

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006562.D
 Acq On : 01 Nov 2018 16:32
 Operator : SY/AP
 Sample : J5665-04
 Misc : 4.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-07B

Quant Time: Nov 01 18:26:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	10473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	2163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	12569	222.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	444.92%	
35) Dibromofluoromethane	7.89	113	14622	222.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	444.94%	
50) Toluene-d8	10.32	98	5308	21.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.42%	
62) 4-Bromofluorobenzene	12.62	95	412	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	45	1.32	ug/l #	41
3) Chloromethane	2.21	50	122	2.89	ug/l #	46
5) Bromomethane	2.78	94	146	2.96	ug/l #	75
8) Diethyl Ether	3.68	74	30	1.06	ug/l #	1
11) Tert butyl alcohol	5.18	59	1195	392.54	ug/l #	84
14) Allyl chloride	4.59	41	277	3.96	ug/l #	32
16) Acetone	4.12	43	10008	1097.12	ug/l	89
17) Carbon Disulfide	4.37	76	177	1.16	ug/l #	75
18) Methyl Acetate	4.68	43	166	6.33	ug/l #	47
20) Methylene Chloride	4.92	84	5783	104.31	ug/l	91
25) 2-Butanone	7.23	43	91	6.99	ug/l #	46
26) 2,2-Dichloropropane	7.16	77	997	16.74	ug/l #	49
29) Tetrahydrofuran	7.54	42	180	21.99	ug/l #	29
31) Cyclohexane	7.95	56	101	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	380	4.13	ug/l #	40
37) Ethyl Acetate	7.27	43	75	2.35	ug/l #	66
38) Carbon Tetrachloride	7.95	117	498	5.17	ug/l #	12
39) Methylcyclohexane	9.34	83	125	1.07	ug/l #	56
41) Methacrylonitrile	7.54	41	48	2.45	ug/l #	39
43) Isopropyl Acetate	8.26	43	749	11.76	ug/l #	19
51) 4-Methyl-2-Pentanone	10.21	43	597	18.25	ug/l #	77
55) 1,1,2-Trichloroethane	10.76	97	457	9.00	ug/l #	15
59) 2-Hexanone	10.95	43	42	1.89	ug/l #	22
67) Ethyl Benzene	11.74	91	904	11.88	ug/l	94
68) m/p-Xylenes	11.84	106	2191	72.08	ug/l	93
69) o-Xylene	12.17	106	1071	37.01	ug/l	91
74) N-amyl acetate	12.14	43	29	6.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	285	89.53	ug/l #	100
78) n-propylbenzene	12.80	91	44	1.42	ug/l #	51
79) 2-Chlorotoluene	12.80	91	44	2.48	ug/l #	38
81) trans-1,4-Dichloro-2-buten	12.62	75	285	222.18	ug/l #	11
82) 4-Chlorotoluene	12.80	91	44	2.34	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.26	105	137	5.92	ug/l #	30
85) sec-Butylbenzene	13.26	105	137	4.86	ug/l #	55

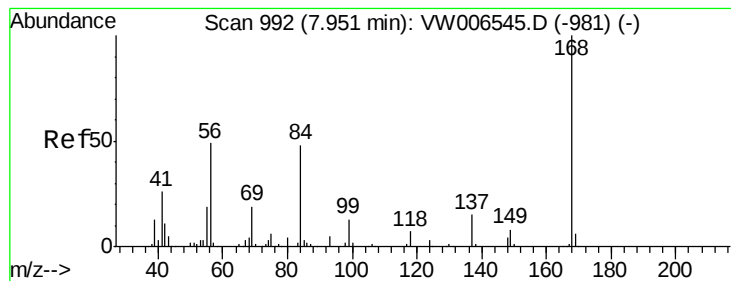
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
Data File : VW006562.D
Acq On : 01 Nov 2018 16:32
Operator : SY/AP
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Quant Time: Nov 01 18:26:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.50	146	19	1.39	ug/l #	25
88) 1,4-Dichlorobenzene	13.50	146	19	1.40	ug/l #	26
89) n-Butylbenzene	14.09	91	24	1.05	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.16	180	64	6.98	ug/l #	69
95) Naphthalene	15.37	128	203	13.78	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

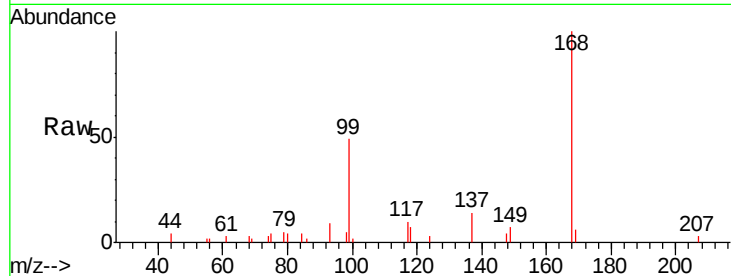
DL-07B

Tgt Ion:168 Resp: 6573

Ion Ratio Lower Upper

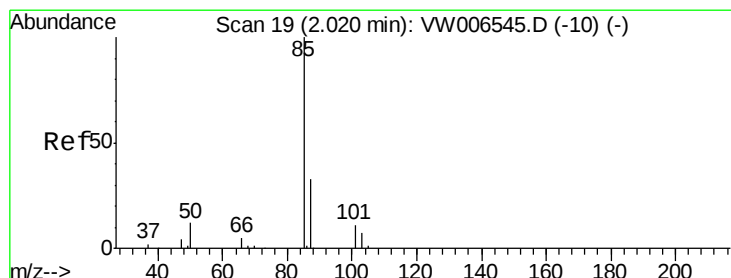
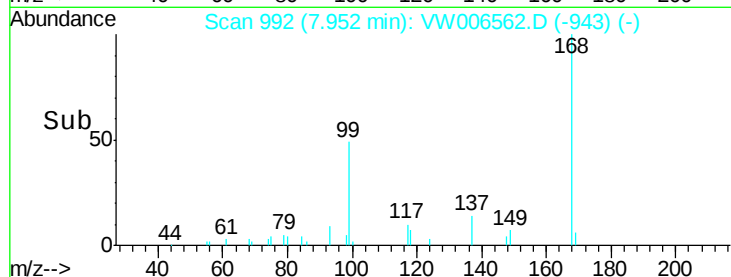
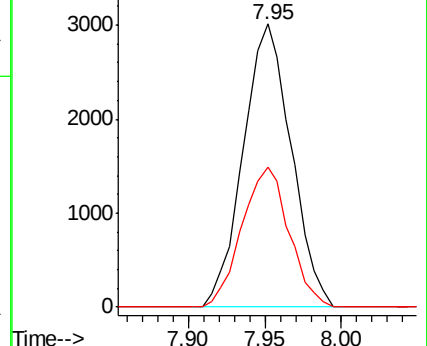
168 100

99 49.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 1.32 ug/l

RT: 2.03 min Scan# 20

Delta R.T. 0.01 min

Lab File: VW006562.D

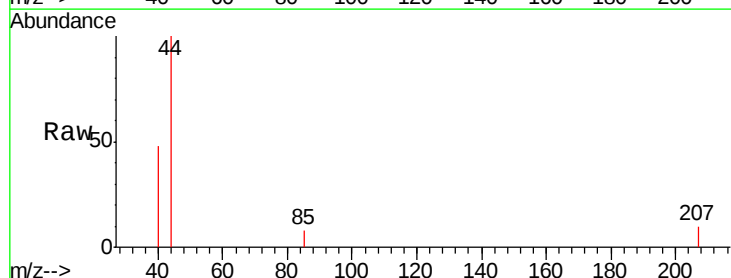
Acq: 01 Nov 2018 16:32

Tgt Ion: 85 Resp: 45

Ion Ratio Lower Upper

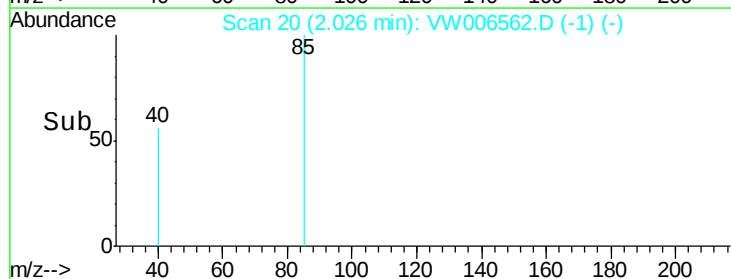
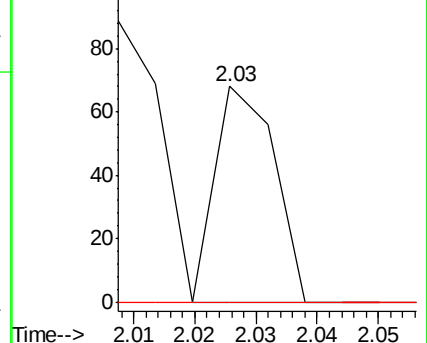
85 100

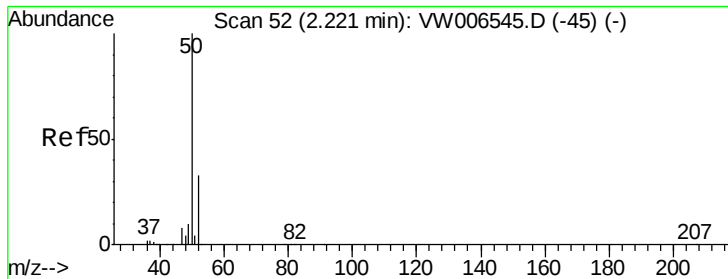
87 0.0 16.8 50.3#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 2.89 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

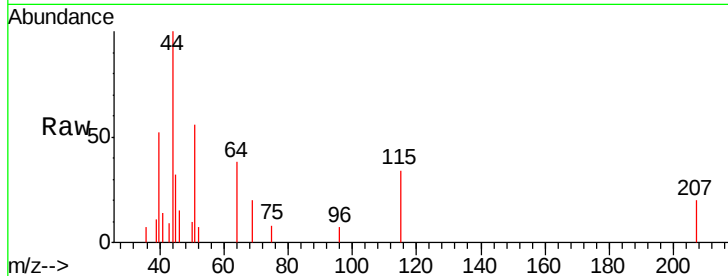
DL-07B

Tgt Ion: 50 Resp: 122

Ion Ratio Lower Upper

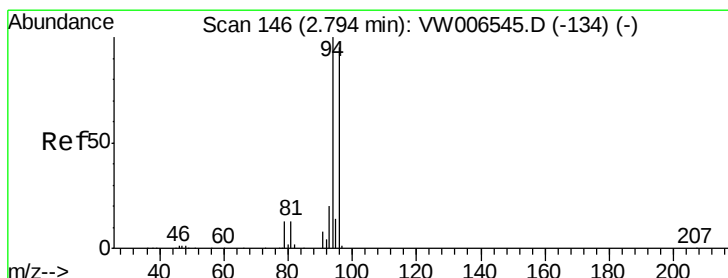
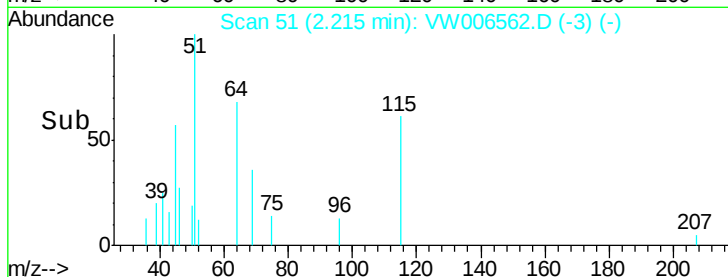
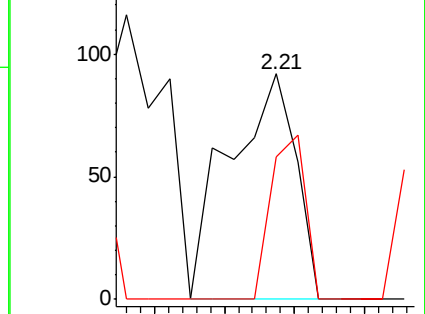
50 100

52 63.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#5

Bromomethane

Concen: 2.96 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006562.D

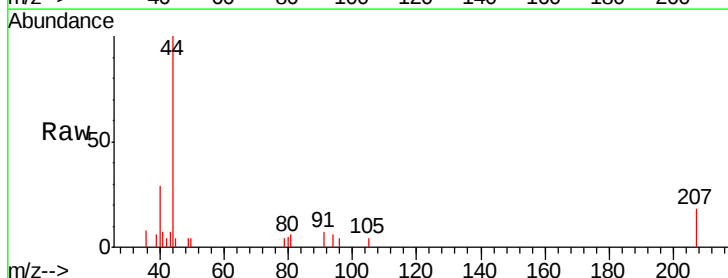
Acq: 01 Nov 2018 16:32

Tgt Ion: 94 Resp: 146

Ion Ratio Lower Upper

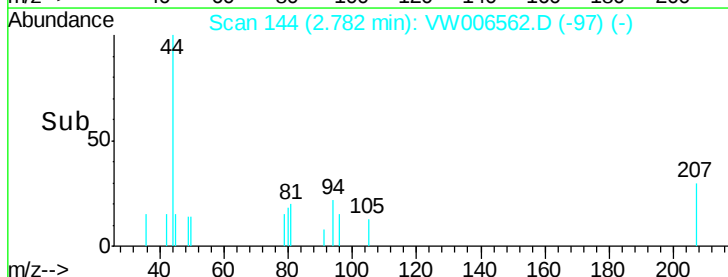
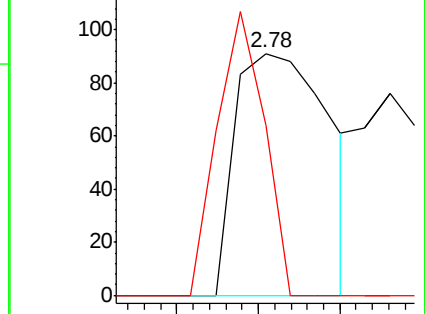
94 100

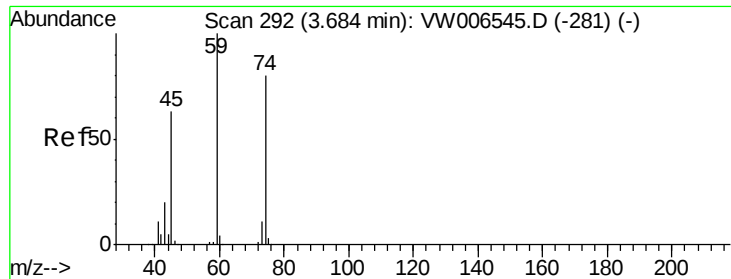
96 70.3 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#8

Diethyl Ether

Concen: 1.06 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

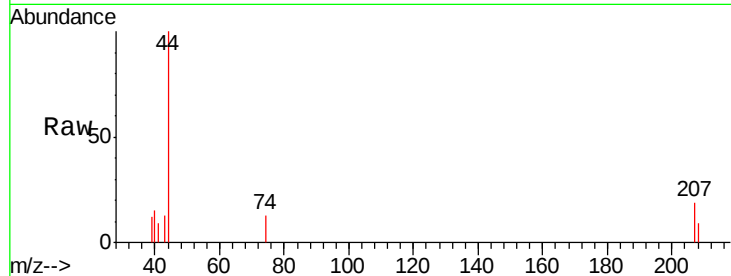
DL-07B

Tgt Ion: 74 Resp: 30

Ion Ratio Lower Upper

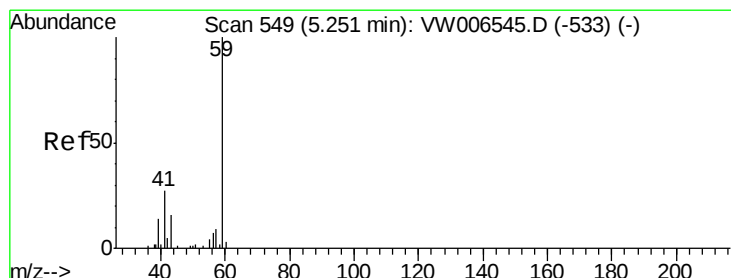
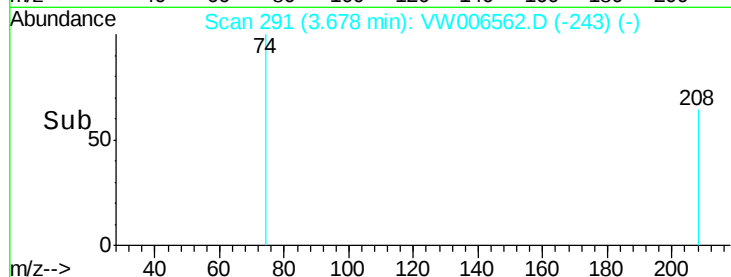
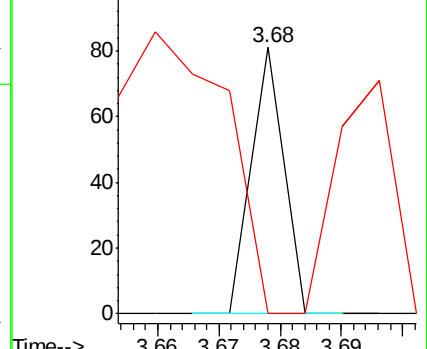
74 100

45 356.7 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#11

Tert butyl alcohol

Concen: 392.54 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.07 min

Lab File: VW006562.D

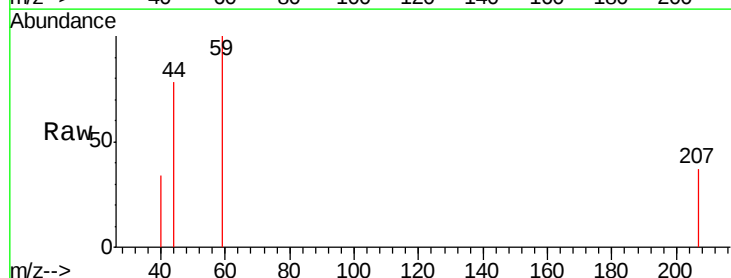
Acq: 01 Nov 2018 16:32

Tgt Ion: 59 Resp: 1195

Ion Ratio Lower Upper

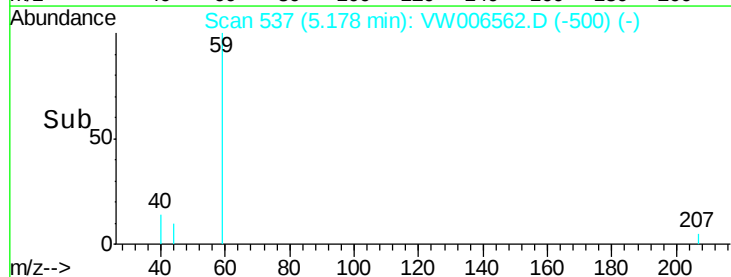
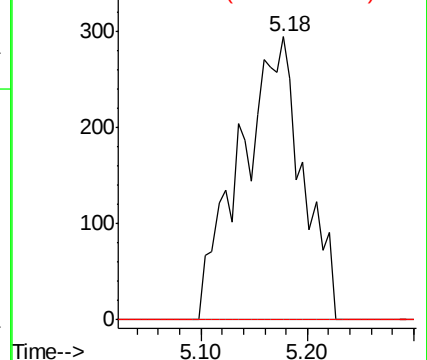
59 100

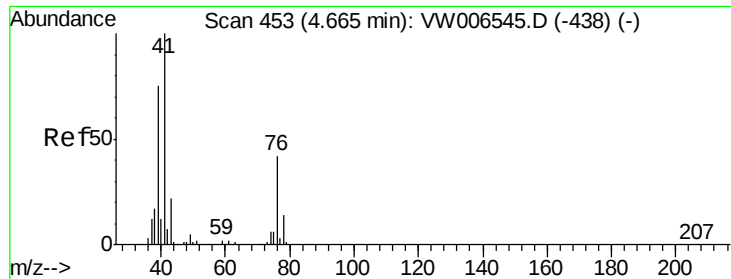
57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#14

Allyl chloride

Concen: 3.96 ug/l

RT: 4.59 min Scan# 441

Delta R.T. -0.07 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

DL-07B

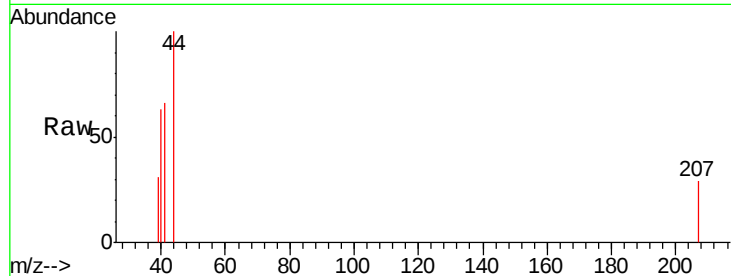
Tgt Ion: 41 Resp: 277

Ion Ratio Lower Upper

41 100

39 18.4 62.1 93.1#

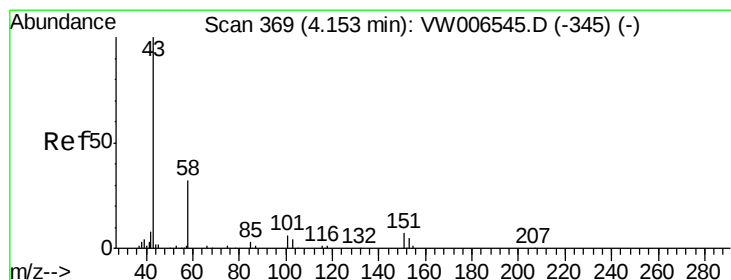
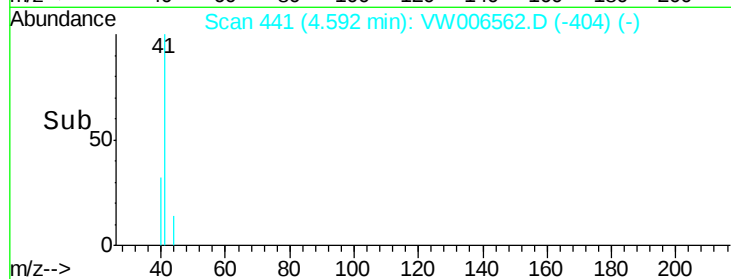
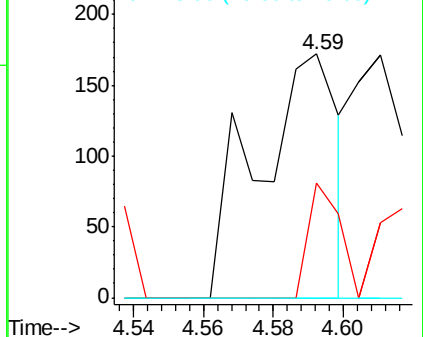
76 0.0 34.2 51.2#



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



#16

Acetone

Concen: 1097.12 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006562.D

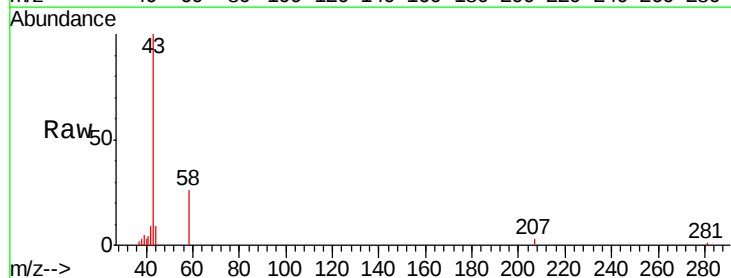
Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 10008

Ion Ratio Lower Upper

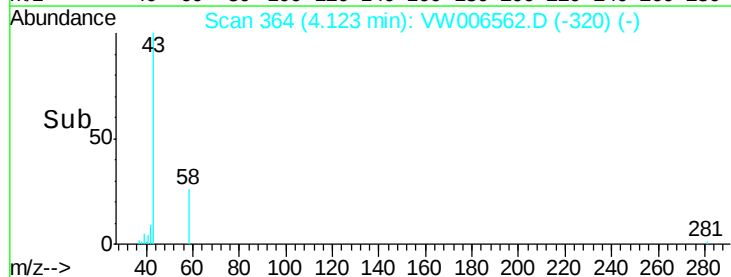
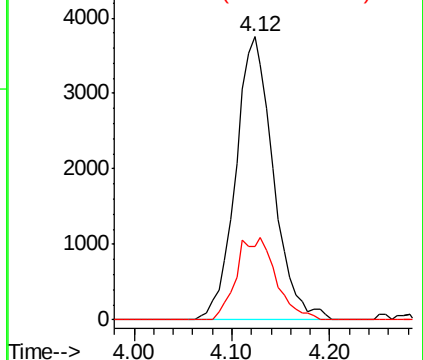
43 100

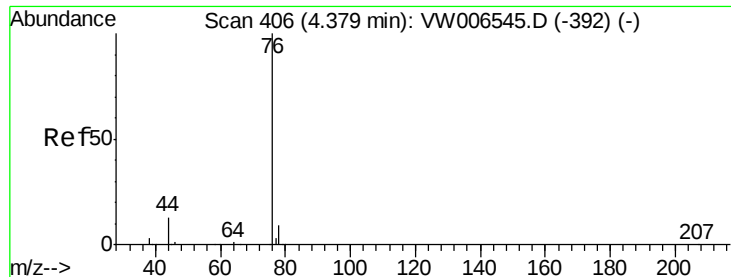
58 25.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.16 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

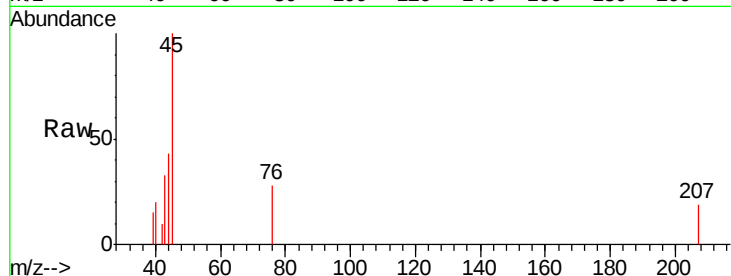
DL-07B

Tgt Ion: 76 Resp: 177

Ion Ratio Lower Upper

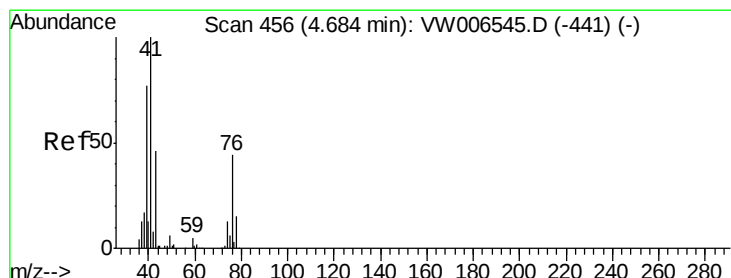
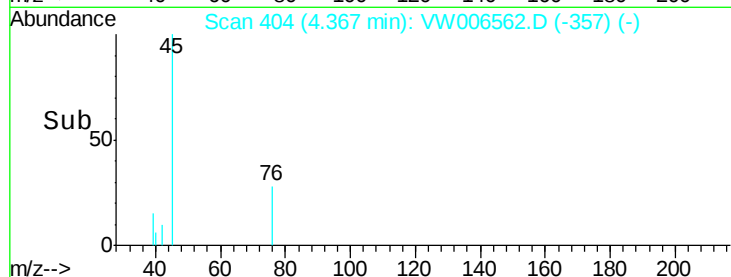
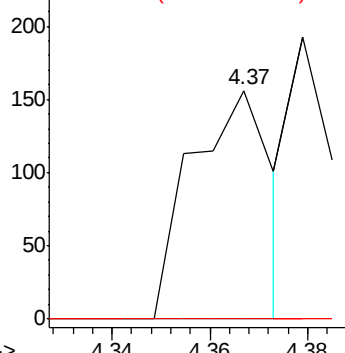
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.33 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006562.D

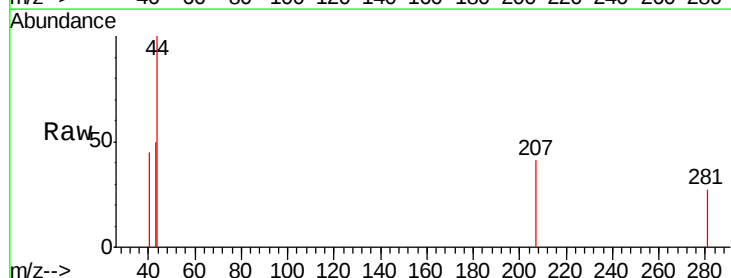
Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 166

Ion Ratio Lower Upper

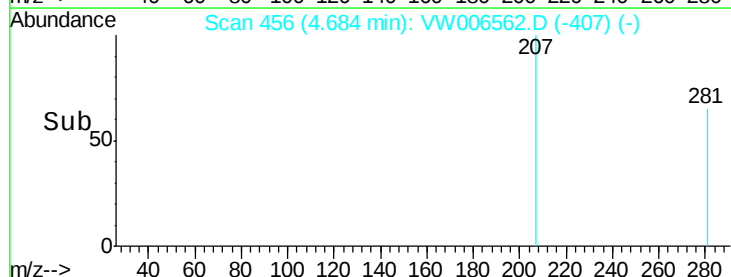
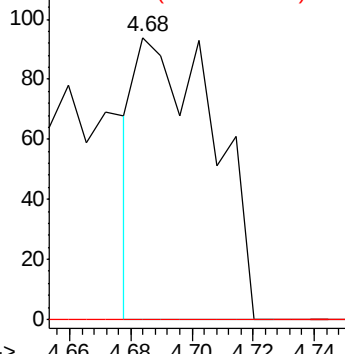
43 100

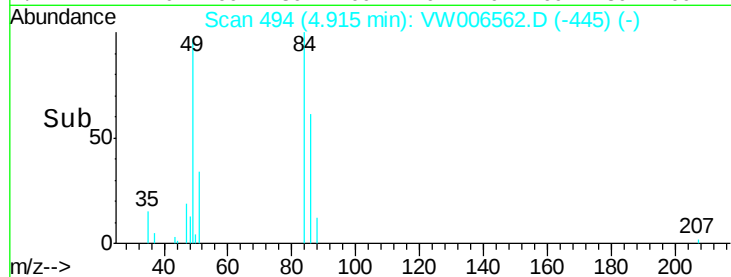
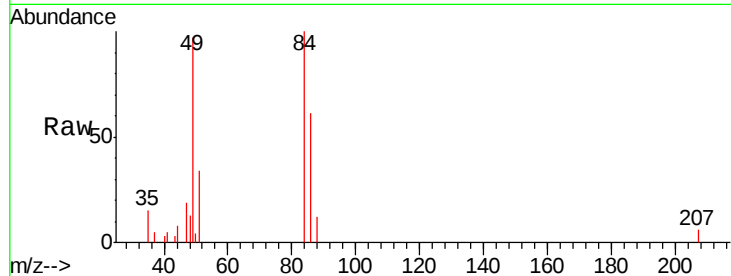
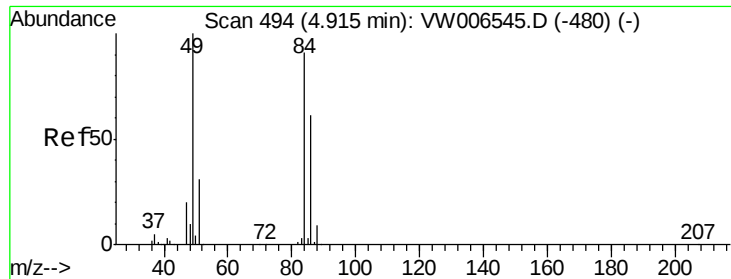
74 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

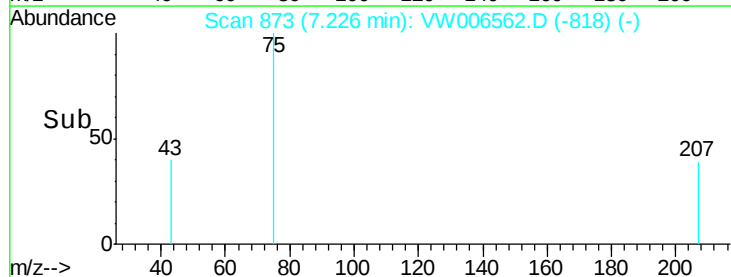
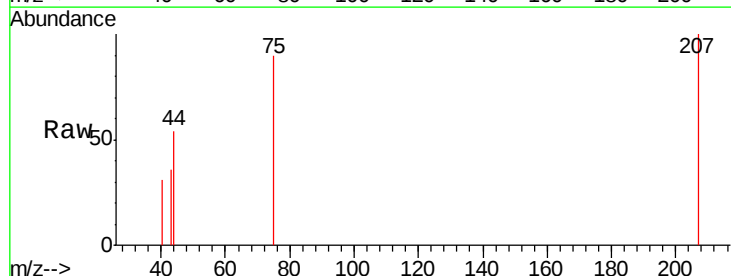
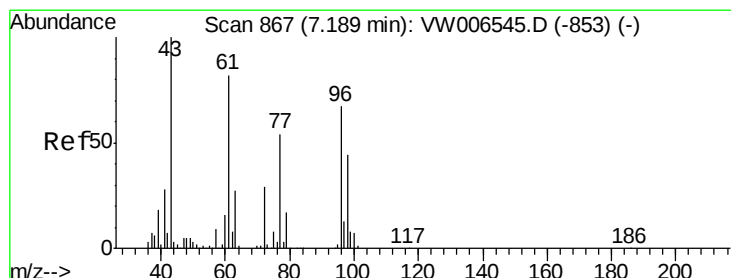
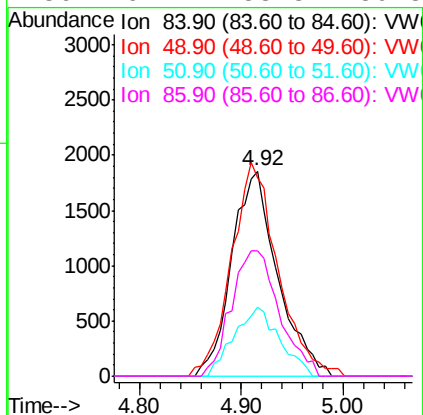




#20
Methylene Chloride
Concen: 104.31 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

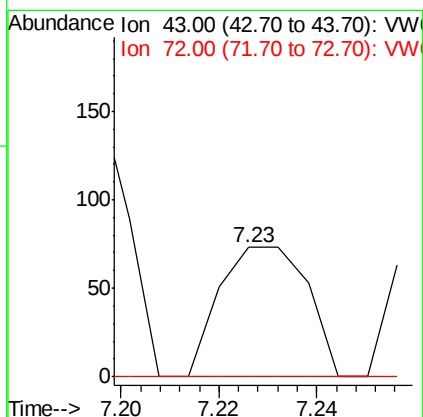
Instrument :
MSVOA_W
ClientSampleId :
DL-07B

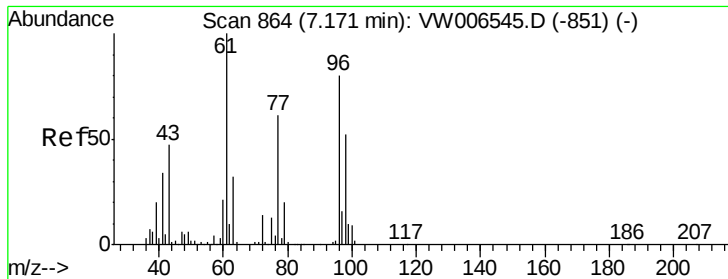
Tgt Ion: 84 Resp: 5783
Ion Ratio Lower Upper
84 100
49 96.5 88.2 132.4
51 33.8 27.0 40.6
86 61.2 53.8 80.8



#25
2-Butanone
Concen: 6.99 ug/l
RT: 7.23 min Scan# 873
Delta R.T. 0.04 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#





#26

2,2-Dichloropropane

Concen: 16.74 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

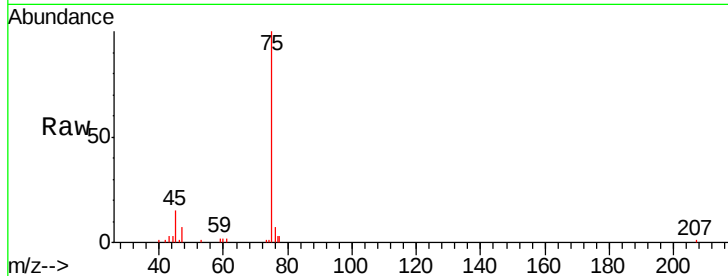
DL-07B

Tgt Ion: 77 Resp: 997

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.16

400

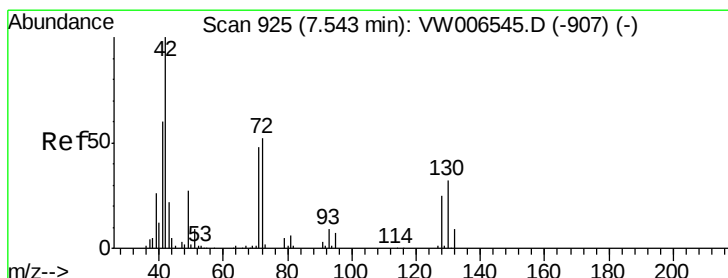
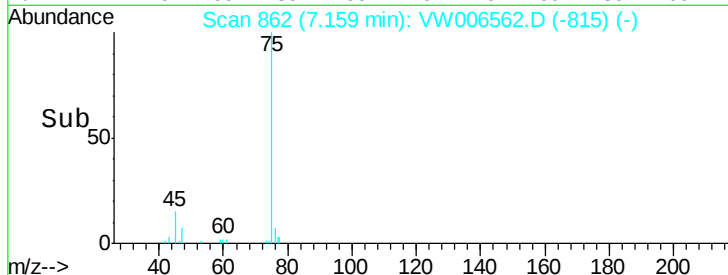
300

200

100

0

Time--> 7.05 7.10 7.15 7.20



#29

Tetrahydrofuran

Concen: 21.99 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

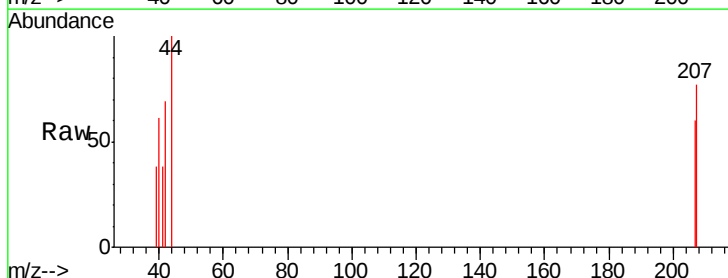
Tgt Ion: 42 Resp: 180

Ion Ratio Lower Upper

42 100

72 0.0 39.2 58.8#

71 0.0 37.6 56.4#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

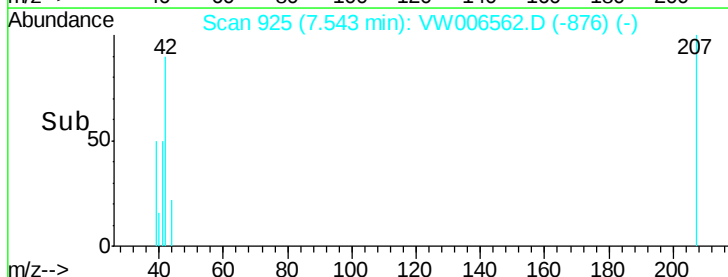
7.54

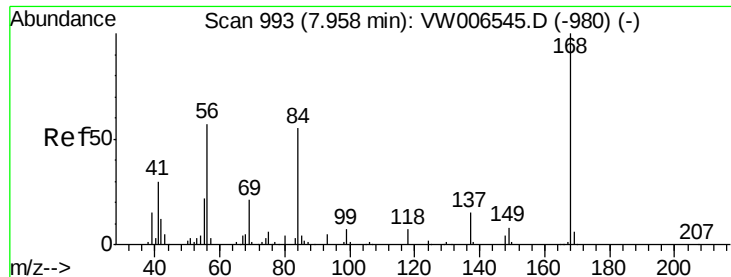
100

50

0

Time--> 7.50 7.55

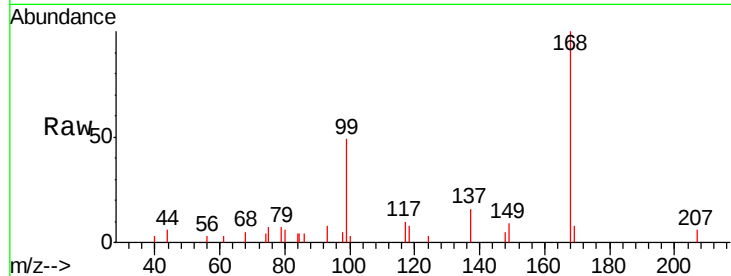




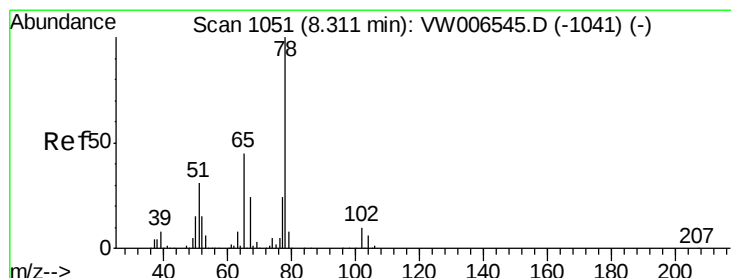
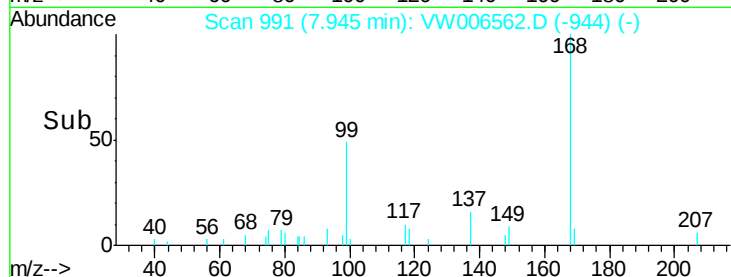
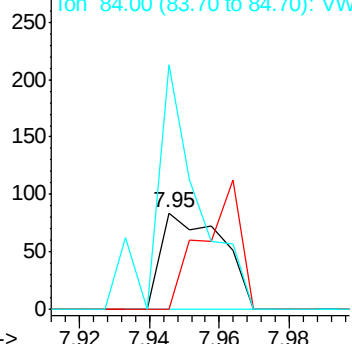
#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-07B

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
69 0.0 29.0 43.4#
84 253.6 77.8 116.6#

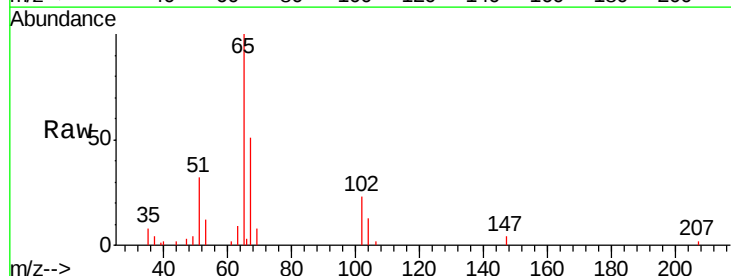


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

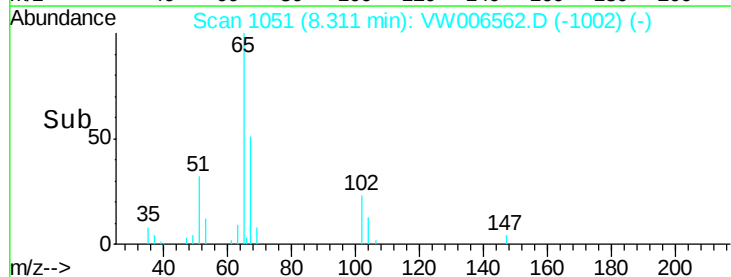
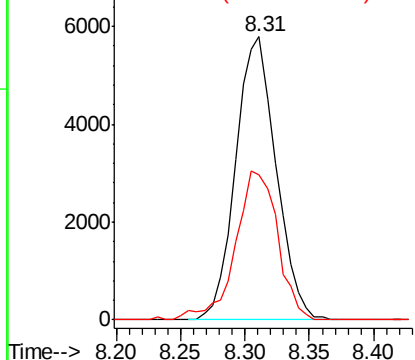


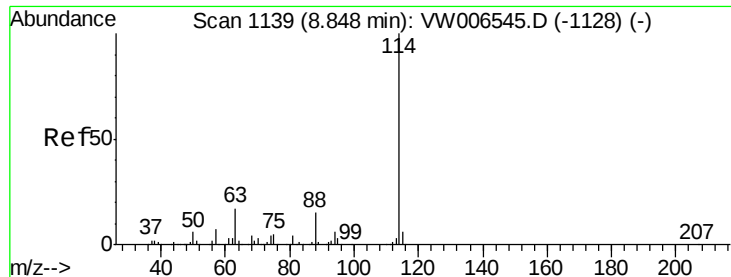
#33
1,2-Dichloroethane-d4
Concen: 222.46 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 65 Resp: 12569
Ion Ratio Lower Upper
65 100
67 55.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-07B

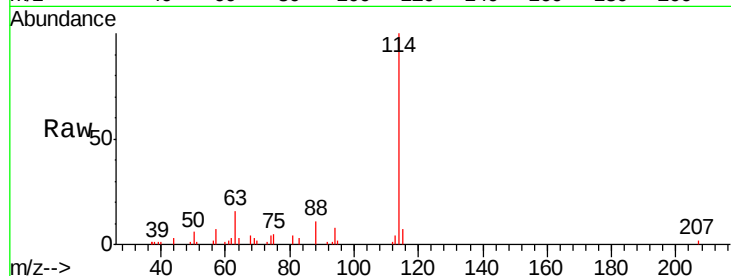
Tgt Ion:114 Resp: 10473

Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.4

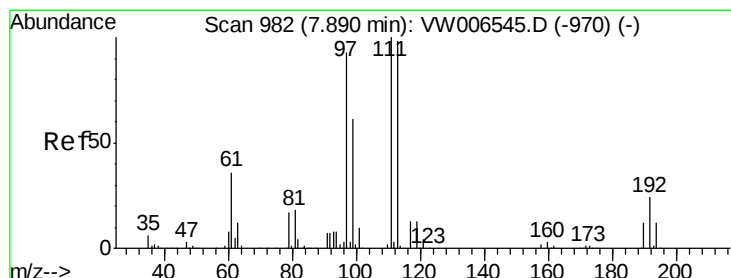
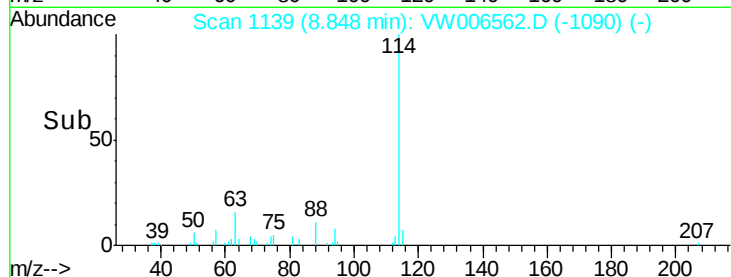
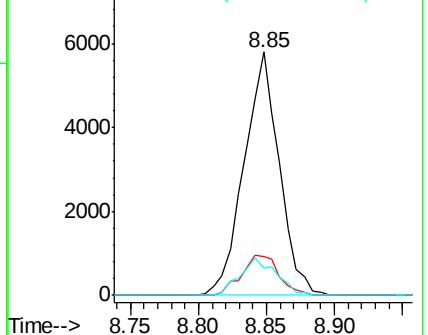
88 11.0 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 222.47 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

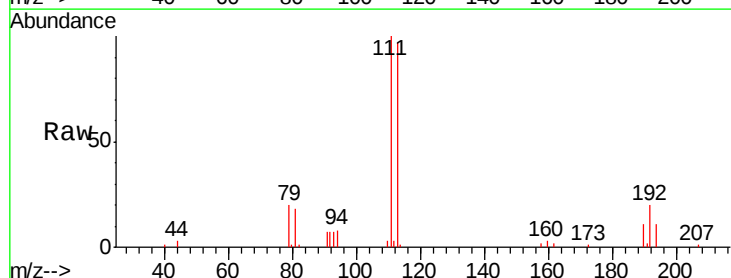
Tgt Ion:113 Resp: 14622

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

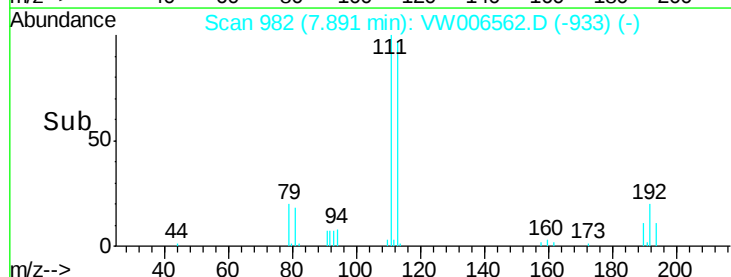
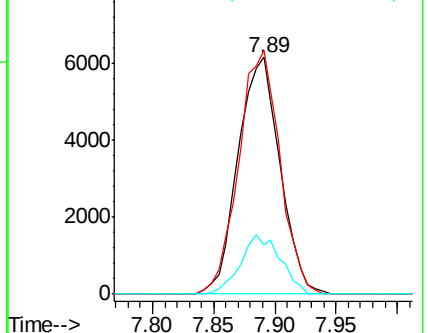
192 23.8 19.0 28.6

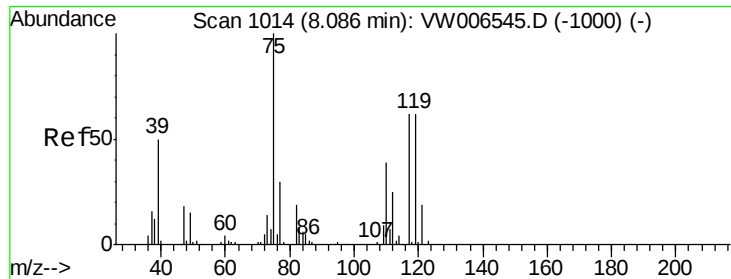


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

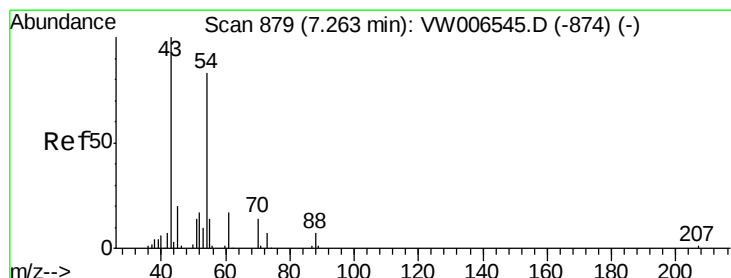
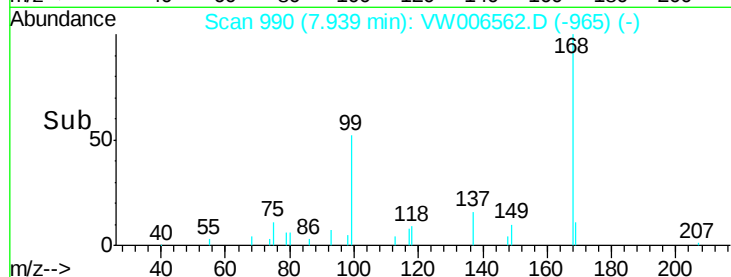
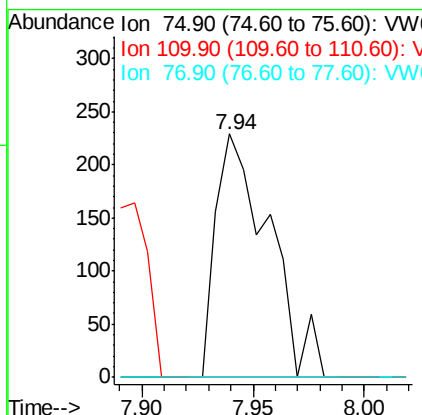
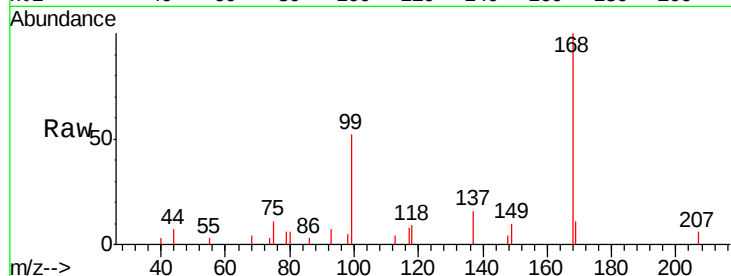




#36
 1,1-Dichloropropene
 Concen: 4.13 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.15 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

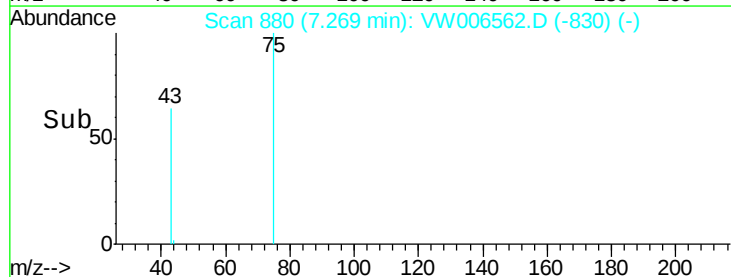
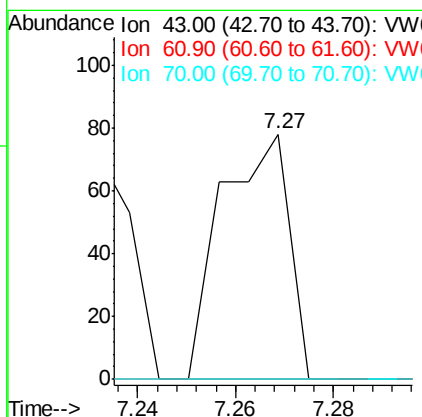
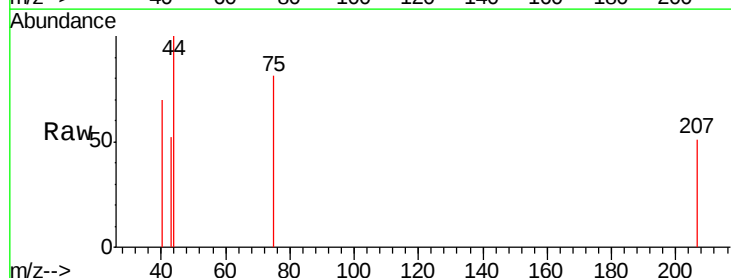
Instrument :
 MSVOA_W
 ClientSampled :
 DL-07B

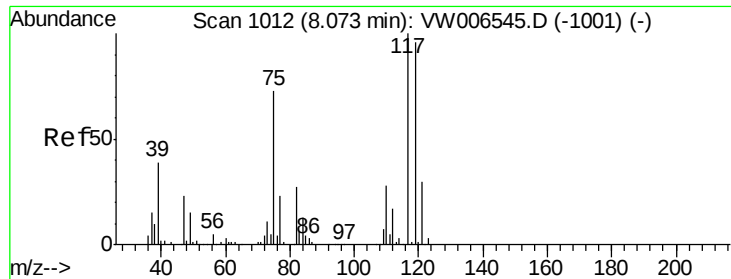
Tgt Ion: 75 Resp: 380
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 2.35 ug/l
 RT: 7.27 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 75
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#

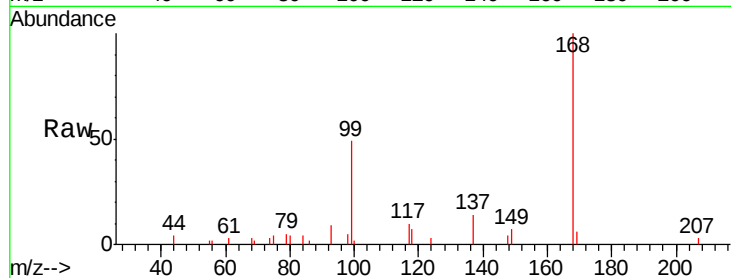




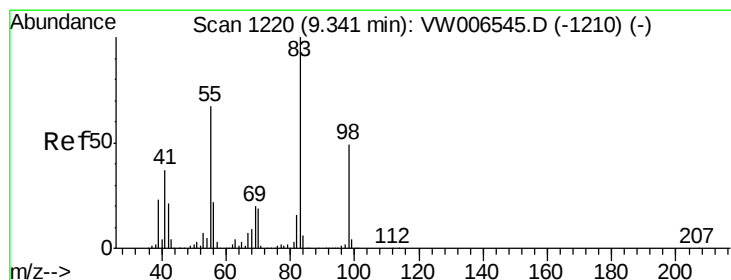
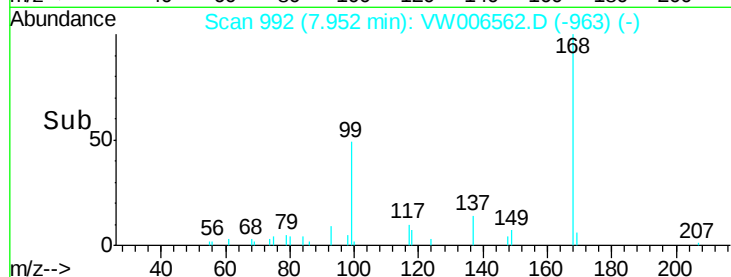
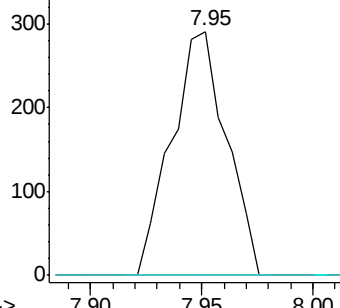
#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
DL-07B

Tgt Ion: 117 Resp: 498
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 24.1 36.1#

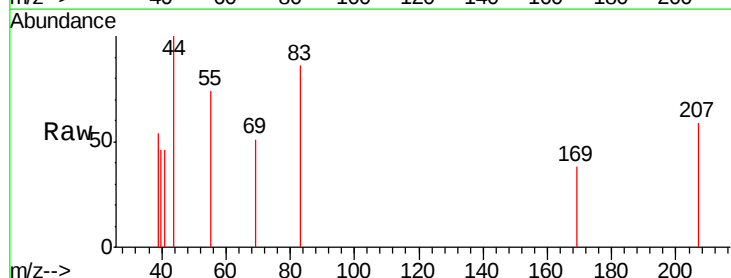


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

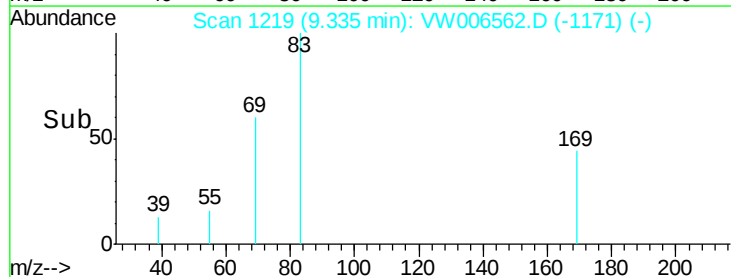
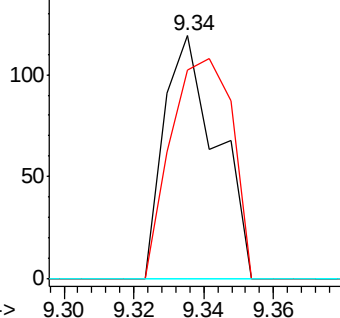


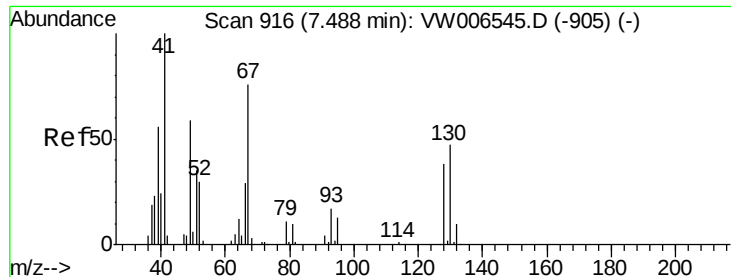
#39
Methylcyclohexane
Concen: 1.07 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 83 Resp: 125
Ion Ratio Lower Upper
83 100
55 85.7 53.7 80.5#
98 0.0 39.2 58.8#



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





#41

Methacrylonitrile

Concen: 2.45 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-07B

Tgt Ion: 41 Resp: 48

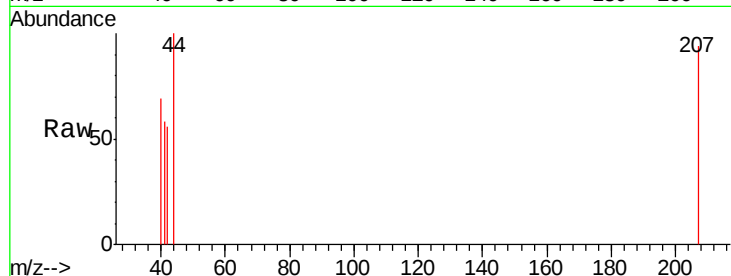
Ion Ratio Lower Upper

41 100

39 41.7 44.5 66.7#

67 0.0 63.8 95.8#

52 0.0 26.3 39.5#

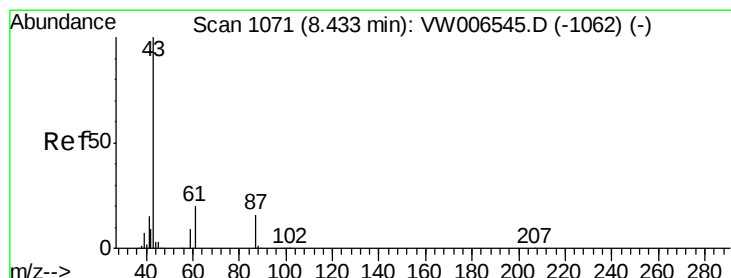
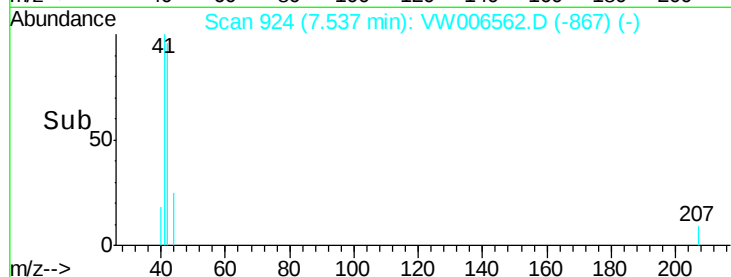
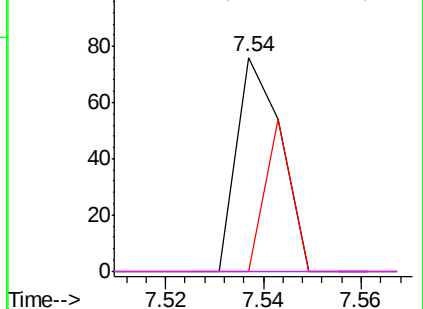


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#43

Isopropyl Acetate

Concen: 11.76 ug/l

RT: 8.26 min Scan# 1042

Delta R.T. -0.18 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

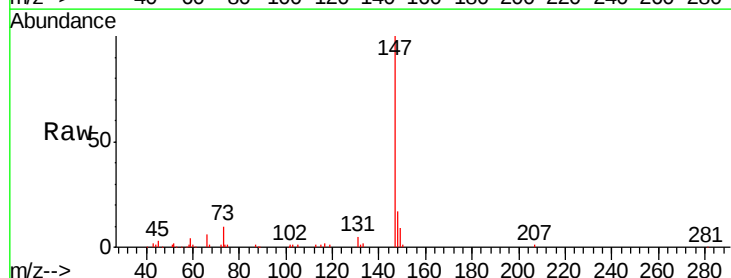
Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

61 6.7 27.2 40.8#

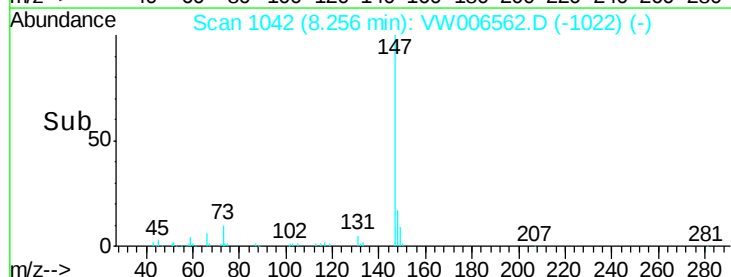
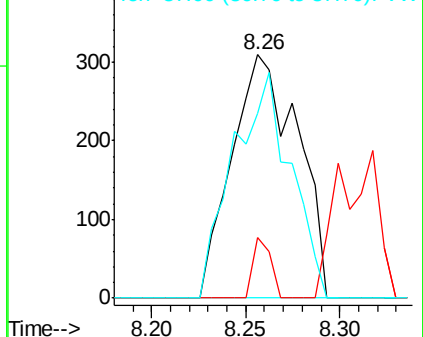
87 81.0 12.9 19.3#

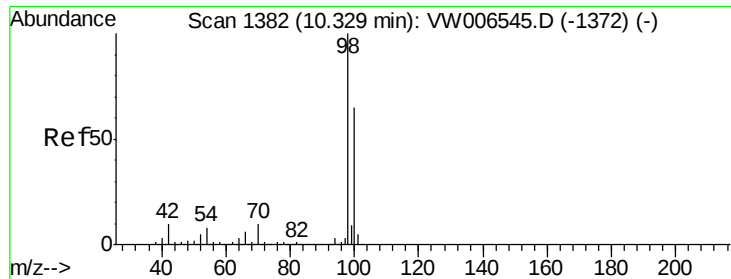


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 21.21 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

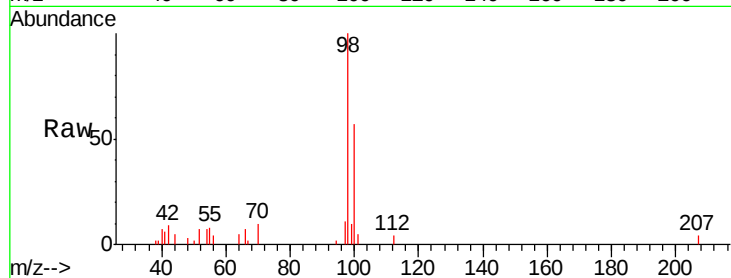
DL-07B

Tgt Ion: 98 Resp: 5308

Ion Ratio Lower Upper

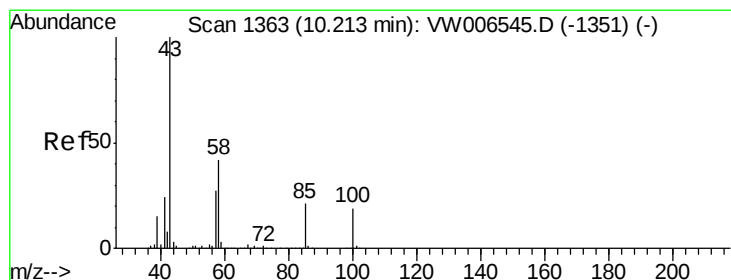
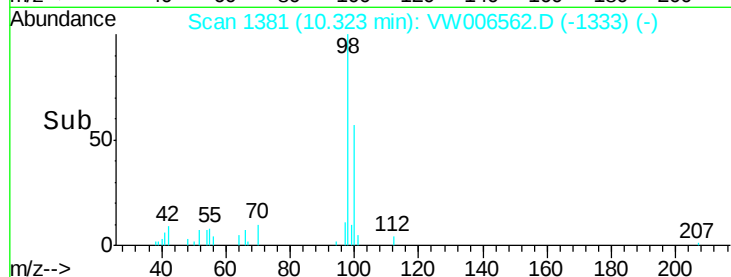
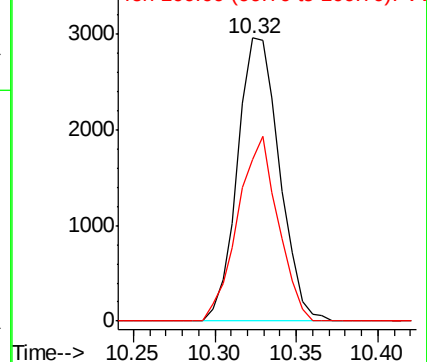
98 100

100 62.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 18.25 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006562.D

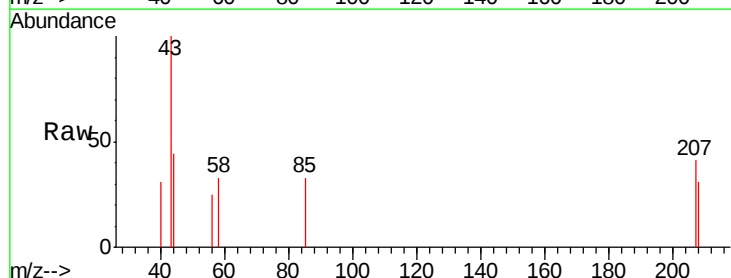
Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

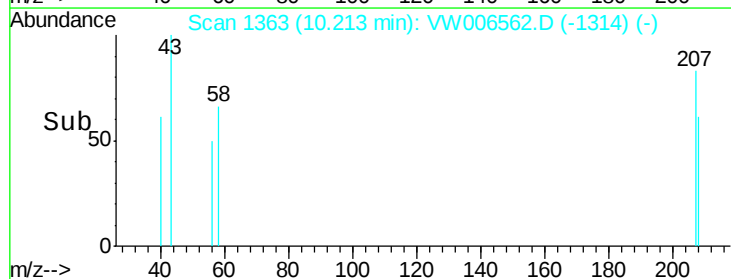
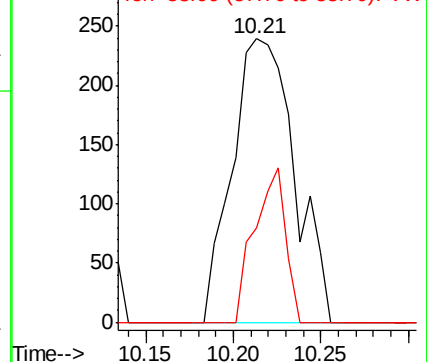
43 100

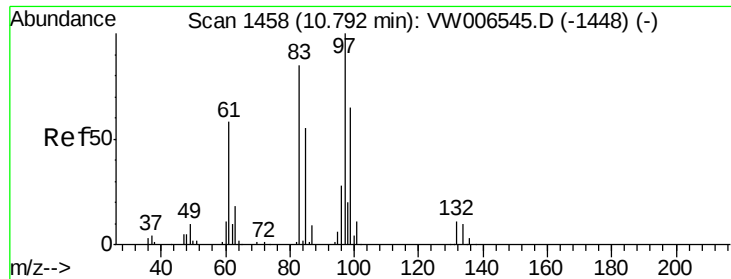
58 27.1 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

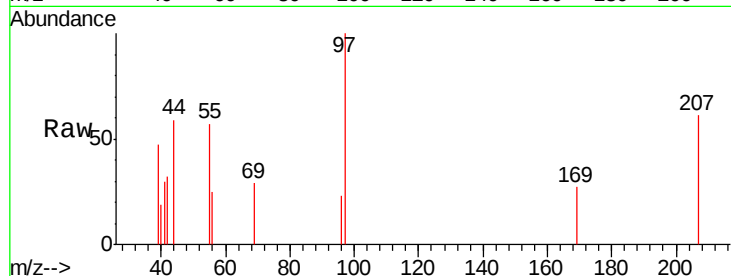




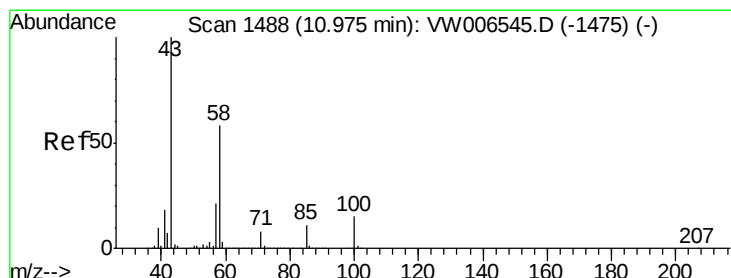
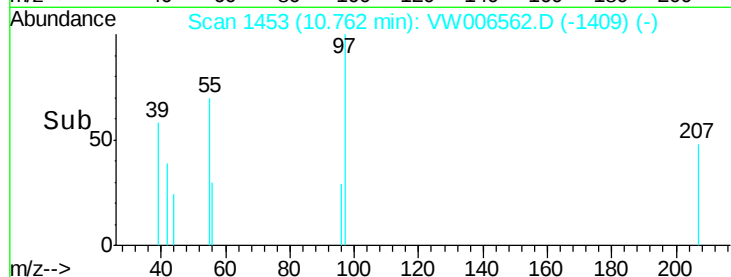
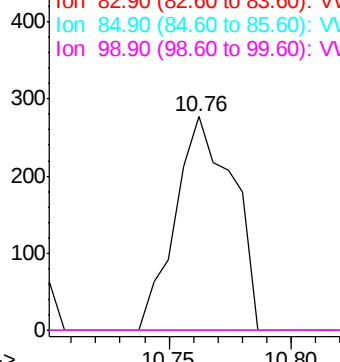
#55
 1,1,2-Trichloroethane
 Concen: 9.00 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampled :
 DL-07B

Tgt Ion: 97 Resp: 457
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.9 101.9#
 85 0.0 44.0 66.0#
 99 0.0 52.2 78.2#

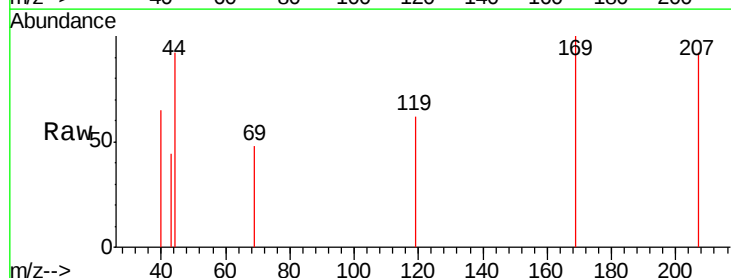


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

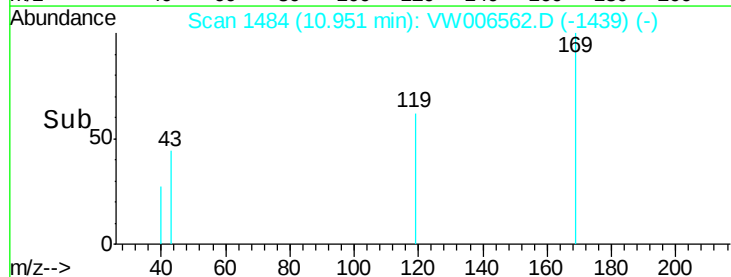
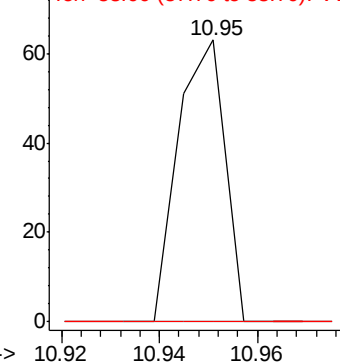


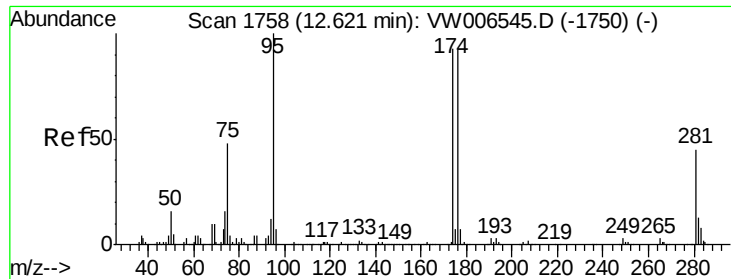
#59
 2-Hexanone
 Concen: 1.89 ug/l
 RT: 10.95 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

Tgt Ion: 43 Resp: 42
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.8 86.4#



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

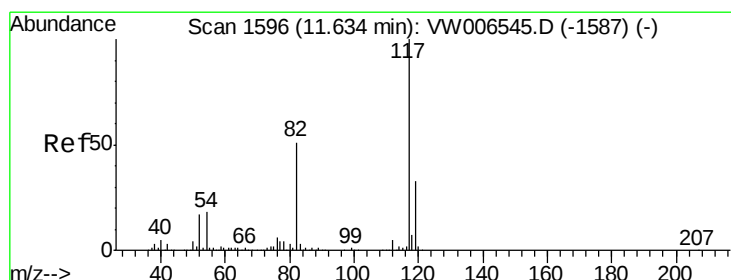
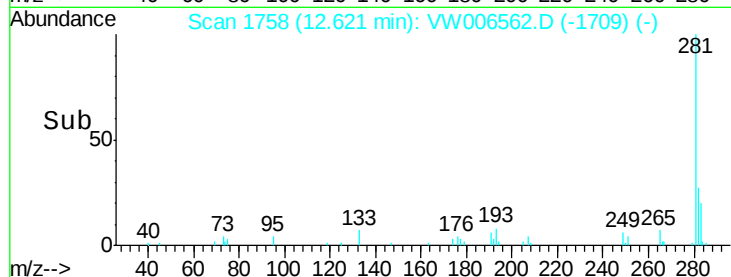
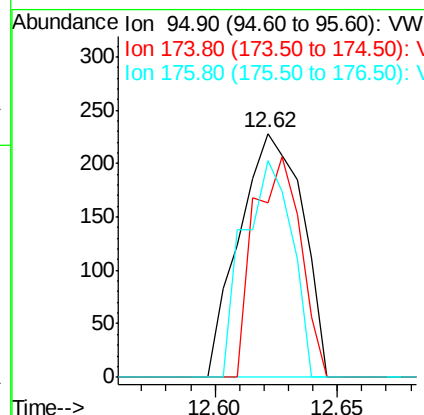
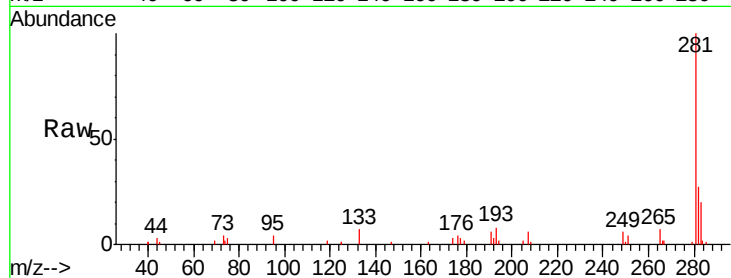




#62
4-Bromofluorobenzene
Concen: 4.54 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

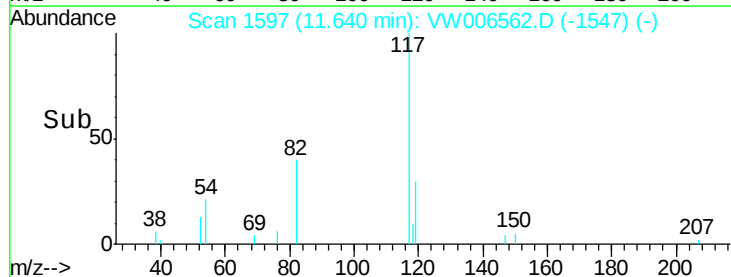
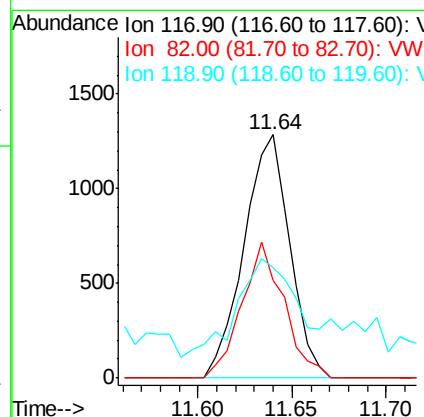
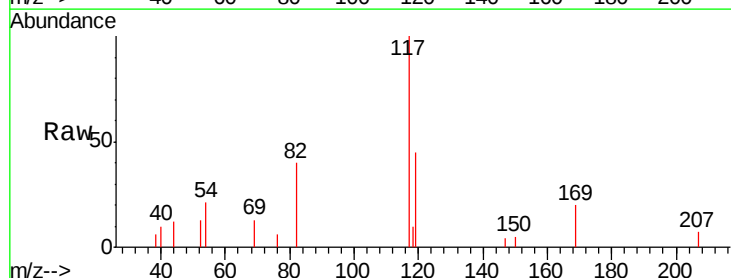
Instrument :
MSVOA_W
ClientSampleId :
DL-07B

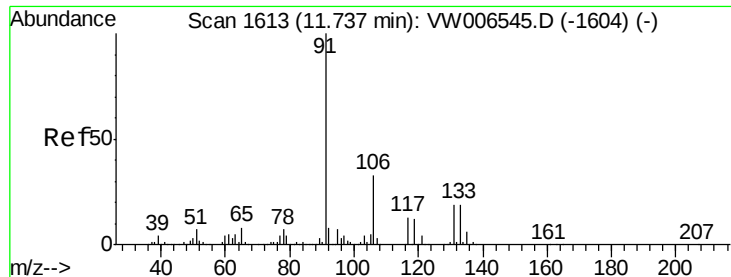
Tgt Ion: 95 Resp: 412
Ion Ratio Lower Upper
95 100
174 66.0 0.0 192.4
176 67.7 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 117 Resp: 2163
Ion Ratio Lower Upper
117 100
82 39.9 40.8 61.2#
119 33.7 26.1 39.1

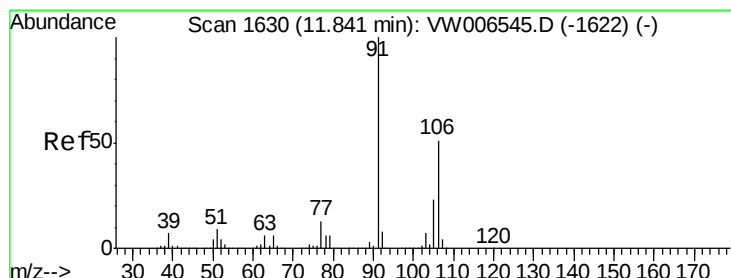
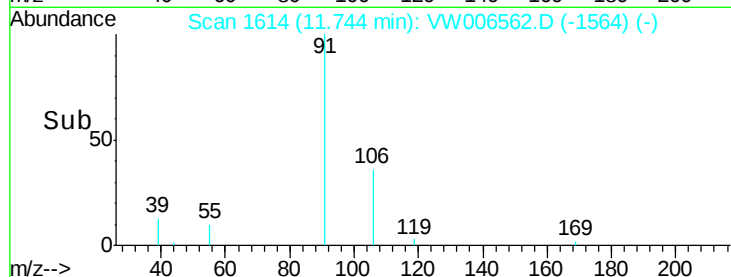
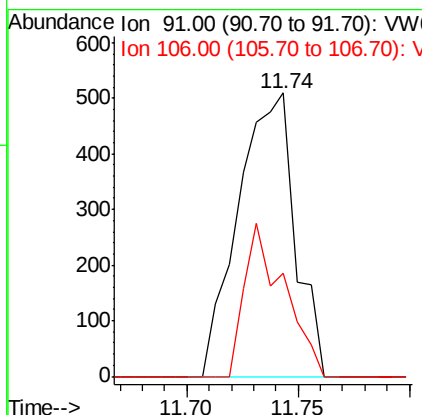
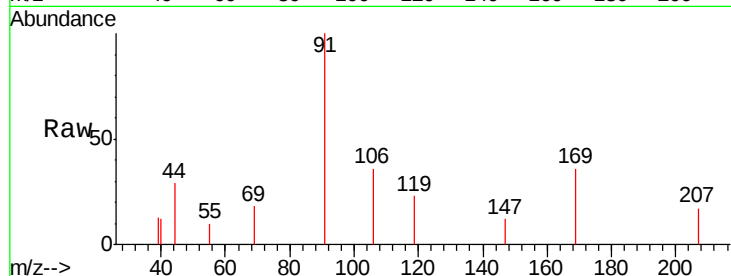




#67
Ethyl Benzene
Concen: 11.88 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

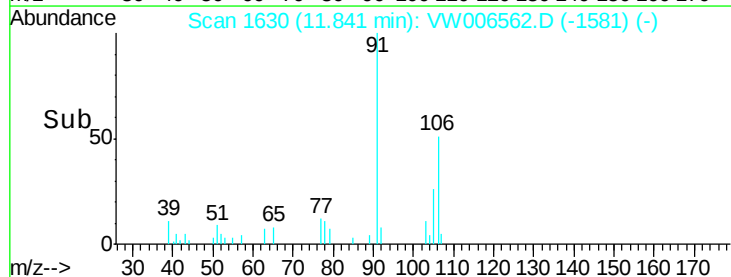
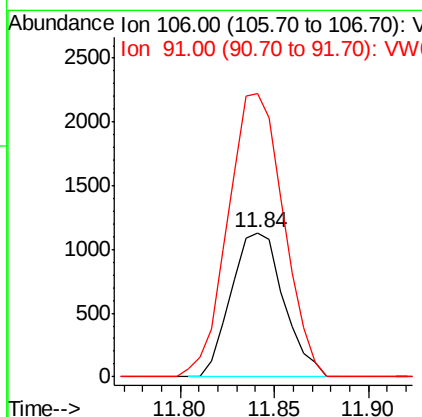
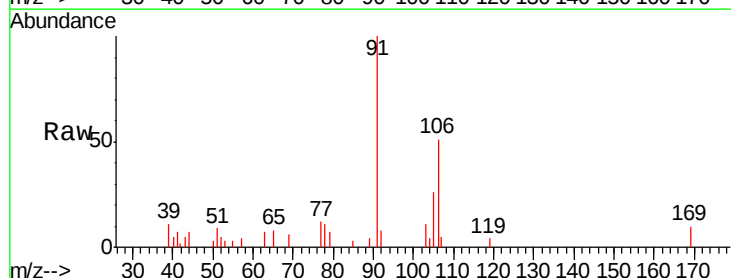
Instrument :
MSVOA_W
ClientSampleId :
DL-07B

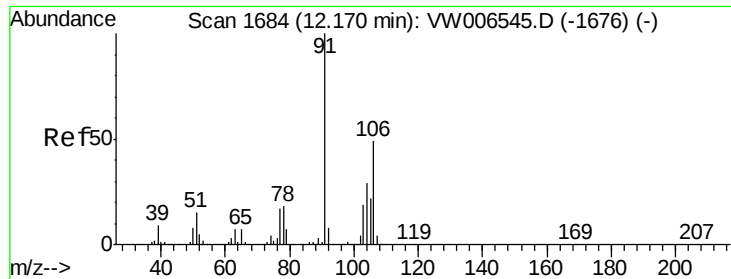
Tgt Ion: 91 Resp: 904
Ion Ratio Lower Upper
91 100
106 36.3 26.3 39.5



#68
m/p-Xylenes
Concen: 72.08 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 106 Resp: 2191
Ion Ratio Lower Upper
106 100
91 206.8 156.7 235.1

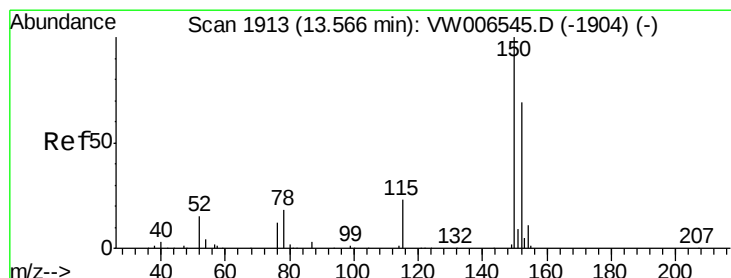
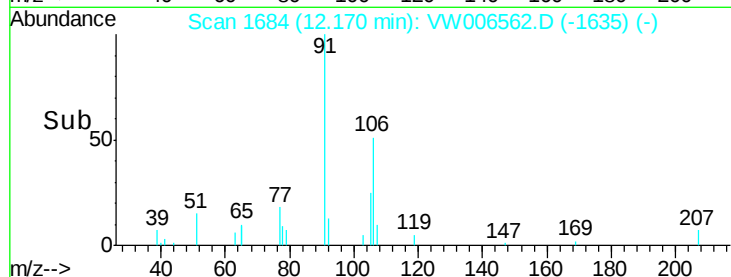
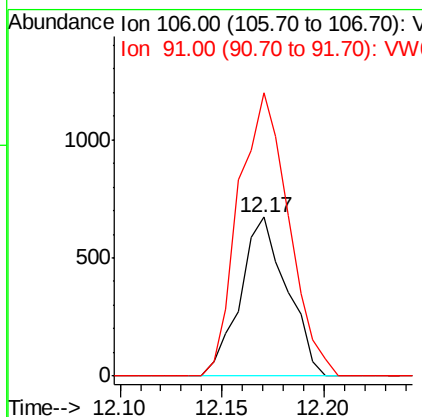
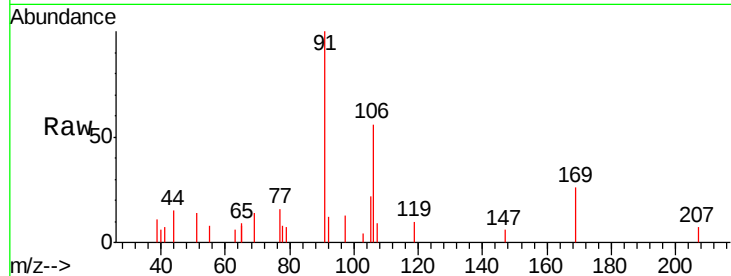




#69
o-Xylene
Concen: 37.01 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

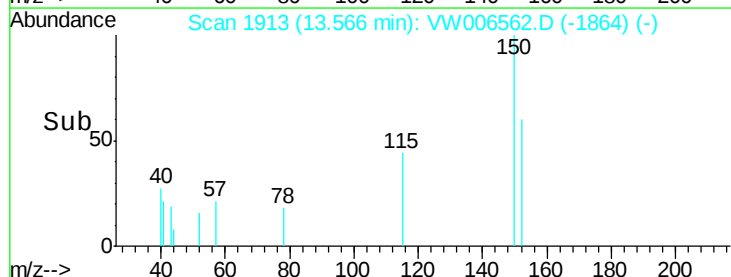
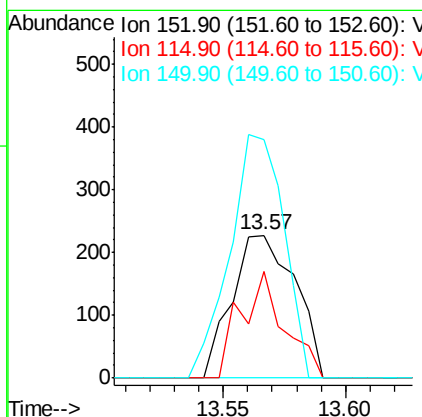
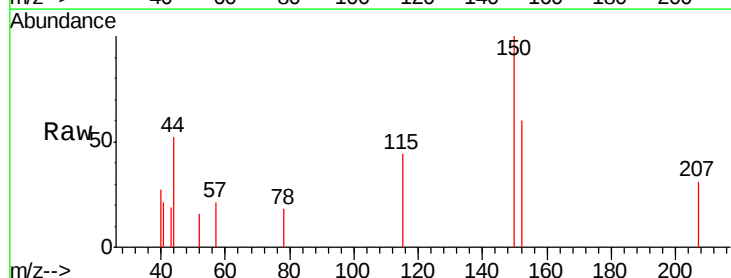
Instrument :
MSVOA_W
ClientSampled :
DL-07B

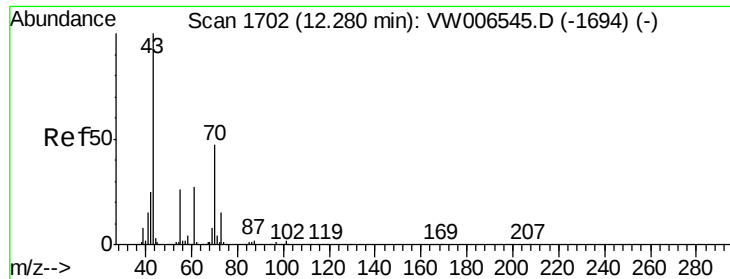
Tgt Ion:106 Resp: 1071
Ion Ratio Lower Upper
106 100
91 191.2 102.8 308.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion:152 Resp: 408
Ion Ratio Lower Upper
152 100
115 51.2 26.6 79.8
150 145.6 0.0 344.6

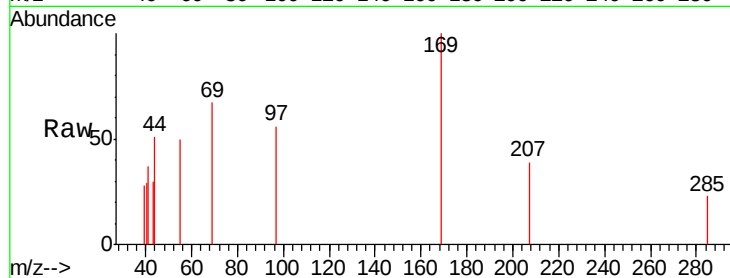




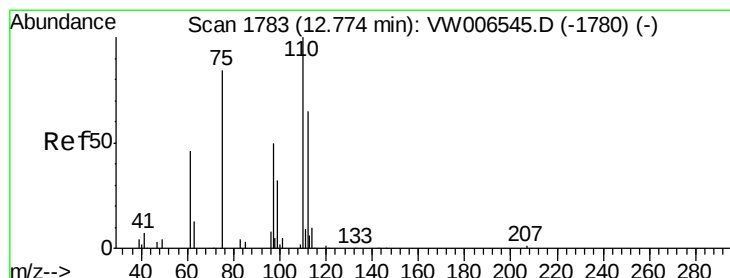
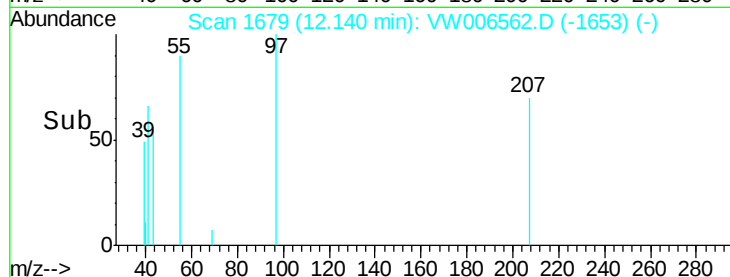
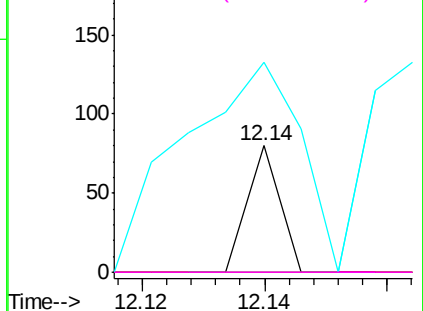
#74
N-amyI acetate
Concen: 6.24 ug/l
RT: 12.14 min Scan# 1679
Delta R.T. -0.14 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
DL-07B

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
70 0.0 36.9 55.3#
55 610.3 20.7 31.1#
61 0.0 20.7 31.1#

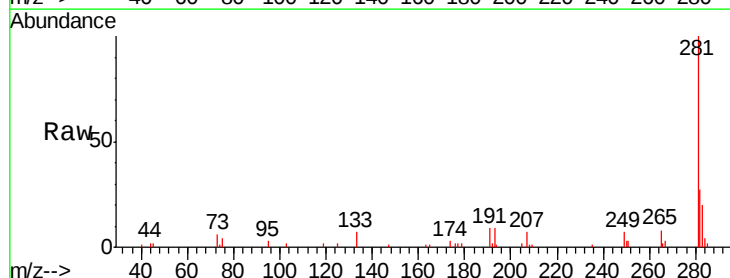


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

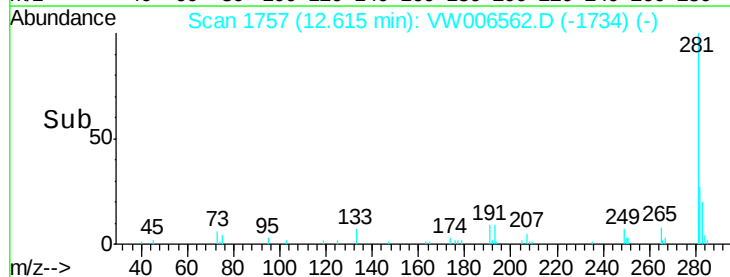
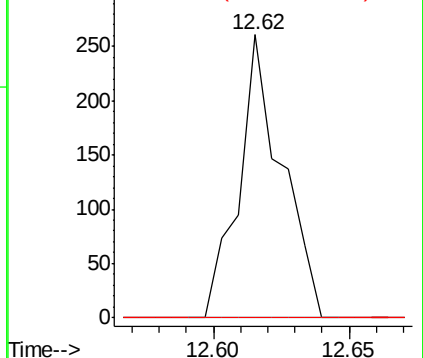


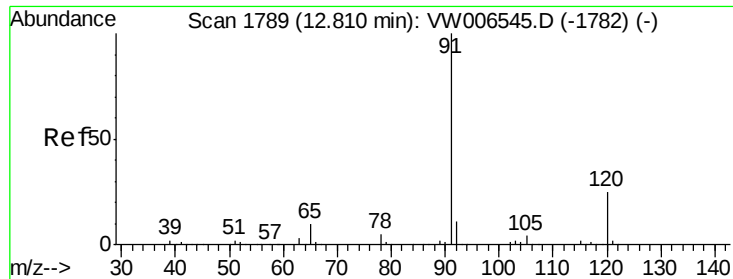
#76
1,2,3-Trichloropropane
Concen: 89.53 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.16 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 1.42 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

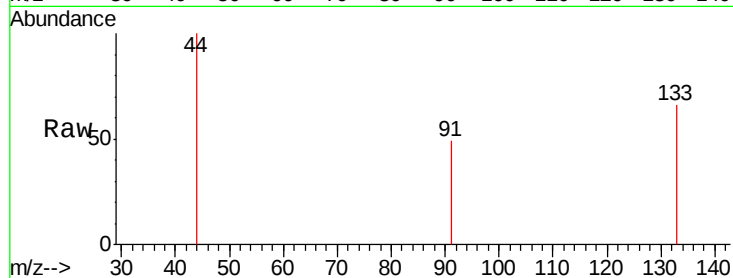
DL-07B

Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

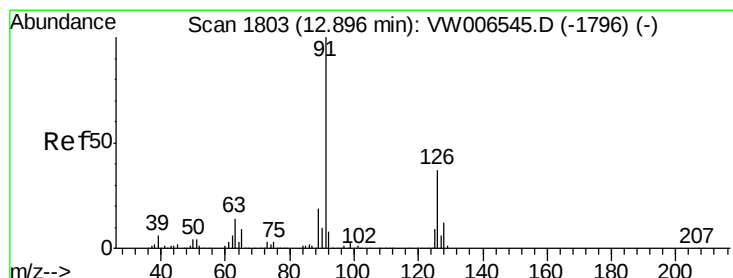
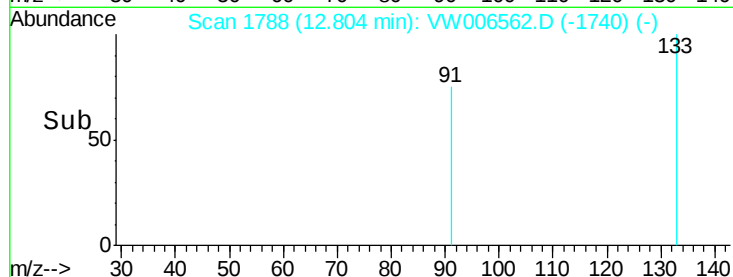
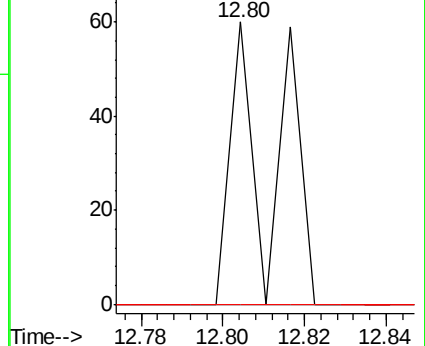
91 100

120 0.0 12.4 37.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.48 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW006562.D

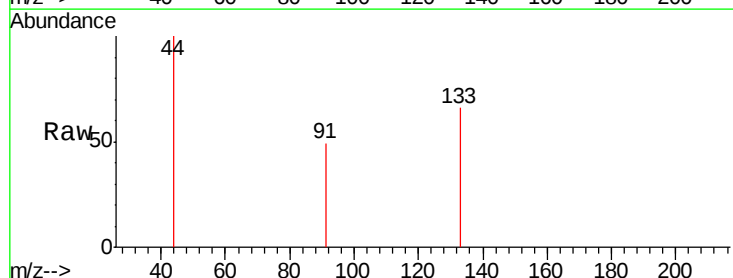
Acq: 01 Nov 2018 16:32

Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

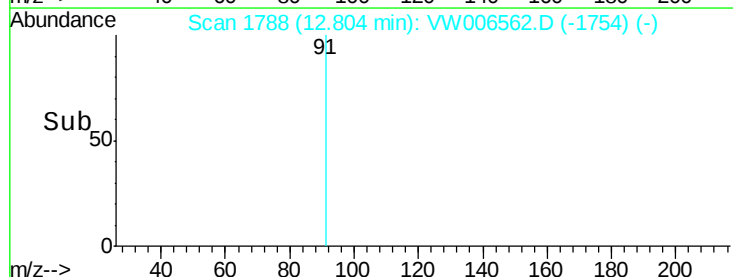
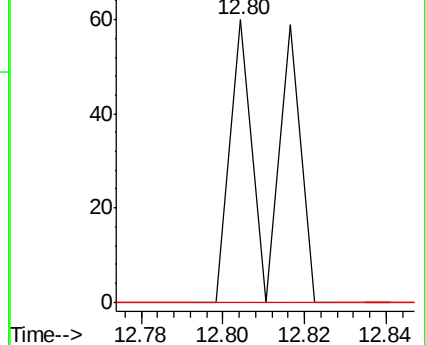
91 100

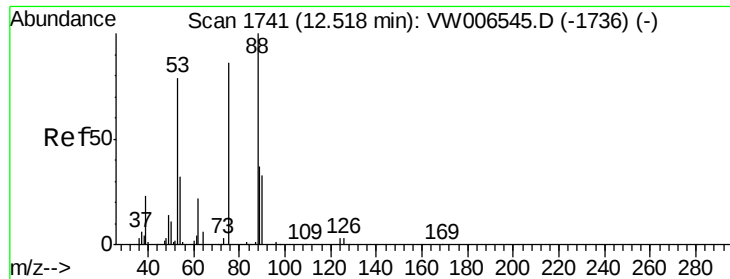
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

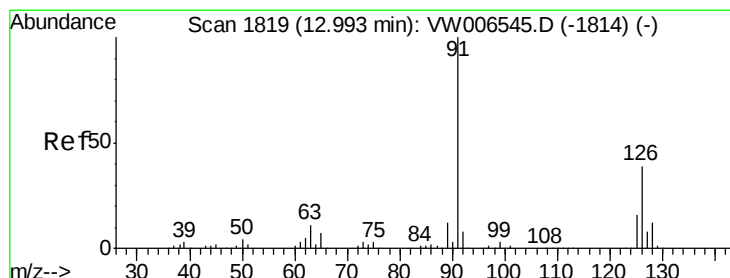
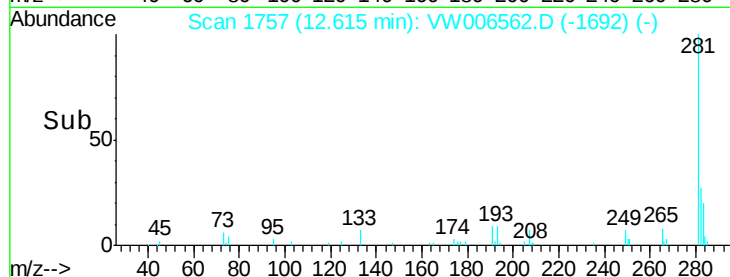
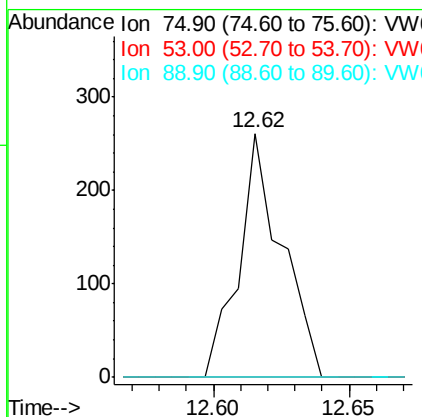
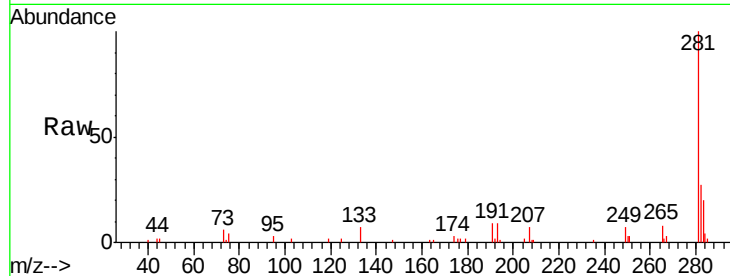




#81
trans-1,4-Dichloro-2-butene
Concen: 222.18 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

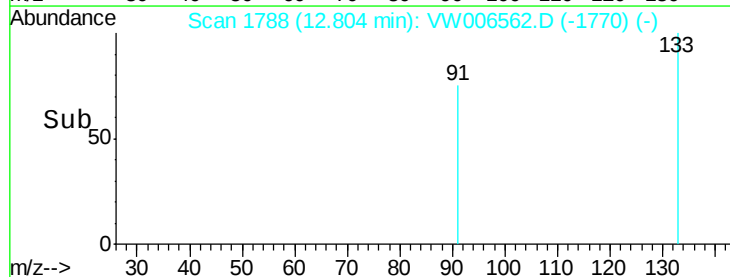
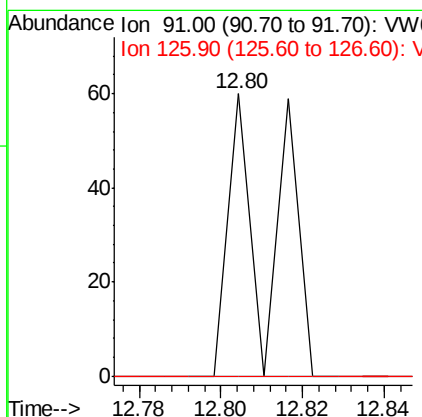
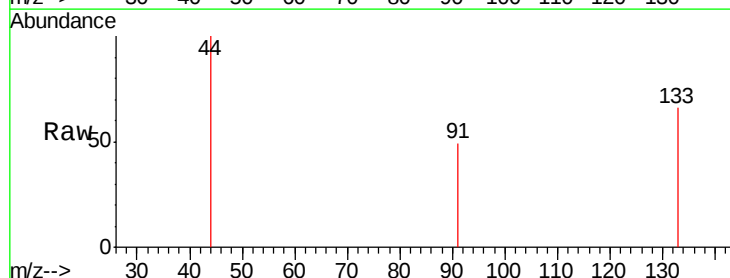
Instrument :
MSVOA_W
ClientSampleId :
DL-07B

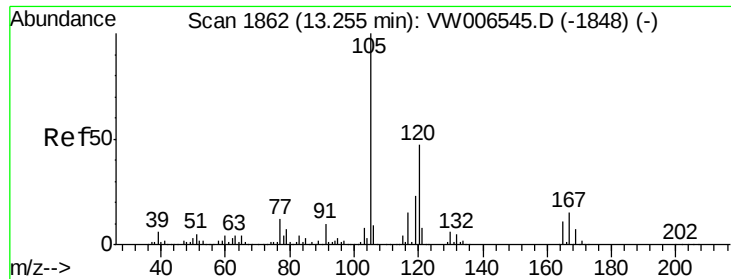
Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
53 0.0 77.2 115.8#
89 0.0 38.6 58.0#



#82
4-Chlorotoluene
Concen: 2.34 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.19 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion: 91 Resp: 44
Ion Ratio Lower Upper
91 100
126 0.0 18.5 55.5#

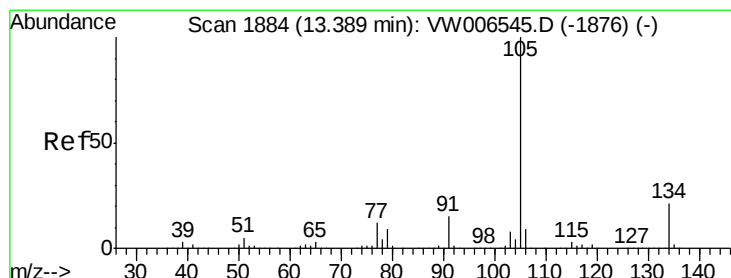
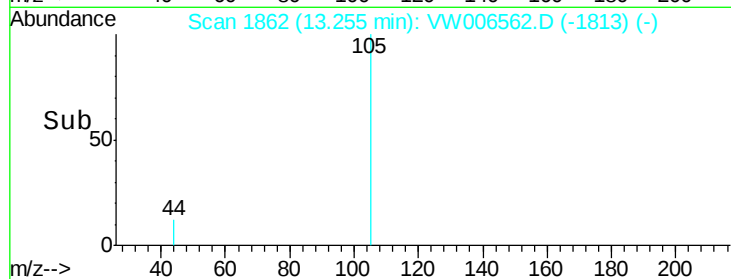
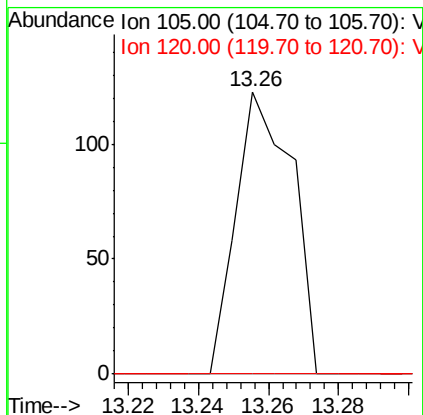
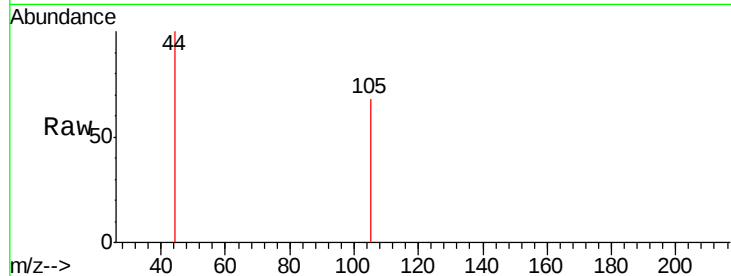




#84
1,2,4-Trimethylbenzene
Concen: 5.92 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

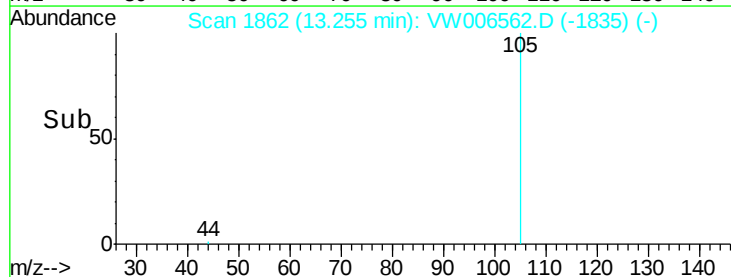
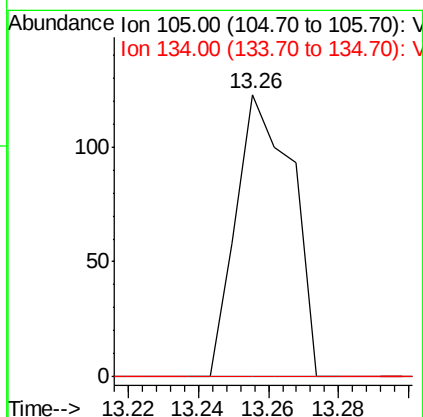
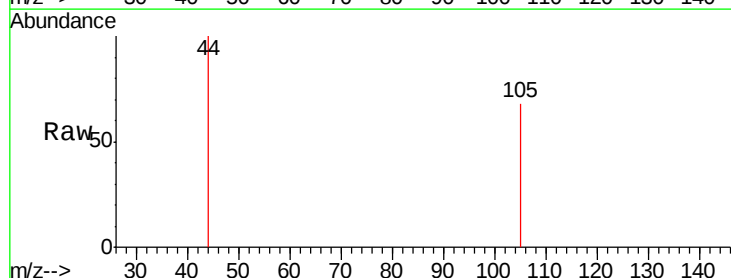
Instrument :
MSVOA_W
ClientSampled :
DL-07B

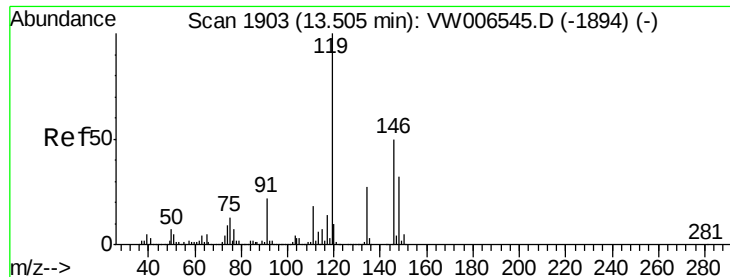
Tgt Ion:105 Resp: 137
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#85
sec-Butylbenzene
Concen: 4.86 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW006562.D
Acq: 01 Nov 2018 16:32

Tgt Ion:105 Resp: 137
Ion Ratio Lower Upper
105 100
134 0.0 10.6 31.8#

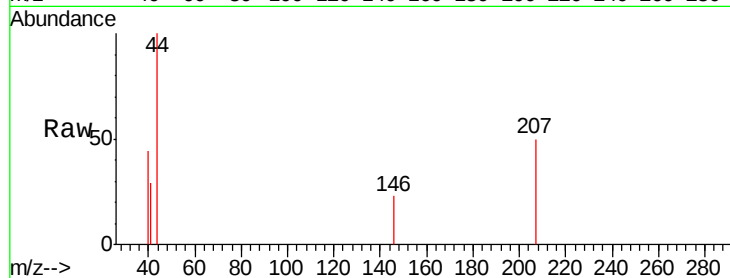




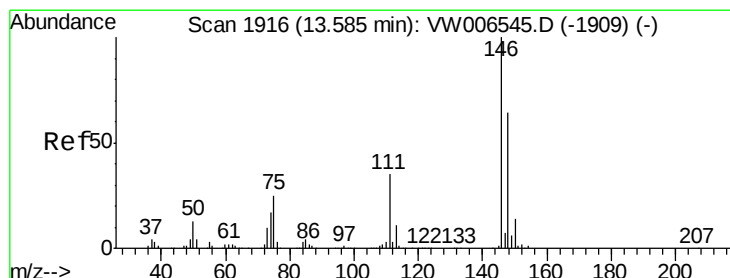
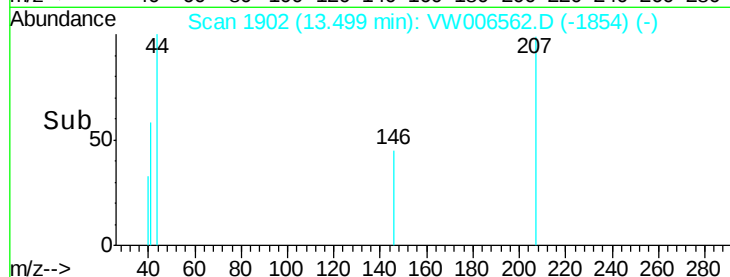
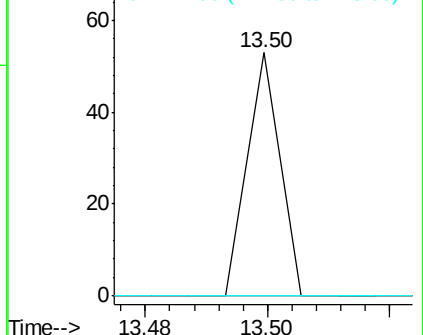
#87
 1,3-Dichlorobenzene
 Concen: 1.39 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-07B

Tgt Ion:146 Resp: 19
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.6 55.6#
 148 0.0 32.1 96.3#

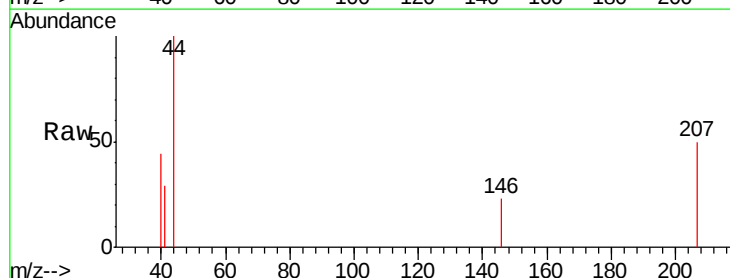


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

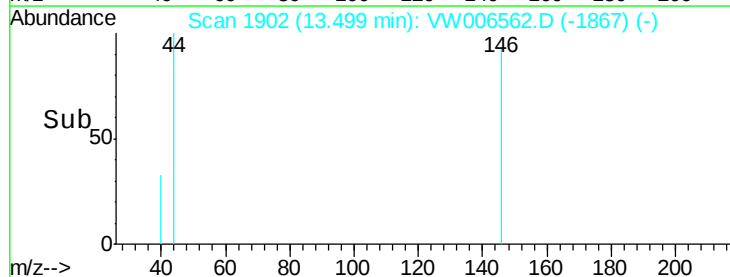
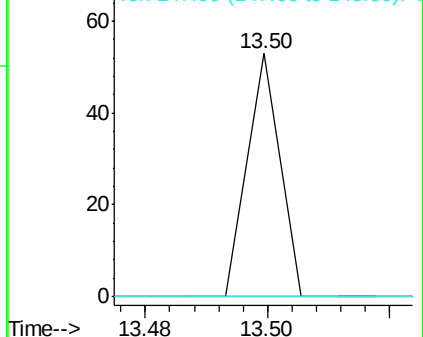


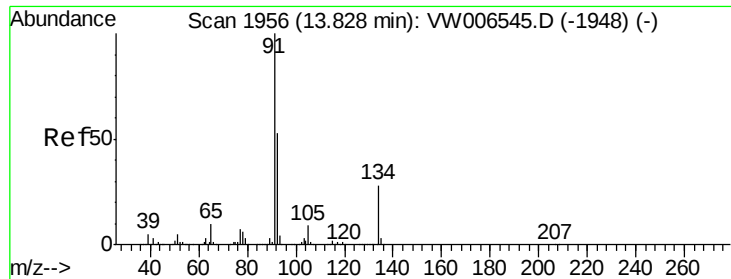
#88
 1,4-Dichlorobenzene
 Concen: 1.40 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.09 min
 Lab File: VW006562.D
 Acq: 01 Nov 2018 16:32

Tgt Ion:146 Resp: 19
 Ion Ratio Lower Upper
 146 100
 111 0.0 17.9 53.7#
 148 0.0 32.1 96.5#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.05 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.26 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

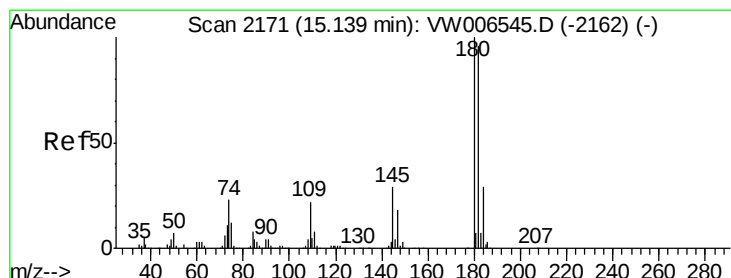
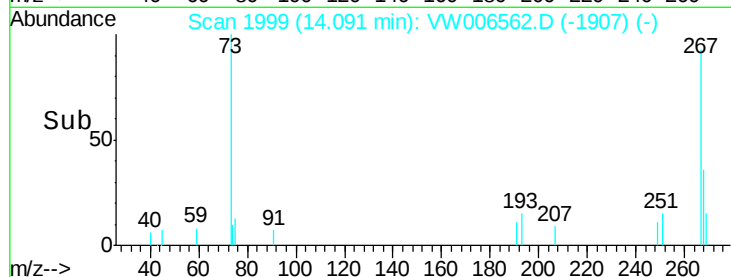
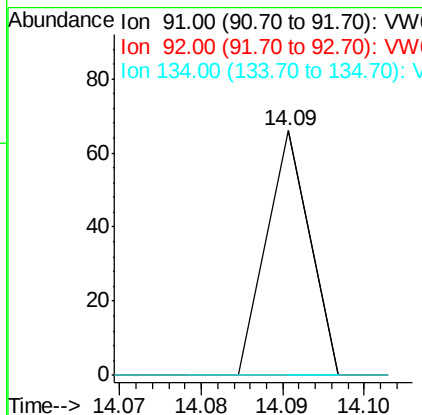
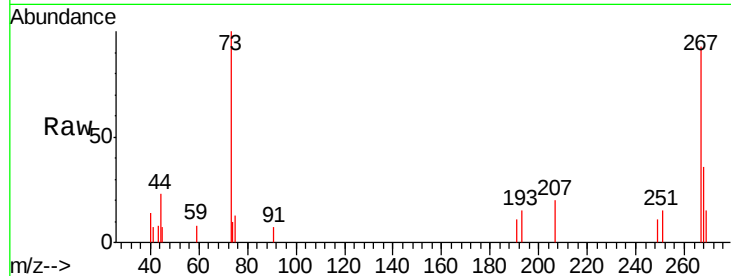
Instrument :

MSVOA_W

ClientSampleId :

DL-07B

Tgt Ion:	91	Resp:	24
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.4	79.0#
134	0.0	14.3	42.9#



#93

1,2,4-Trichlorobenzene

Concen: 6.98 ug/l

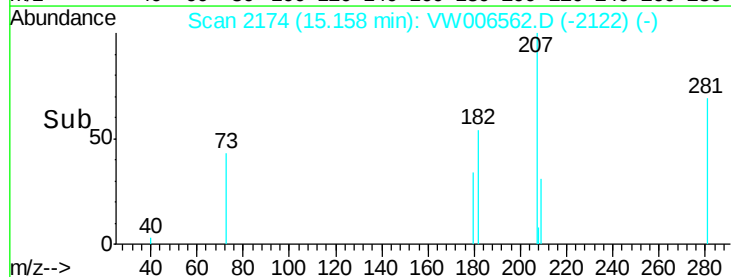
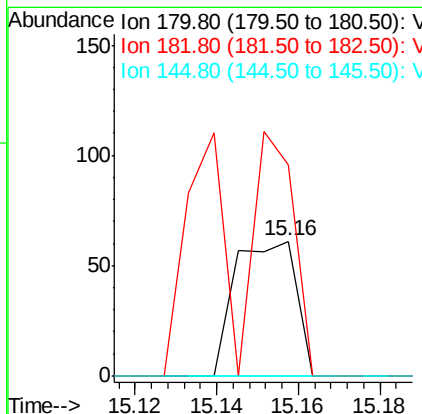
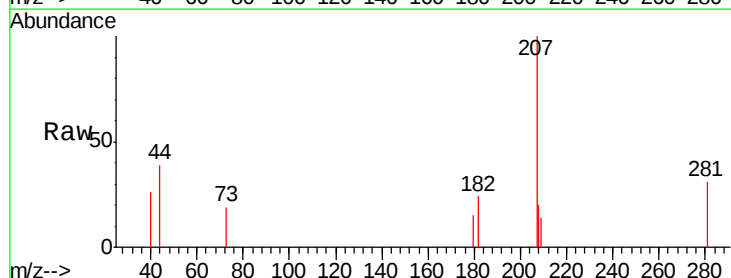
RT: 15.16 min Scan# 2174

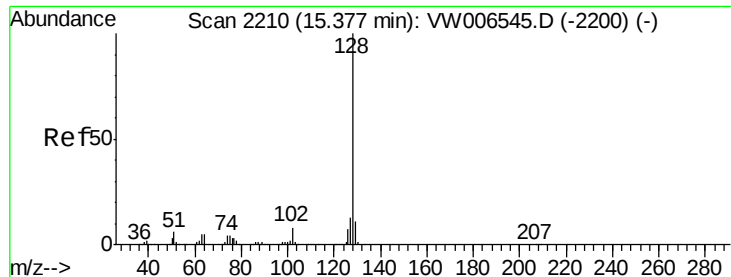
Delta R.T. 0.02 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Tgt Ion:	180	Resp:	64
Ion	Ratio	Lower	Upper
180	100		
182	118.8	47.5	142.6
145	0.0	14.0	42.0#





#95

Naphthalene

Concen: 13.78 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006562.D

Acq: 01 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DL-07B

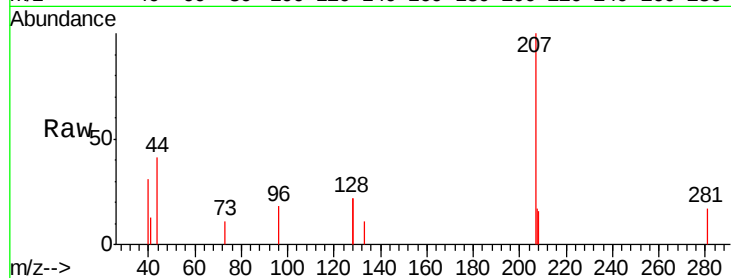
Tgt Ion:128 Resp: 203

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



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

