

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006350.D
 Acq On : 25 Oct 2018 07:05
 Operator : SY/AP
 Sample : J5626-02MS
 Misc : 3.77G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Quant Time: Oct 25 07:48:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	213688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	86963	76.94	ug/l	0.00
Spiked Amount			Recovery	=	153.88%	
35) Dibromofluoromethane	7.88	113	79325	62.82	ug/l	0.00
Spiked Amount			Recovery	=	125.64%	
50) Toluene-d8	10.33	98	198820	41.39	ug/l	0.00
Spiked Amount			Recovery	=	82.78%	
62) 4-Bromofluorobenzene	12.62	95	45902	25.44	ug/l	0.00
Spiked Amount			Recovery	=	50.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	49449	73.292	ug/l	97
3) Chloromethane	2.21	50	69572	80.108	ug/l	98
4) Vinyl Chloride	2.37	62	98339	79.288	ug/l	100
5) Bromomethane	2.79	94	86416	76.605	ug/l	98
6) Chloroethane	2.93	64	70476	79.292	ug/l	95
7) Trichlorofluoromethane	3.26	101	67914	58.780	ug/l	100
8) Diethyl Ether	3.68	74	59737	97.284	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60868	50.269	ug/l	99
10) Methyl Iodide	4.27	142	158393	78.594	ug/l	99
11) Tert butyl alcohol	5.24	59	37107	488.122	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	76187	66.880	ug/l	94
13) Acrolein	3.90	56	22486	305.685	ug/l	98
14) Allyl chloride	4.67	41	117838	72.345	ug/l	98
15) Acrylonitrile	5.38	53	122551	556.433	ug/l	99
16) Acetone	4.15	43	123904	605.335	ug/l	100
17) Carbon Disulfide	4.38	76	180104	52.385	ug/l	99
18) Methyl Acetate	4.68	43	129795	228.178	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173909	100.232	ug/l	100
20) Methylene Chloride	4.92	84	133791	113.945	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	89500	70.388	ug/l	97
22) Diisopropyl ether	6.32	45	279396	86.801	ug/l	97
23) Vinyl Acetate	6.26	43	212146	111.680	ug/l	99
24) 1,1-Dichloroethane	6.21	63	156653	75.424	ug/l	99
25) 2-Butanone	7.18	43	168129	550.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	78029	53.267	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102299	72.905	ug/l	97
28) Bromochloromethane	7.51	49	71084	88.652	ug/l	93
29) Tetrahydrofuran	7.54	42	103764	552.828	ug/l	98
30) Chloroform	7.68	83	161566	71.399	ug/l	98
31) Cyclohexane	7.95	56	64147	31.013	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	117858	57.739	ug/l	99
36) 1,1-Dichloropropene	8.09	75	90873	46.138	ug/l	99
37) Ethyl Acetate	7.26	43	49997	68.322	ug/l	98
38) Carbon Tetrachloride	8.07	117	95498	44.229	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50248	19.192	ug/l	99
40) Benzene	8.32	78	325736	60.290	ug/l	97
41) Methacrylonitrile	7.49	41	41283	93.581	ug/l	95
42) 1,2-Dichloroethane	8.40	62	122038	76.882	ug/l	99
43) Isopropyl Acetate	8.43	43	103612	69.248	ug/l	99
44) Trichloroethene	9.09	130	78535	47.380	ug/l	99
45) 1,2-Dichloropropane	9.37	63	79111	61.191	ug/l	100
46) Dibromomethane	9.46	93	53695	72.870	ug/l	97
47) Bromodichloromethane	9.65	83	100958	56.512	ug/l	99
48) Methyl methacrylate	9.44	41	71530	100.855	ug/l	98
49) 1,4-Dioxane	9.48	88	23075	2034.164	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	344273	459.232	ug/l	97
52) Toluene	10.39	92	160110	44.203	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97195	54.606	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	115669	56.623	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	68782	66.704	ug/l	96
56) Ethyl methacrylate	10.65	69	85869	67.928	ug/l	97
57) 1,3-Dichloropropane	10.93	76	110892	64.964	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	177736	367.959	ug/l	98
59) 2-Hexanone	10.98	43	236388	441.729	ug/l	96
60) Dibromochloromethane	11.13	129	66791	52.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	65248	63.328	ug/l	99
64) Tetrachloroethene	10.87	164	52661	54.173	ug/l	98
65) Chlorobenzene	11.66	112	150970	56.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62944	66.073	ug/l	98
67) Ethyl Benzene	11.74	91	219631	47.277	ug/l	98
68) m/p-Xylenes	11.84	106	165035	89.879	ug/l	98
69) o-Xylene	12.17	106	81530	46.590	ug/l	100
70) Styrene	12.18	104	137079	48.172	ug/l	99
71) Bromoform	12.35	173	36856	69.363	ug/l #	99
73) Isopropylbenzene	12.47	105	169904	72.746	ug/l	99
74) N-amyl acetate	12.28	43	47446	104.590	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	60416	170.075	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	77447	306.705	ug/l #	100
77) Bromobenzene	12.75	156	53946	94.301	ug/l	91
78) n-propylbenzene	12.81	91	163398	60.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	102624	67.219	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	115147	58.481	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16905	160.030	ug/l	92
82) 4-Chlorotoluene	12.99	91	104071	65.073	ug/l	100
83) tert-Butylbenzene	13.21	119	95769	54.364	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	114776	57.607	ug/l	100
85) sec-Butylbenzene	13.39	105	110445	44.378	ug/l	99
86) p-Isopropyltoluene	13.51	119	94378	41.926	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	61372	53.906	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60695	53.543	ug/l	99
89) n-Butylbenzene	13.83	91	69064	33.548	ug/l	98
90) Hexachloroethane	14.10	117	13542	35.516	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	58981	58.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8178	128.583	ug/l	93

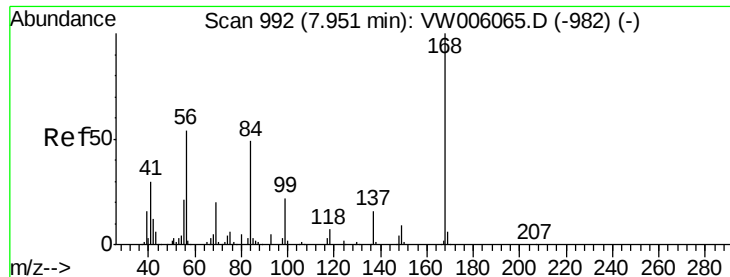
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	21869	27.987	ug/l	100
94) Hexachlorobutadiene	15.24	225	8191	16.687	ug/l	96
95) Naphthalene	15.38	128	70147	53.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	16501	24.415	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

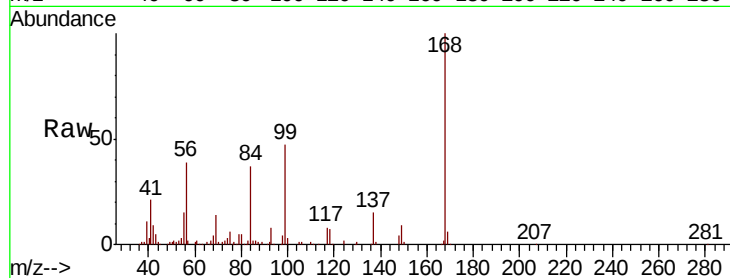
PA-SB-01BMS

Tot Ion:168 Resp: 136340

Ion Ratio Lower Upper

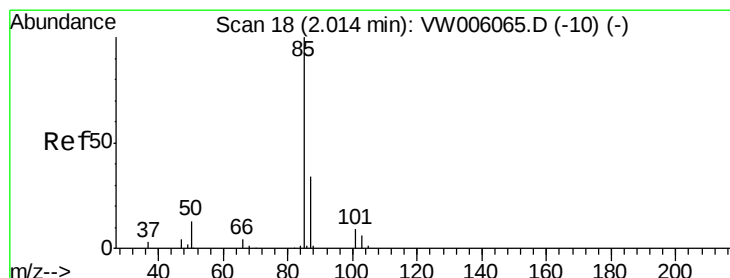
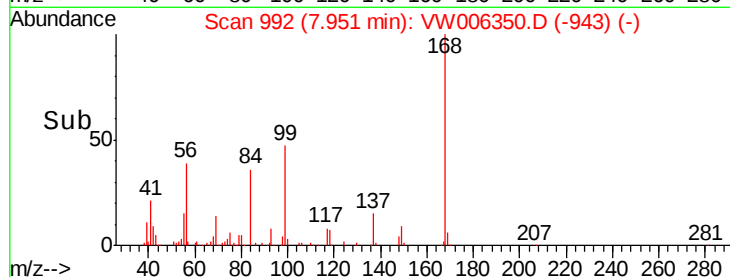
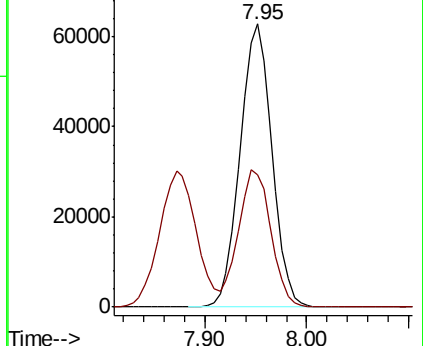
168 100

99 46.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 73.292 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006350.D

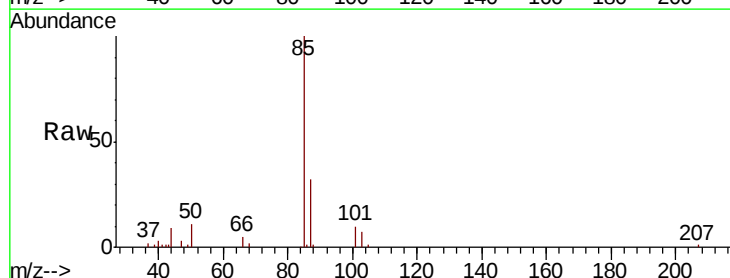
Acq: 25 Oct 2018 07:05

Tgt Ion: 85 Resp: 49449

Ion Ratio Lower Upper

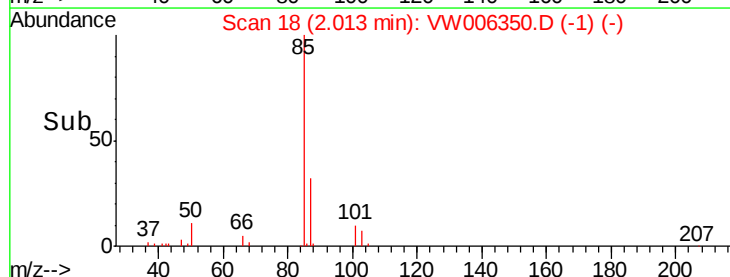
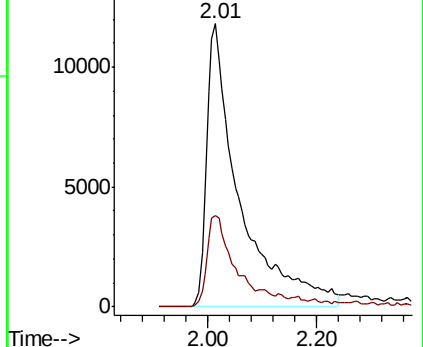
85 100

87 32.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 80.108 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

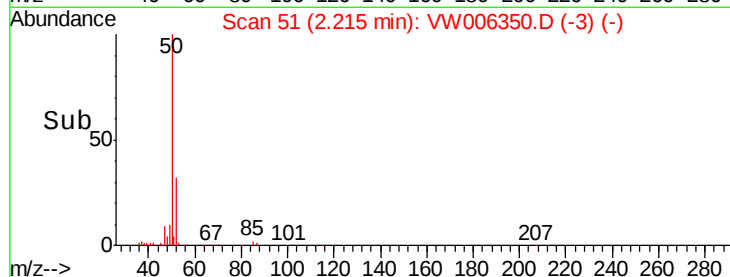
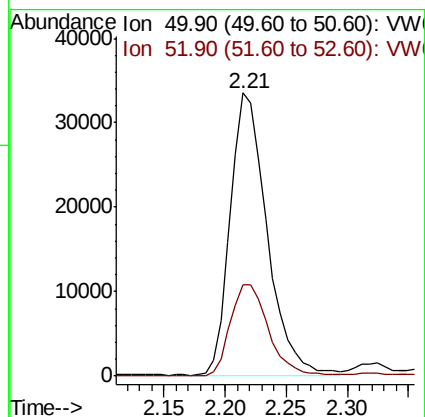
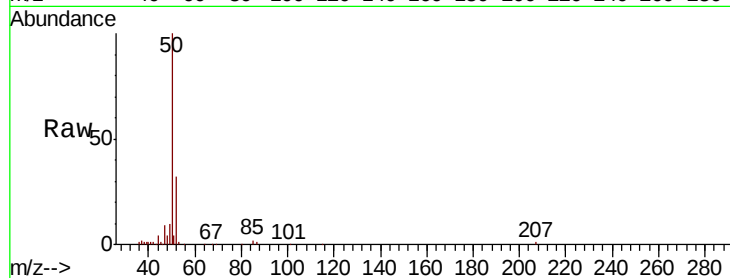
PA-SB-01BMS

Tot Ion: 50 Resp: 69572

Ion Ratio Lower Upper

50 100

52 32.2 26.8 40.2



#4

Vinyl Chloride

Concen: 79.288 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006350.D

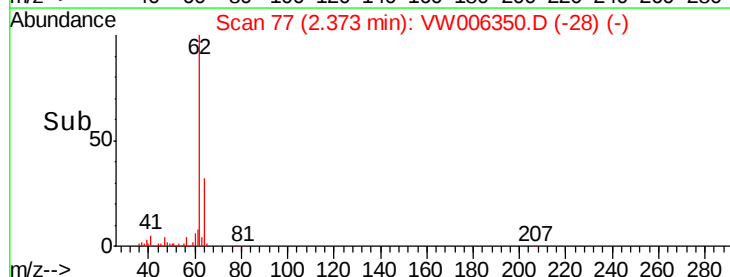
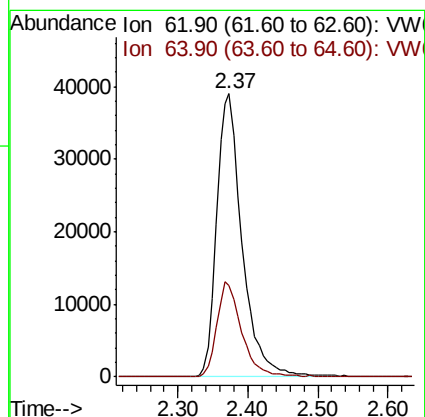
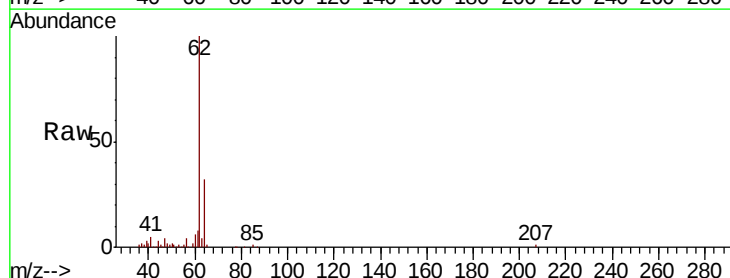
Acq: 25 Oct 2018 07:05

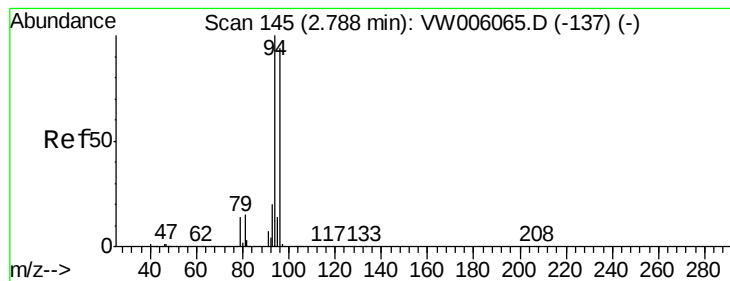
Tgt Ion: 62 Resp: 98339

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 76.605 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

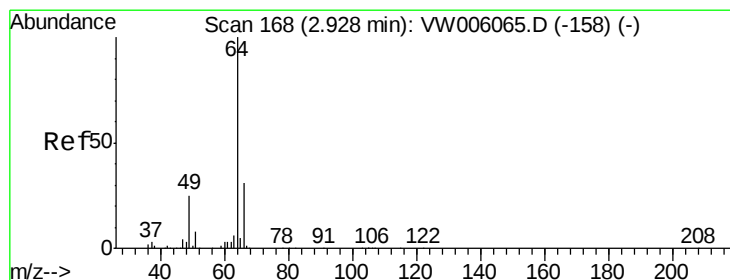
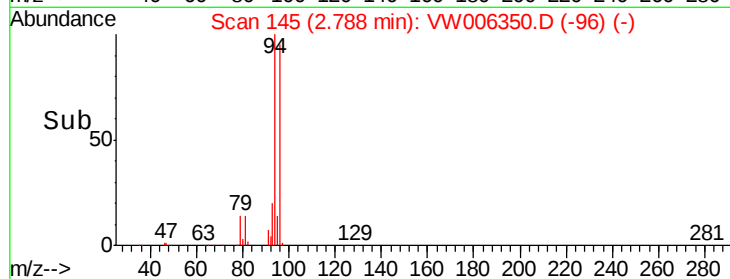
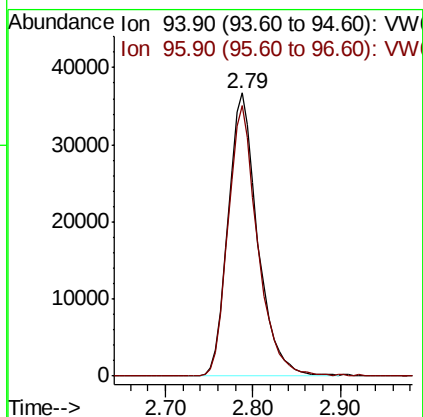
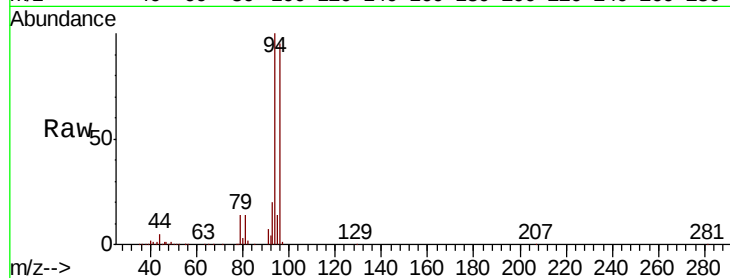
PA-SB-01BMS

Tot Ion: 94 Resp: 86416

Ion Ratio Lower Upper

94 100

96 95.4 74.9 112.3



#6

Chloroethane

Concen: 79.292 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006350.D

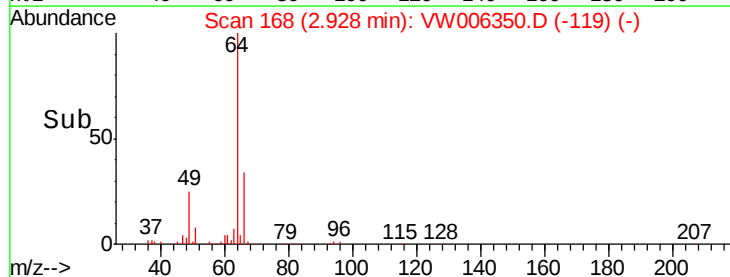
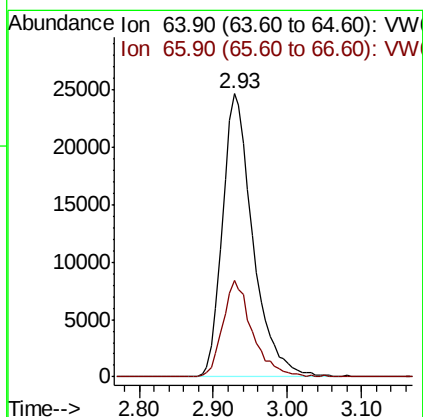
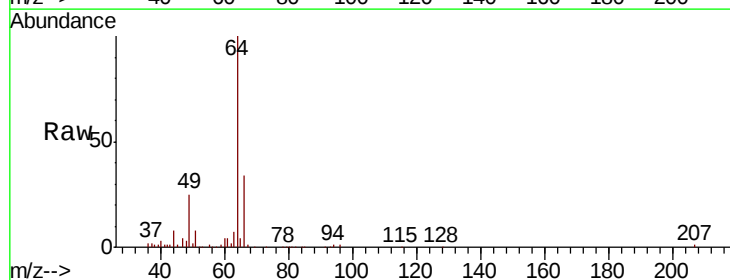
Acq: 25 Oct 2018 07:05

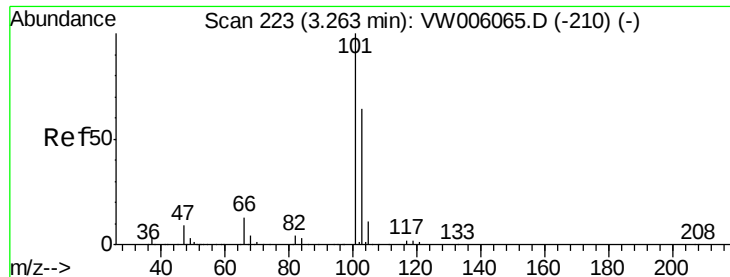
Tgt Ion: 64 Resp: 70476

Ion Ratio Lower Upper

64 100

66 34.1 24.9 37.3



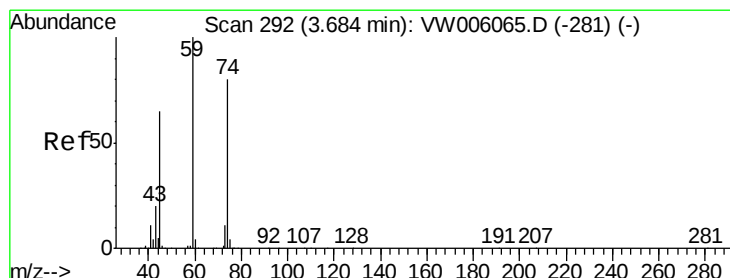
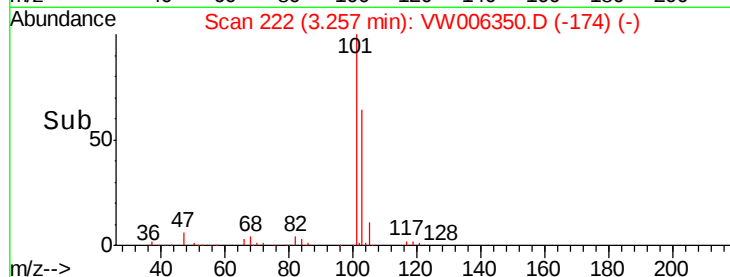
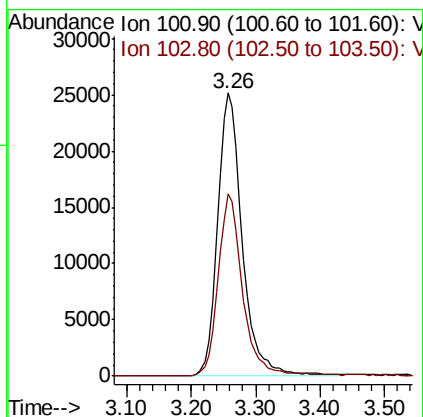
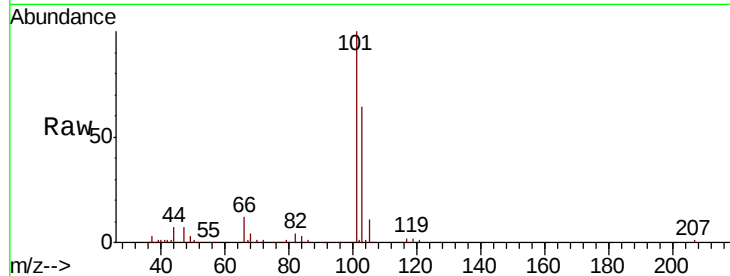


#7

Trichlorofluoromethane
 Concen: 58.780 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

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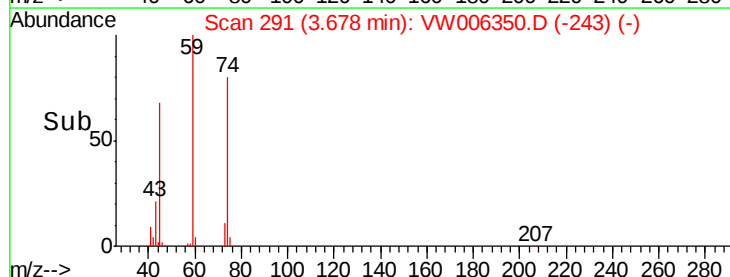
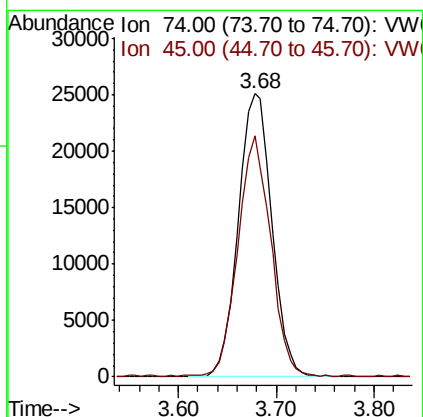
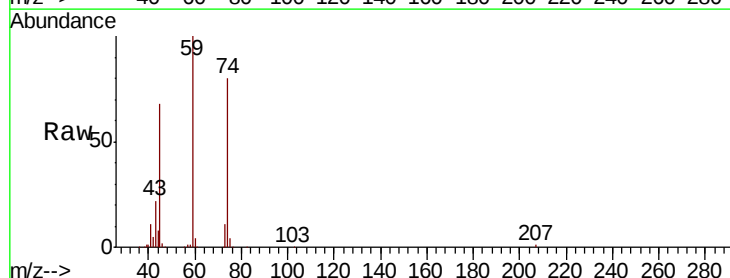
Tot Ion:101 Resp: 67914
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8



#8

Diethyl Ether
 Concen: 97.284 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 74 Resp: 59737
 Ion Ratio Lower Upper
 74 100
 45 82.2 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.269 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

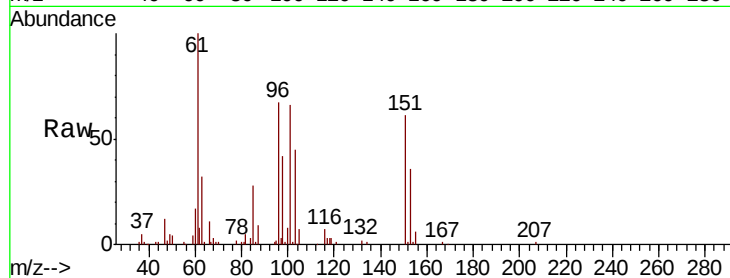
Tot Ion:101 Resp: 60868

Ion Ratio Lower Upper

101 100

85 41.5 34.9 52.3

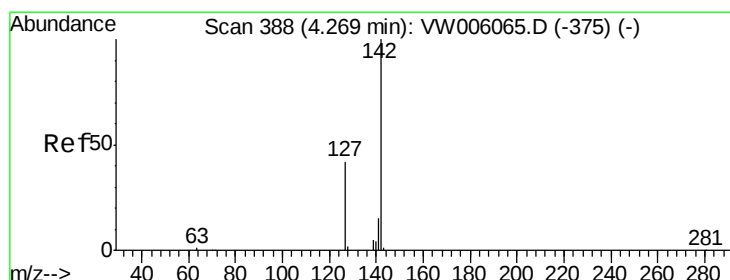
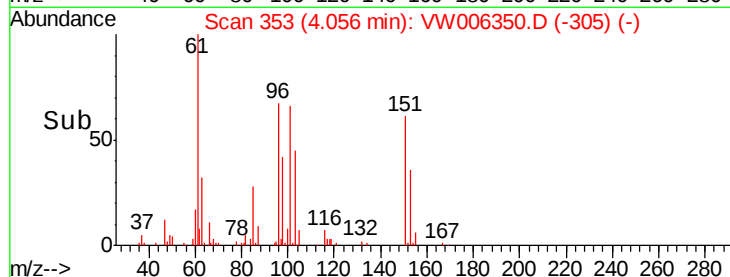
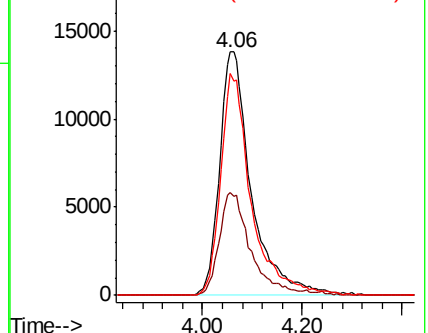
151 88.0 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 78.594 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

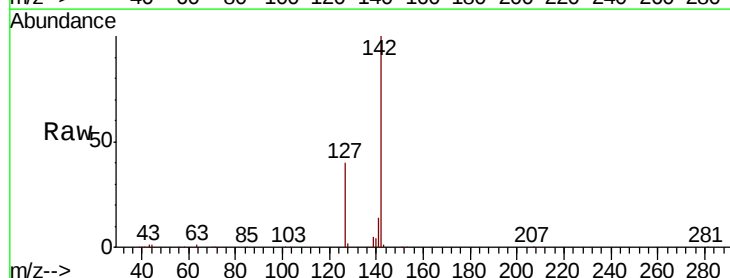
Tgt Ion:142 Resp: 158393

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

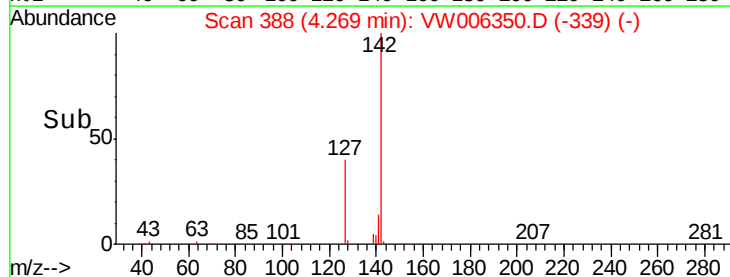
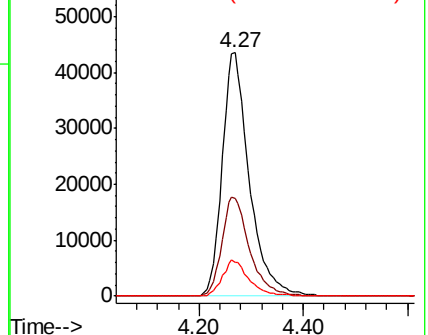
141 14.5 11.6 17.4

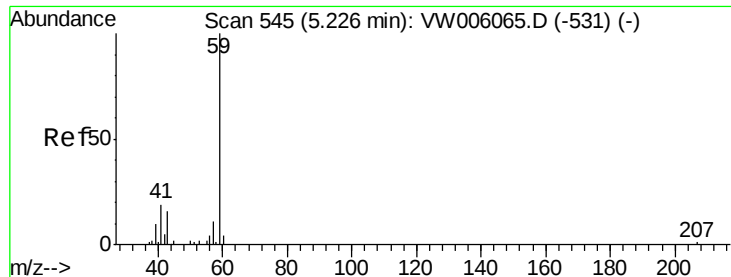


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



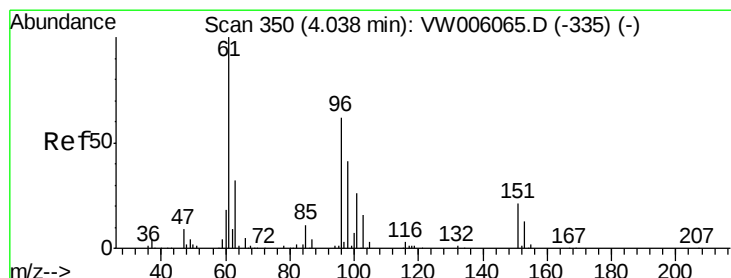
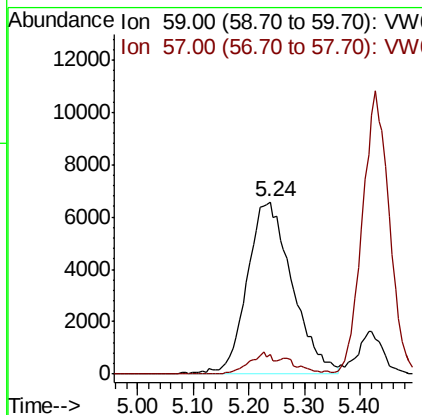
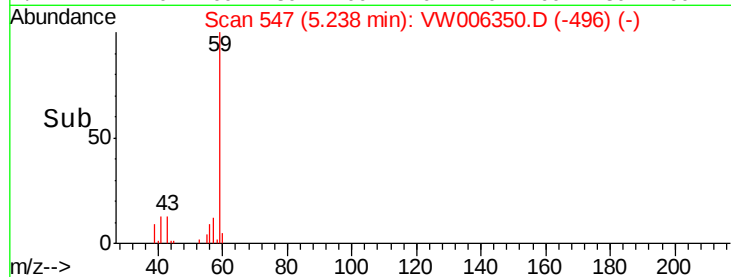
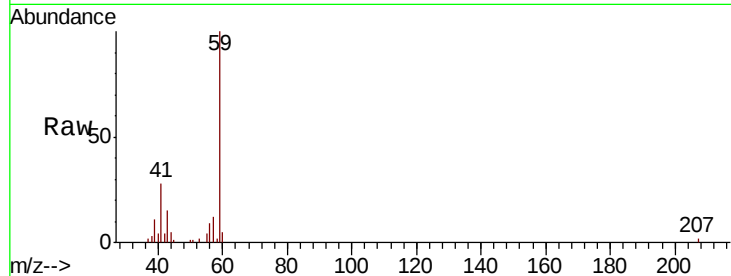


#11

Tert butyl alcohol
 Concen: 488.122 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

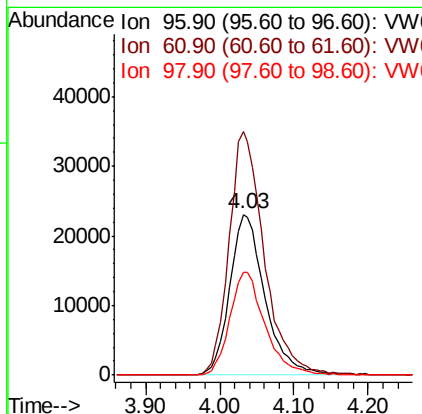
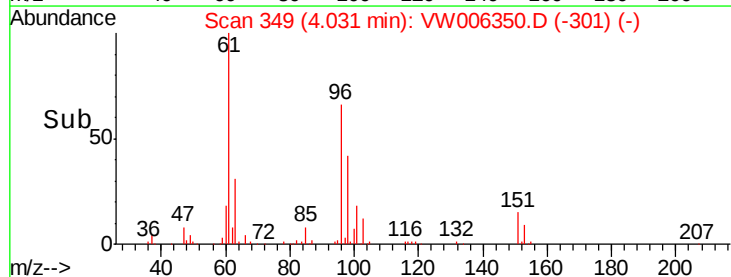
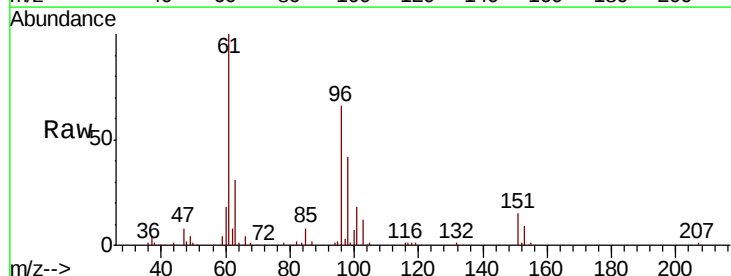
Tot Ion: 59 Resp: 37107
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.7 13.1#

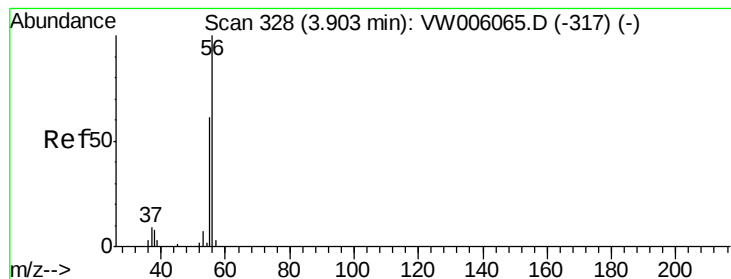


#12

1,1-Dichloroethene
 Concen: 66.880 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 96 Resp: 76187
 Ion Ratio Lower Upper
 96 100
 61 151.5 129.3 193.9
 98 64.4 53.1 79.7





#13

Acrolein

Concen: 305.685 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

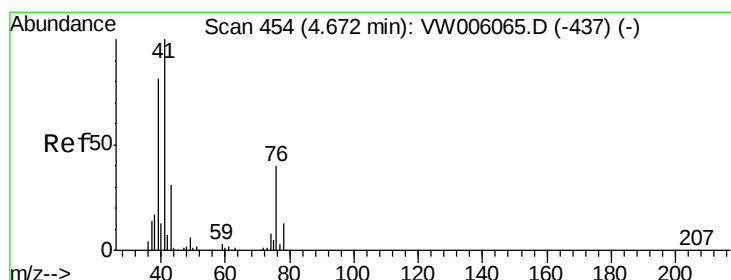
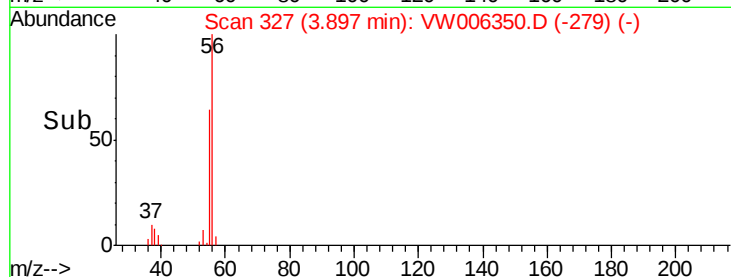
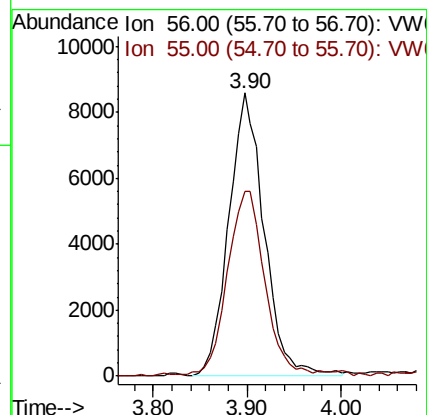
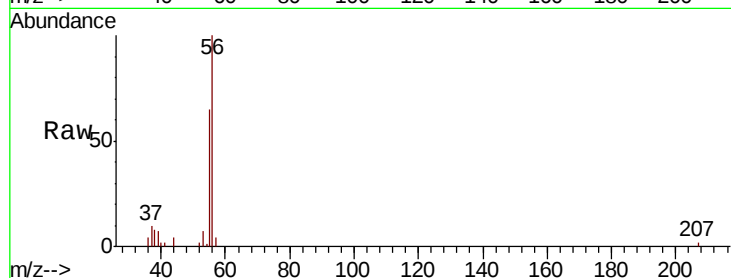
PA-SB-01BMS

Tot Ion: 56 Resp: 22486

Ion Ratio Lower Upper

56 100

55 66.7 54.5 81.7



#14

Allyl chloride

Concen: 72.345 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

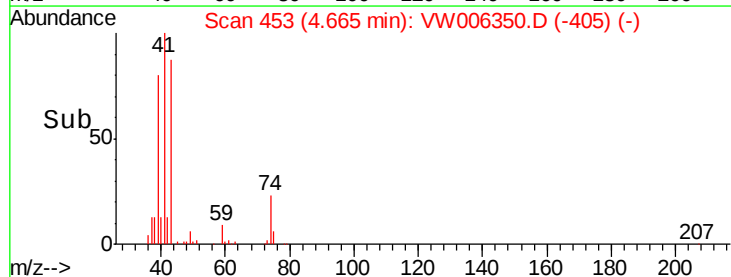
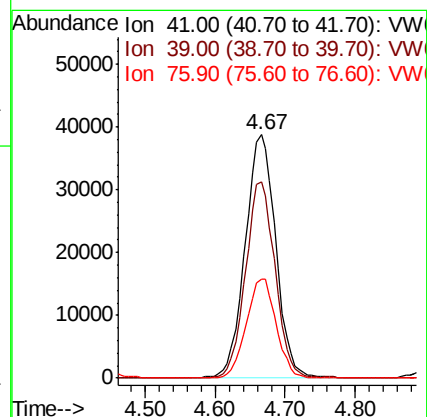
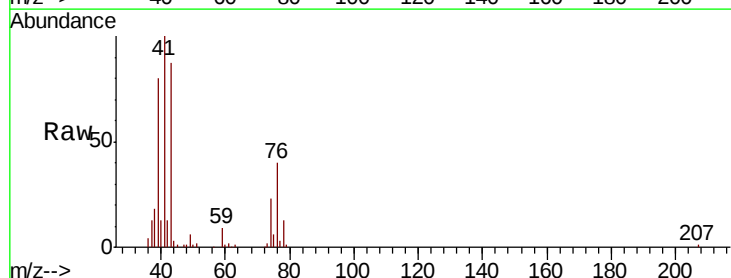
Tgt Ion: 41 Resp: 117838

Ion Ratio Lower Upper

41 100

39 77.9 64.1 96.1

76 39.5 32.2 48.4





#15

Acrylonitrile

Concen: 556.433 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

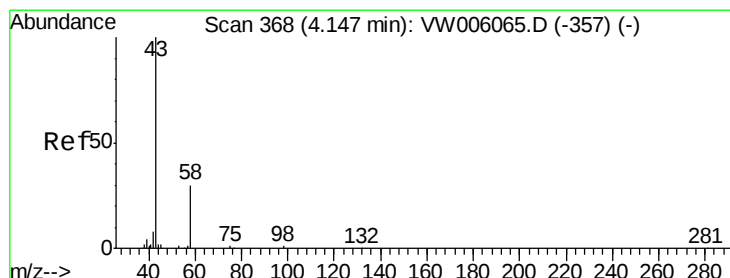
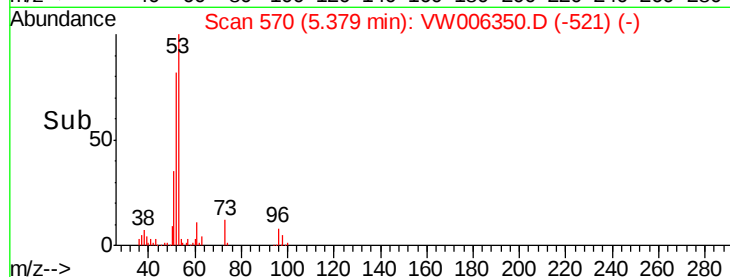
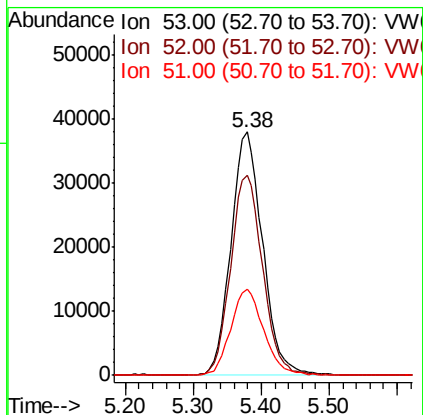
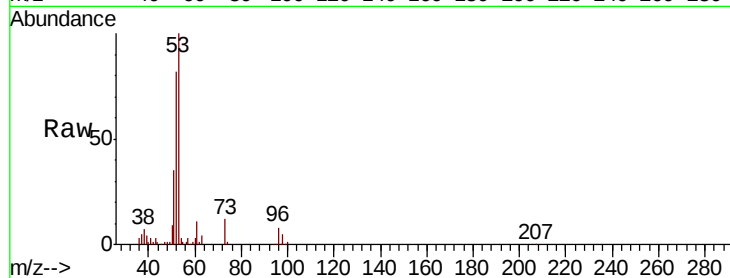
Tot Ion: 53 Resp: 122551

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

51 37.2 30.1 45.1



#16

Acetone

Concen: 605.335 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006350.D

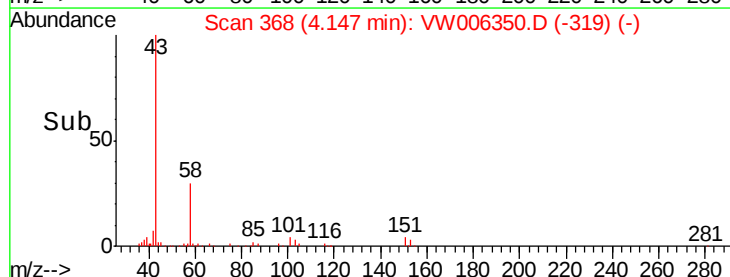
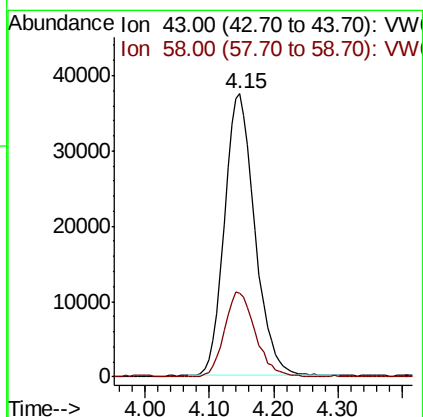
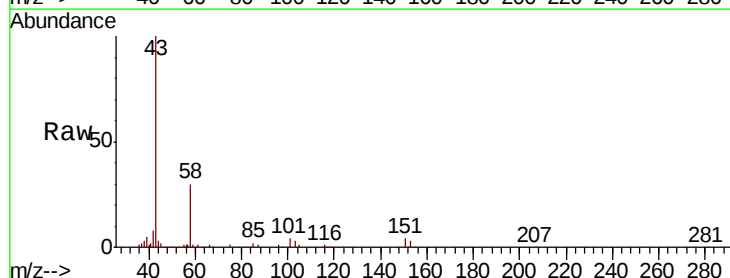
Acq: 25 Oct 2018 07:05

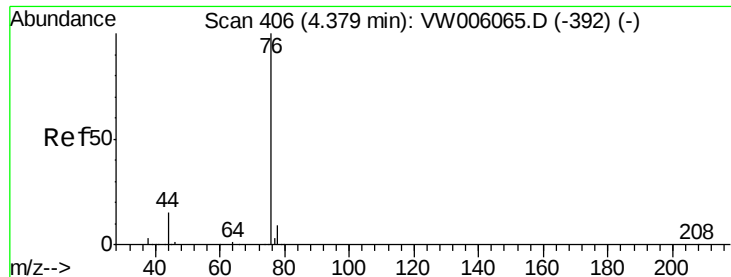
Tgt Ion: 43 Resp: 123904

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0





#17

Carbon Disulfide

Concen: 52.385 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

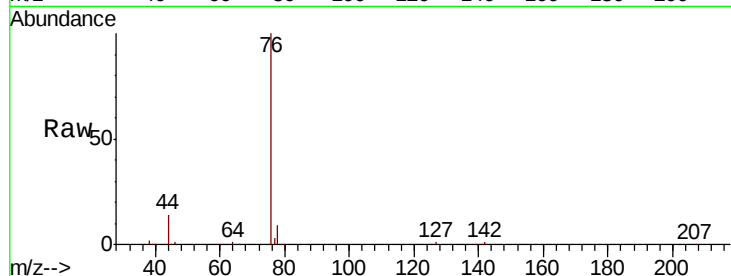
PA-SB-01BMS

Tot Ion: 76 Resp: 180104

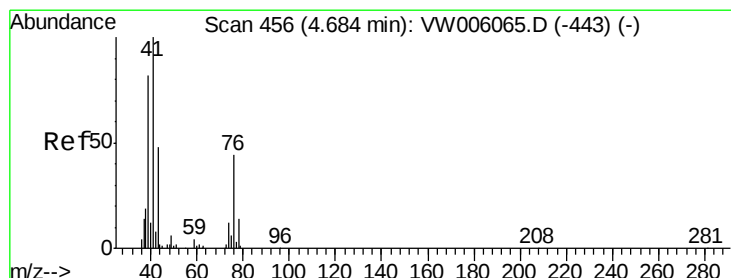
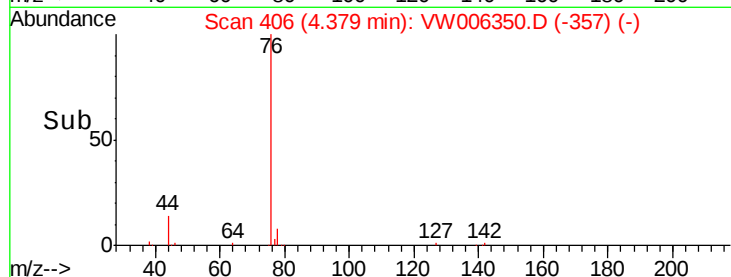
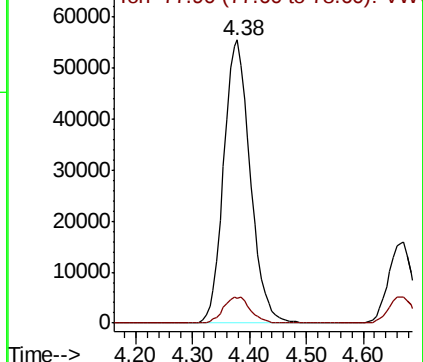
Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 228.178 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006350.D

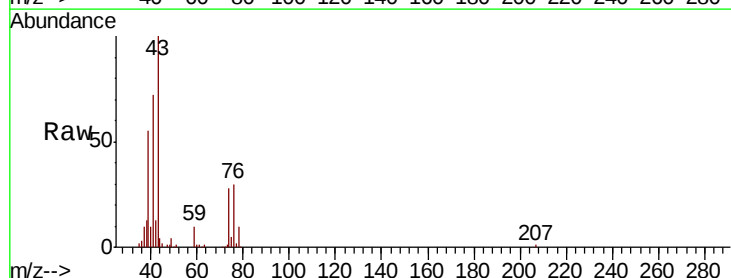
Acq: 25 Oct 2018 07:05

Tgt Ion: 43 Resp: 129795

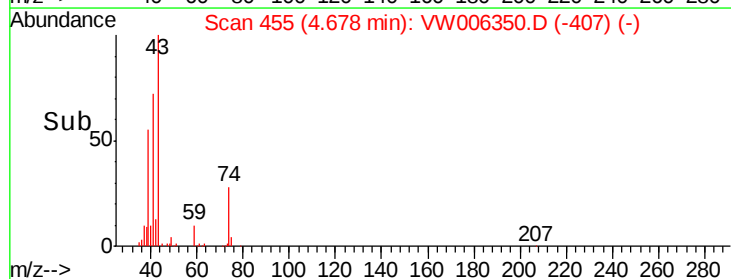
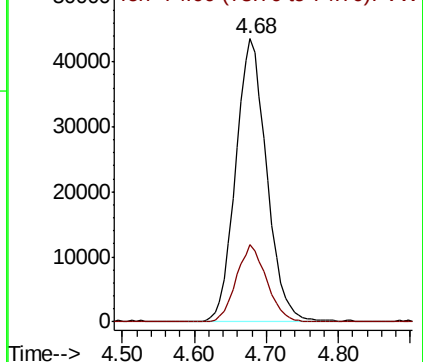
Ion Ratio Lower Upper

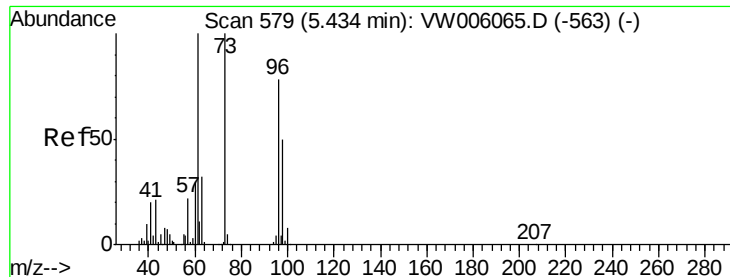
43 100

74 26.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW



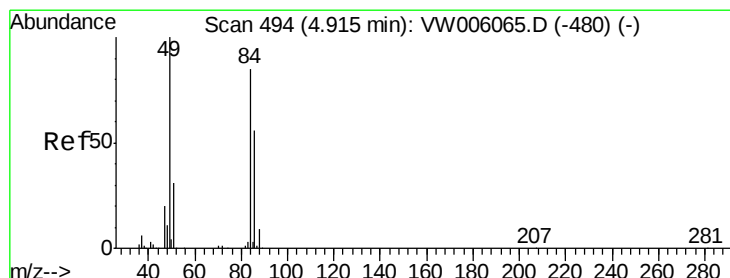
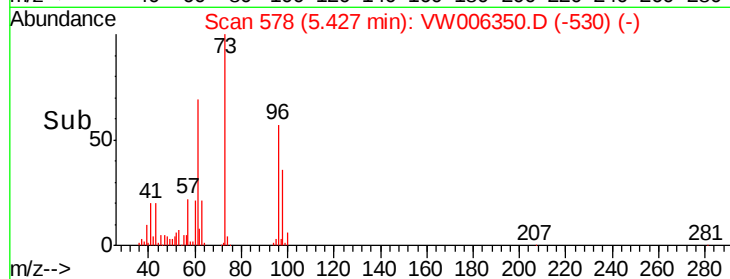
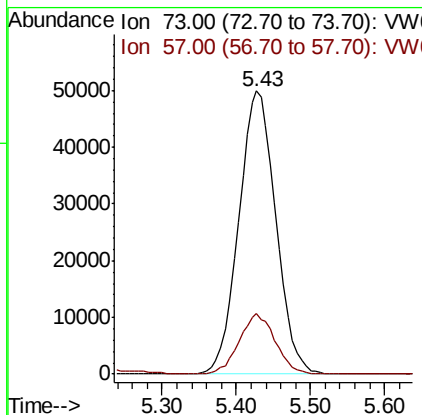
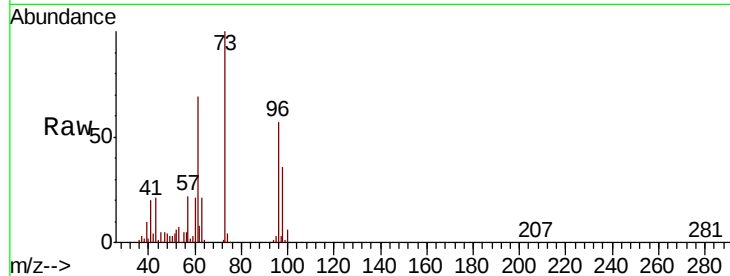


#19

Methyl tert-butyl Ether
 Concen: 100.232 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampled :
 PA-SB-01BMS

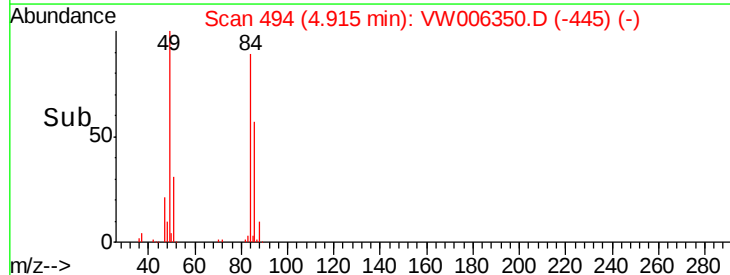
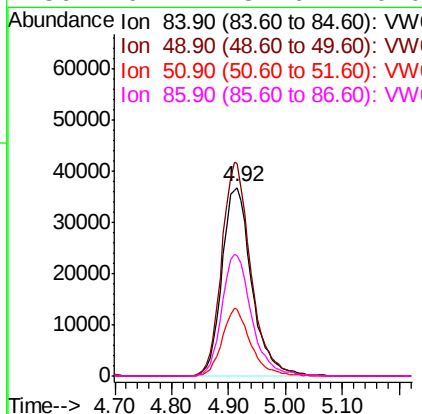
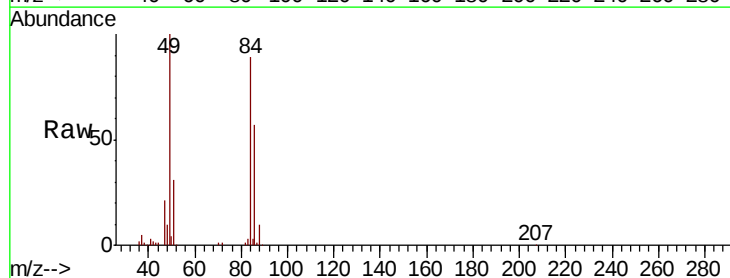
Tot Ion: 73 Resp: 173909
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.2

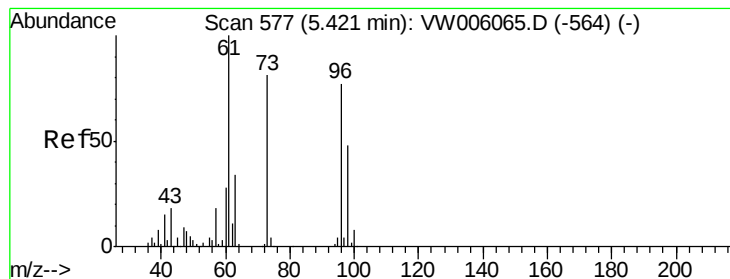


#20

Methylene Chloride
 Concen: 113.945 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 84 Resp: 133791
 Ion Ratio Lower Upper
 84 100
 49 112.6 93.6 140.4
 51 35.0 29.0 43.4
 86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 70.388 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

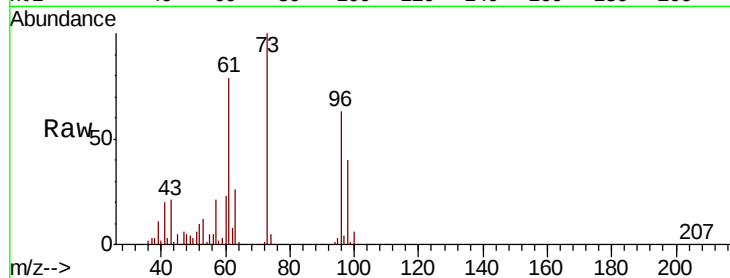
Tot Ion: 96 Resp: 89500

Ion Ratio Lower Upper

96 100

61 125.3 104.5 156.7

98 63.7 50.6 75.8

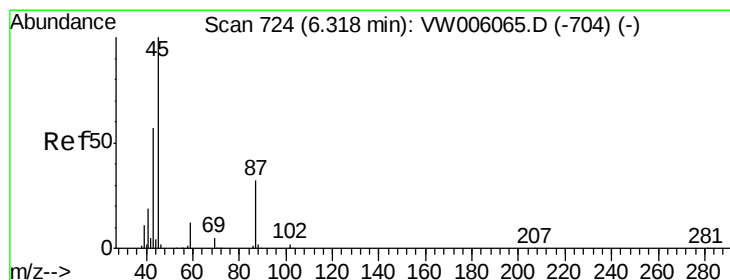
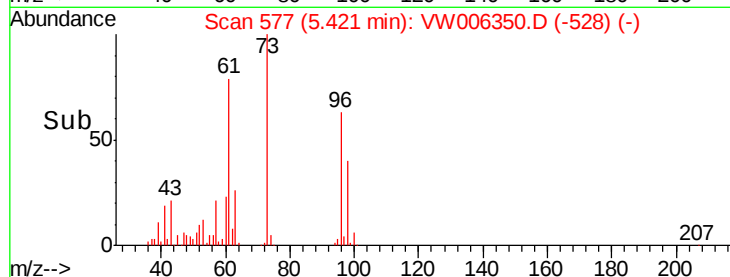
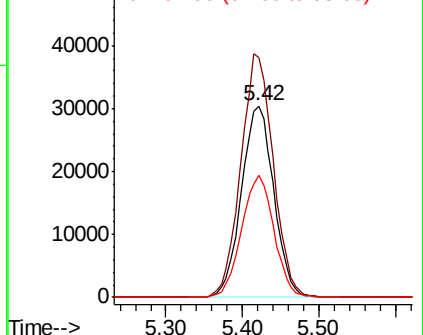


Abundance

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



#22

Diisopropyl ether

Concen: 86.801 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion: 45 Resp: 279396

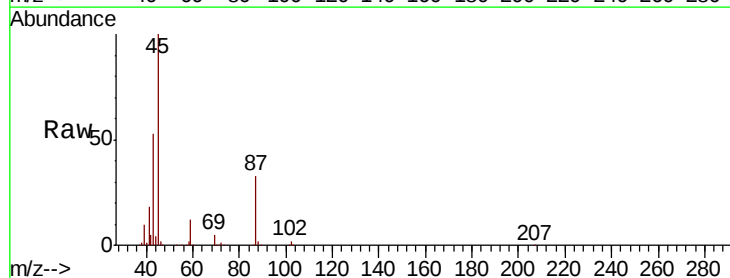
Ion Ratio Lower Upper

45 100

43 52.9 45.7 68.5

87 32.4 25.9 38.9

59 11.7 9.6 14.4



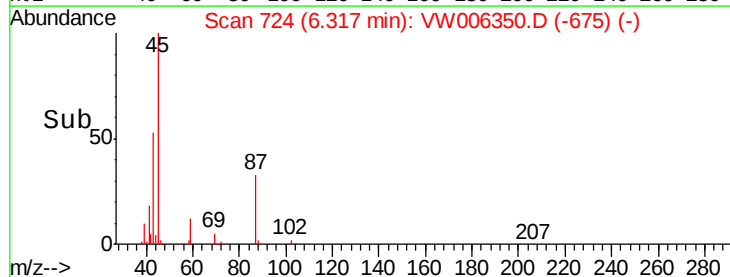
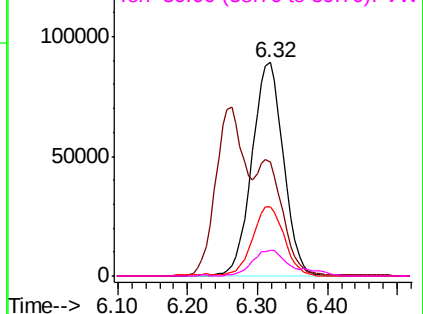
Abundance

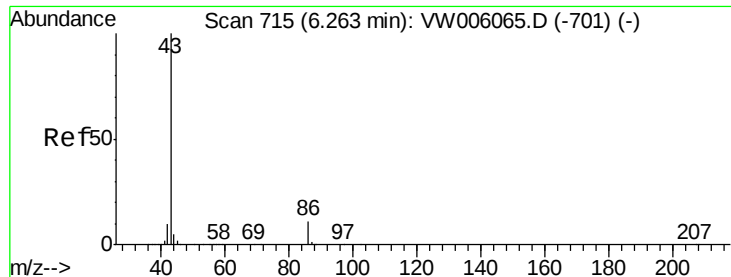
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 111.680 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

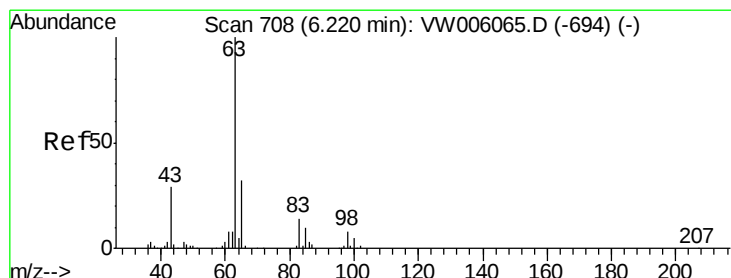
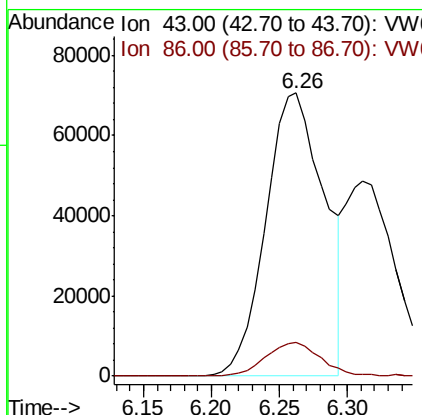
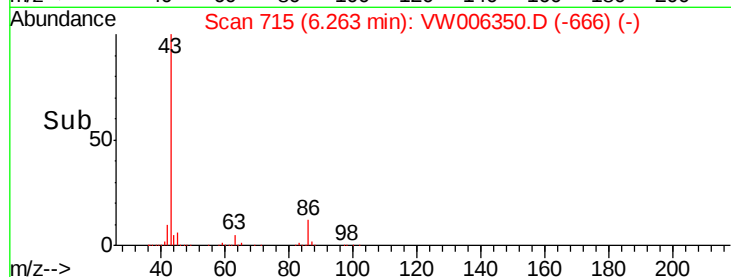
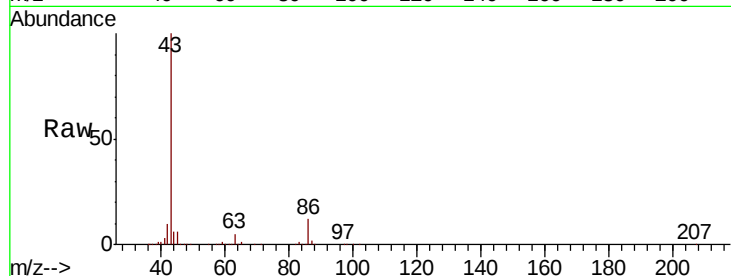
PA-SB-01BMS

Tot Ion: 43 Resp: 212146

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.6



#24

1,1-Dichloroethane

Concen: 75.424 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

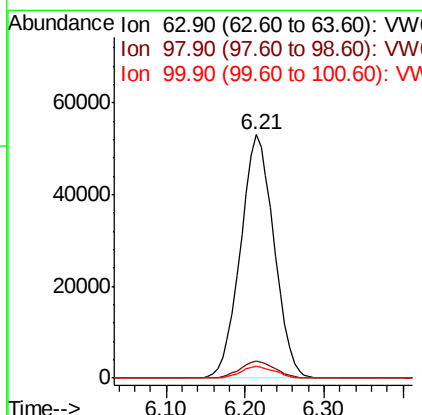
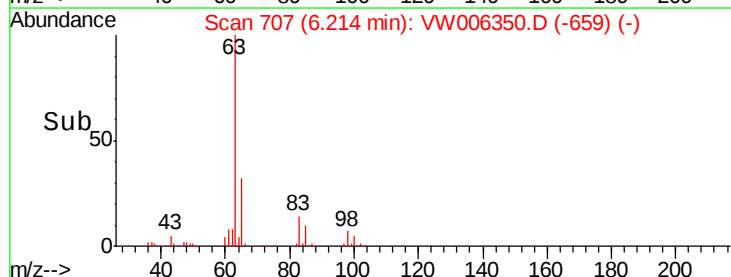
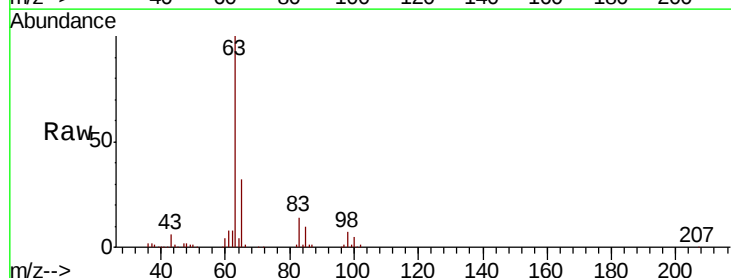
Tgt Ion: 63 Resp: 156653

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 550.596 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

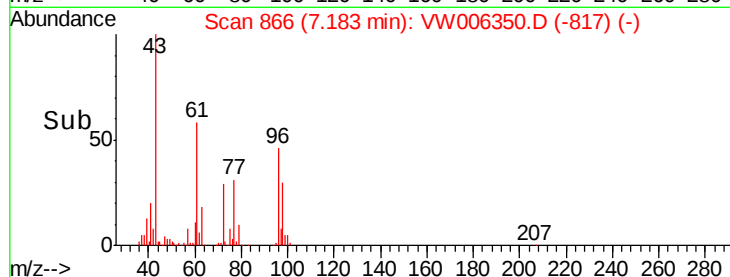
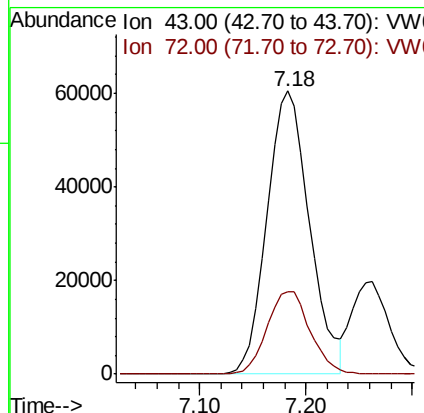
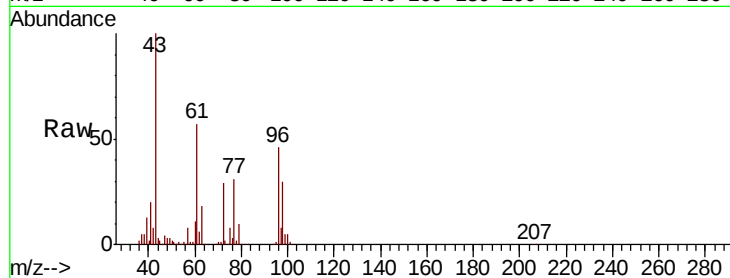
PA-SB-01BMS

Tot Ion: 43 Resp: 168129

Ion Ratio Lower Upper

43 100

72 28.9 22.8 34.2



#26

2,2-Dichloropropane

Concen: 53.267 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006350.D

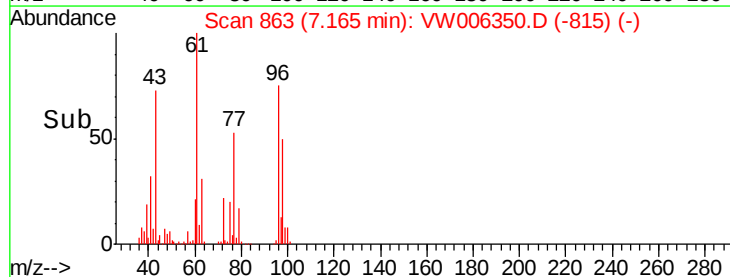
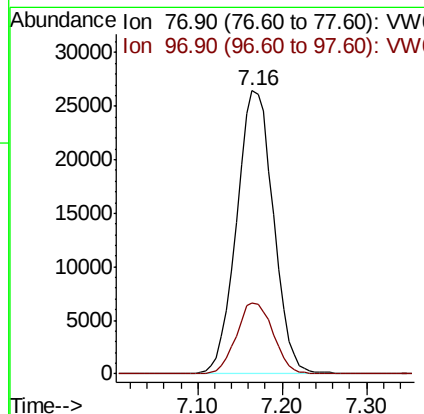
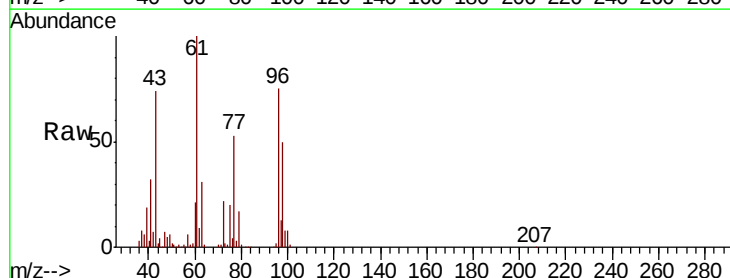
Acq: 25 Oct 2018 07:05

Tgt Ion: 77 Resp: 78029

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.4



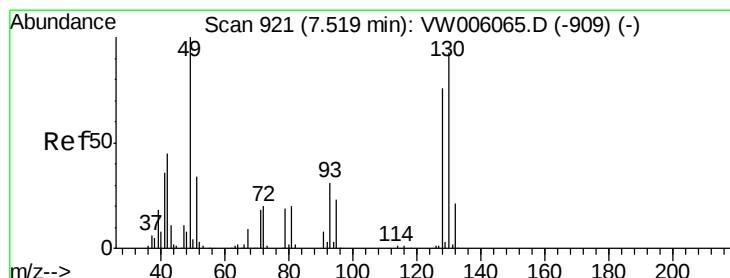
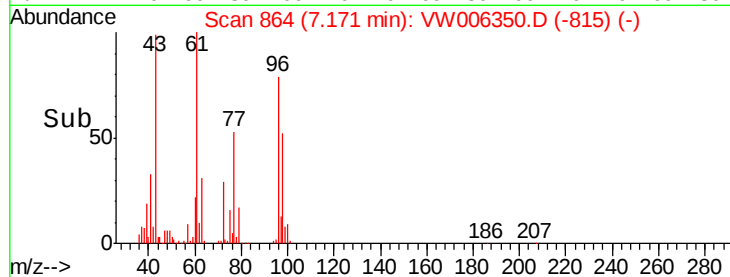
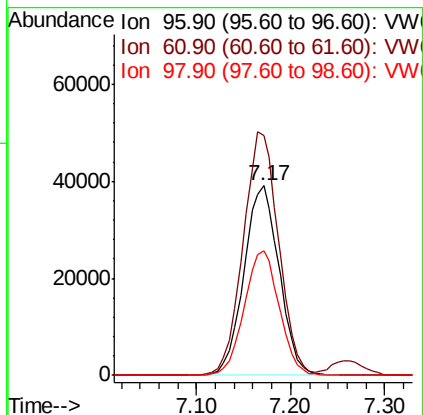
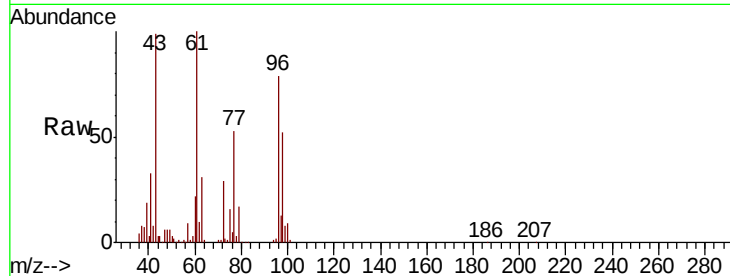


#27

cis-1,2-Dichloroethene
 Concen: 72.905 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

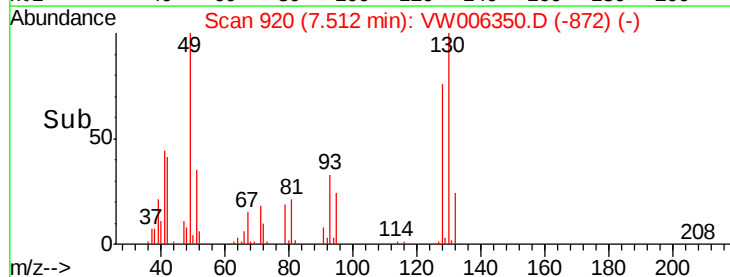
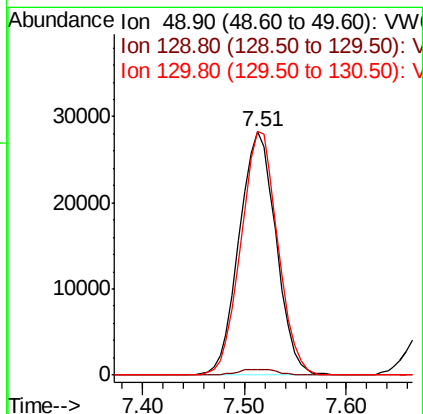
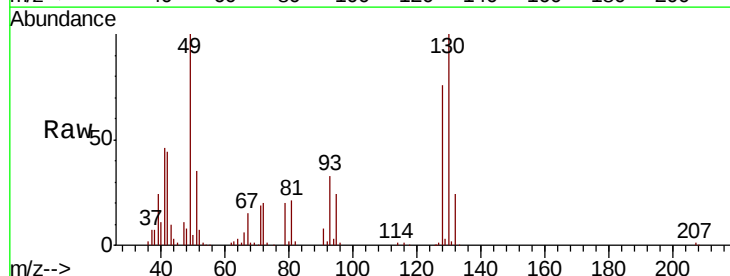
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	267.2
98	65.3	0.0	128.6

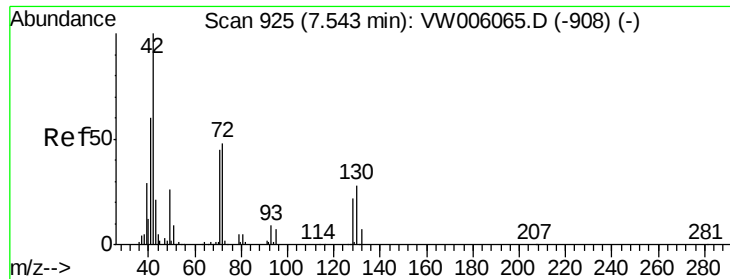


#28

Bromochloromethane
 Concen: 88.652 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.5	73.8	110.8





#29

Tetrahydrofuran

Concen: 552.828 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

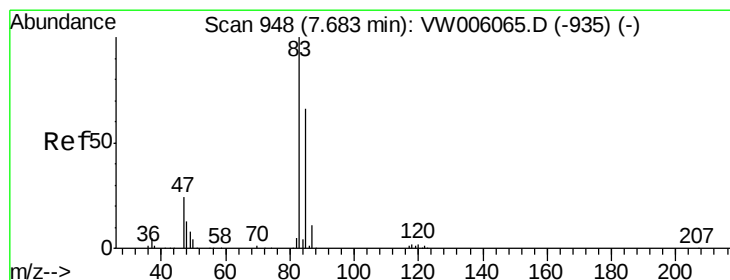
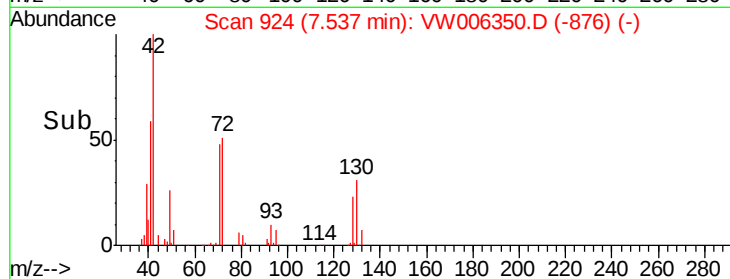
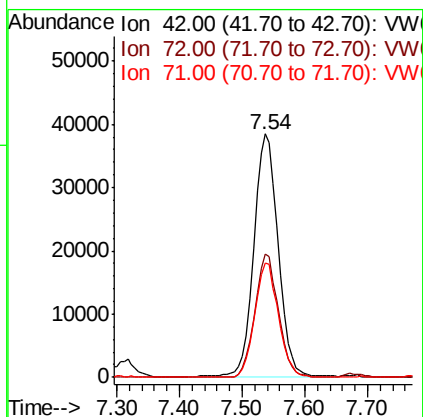
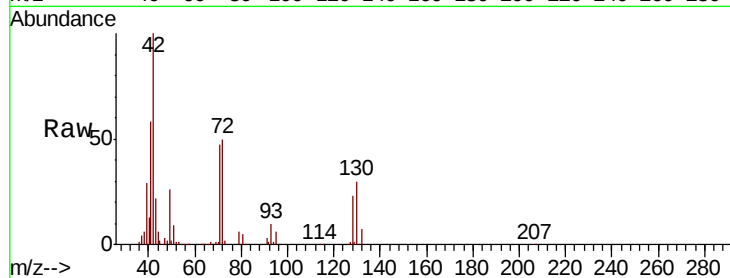
Tot Ion: 42 Resp: 103764

Ion Ratio Lower Upper

42 100

72 48.4 38.0 57.0

71 45.6 35.3 52.9



#30

Chloroform

Concen: 71.399 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006350.D

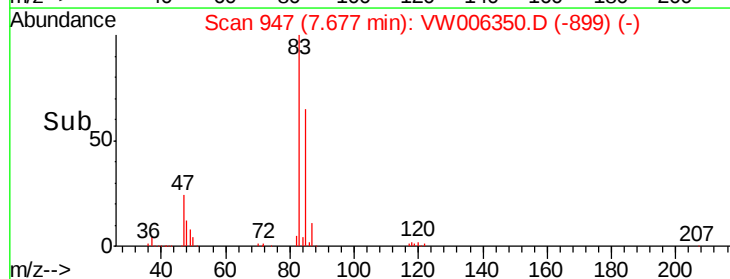
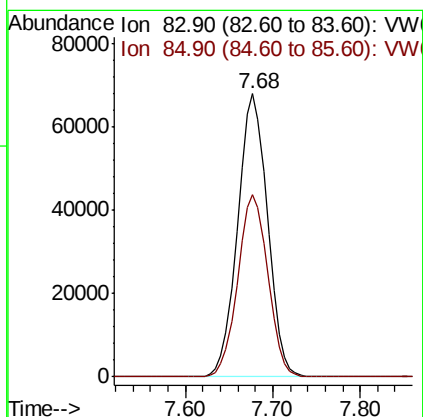
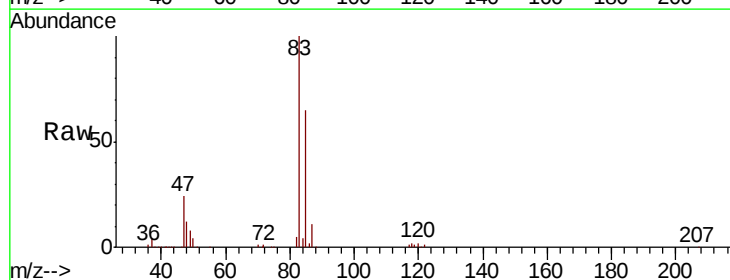
Acq: 25 Oct 2018 07:05

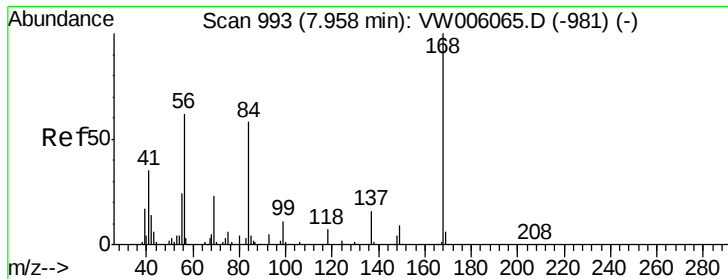
Tgt Ion: 83 Resp: 161566

Ion Ratio Lower Upper

83 100

85 64.5 52.6 79.0

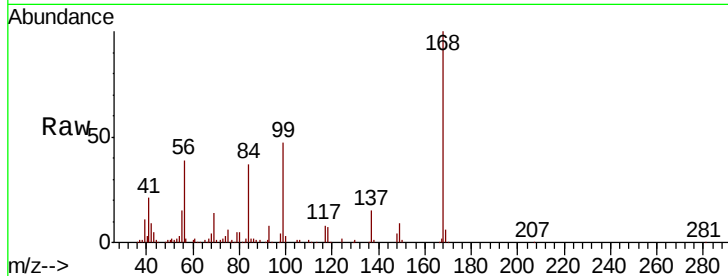




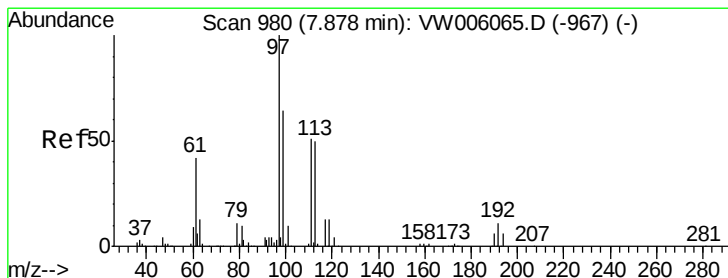
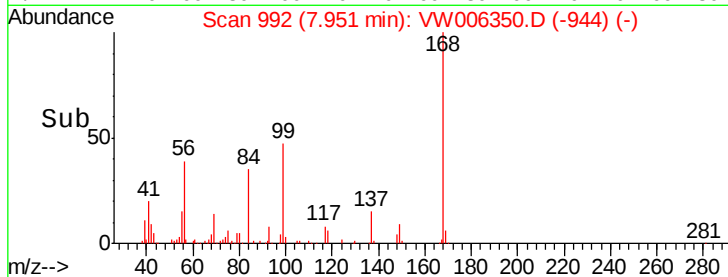
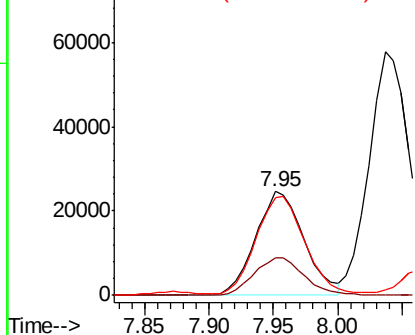
#31
Cyclohexane
Concen: 31.013 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampled :
PA-SB-01BMS

Tot Ion: 56 Resp: 64147
Ion Ratio Lower Upper
56 100
69 36.0 29.4 44.0
84 91.3 74.0 111.0

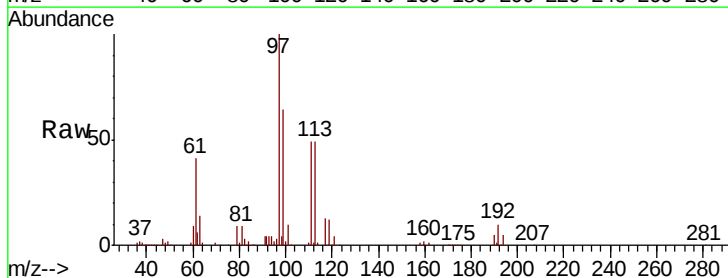


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

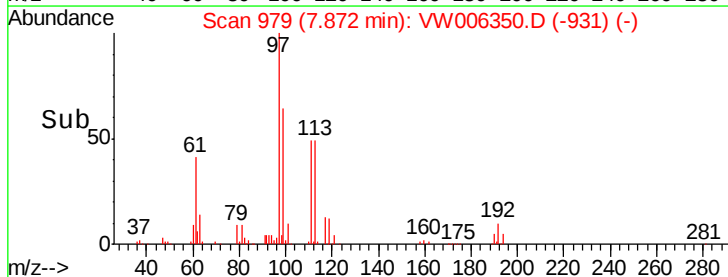
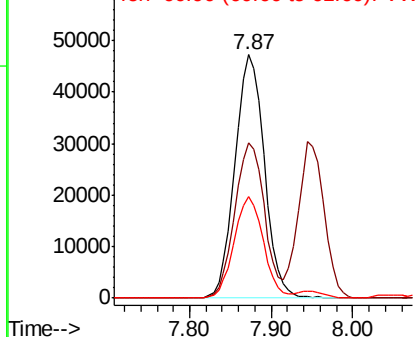


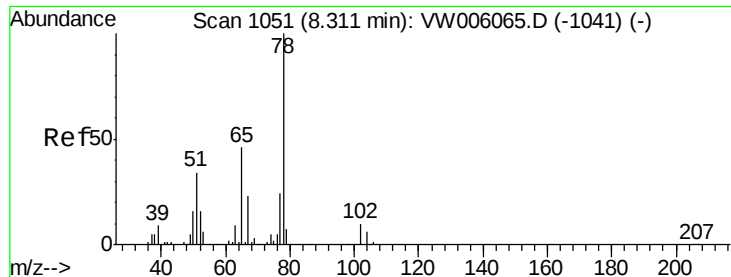
#32
1,1,1-Trichloroethane
Concen: 57.739 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 97 Resp: 117858
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 41.4 33.7 50.5



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: 76.936 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

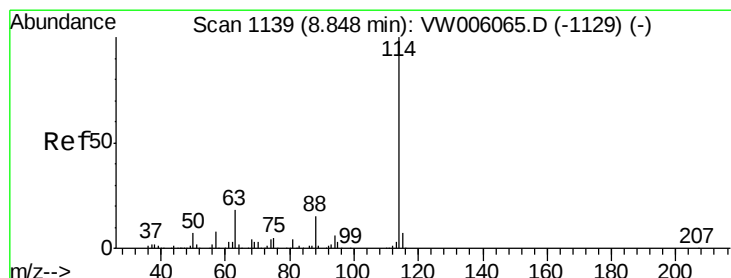
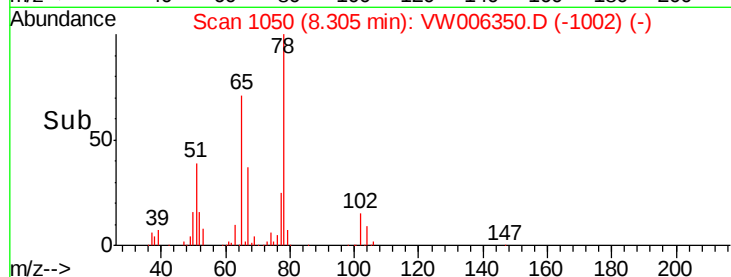
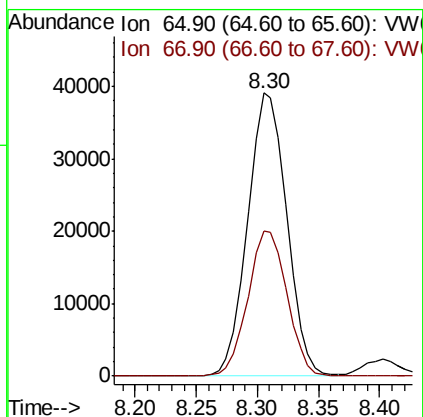
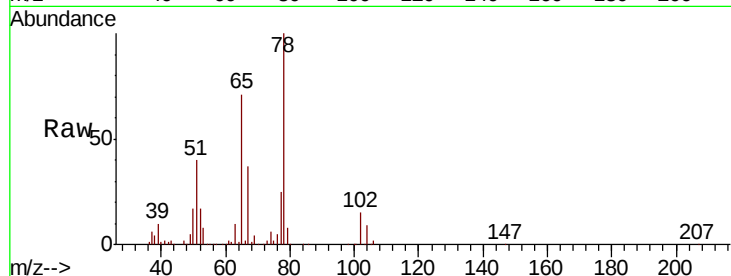
PA-SB-01BMS

Tot Ion: 65 Resp: 86963

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

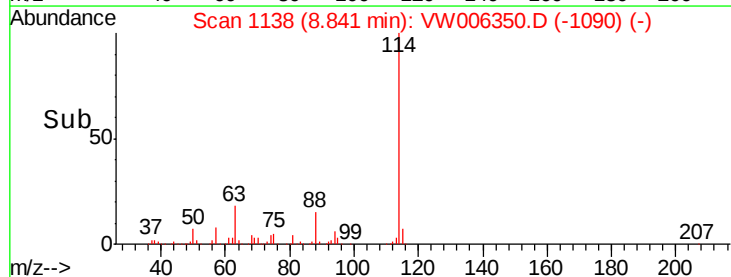
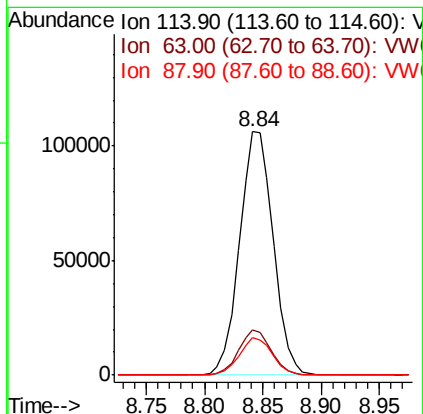
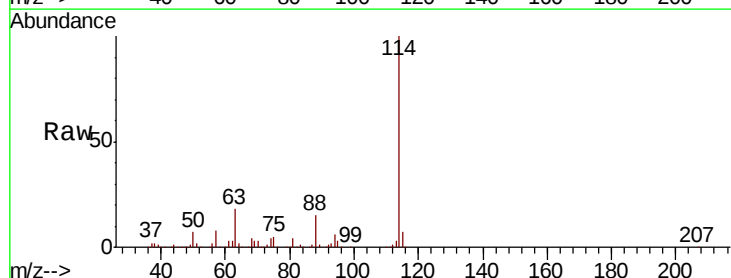
Tgt Ion: 114 Resp: 213688

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.3 0.0 29.0

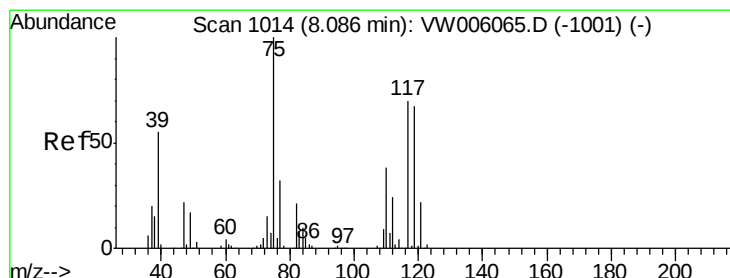
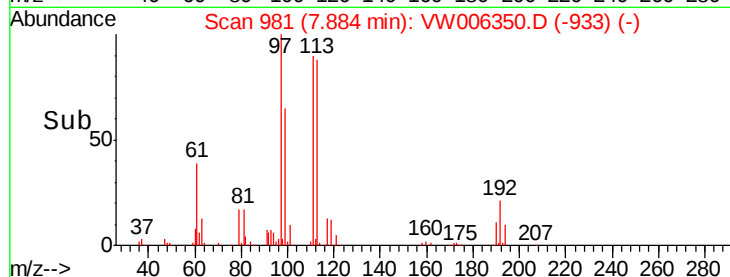
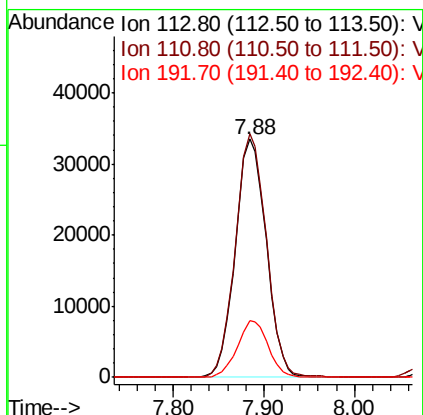
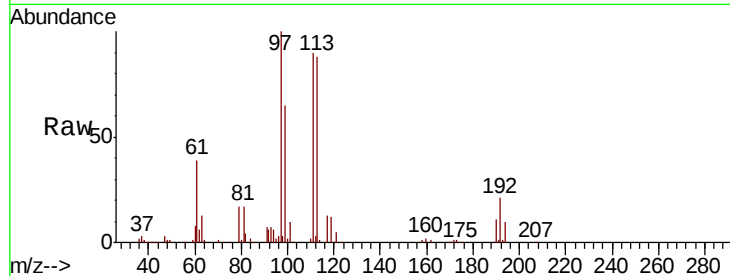




#35
 Dibromofluoromethane
 Concen: 62.823 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

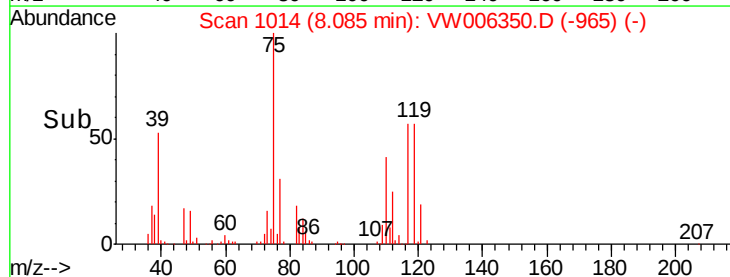
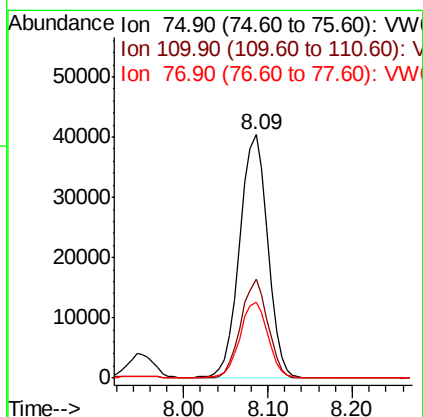
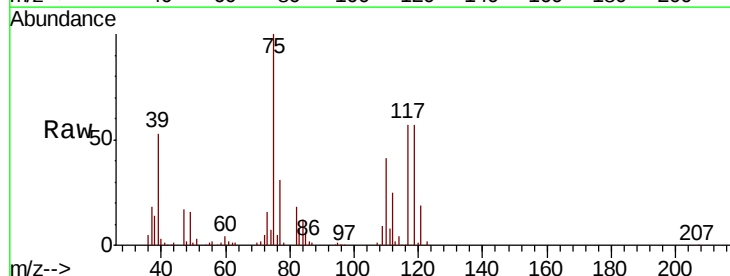
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

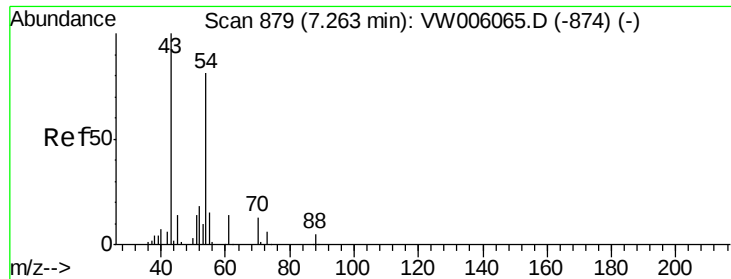
Tot Ion:113 Resp: 79325
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 46.138 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 75 Resp: 90873
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.1 57.1
 77 31.1 25.0 37.4

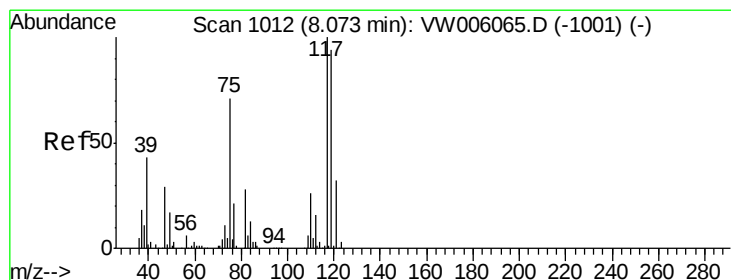
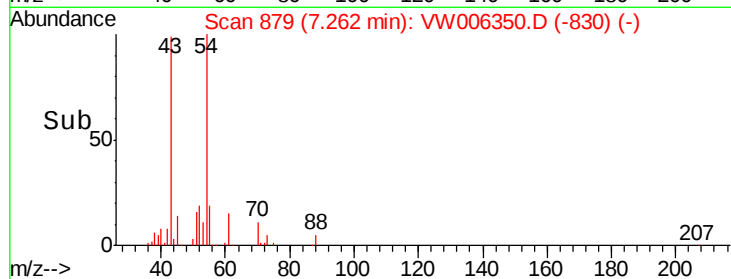
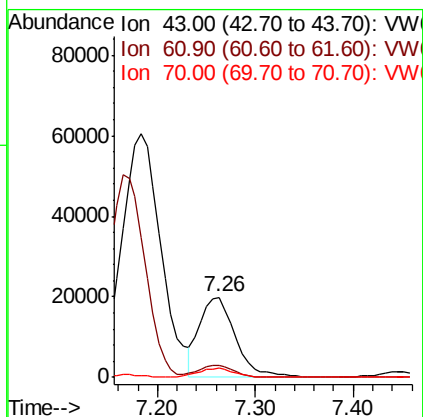
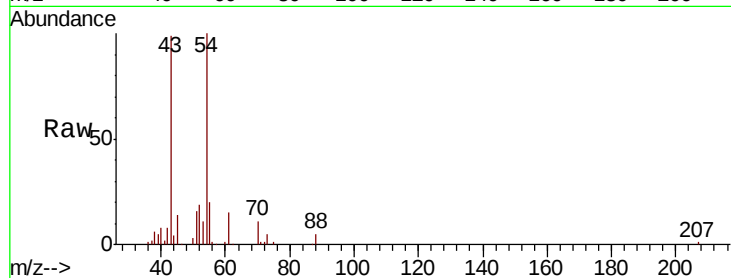




#37
Ethyl Acetate
Concen: 68.322 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

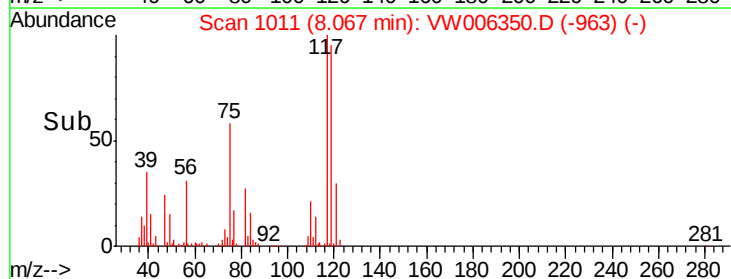
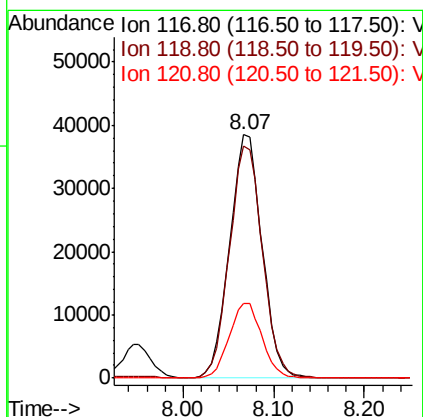
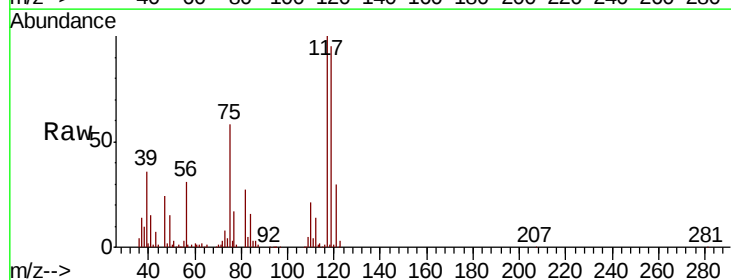
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

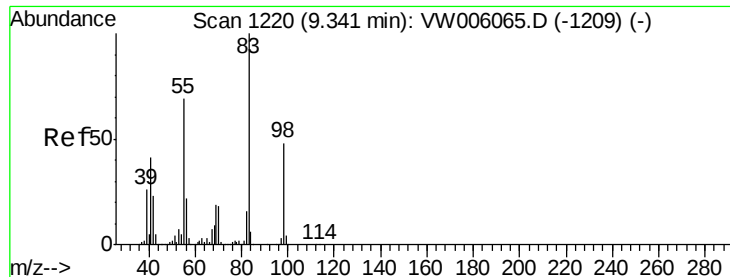
Tot Ion	43	Resp	49997
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	11.9	9.2	13.8



#38
Carbon Tetrachloride
Concen: 44.229 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion	117	Resp	95498
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.2	112.8
121	30.4	25.3	37.9

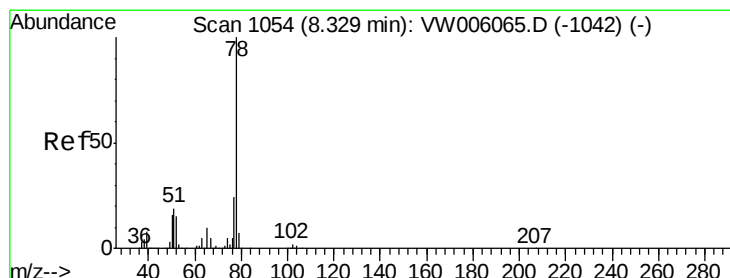
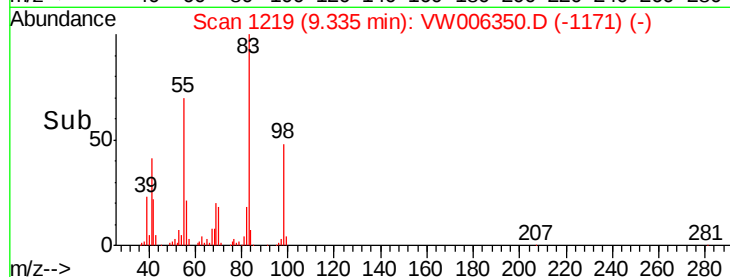
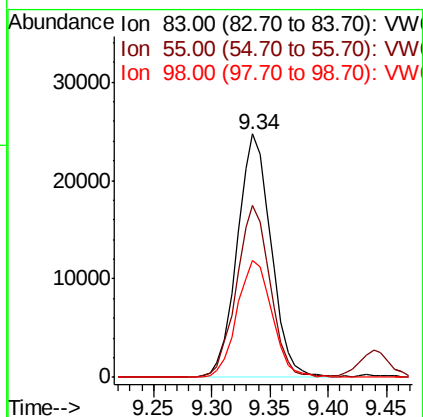
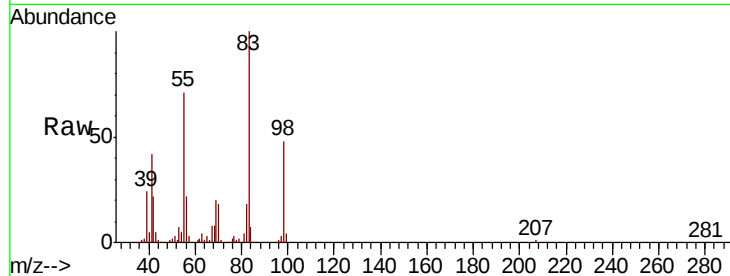




#39
Methvlcvclohexane
Concen: 19.192 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

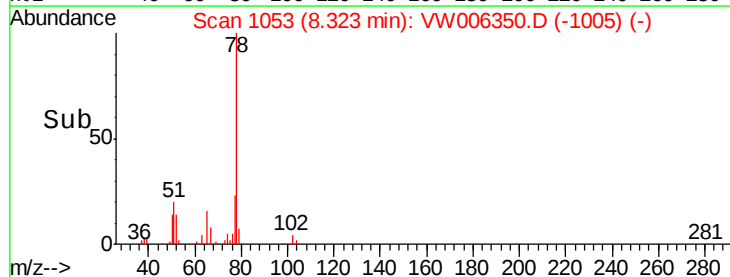
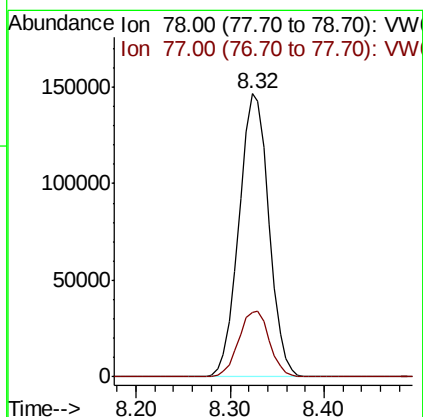
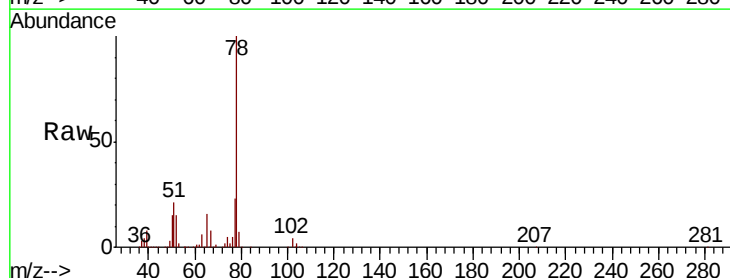
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

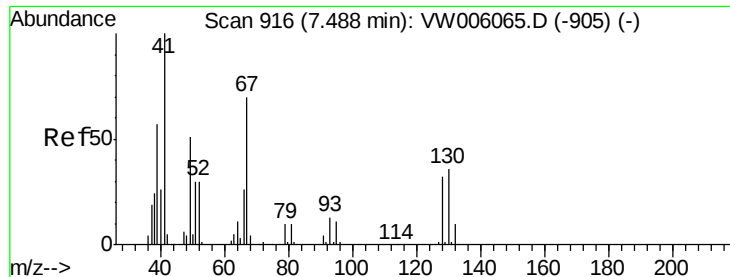
Tot Ion: 83 Resp: 50248
Ion Ratio Lower Upper
83 100
55 70.5 55.0 82.6
98 48.3 38.6 57.8



#40
Benzene
Concen: 60.290 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 78 Resp: 325736
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

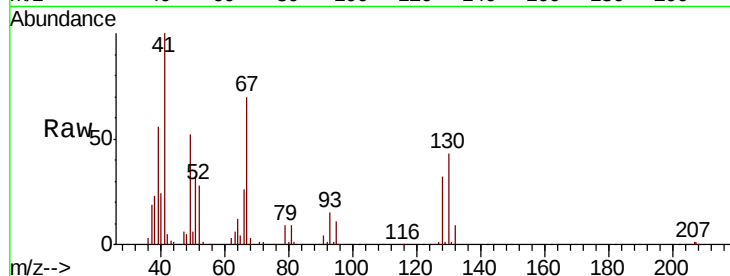




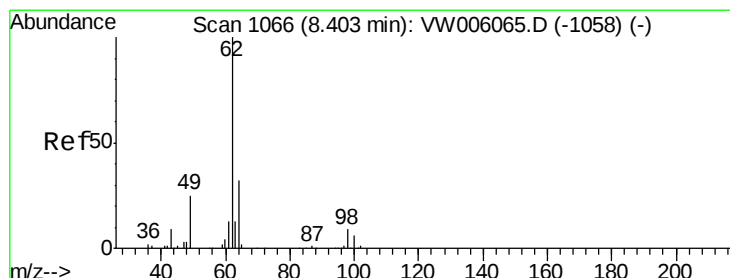
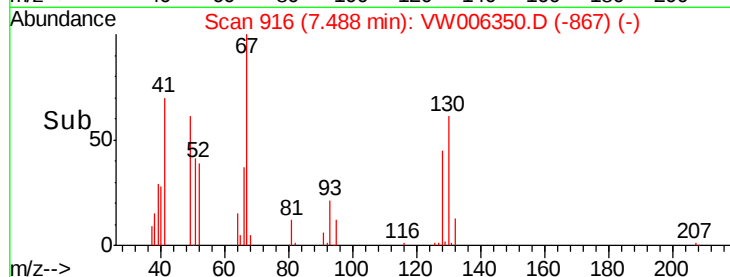
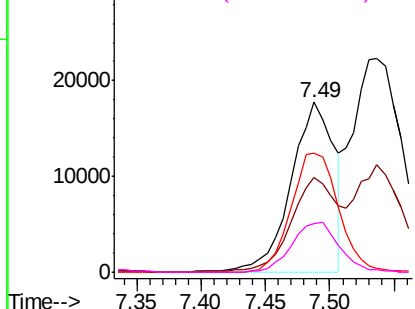
#41
Methacrylonitrile
Concen: 93.581 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion:	41	Resp:	41283
Ion	Ratio	Lower	Upper
41	100		
39	62.4	46.2	69.4
67	76.9	57.7	86.5
52	32.1	24.7	37.1

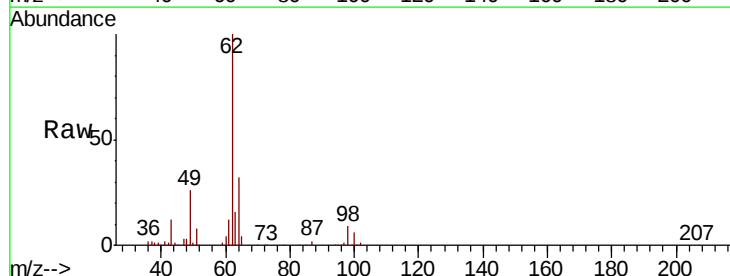


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

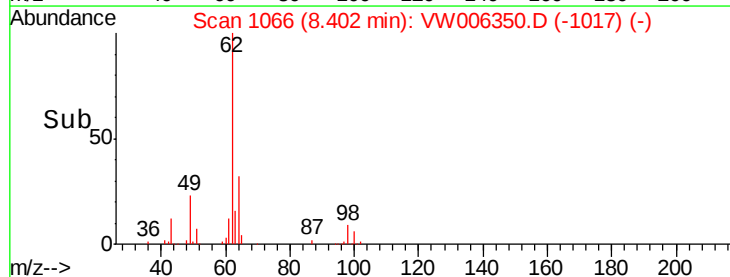
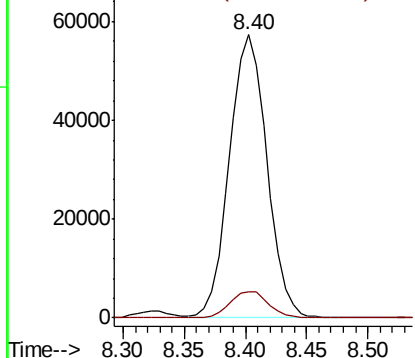


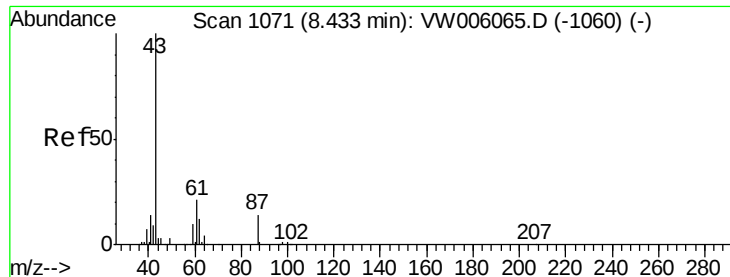
#42
1,2-Dichloroethane
Concen: 76.882 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:	62	Resp:	122038
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 69.248 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

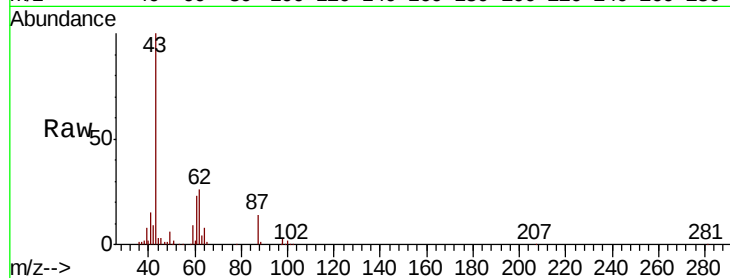
Tot Ion: 43 Resp: 103612

Ion Ratio Lower Upper

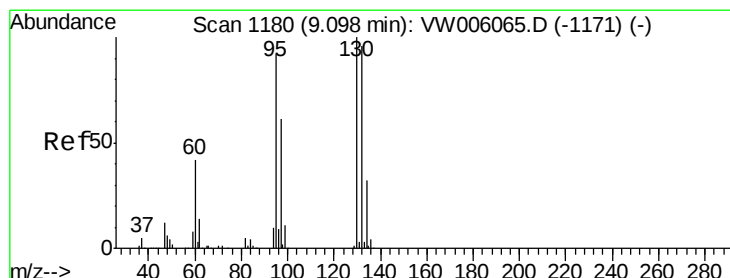
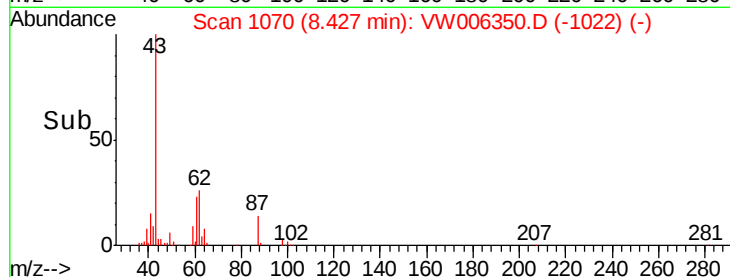
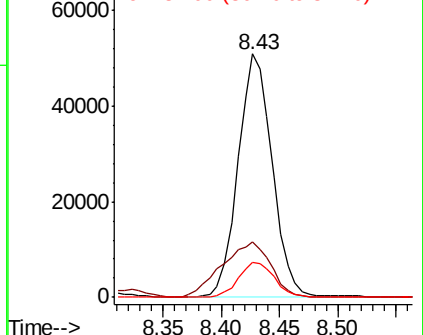
43 100

61 32.6 25.5 38.3

87 15.0 11.7 17.5



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



#44

Trichloroethene

Concen: 47.380 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006350.D

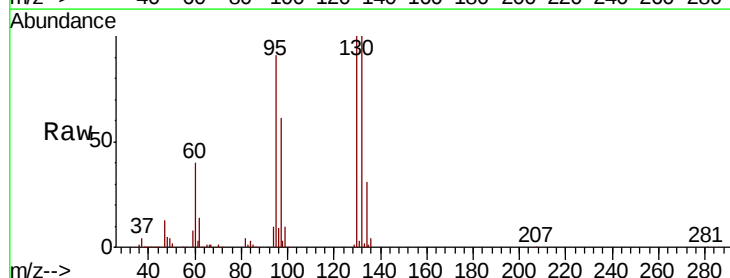
Acq: 25 Oct 2018 07:05

Tgt Ion:130 Resp: 78535

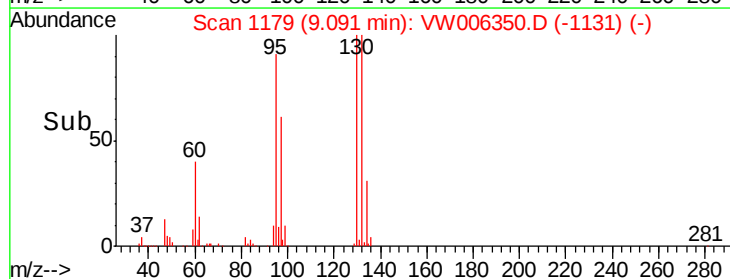
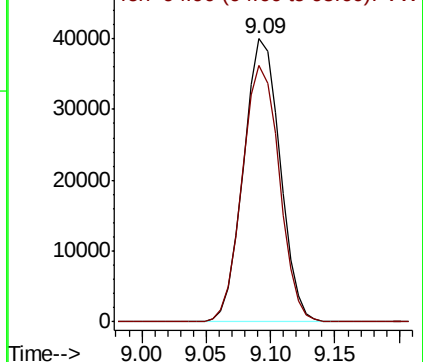
Ion Ratio Lower Upper

130 100

95 90.8 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 61.191 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

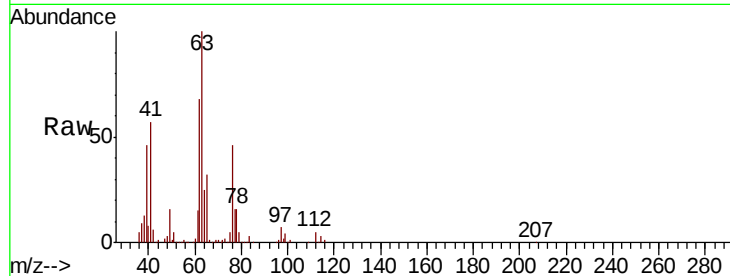
PA-SB-01BMS

Tot Ion: 63 Resp: 79111

Ion Ratio Lower Upper

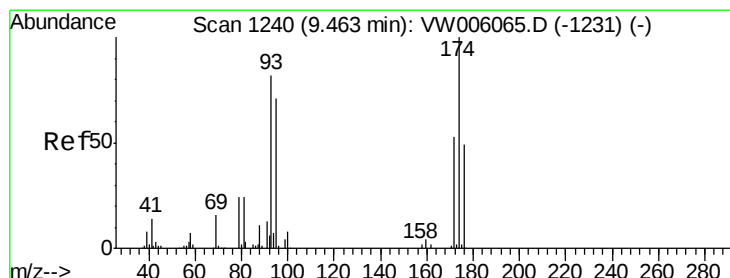
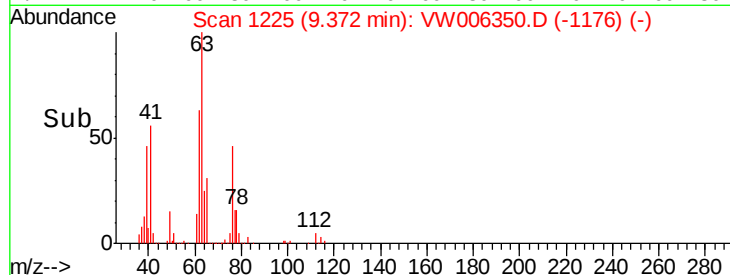
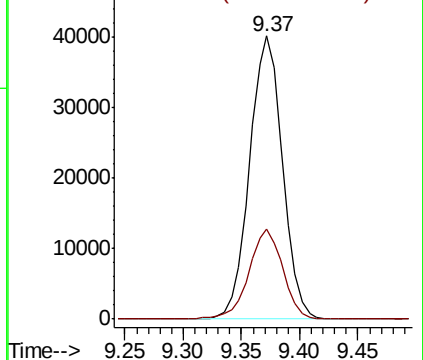
63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 72.870 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

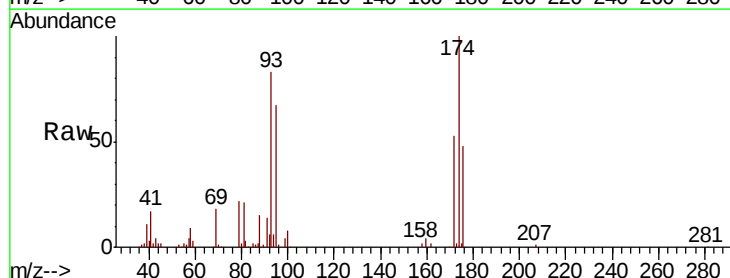
Tgt Ion: 93 Resp: 53695

Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

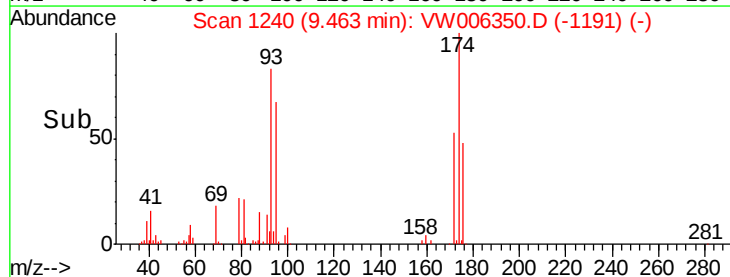
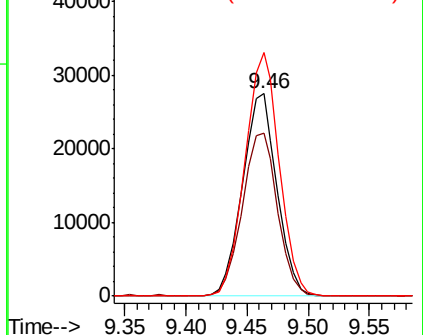
174 119.9 93.7 140.5

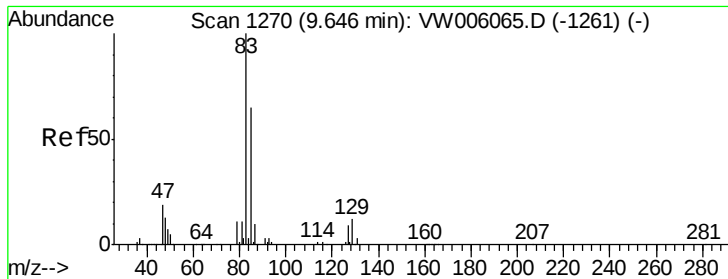


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.512 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

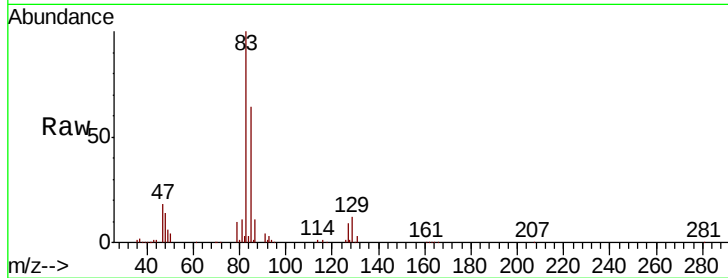
Tot Ion: 83 Resp: 100958

Ion Ratio Lower Upper

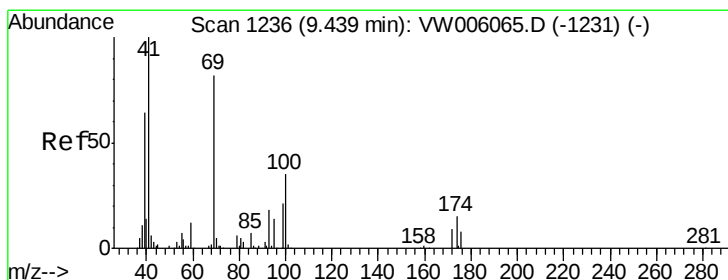
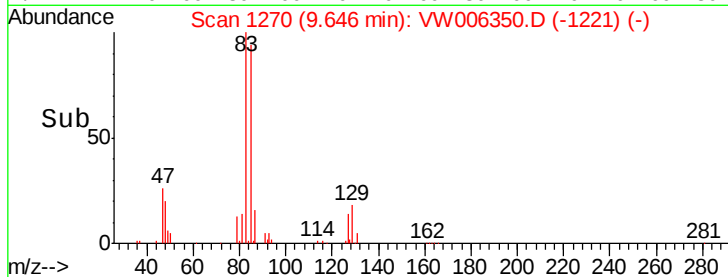
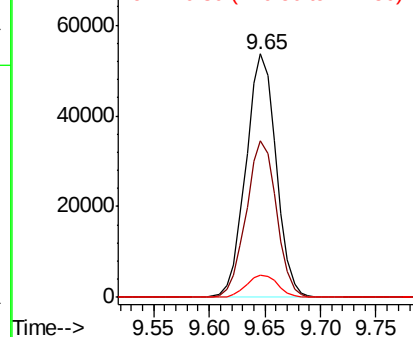
83 100

85 64.2 51.8 77.8

127 9.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 100.855 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

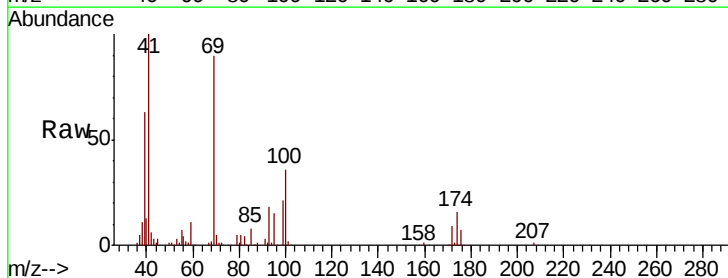
Tgt Ion: 41 Resp: 71530

Ion Ratio Lower Upper

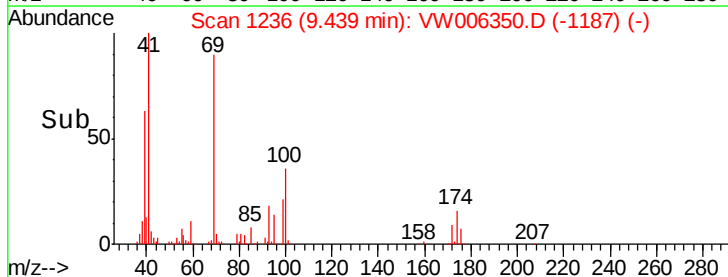
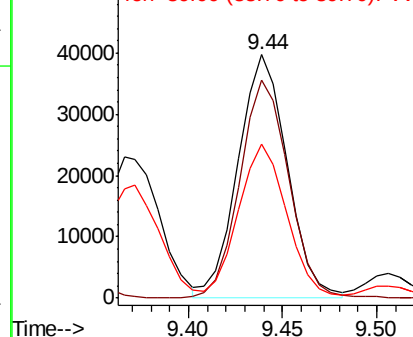
41 100

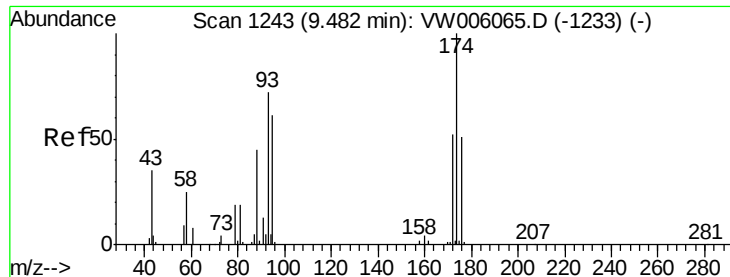
69 89.3 71.8 107.8

39 62.2 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2034.164 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

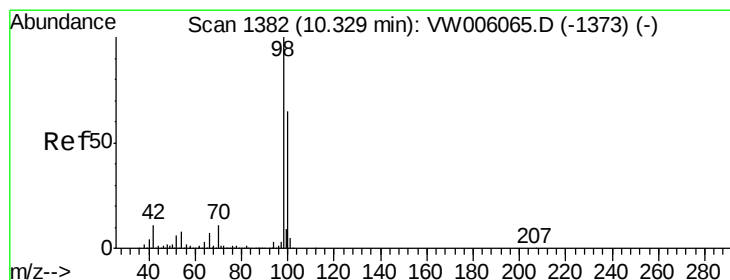
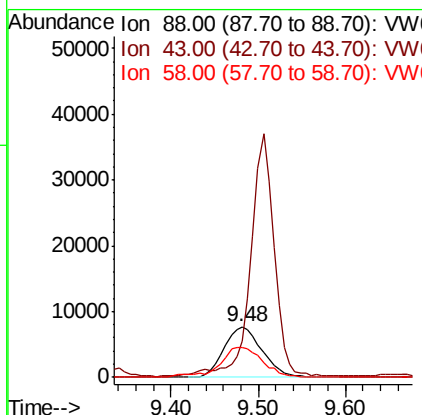
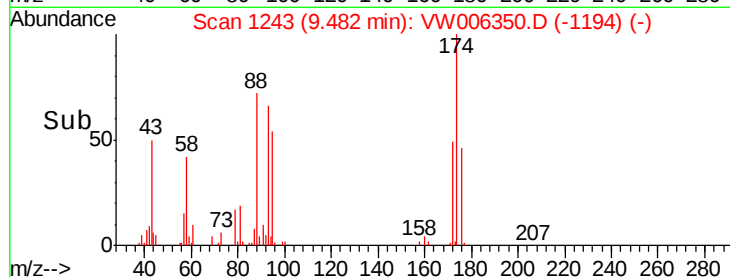
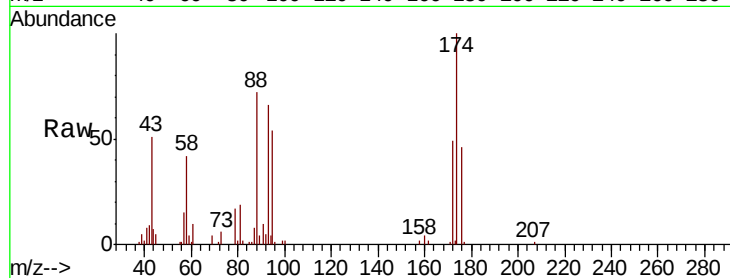
Tot Ion: 88 Resp: 23075

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.4 51.2 76.8



#50

Toluene-d8

Concen: 41.388 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006350.D

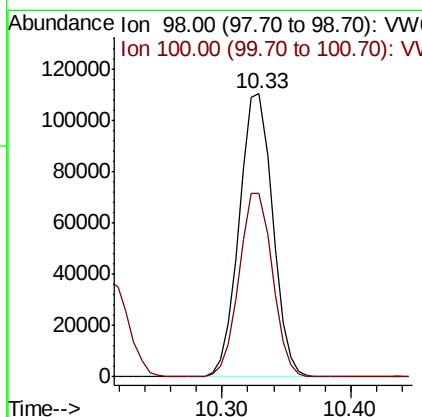
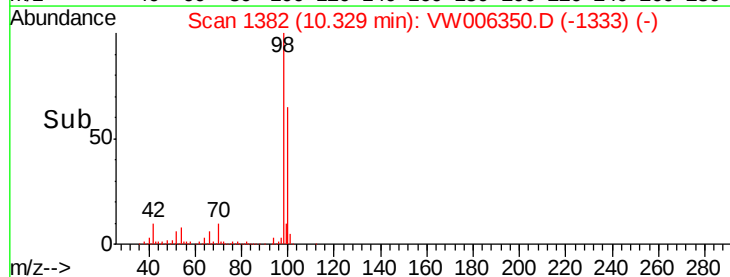
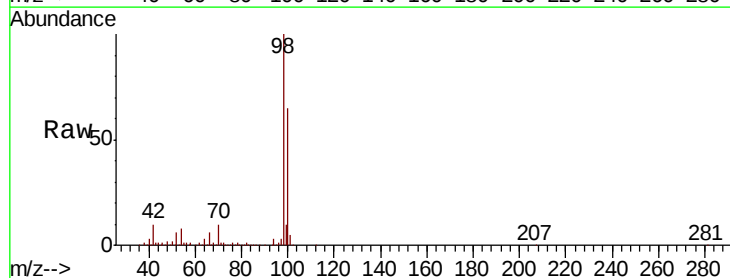
Acq: 25 Oct 2018 07:05

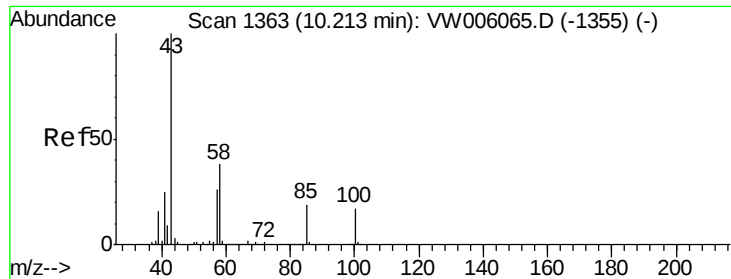
Tgt Ion: 98 Resp: 198820

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 459.232 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

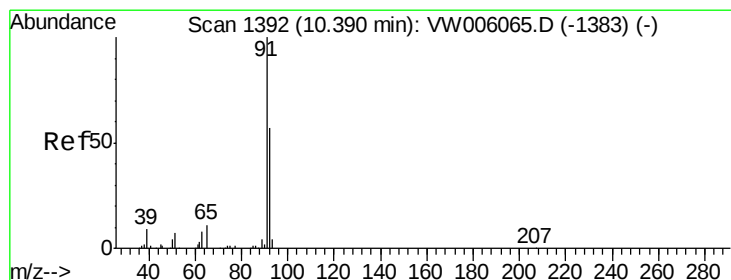
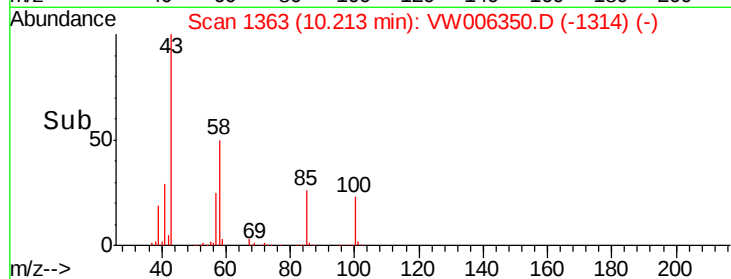
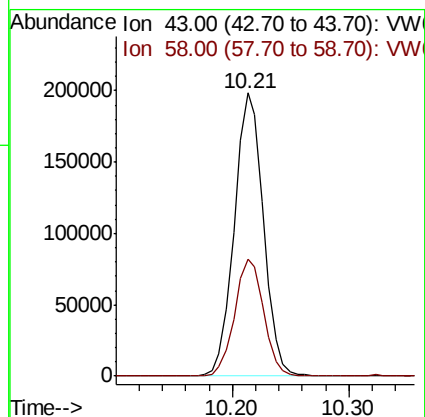
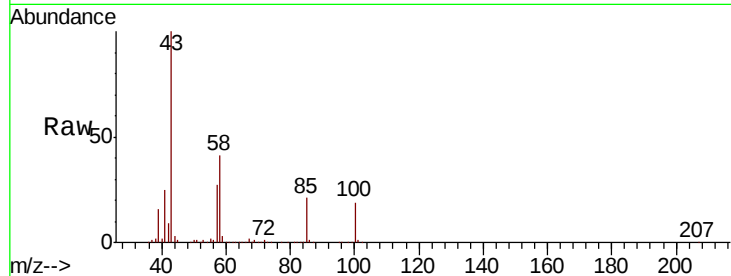
PA-SB-01BMS

Tot Ion: 43 Resp: 344273

Ion Ratio Lower Upper

43 100

58 41.4 31.5 47.3



#52

Toluene

Concen: 44.203 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006350.D

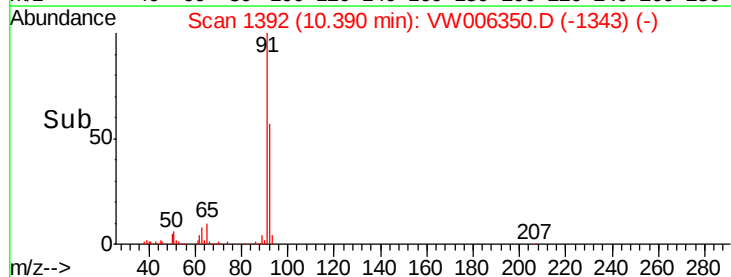
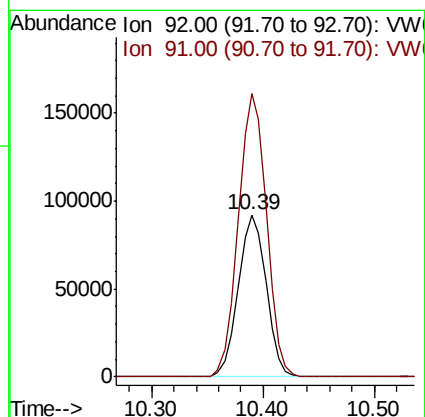
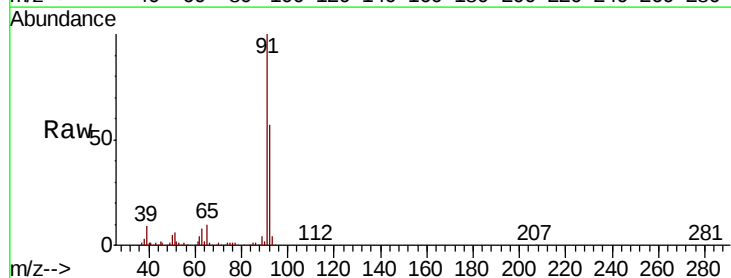
Acq: 25 Oct 2018 07:05

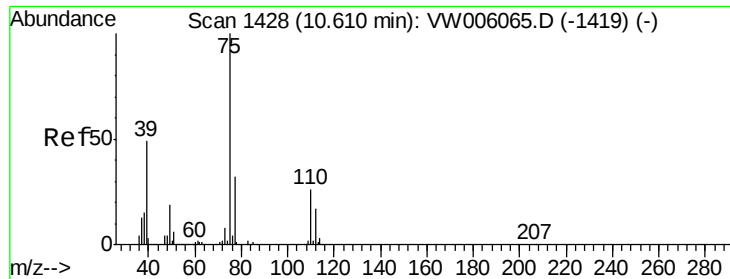
Tgt Ion: 92 Resp: 160110

Ion Ratio Lower Upper

92 100

91 175.7 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 54.606 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

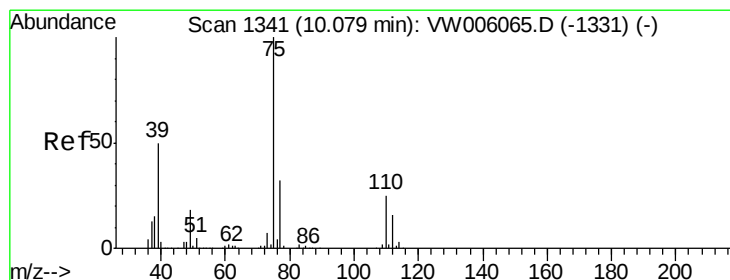
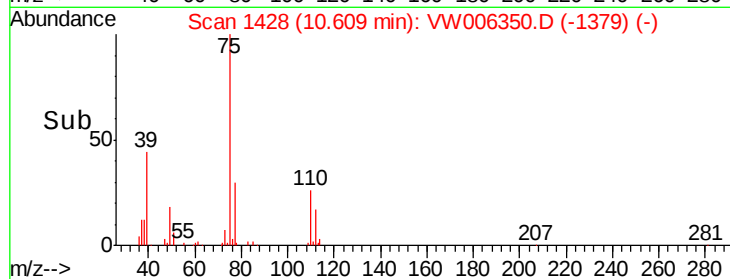
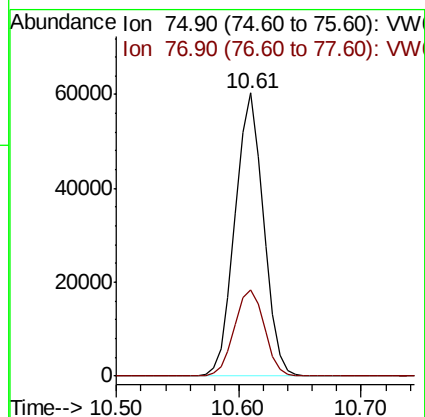
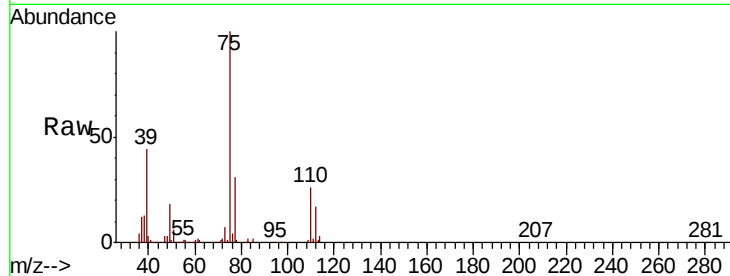
PA-SB-01BMS

Tot Ion: 75 Resp: 97195

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 56.623 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

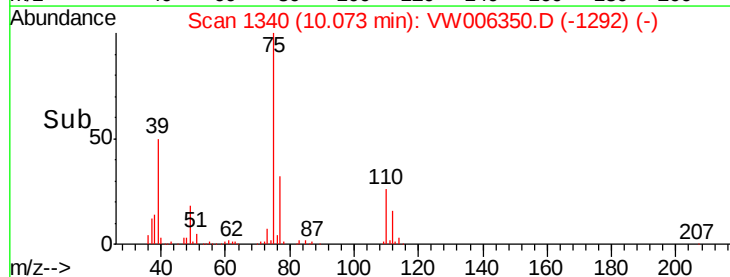
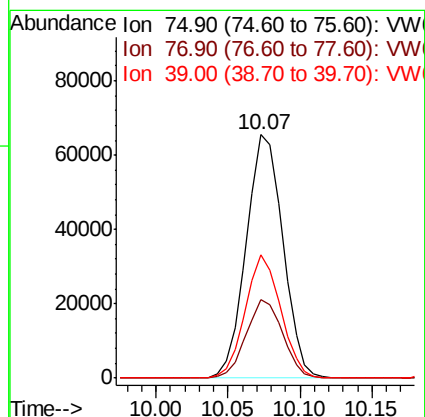
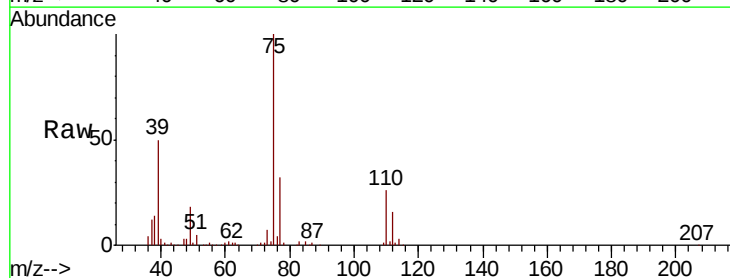
Tgt Ion: 75 Resp: 115669

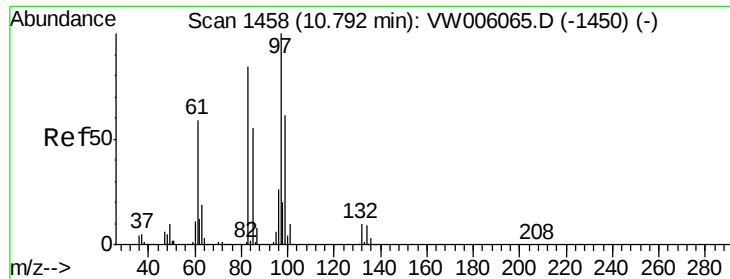
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 50.3 39.9 59.9

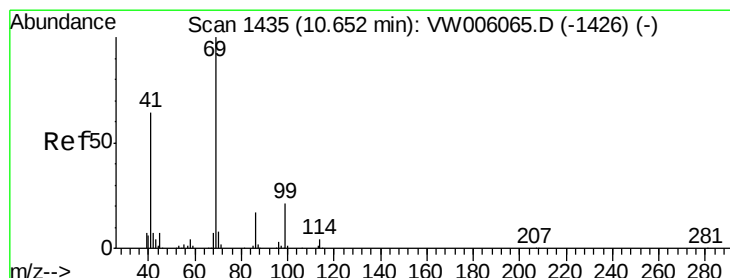
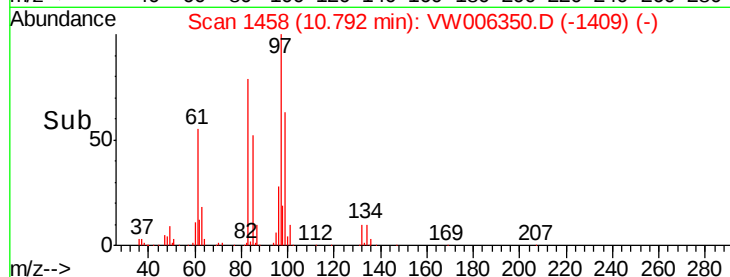
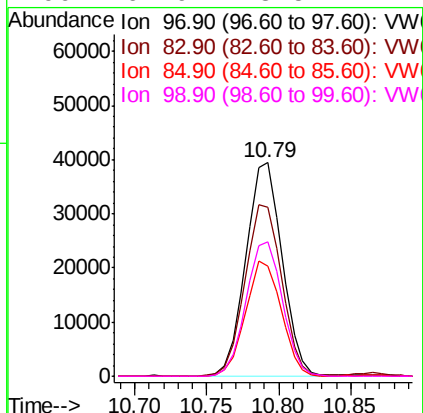
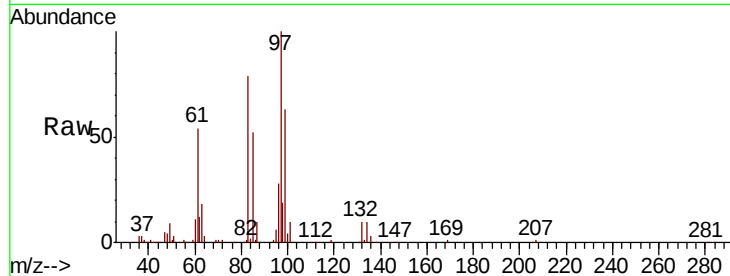




#55
 1,1,2-Trichloroethane
 Concen: 66.704 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

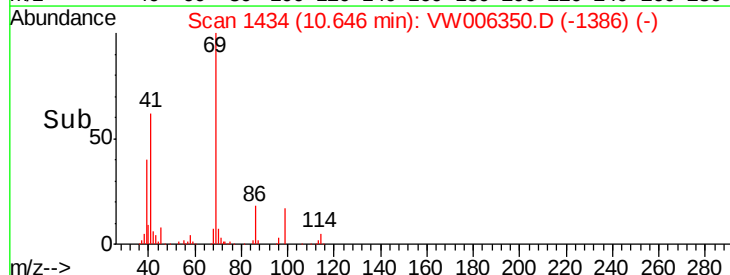
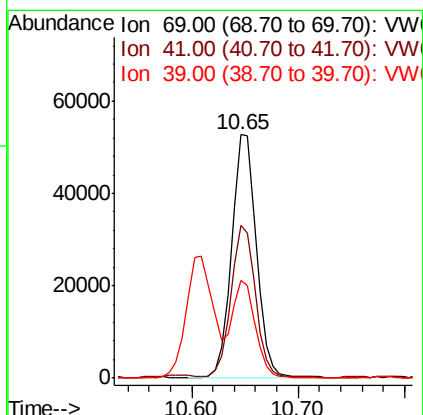
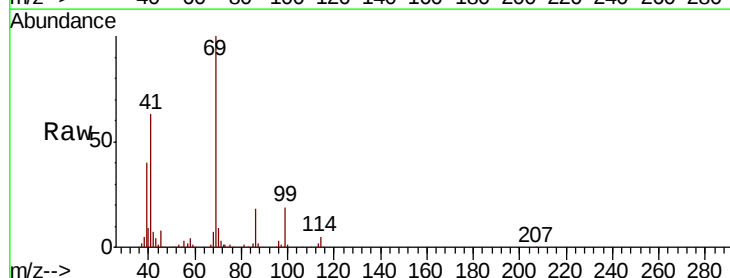
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

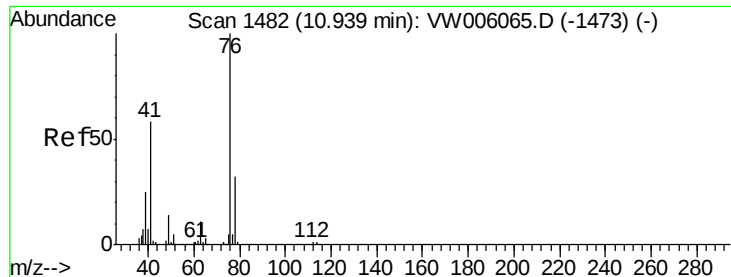
Tot Ion:	97	Resp:	68782
Ion	Ratio	Lower	Upper
97	100		
83	79.2	67.2	100.8
85	51.6	43.7	65.5
99	62.9	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 67.928 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion:	69	Resp:	85869
Ion	Ratio	Lower	Upper
69	100		
41	62.0	52.8	79.2
39	37.9	30.6	45.8

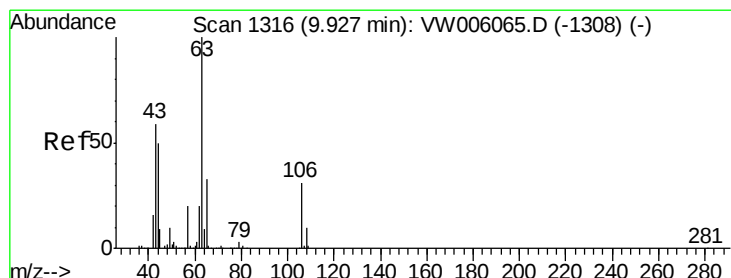
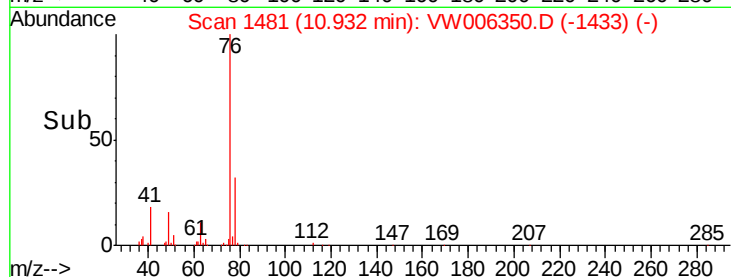
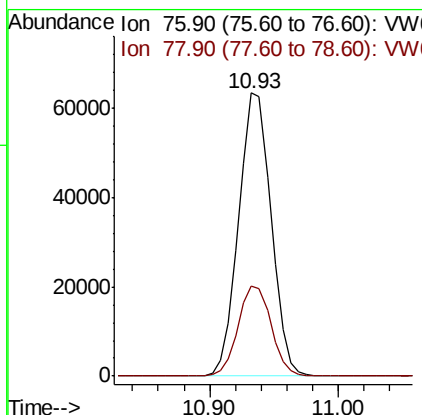
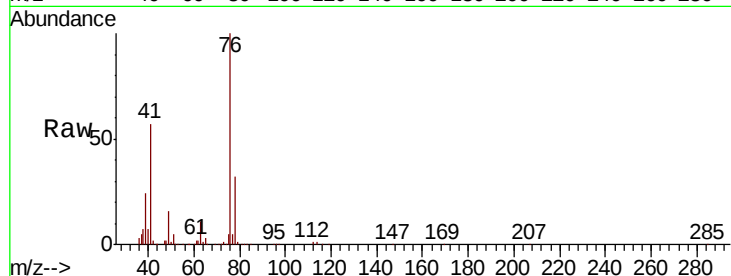




#57
 1,3-Dichloropropane
 Concen: 64.964 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

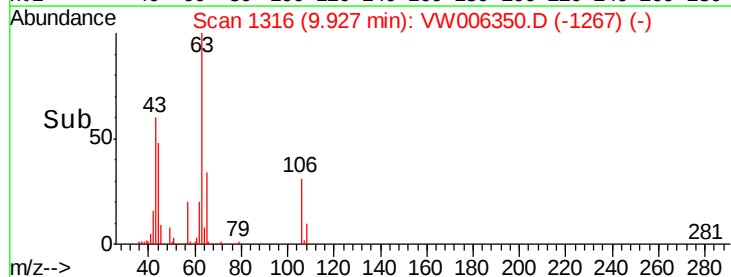
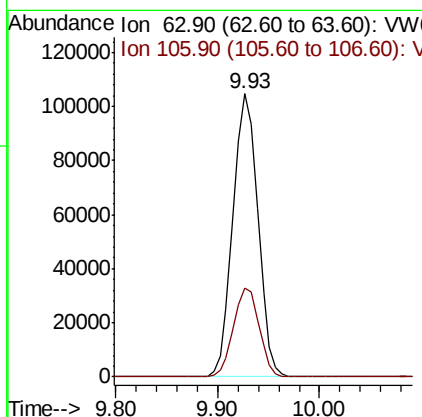
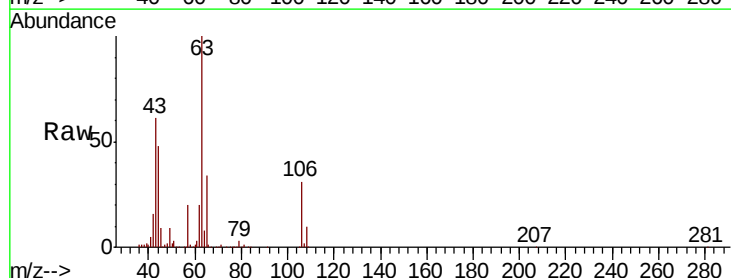
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

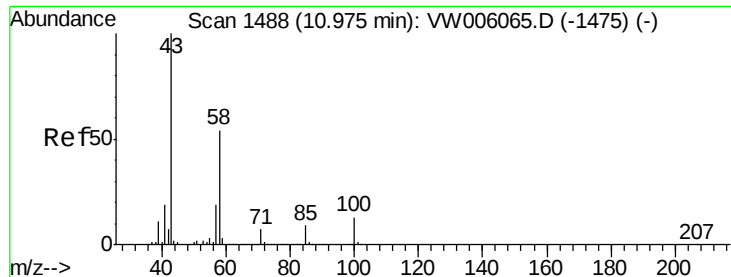
Tot Ion: 76 Resp: 110892
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 367.959 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 63 Resp: 177736
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.5 36.7

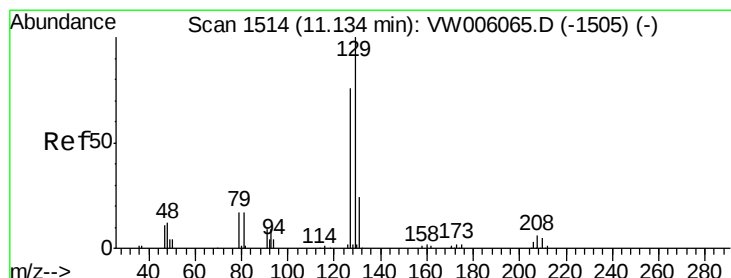
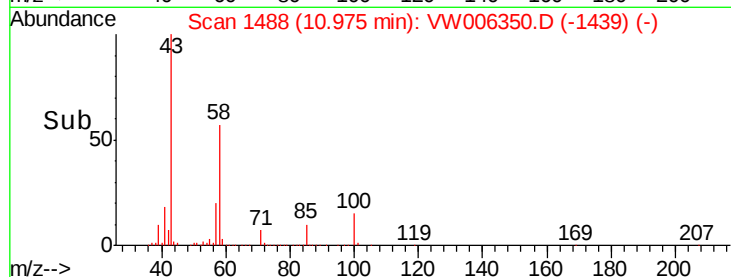
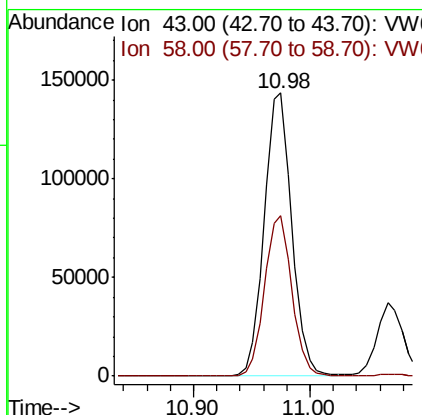
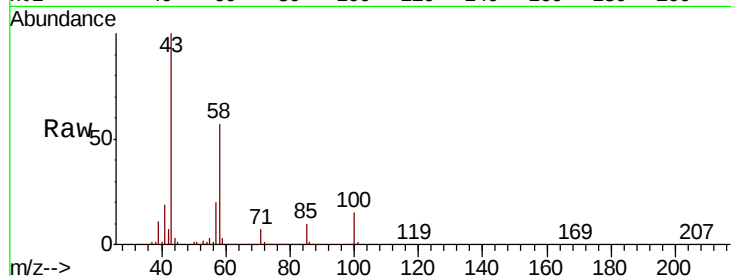




#59
2-Hexanone
Concen: 441.729 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

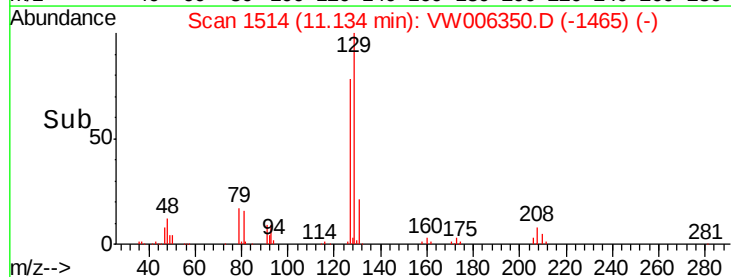
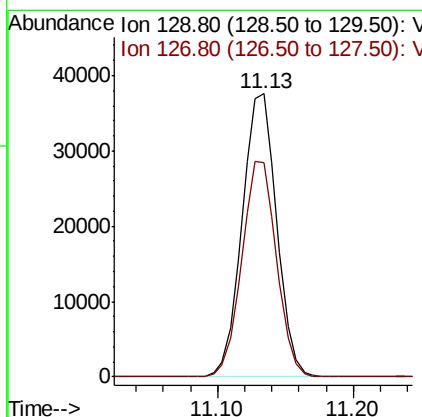
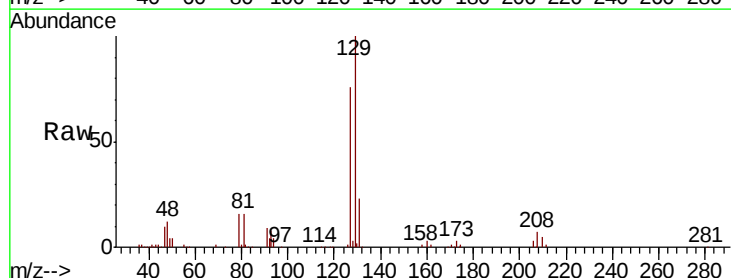
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

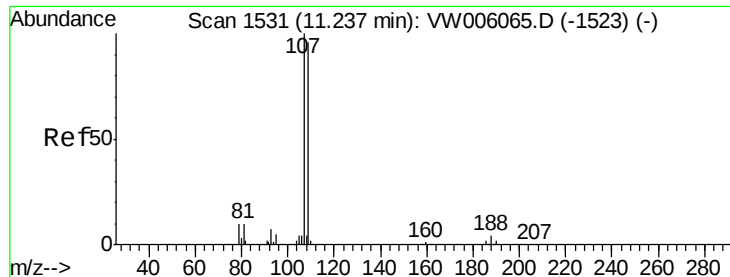
Tot Ion: 43 Resp: 236388
Ion Ratio Lower Upper
43 100
58 56.3 26.9 80.6



#60
Dibromochloromethane
Concen: 52.001 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 129 Resp: 66791
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

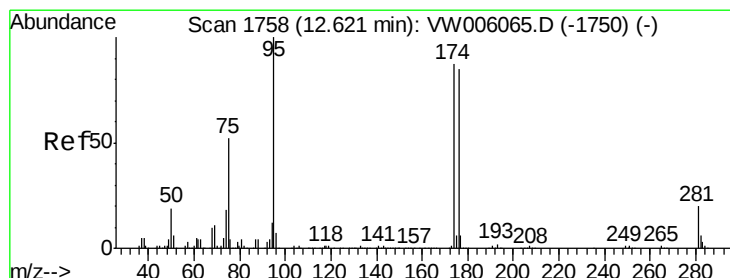
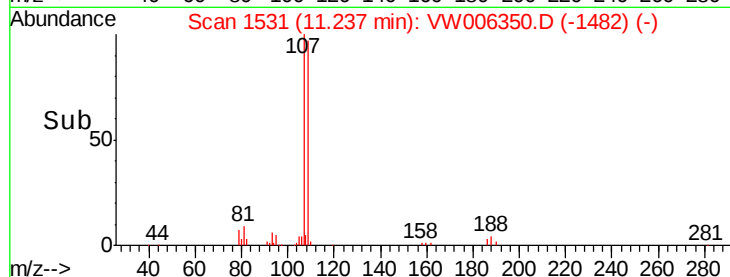
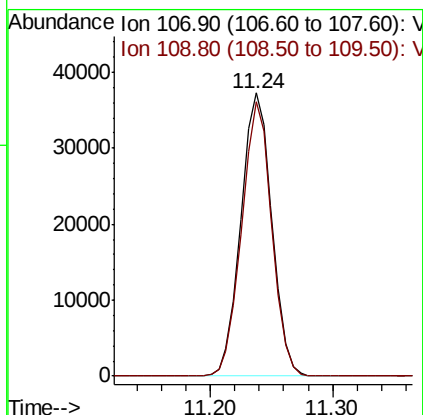
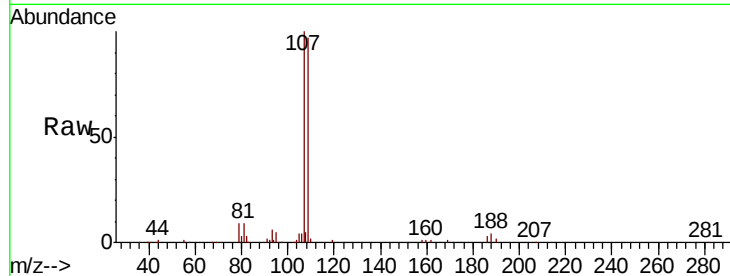




#61
 1,2-Dibromoethane
 Concen: 63.328 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

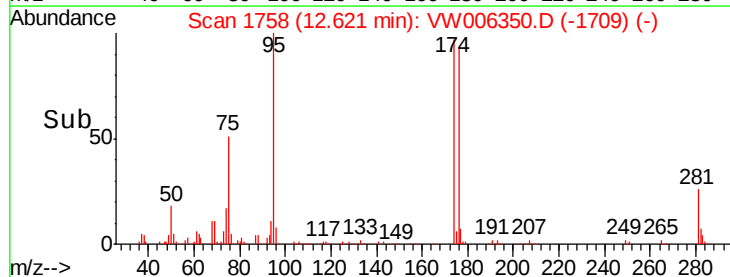
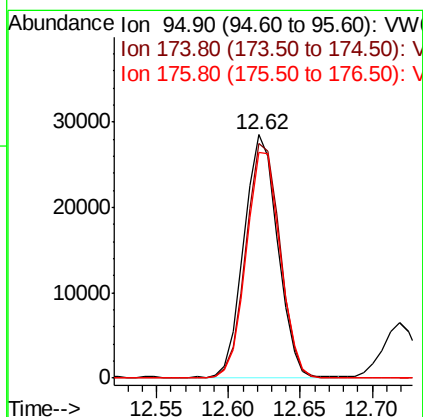
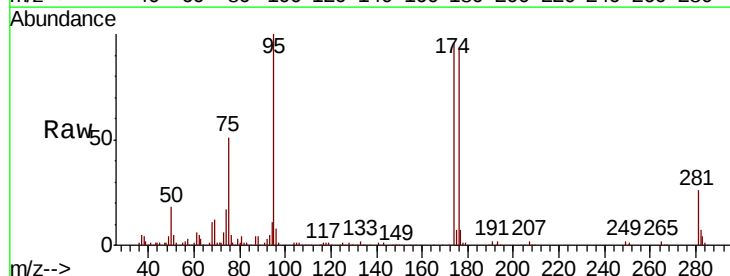
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

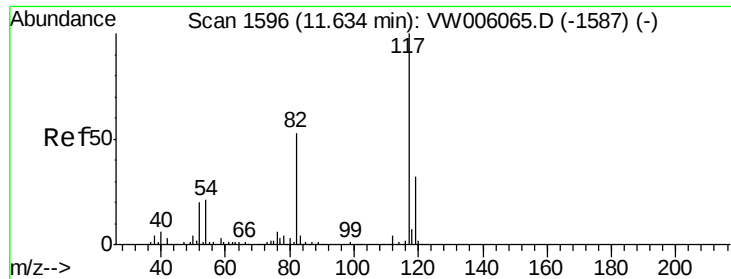
Tot Ion:107 Resp: 65248
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 25.441 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 95 Resp: 45902
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 186.0
 176 94.0 0.0 181.6

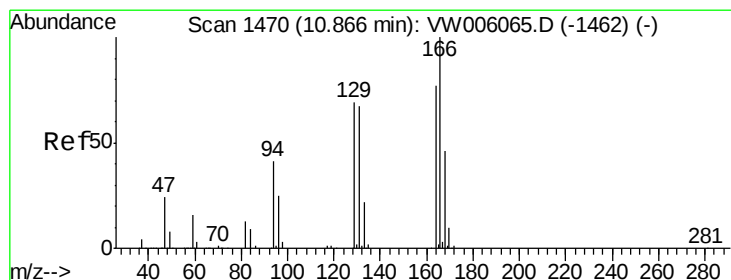
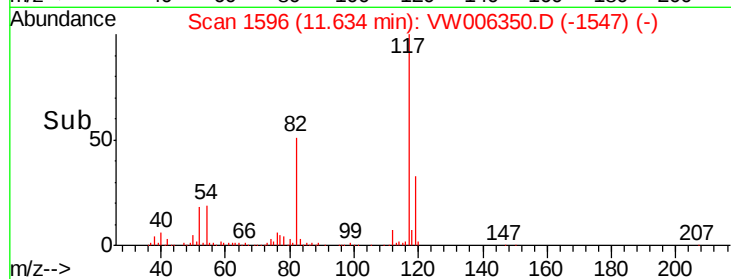
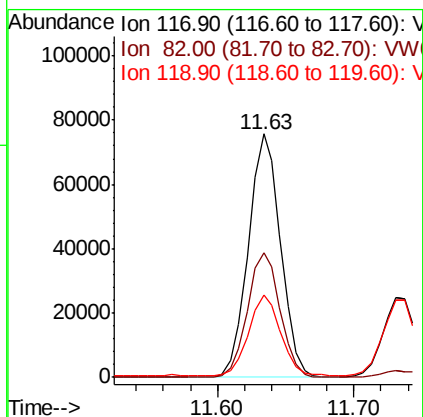
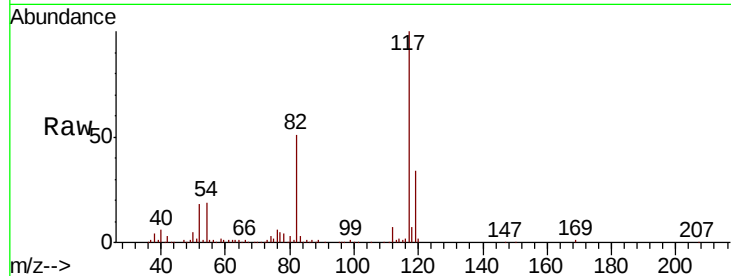




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

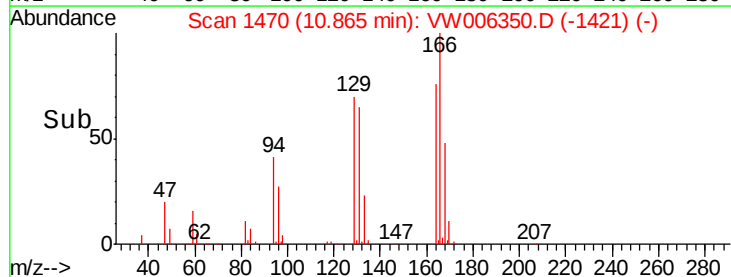
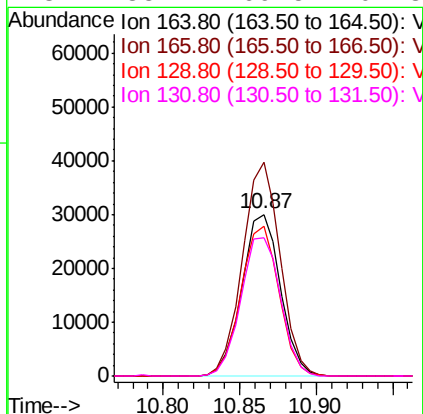
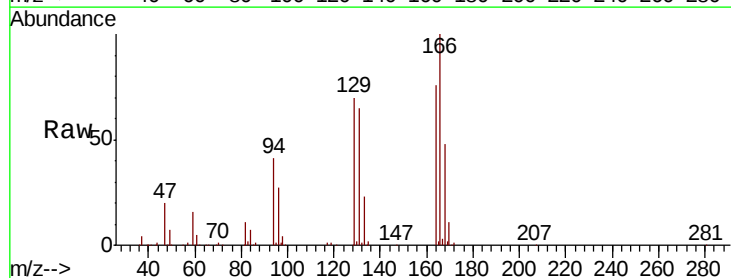
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

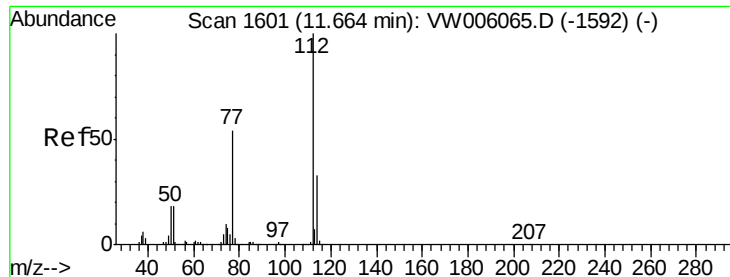
Tot Ion:117 Resp: 125221
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 54.173 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:164 Resp: 52661
Ion Ratio Lower Upper
164 100
166 132.0 103.4 155.0
129 92.7 71.8 107.8
131 85.4 69.5 104.3

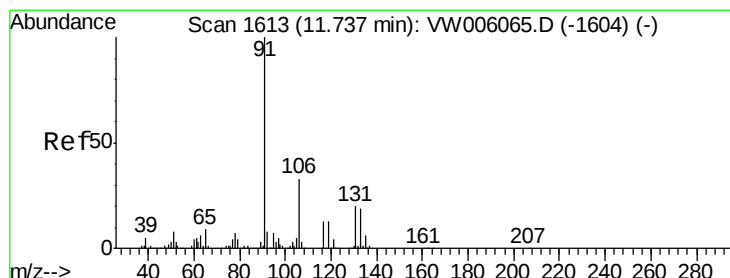
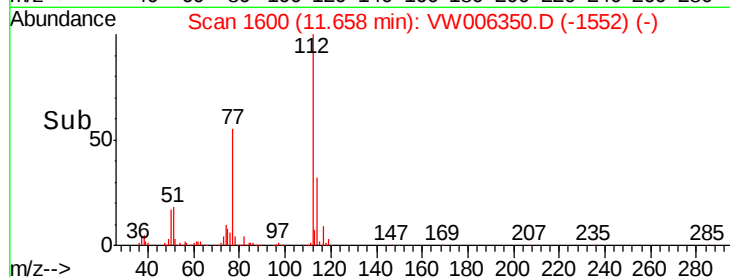
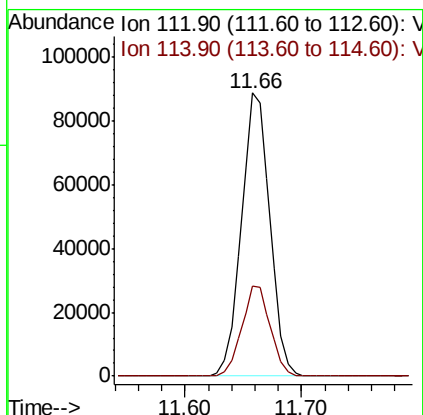
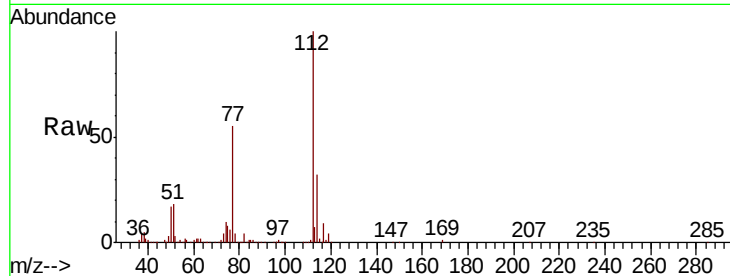




#65
Chlorobenzene
Concen: 56.319 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

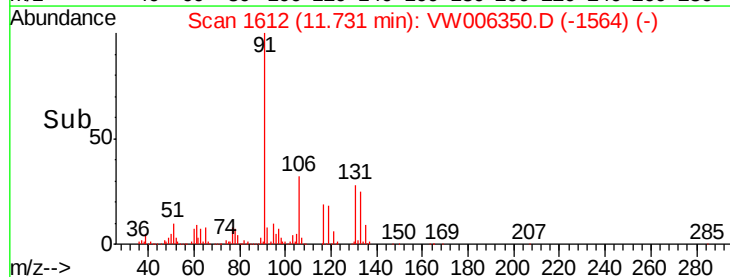
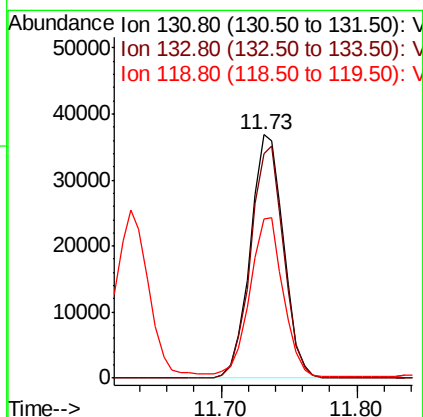
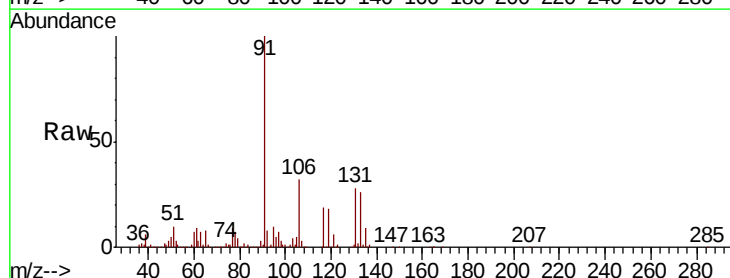
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

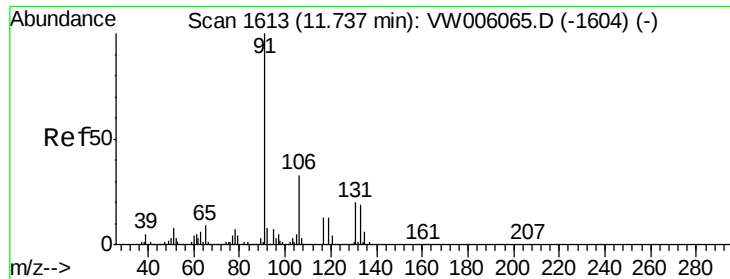
Tot Ion:112 Resp: 150970
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 66.073 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:131 Resp: 62944
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 65.6 31.6 94.7

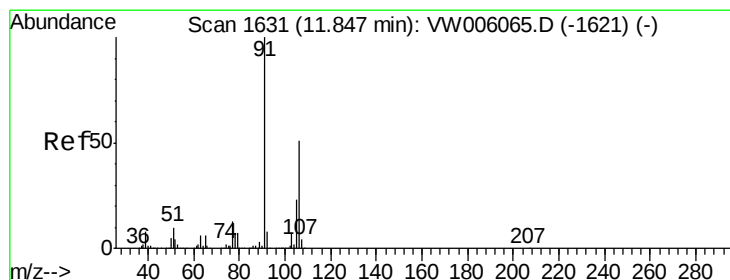
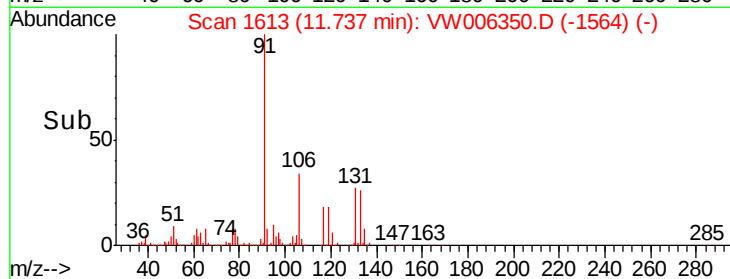
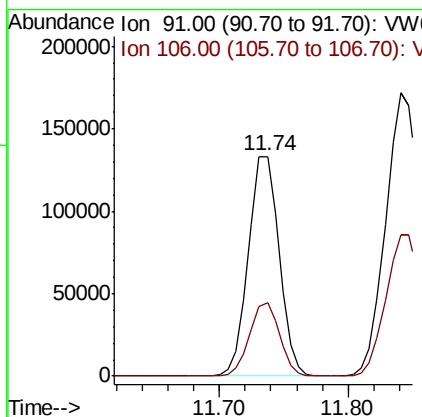
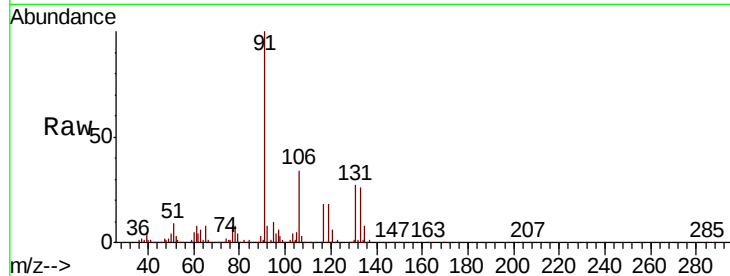




#67
Ethyl Benzene
Concen: 47.277 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

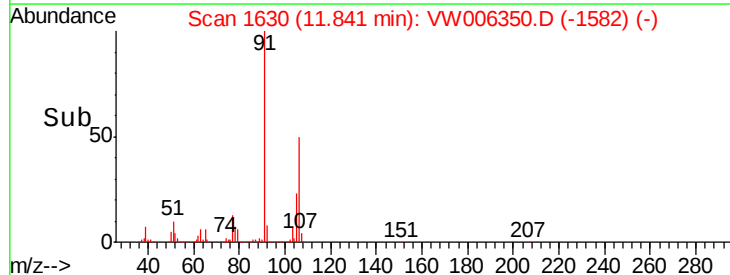
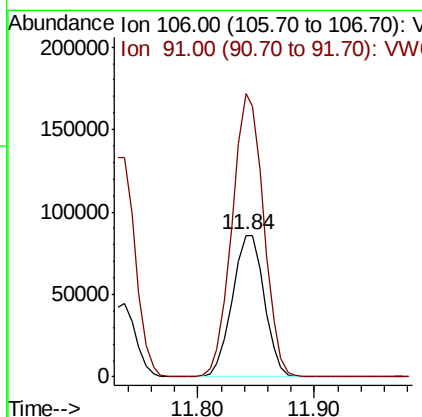
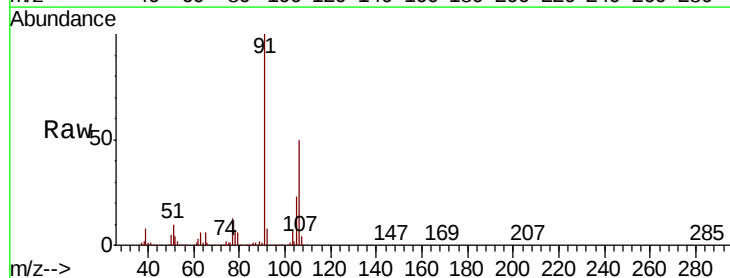
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion: 91 Resp: 219631
Ion Ratio Lower Upper
91 100
106 33.7 26.1 39.1



#68
m/p-Xylenes
Concen: 89.879 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion: 106 Resp: 165035
Ion Ratio Lower Upper
106 100
91 196.4 159.1 238.7

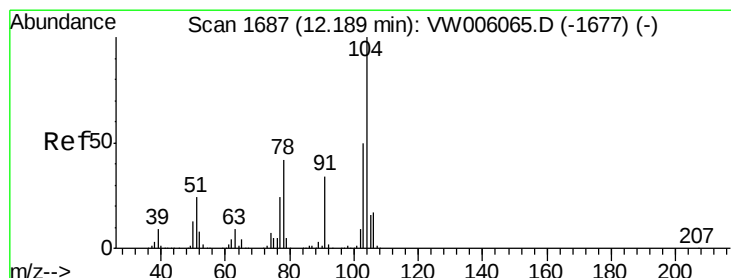
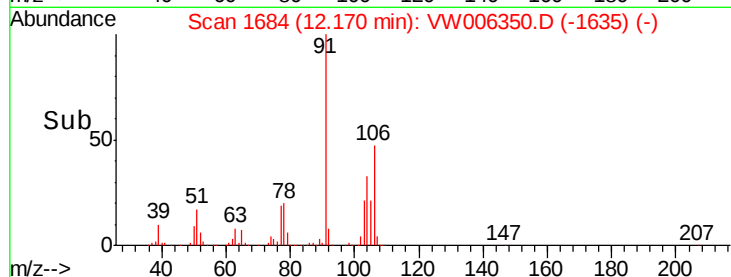
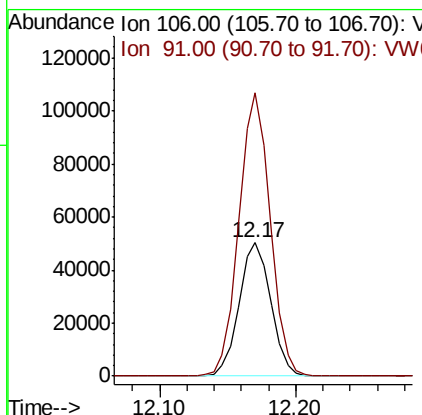
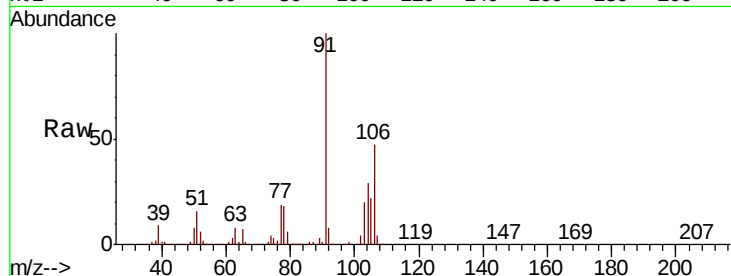




#69
o-Xylene
Concen: 46.590 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

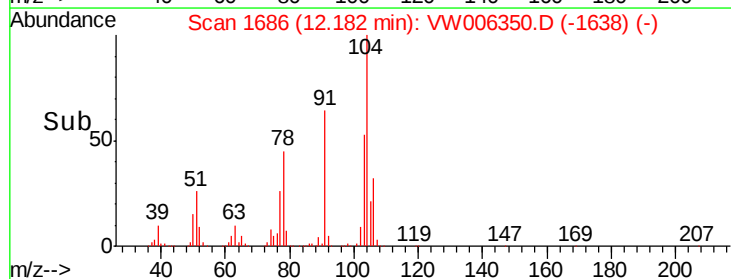
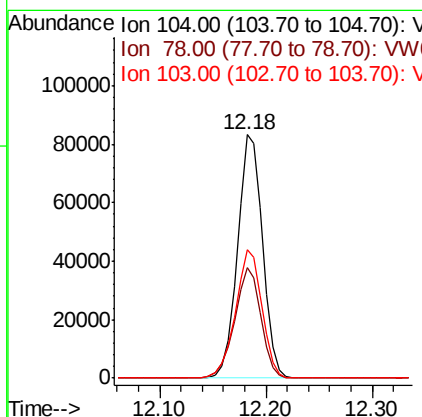
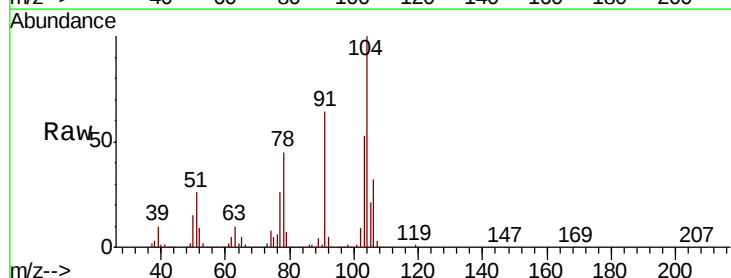
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion:106 Resp: 81530
Ion Ratio Lower Upper
106 100
91 210.3 105.4 316.1



#70
Styrene
Concen: 48.172 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:104 Resp: 137079
Ion Ratio Lower Upper
104 100
78 47.8 39.1 58.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 69.363 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

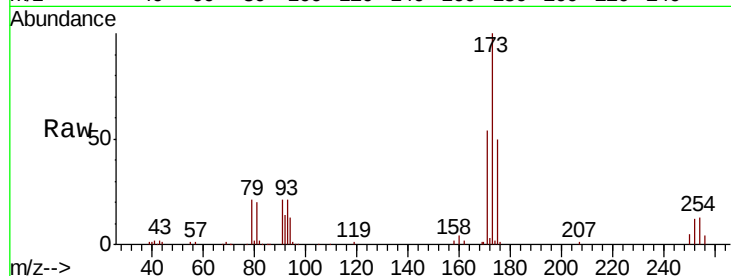
Tot Ion:173 Resp: 36856

Ion Ratio Lower Upper

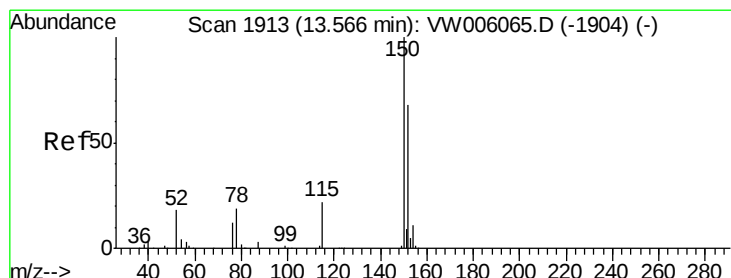
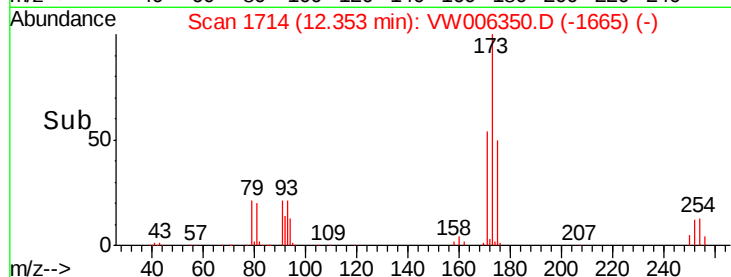
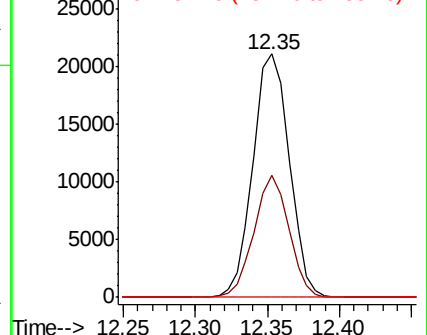
173 100

175 48.0 24.2 72.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

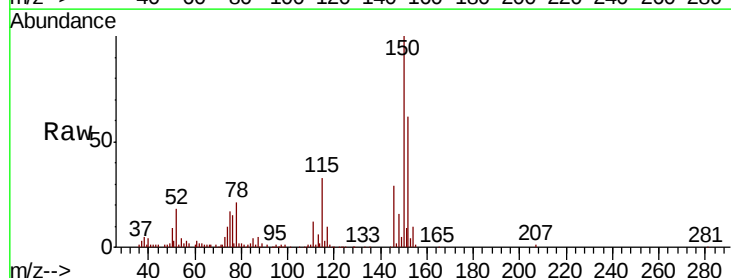
Tgt Ion:152 Resp: 33060

Ion Ratio Lower Upper

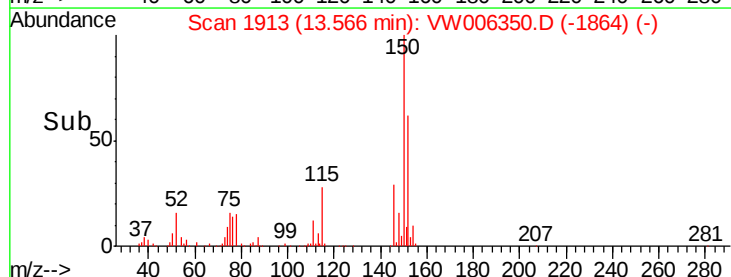
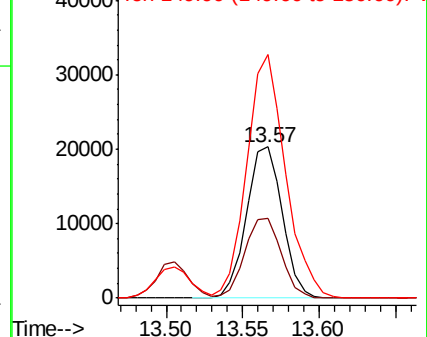
152 100

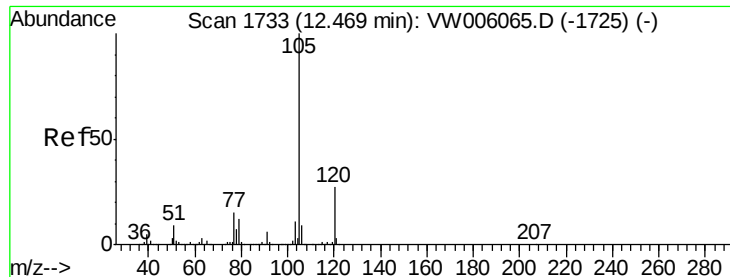
115 54.1 27.8 83.3

150 174.1 0.0 349.2



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: 72.746 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

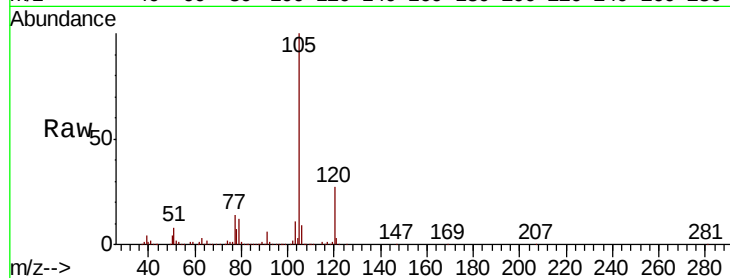
PA-SB-01BMS

Tot Ion:105 Resp: 169904

Ion Ratio Lower Upper

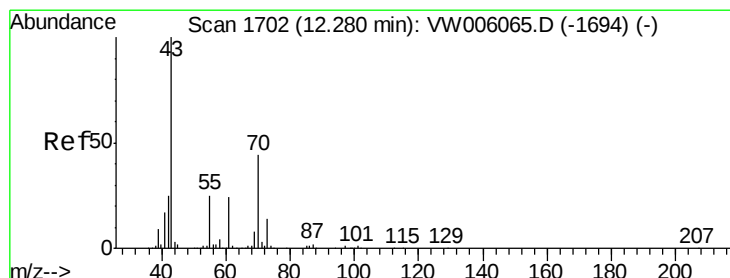
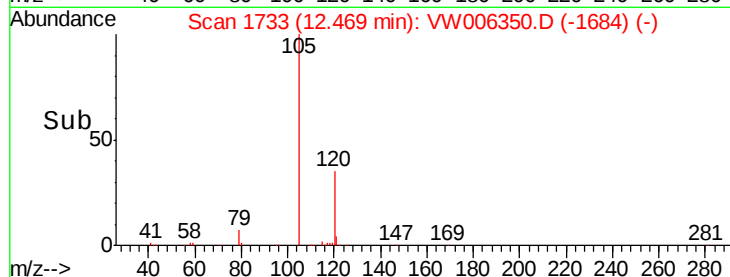
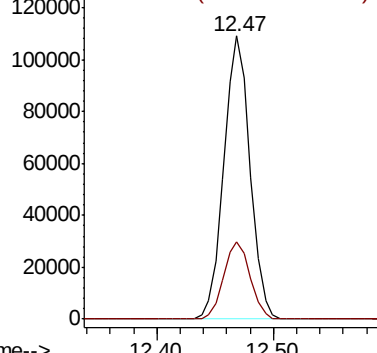
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 104.590 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Tgt Ion: 43 Resp: 47446

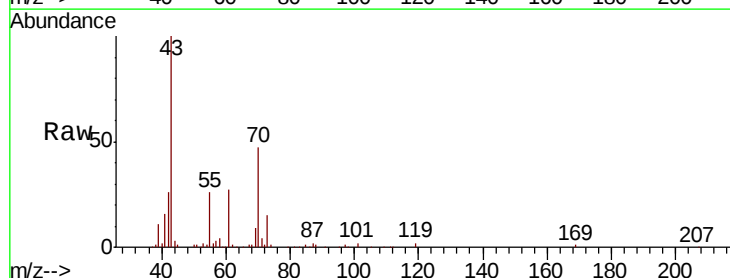
Ion Ratio Lower Upper

43 100

70 45.3 34.2 51.4

55 26.1 19.2 28.8

61 25.5 19.0 28.6

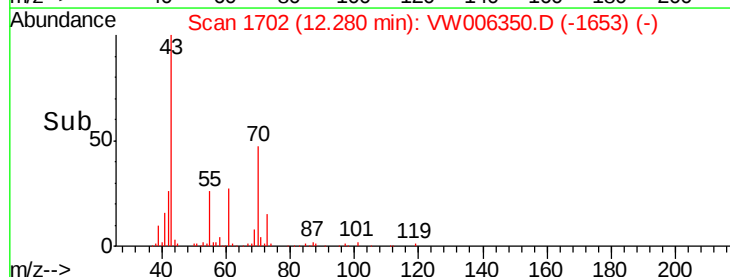
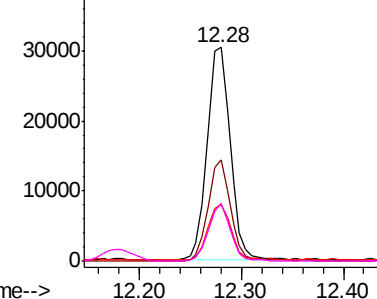


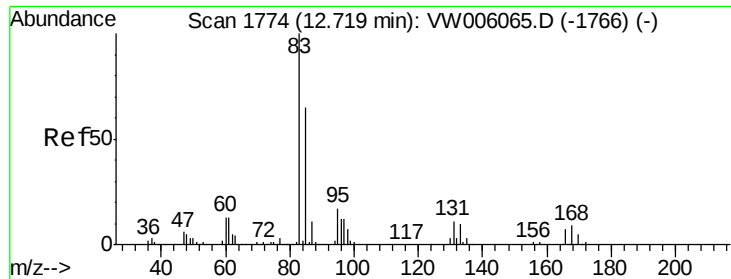
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 170.075 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

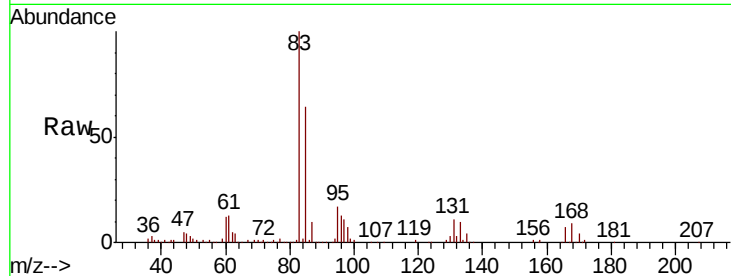
Tot Ion: 83 Resp: 60416

Ion Ratio Lower Upper

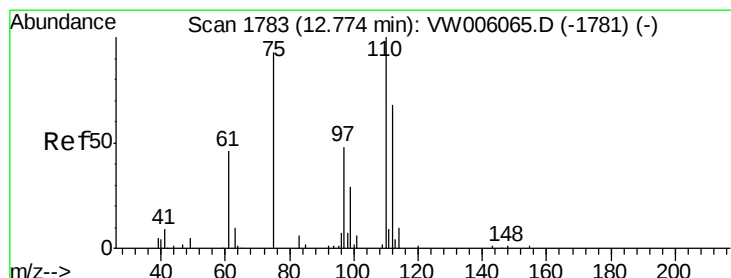
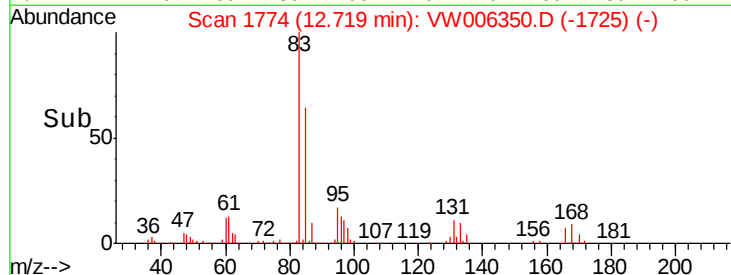
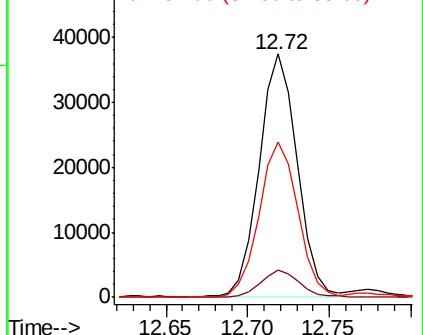
83 100

131 11.6 5.9 17.7

85 65.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 306.705 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006350.D

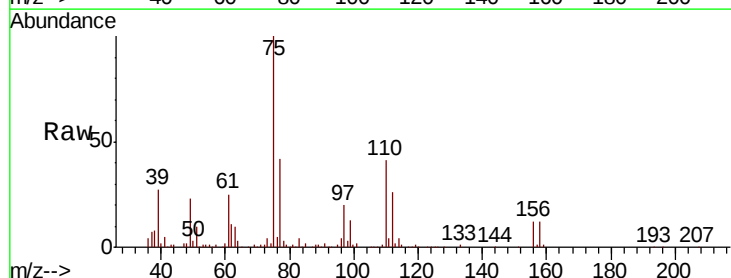
Acq: 25 Oct 2018 07:05

Tgt Ion: 75 Resp: 77447

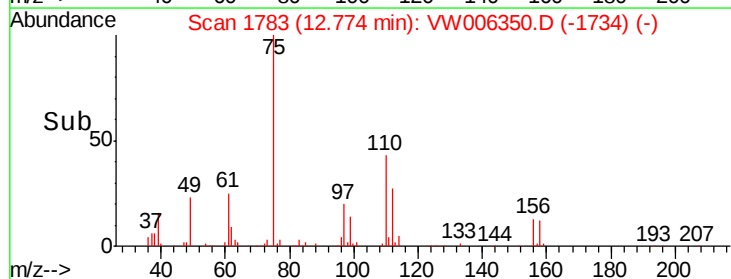
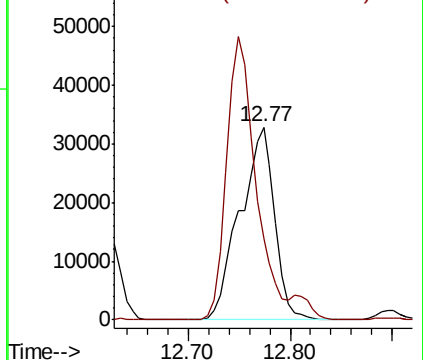
Ion Ratio Lower Upper

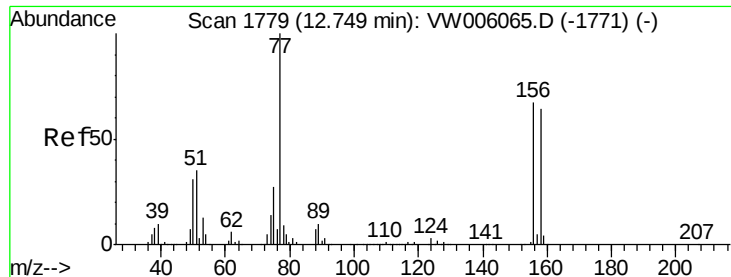
75 100

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





#77

Bromobenzene

Concen: 94.301 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

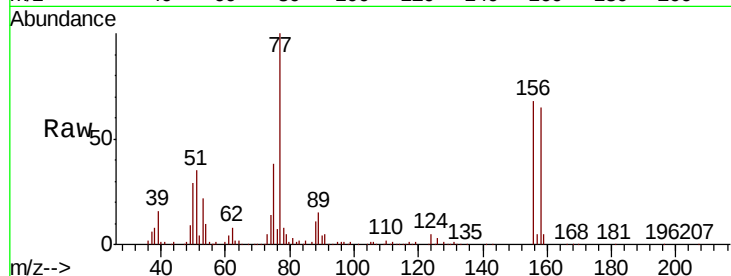
Tot Ion:156 Resp: 53946

Ion Ratio Lower Upper

156 100

77 177.2 79.1 237.4

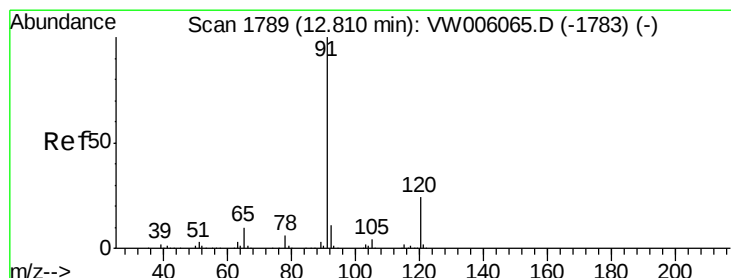
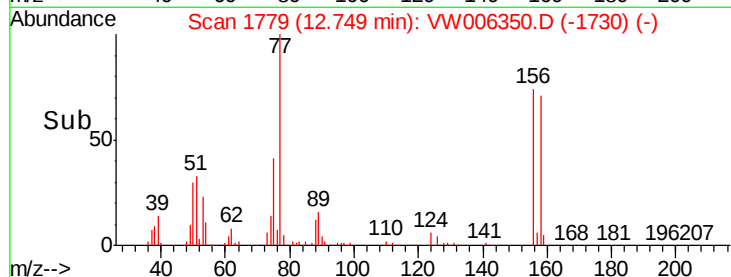
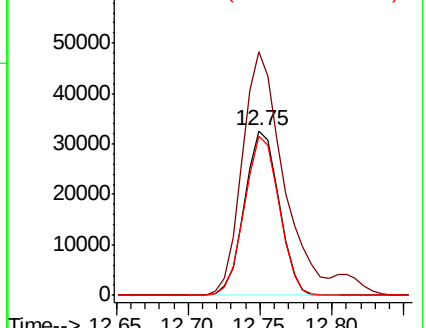
158 96.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.133 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006350.D

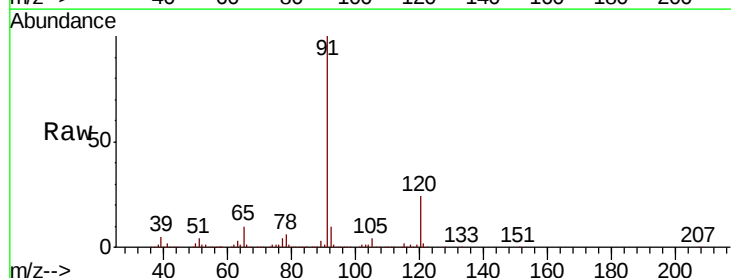
Acq: 25 Oct 2018 07:05

Tgt Ion: 91 Resp: 163398

Ion Ratio Lower Upper

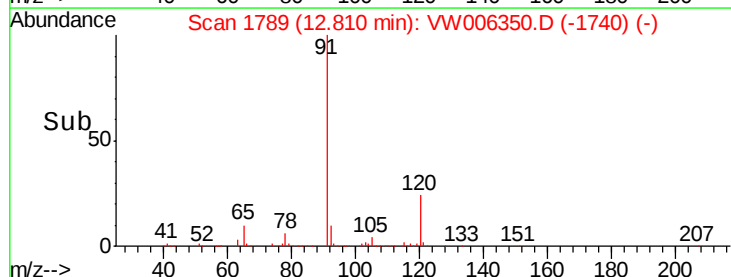
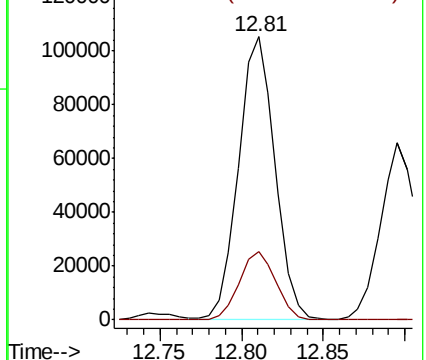
91 100

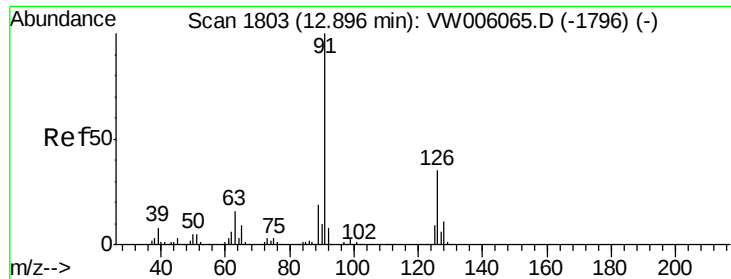
120 24.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

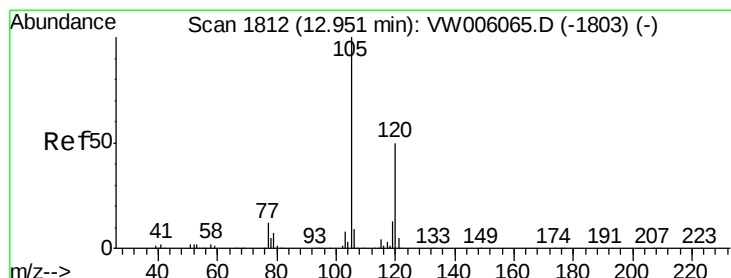
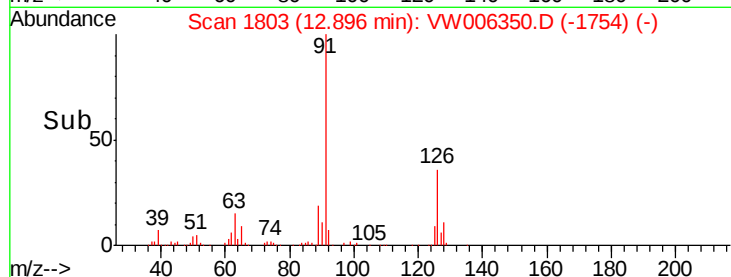
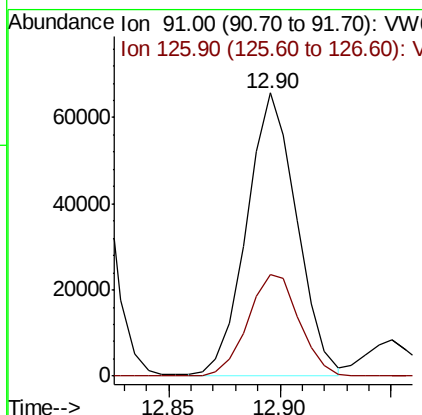
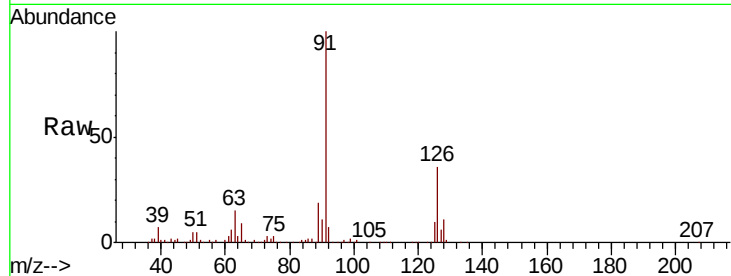




#79
 2-Chlorotoluene
 Concen: 67.219 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

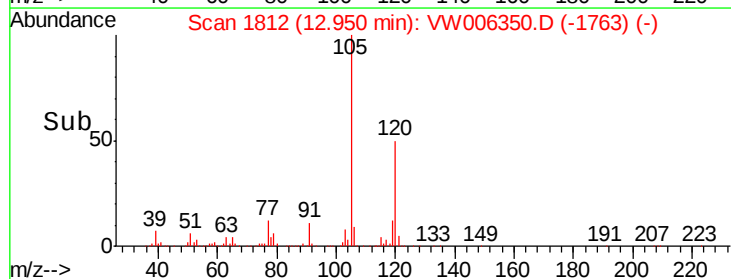
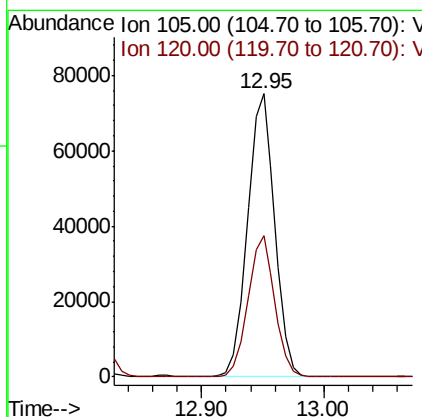
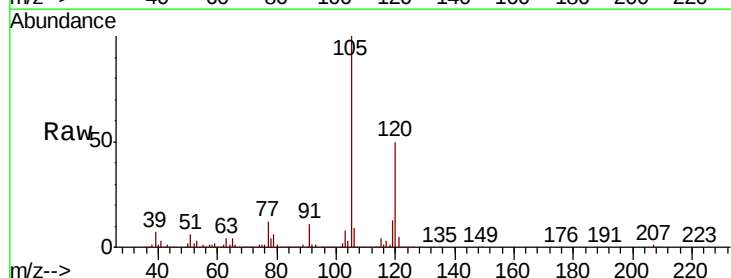
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

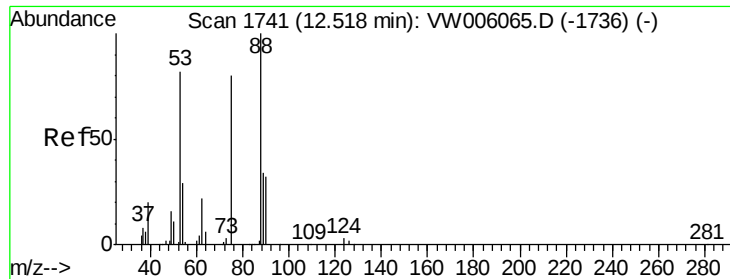
Tot Ion: 91 Resp: 102624
 Ion Ratio Lower Upper
 91 100
 126 37.2 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 58.481 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion:105 Resp: 115147
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 160.030 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

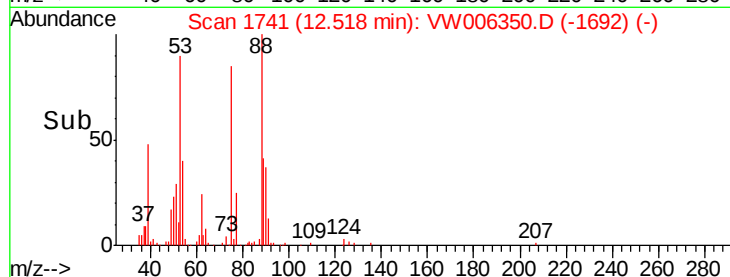
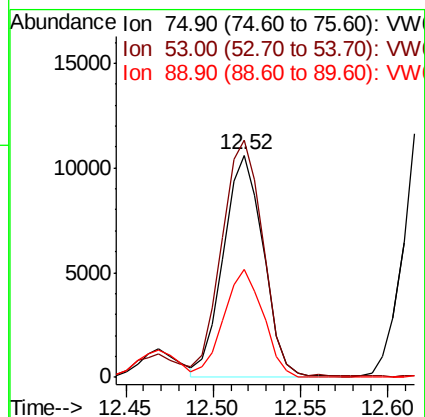
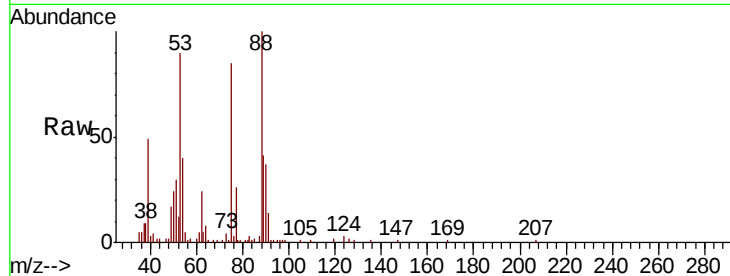
Tot Ion: 75 Resp: 16905

Ion Ratio Lower Upper

75 100

53 111.0 79.8 119.6

89 47.8 37.5 56.3



#82

4-Chlorotoluene

Concen: 65.073 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006350.D

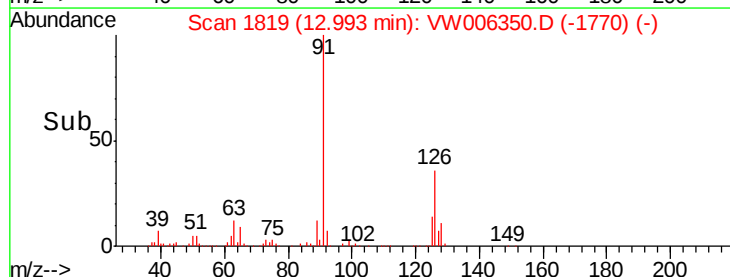
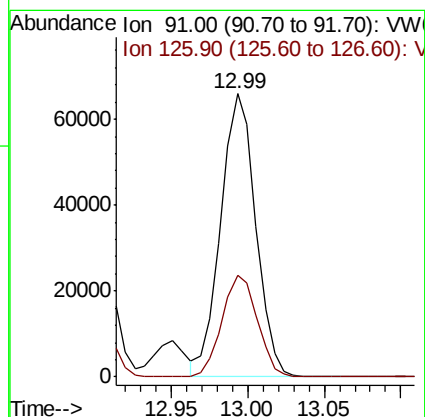
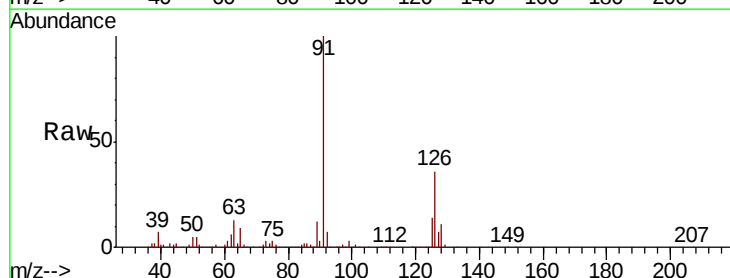
Acq: 25 Oct 2018 07:05

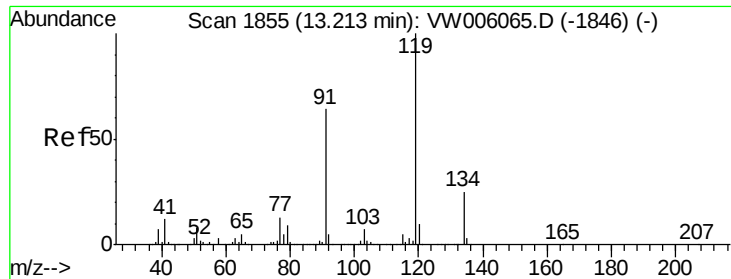
Tgt Ion: 91 Resp: 104071

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.3

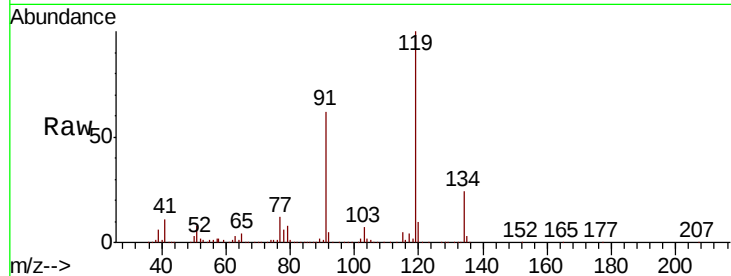




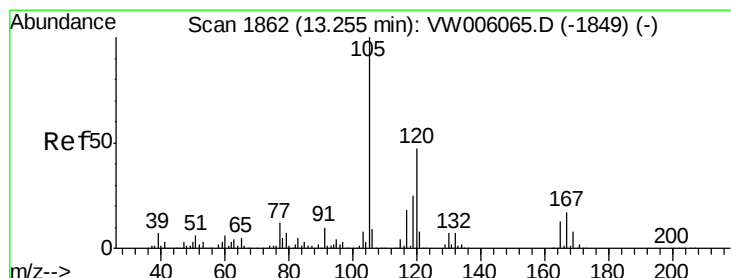
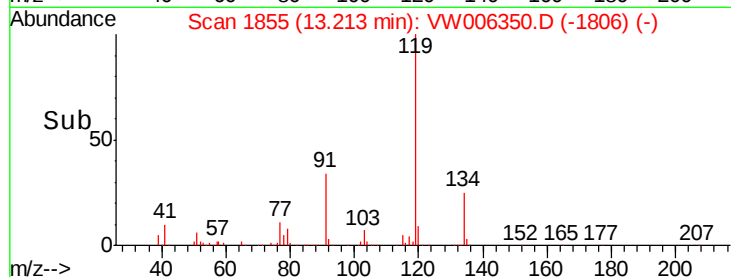
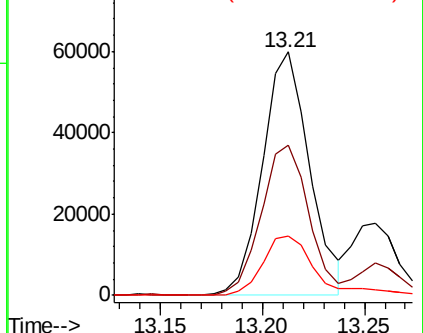
#83
tert-Butylbenzene
Concen: 54.364 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion:119 Resp: 95769
Ion Ratio Lower Upper
119 100
91 62.1 32.3 96.9
134 27.6 13.6 40.8

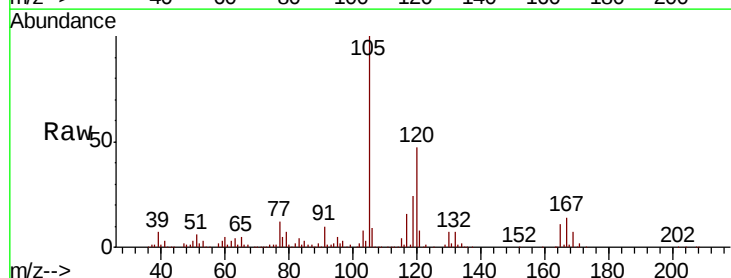


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

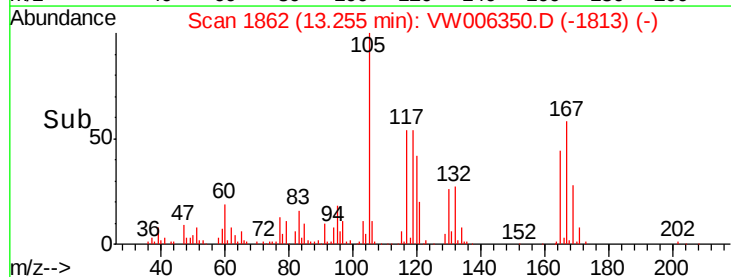
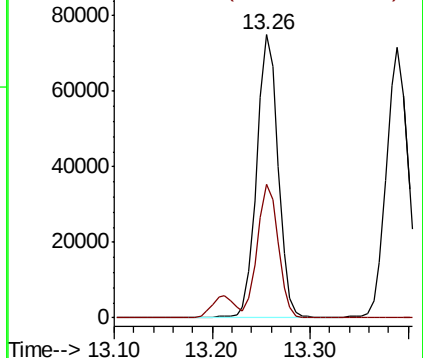


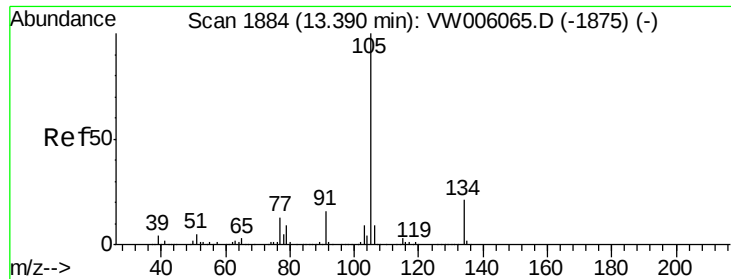
#84
1,2,4-Trimethylbenzene
Concen: 57.607 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:105 Resp: 114776
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.378 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

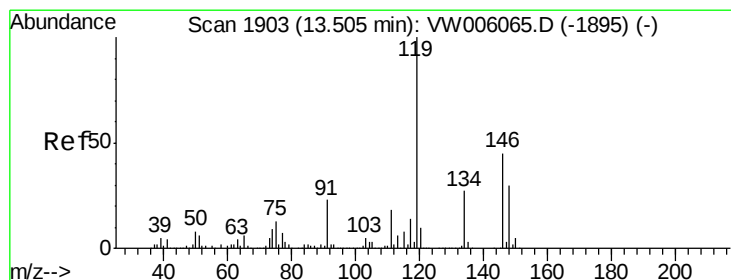
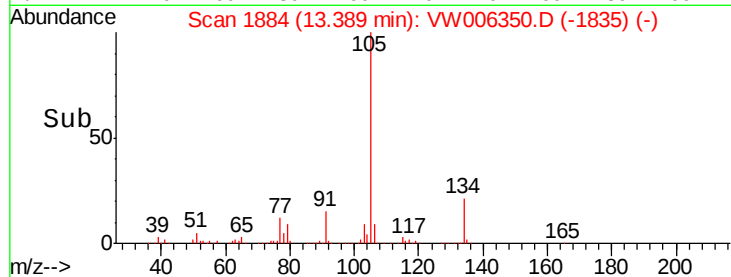
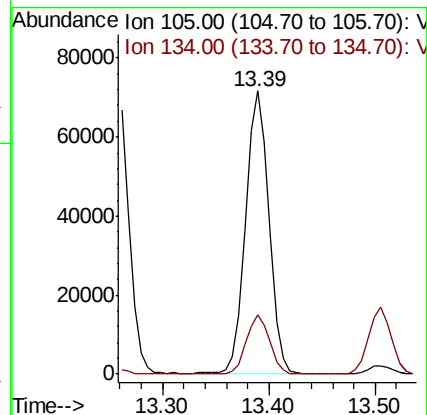
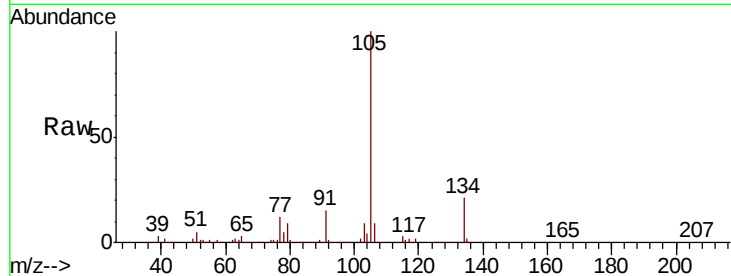
PA-SB-01BMS

Tot Ion:105 Resp: 110445

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.6



#86

p-Isopropyltoluene

Concen: 41.926 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

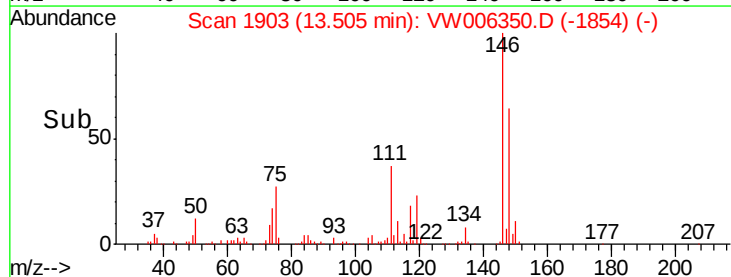
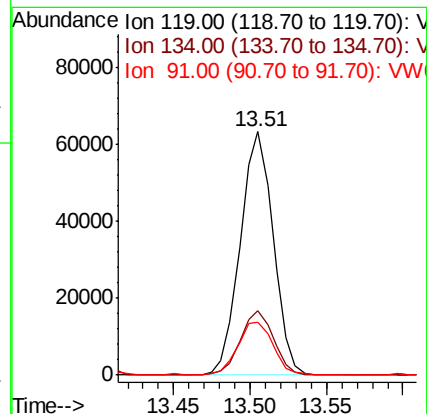
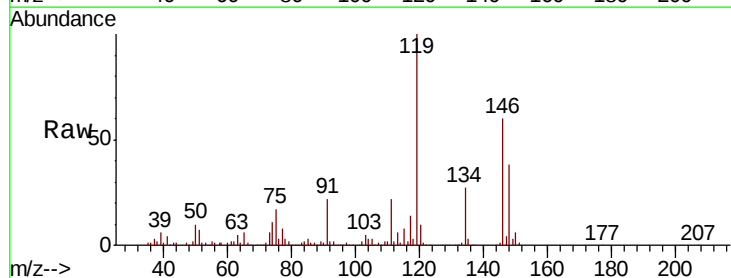
Tgt Ion:119 Resp: 94378

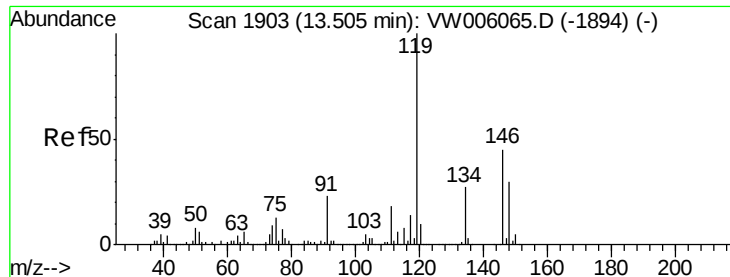
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.5 11.4 34.1

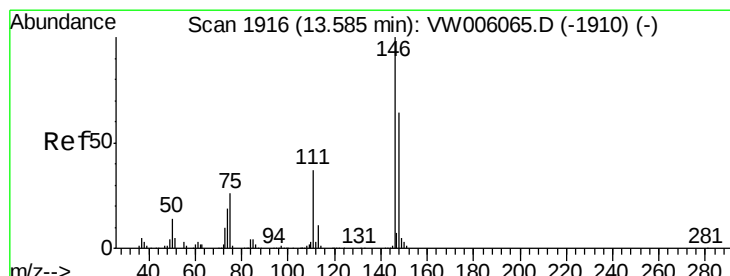
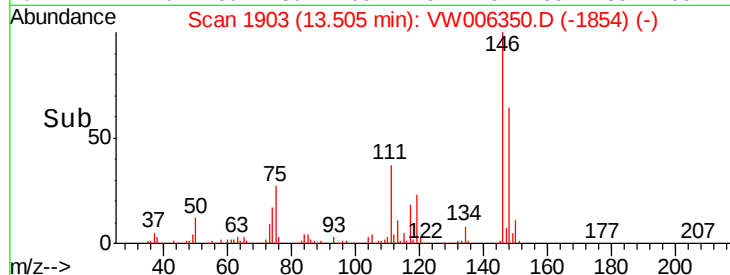
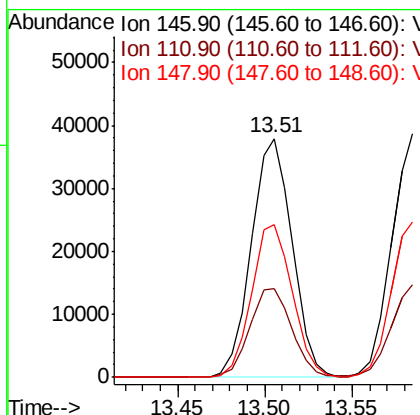
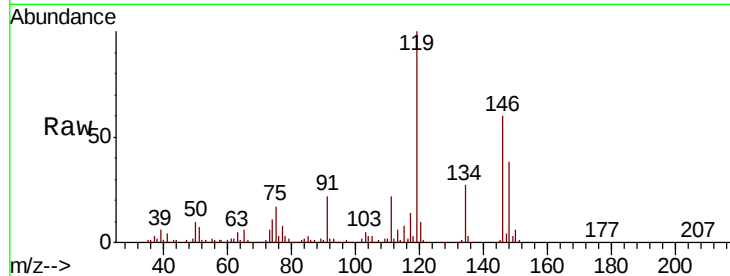




#87
 1,3-Dichlorobenzene
 Concen: 53.906 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

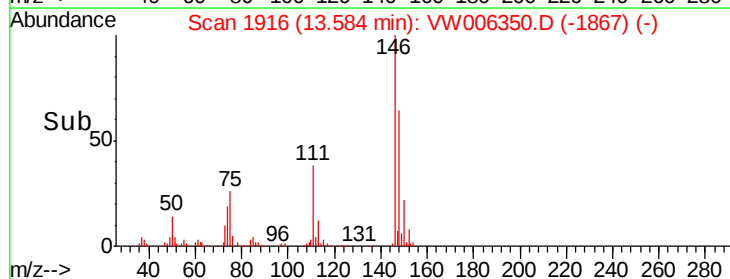
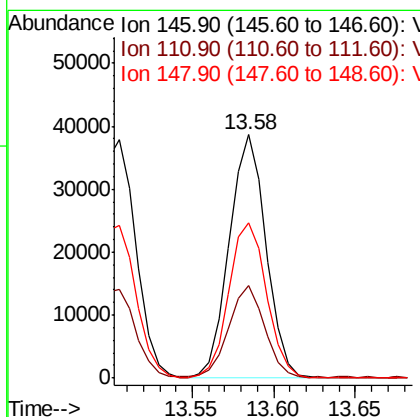
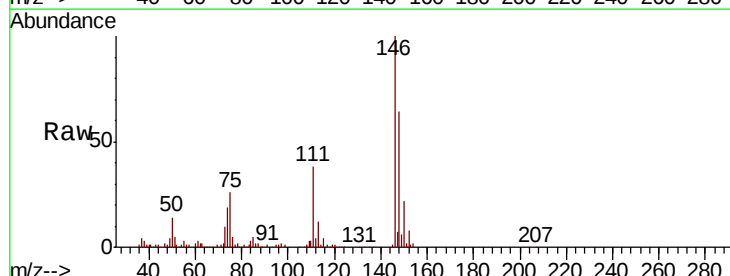
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

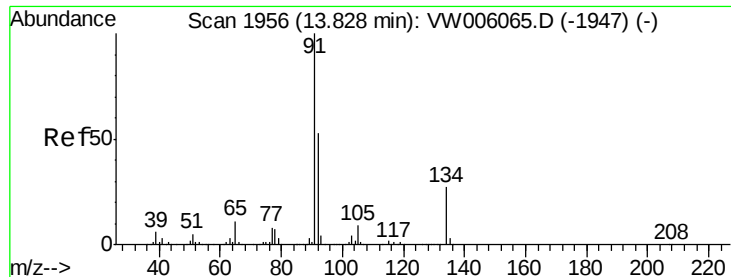
Tot Ion:146 Resp: 61372
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 53.543 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion:146 Resp: 60695
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 33.548 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006350.D

Acq: 25 Oct 2018 07:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01BMS

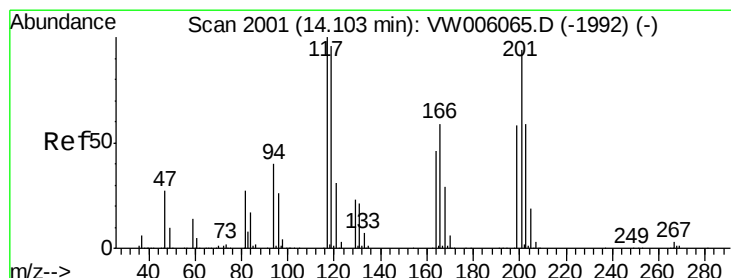
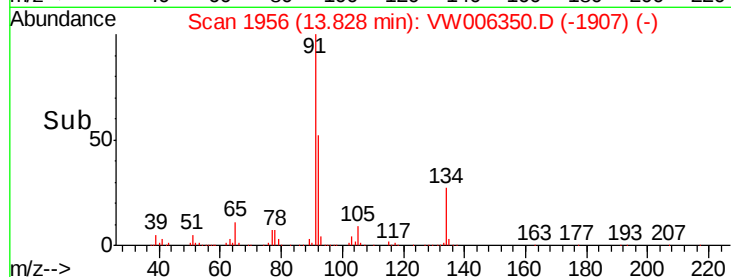
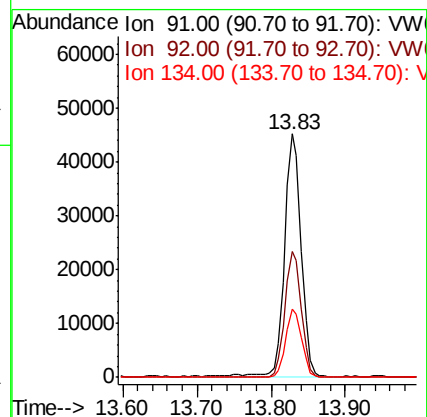
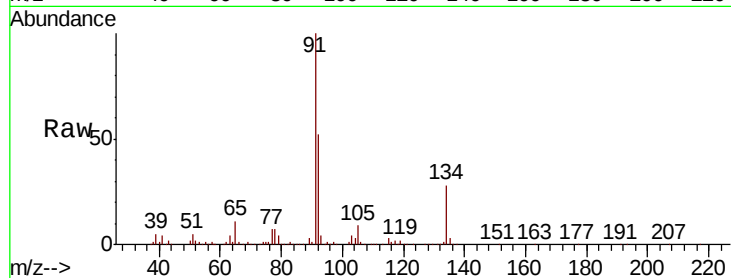
Tot Ion: 91 Resp: 69064

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 27.4 14.0 41.9



#90

Hexachloroethane

Concen: 35.516 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006350.D

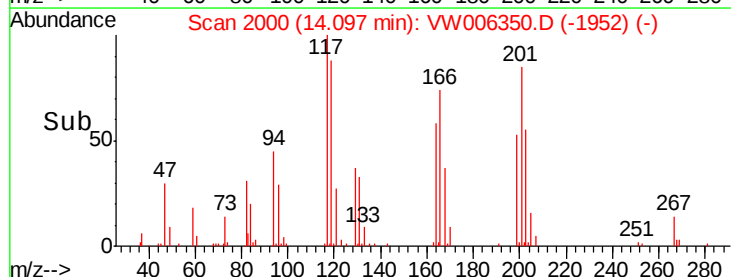
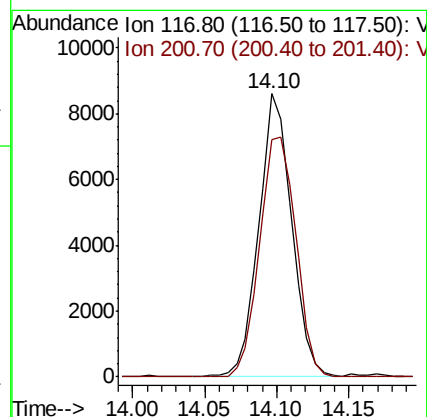
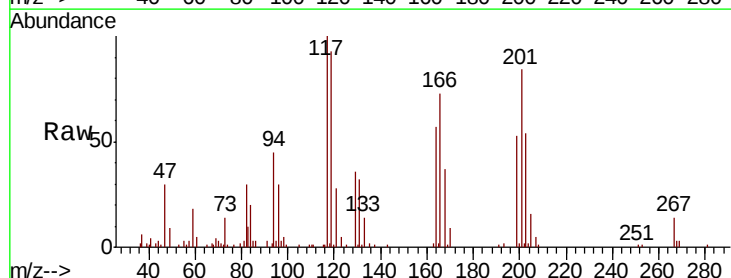
Acq: 25 Oct 2018 07:05

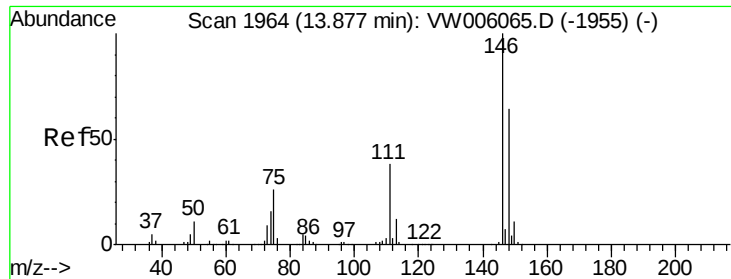
Tgt Ion: 117 Resp: 13542

Ion Ratio Lower Upper

117 100

201 93.6 45.3 135.9

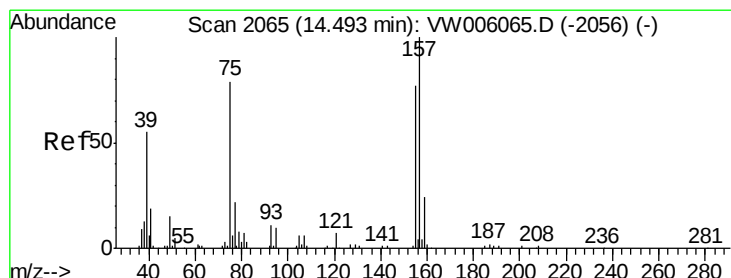
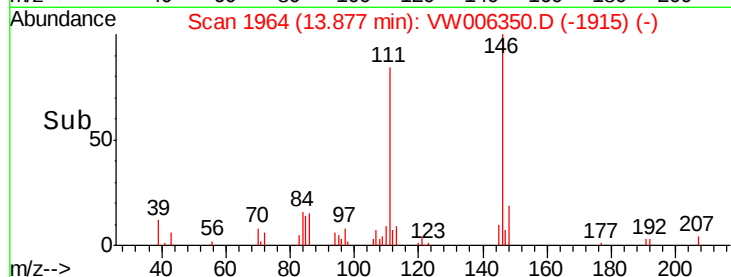
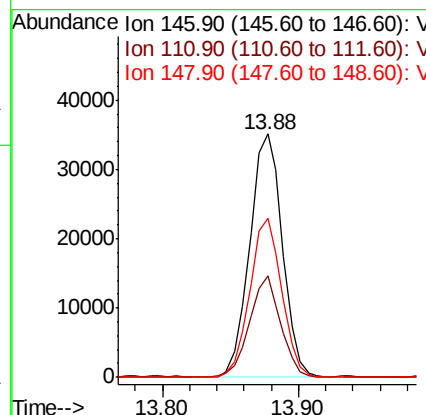
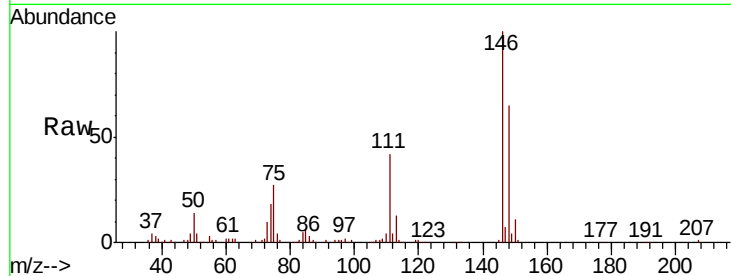




#91
 1,2-Dichlorobenzene
 Concen: 58.079 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

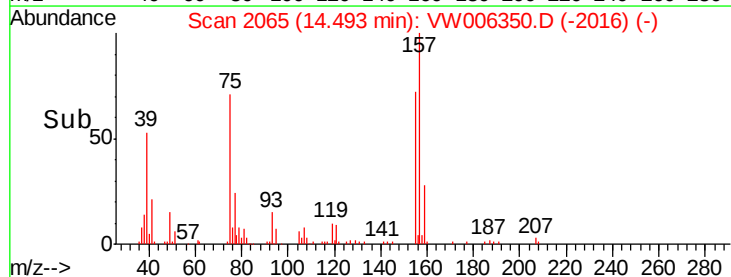
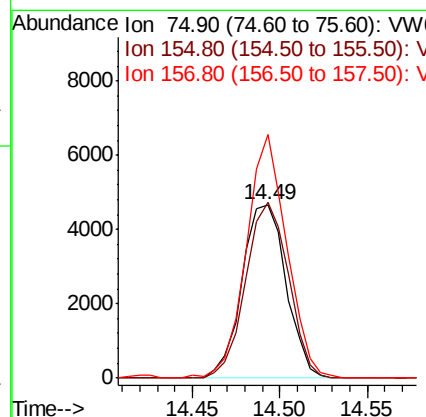
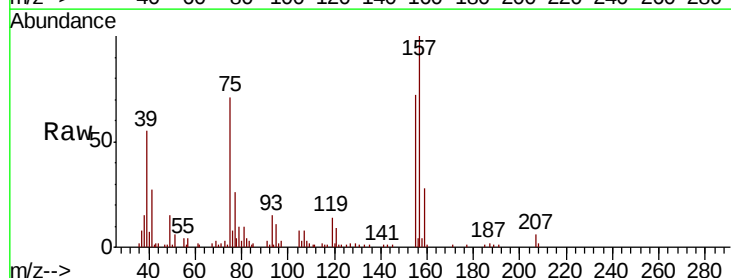
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

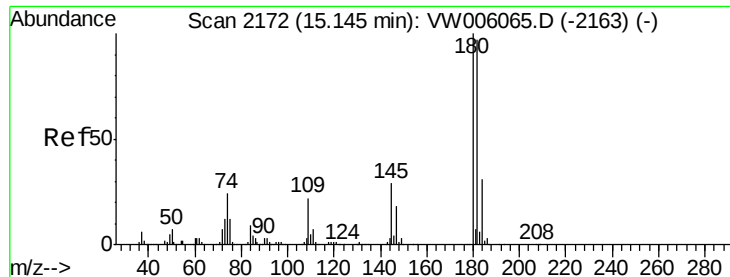
Tot Ion:146 Resp: 58981
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 128.583 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion: 75 Resp: 8178
 Ion Ratio Lower Upper
 75 100
 155 98.3 46.5 139.5
 157 128.6 59.8 179.4

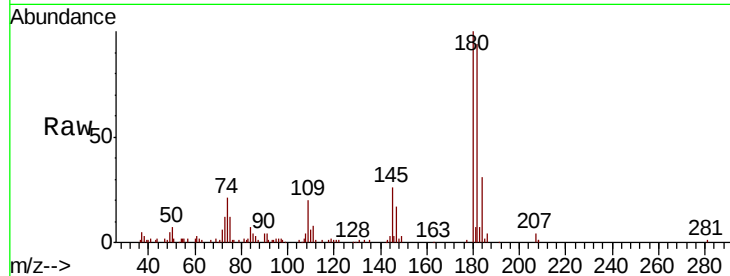




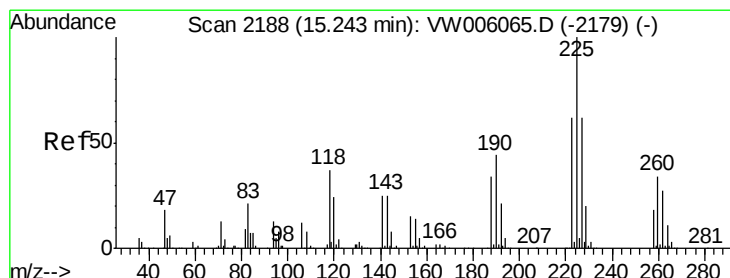
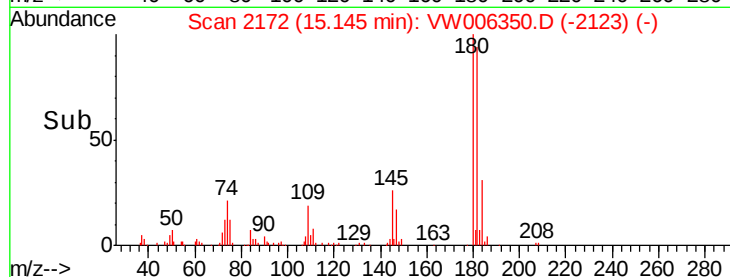
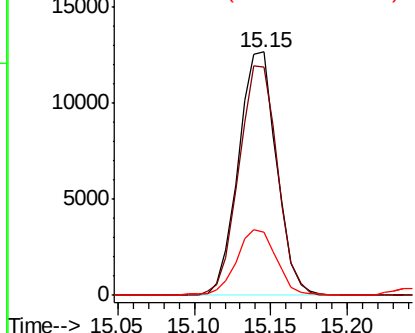
#93
 1,2,4-Trichlorobenzene
 Concen: 27.987 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Tot Ion:180 Resp: 21869
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 28.3 14.2 42.8

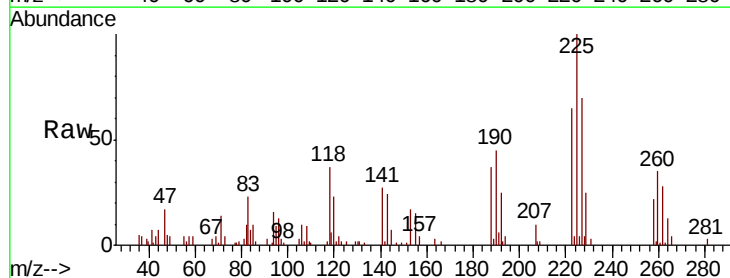


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

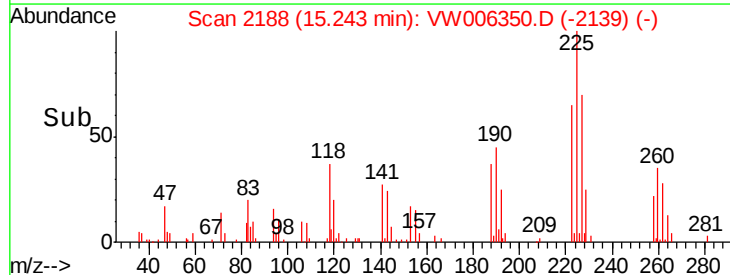
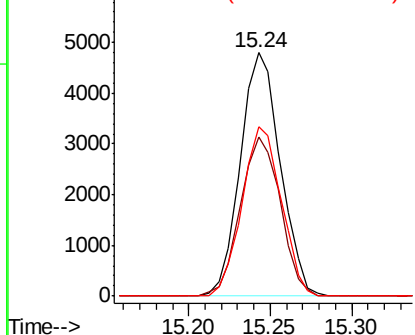


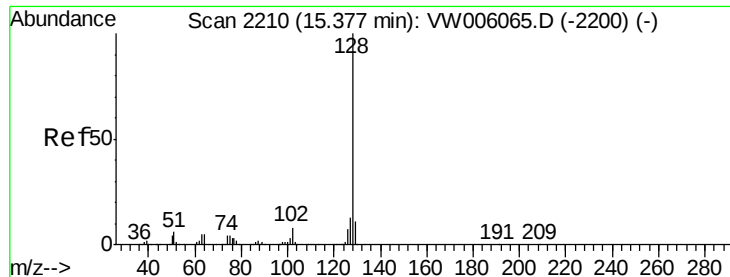
#94
 Hexachlorobutadiene
 Concen: 16.687 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006350.D
 Acq: 25 Oct 2018 07:05

Tgt Ion:225 Resp: 8191
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.1 93.5
 227 68.2 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

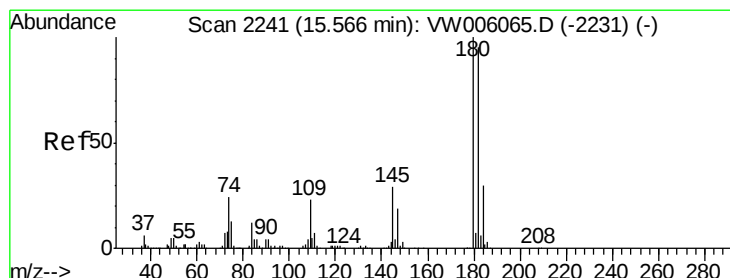
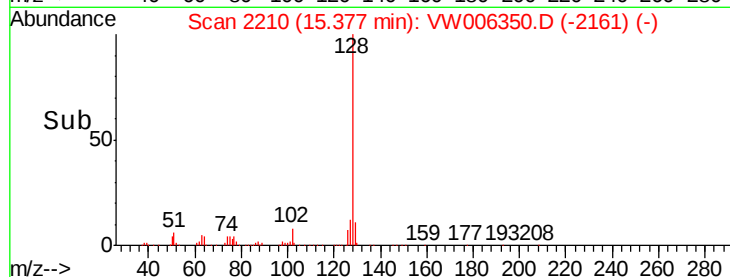
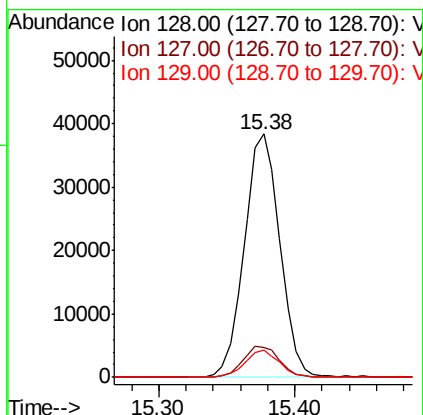
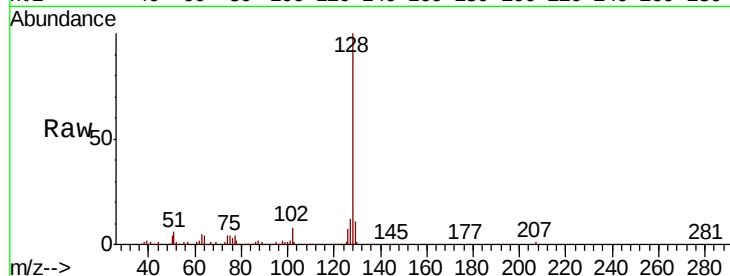




#95
Naphthalene
Concen: 53.965 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01BMS

Tot Ion:128 Resp: 70147
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 24.415 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006350.D
Acq: 25 Oct 2018 07:05

Tgt Ion:180 Resp: 16501
Ion Ratio Lower Upper
180 100
182 98.5 47.8 143.3
145 31.9 15.0 45.1

