
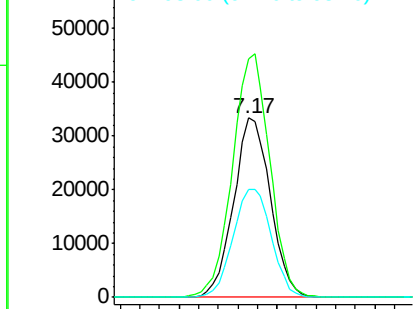
cis-1,2-Dichloroethene
Concen: 26.362 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

Tgt Ion: 96 Resp: 87193
Ion Ratio Lower Upper
96 100
61 133.0 84.8 157.4
98 60.5 45.8 85.2



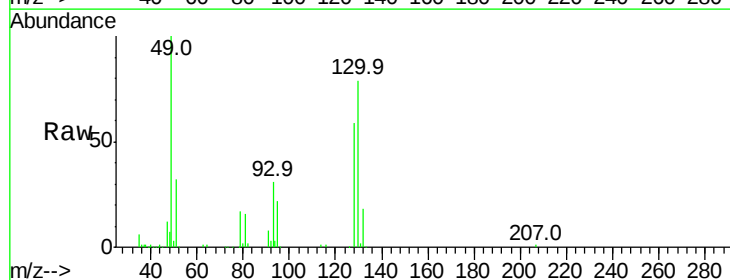
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



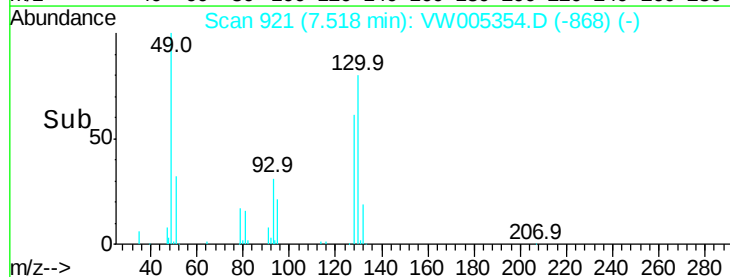
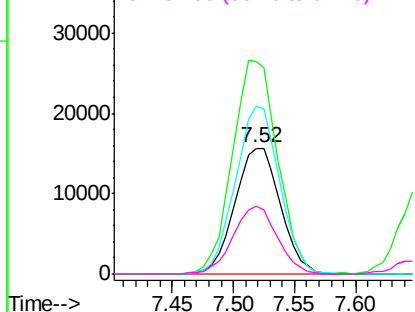
#23

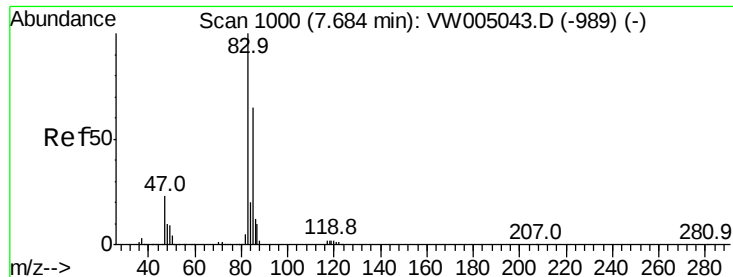
Bromochloromethane
Concen: 25.324 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Tgt Ion: 128 Resp: 40547
Ion Ratio Lower Upper
128 100
49 168.9 100.0 185.8
130 132.6 94.5 175.5
51 53.9 36.6 55.0



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: 27.977 ug/L

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

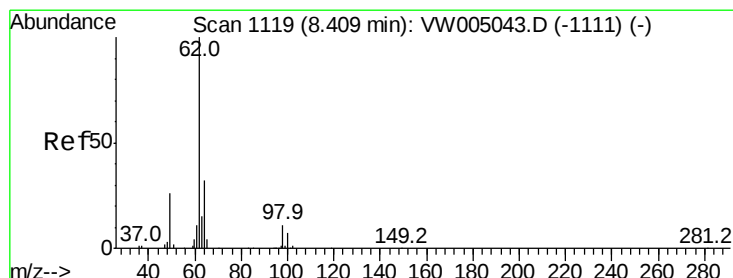
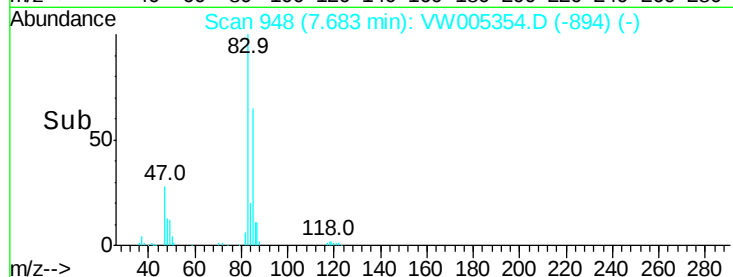
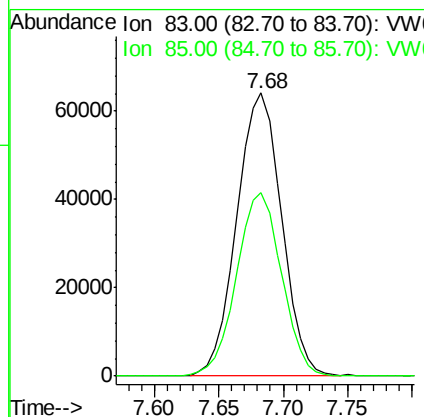
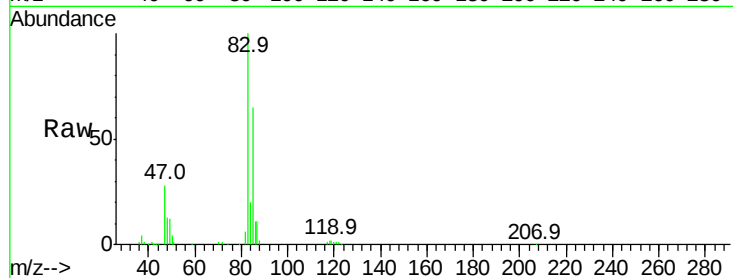
VSTD02583

Tgt Ion: 83 Resp: 155004

Ion Ratio Lower Upper

83 100

85 65.2 46.0 85.4



#27

1,2-Dichloroethane

Concen: 33.039 ug/L

RT: 8.41 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VW005354.D

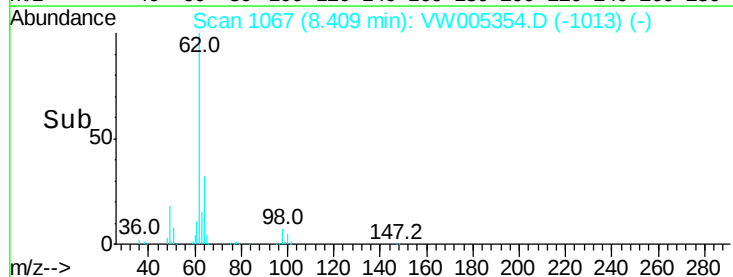
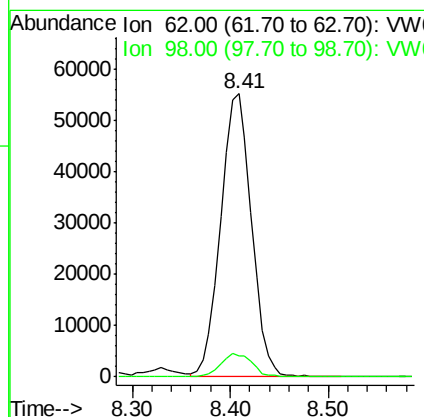
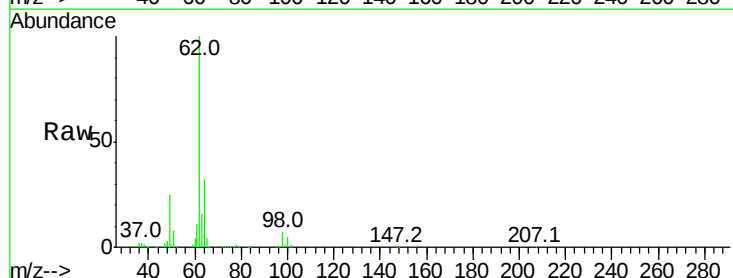
Acq: 13 Sep 2018 16:13

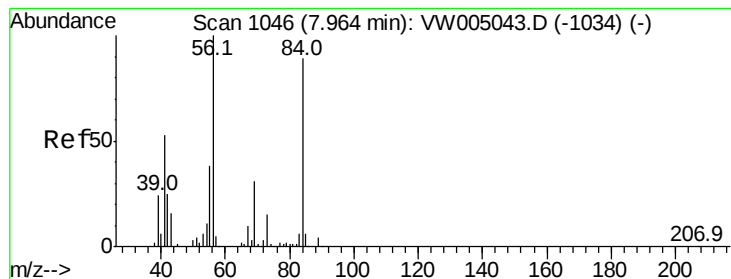
Tgt Ion: 62 Resp: 120634

Ion Ratio Lower Upper

62 100

98 7.5 8.4 12.6#





#30

Cyclohexane

Concen: 32.396 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD02583

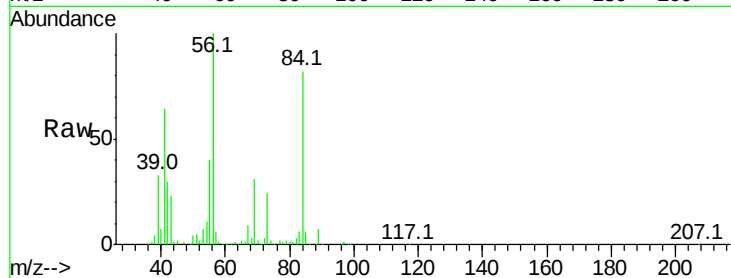
Tgt Ion: 56 Resp: 154536

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

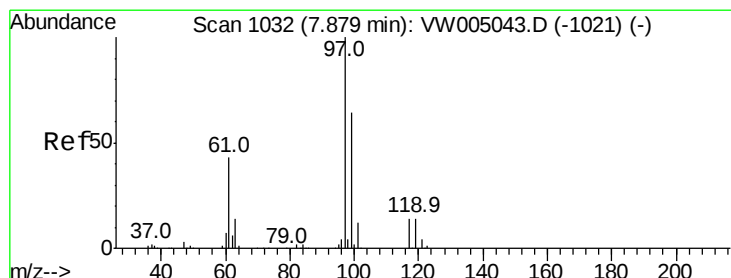
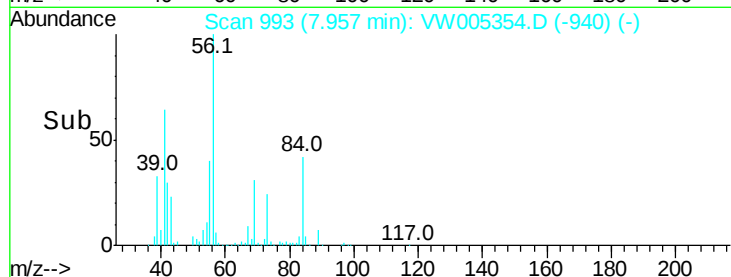
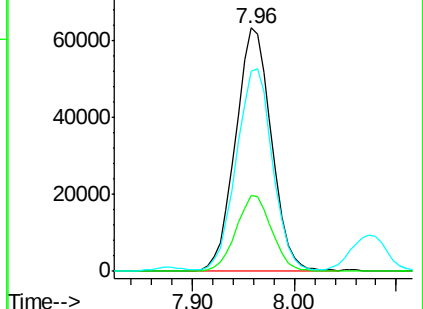
84 84.2 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 32.396 ug/L

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

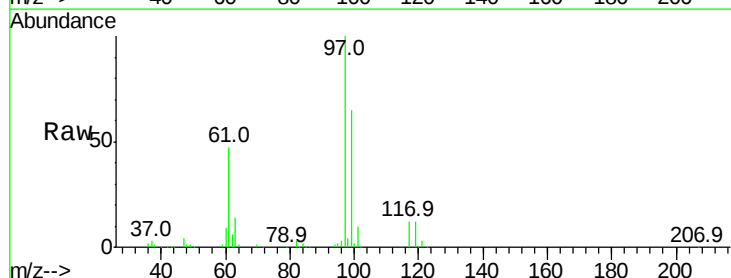
Tgt Ion: 97 Resp: 152912

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

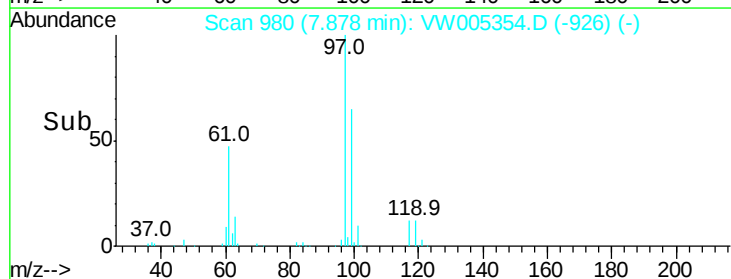
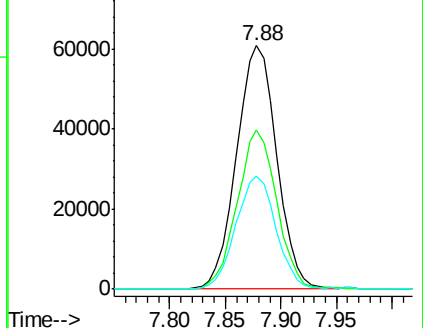
61 46.3 33.4 50.0

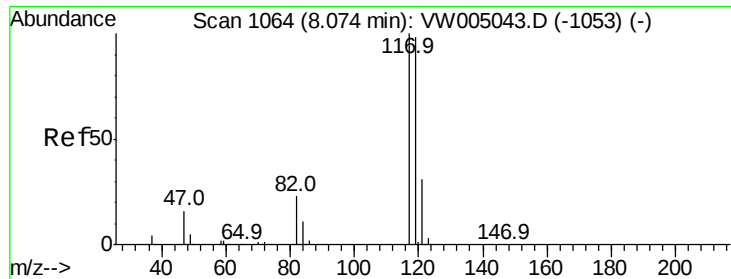


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 33.010 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

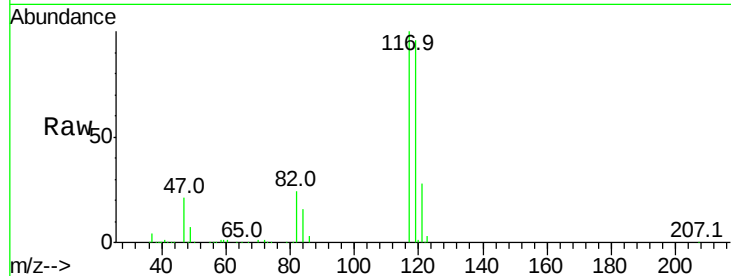
VSTD02583

Tgt Ion:117 Resp: 141117

Ion Ratio Lower Upper

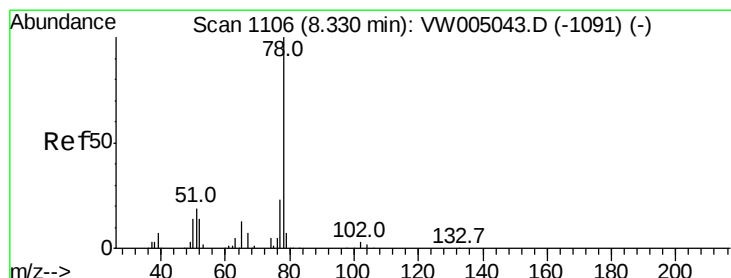
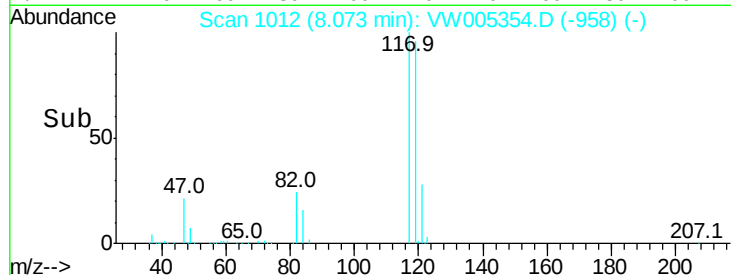
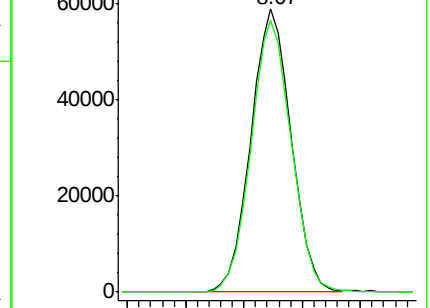
117 100

119 96.3 78.1 117.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 27.631 ug/L

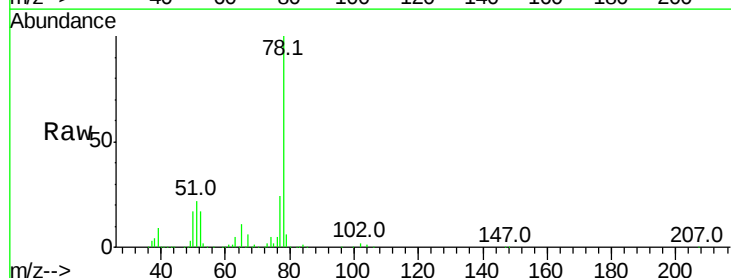
RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

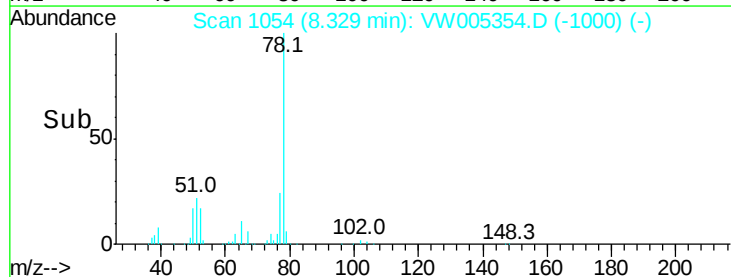
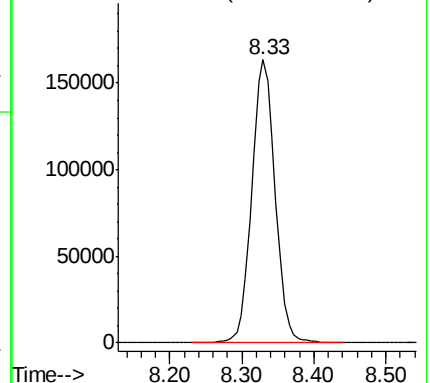
Lab File: VW005354.D

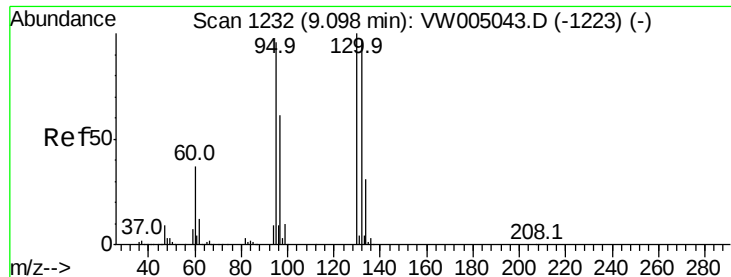
Acq: 13 Sep 2018 16:13

Tgt Ion: 78 Resp: 367659



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 28.750 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD02583

Tgt Ion: 95 Resp: 97601

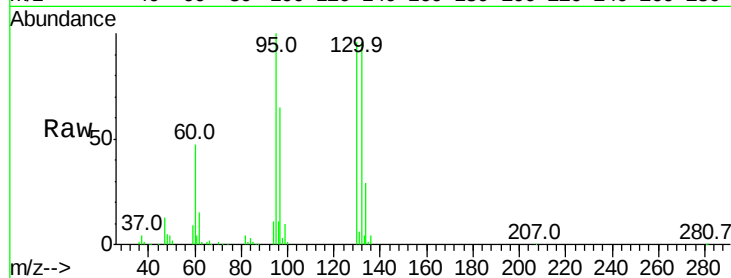
Ion Ratio Lower Upper

95 100

97 64.3 44.9 83.5

132 96.0 72.3 134.3

130 98.3 74.0 137.4

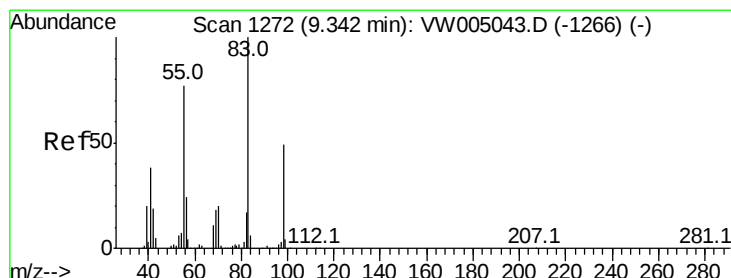
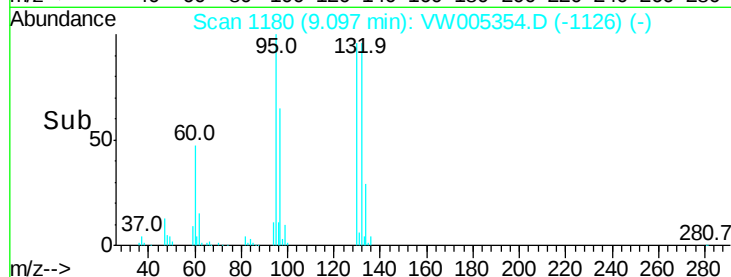
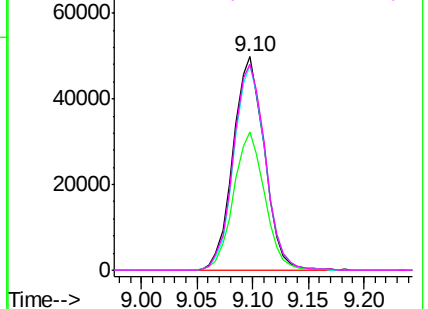


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 30.079 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

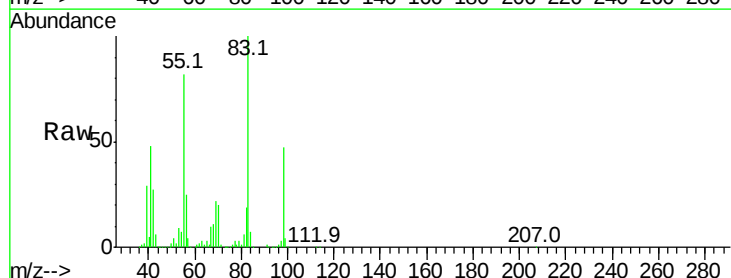
Tgt Ion: 83 Resp: 172265

Ion Ratio Lower Upper

83 100

55 83.0 59.5 89.3

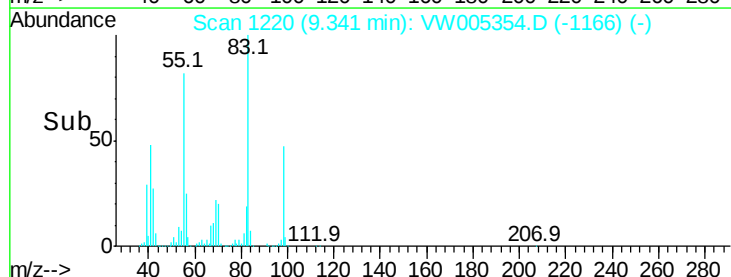
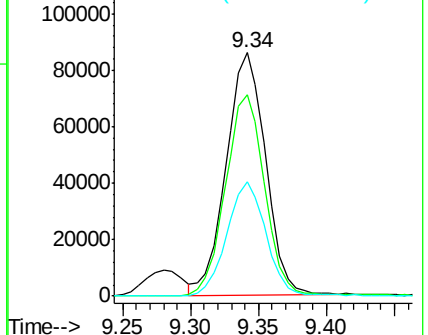
98 46.6 37.4 56.2

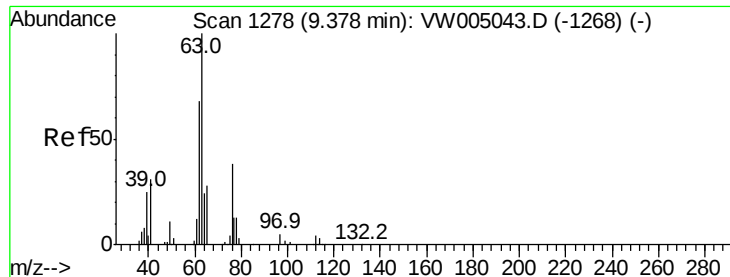


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

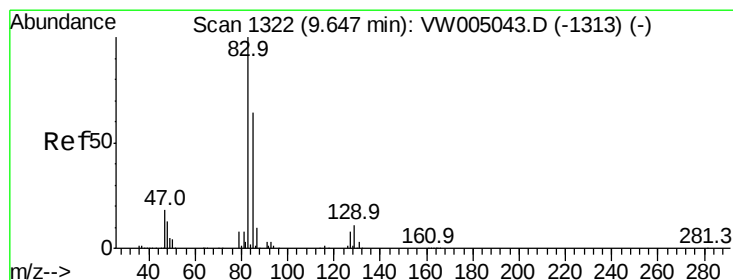
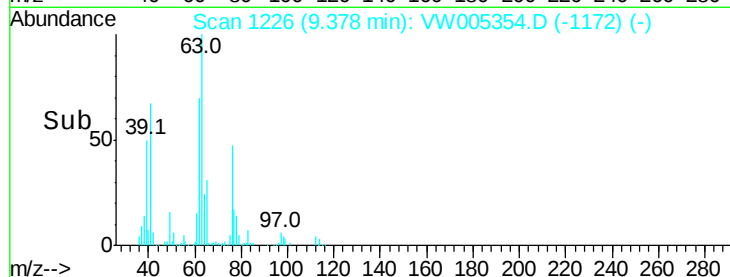
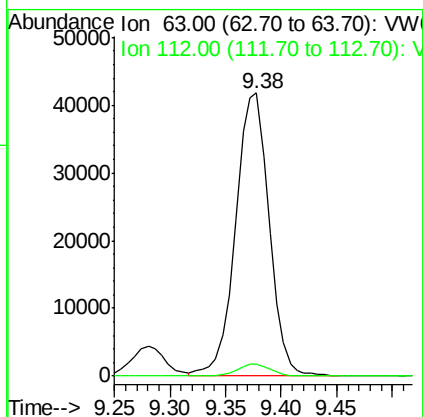
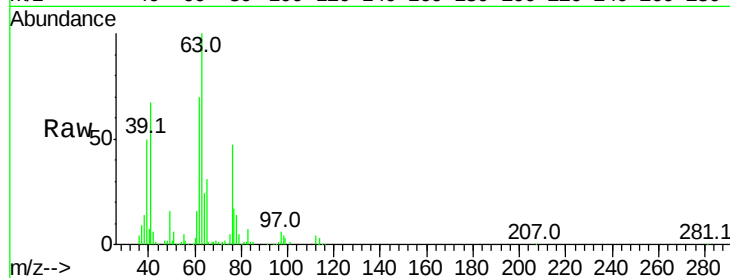




#40
 1,2-Dichloropropane
 Concen: 26.937 ug/L
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

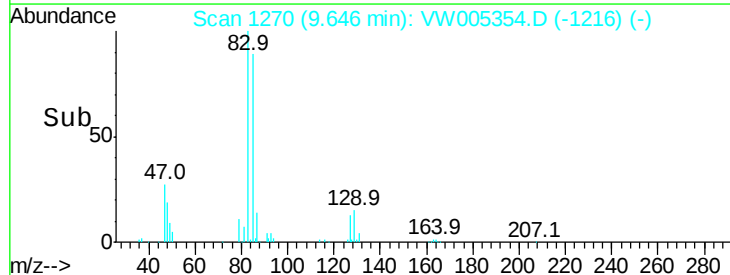
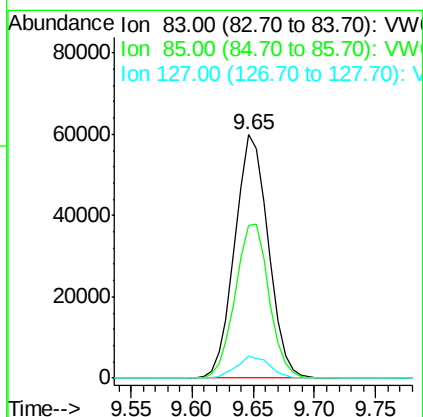
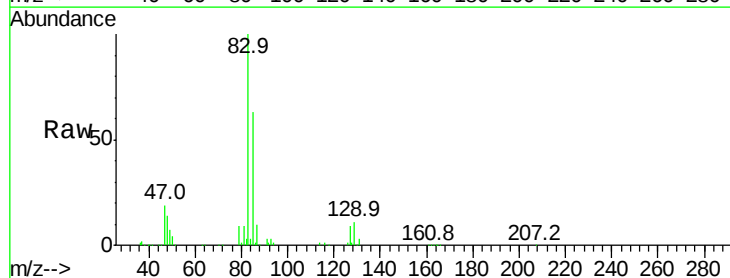
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

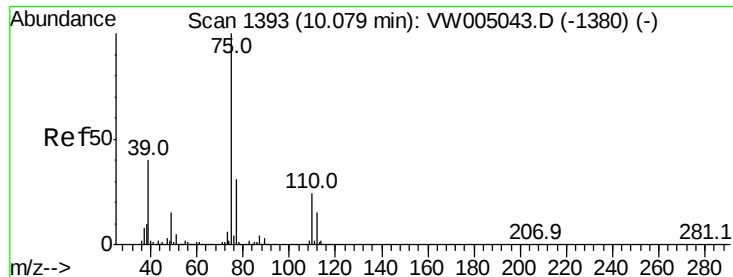
Tgt Ion: 63 Resp: 87681
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.6 5.4



#41
 Bromodichloromethane
 Concen: 29.112 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

Tgt Ion: 83 Resp: 114060
 Ion Ratio Lower Upper
 83 100
 85 62.8 44.6 82.8
 127 9.4 6.8 10.2





#42

cis-1,3-Dichloropropene

Concen: 27.297 ug/L

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

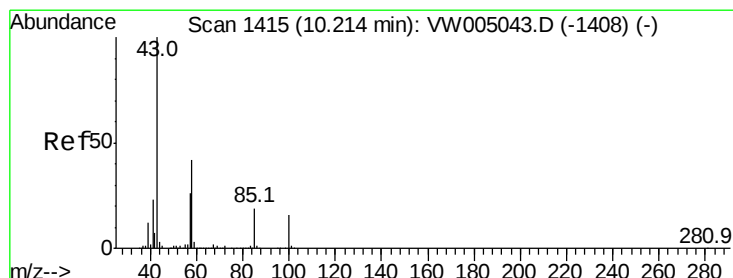
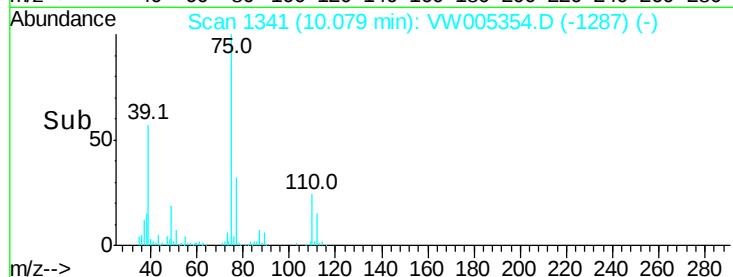
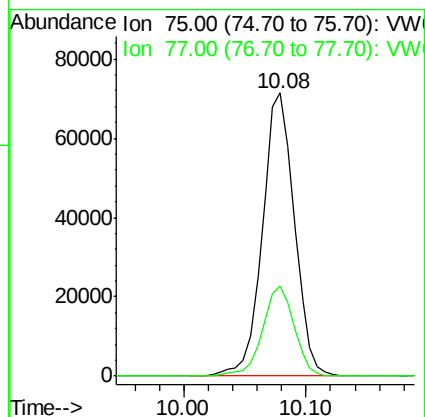
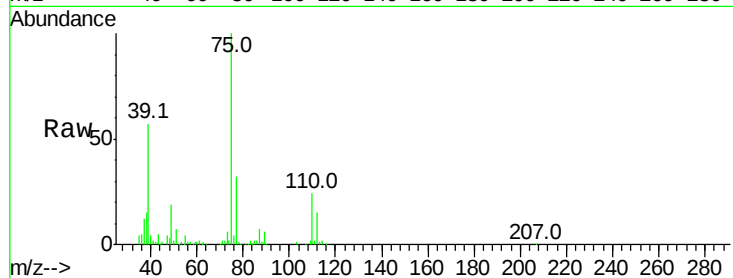
VSTD02583

Tgt Ion: 75 Resp: 130290

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



#43

4-Methyl-2-pentanone

Concen: 75.459 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

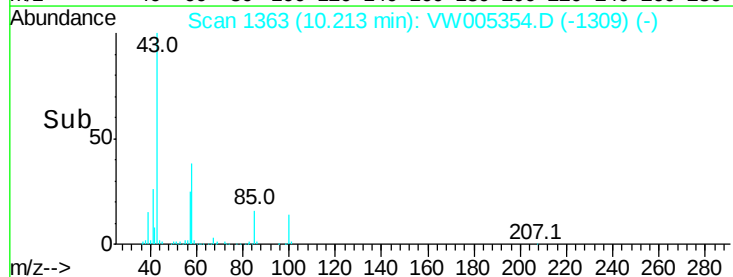
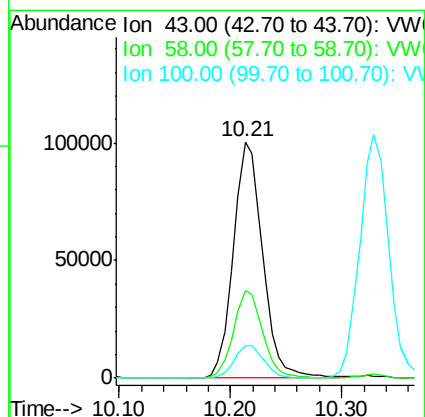
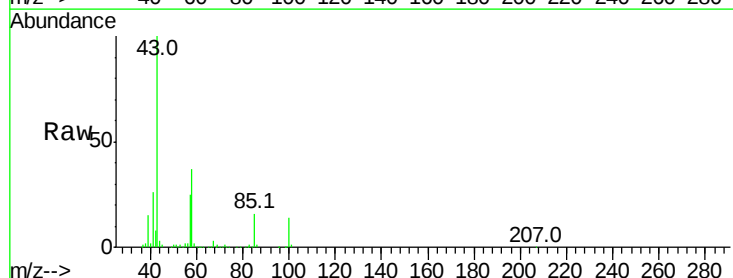
Tgt Ion: 43 Resp: 182534

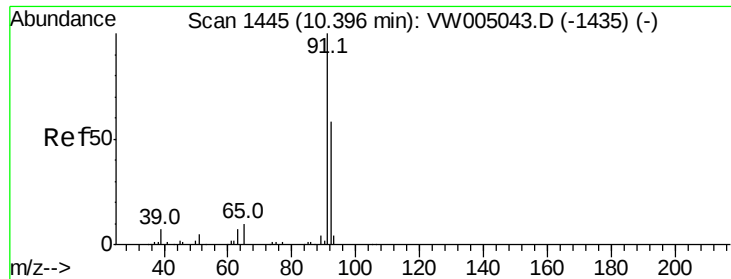
Ion Ratio Lower Upper

43 100

58 37.3 33.4 50.0

100 14.2 13.4 20.2





#44

Toluene

Concen: 28.605 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

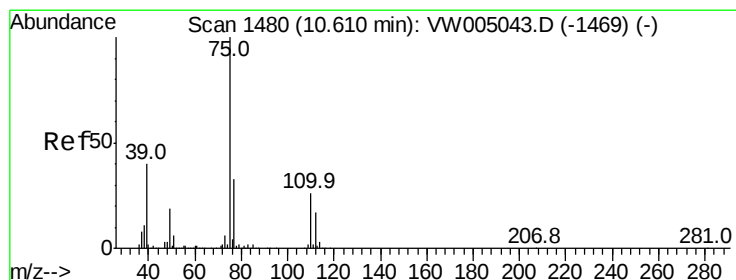
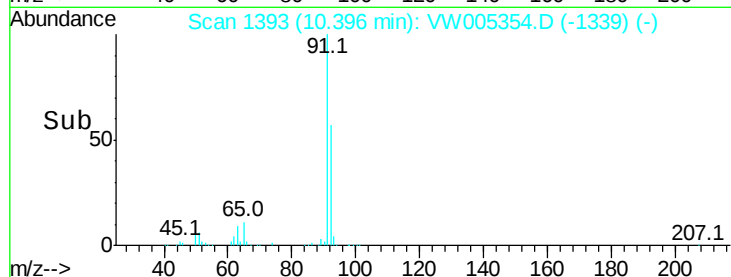
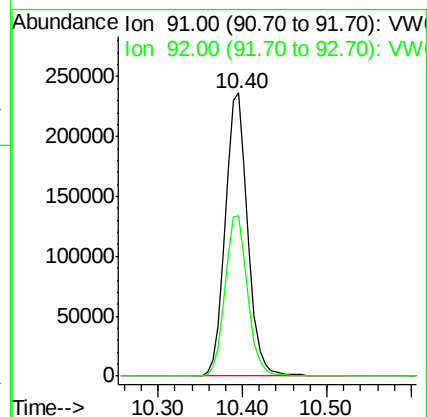
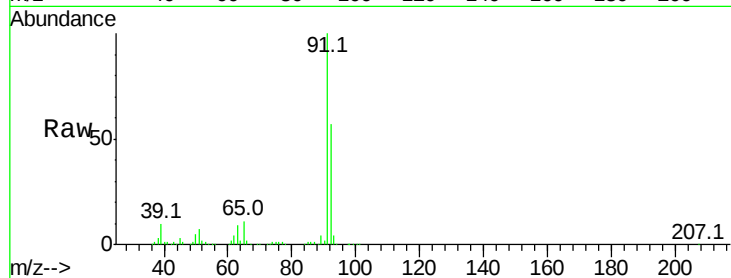
VSTD02583

Tgt Ion: 91 Resp: 433615

Ion Ratio Lower Upper

91 100

92 56.9 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 29.354 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005354.D

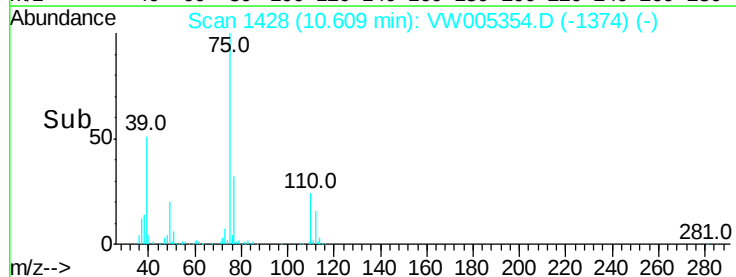
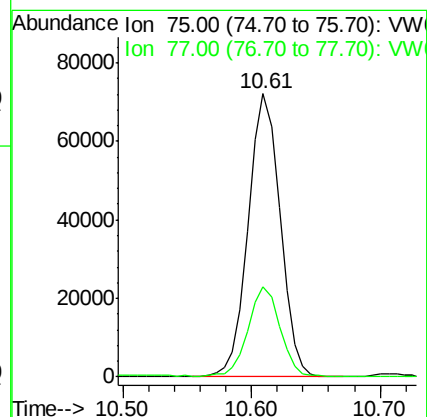
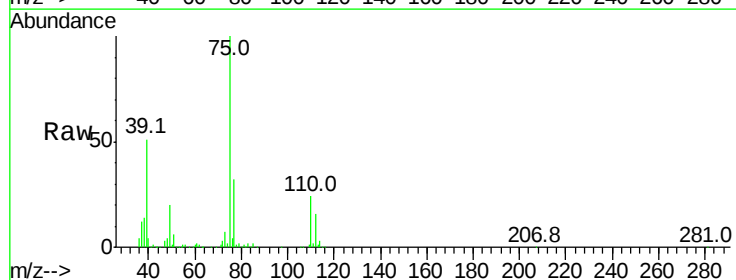
Acq: 13 Sep 2018 16:13

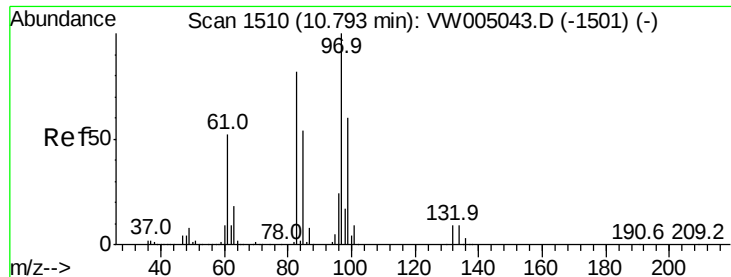
Tgt Ion: 75 Resp: 123665

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.0

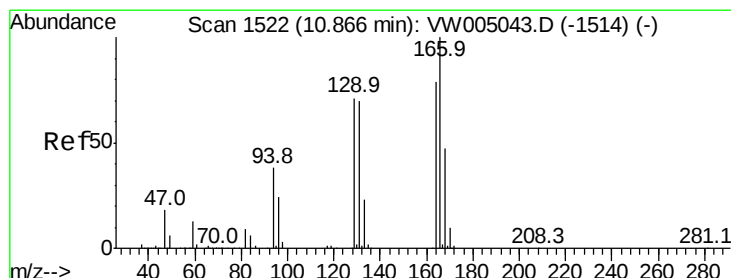
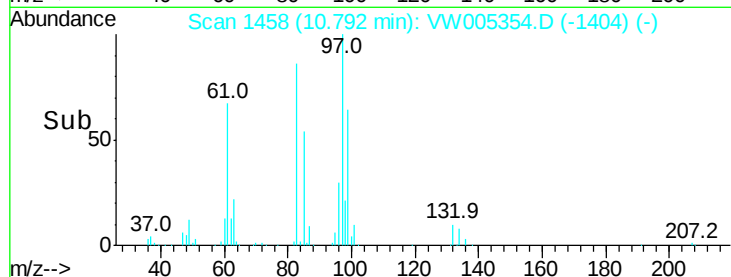
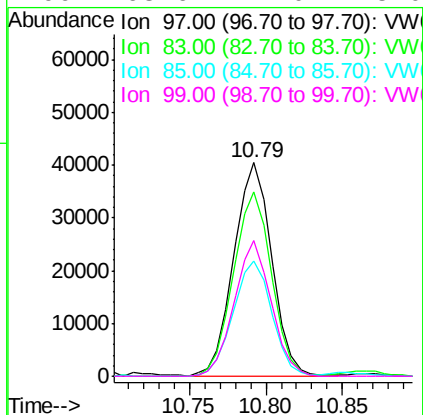
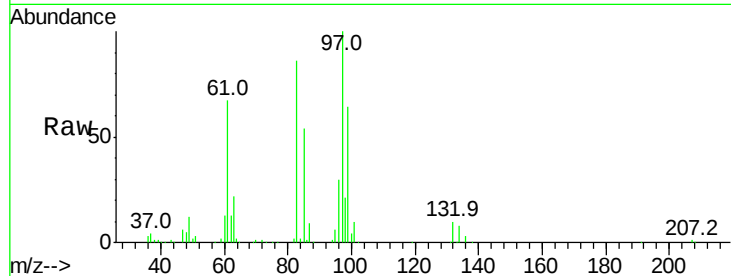




#46
 1,1,2-Trichloroethane
 Concen: 25.700 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

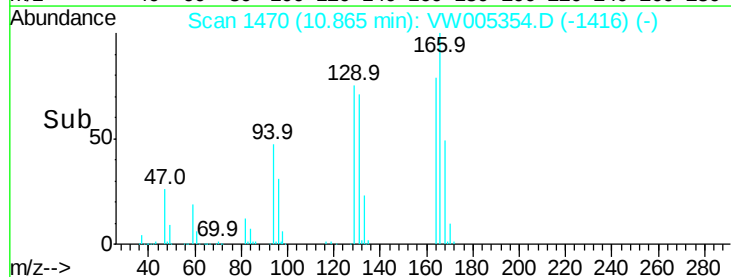
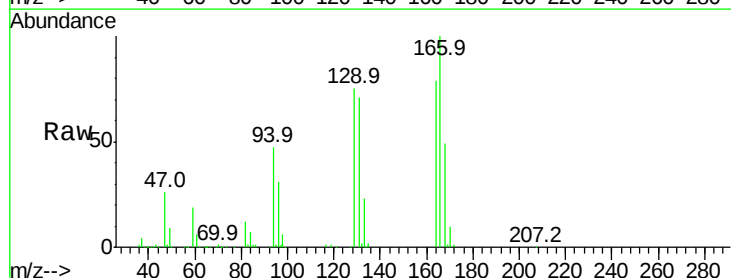
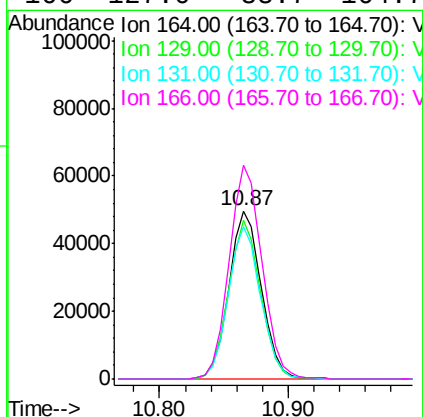
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

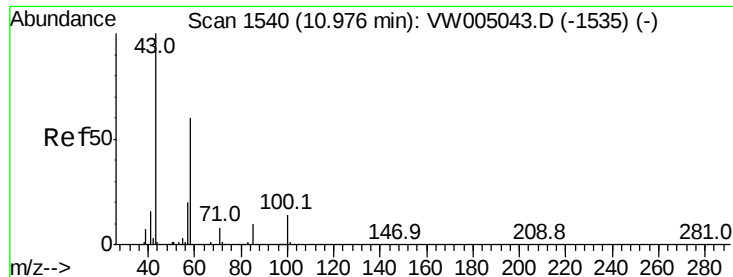
Tgt Ion: 97 Resp: 69912
 Ion Ratio Lower Upper
 97 100
 83 86.0 57.3 106.5
 85 54.2 37.8 70.2
 99 63.6 42.0 78.0



#47
 Tetrachloroethene
 Concen: 27.378 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

Tgt Ion: 164 Resp: 87769
 Ion Ratio Lower Upper
 164 100
 129 94.6 62.6 116.2
 131 90.8 61.9 115.1
 166 127.0 88.7 164.7

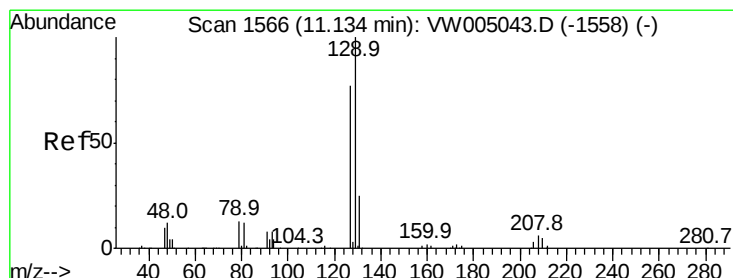
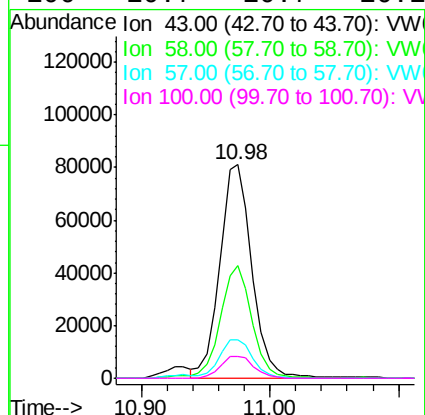
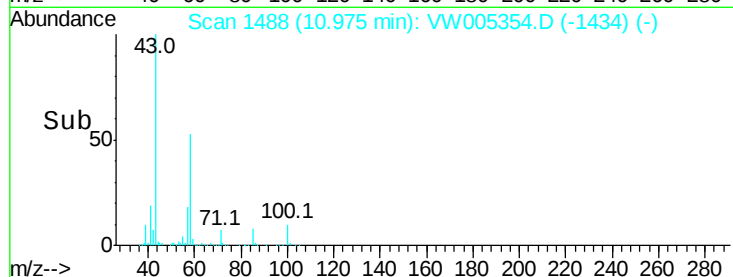
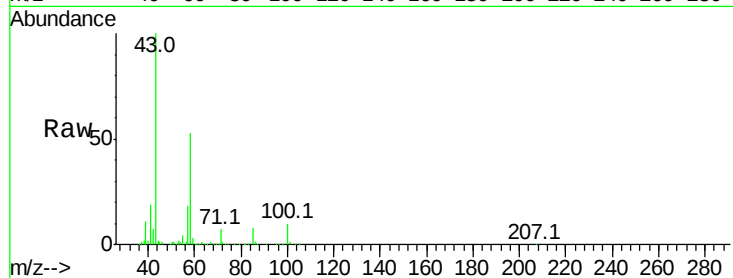




#49
2-Hexanone
Concen: 81.268 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

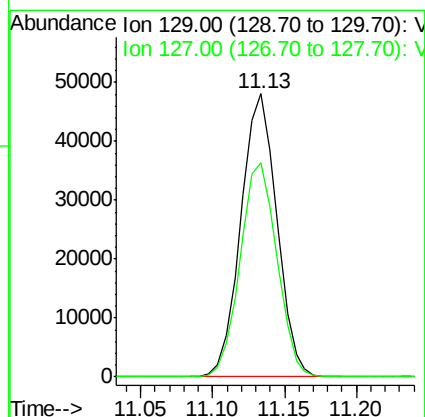
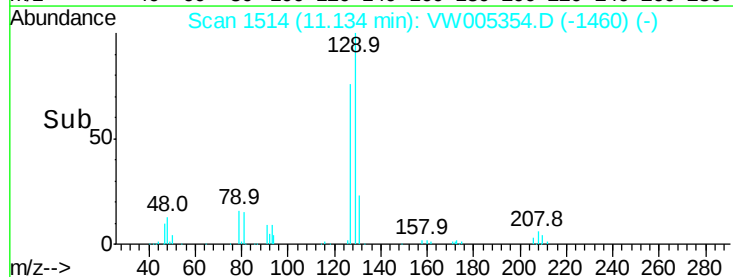
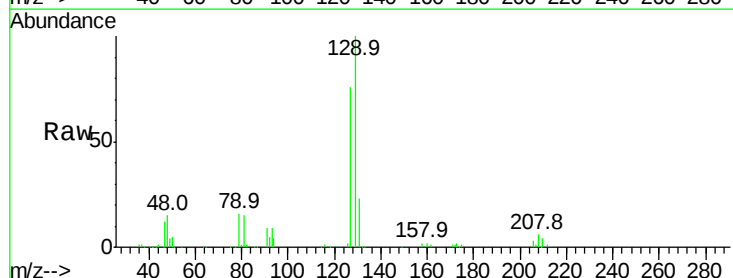
Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

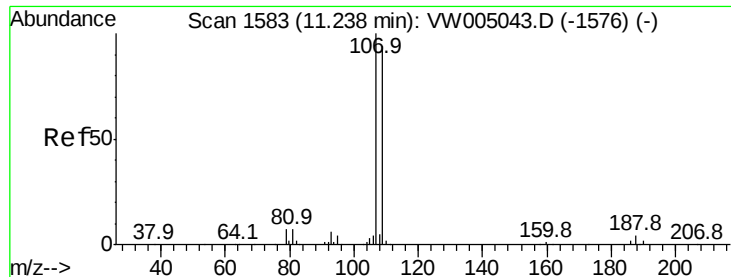
Tgt Ion: 43 Resp: 142333
Ion Ratio Lower Upper
43 100
58 52.0 45.8 68.8
57 18.8 15.9 23.9
100 10.7 10.7 16.1#



#50
Dibromochloromethane
Concen: 27.541 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Tgt Ion: 129 Resp: 83405
Ion Ratio Lower Upper
129 100
127 75.8 54.1 100.5

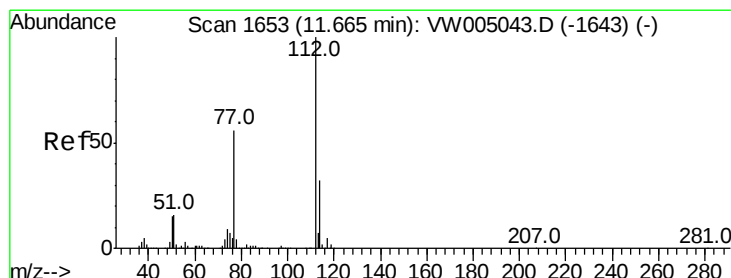
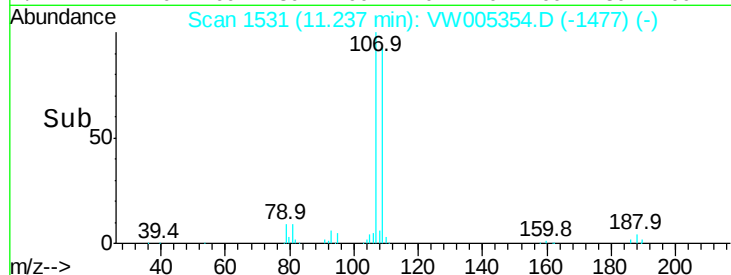
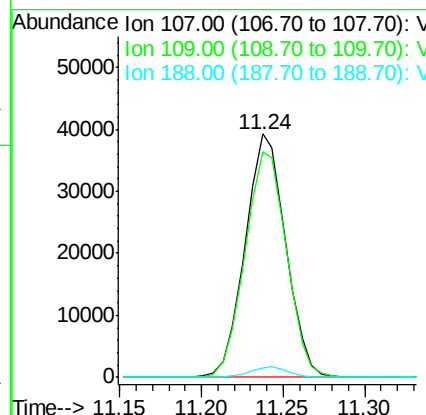
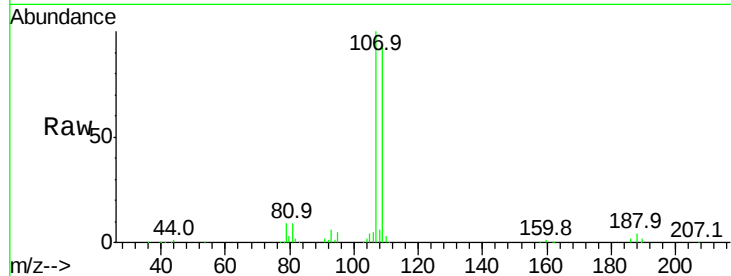




#51
1,2-Dibromoethane
Concen: 26.422 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

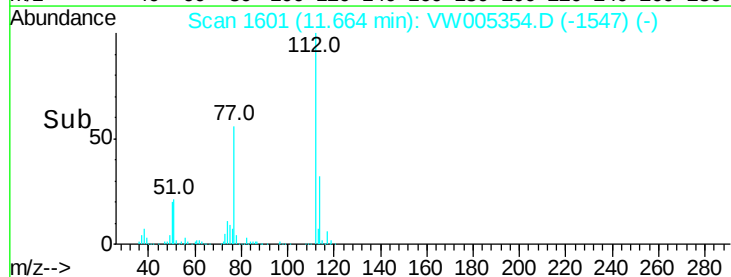
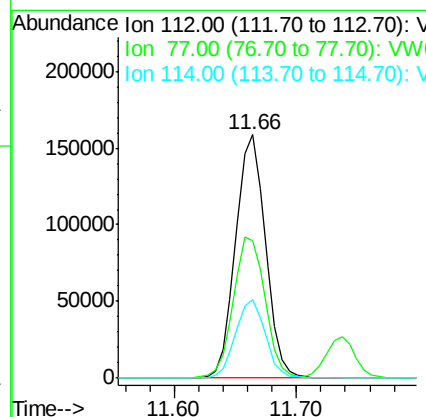
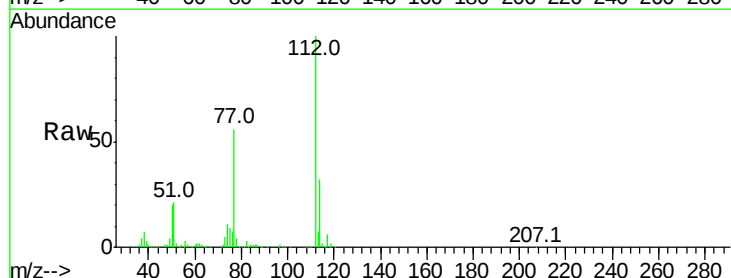
Instrument :
MSVOA_W
ClientSampleId :
VSTD02583

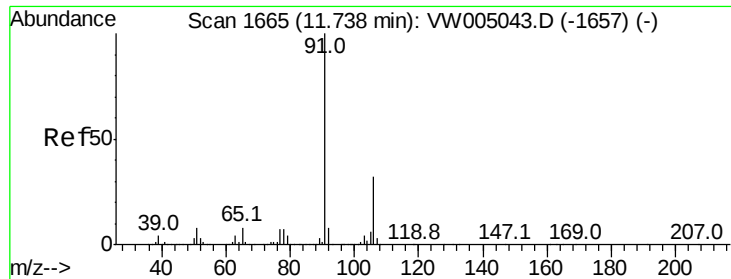
Tgt Ion:107 Resp: 68021
Ion Ratio Lower Upper
107 100
109 92.7 65.9 122.5
188 3.9 2.8 4.2



#52
Chlorobenzene
Concen: 25.823 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005354.D
Acq: 13 Sep 2018 16:13

Tgt Ion:112 Resp: 268233
Ion Ratio Lower Upper
112 100
77 56.4 44.5 66.7
114 32.1 22.3 41.3





#53

Ethylbenzene

Concen: 28.928 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

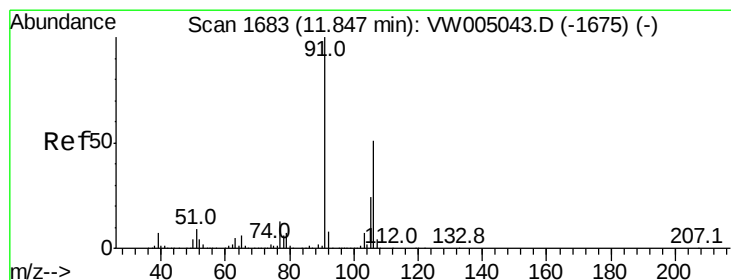
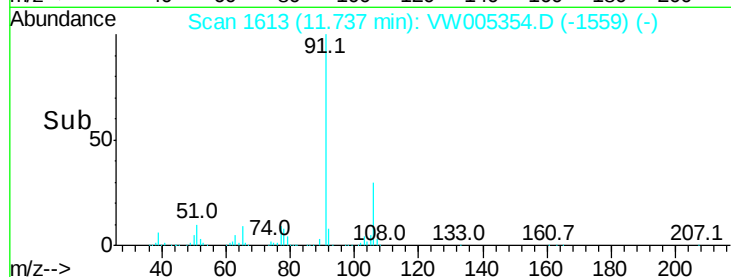
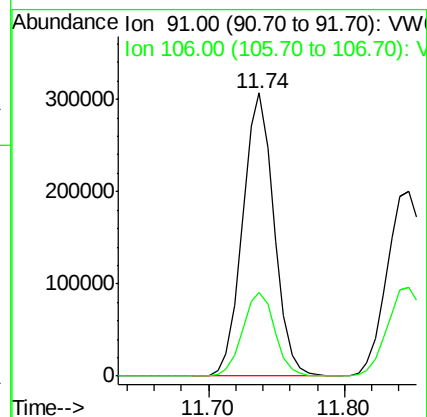
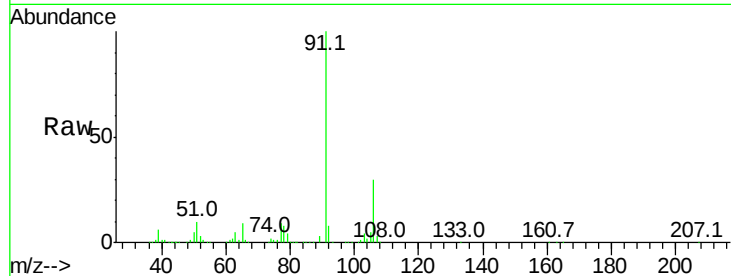
VSTD02583

Tgt Ion: 91 Resp: 493872

Ion Ratio Lower Upper

91 100

106 29.7 22.5 41.7



#54

m,p-Xylene

Concen: 27.484 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005354.D

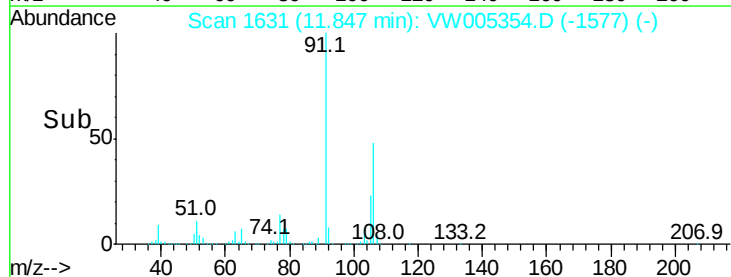
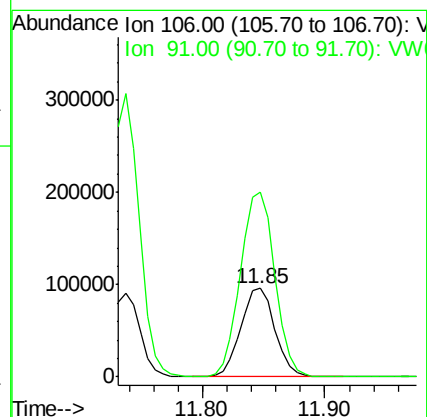
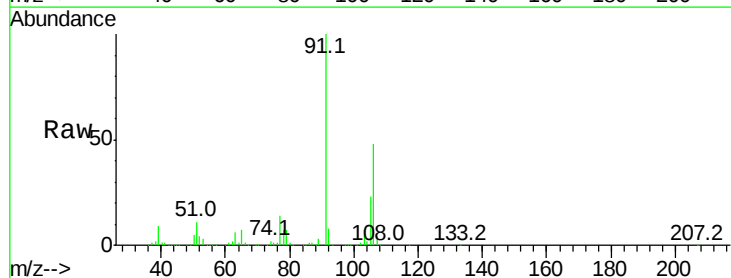
Acq: 13 Sep 2018 16:13

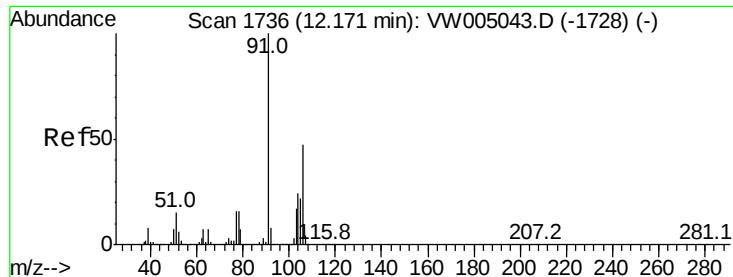
Tgt Ion: 106 Resp: 185973

Ion Ratio Lower Upper

106 100

91 209.1 136.8 254.0





#55

o-xylene

Concen: 27.912 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

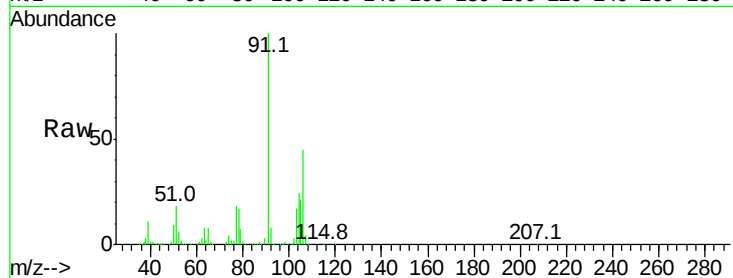
VSTD02583

Tgt Ion:106 Resp: 175459

Ion Ratio Lower Upper

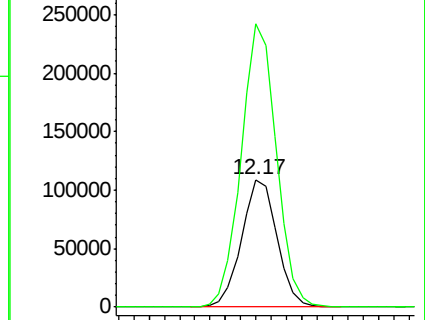
106 100

91 221.6 147.8 274.4

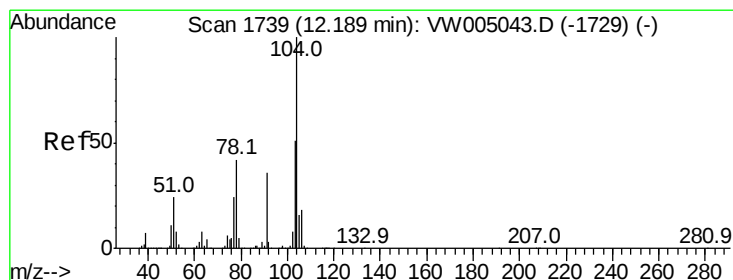
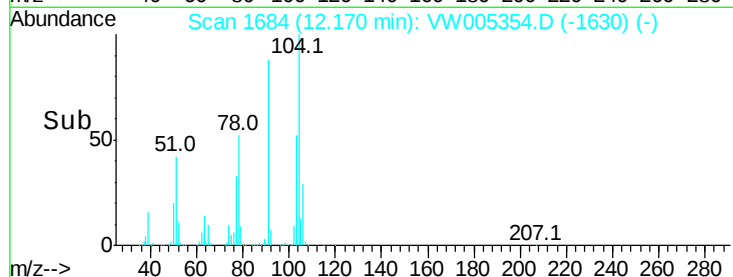


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time--> 12.10 12.15 12.20 12.25



#56

Styrene

Concen: 28.054 ug/L

RT: 12.19 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VW005354.D

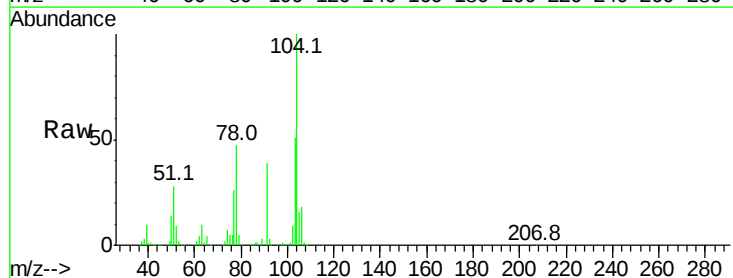
Acq: 13 Sep 2018 16:13

Tgt Ion:104 Resp: 304008

Ion Ratio Lower Upper

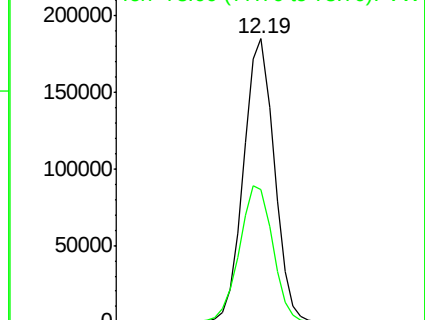
104 100

78 46.8 29.7 55.1

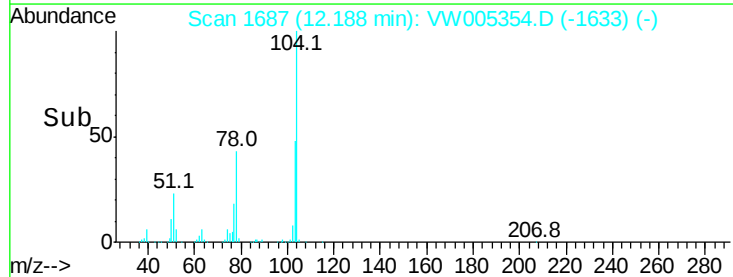


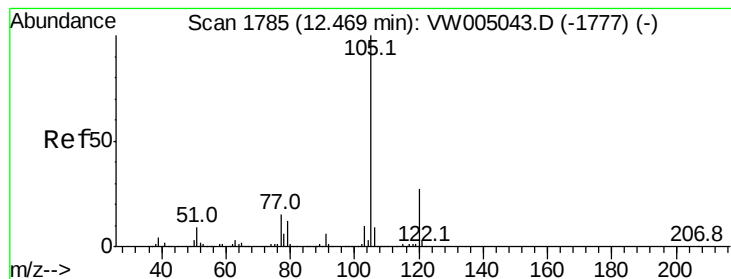
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



Time--> 12.10 12.20





#57

Isopropylbenzene

Concen: 29.577 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD02583

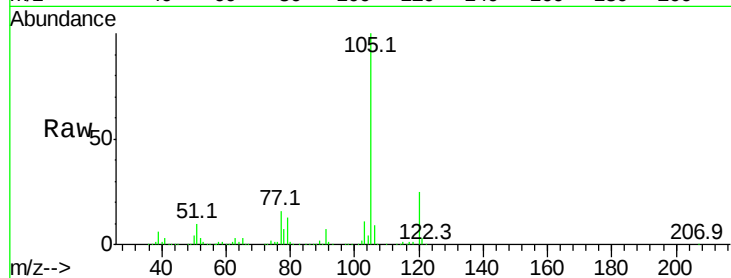
Tgt Ion:105 Resp: 493374

Ion Ratio Lower Upper

105 100

120 25.4 21.6 32.4

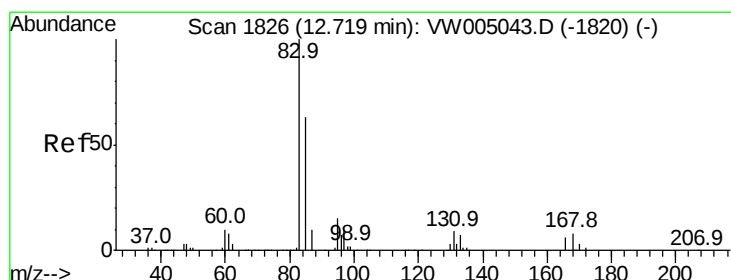
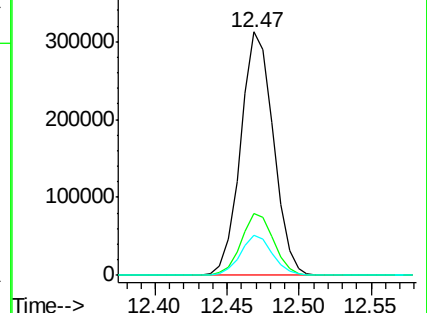
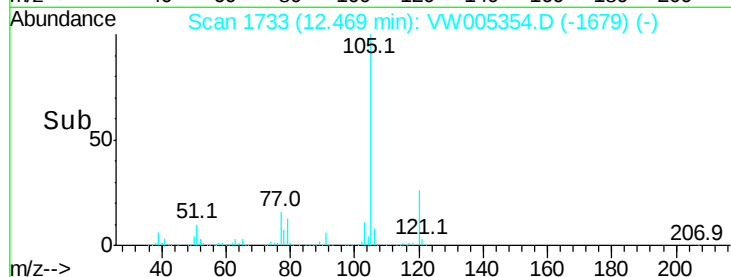
77 16.1 11.8 17.8



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: 27.266 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

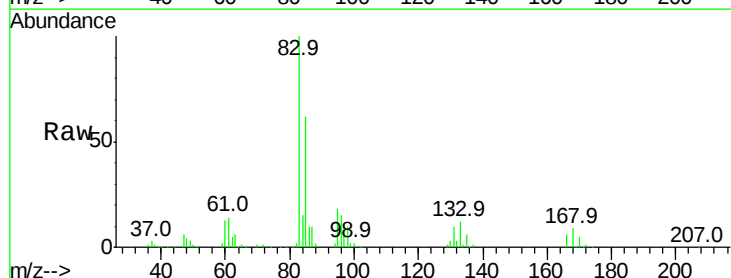
Tgt Ion: 83 Resp: 98494

Ion Ratio Lower Upper

83 100

85 61.7 44.9 83.5

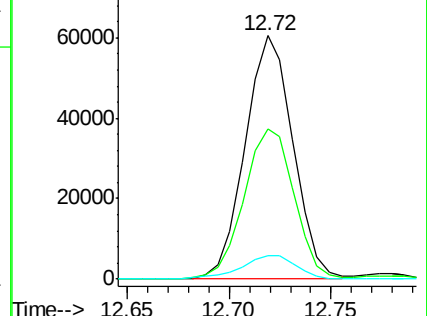
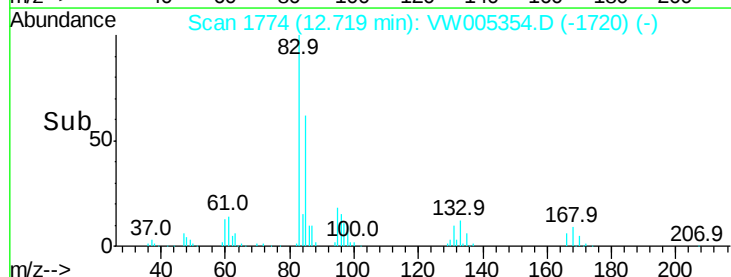
131 9.9 7.9 11.9

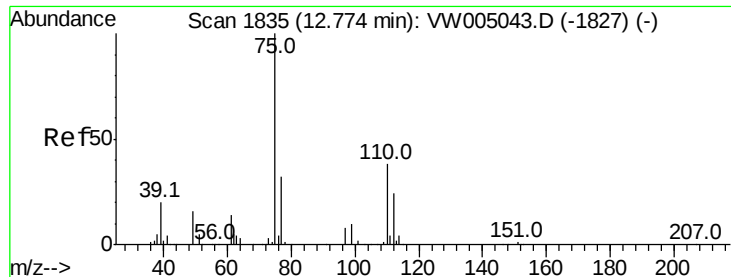


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 30.164 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

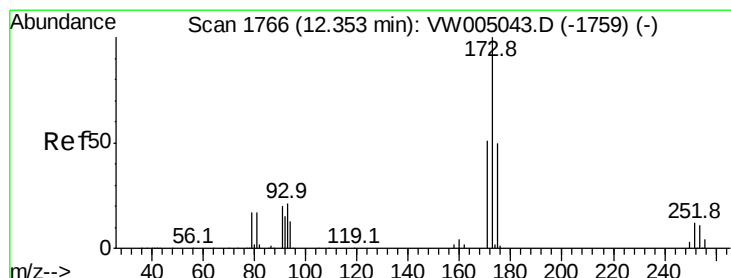
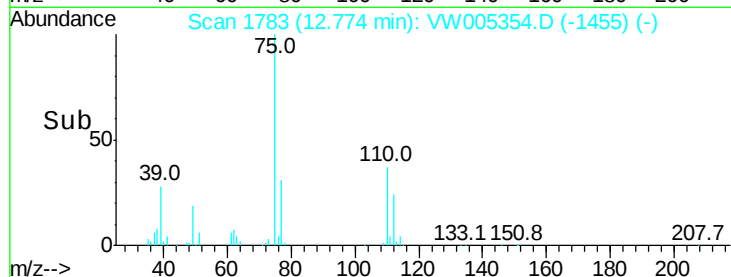
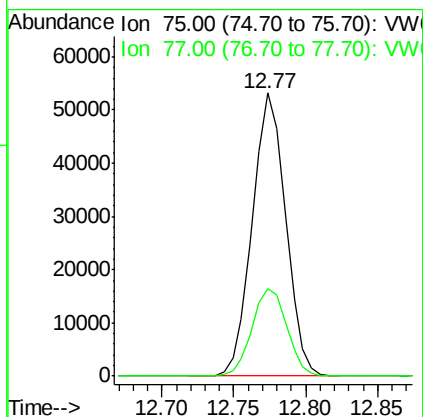
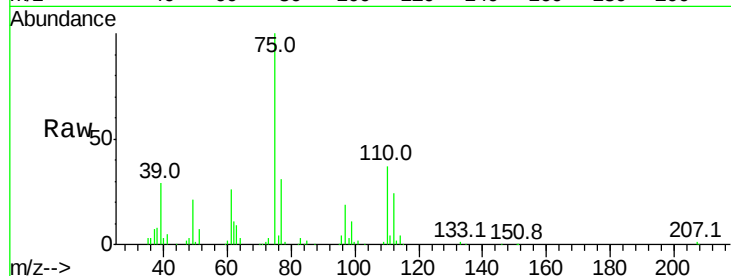
VSTD02583

Tgt Ion: 75 Resp: 85175

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#62

Bromoform

Concen: 29.181 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

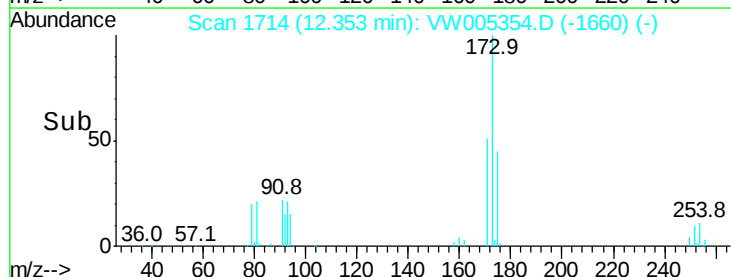
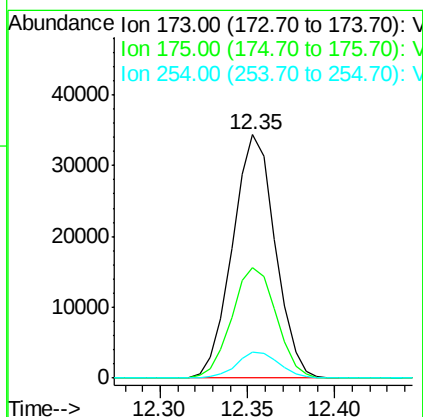
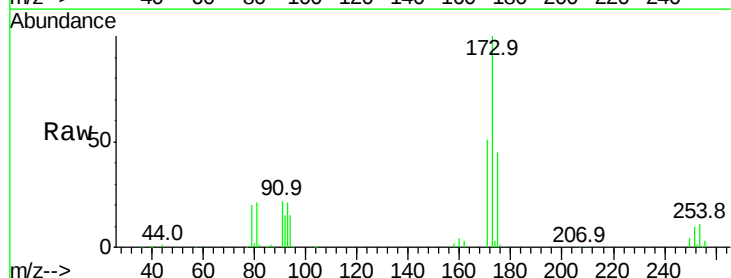
Tgt Ion: 173 Resp: 58310

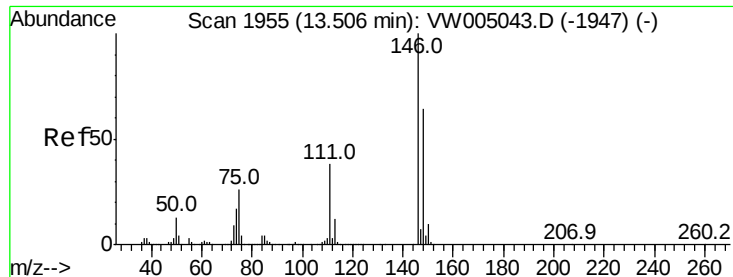
Ion Ratio Lower Upper

173 100

175 47.3 39.5 59.3

254 10.8 9.4 14.0

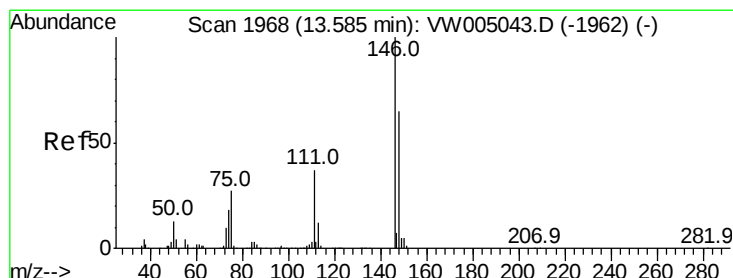
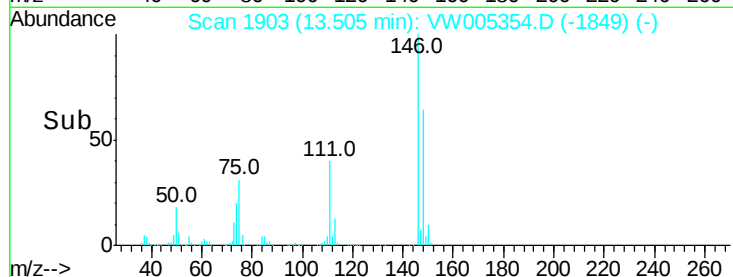
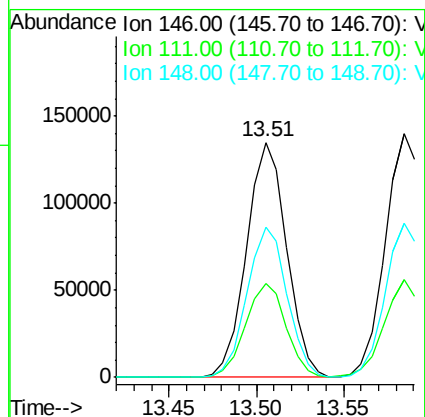
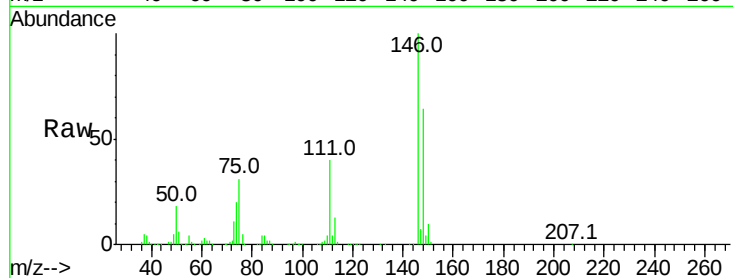




#63
 1,3-Dichlorobenzene
 Concen: 26.416 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

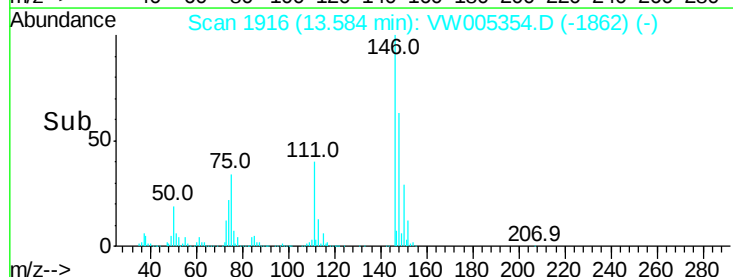
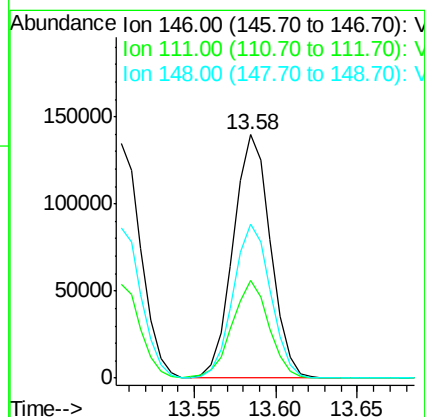
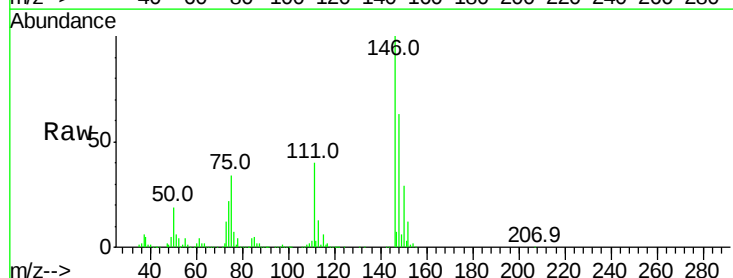
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

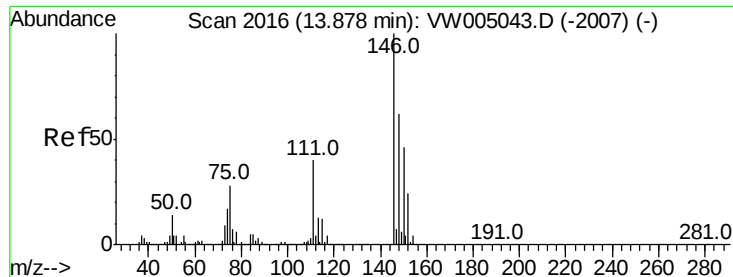
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.8	49.8
148	63.9	44.7	82.9



#64
 1,4-Dichlorobenzene
 Concen: 25.765 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005354.D
 Acq: 13 Sep 2018 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.0	48.4
148	63.3	45.4	84.4





#65

1,2-Dichlorobenzene

Concen: 26.122 ug/L

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD02583

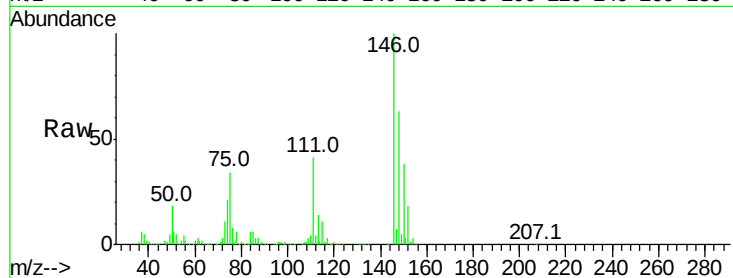
Tgt Ion:146 Resp: 207468

Ion Ratio Lower Upper

146 100

111 41.1 32.2 48.2

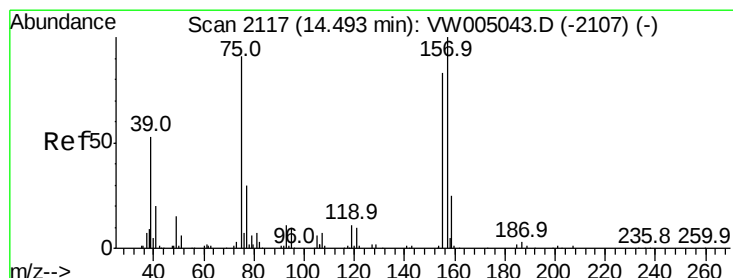
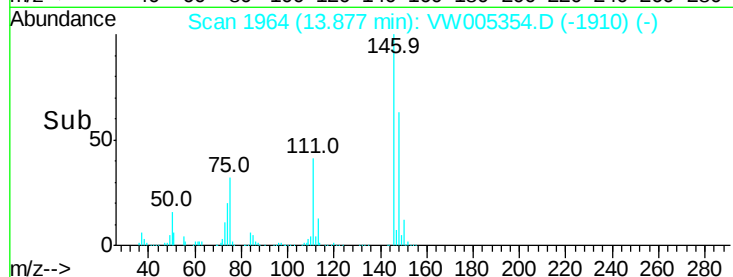
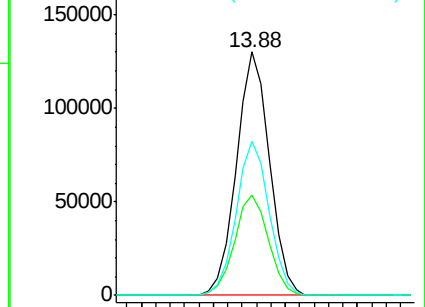
148 63.2 49.9 74.9



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: 35.876 ug/L

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005354.D

Acq: 13 Sep 2018 16:13

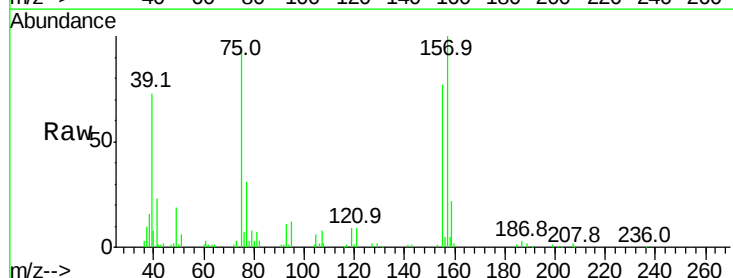
Tgt Ion: 75 Resp: 23084

Ion Ratio Lower Upper

75 100

157 107.9 87.6 131.4

155 83.3 72.4 108.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

