

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007837.D
 Acq On : 22 Dec 2018 12:16
 Operator : SY/AP
 Sample : J6426-18
 Misc : 6.60G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS019-1824-01

Quant Time: Dec 25 02:19:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	32761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	58959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	20150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	3590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	28995	80.75	ug/l	0.00
Spiked Amount			Recovery	=	161.50%	
35) Dibromofluoromethane	7.88	113	22751	63.25	ug/l	0.00
Spiked Amount			Recovery	=	126.50%	
50) Toluene-d8	10.32	98	29693	21.90	ug/l	0.00
Spiked Amount			Recovery	=	43.80%	
62) 4-Bromofluorobenzene	12.62	95	6451	12.32	ug/l	0.00
Spiked Amount			Recovery	=	24.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.37	62	4081	17.926	ug/l	96
6) Chloroethane	2.93	64	3254	26.717	ug/l	93
11) Tert butyl alcohol	5.18	59	4088	168.769	ug/l	100
12) 1,1-Dichloroethene	4.04	96	2689	8.319	ug/l #	87
16) Acetone	4.12	43	23659	351.858	ug/l	99
18) Methyl Acetate	4.67	43	3312	20.711	ug/l	92
20) Methylene Chloride	4.91	84	11158	30.755	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	1403	3.947	ug/l	98
24) 1,1-Dichloroethane	6.21	63	578210	990.296	ug/l	99
25) 2-Butanone	7.17	43	9195	116.750	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	46421	122.568	ug/l	94
30) Chloroform	7.68	83	8557	12.950	ug/l	97
31) Cyclohexane	7.95	56	14907	27.888	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	50561	84.017	ug/l	99
39) Methylcyclohexane	9.34	83	23993	33.931	ug/l	96
40) Benzene	8.32	78	128138	84.383	ug/l	99
42) 1,2-Dichloroethane	8.40	62	540161	1061.450	ug/l	98
44) Trichloroethene	9.09	130	16542	36.022	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	101947	548.256	ug/l	99
52) Toluene	10.39	92	2310536	2267.833	ug/l	100
64) Tetrachloroethene	10.87	164	15005	105.160	ug/l	93
65) Chlorobenzene	11.66	112	18334	42.038	ug/l	99
67) Ethyl Benzene	11.73	91	485793	649.108	ug/l	99
68) m/p-Xylenes	11.83	106	669544	2306.263	ug/l	98
69) o-Xylene	12.17	106	274206	1007.616	ug/l	100
73) Isopropylbenzene	12.47	105	54250	199.916	ug/l	98
78) n-propylbenzene	12.81	91	91063	288.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	245776	1050.006	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	823059	3484.723	ug/l	100
85) sec-Butylbenzene	13.39	105	40402	142.738	ug/l	85
86) p-Isopropyltoluene	13.51	119	48336	187.799	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	88989	720.695	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	519392	4205.161	ug/l	100
89) n-Butylbenzene	13.83	91	21844	92.565	ug/l #	56

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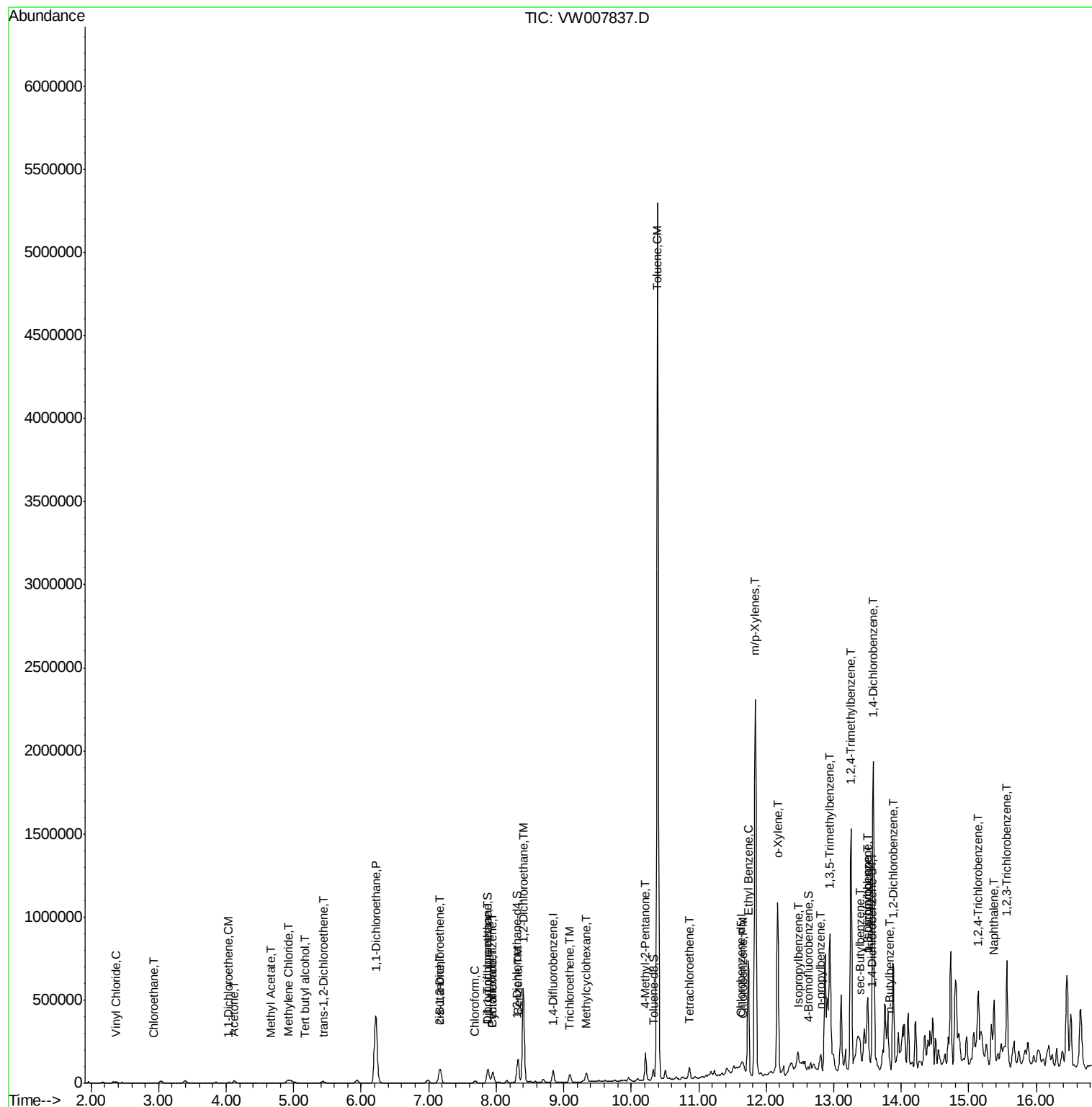
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.88	146	11944	108.038	ug/l #	71
93) 1,2,4-Trichlorobenzene	15.14	180	126587	1649.541	ug/l #	88
95) Naphthalene	15.38	128	341806	2409.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	27179	413.745	ug/l #	51

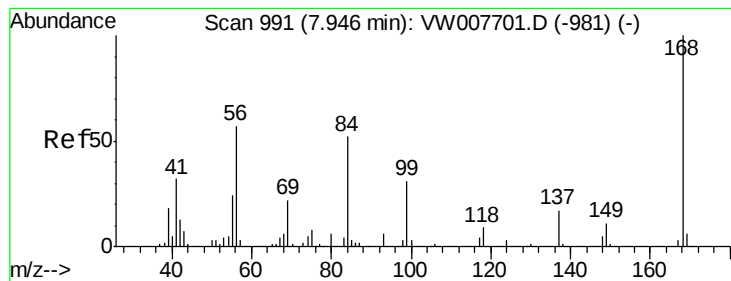
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

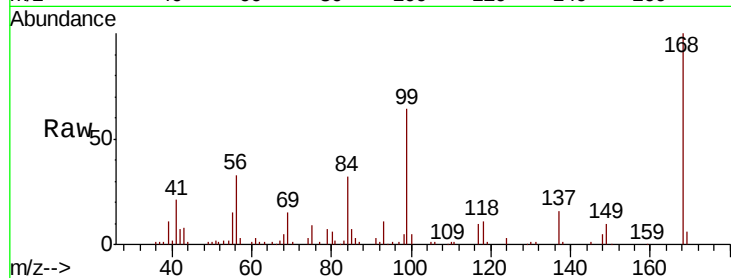
P001-SS019-1824-01

Tot Ion:168 Resp: 32761

Ion Ratio Lower Upper

168 100

99 64.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

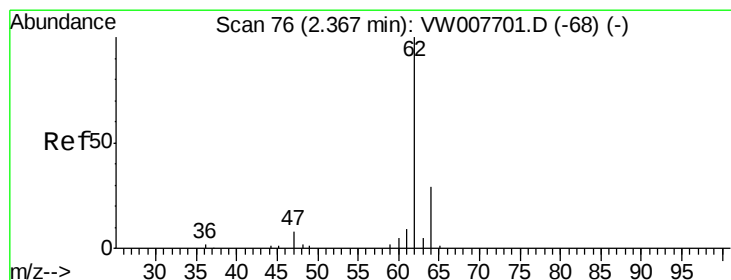
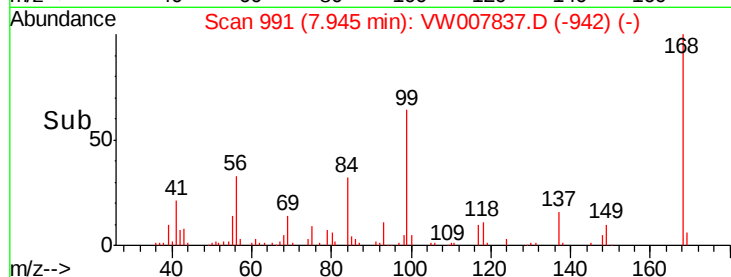
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#4

Vinyl Chloride

Concen: 17.926 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007837.D

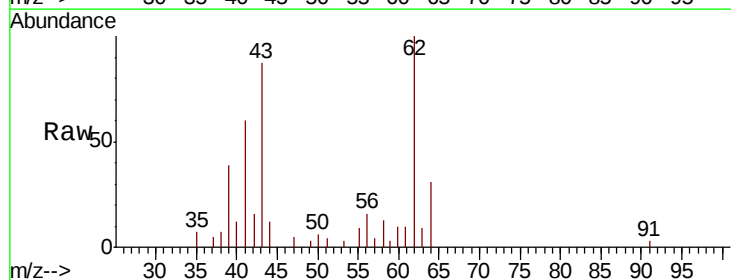
Acq: 22 Dec 2018 12:16

Tgt Ion: 62 Resp: 4081

Ion Ratio Lower Upper

62 100

64 31.3 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

2000

1500

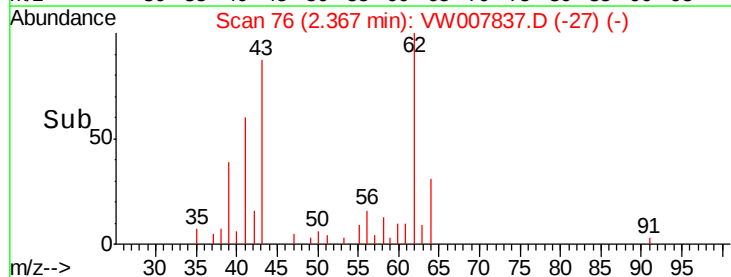
1000

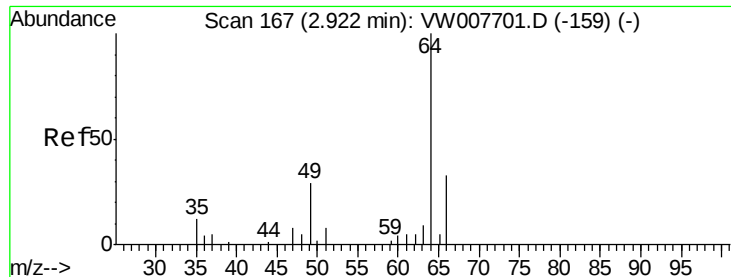
500

0

2.30 2.35 2.40 2.45

Time-->





#6

Chloroethane

Concen: 26.717 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

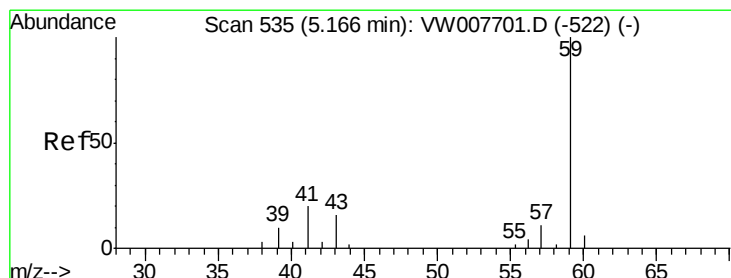
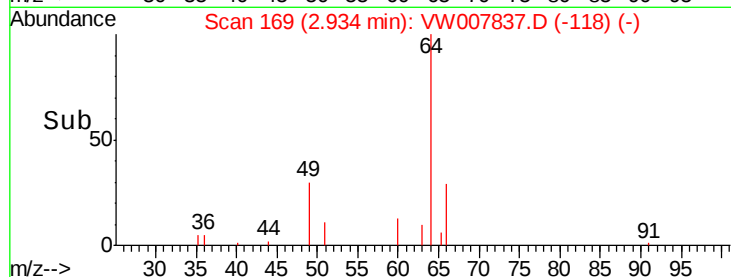
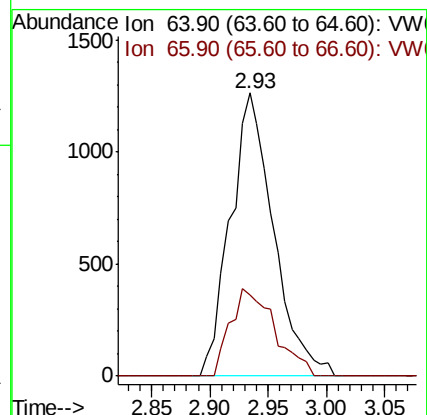
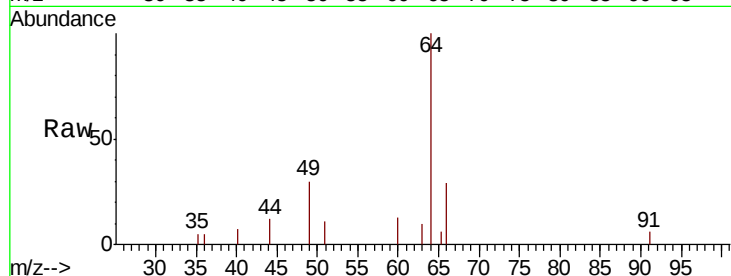
P001-SS019-1824-01

Tot Ion: 64 Resp: 3254

Ion Ratio Lower Upper

64 100

66 28.7 26.2 39.4



#11

Tert butyl alcohol

Concen: 168.769 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007837.D

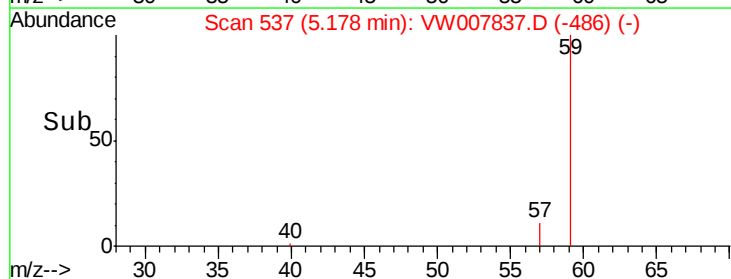
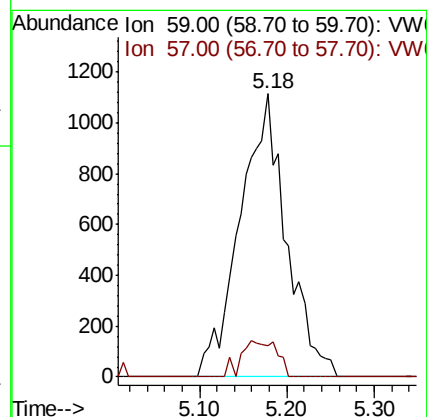
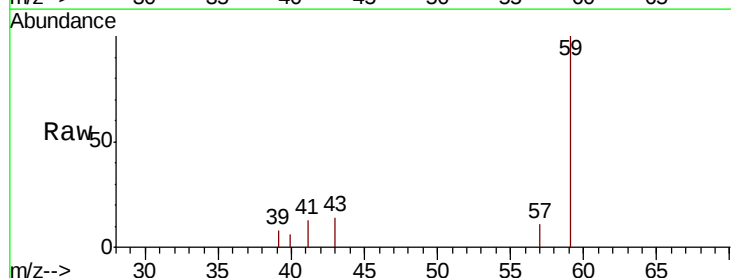
Acq: 22 Dec 2018 12:16

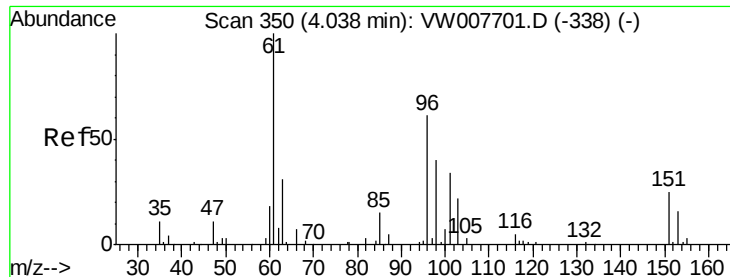
Tgt Ion: 59 Resp: 4088

Ion Ratio Lower Upper

59 100

57 9.9 7.8 11.8





#12

1,1-Dichloroethene

Concen: 8.319 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

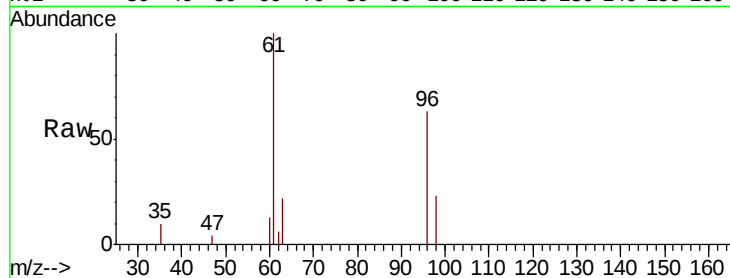
Tot Ion: 96 Resp: 2689

Ion Ratio Lower Upper

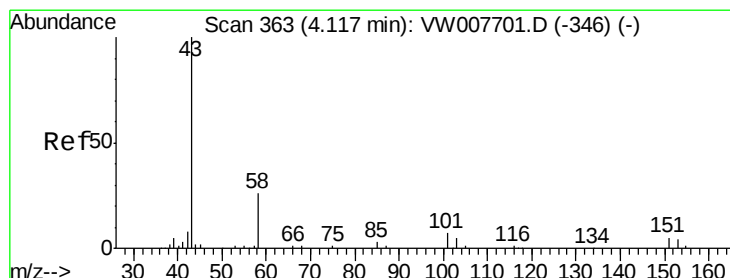
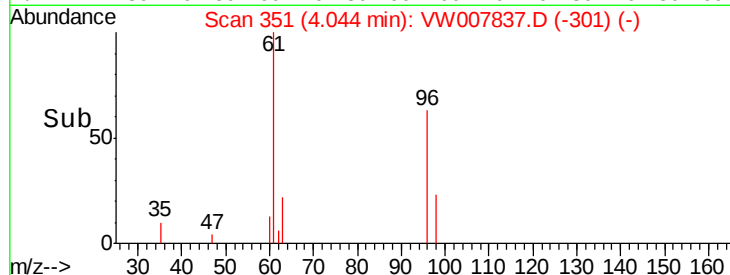
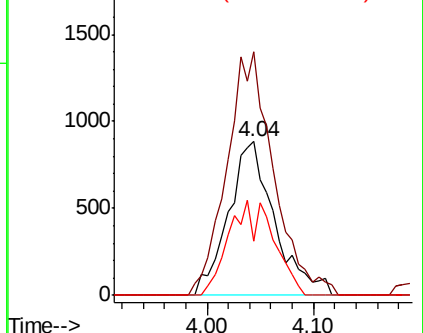
96 100

61 158.2 130.6 195.8

98 35.6 52.3 78.5#



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



#16

Acetone

Concen: 351.858 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007837.D

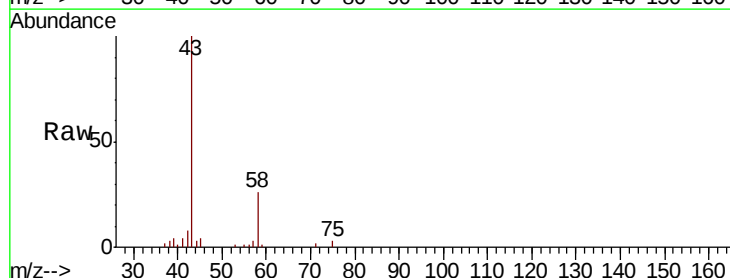
Acq: 22 Dec 2018 12:16

Tgt Ion: 43 Resp: 23659

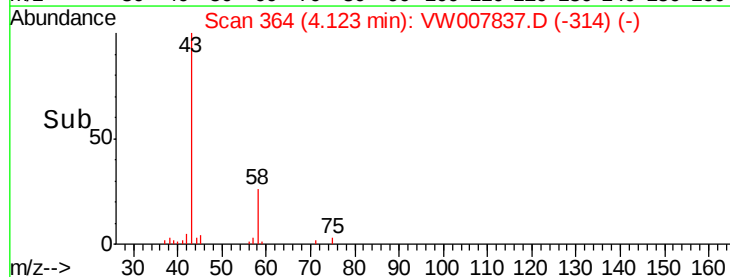
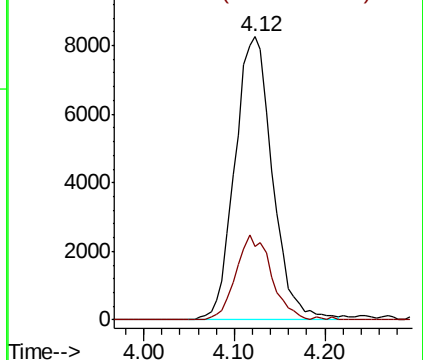
Ion Ratio Lower Upper

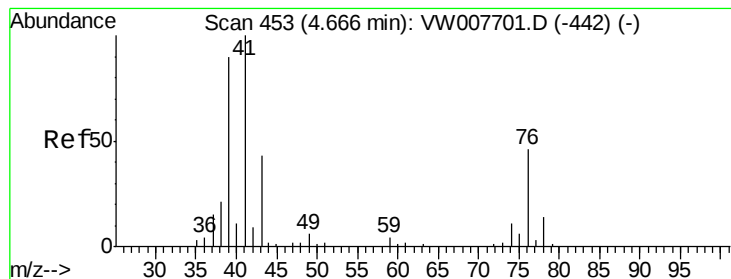
43 100

58 25.8 21.2 31.8



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





#18

Methyl Acetate

Concen: 20.711 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

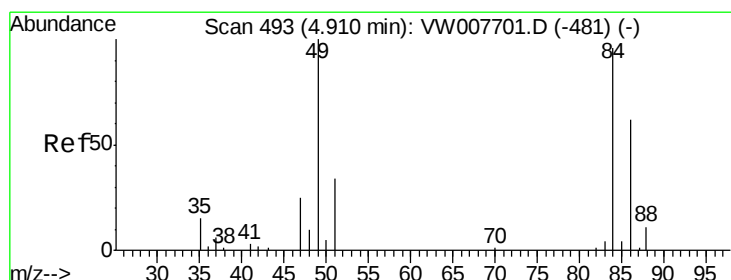
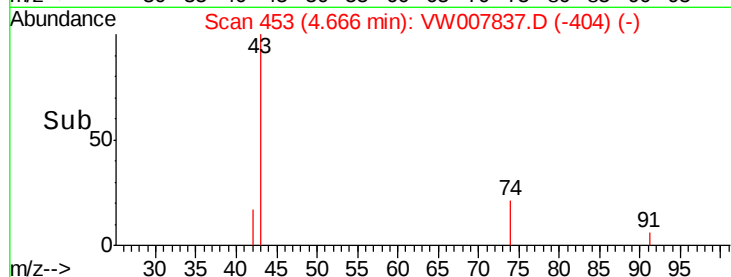
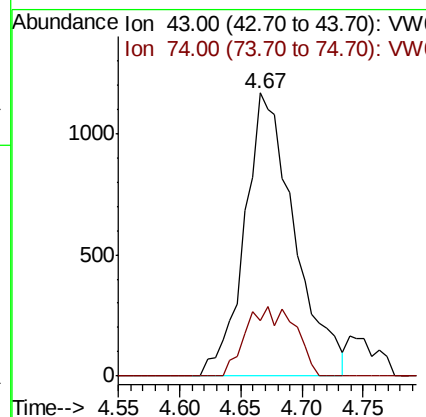
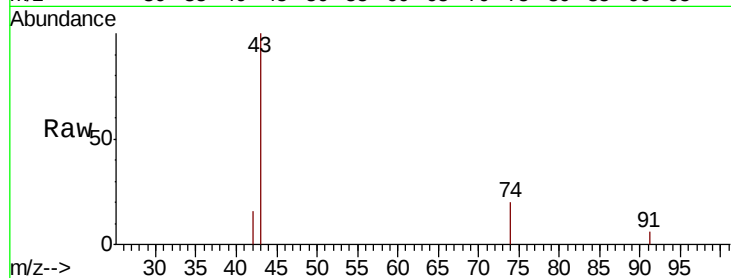
P001-SS019-1824-01

Tot Ion: 43 Resp: 3312

Ion Ratio Lower Upper

43 100

74 24.2 22.7 34.1



#20

Methylene Chloride

Concen: 30.755 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Tgt Ion: 84 Resp: 11158

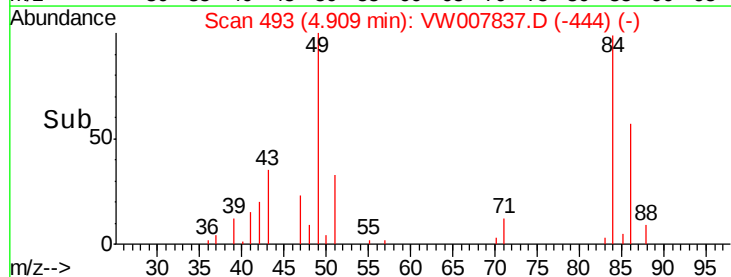
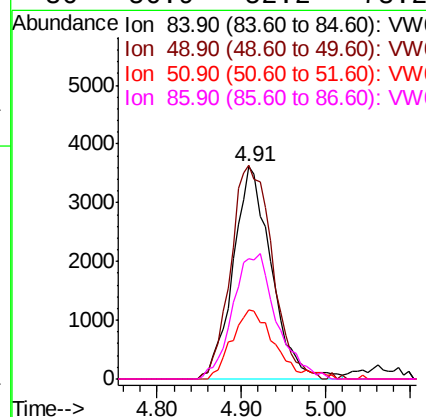
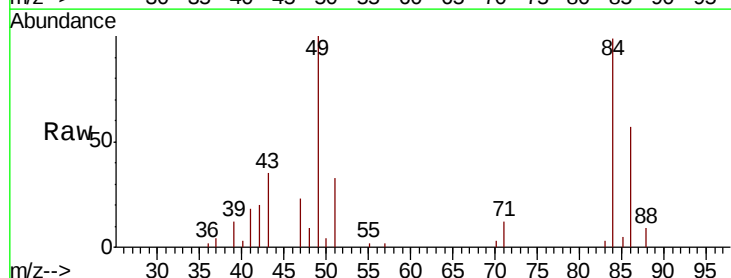
Ion Ratio Lower Upper

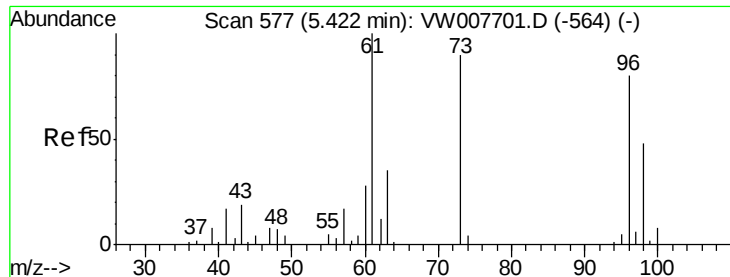
84 100

49 100.5 83.7 125.5

51 32.7 28.2 42.2

86 56.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 3.947 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

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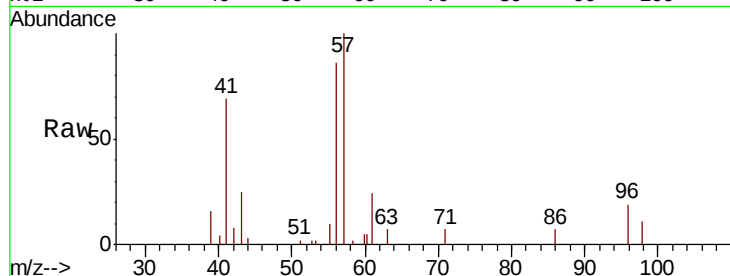
Tot Ion: 96 Resp: 1403

Ion Ratio Lower Upper

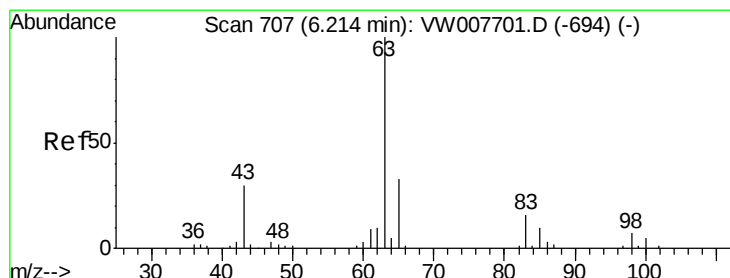
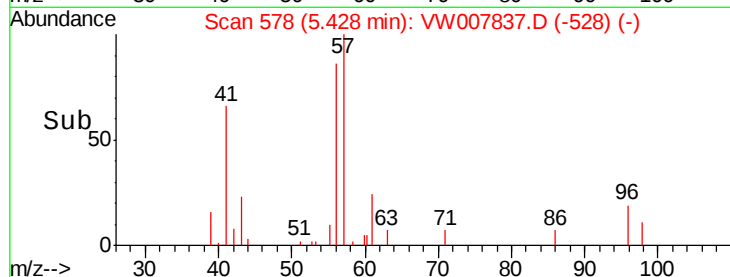
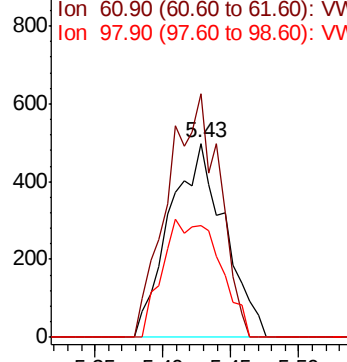
96 100

61 125.7 100.1 150.1

98 57.4 48.5 72.7



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



#24

1,1-Dichloroethane

Concen: 990.296 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

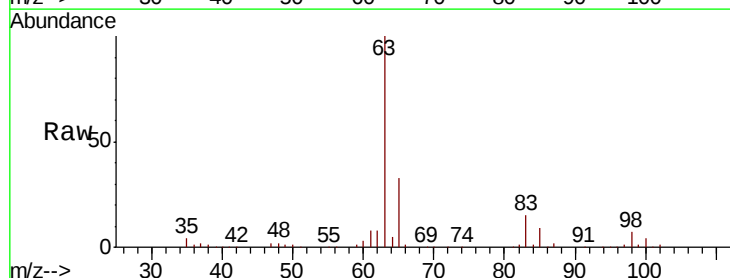
Tgt Ion: 63 Resp: 578210

Ion Ratio Lower Upper

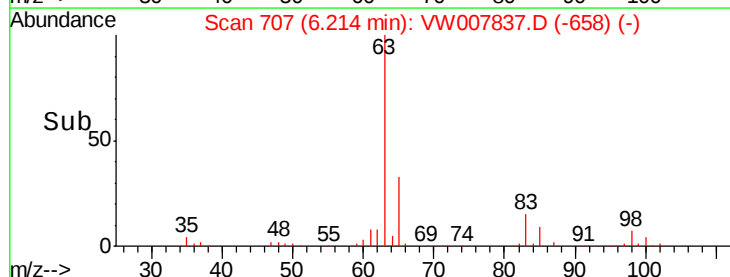
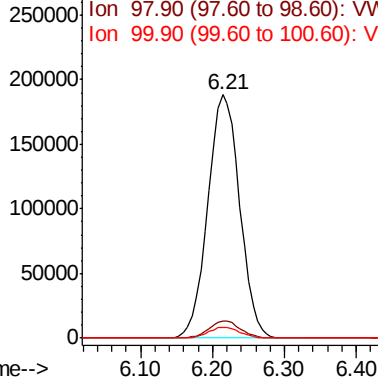
63 100

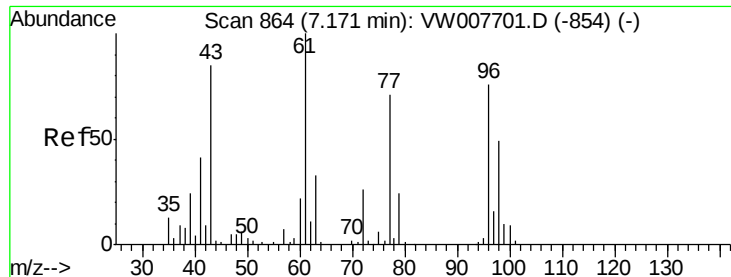
98 7.2 3.6 10.9

100 4.4 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

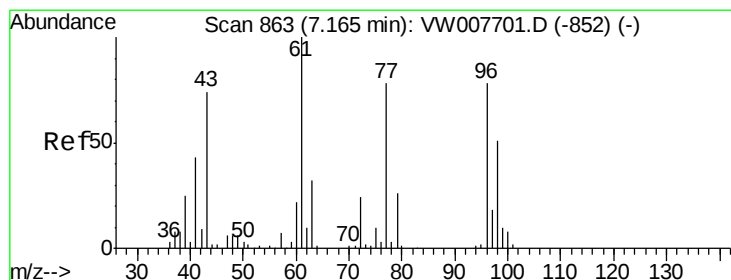
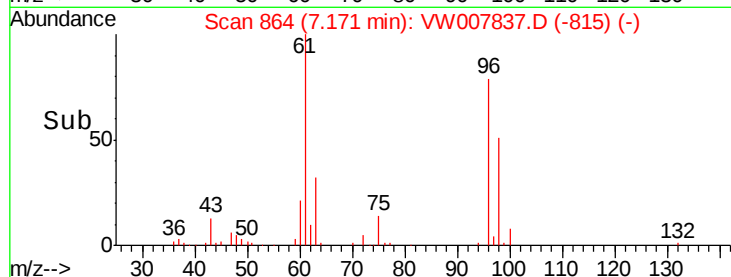
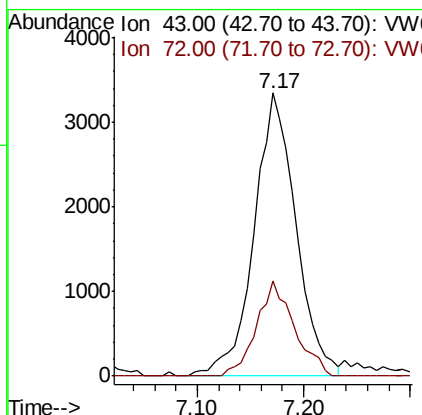
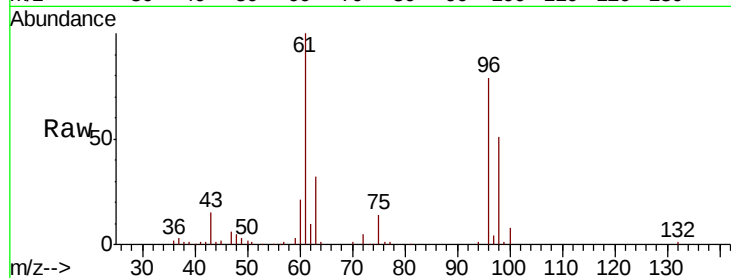




#25
2-Butanone
Concen: 116.750 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

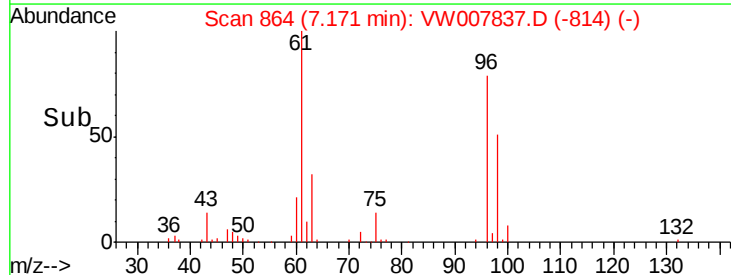
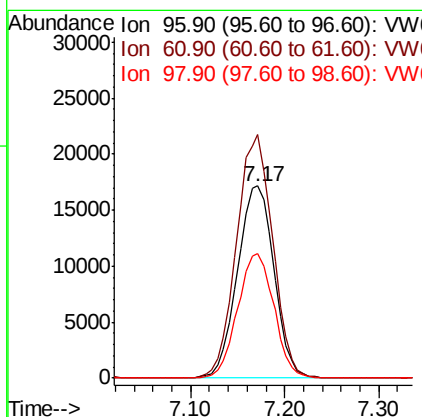
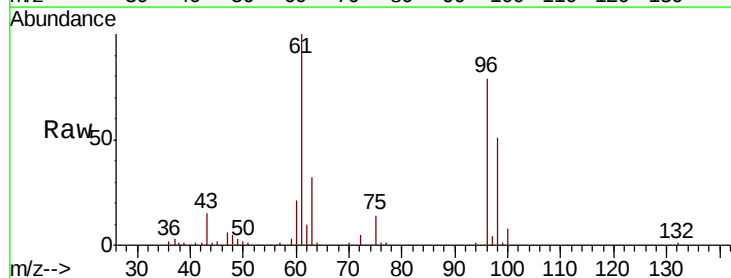
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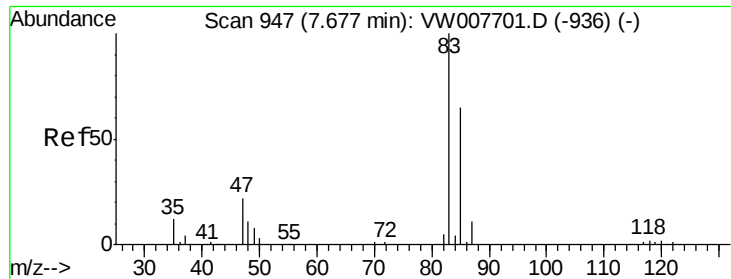
Tot Ion: 43 Resp: 9195
Ion Ratio Lower Upper
43 100
72 33.8 24.5 36.7



#27
cis-1,2-Dichloroethene
Concen: 122.568 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion: 96 Resp: 46421
Ion Ratio Lower Upper
96 100
61 125.4 0.0 271.6
98 64.1 0.0 131.2

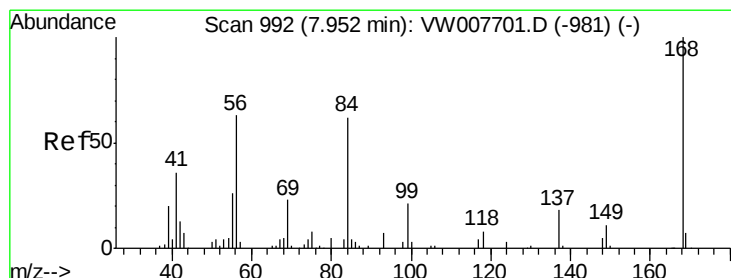
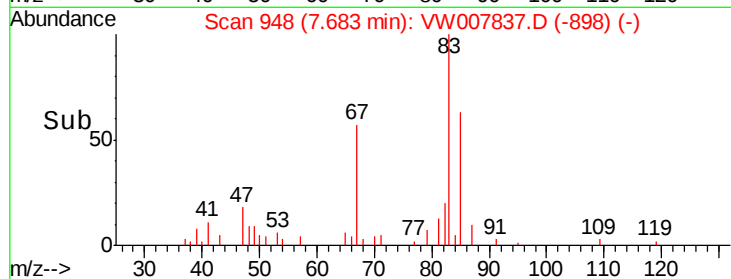
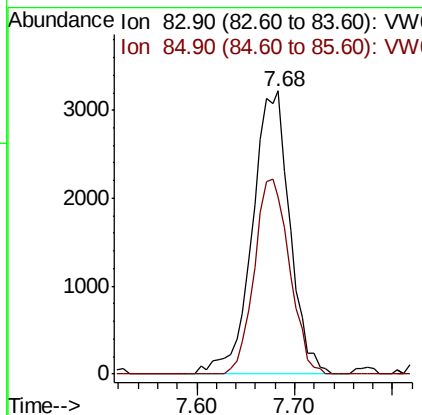
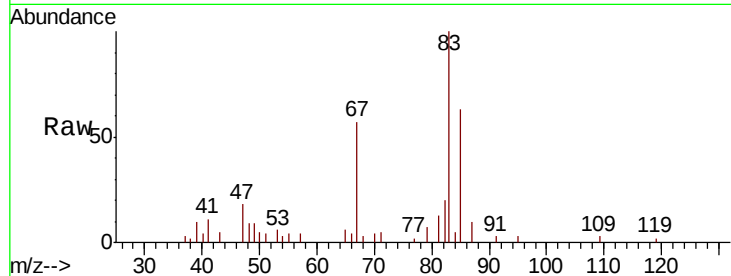




#30
Chloroform
Concen: 12.950 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

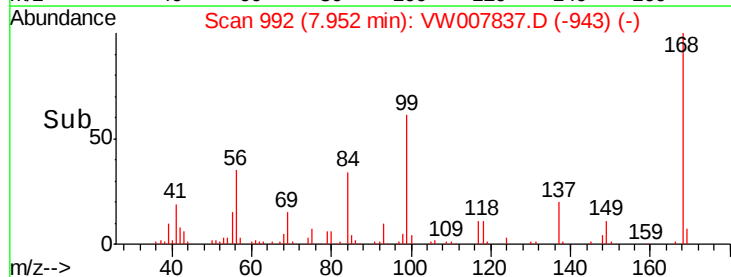
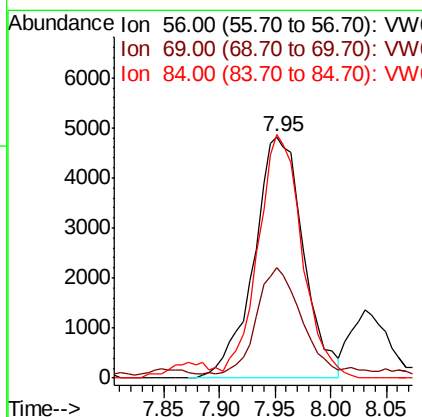
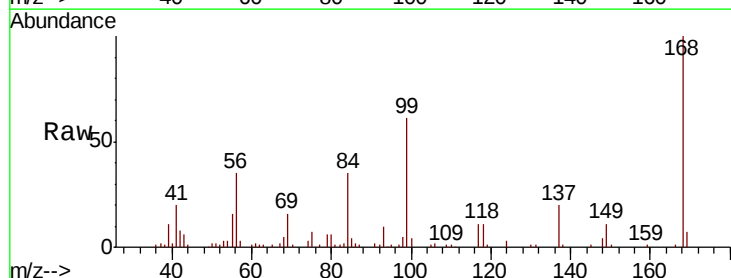
Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

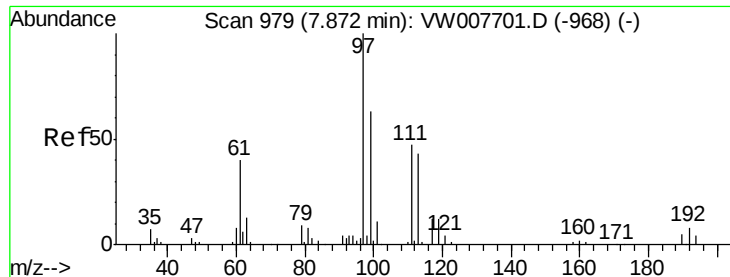
Tot Ion: 83 Resp: 8557
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.2



#31
Cyclohexane
Concen: 27.888 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion: 56 Resp: 14907
Ion Ratio Lower Upper
56 100
69 43.7 29.7 44.5
84 96.2 78.9 118.3





#32

1,1,1-Trichloroethane

Concen: 84.017 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

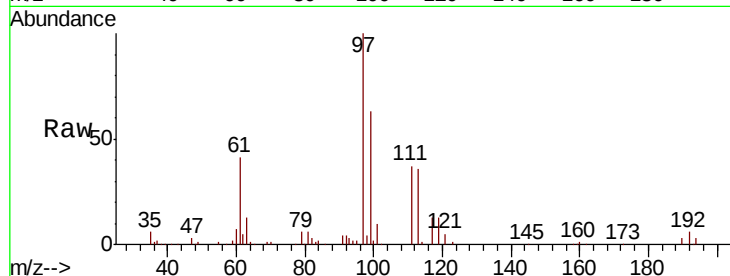
Tot Ion: 97 Resp: 50561

Ion Ratio Lower Upper

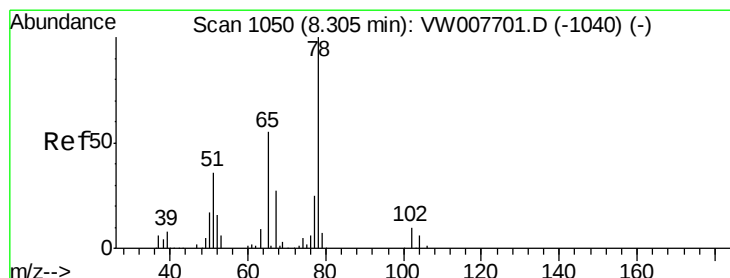
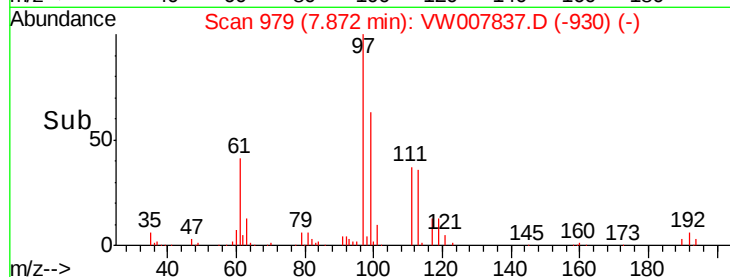
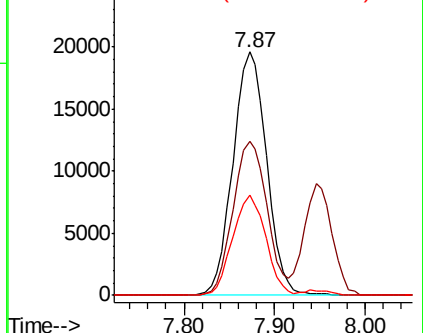
97 100

99 64.2 50.6 76.0

61 40.5 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 80.749 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007837.D

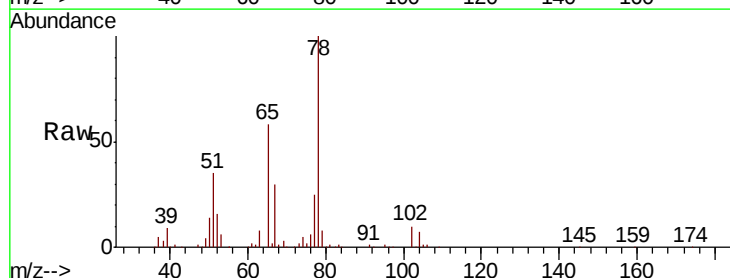
Acq: 22 Dec 2018 12:16

Tgt Ion: 65 Resp: 28995

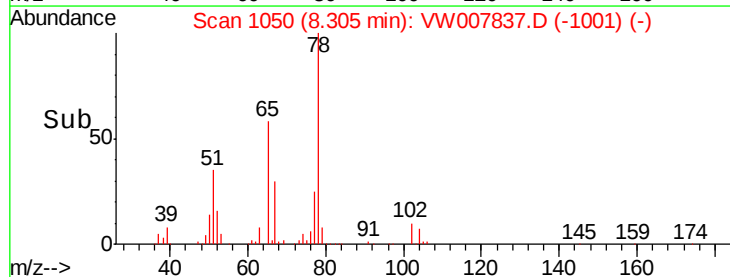
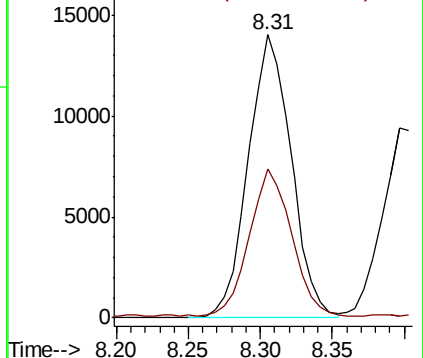
Ion Ratio Lower Upper

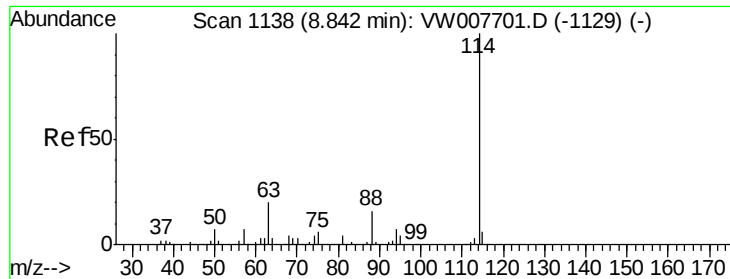
65 100

67 50.7 0.0 100.6



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

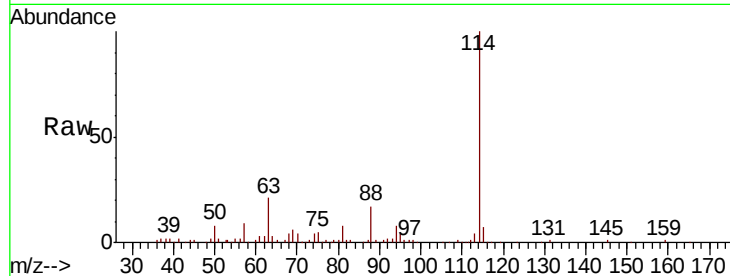




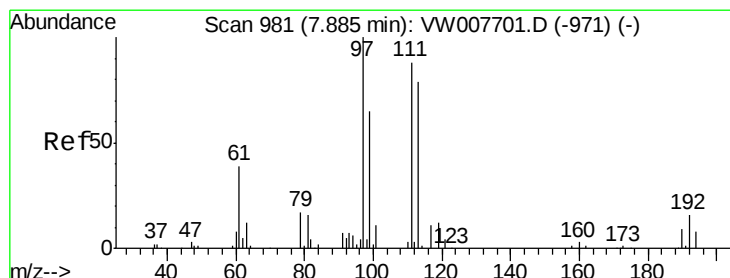
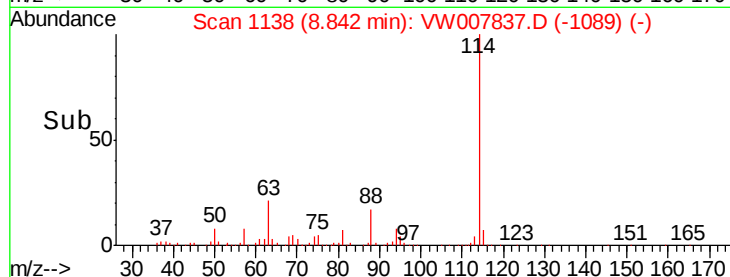
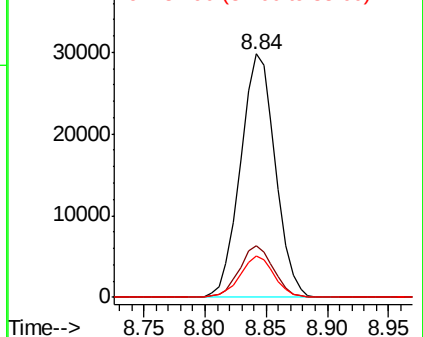
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007837.D
 Acq: 22 Dec 2018 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS019-1824-01

Tot Ion:114 Resp: 58959
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 16.8 0.0 32.6

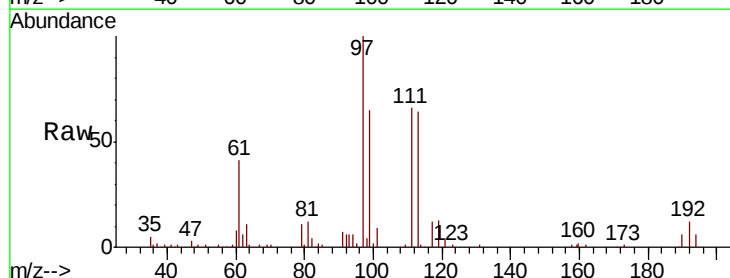


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

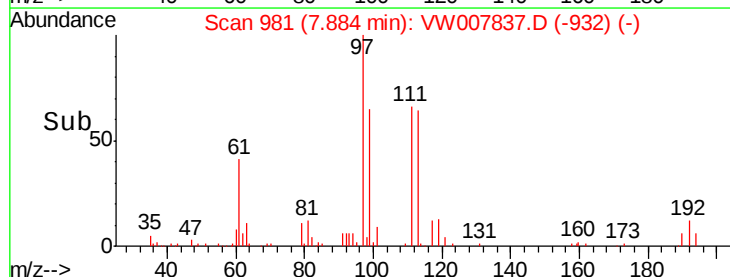
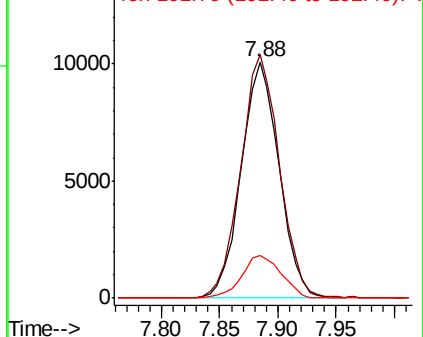


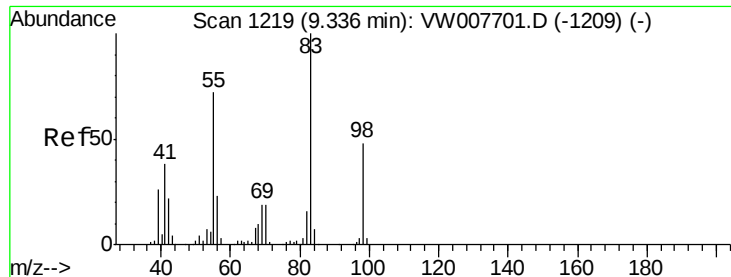
#35
 Dibromofluoromethane
 Concen: 63.253 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007837.D
 Acq: 22 Dec 2018 12:16

Tgt Ion:113 Resp: 22751
 Ion Ratio Lower Upper
 113 100
 111 106.0 82.6 124.0
 192 18.8 15.5 23.3



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

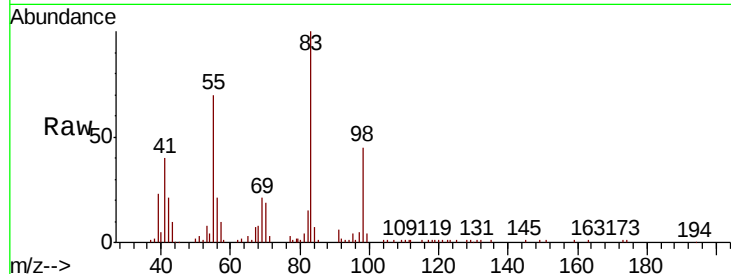




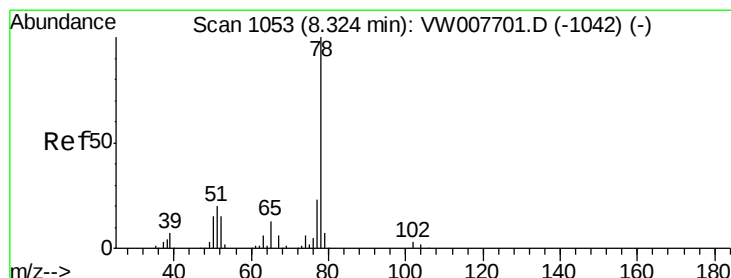
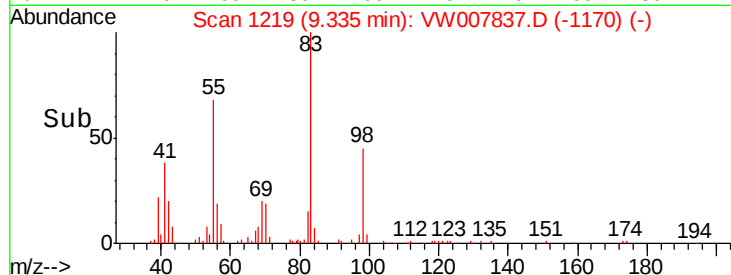
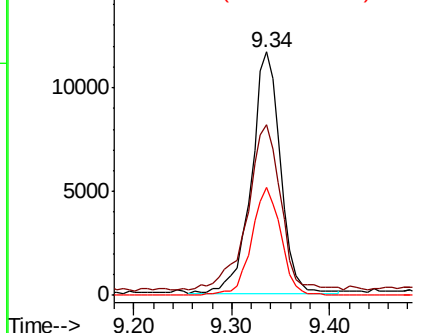
#39
Methvlcvclohexane
Concen: 33.931 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

Tot Ion: 83 Resp: 23993
Ion Ratio Lower Upper
83 100
55 68.5 57.2 85.8
98 44.9 38.6 58.0

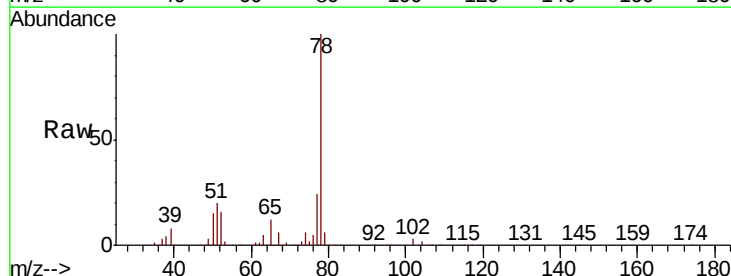


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

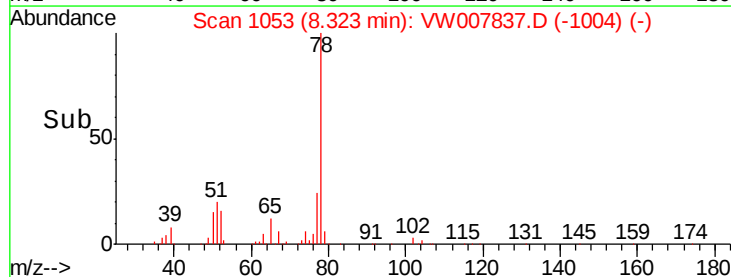
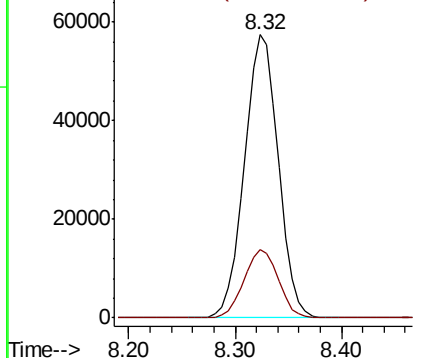


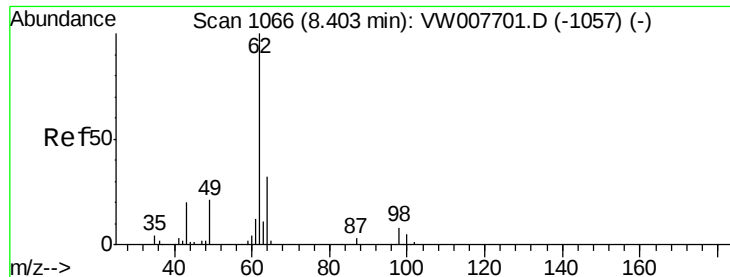
#40
Benzene
Concen: 84.383 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion: 78 Resp: 128138
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#42

1,2-Dichloroethane

Concen: 1061.450 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

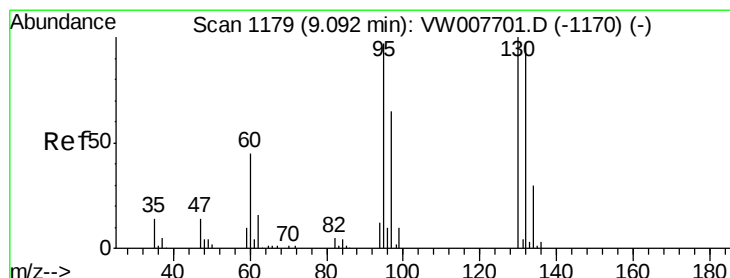
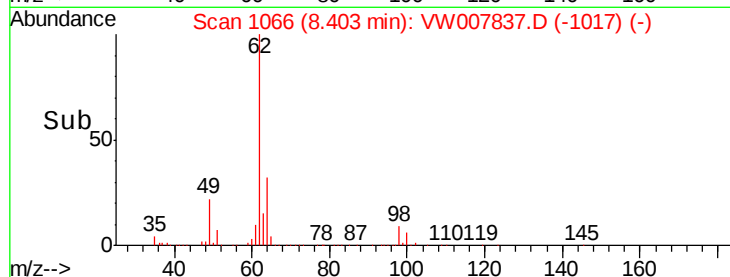
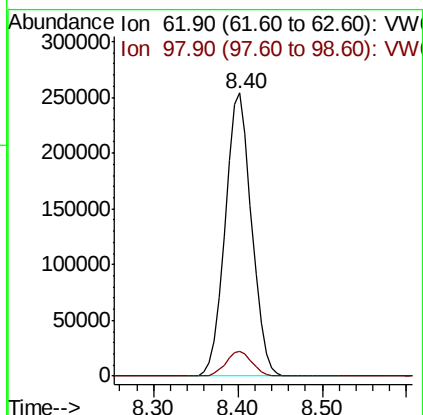
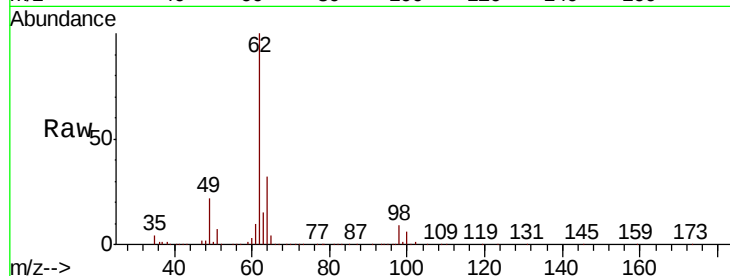
P001-SS019-1824-01

Tot Ion: 62 Resp: 540161

Ion Ratio Lower Upper

62 100

98 8.9 0.0 16.6



#44

Trichloroethene

Concen: 36.022 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007837.D

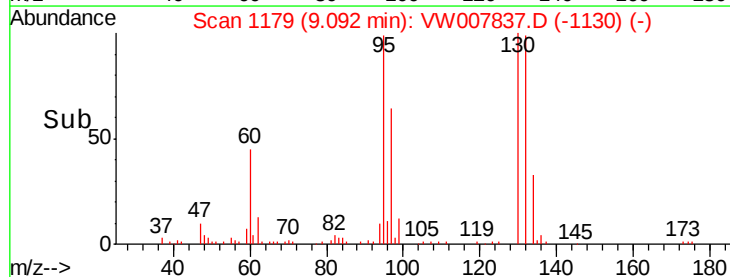
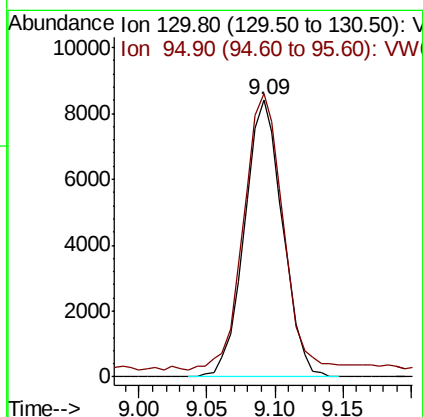
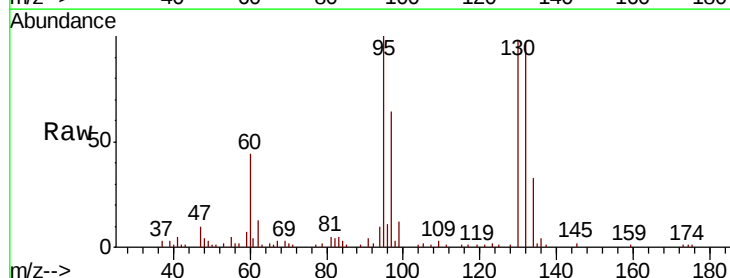
Acq: 22 Dec 2018 12:16

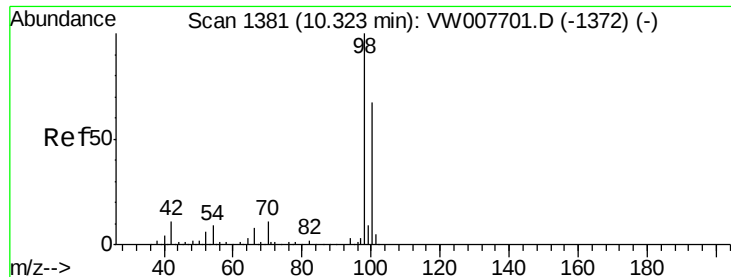
Tgt Ion:130 Resp: 16542

Ion Ratio Lower Upper

130 100

95 99.4 0.0 194.8

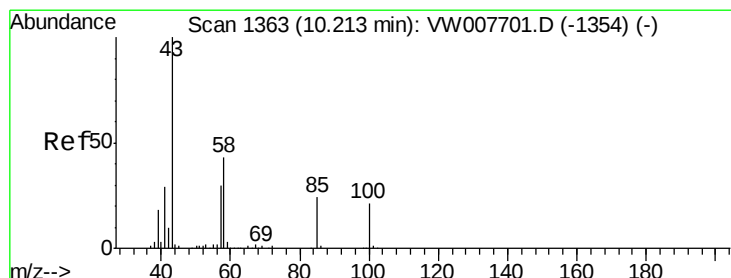
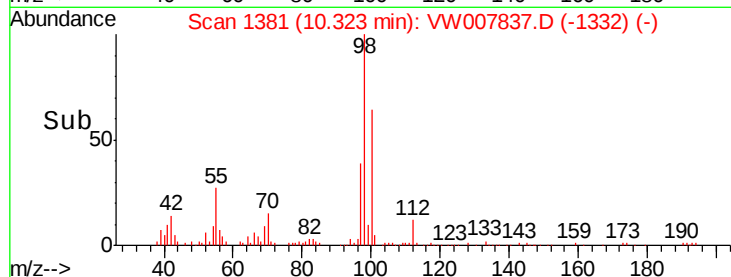
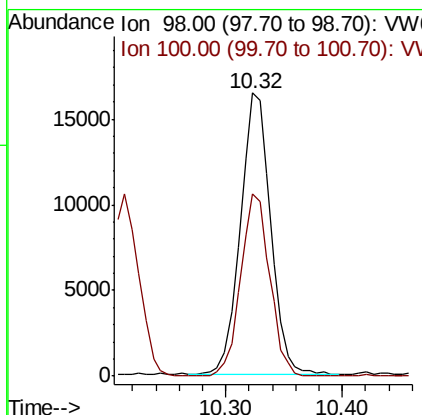
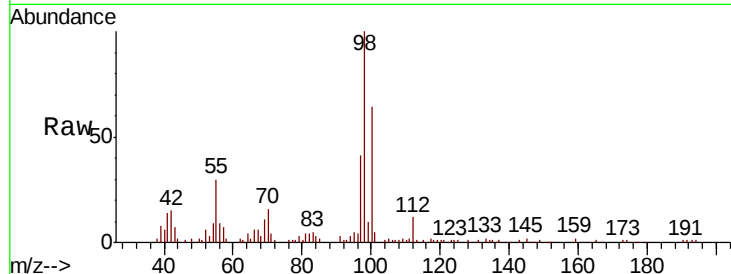




#50
Toluene-d8
Concen: 21.898 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

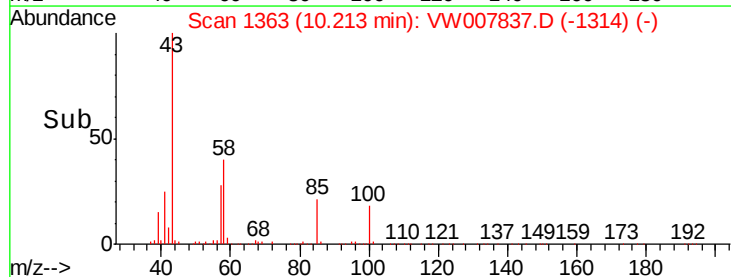
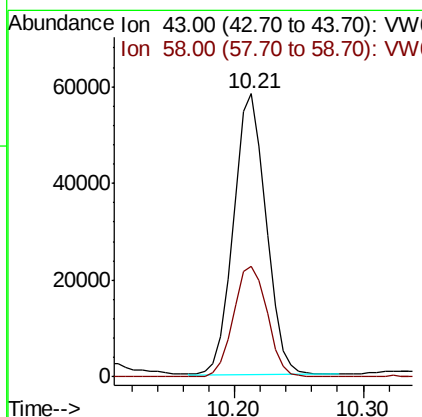
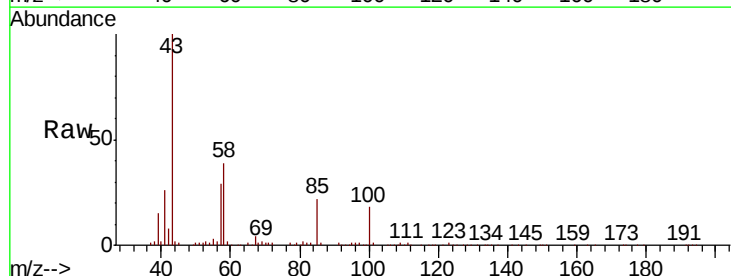
Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

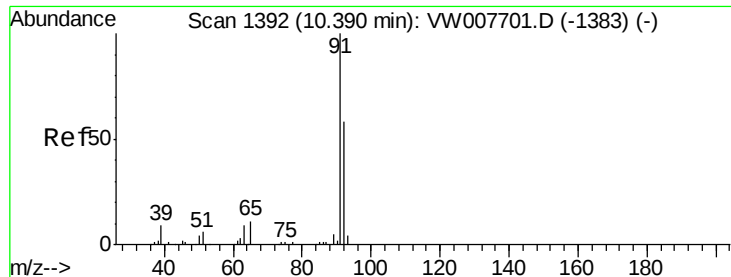
Tot Ion: 98 Resp: 29693
Ion Ratio Lower Upper
98 100
100 62.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 548.256 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion: 43 Resp: 101947
Ion Ratio Lower Upper
43 100
58 41.0 33.2 49.8





#52

Toluene

Concen: 2267.833 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

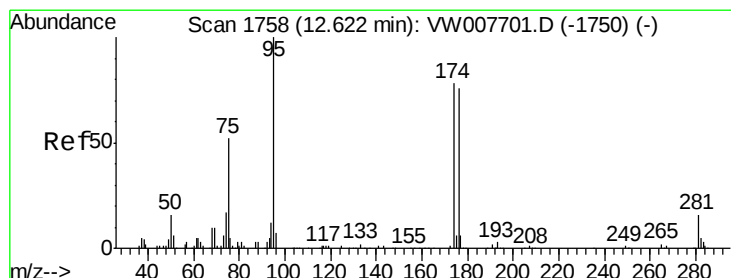
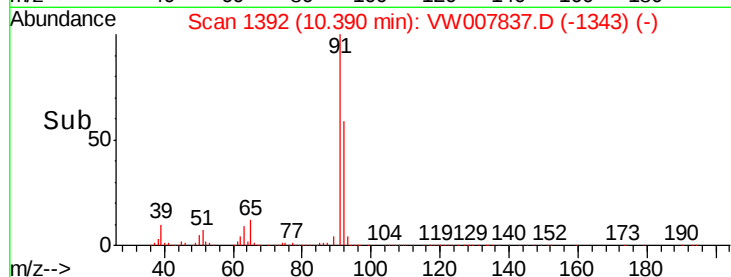
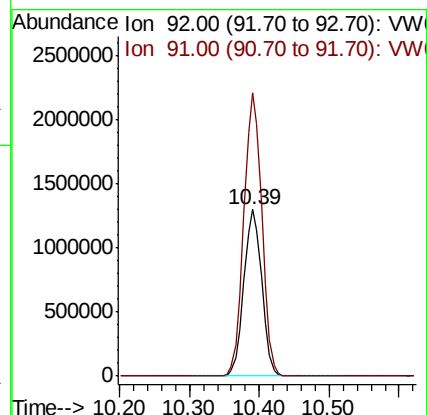
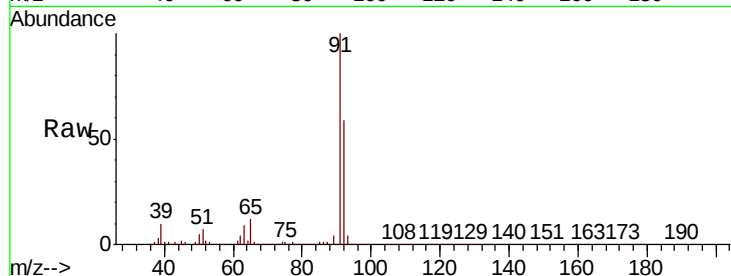
P001-SS019-1824-01

Tot Ion: 92 Resp: 2310536

Ion Ratio Lower Upper

92 100

91 170.6 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 12.315 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

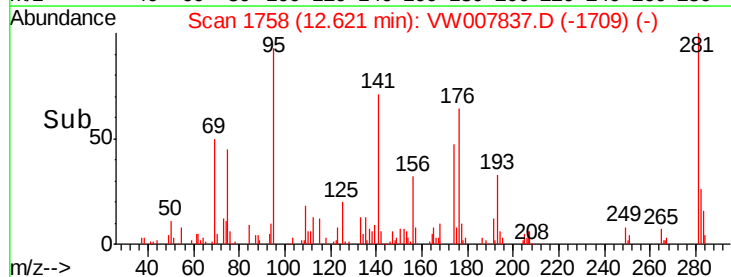
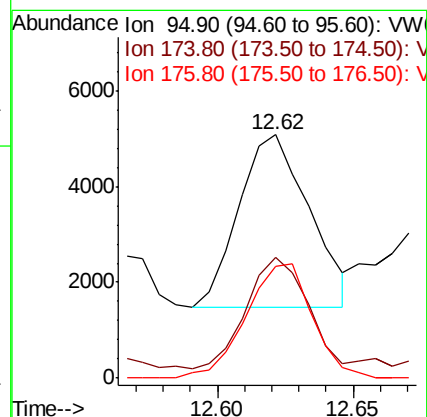
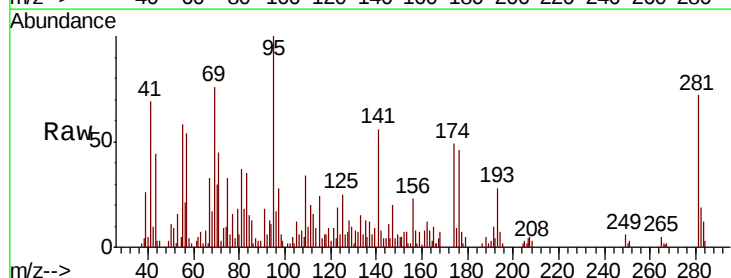
Tgt Ion: 95 Resp: 6451

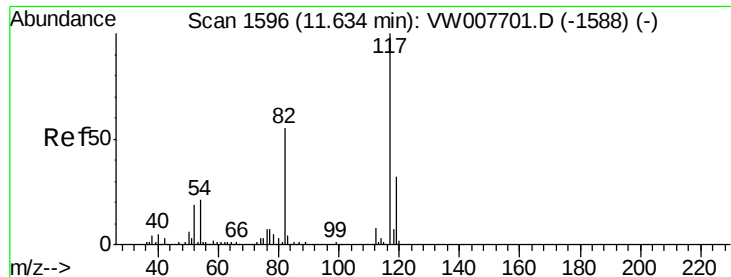
Ion Ratio Lower Upper

95 100

174 55.7 0.0 152.2

176 62.2 0.0 146.8

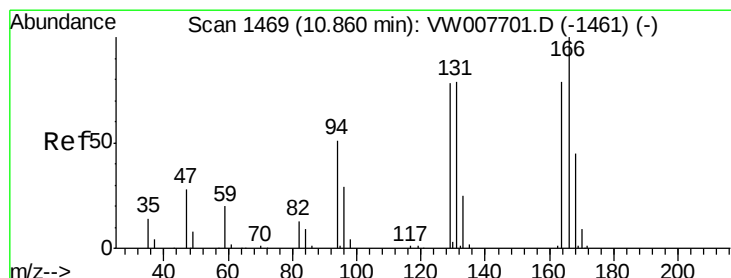
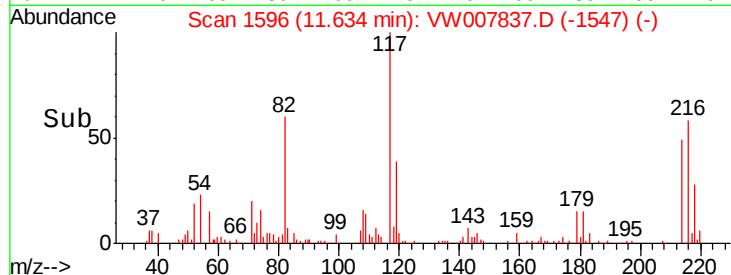
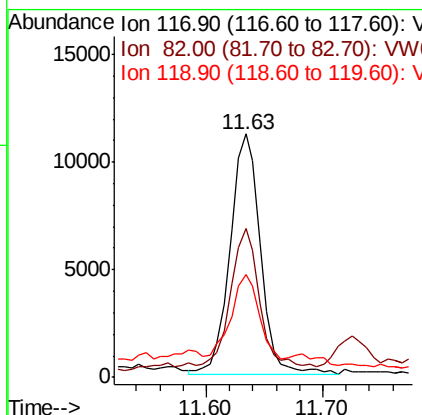
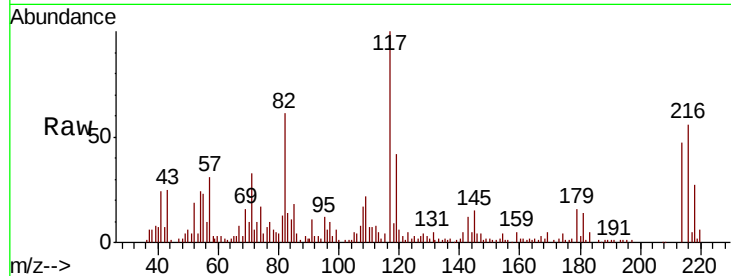




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

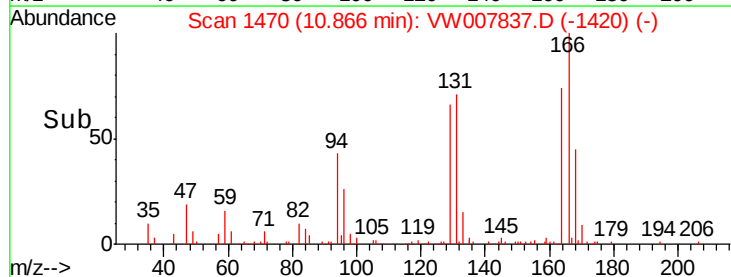
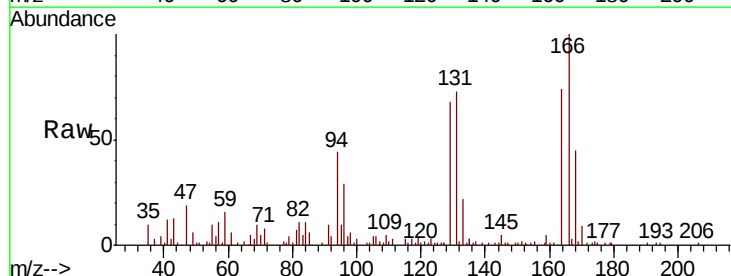
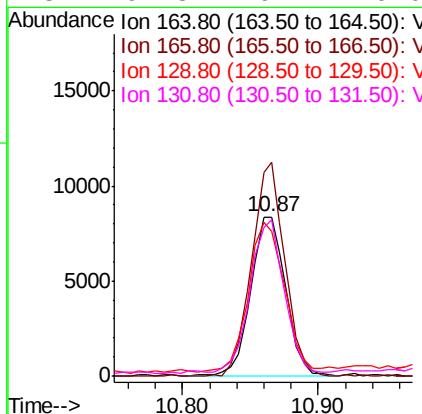
Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

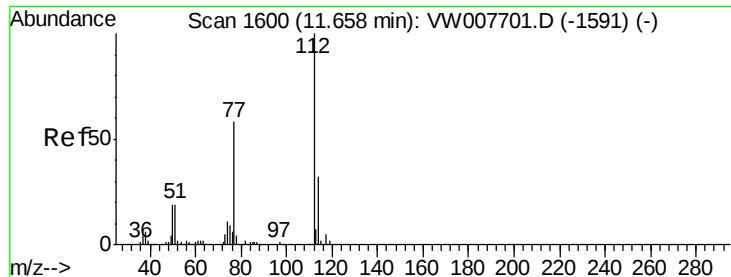
Tot Ion:117 Resp: 20150
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 37.7 25.7 38.5



#64
Tetrachloroethene
Concen: 105.160 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion:164 Resp: 15005
Ion Ratio Lower Upper
164 100
166 134.3 101.0 151.6
129 87.5 78.7 118.1
131 94.8 79.4 119.0

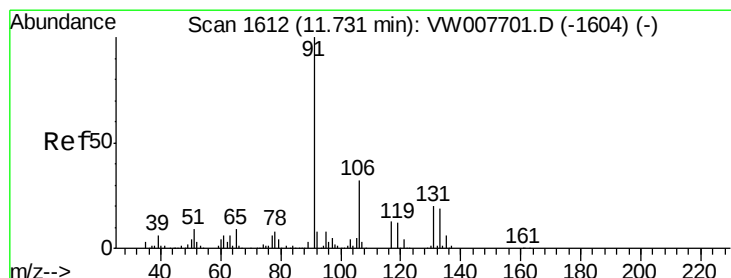
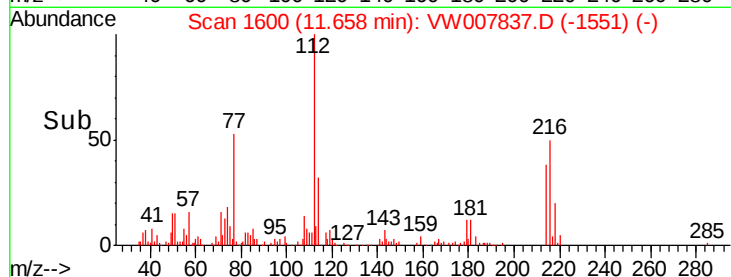
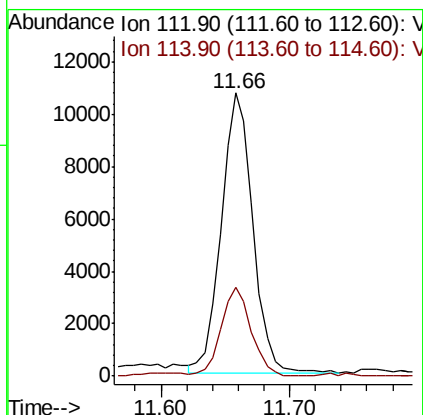
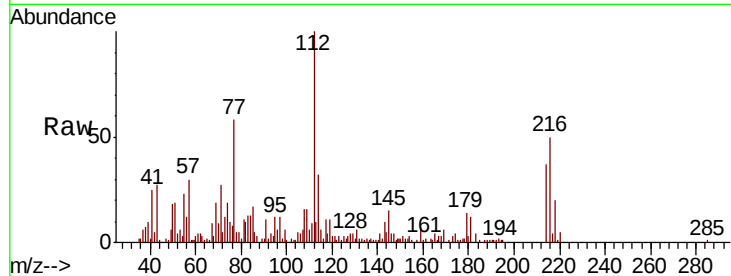




#65
Chlorobenzene
Concen: 42.038 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

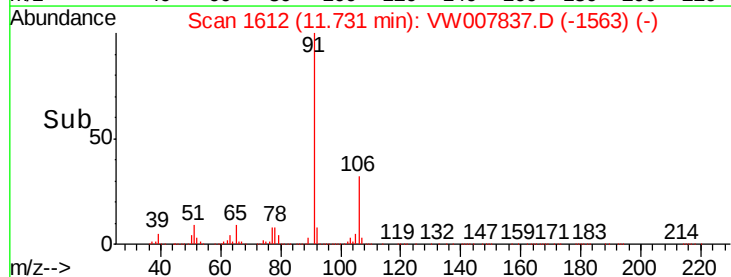
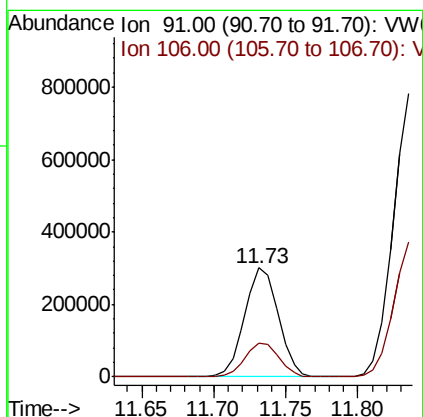
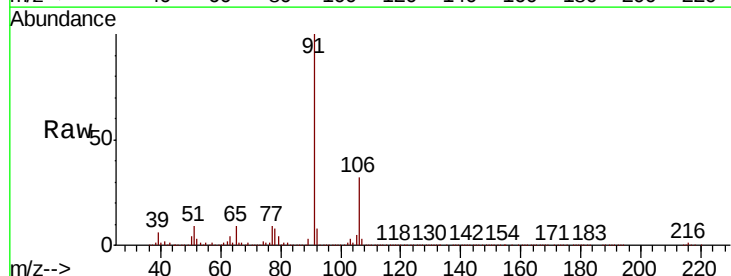
Instrument :
MSVOA_W
ClientSampleId :
P001-SS019-1824-01

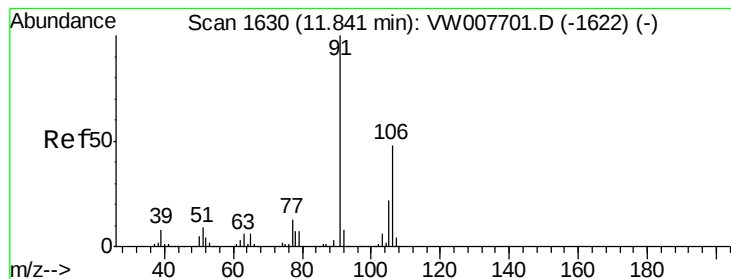
Tot Ion:112 Resp: 18334
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#67
Ethyl Benzene
Concen: 649.108 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007837.D
Acq: 22 Dec 2018 12:16

Tgt Ion: 91 Resp: 485793
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8





#68

m/p-Xylenes

Concen: 2306.263 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

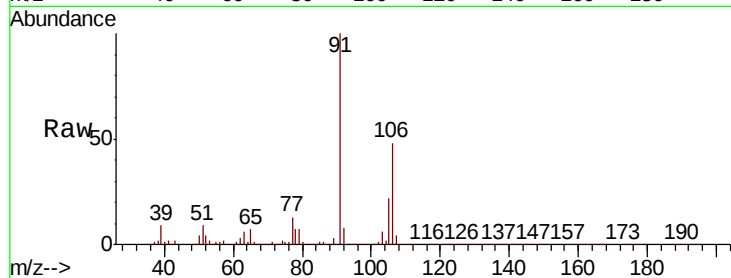
P001-SS019-1824-01

Tot Ion:106 Resp: 669544

Ion Ratio Lower Upper

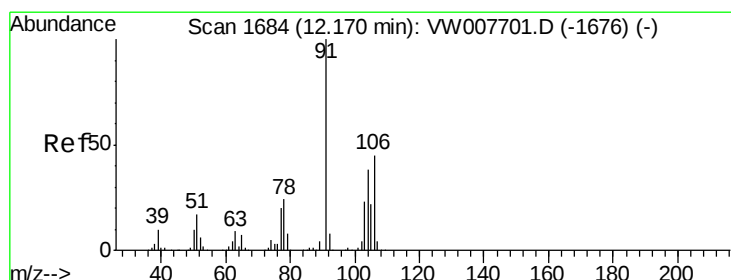
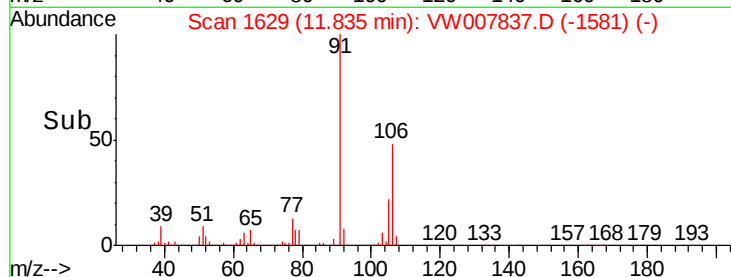
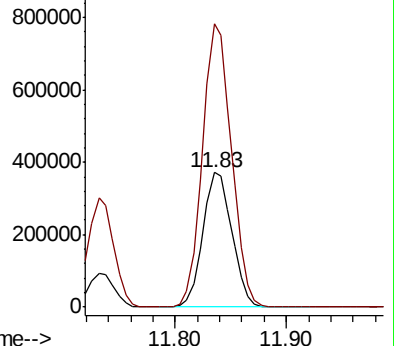
106 100

91 209.4 165.2 247.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1007.616 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW007837.D

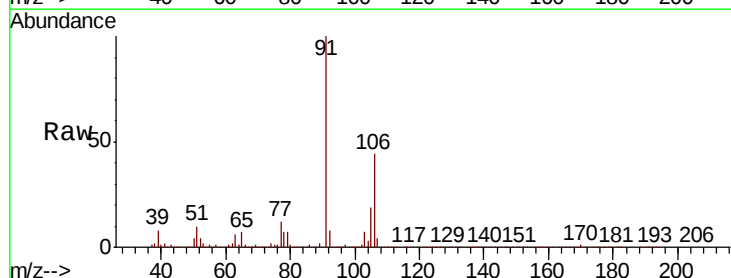
Acq: 22 Dec 2018 12:16

Tgt Ion:106 Resp: 274206

Ion Ratio Lower Upper

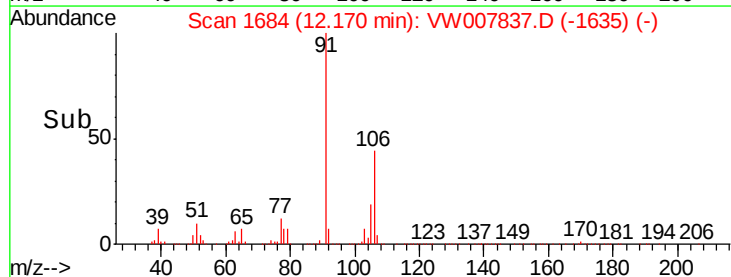
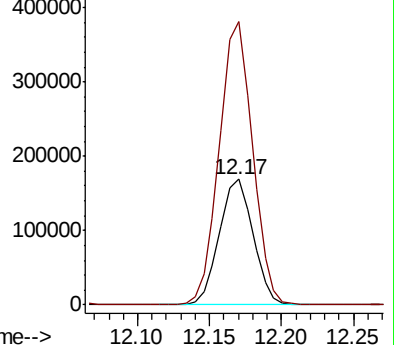
106 100

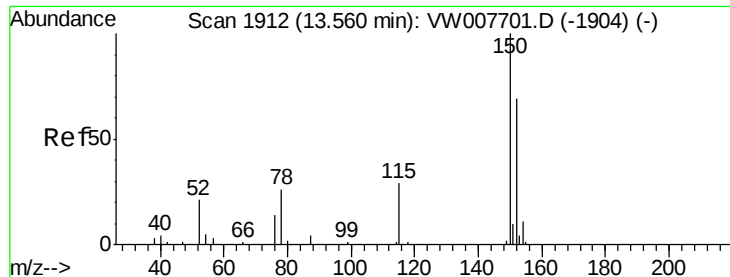
91 221.2 110.5 331.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

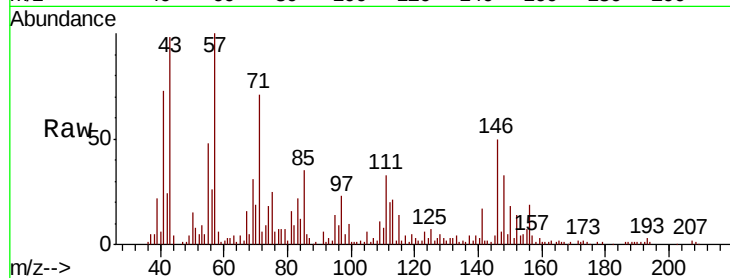
Tot Ion:152 Resp: 3590

Ion Ratio Lower Upper

152 100

115 0.0 31.8 95.4#

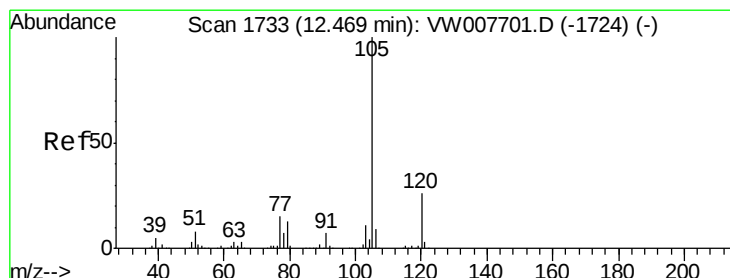
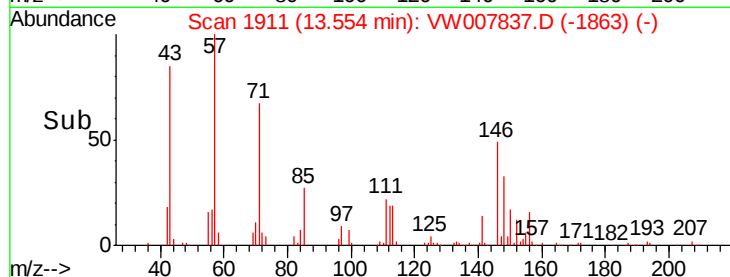
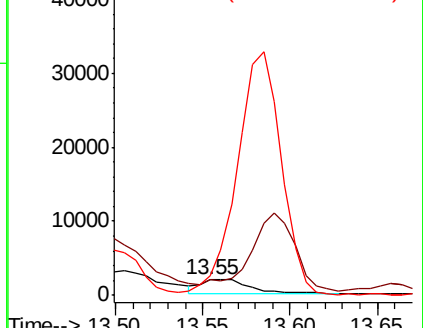
150 0.0 0.0 350.8



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: 199.916 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007837.D

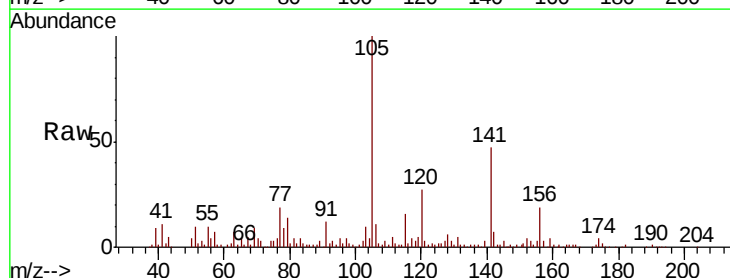
Acq: 22 Dec 2018 12:16

Tgt Ion:105 Resp: 54250

Ion Ratio Lower Upper

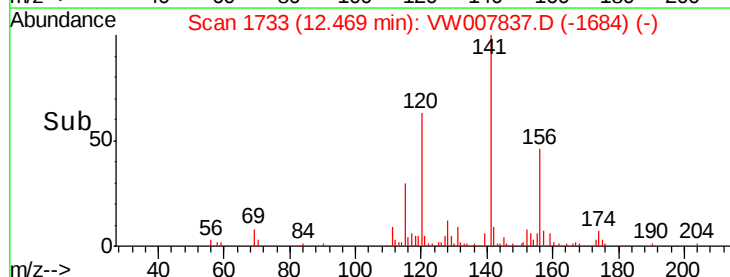
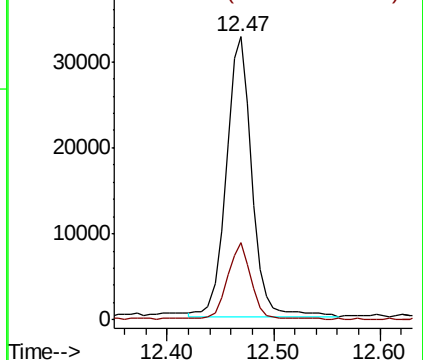
105 100

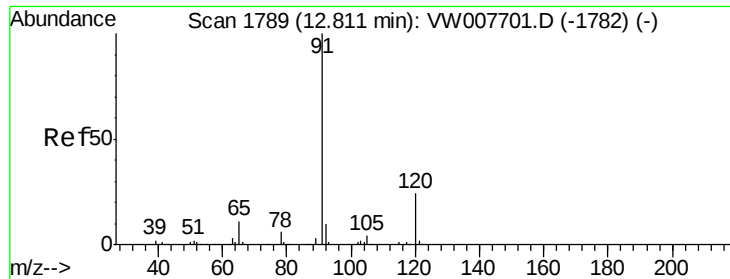
120 25.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 288.279 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

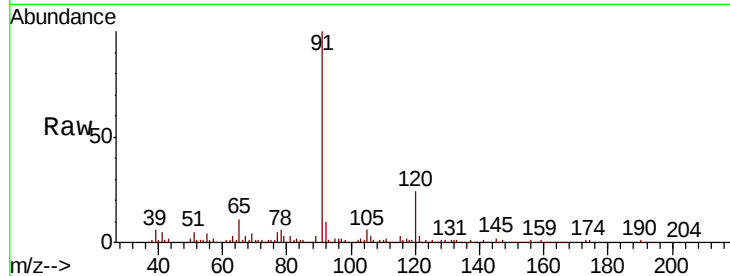
P001-SS019-1824-01

Tot Ion: 91 Resp: 91063

Ion Ratio Lower Upper

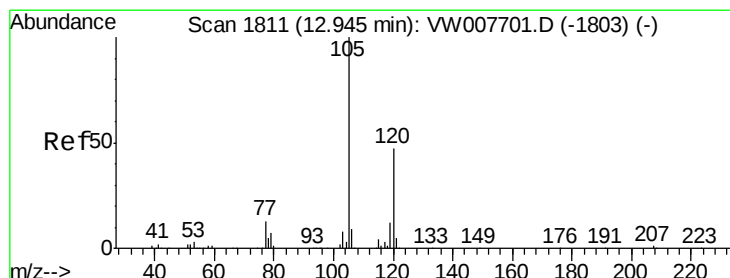
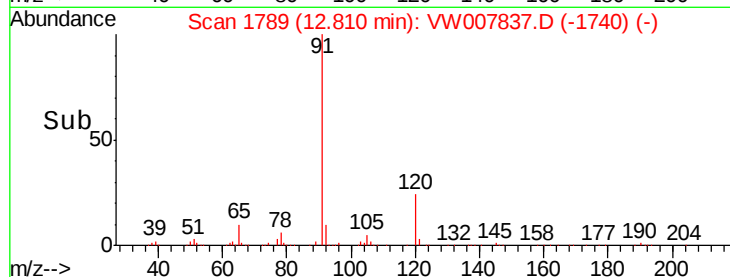
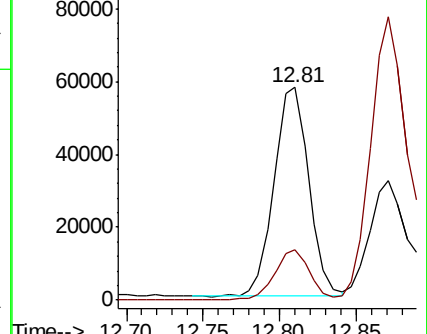
91 100

120 24.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1050.006 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007837.D

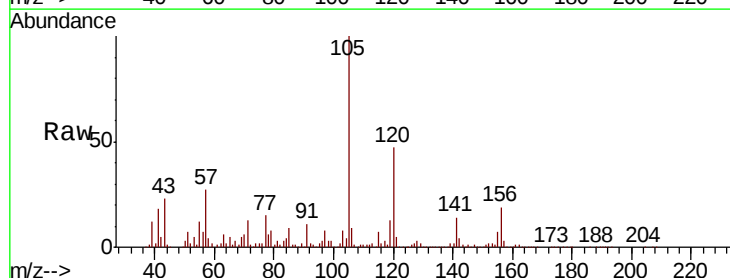
Acq: 22 Dec 2018 12:16

Tgt Ion:105 Resp: 245776

Ion Ratio Lower Upper

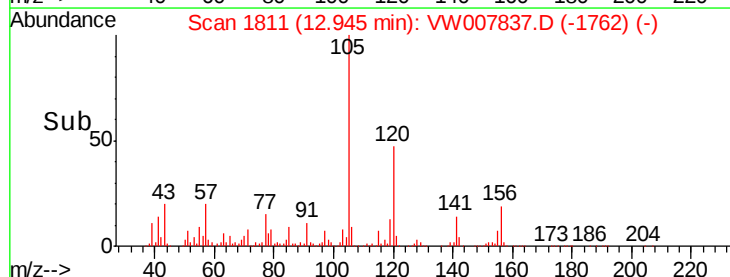
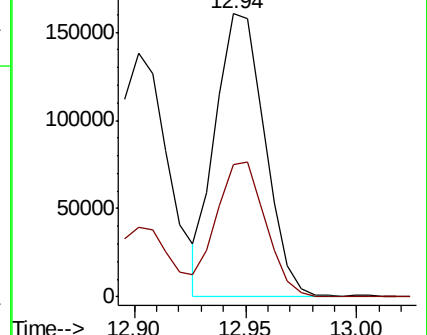
105 100

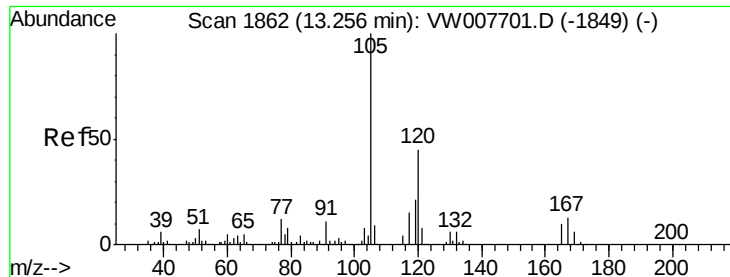
120 47.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 3484.723 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

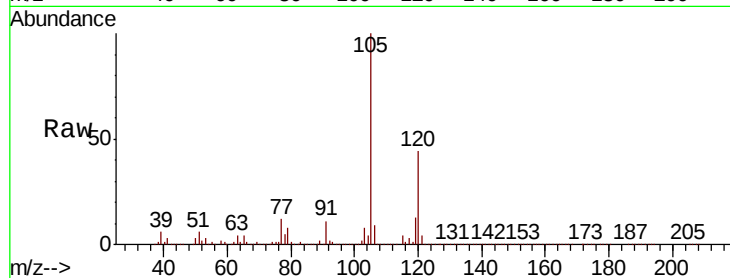
P001-SS019-1824-01

Tot Ion:105 Resp: 823059

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.26

600000

500000

400000

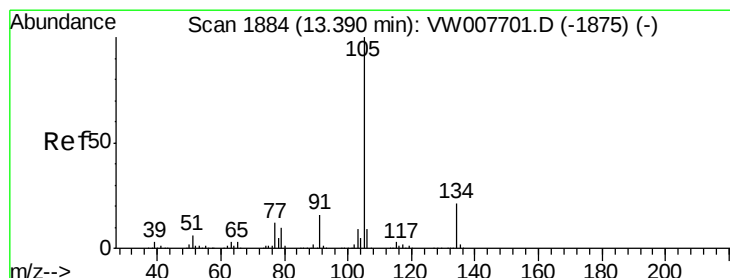
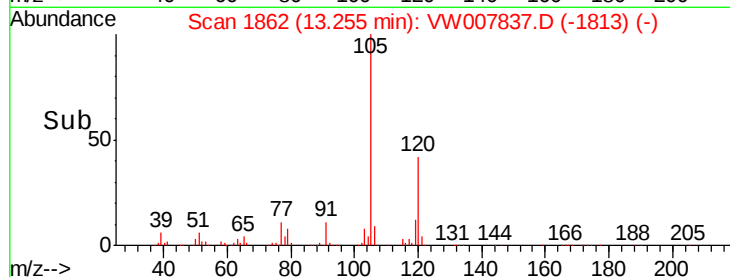
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 142.738 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007837.D

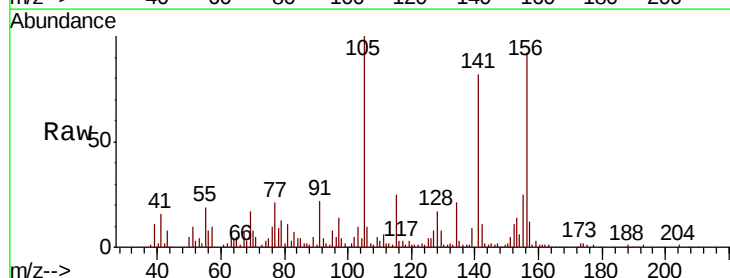
Acq: 22 Dec 2018 12:16

Tgt Ion:105 Resp: 40402

Ion Ratio Lower Upper

105 100

134 27.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

30000

25000

20000

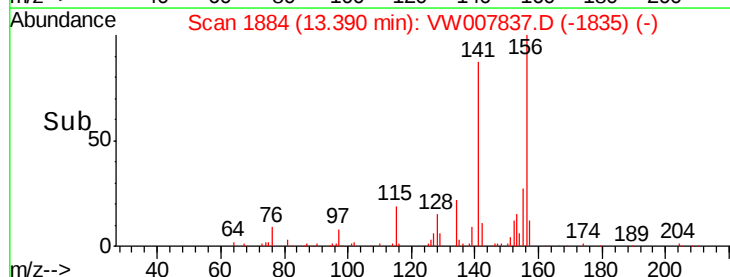
15000

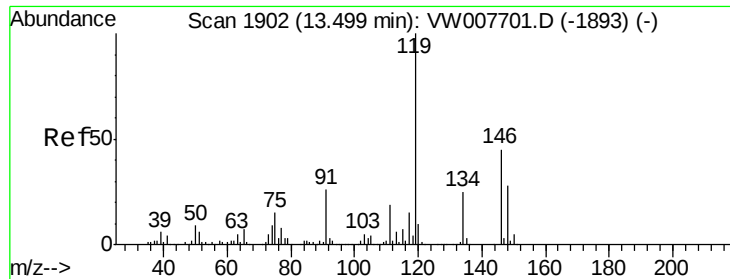
10000

5000

0

Time-->

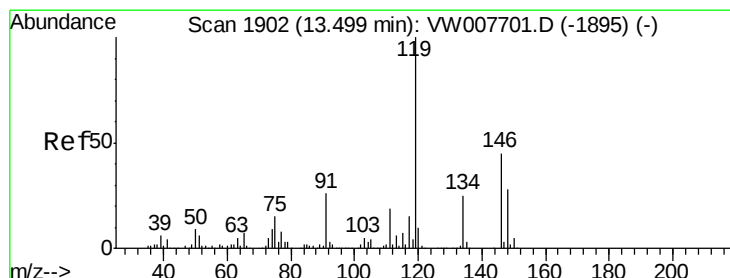
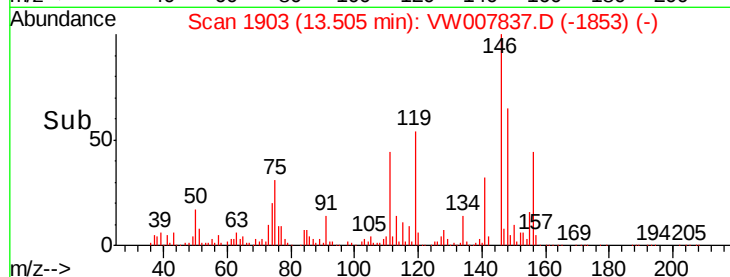
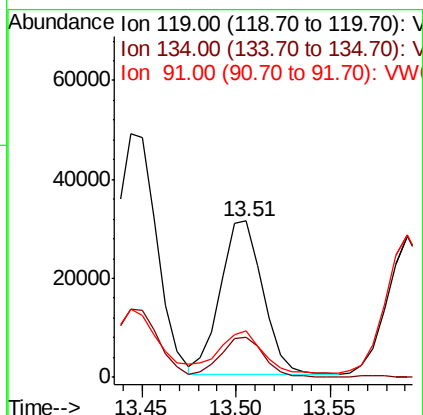
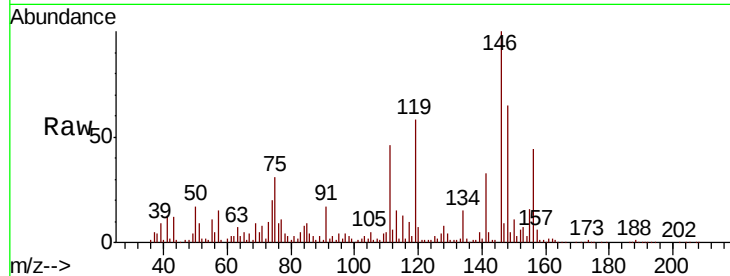




#86
 p-Isopropyltoluene
 Concen: 187.799 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007837.D
 Acq: 22 Dec 2018 12:16

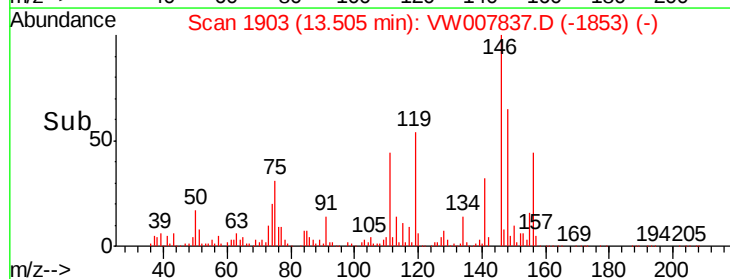
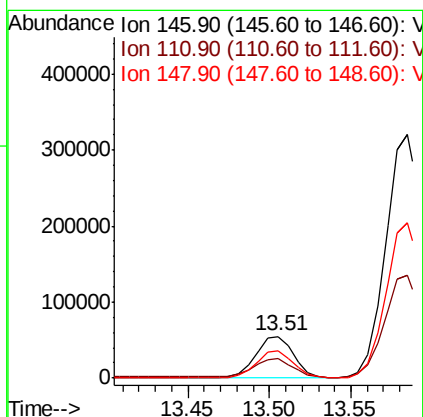
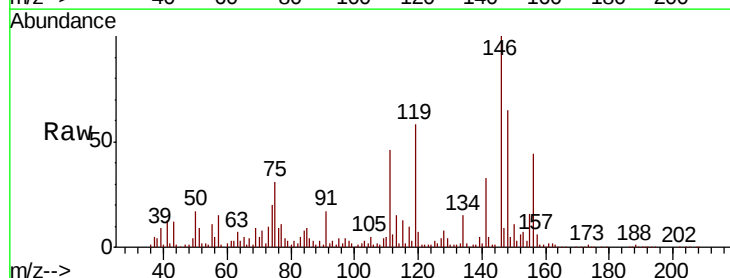
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS019-1824-01

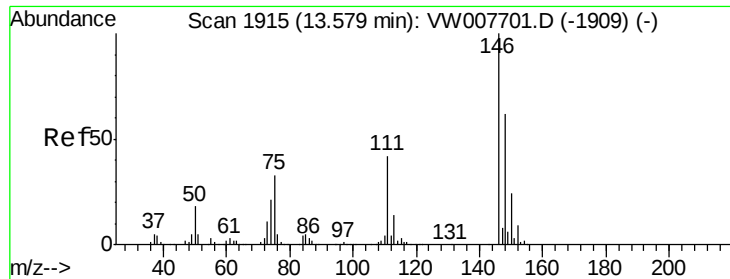
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.0	39.0
91	27.7	12.8	38.4



#87
 1,3-Dichlorobenzene
 Concen: 720.695 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007837.D
 Acq: 22 Dec 2018 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.1	63.4
148	62.9	32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 4205.161 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

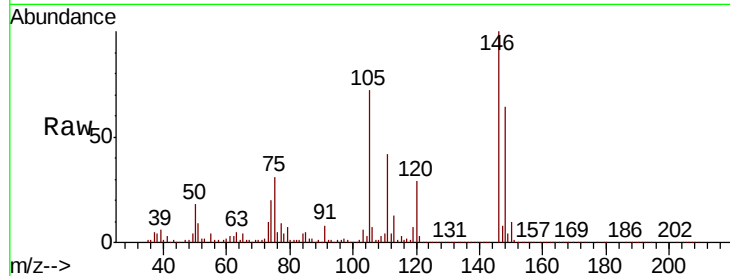
Tot Ion:146 Resp: 519392

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

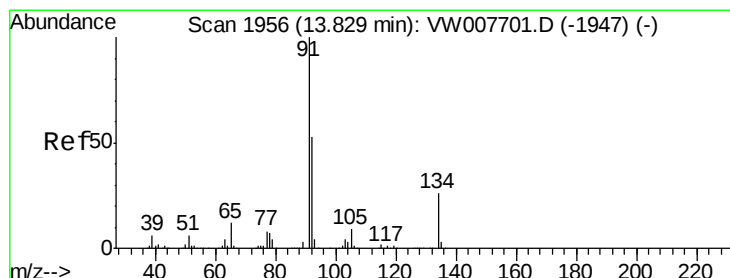
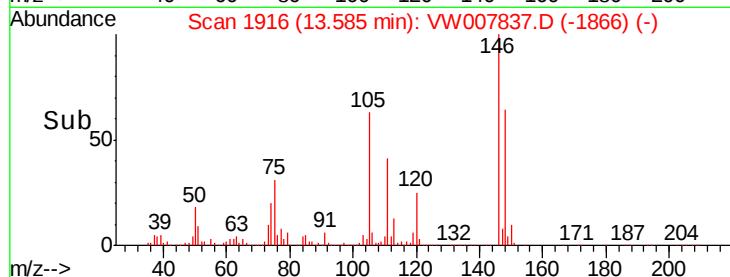
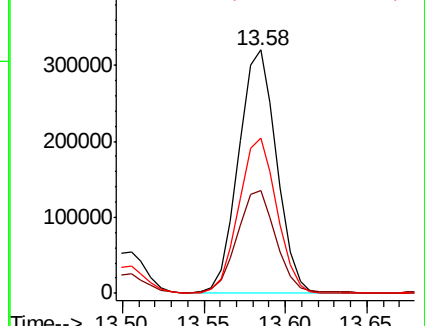
148 63.4 31.8 95.4



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: 92.565 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

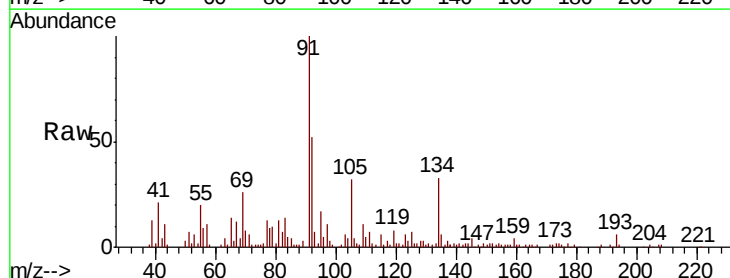
Tgt Ion: 91 Resp: 21844

Ion Ratio Lower Upper

91 100

92 81.2 26.4 79.2#

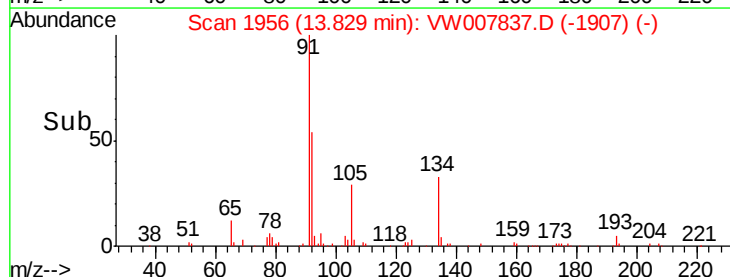
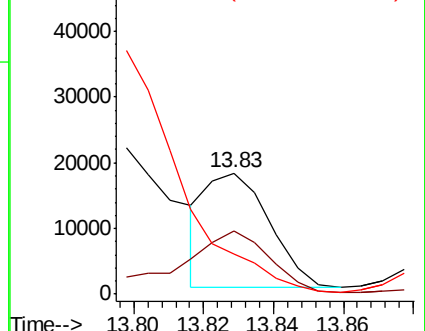
134 0.0 13.7 41.0#

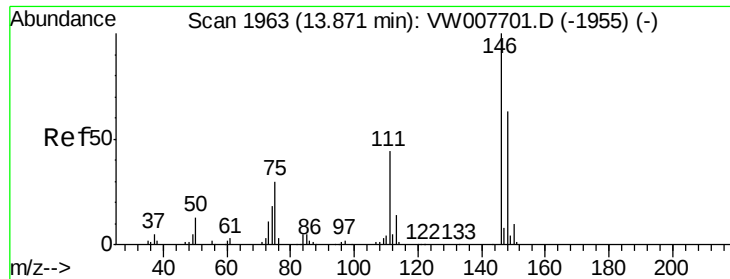


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 108.038 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

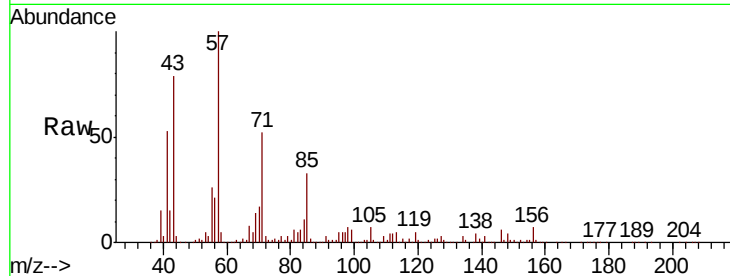
Tot Ion:146 Resp: 11944

Ion Ratio Lower Upper

146 100

111 87.1 21.7 65.1#

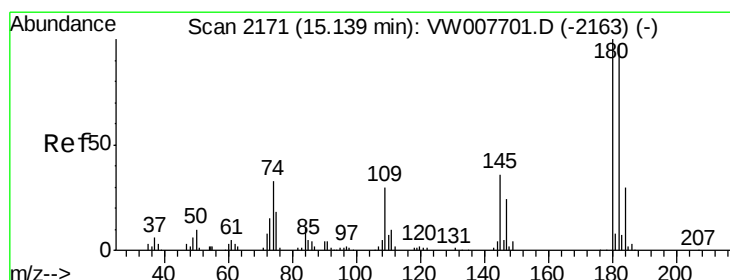
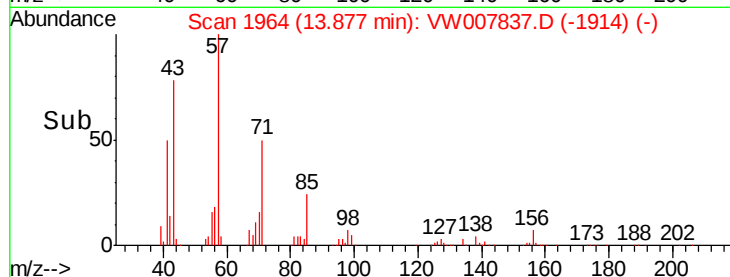
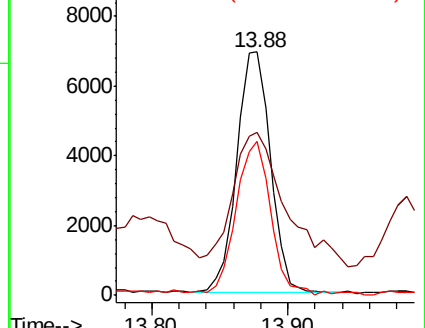
148 66.2 32.1 96.5



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



#93

1,2,4-Trichlorobenzene

Concen: 1649.541 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

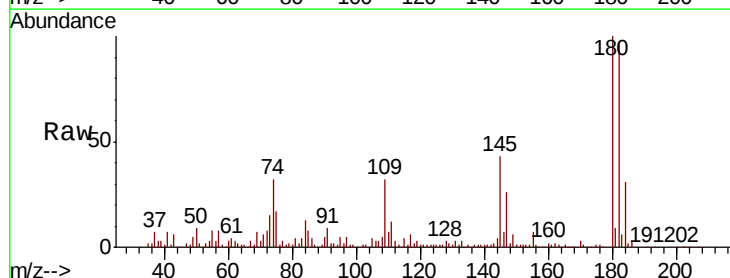
Tgt Ion:180 Resp: 126587

Ion Ratio Lower Upper

180 100

182 96.8 47.5 142.6

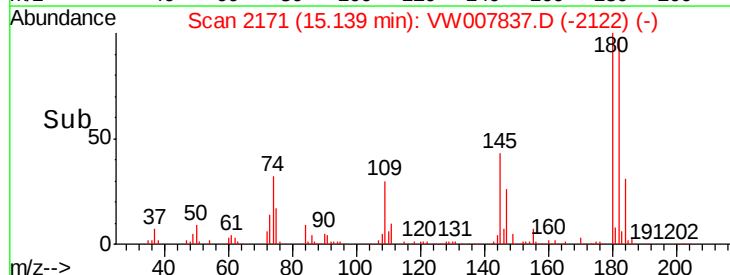
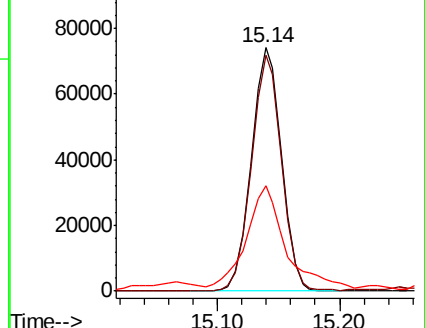
145 57.7 17.5 52.5#

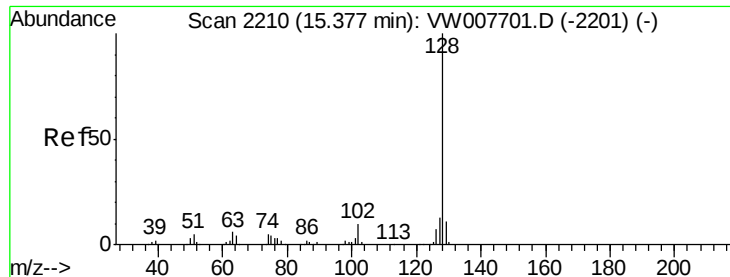


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2409.108 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

Instrument :

MSVOA_W

ClientSampleId :

P001-SS019-1824-01

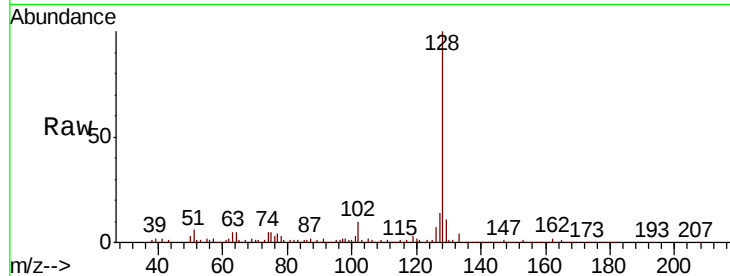
Tot Ion:128 Resp: 341806

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.1 8.8 13.2

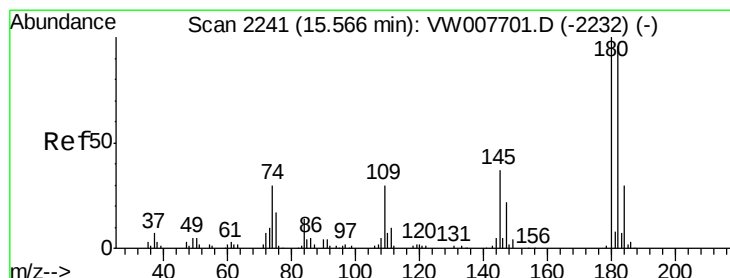
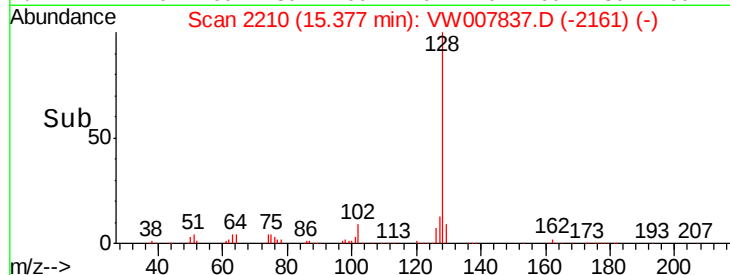
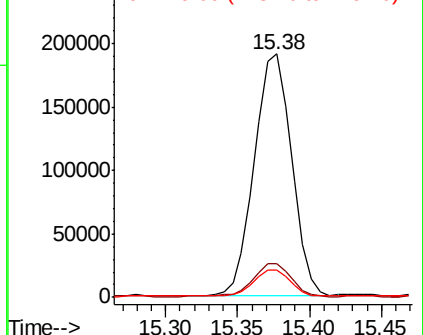


Abundance

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: 413.745 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW007837.D

Acq: 22 Dec 2018 12:16

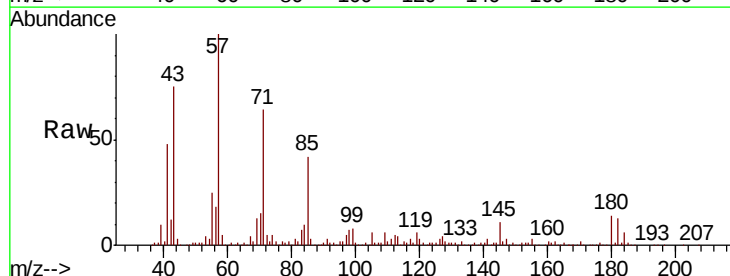
Tgt Ion:180 Resp: 27179

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.2

145 139.2 18.4 55.0#



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

