

Data File : VW003515.D
Acq On : 24 Jun 2018 17:14
Operator : SY/AP
Sample : J3669-17
Misc : 6.14G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

Quant Time: Jun 24 23:28:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109662	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	
35) Dibromofluoromethane	7.88	113	92210	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.33	98	321655	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.62	95	126988	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	31276	16.665	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	18304	11.724	ug/l	90
12) 1,1-Dichloroethene	4.03	96	1034282	677.933	ug/l	98
14) Allyl chloride	4.91	41	16359	6.190	ug/l #	19
16) Acetone	4.14	43	21221	55.428	ug/l	91
18) Methyl Acetate	4.89	43	5036	5.545	ug/l #	52
20) Methylene Chloride	4.91	84	377414	246.485	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	3457	2.082	ug/l	96
24) 1,1-Dichloroethane	6.21	63	25513	8.080	ug/l	98
25) 2-Butanone	7.18	43	12019	25.246	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	3455773	1894.618	ug/l	93
28) Bromochloromethane	7.68	49	7614	5.795	ug/l #	15
29) Tetrahydrofuran	7.54	42	980	3.368	ug/l #	86
30) Chloroform	7.68	83	83453	25.943	ug/l	95
31) Cyclohexane	7.95	56	8775	2.975	ug/l #	58
36) 1,1-Dichloropropene	7.95	75	14342	5.085	ug/l #	50
37) Ethyl Acetate	7.18	43	12019	10.285	ug/l #	1
39) Methylcyclohexane	9.09	83	678518	207.895	ug/l #	1
40) Benzene	8.32	78	43679	5.618	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14605	5.996	ug/l	97
45) 1,2-Dichloropropane	9.09	63	232659	117.526	ug/l #	1
48) Methyl methacrylate	9.47	41	1345	1.233	ug/l #	12
51) 4-Methyl-2-Pentanone	10.22	43	175874	148.754	ug/l	99
52) Toluene	10.40	92	5123603	1027.633	ug/l	96
53) t-1,3-Dichloropropene	10.40	75	63817	24.047	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	51651	36.165	ug/l	99
59) 2-Hexanone	10.95	43	5353	6.481	ug/l #	31
60) Dibromochloromethane	10.87	129	34105	20.080	ug/l #	10
64) Tetrachloroethene	10.87	164	38719	22.628	ug/l	95
65) Chlorobenzene	11.66	112	336566	63.178	ug/l	100
67) Ethyl Benzene	11.74	91	53419	5.657	ug/l	98
68) m/p-Xylenes	11.84	106	71515	19.922	ug/l	100
69) o-Xylene	12.17	106	27247	8.190	ug/l	98
70) Styrene	12.19	104	106904	19.305	ug/l	94

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.47	105	11100	1.218	ug/l	98
74) N-aryl acetate	12.26	43	10187	4.912	ug/l #	63
76) 1,2,3-Trichloropropane	12.63	75	69283	61.862	ug/l #	100
78) n-propylbenzene	12.81	91	22636	2.029	ug/l	97
79) 2-Chlorotoluene	12.87	91	7498	1.189	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	59355	7.760	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.63	75	69283	142.348	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	149692	19.026	ug/l	99
85) sec-Butylbenzene	13.39	105	15815	1.632	ug/l #	48
86) p-Isopropyltoluene	13.51	119	11411	1.335	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	122533	28.107	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	461871	106.571	ug/l	99
89) n-Butylbenzene	13.83	91	12089	1.451	ug/l #	78
90) Hexachloroethane	14.10	117	3035	1.963	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	2389213	625.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	631	2.432	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.15	180	7804	2.911	ug/l #	87
95) Naphthalene	15.38	128	130896	28.785	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	2789	1.182	ug/l	93

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

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Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

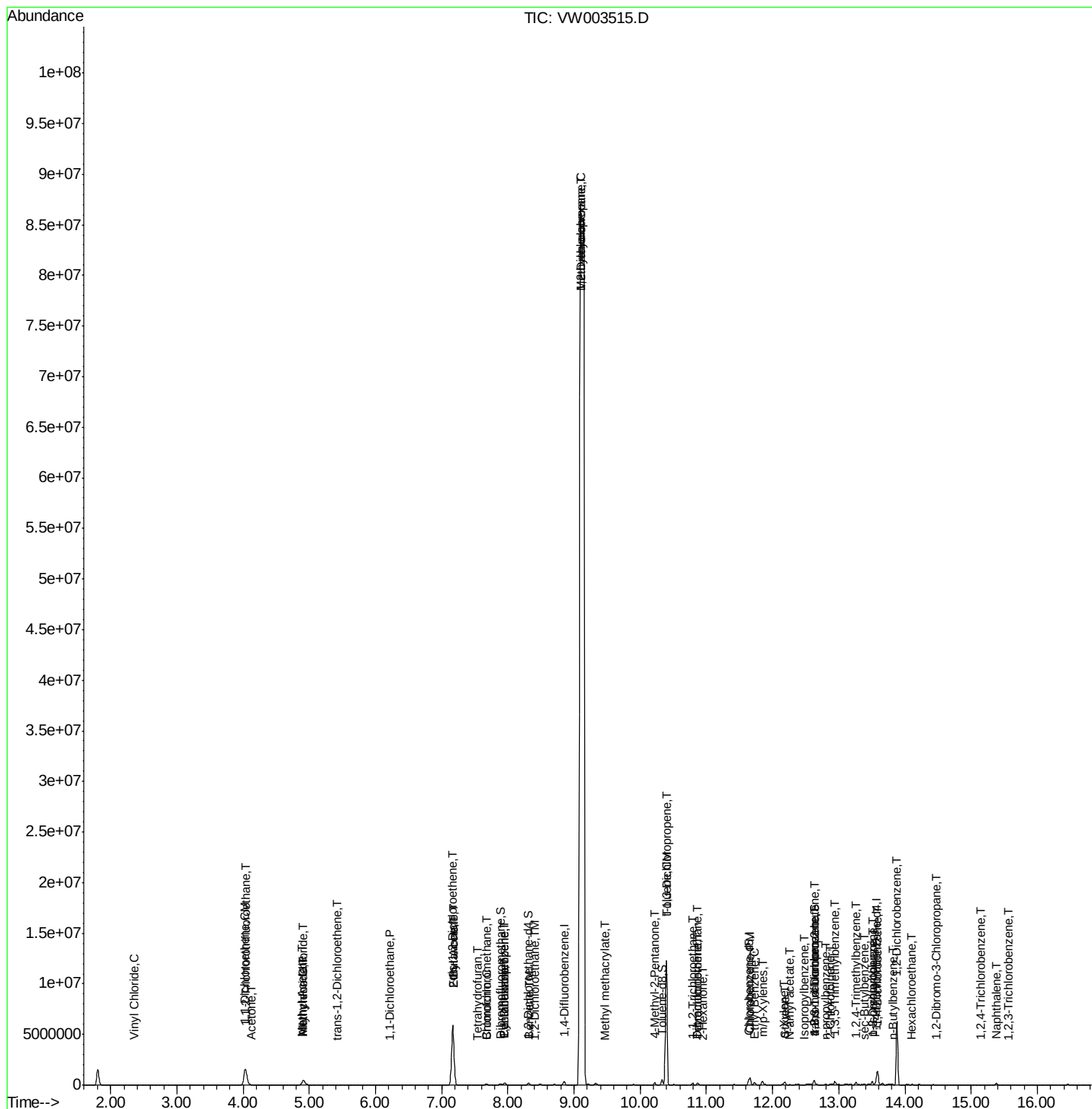
Quant Time: Jun 24 23:28:53 2018

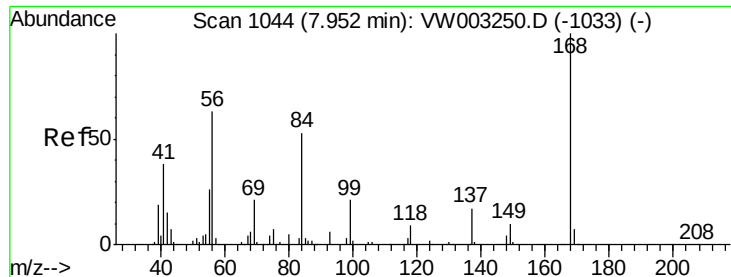
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W061318S.M

Quant Title : SW846 8260

QLast Update : Sat Jun 16 05:18:54 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

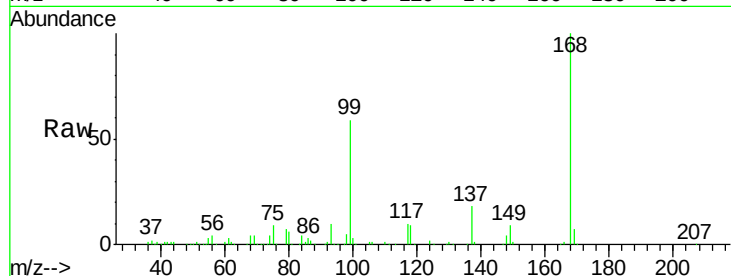
DUP-0483-180620

Tgt Ion: 168 Resp: 168534

Ion Ratio Lower Upper

168 100

99 58.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

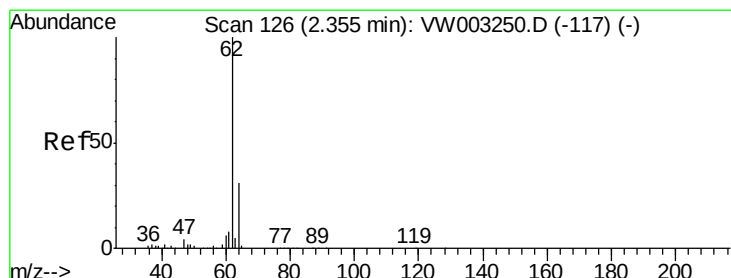
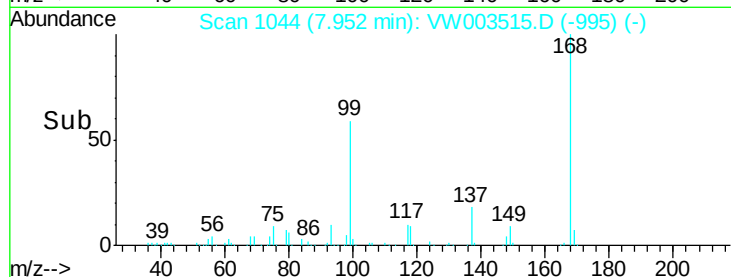
40000

20000

0

7.90 8.00 8.10

Time-->



#4

Vinyl Chloride

Concen: 16.665 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003515.D

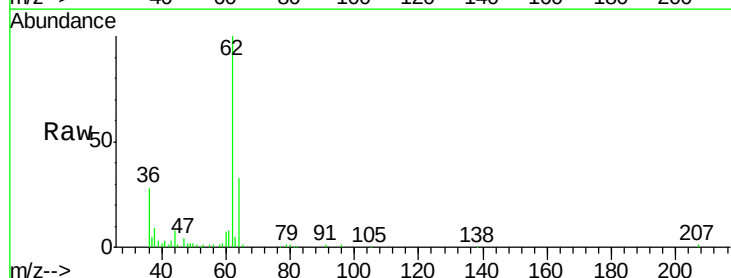
Acq: 24 Jun 2018 17:14

Tgt Ion: 62 Resp: 31276

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

20000

15000

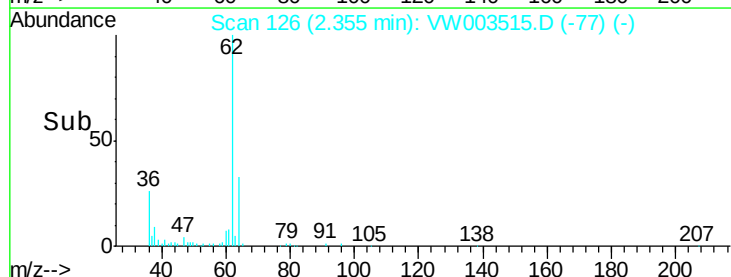
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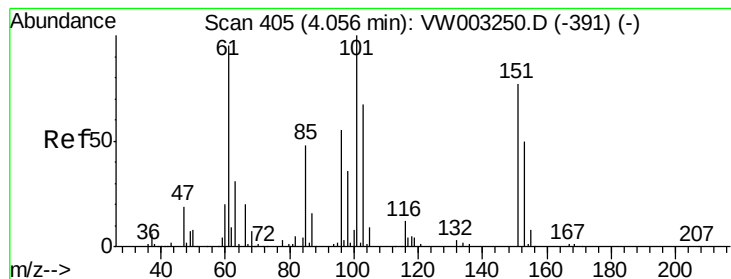
5000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.724 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

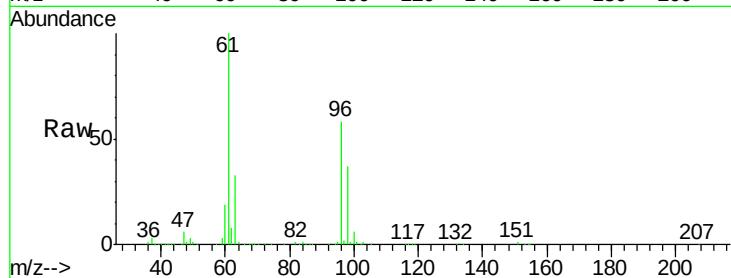
Tgt Ion:101 Resp: 18304

Ion Ratio Lower Upper

101 100

85 42.6 37.0 55.6

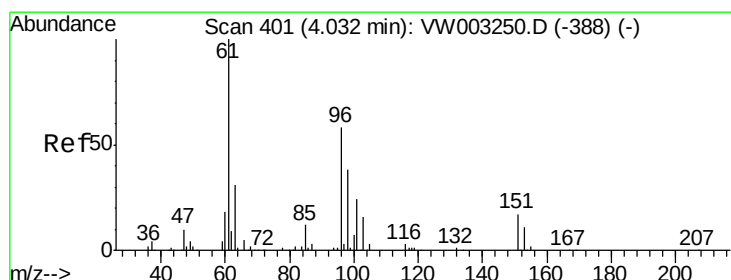
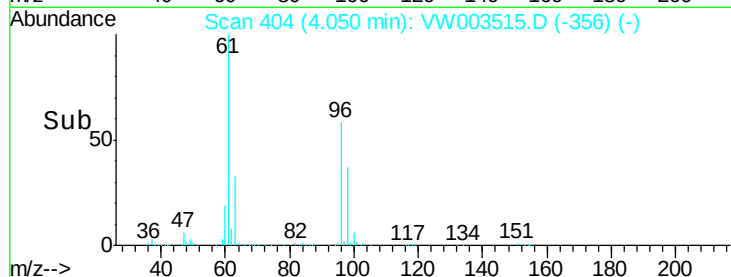
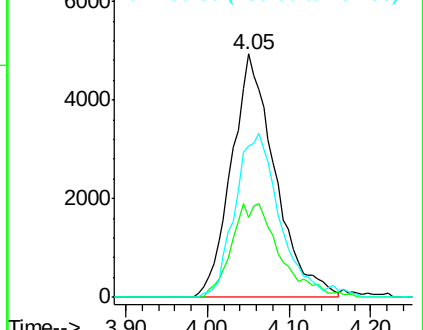
151 68.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 677.933 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

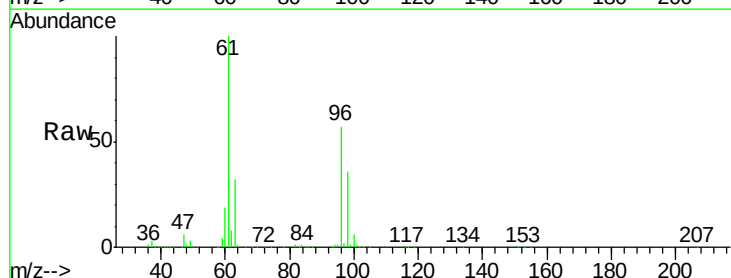
Tgt Ion: 96 Resp: 1034282

Ion Ratio Lower Upper

96 100

61 176.3 139.0 208.4

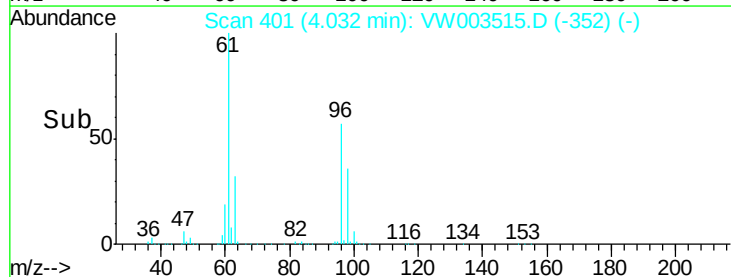
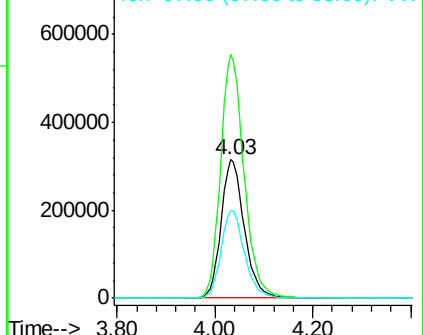
98 63.7 53.3 79.9

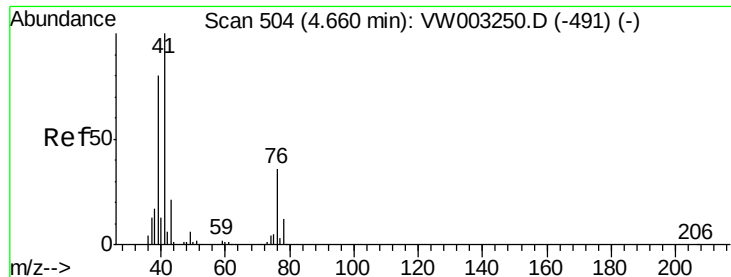


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#14

Allyl chloride

Concen: 6.190 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.25 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

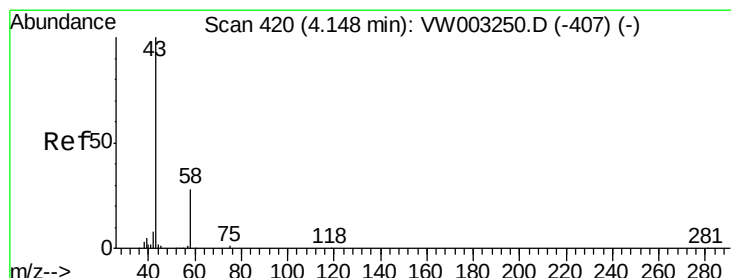
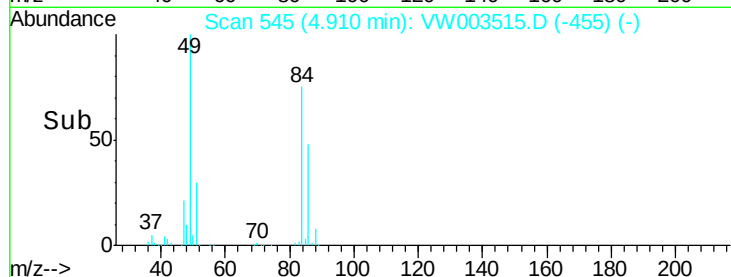
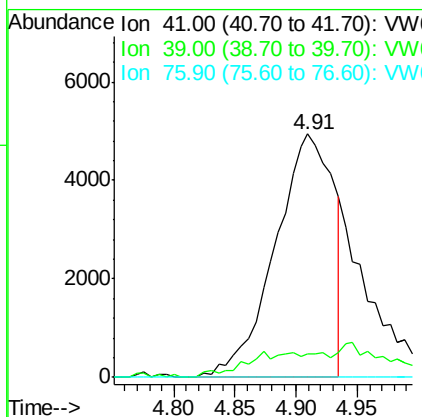
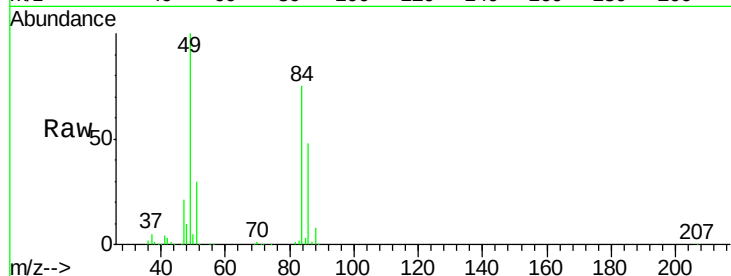
Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

Tgt Ion:	41	Resp:	16359
Ion	Ratio	Lower	Upper
41	100		
39	0.0	63.2	94.8#
76	0.0	28.0	42.0#



#16

Acetone

Concen: 55.428 ug/l

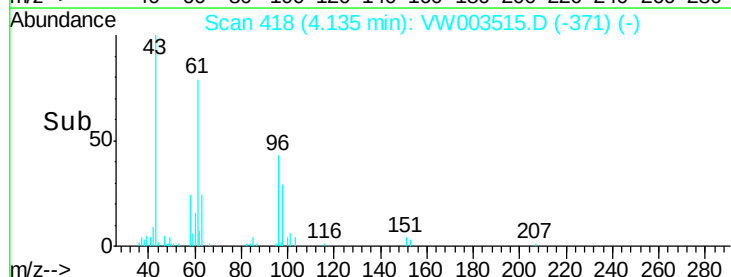
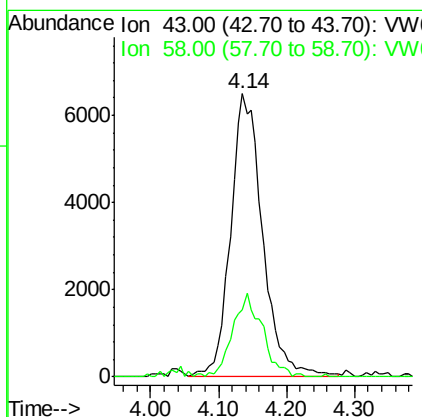
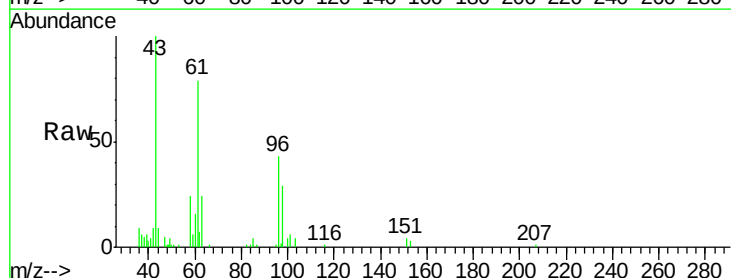
RT: 4.14 min Scan# 418

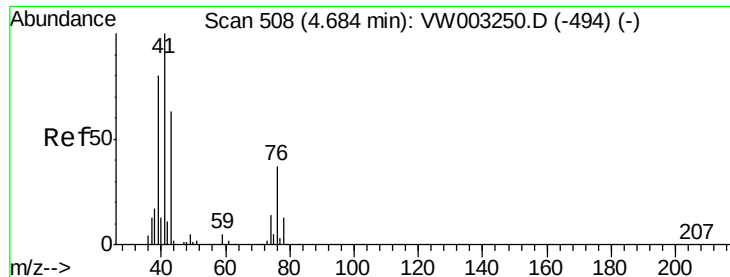
Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion:	43	Resp:	21221
Ion	Ratio	Lower	Upper
43	100		
58	23.8	22.6	34.0

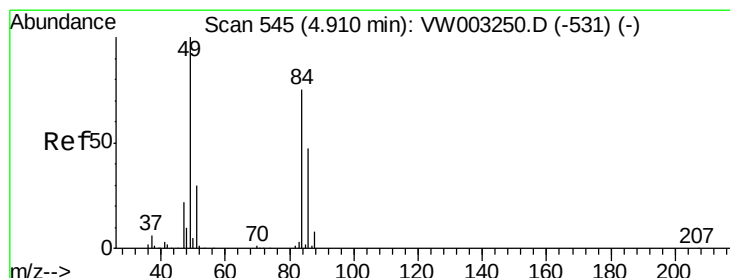
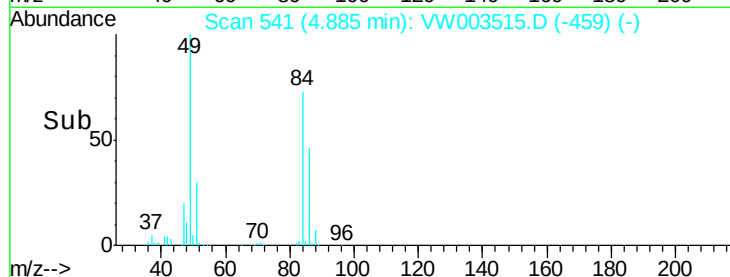
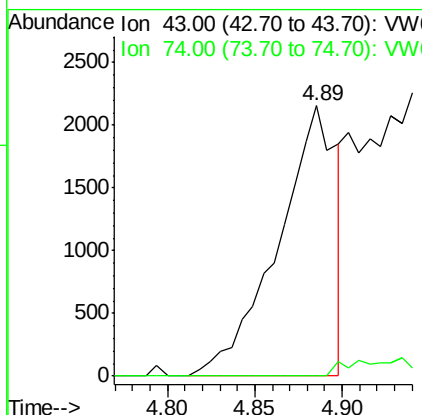
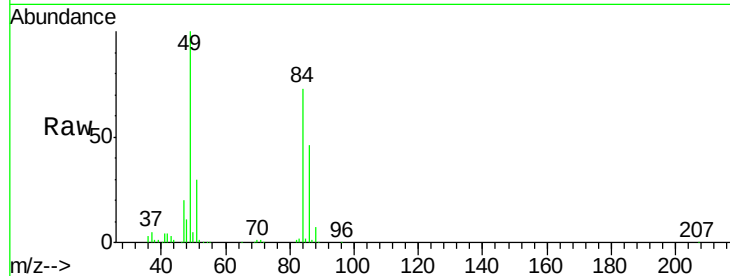




#18
Methyl Acetate
Concen: 5.545 ug/l
RT: 4.89 min Scan# 541
Delta R.T. 0.20 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

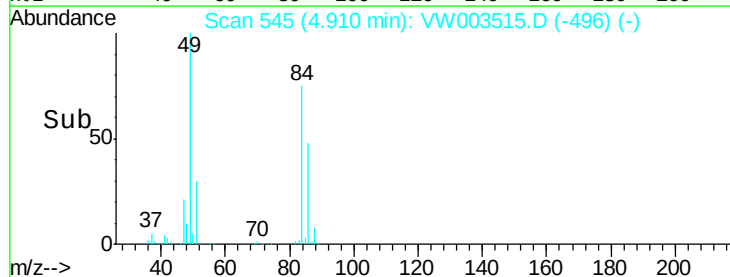
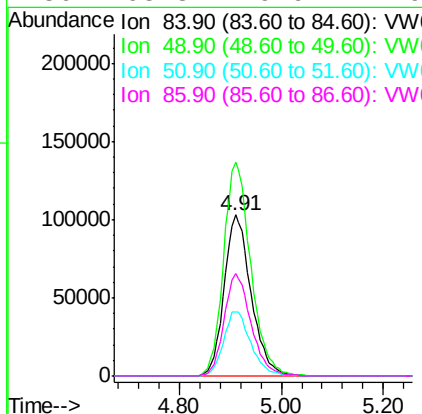
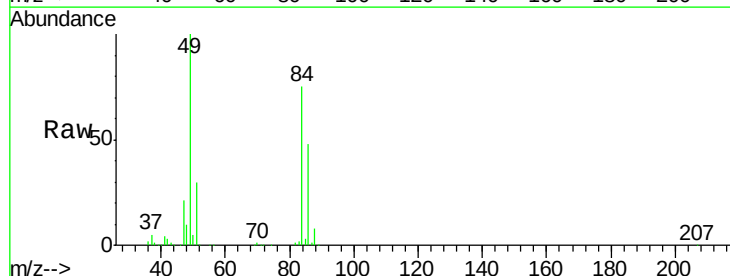
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

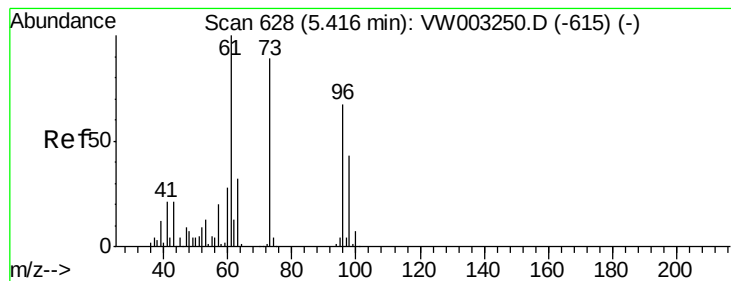
Tgt Ion: 43 Resp: 5036
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 246.485 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 84 Resp: 377414
Ion Ratio Lower Upper
84 100
49 132.7 106.3 159.5
51 39.8 32.0 48.0
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.082 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

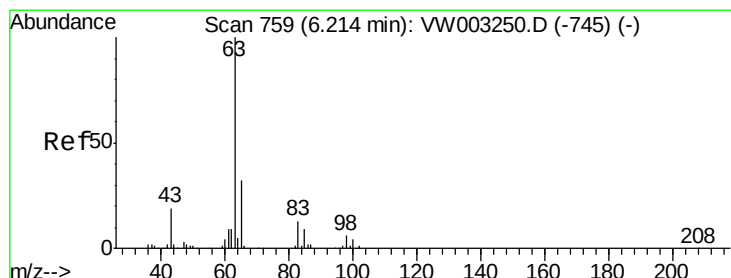
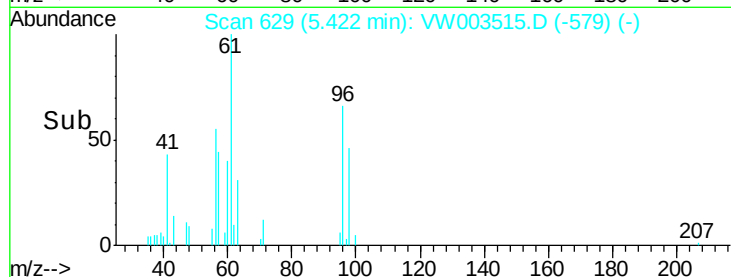
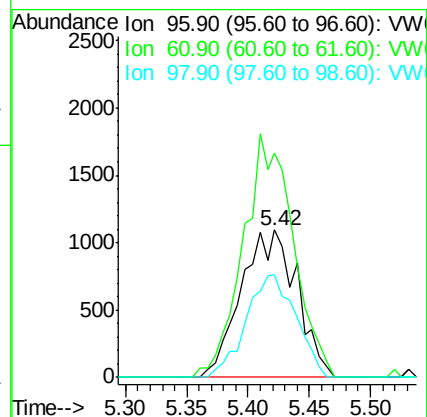
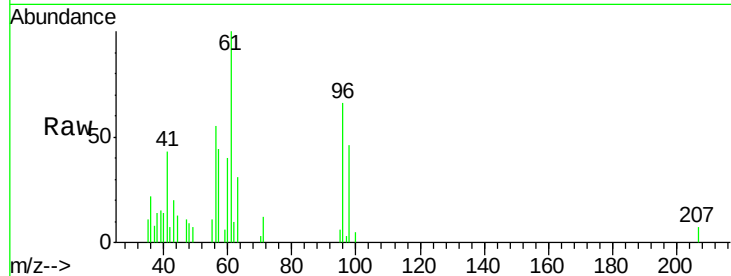
Tgt Ion: 96 Resp: 3457

Ion Ratio Lower Upper

96 100

61 151.9 118.7 178.1

98 69.4 51.0 76.6



#24

1,1-Dichloroethane

Concen: 8.080 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

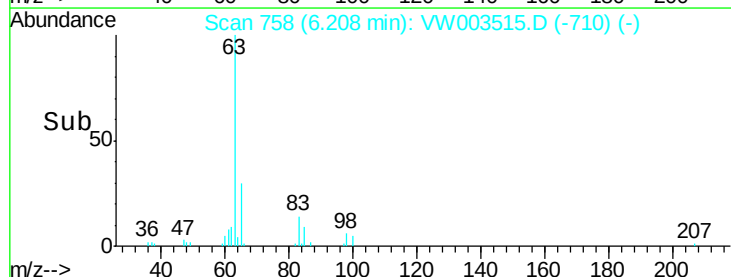
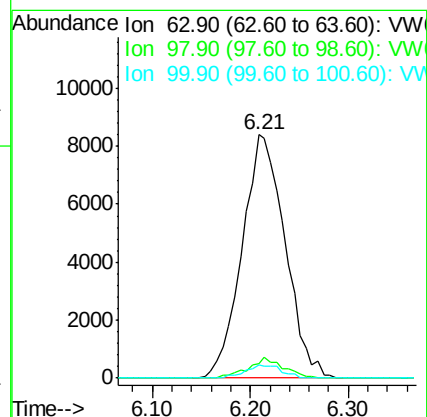
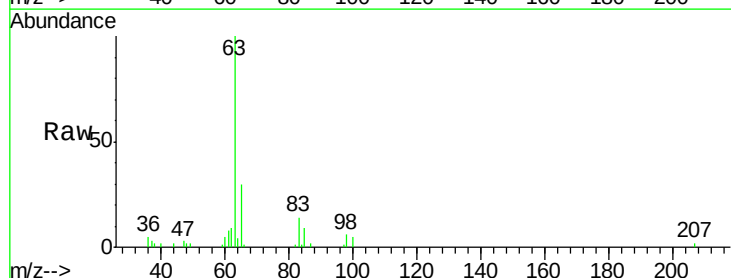
Tgt Ion: 63 Resp: 25513

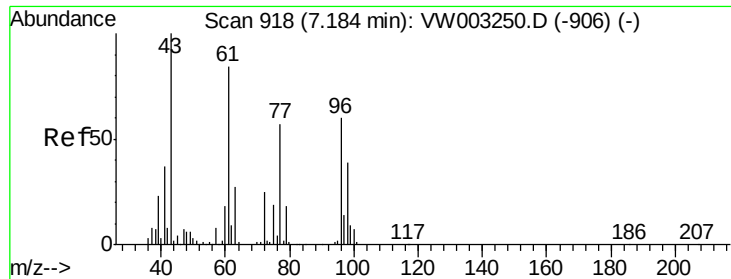
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.3

100 5.2 2.1 6.5





#25

2-Butanone

Concen: 25.246 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

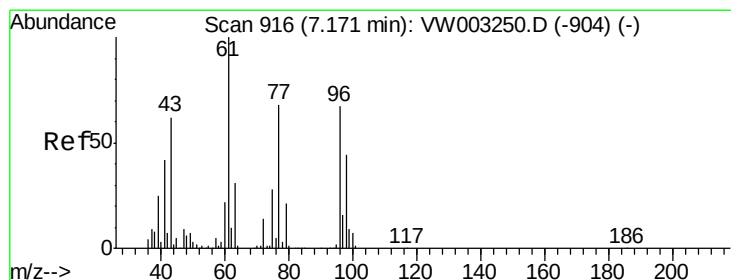
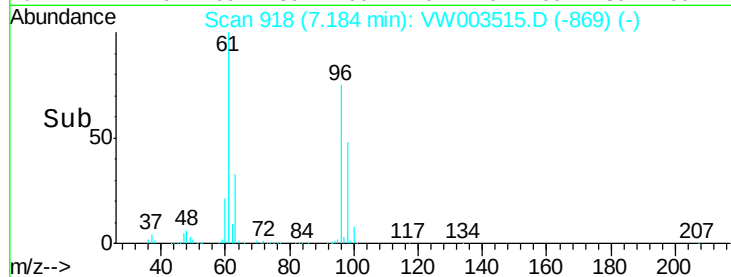
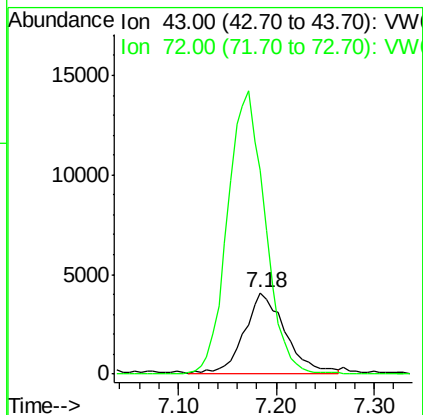
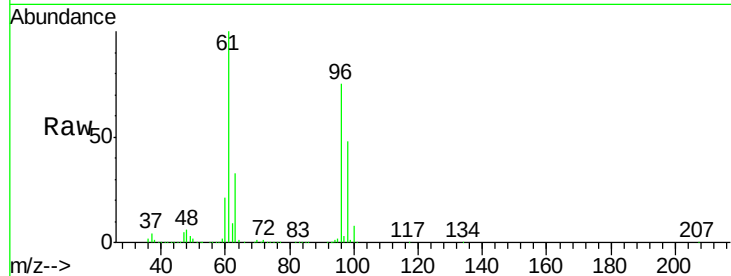
DUP-0483-180620

Tgt Ion: 43 Resp: 12019

Ion Ratio Lower Upper

43 100

72 250.4 20.3 30.5#



#27

cis-1,2-Dichloroethene

Concen: 1894.618 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

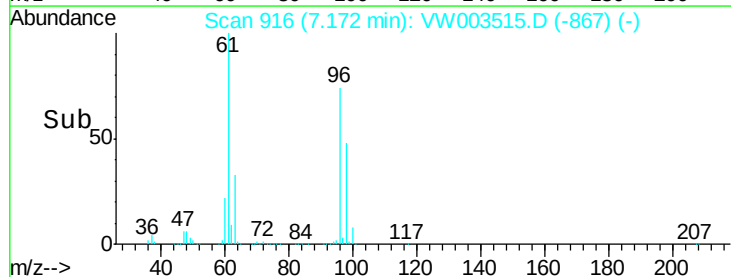
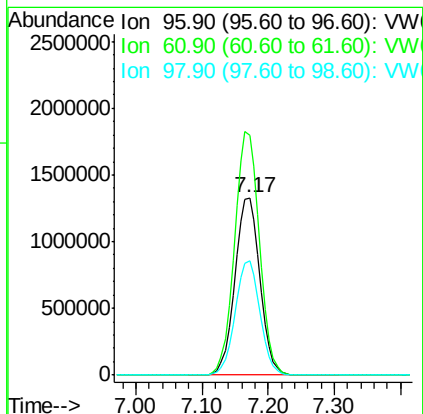
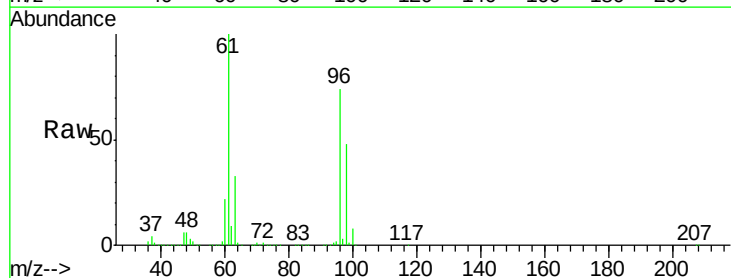
Tgt Ion: 96 Resp: 3455773

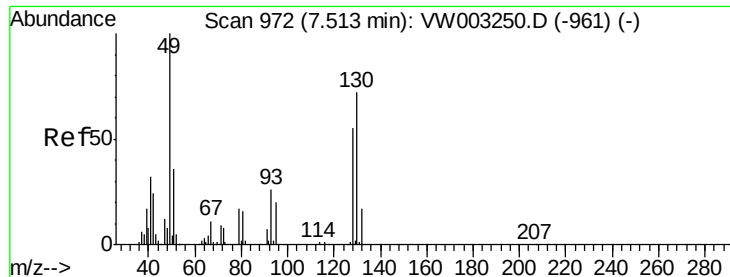
Ion Ratio Lower Upper

96 100

61 137.0 0.0 298.8

98 64.0 0.0 130.4

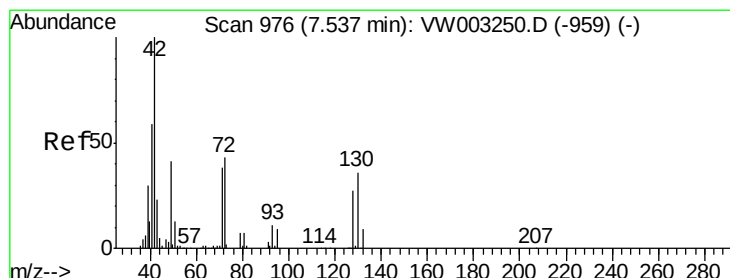
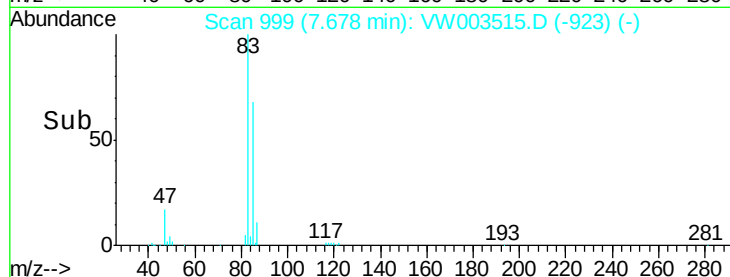
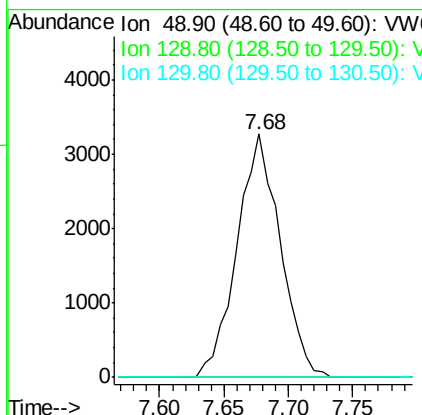
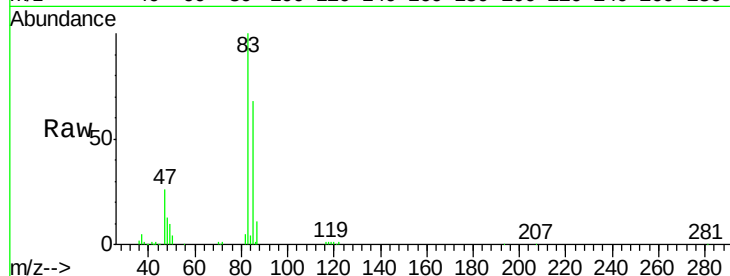




#28
 Bromochloromethane
 Concen: 5.795 ug/l
 RT: 7.68 min Scan# 999
 Delta R.T. 0.16 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

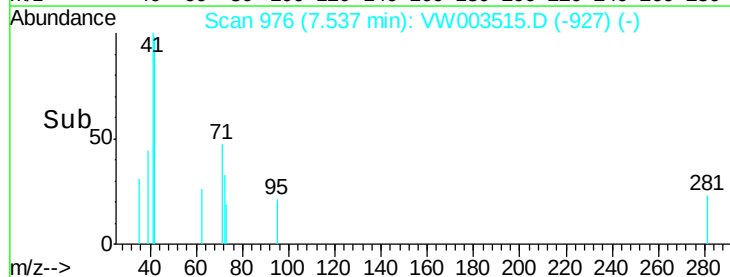
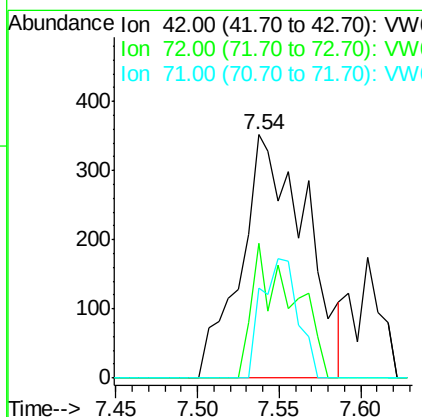
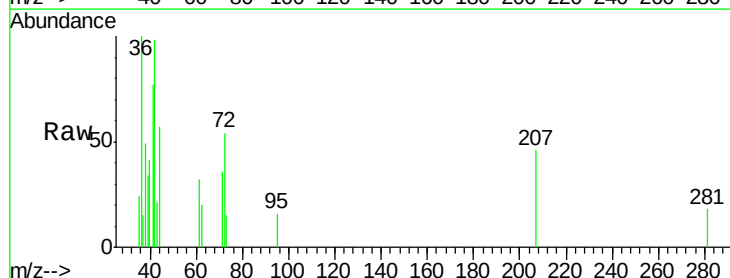
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

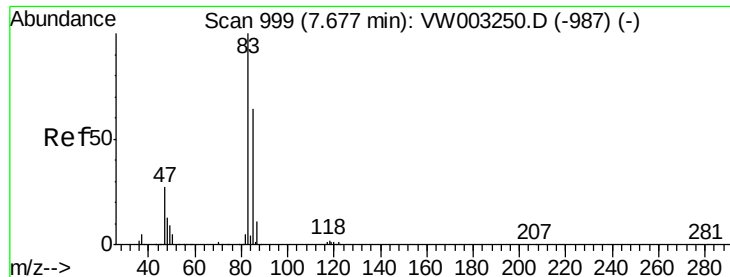
Tgt Ion: 49 Resp: 7614
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 59.4 89.2#



#29
 Tetrahydrofuran
 Concen: 3.368 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 42 Resp: 980
 Ion Ratio Lower Upper
 42 100
 72 34.7 32.4 48.6
 71 27.1 31.2 46.8#

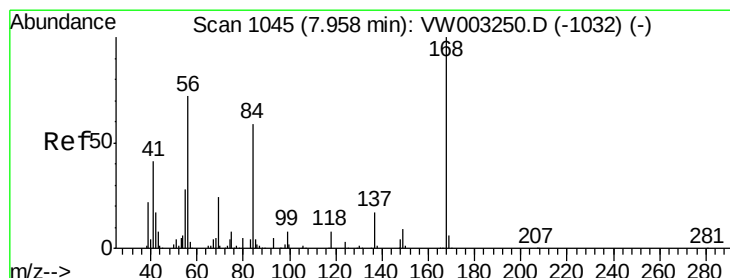
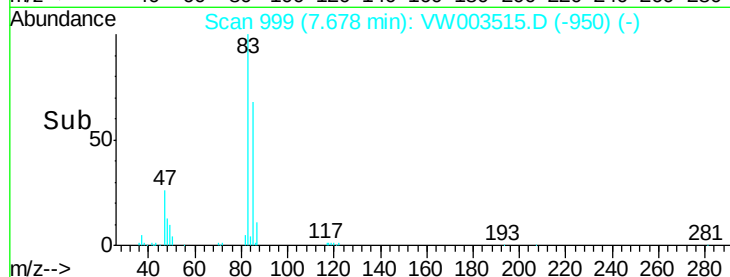
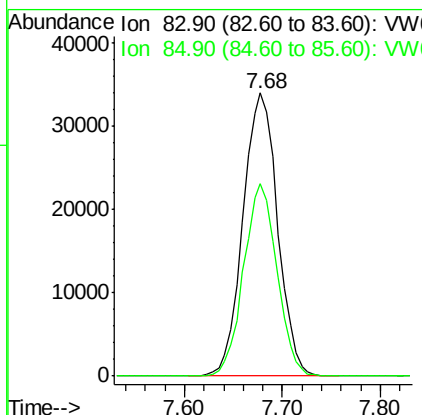
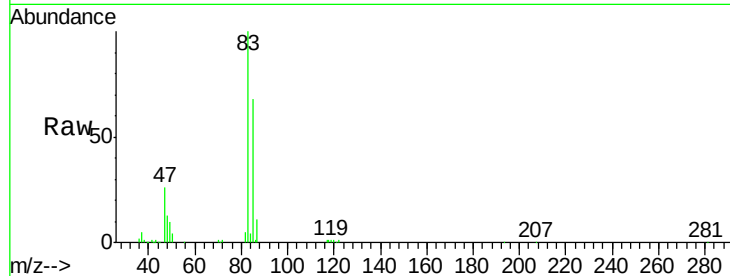




#30
Chloroform
Concen: 25.943 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

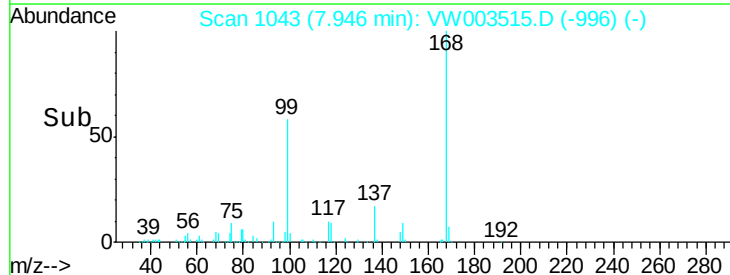
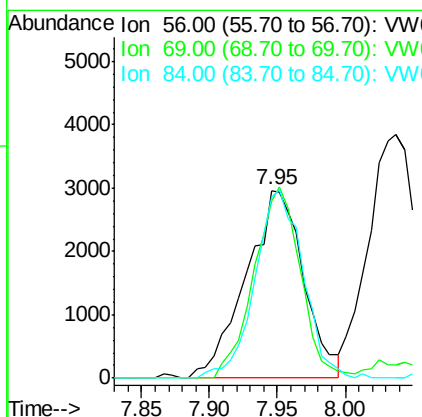
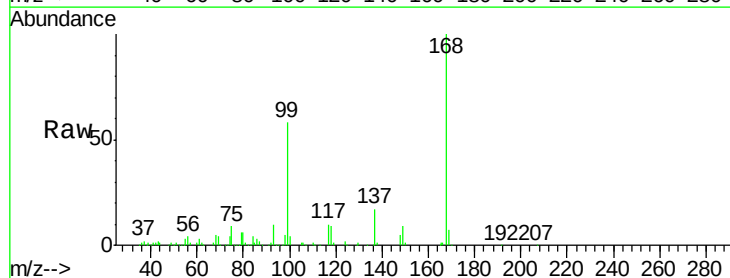
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

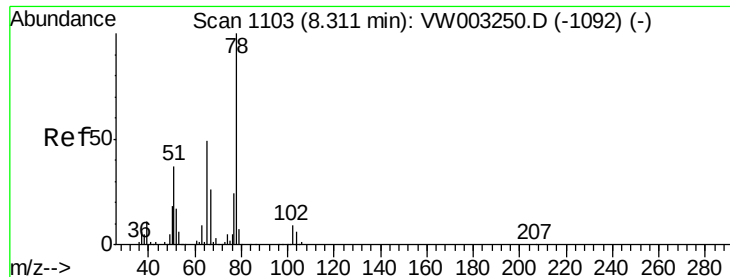
Tgt Ion: 83 Resp: 83453
Ion Ratio Lower Upper
83 100
85 67.9 51.3 76.9



#31
Cyclohexane
Concen: 2.975 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 56 Resp: 8775
Ion Ratio Lower Upper
56 100
69 94.0 26.3 39.5#
84 96.5 65.7 98.5

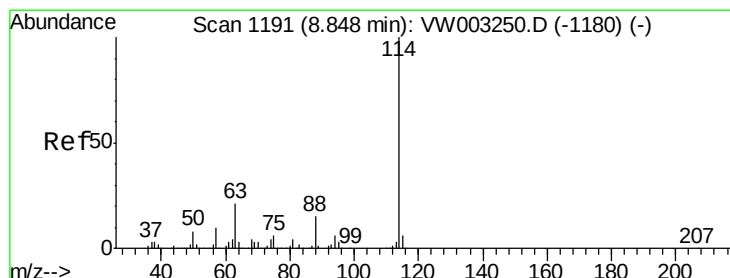
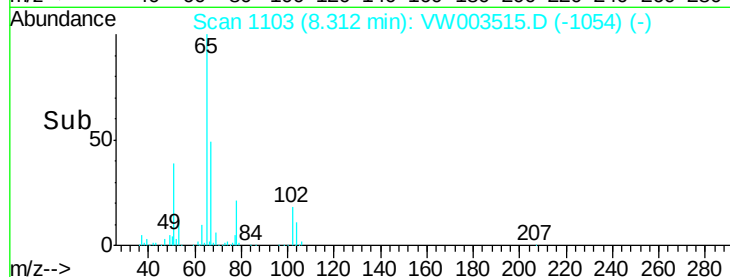
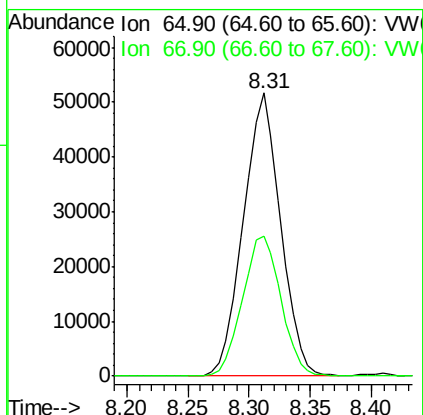
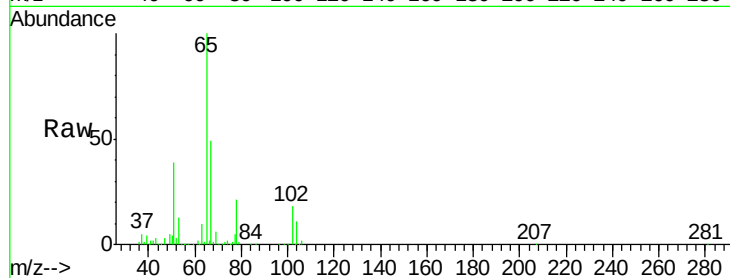




#33
 1,2-Dichloroethane-d4
 Concen: 60.073 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

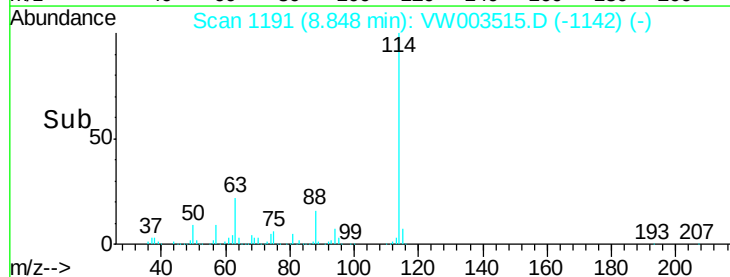
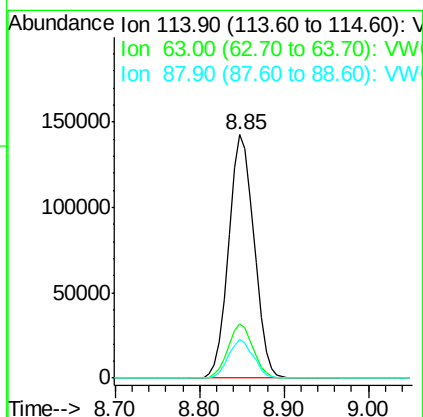
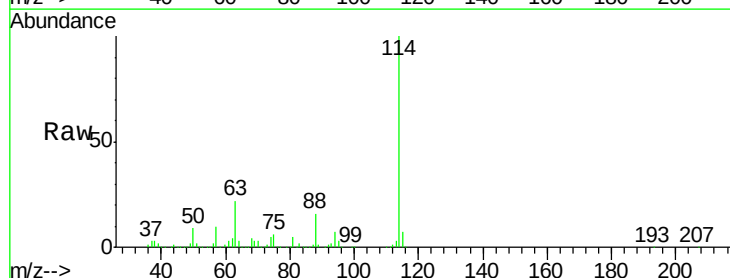
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

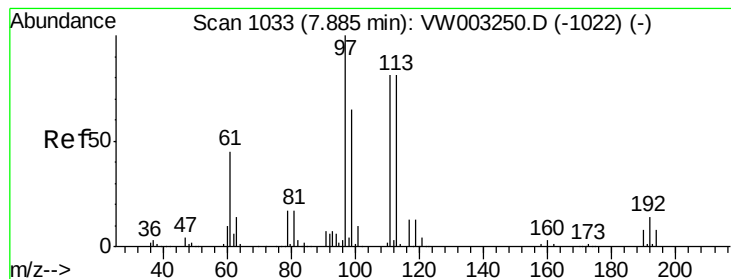
Tgt Ion: 65 Resp: 109662
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 114 Resp: 292075
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.808 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

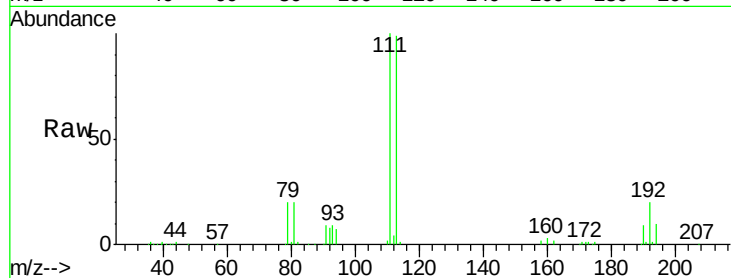
Tgt Ion:113 Resp: 92210

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

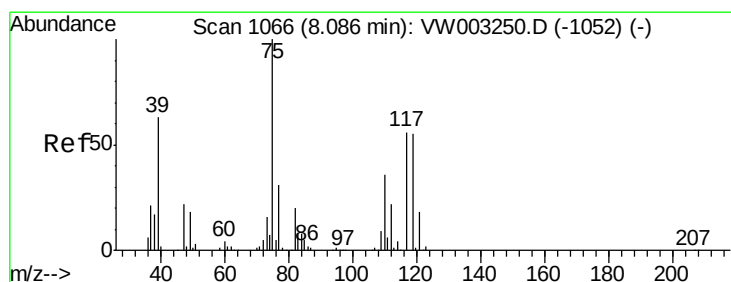
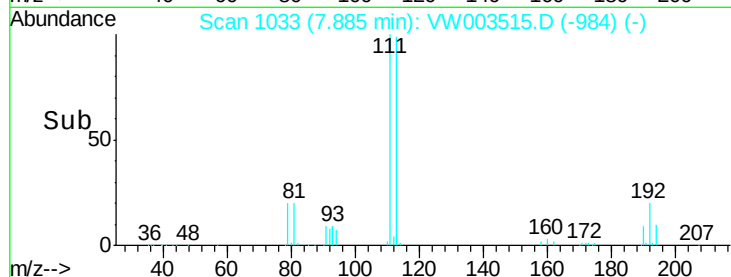
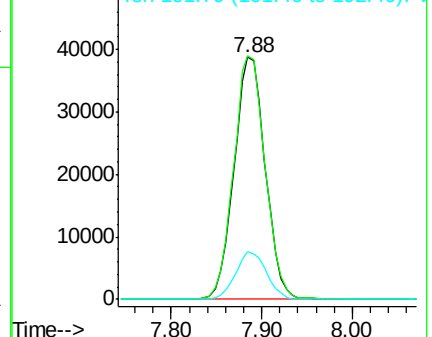
192 19.6 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.085 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

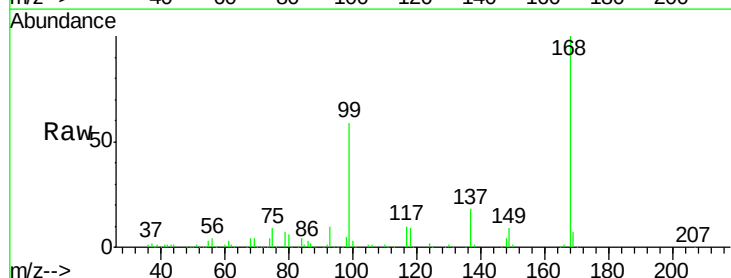
Tgt Ion: 75 Resp: 14342

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.3#

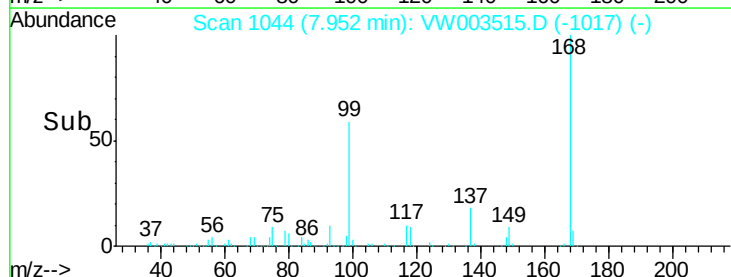
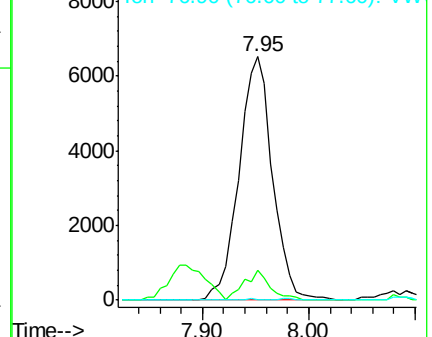
77 0.0 24.9 37.3#

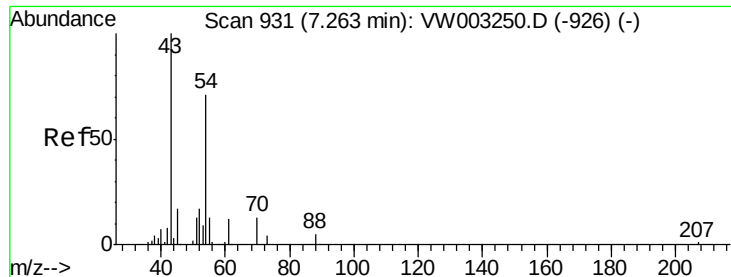


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 10.285 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.08 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

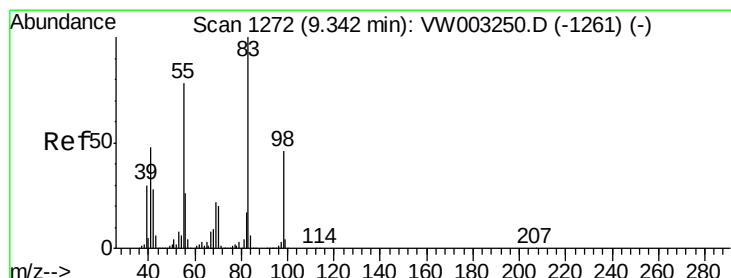
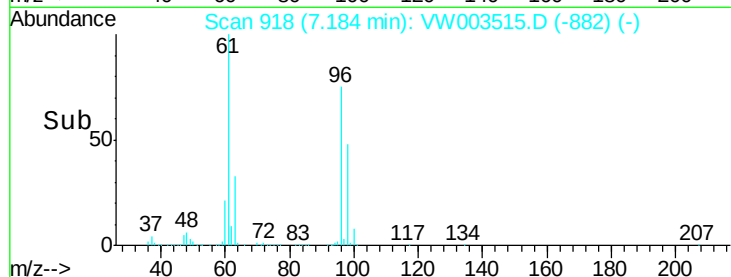
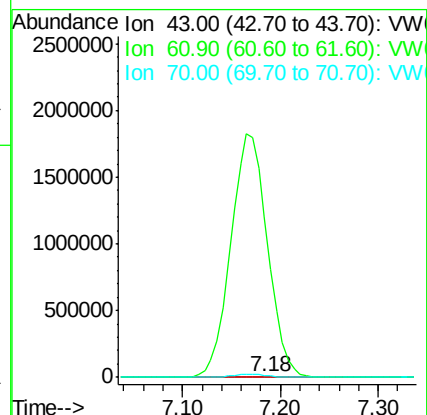
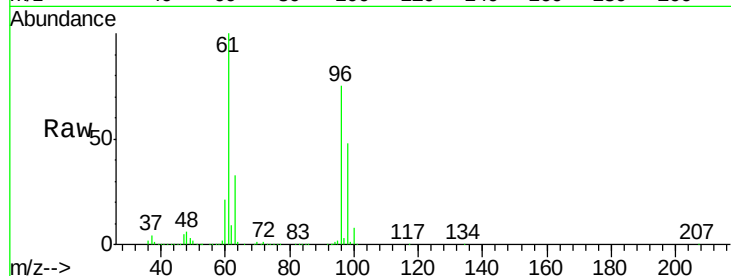
Tgt Ion: 43 Resp: 12019

Ion Ratio Lower Upper

43 100

61 39397.2 10.8 16.2#

70 442.4 7.8 11.6#



#39

Methylcyclohexane

Concen: 207.895 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.25 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

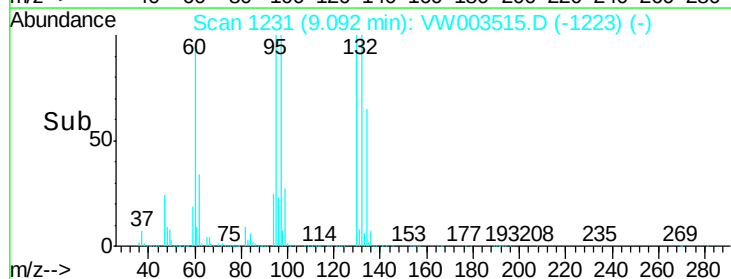
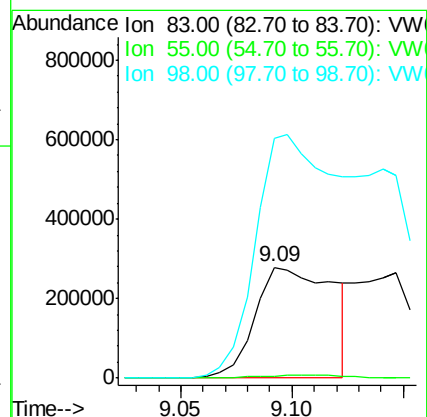
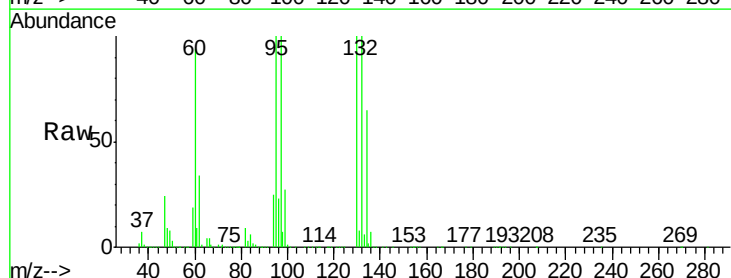
Tgt Ion: 83 Resp: 678518

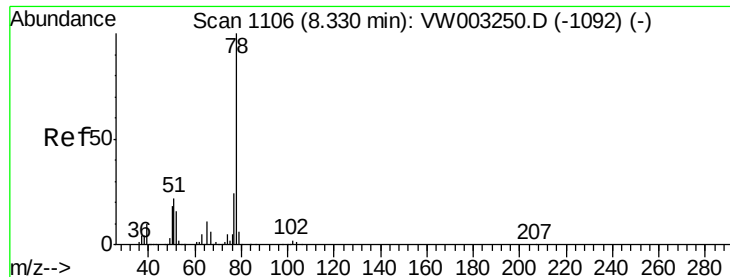
Ion Ratio Lower Upper

83 100

55 1.7 62.6 93.8#

98 216.1 37.0 55.4#





#40

Benzene

Concen: 5.618 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

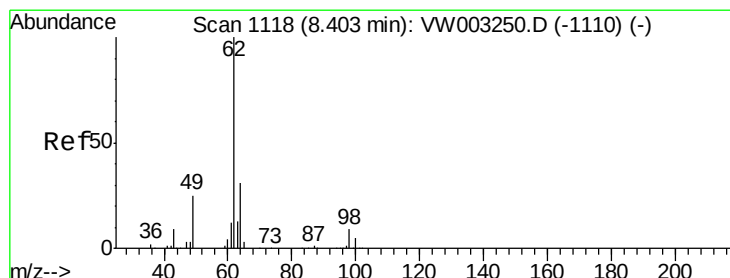
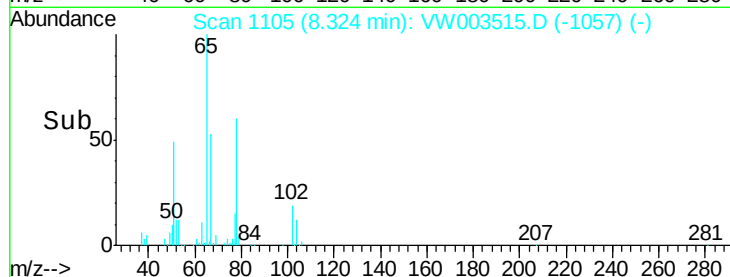
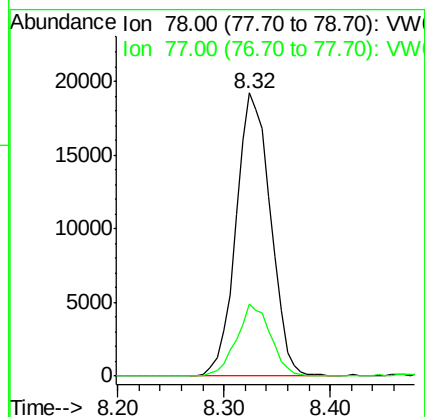
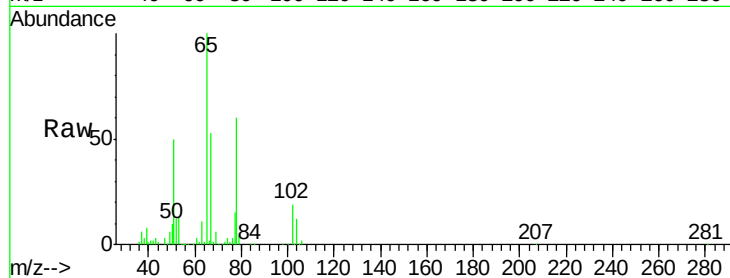
DUP-0483-180620

Tgt Ion: 78 Resp: 43679

Ion Ratio Lower Upper

78 100

77 25.4 19.0 28.6



#42

1,2-Dichloroethane

Concen: 5.996 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003515.D

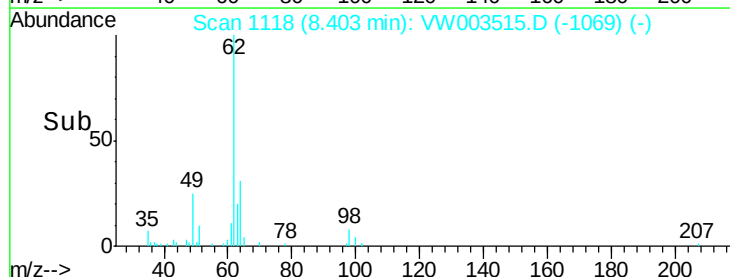
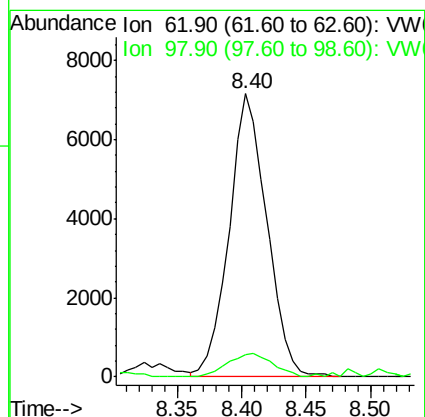
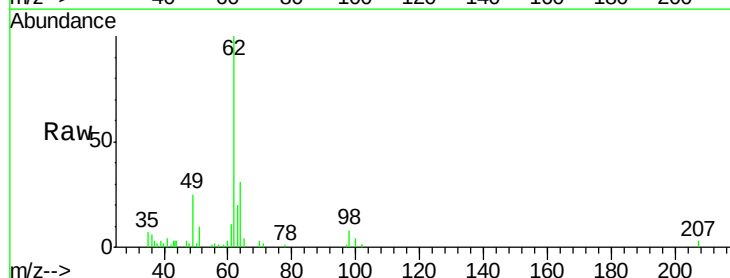
Acq: 24 Jun 2018 17:14

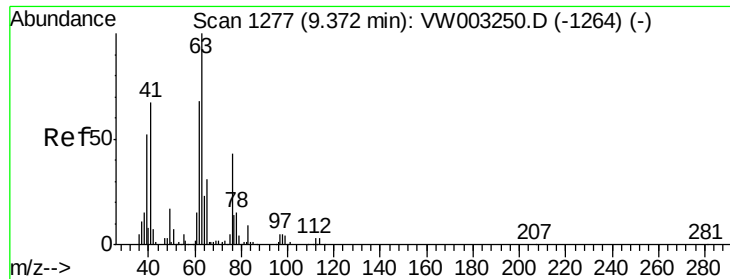
Tgt Ion: 62 Resp: 14605

Ion Ratio Lower Upper

62 100

98 9.8 0.0 17.2

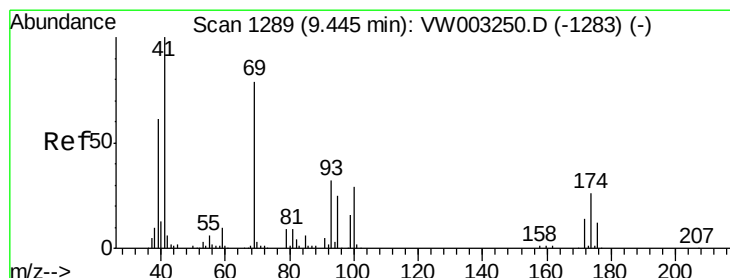
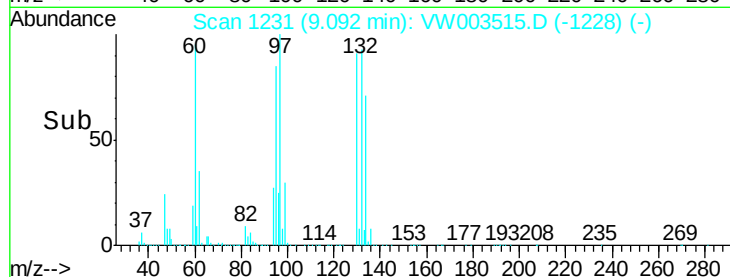
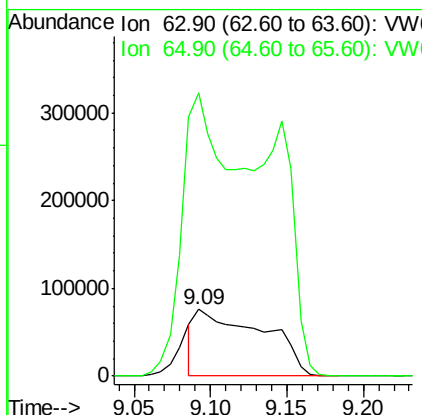
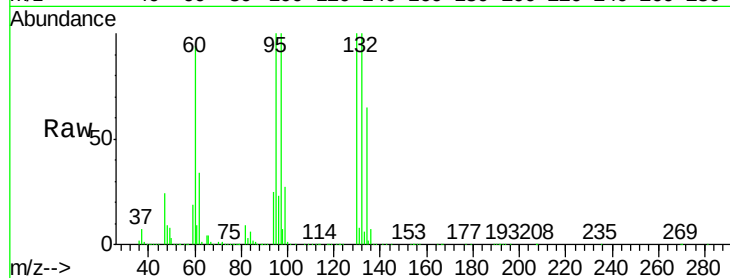




#45
 1,2-Dichloropropane
 Concen: 117.526 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.28 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

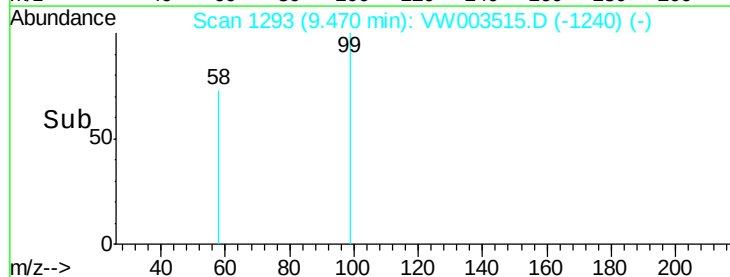
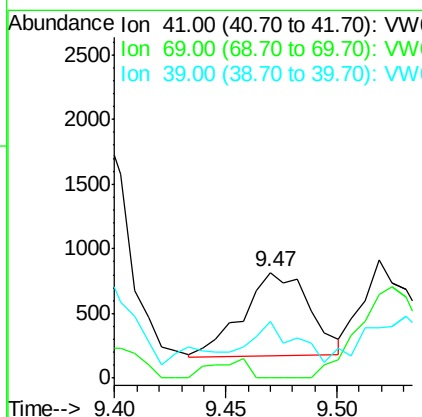
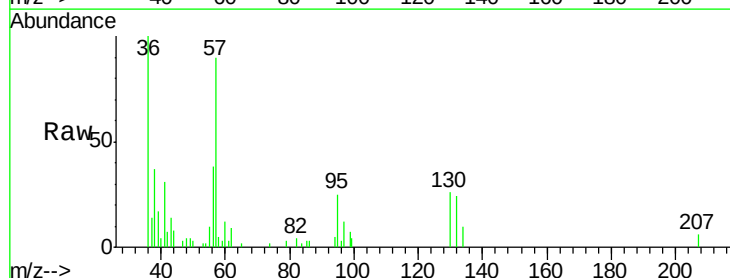
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

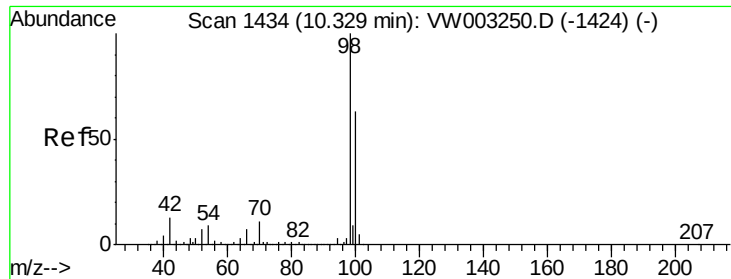
Tgt Ion: 63 Resp: 232659
 Ion Ratio Lower Upper
 63 100
 65 424.3 25.1 37.7#



#48
 Methyl methacrylate
 Concen: 1.233 ug/l
 RT: 9.47 min Scan# 1293
 Delta R.T. 0.02 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 41 Resp: 1345
 Ion Ratio Lower Upper
 41 100
 69 0.0 65.4 98.2#
 39 0.0 54.2 81.2#





#50

Toluene-d8

Concen: 44.697 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

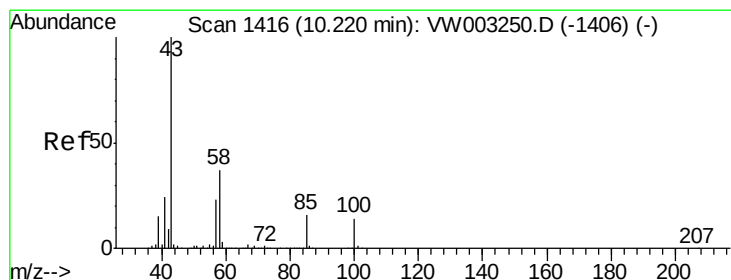
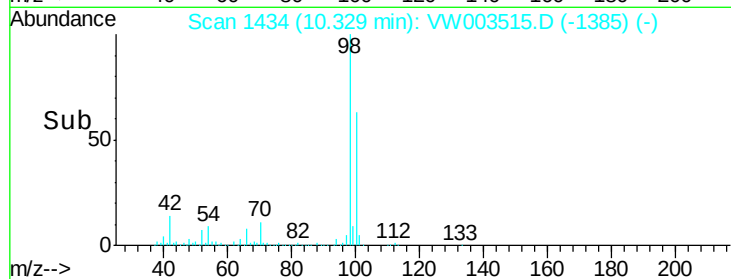
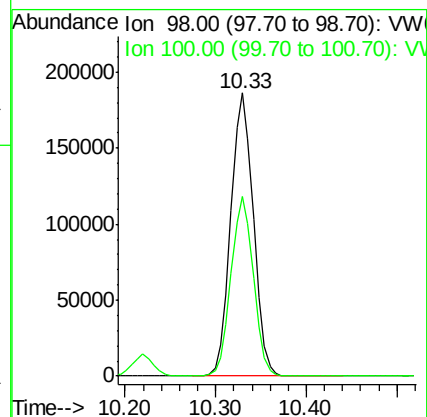
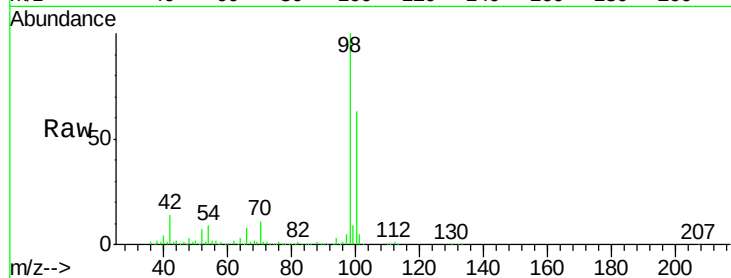
DUP-0483-180620

Tgt Ion: 98 Resp: 321655

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 148.754 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003515.D

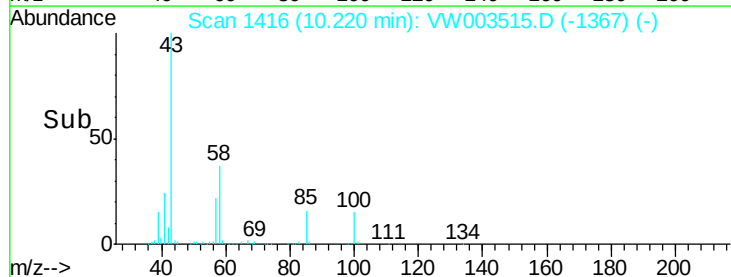
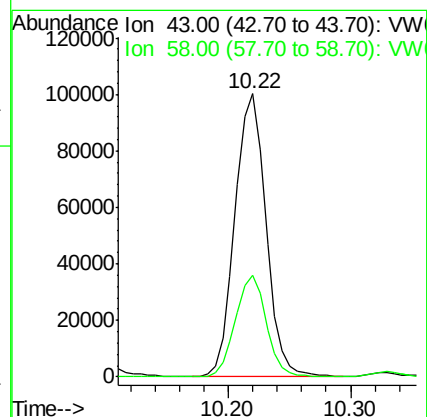
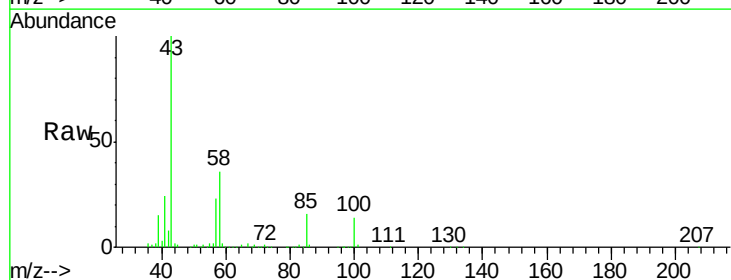
Acq: 24 Jun 2018 17:14

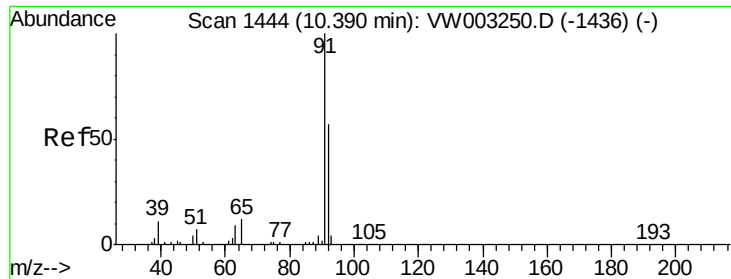
Tgt Ion: 43 Resp: 175874

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.4





#52

Toluene

Concen: 1027.633 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

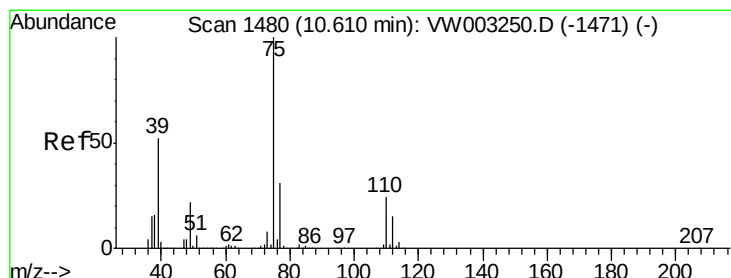
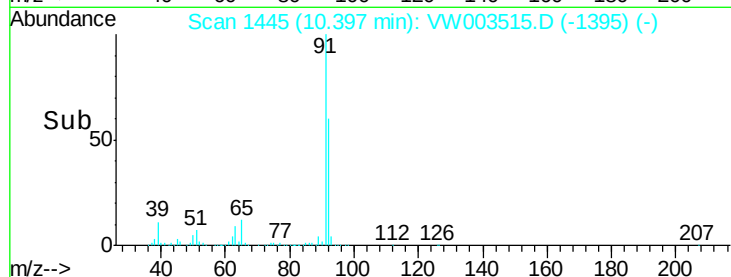
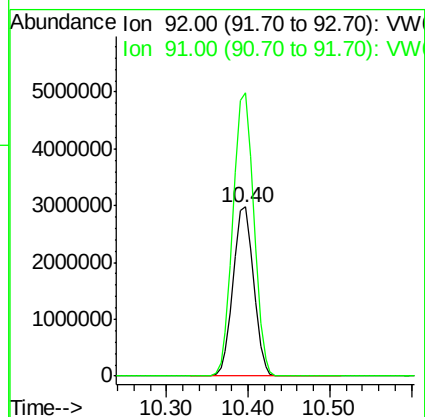
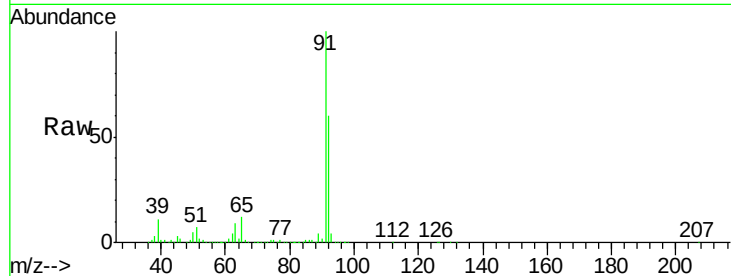
DUP-0483-180620

Tgt Ion: 92 Resp: 5123603

Ion Ratio Lower Upper

92 100

91 170.5 141.1 211.7



#53

t-1,3-Dichloropropene

Concen: 24.047 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.21 min

Lab File: VW003515.D

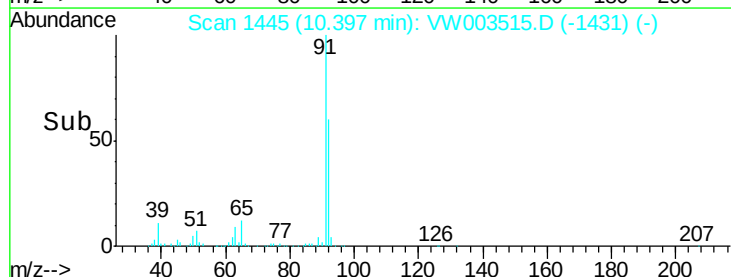
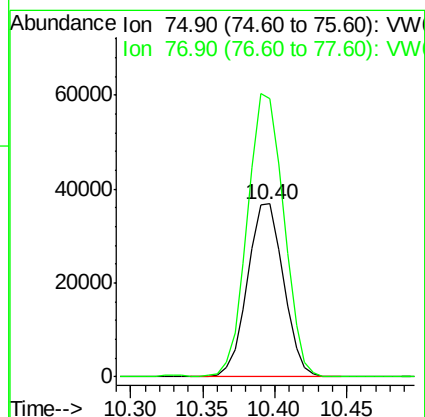
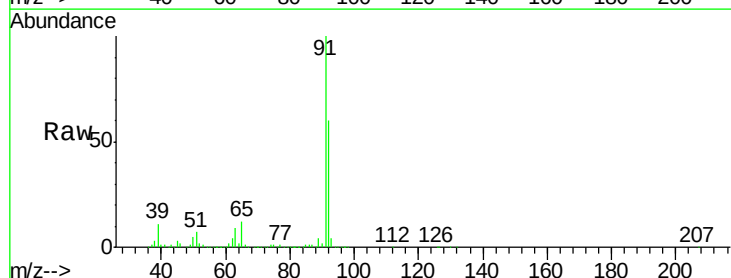
Acq: 24 Jun 2018 17:14

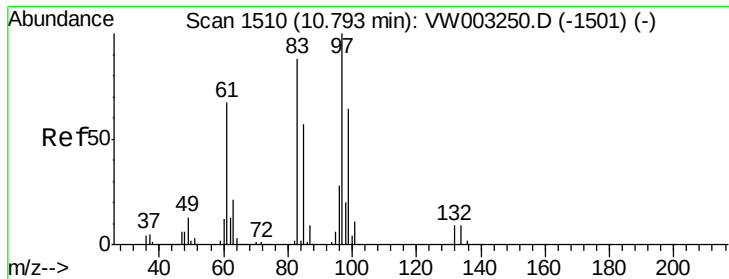
Tgt Ion: 75 Resp: 63817

Ion Ratio Lower Upper

75 100

77 161.3 24.9 37.3#

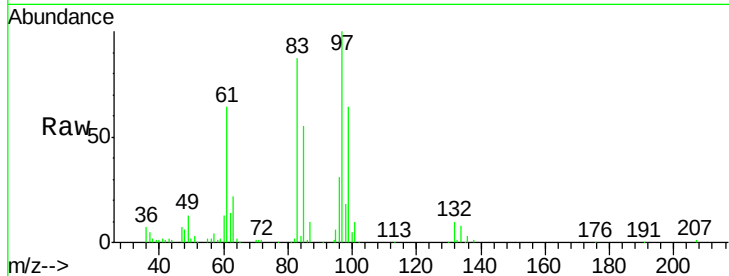




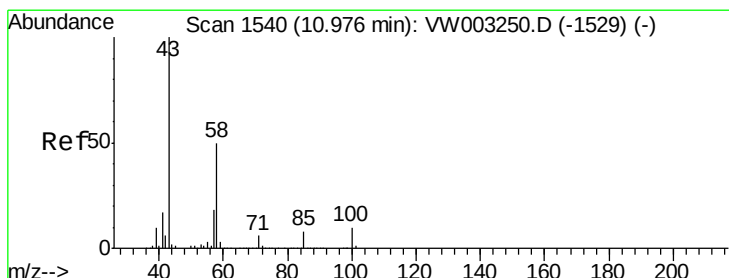
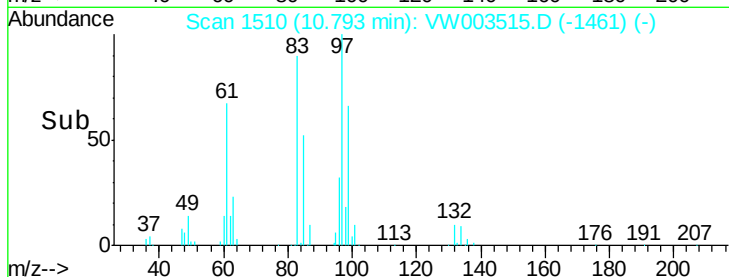
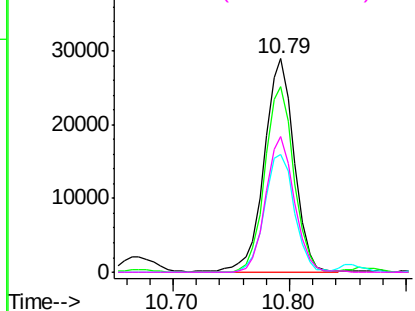
#55
 1,1,2-Trichloroethane
 Concen: 36.165 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tgt Ion: 97 Resp: 51651
 Ion Ratio Lower Upper
 97 100
 83 87.4 70.2 105.2
 85 55.2 45.6 68.4
 99 63.7 51.2 76.8

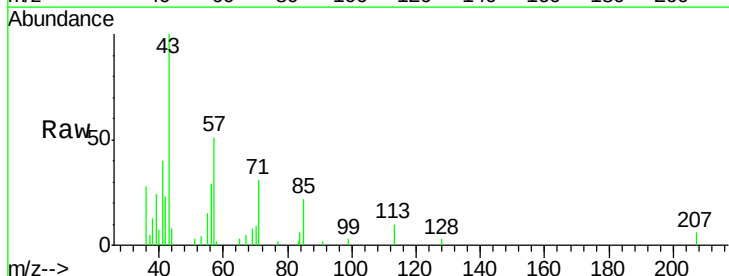


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

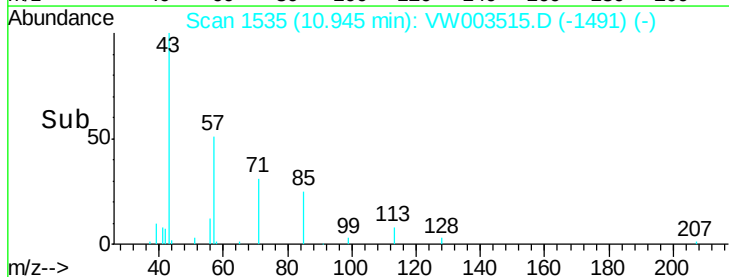
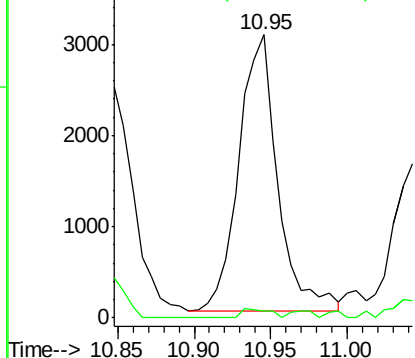


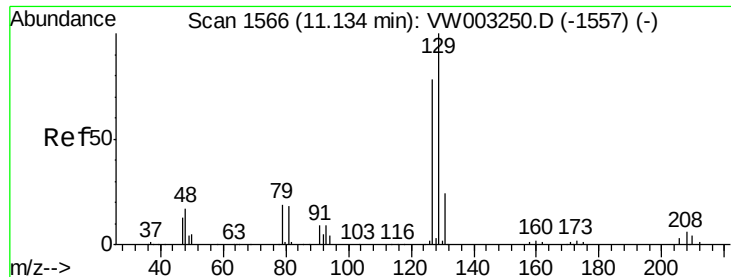
#59
 2-Hexanone
 Concen: 6.481 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.03 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 43 Resp: 5353
 Ion Ratio Lower Upper
 43 100
 58 2.4 25.0 75.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

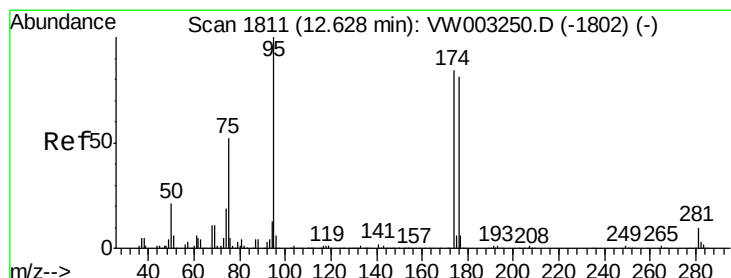
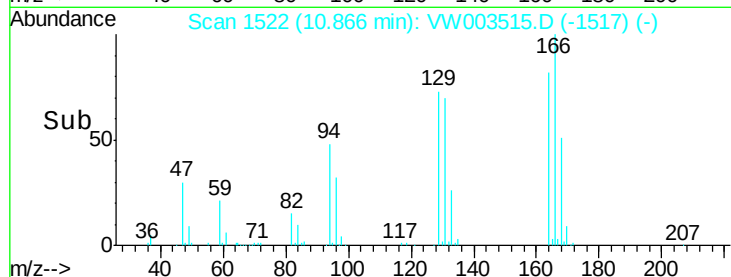
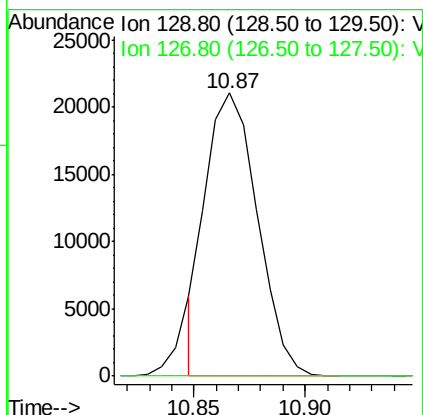
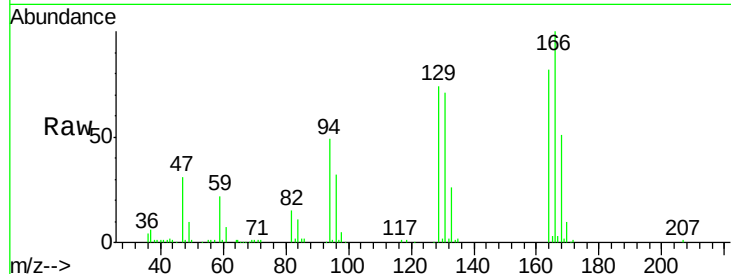




#60
 Dibromochloromethane
 Concen: 20.080 ug/l
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.27 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

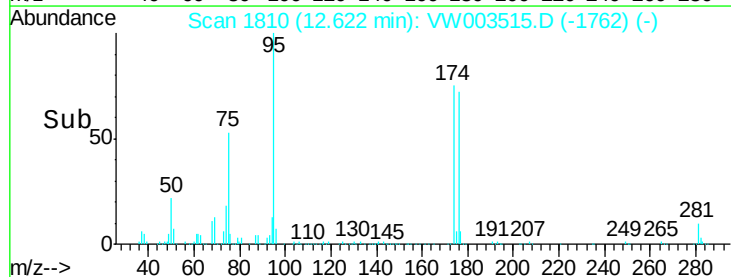
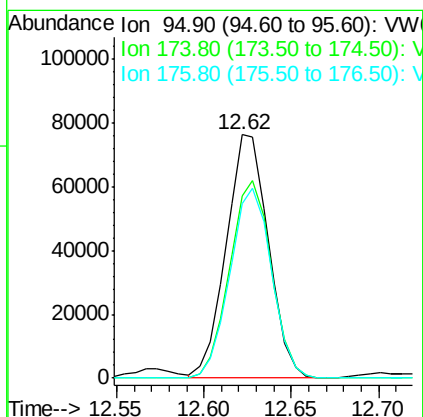
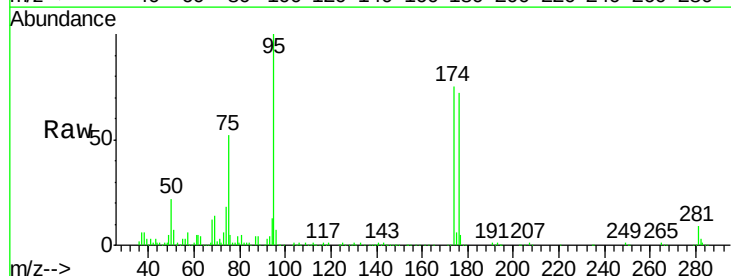
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

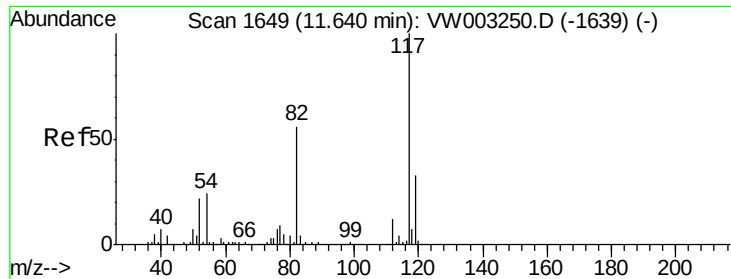
Tgt Ion: 129 Resp: 34105
 Ion Ratio Lower Upper
 129 100
 127 0.2 39.1 117.5#



#62
 4-Bromofluorobenzene
 Concen: 49.863 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 95 Resp: 126988
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 166.4
 176 77.6 0.0 162.0

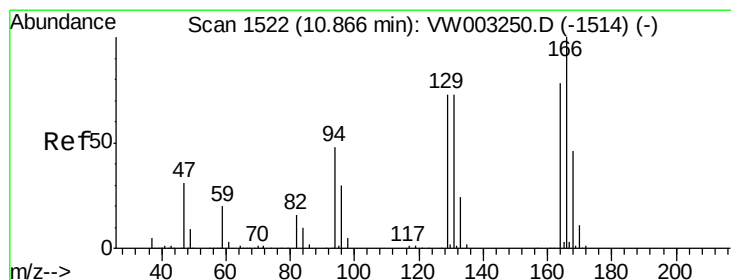
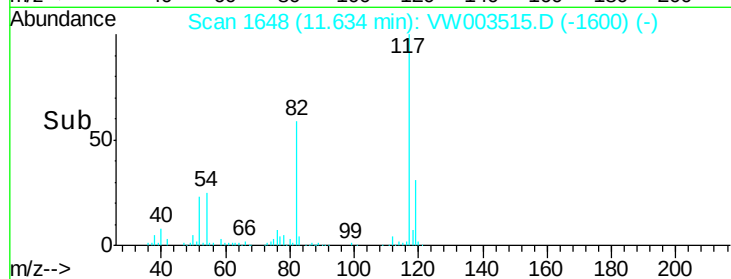
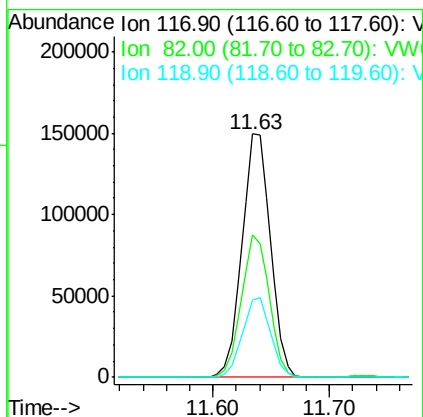
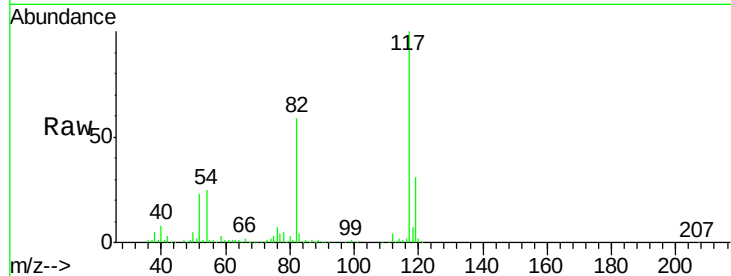




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

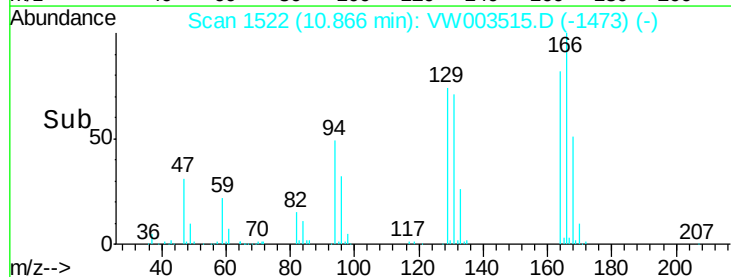
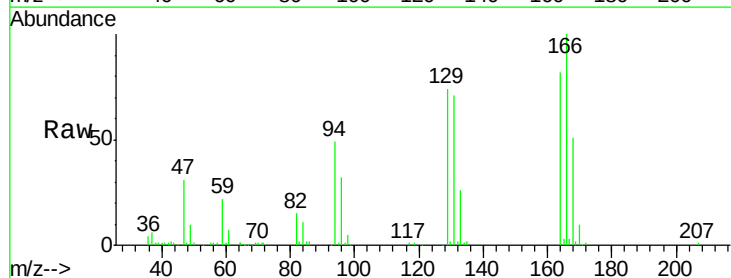
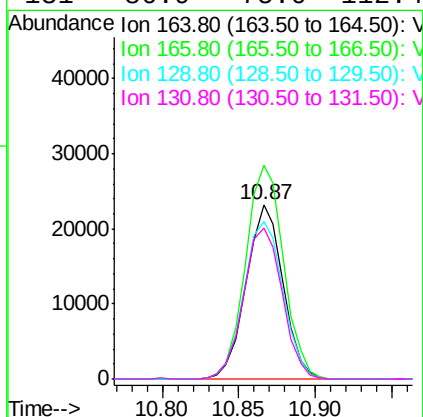
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

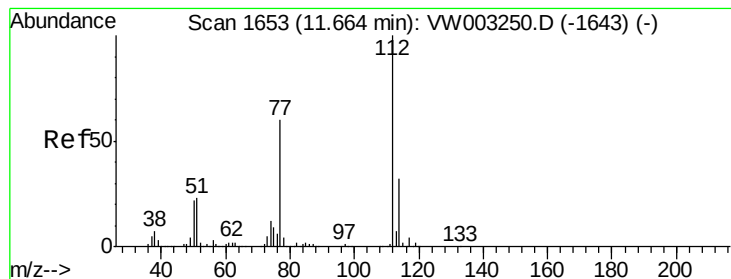
Tgt Ion:117 Resp: 255822
Ion Ratio Lower Upper
117 100
82 58.7 44.6 67.0
119 31.5 26.7 40.1



#64
Tetrachloroethene
Concen: 22.628 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion:164 Resp: 38719
Ion Ratio Lower Upper
164 100
166 122.6 102.6 154.0
129 90.7 75.2 112.8
131 86.9 75.0 112.4





#65

Chlorobenzene

Concen: 63.178 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

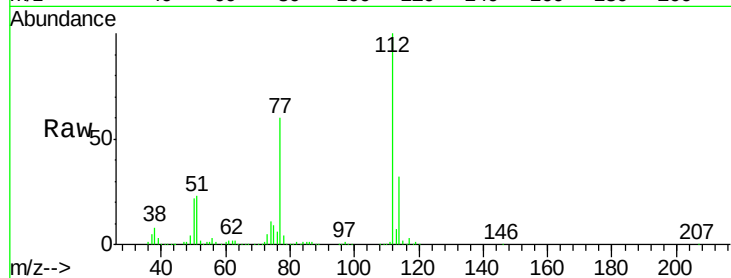
DUP-0483-180620

Tgt Ion: 112 Resp: 336566

Ion Ratio Lower Upper

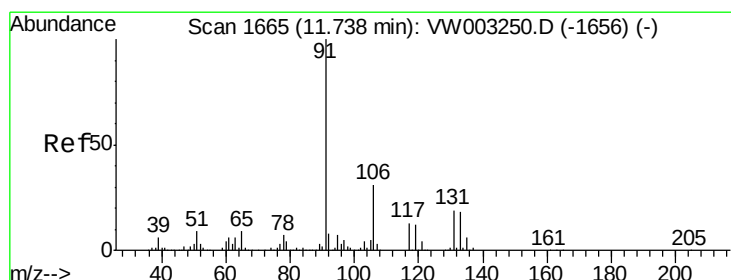
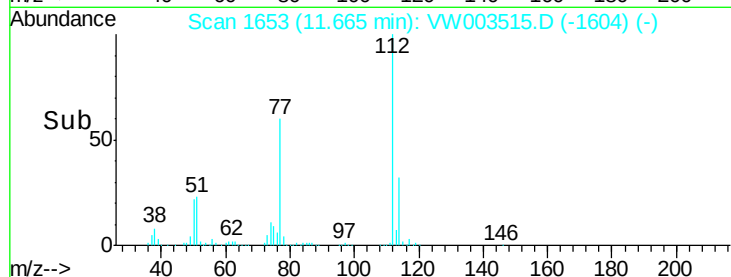
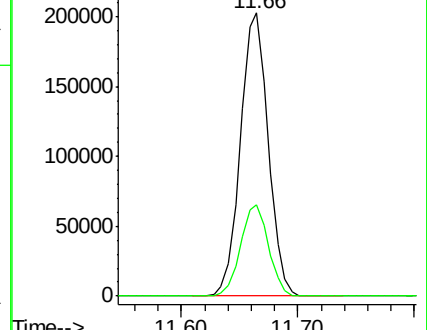
112 100

114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 5.657 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003515.D

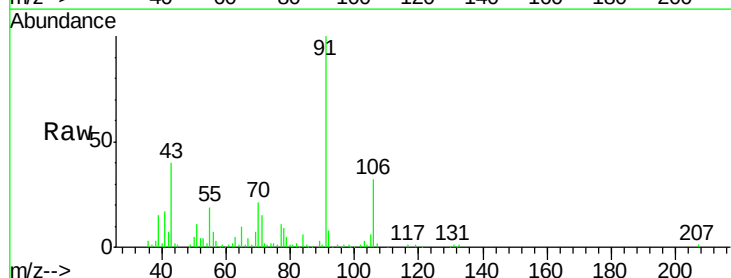
Acq: 24 Jun 2018 17:14

Tgt Ion: 91 Resp: 53419

Ion Ratio Lower Upper

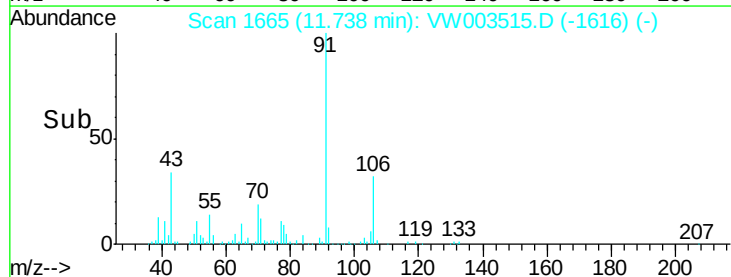
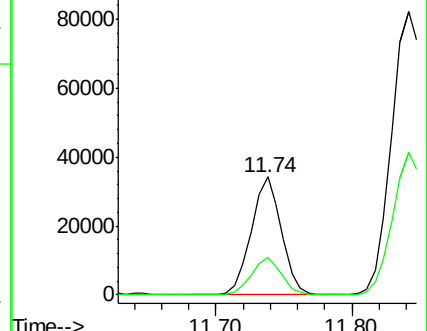
91 100

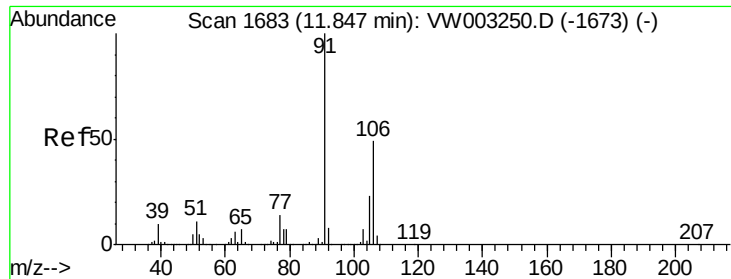
106 32.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

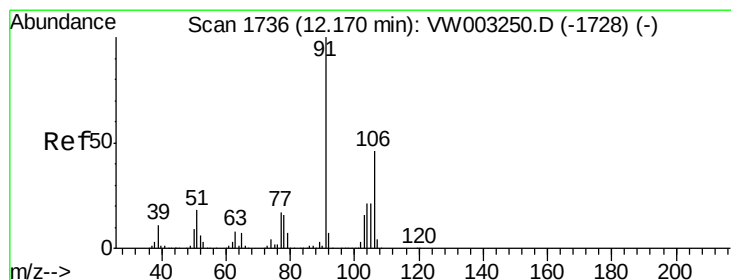
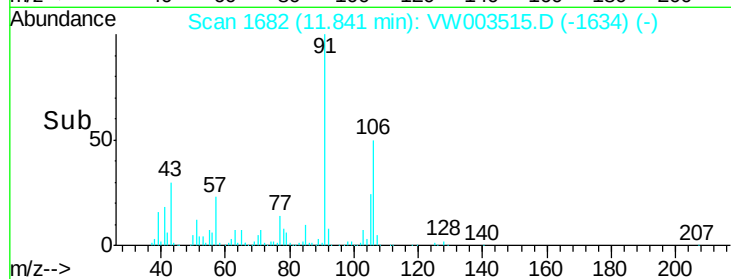
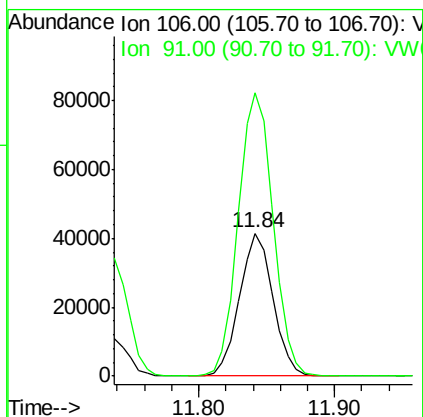
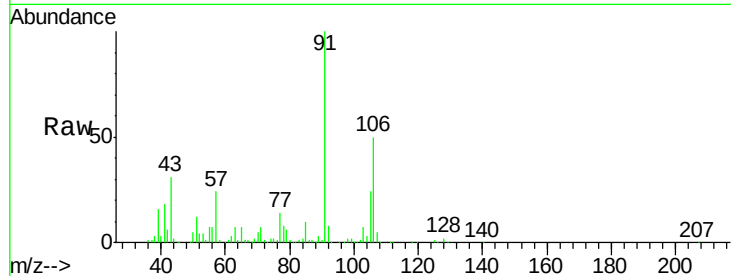




#68
m/p-Xylenes
Concen: 19.922 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

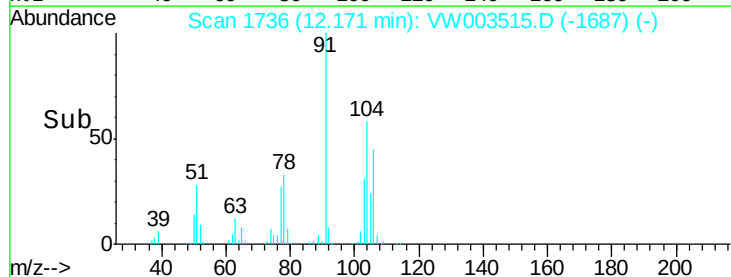
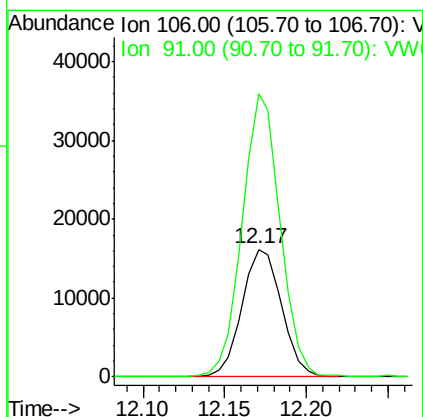
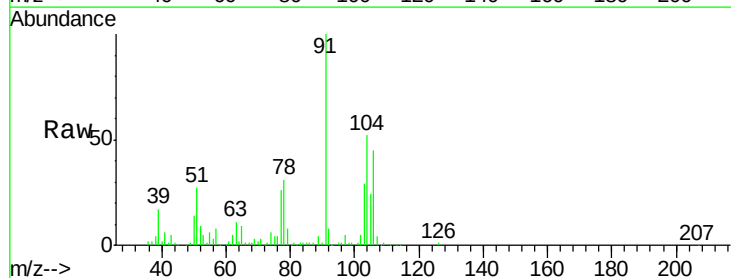
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

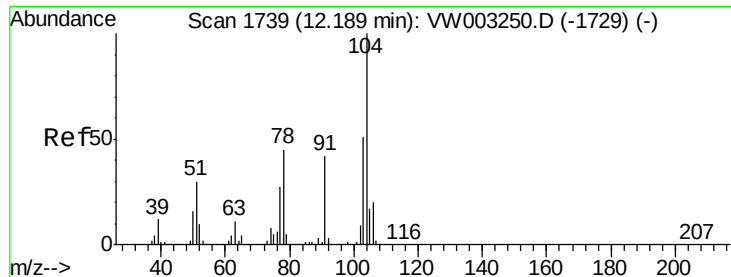
Tgt Ion:106 Resp: 71515
Ion Ratio Lower Upper
106 100
91 206.2 165.4 248.0



#69
o-Xylene
Concen: 8.190 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion:106 Resp: 27247
Ion Ratio Lower Upper
106 100
91 213.9 108.6 325.6





#70

Styrene

Concen: 19.305 ug/l

RT: 12.19 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

DUP-0483-180620

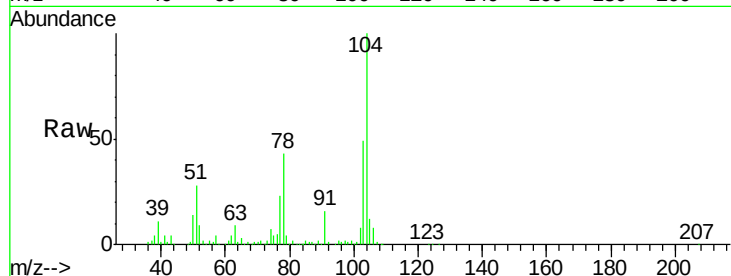
Tgt Ion:104 Resp: 106904

Ion Ratio Lower Upper

104 100

78 47.7 41.3 61.9

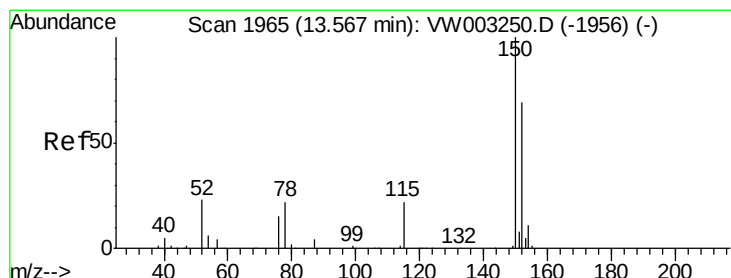
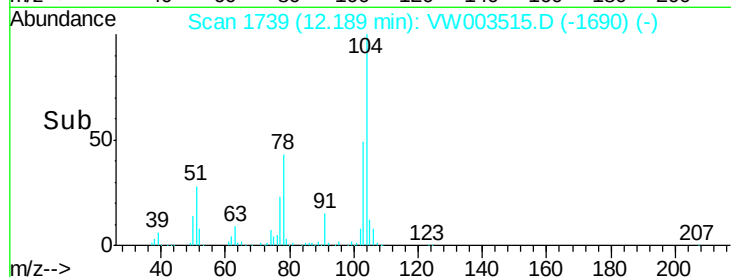
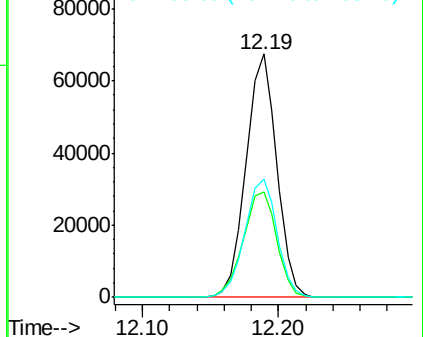
103 51.4 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

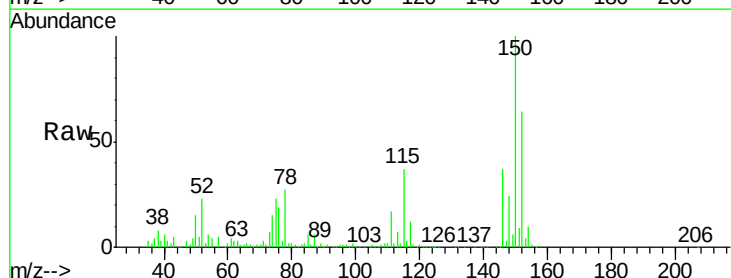
Tgt Ion:152 Resp: 131007

Ion Ratio Lower Upper

152 100

115 60.6 29.3 88.0

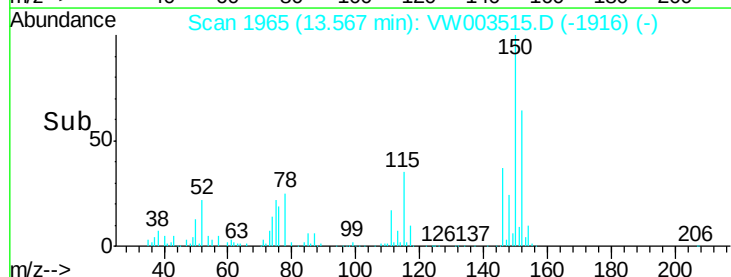
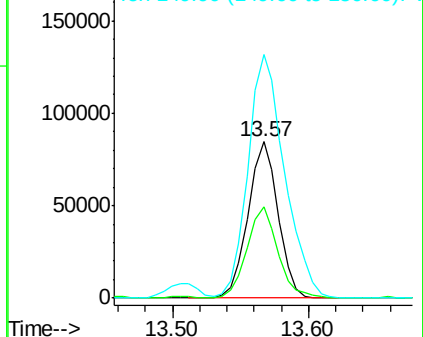
150 189.1 0.0 349.6

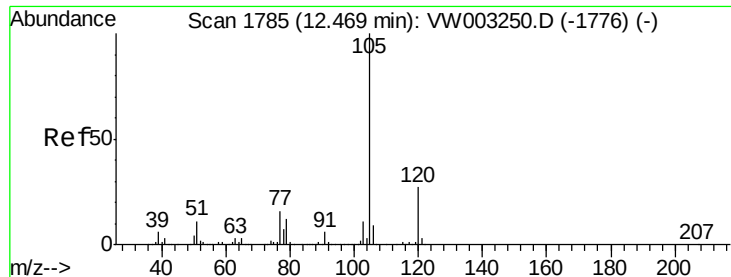


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.218 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

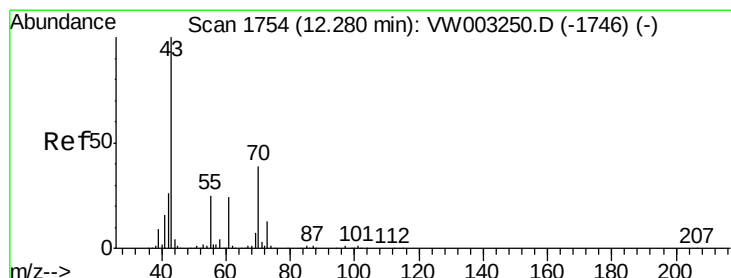
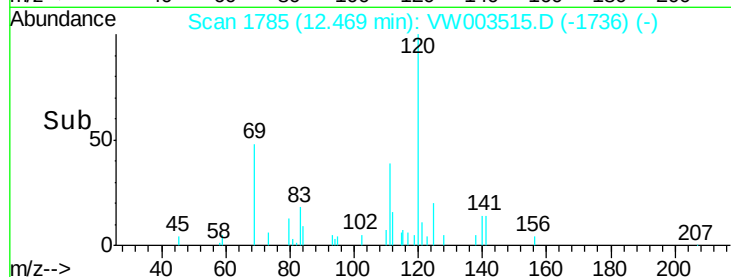
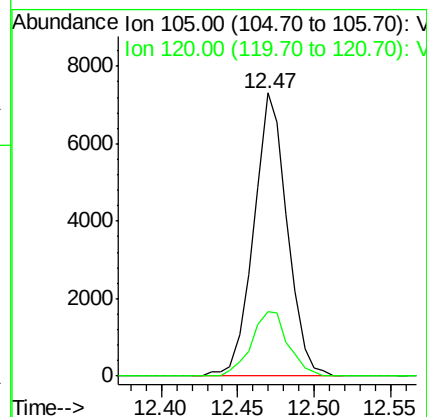
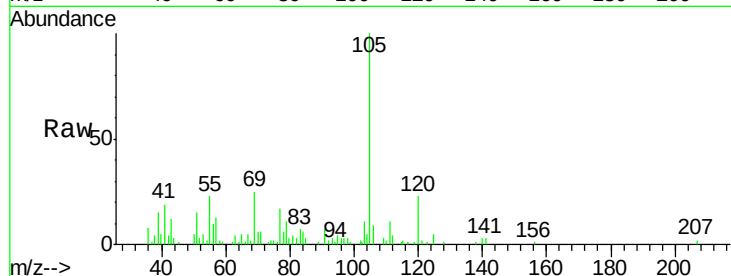
DUP-0483-180620

Tgt Ion: 105 Resp: 11100

Ion Ratio Lower Upper

105 100

120 25.1 13.2 39.6



#74

N-ethyl acetate

Concen: 4.912 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Tgt Ion: 43 Resp: 10187

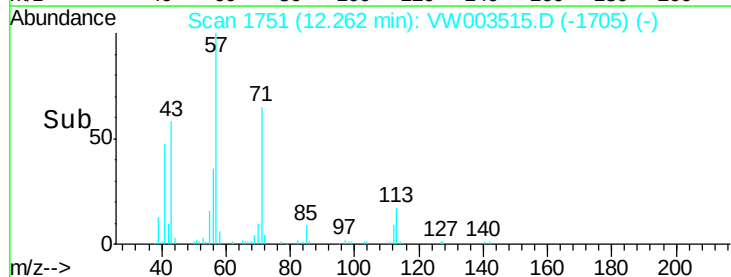
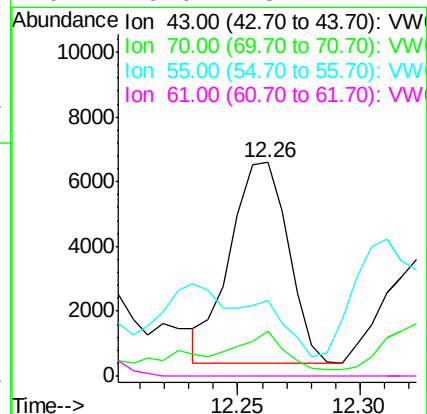
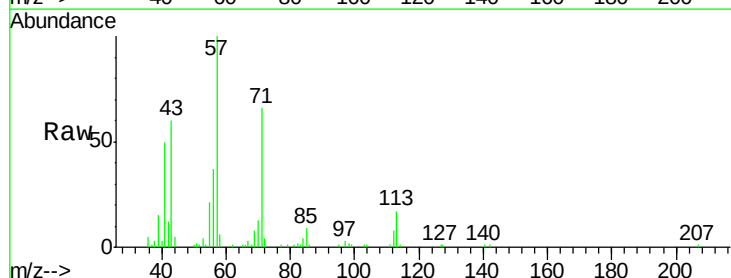
Ion Ratio Lower Upper

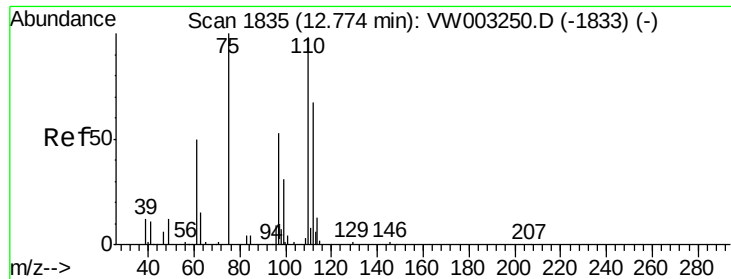
43 100

70 24.2 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

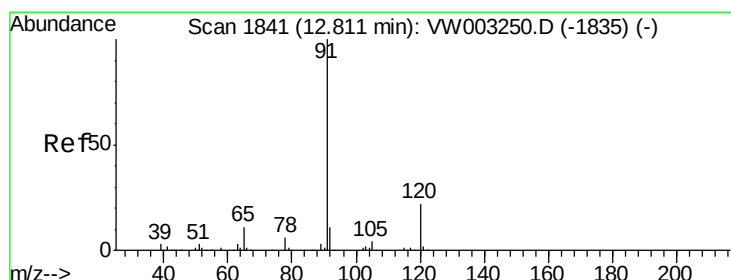
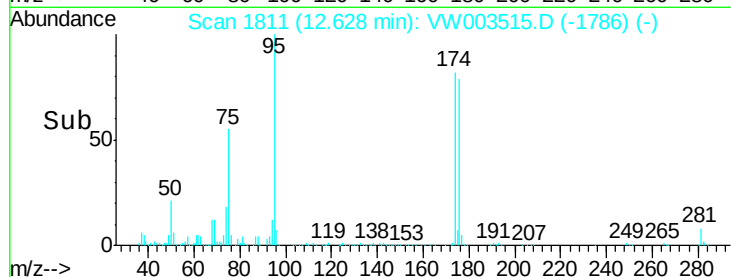
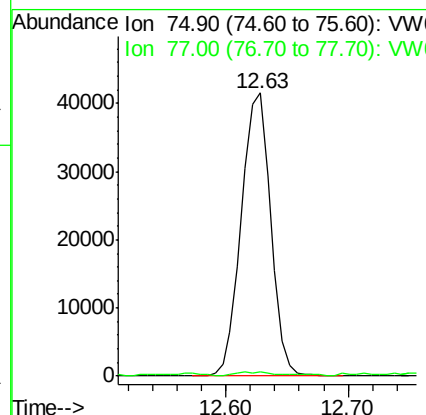
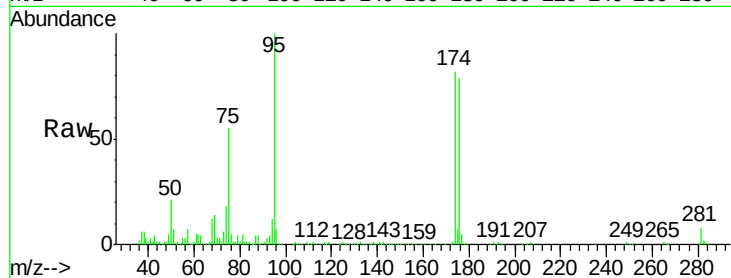




#76
1,2,3-Trichloropropane
Concen: 61.862 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

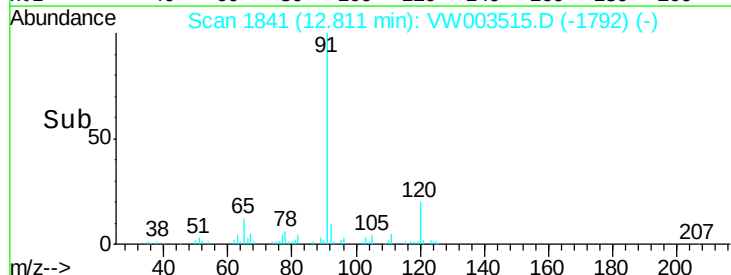
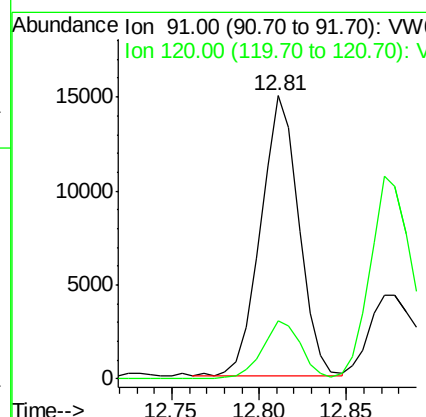
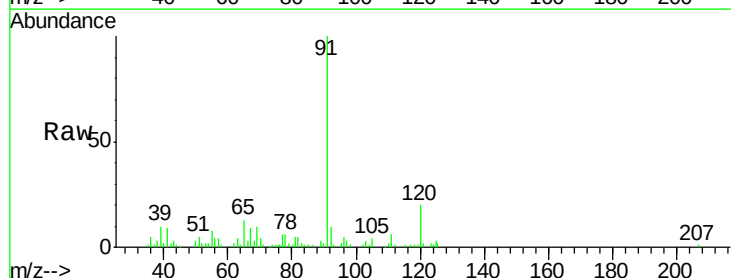
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

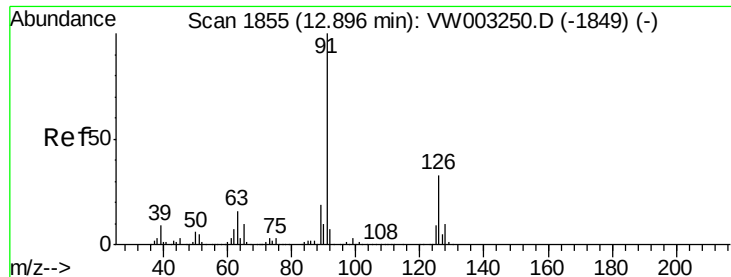
Tgt Ion: 75 Resp: 69283
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#78
n-propylbenzene
Concen: 2.029 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 91 Resp: 22636
Ion Ratio Lower Upper
91 100
120 20.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 1.189 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: VW003515.D

Acq: 24 Jun 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

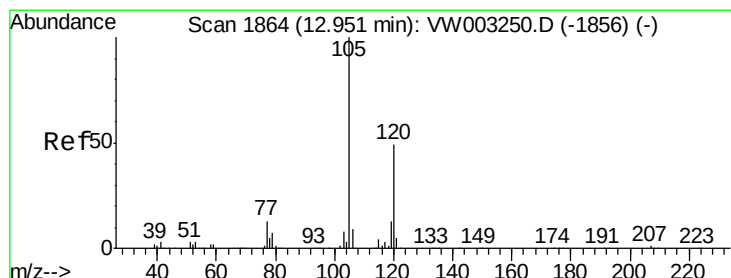
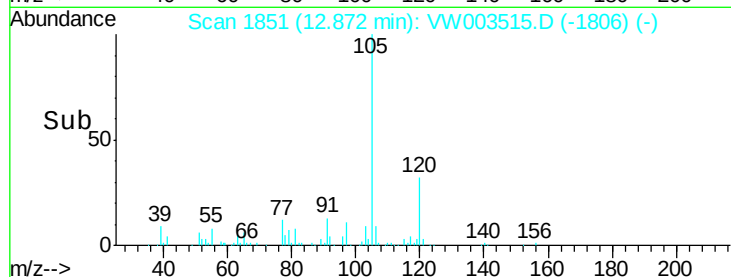
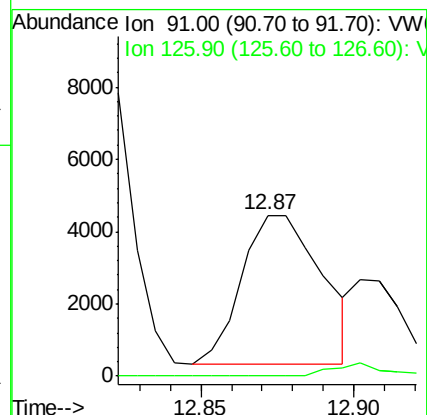
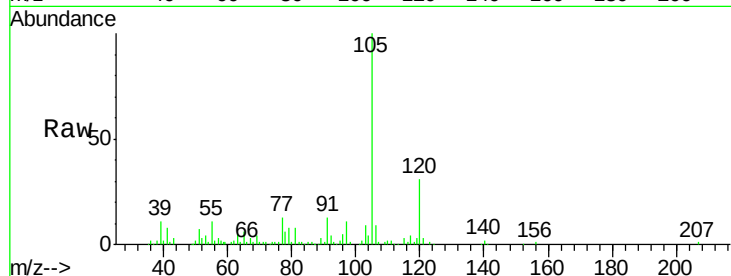
DUP-0483-180620

Tgt Ion: 91 Resp: 7498

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



#80

1,3,5-Trimethylbenzene

Concen: 7.760 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003515.D

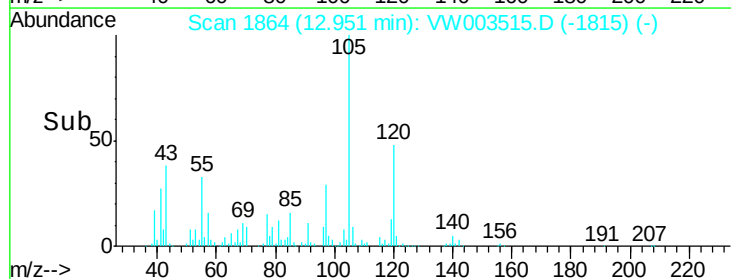
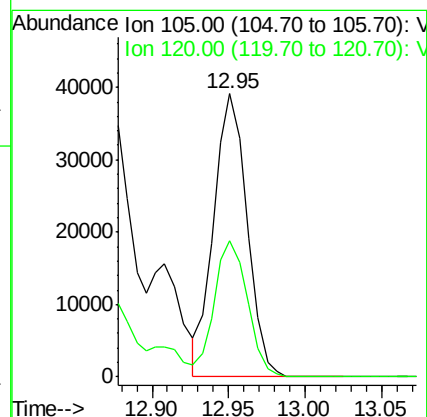
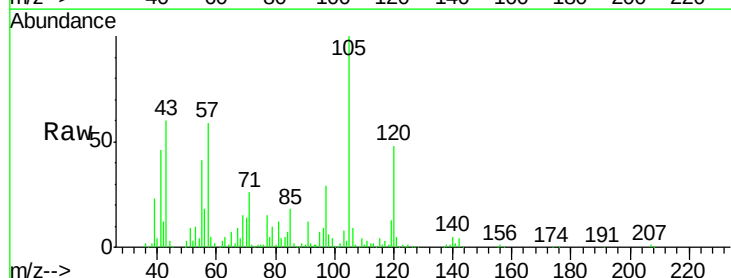
Acq: 24 Jun 2018 17:14

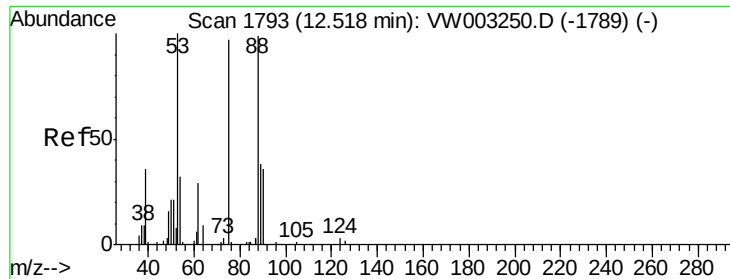
Tgt Ion: 105 Resp: 59355

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9

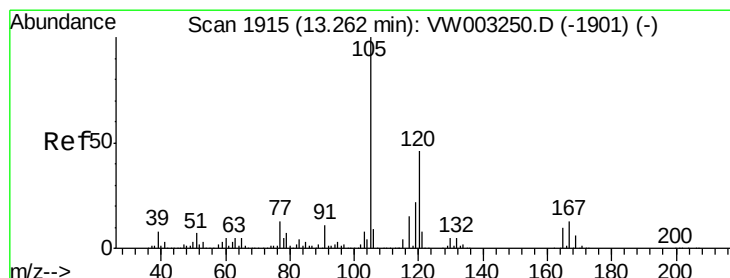
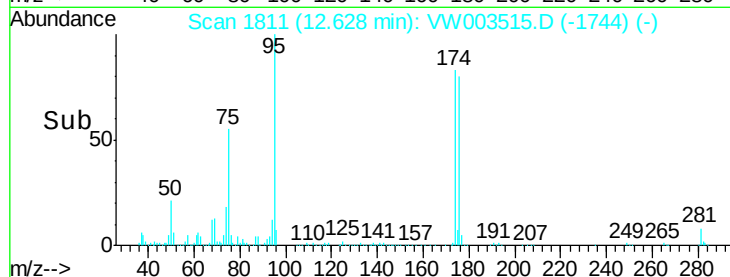
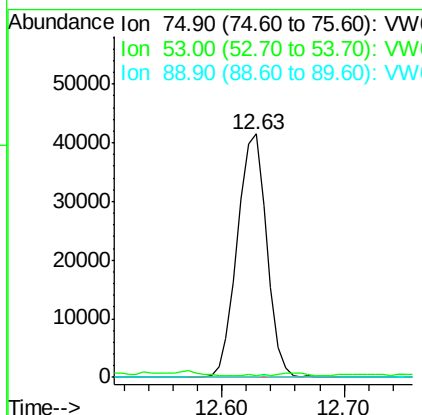
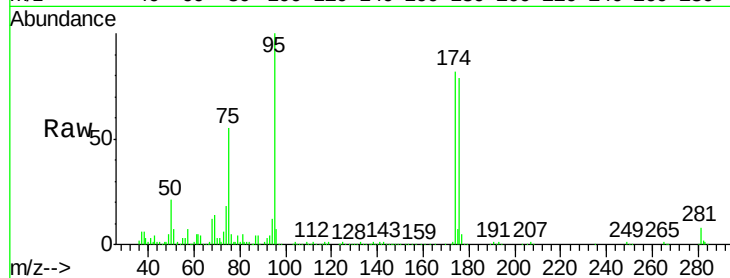




#81
trans-1,4-Dichloro-2-butene
Concen: 142.348 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.11 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

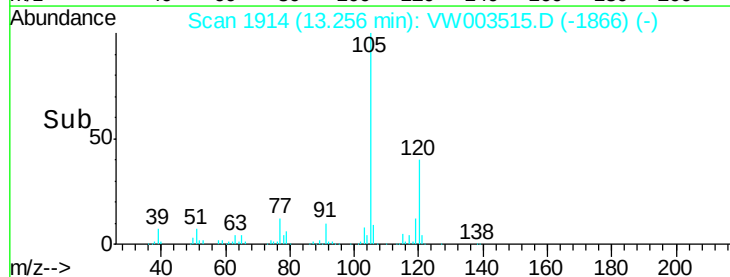
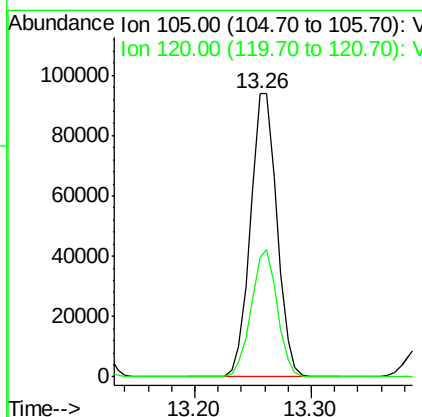
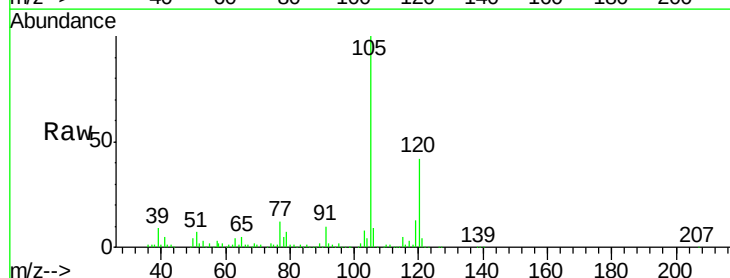
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

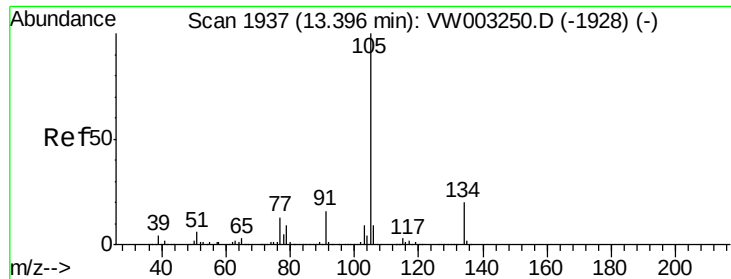
Tgt Ion: 75 Resp: 69283
Ion Ratio Lower Upper
75 100
53 0.2 82.9 124.3#
89 0.3 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 19.026 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 105 Resp: 149692
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5

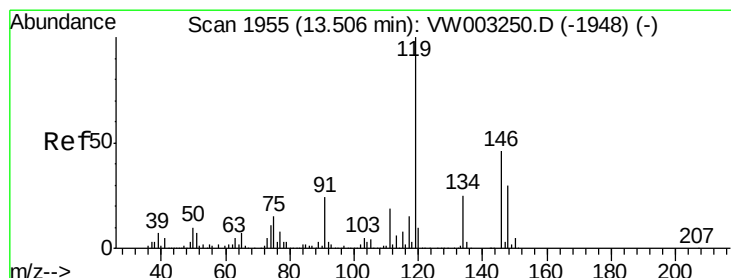
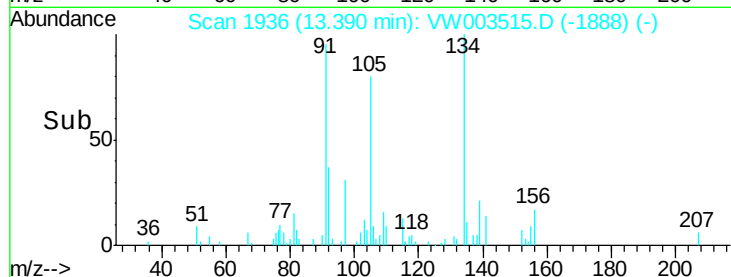
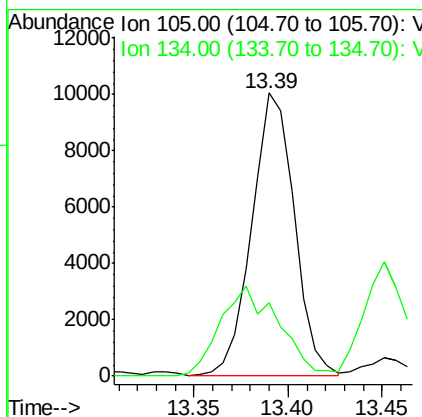
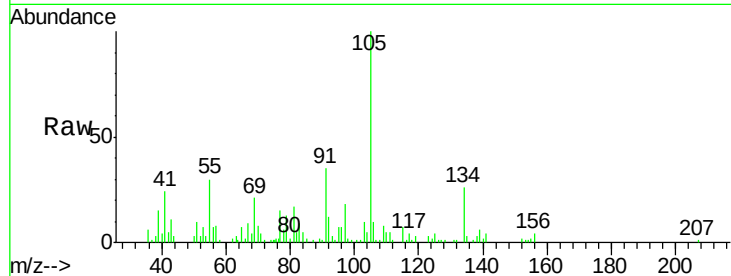




#85
 sec-Butylbenzene
 Concen: 1.632 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

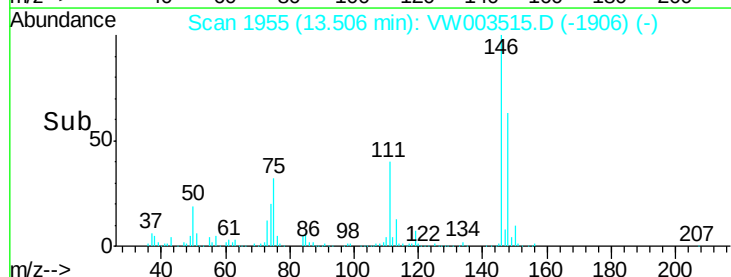
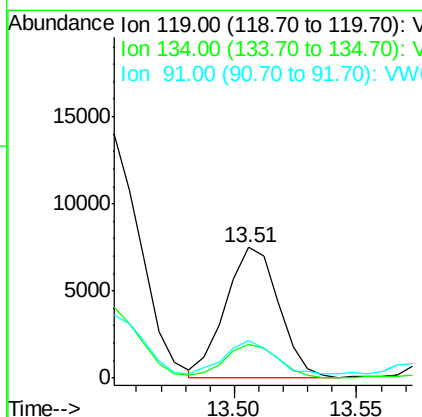
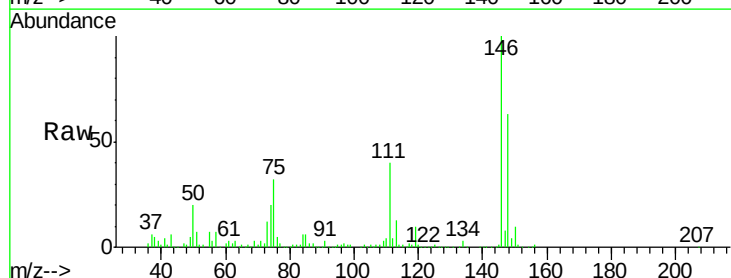
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

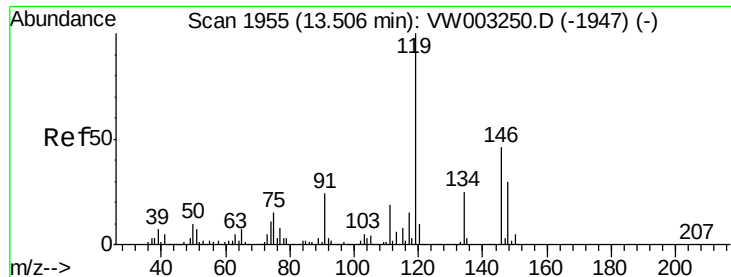
Tgt Ion:105 Resp: 15815
 Ion Ratio Lower Upper
 105 100
 134 43.5 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 1.335 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion:119 Resp: 11411
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.6 11.8 35.3

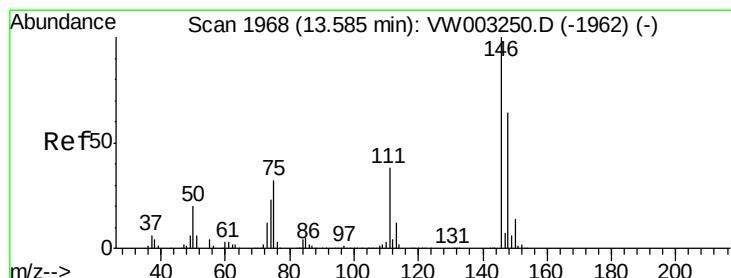
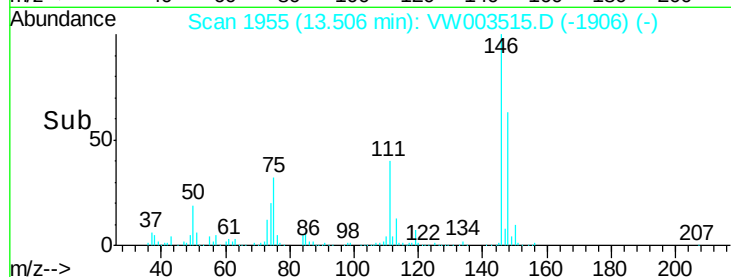
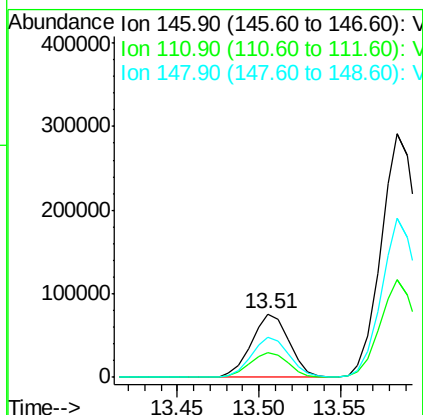
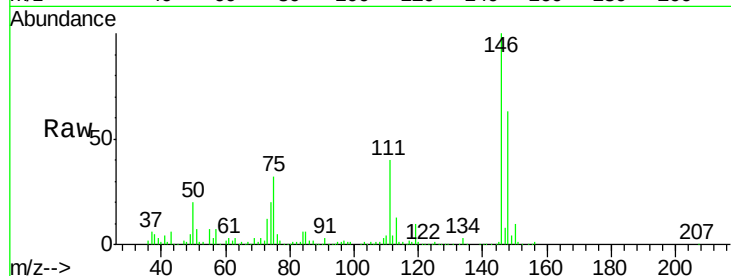




#87
 1,3-Dichlorobenzene
 Concen: 28.107 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

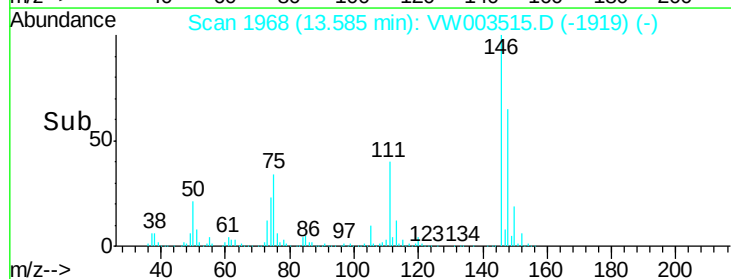
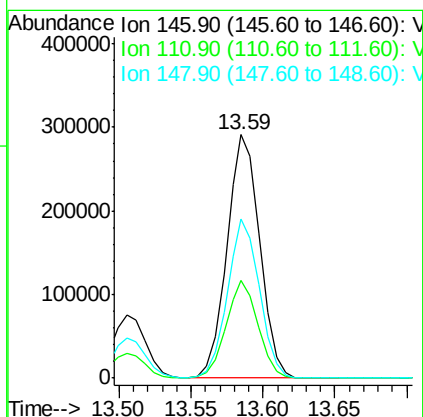
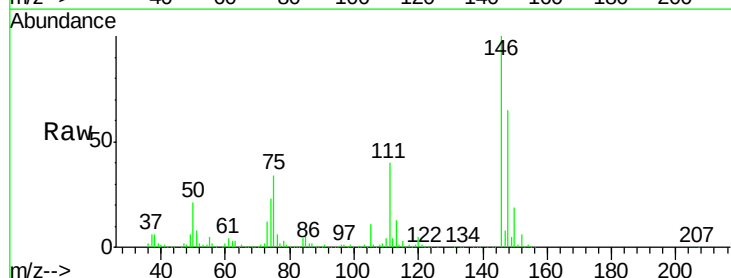
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

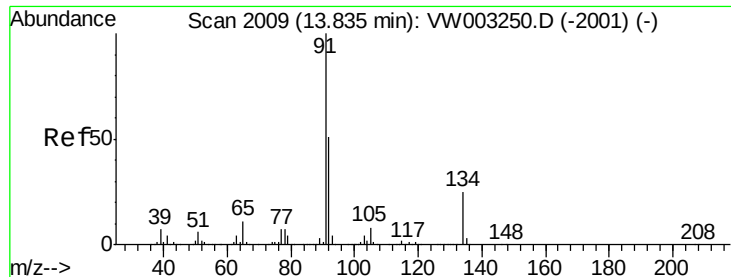
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 106.571 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.2	57.6
148	64.0	31.8	95.4

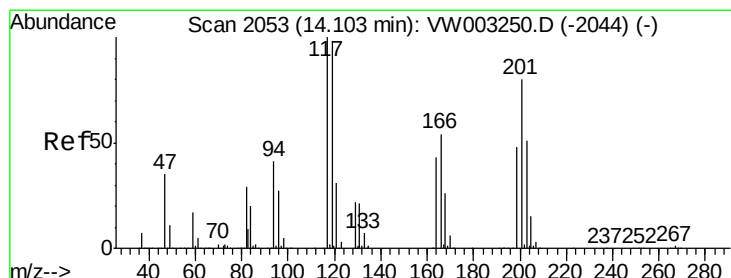
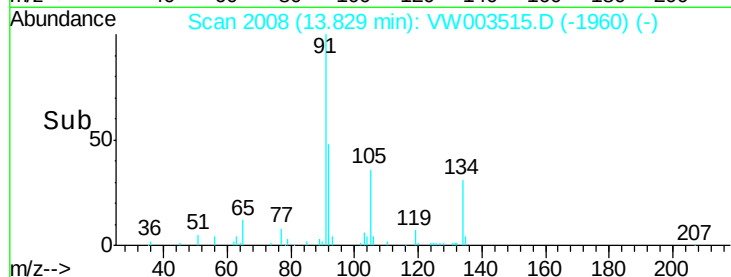
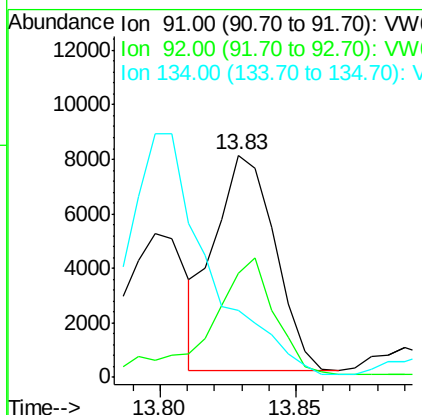
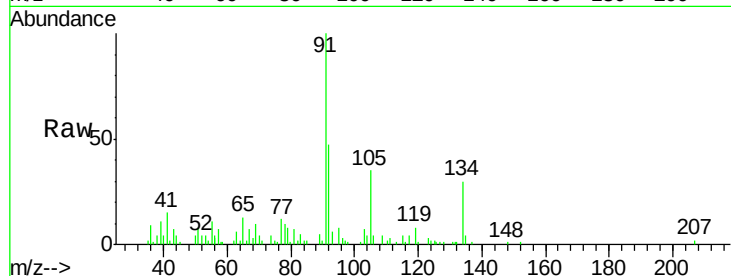




#89
n-Butylbenzene
Concen: 1.451 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

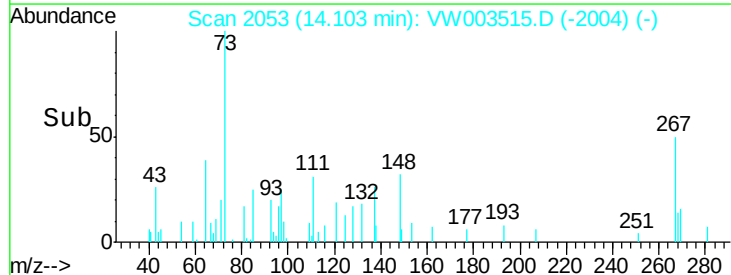
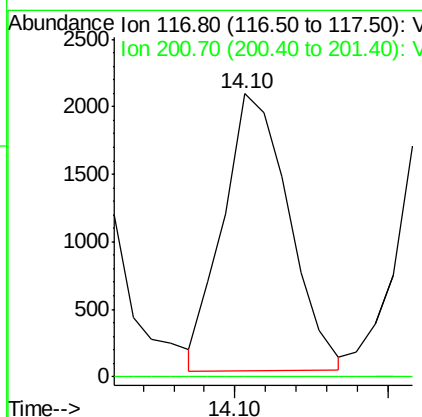
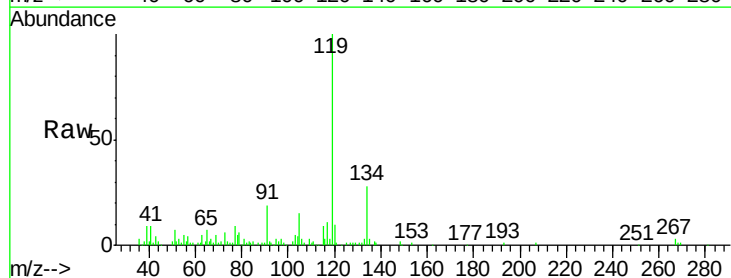
Instrument :
MSVOA_W
ClientSampleId :
DUP-0483-180620

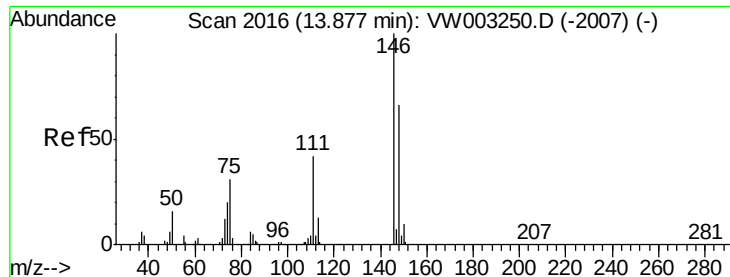
Tgt Ion: 91 Resp: 12089
Ion Ratio Lower Upper
91 100
92 58.1 26.0 78.0
134 0.0 12.7 38.0#



#90
Hexachloroethane
Concen: 1.963 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003515.D
Acq: 24 Jun 2018 17:14

Tgt Ion: 117 Resp: 3035
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

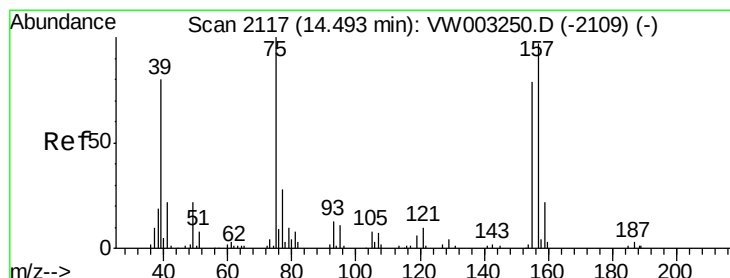
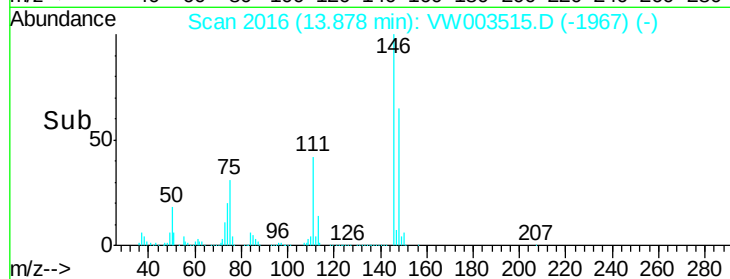
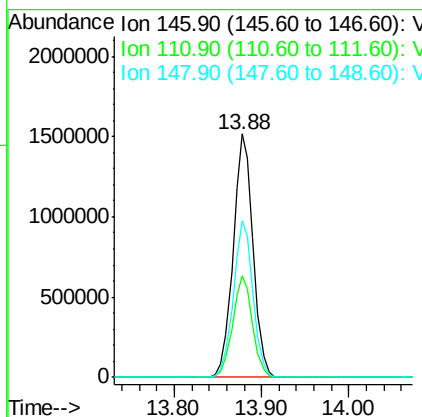
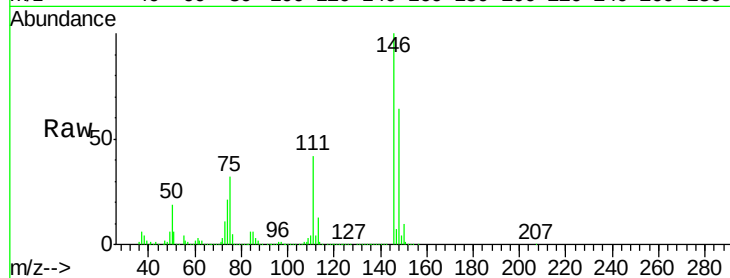




#91
 1,2-Dichlorobenzene
 Concen: 625.658 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

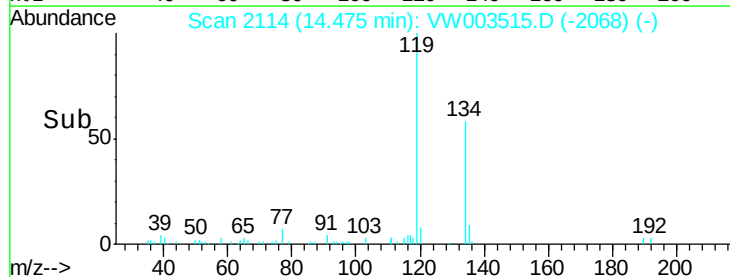
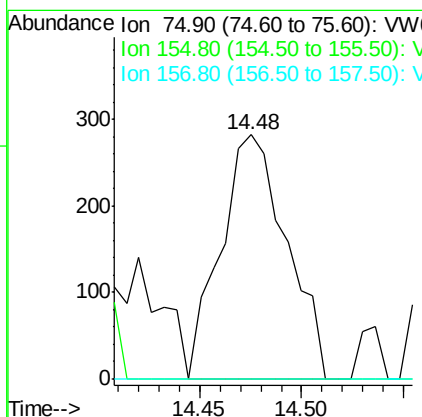
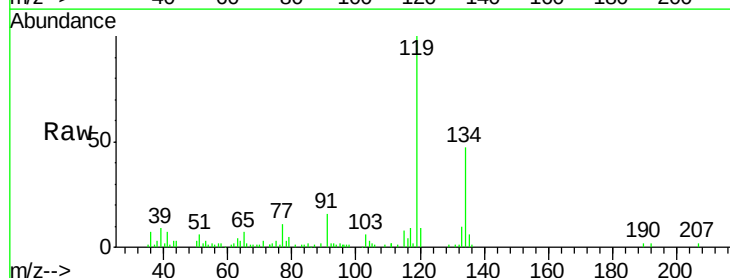
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

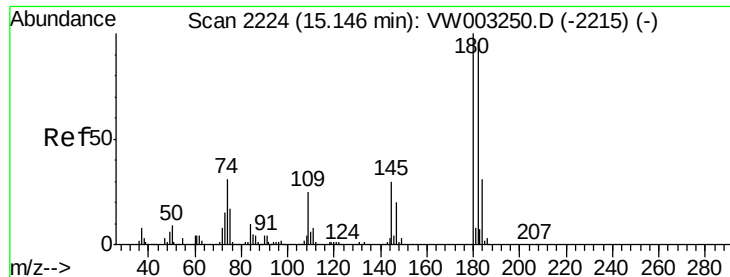
Tgt Ion:146 Resp: 2389213
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.432 ug/l
 RT: 14.48 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion: 75 Resp: 631
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.4 118.2#
 157 0.0 51.5 154.5#

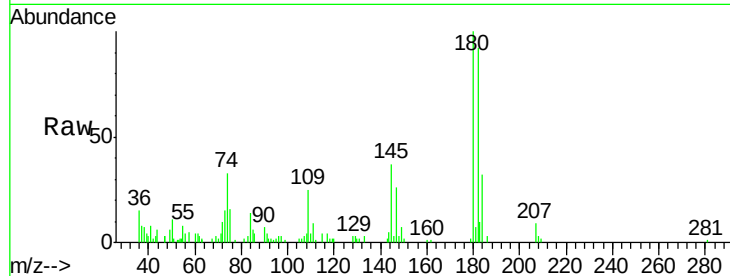




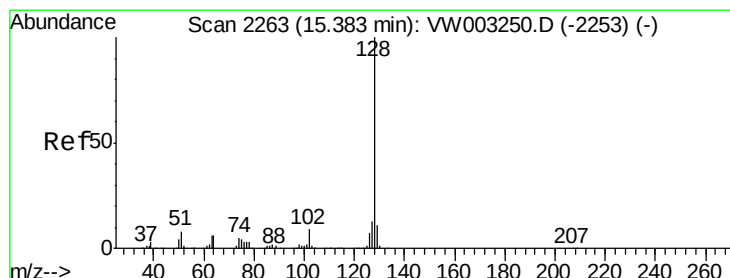
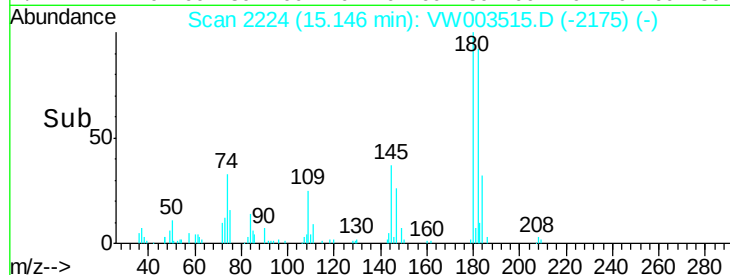
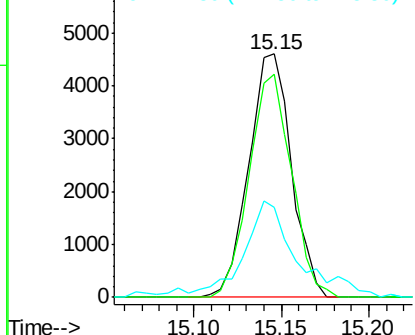
#93
 1,2,4-Trichlorobenzene
 Concen: 2.911 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tgt Ion:180 Resp: 7804
 Ion Ratio Lower Upper
 180 100
 182 91.2 47.9 143.6
 145 52.2 15.2 45.5#

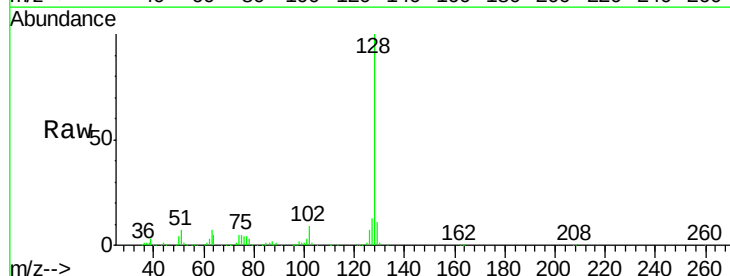


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

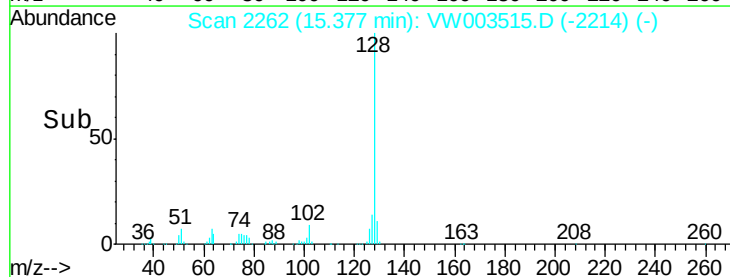
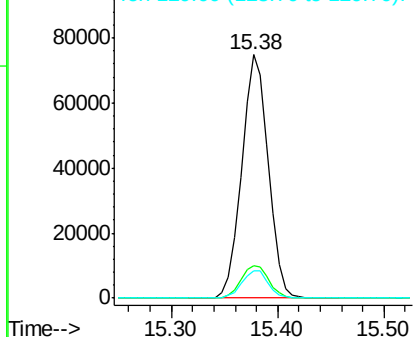


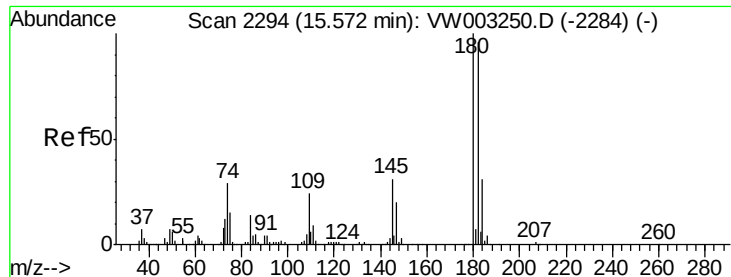
#95
 Naphthalene
 Concen: 28.785 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Tgt Ion:128 Resp: 130896
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.5 15.7
 129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

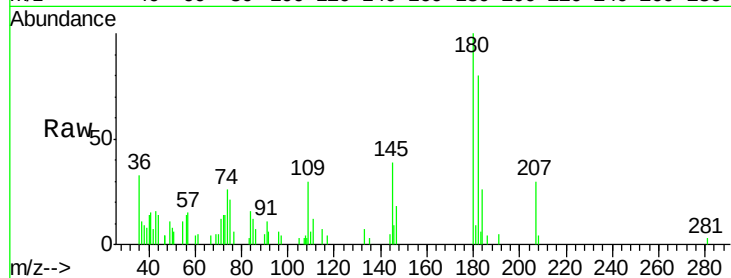




#96
 1,2,3-Trichlorobenzene
 Concen: 1.182 ug/l
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VW003515.D
 Acq: 24 Jun 2018 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0483-180620

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	46.8	15.8	47.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

