

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005502.D
 Acq On : 19 Sep 2018 03:14
 Operator : SY/AP
 Sample : VW0918SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Quant Time: Sep 19 06:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	291325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	454516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154644	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.89	113	125736	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.33	98	609325	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.63	95	223819	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	59573	21.632	ug/l	99
3) Chloromethane	2.21	50	86266	25.086	ug/l	99
4) Vinyl Chloride	2.36	62	73881	22.935	ug/l	97
5) Bromomethane	2.76	94	48932	21.800	ug/l	99
6) Chloroethane	2.92	64	41067	21.510	ug/l	100
7) Trichlorofluoromethane	3.26	101	85370	20.003	ug/l	97
8) Diethyl Ether	3.69	74	29859	23.543	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54323	21.827	ug/l	96
10) Methyl Iodide	4.28	142	44626	17.007	ug/l	96
11) Tert butyl alcohol	5.18	59	23189	116.963	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50480	22.396	ug/l	97
13) Acrolein	3.90	56	17209	130.168	ug/l	99
14) Allyl chloride	4.68	41	103829	24.756	ug/l	93
15) Acrylonitrile	5.38	53	71833	123.823	ug/l	97
16) Acetone	4.13	43	58034	124.401	ug/l	100
17) Carbon Disulfide	4.39	76	170240	21.441	ug/l	99
18) Methyl Acetate	4.68	43	35319	24.306	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	137402	22.450	ug/l	97
20) Methylene Chloride	4.92	84	83429	24.931	ug/l	88
21) trans-1,2-Dichloroethene	5.43	96	60289	22.398	ug/l	96
22) Diisopropyl ether	6.32	45	212061	25.721	ug/l	99
23) Vinyl Acetate	6.27	43	582797	124.053	ug/l	99
24) 1,1-Dichloroethane	6.23	63	114524	22.890	ug/l	98
25) 2-Butanone	7.18	43	92219	126.774	ug/l	92
26) 2,2-Dichloropropane	7.18	77	88789	19.784	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	65595	22.402	ug/l	97
28) Bromochloromethane	7.52	49	46402	23.845	ug/l	89
29) Tetrahydrofuran	7.54	42	60794	131.187	ug/l	94
30) Chloroform	7.68	83	113391	21.886	ug/l	99
31) Cyclohexane	7.96	56	114206	23.662	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	99602	20.675	ug/l	98
36) 1,1-Dichloropropene	8.09	75	93449	21.725	ug/l	99
37) Ethyl Acetate	7.26	43	42537	24.317	ug/l	98
38) Carbon Tetrachloride	8.07	117	85930	19.171	ug/l	97

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Quant Time: Sep 19 06:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103757	20.759	ug/l	99
40) Benzene	8.33	78	265582	21.314	ug/l	99
41) Methacrylonitrile	7.49	41	26305	24.925	ug/l	96
42) 1,2-Dichloroethane	8.41	62	78916	20.234	ug/l	97
43) Isopropyl Acetate	8.43	43	78421	22.972	ug/l	99
44) Trichloroethene	9.10	130	65653	20.471	ug/l	100
45) 1,2-Dichloropropane	9.38	63	70071	23.537	ug/l	98
46) Dibromomethane	9.46	93	31079	21.222	ug/l	98
47) Bromodichloromethane	9.65	83	84152	21.208	ug/l	98
48) Methyl methacrylate	9.45	41	37532	22.030	ug/l	98
49) 1,4-Dioxane	9.45	88	10970	449.428	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	202386	115.162	ug/l	98
52) Toluene	10.40	92	181616	21.523	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79939	20.131	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	96793	21.528	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	45829	21.055	ug/l	98
56) Ethyl methacrylate	10.65	69	59257	21.509	ug/l	98
57) 1,3-Dichloropropane	10.94	76	81064	21.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	143806	115.408	ug/l	96
59) 2-Hexanone	10.98	43	138269	115.505	ug/l	98
60) Dibromochloromethane	11.13	129	50976	19.465	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40706	20.853	ug/l	99
64) Tetrachloroethene	10.87	164	68621	20.999	ug/l	98
65) Chlorobenzene	11.66	112	193414	20.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	57980	19.331	ug/l	97
67) Ethyl Benzene	11.74	91	348351	21.108	ug/l	98
68) m/p-Xylenes	11.85	106	267820	42.167	ug/l	100
69) o-Xylene	12.17	106	123118	20.816	ug/l	99
70) Styrene	12.19	104	203437	20.842	ug/l	99
71) Bromoform	12.35	173	29377	18.514	ug/l #	100
73) Isopropylbenzene	12.47	105	340900	21.913	ug/l	100
74) N-amyl acetate	12.28	43	74088	22.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50997	22.471	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70840	38.842	ug/l #	100
77) Bromobenzene	12.76	156	77408	21.046	ug/l	95
78) n-propylbenzene	12.81	91	417999	22.263	ug/l	99
79) 2-Chlorotoluene	12.90	91	244854	22.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	290853	21.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13899	19.769	ug/l	94
82) 4-Chlorotoluene	13.00	91	258694	22.122	ug/l	98
83) tert-Butylbenzene	13.21	119	248521	22.043	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	294236	21.351	ug/l	99
85) sec-Butylbenzene	13.39	105	355911	21.847	ug/l	99
86) p-Isopropyltoluene	13.51	119	307452	21.104	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	155998	20.913	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154616	21.049	ug/l	99
89) n-Butylbenzene	13.83	91	290599	21.421	ug/l	99
90) Hexachloroethane	14.10	117	51194	20.509	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	135198	20.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8791	20.169	ug/l	96

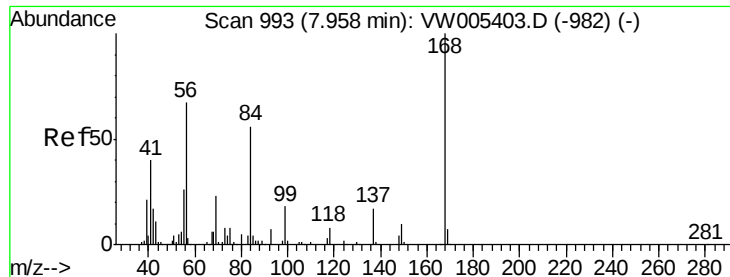
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005502.D
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Quant Time: Sep 19 06:03:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86932	19.986	ug/l	99
94) Hexachlorobutadiene	15.25	225	56771	19.987	ug/l	99
95) Naphthalene	15.38	128	142350	19.640	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75027	19.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

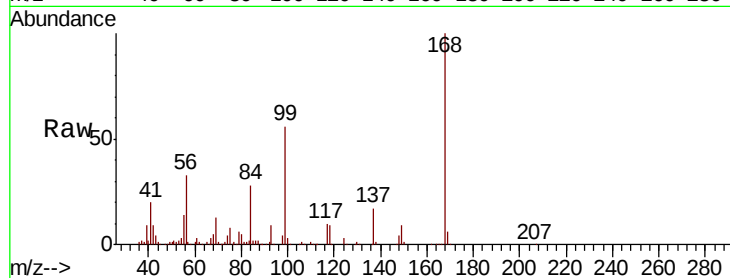
VW0918SBS02

Tgt Ion:168 Resp: 291325

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

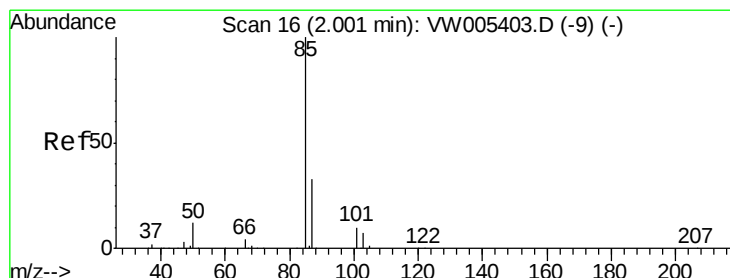
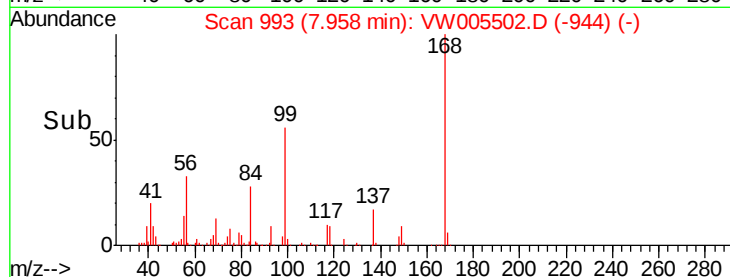
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.632 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005502.D

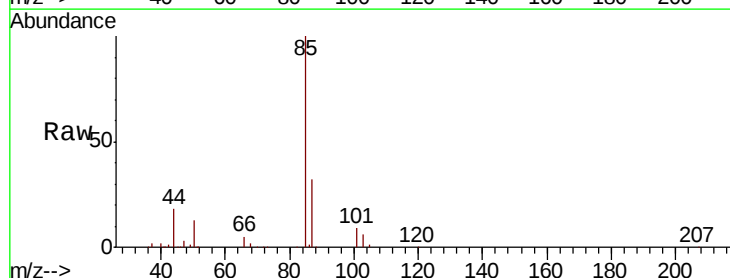
Acq: 19 Sep 2018 03:14

Tgt Ion: 85 Resp: 59573

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

30000

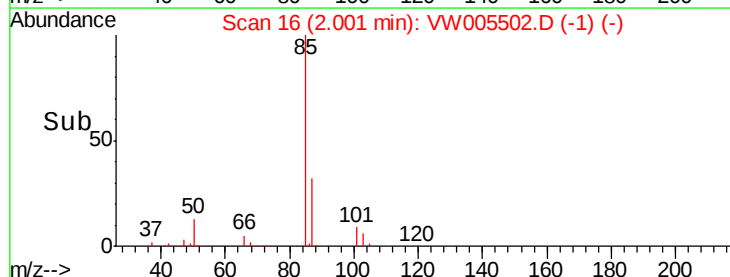
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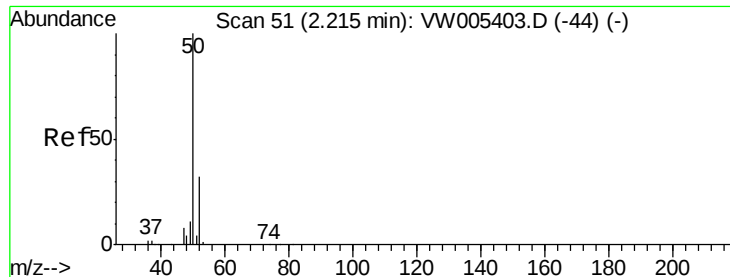
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0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 25.086 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

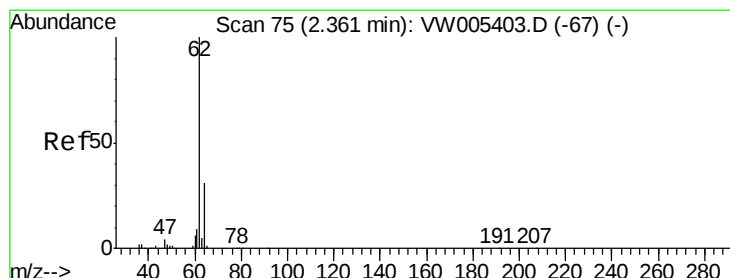
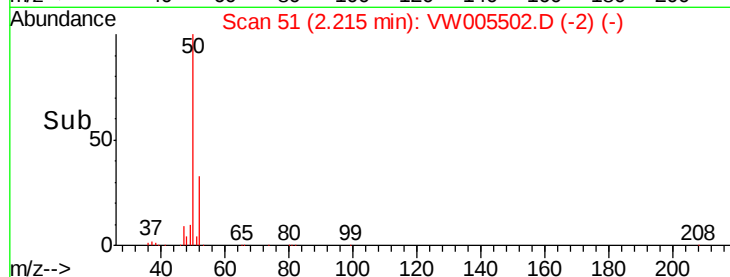
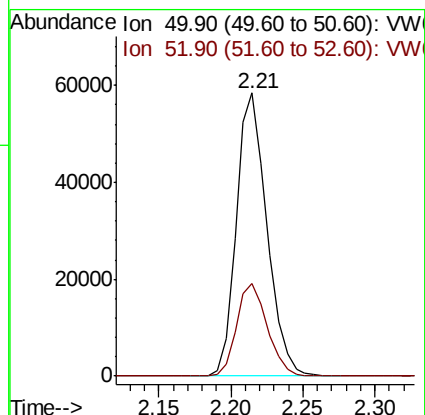
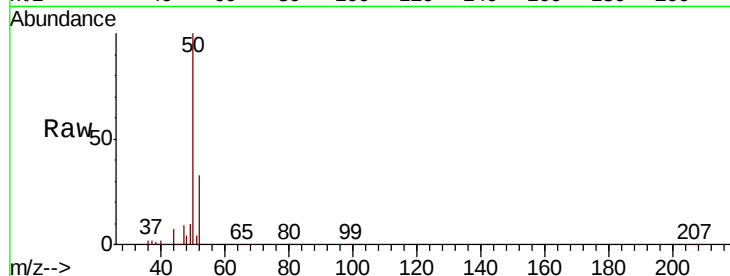
VW0918SBS02

Tgt Ion: 50 Resp: 86266

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 22.935 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005502.D

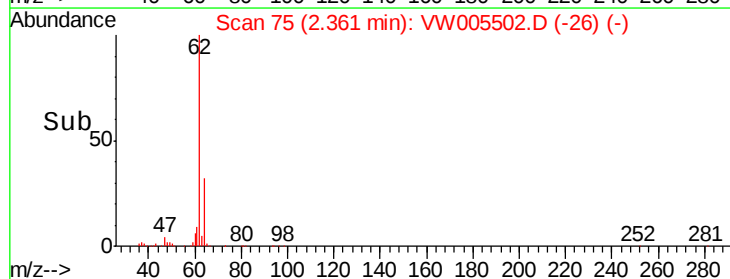
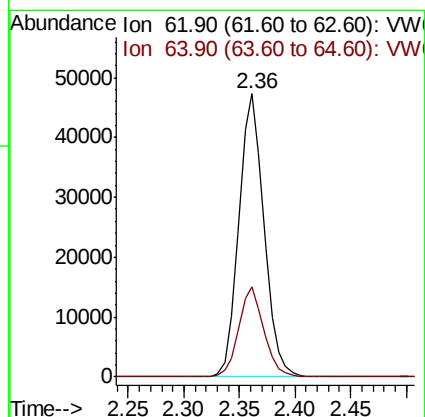
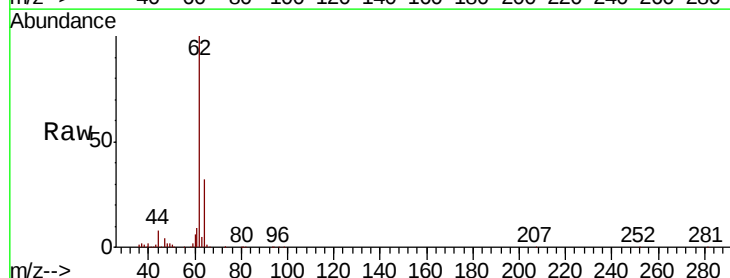
Acq: 19 Sep 2018 03:14

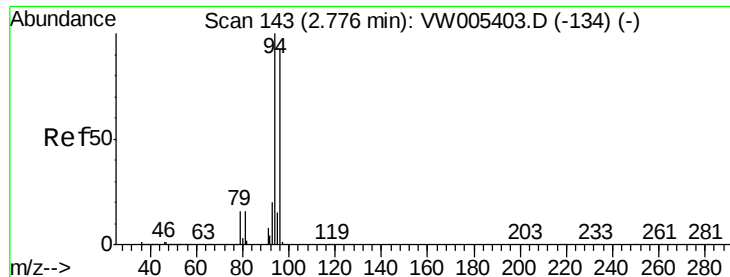
Tgt Ion: 62 Resp: 73881

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 21.800 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

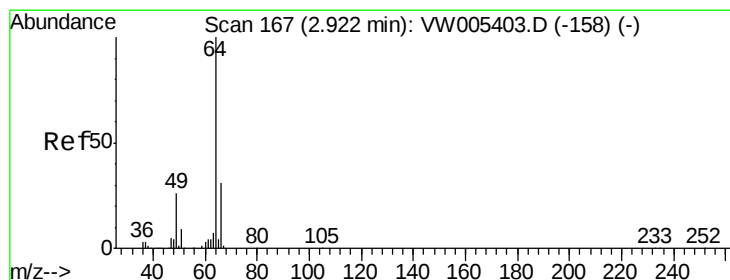
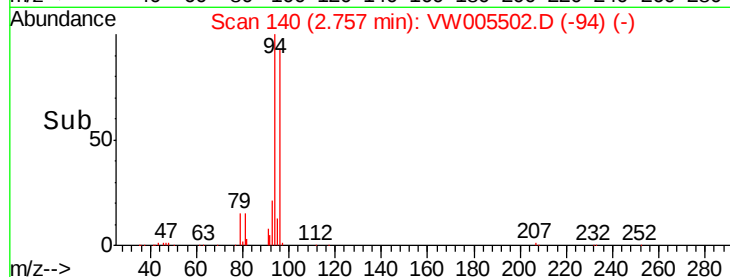
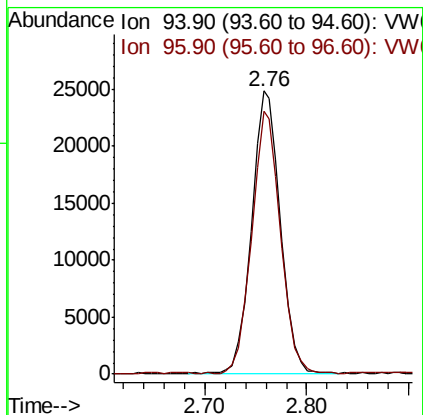
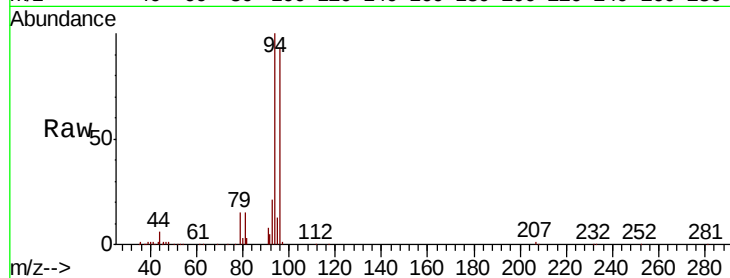
VW0918SBS02

Tgt Ion: 94 Resp: 48932

Ion Ratio Lower Upper

94 100

96 92.7 73.7 110.5



#6

Chloroethane

Concen: 21.510 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005502.D

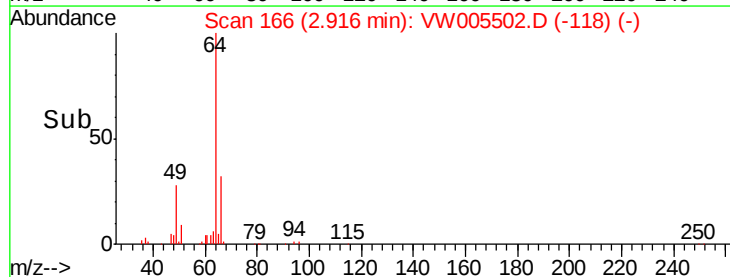
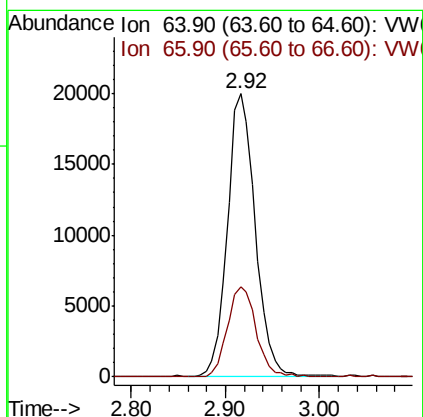
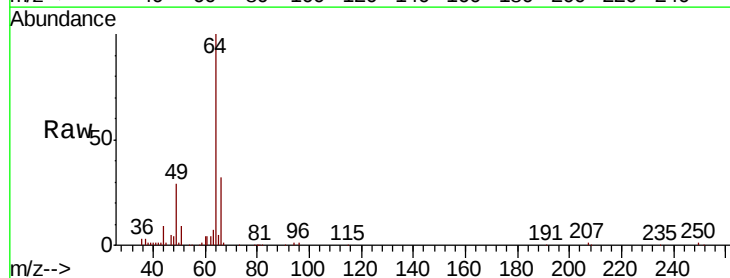
Acq: 19 Sep 2018 03:14

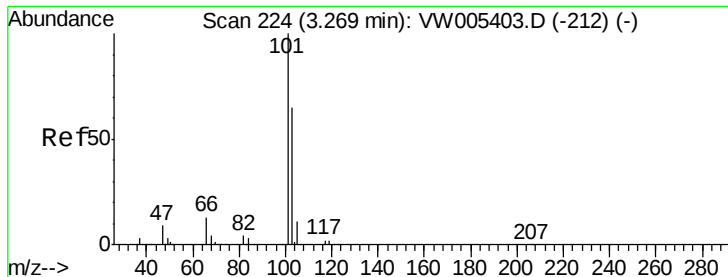
Tgt Ion: 64 Resp: 41067

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



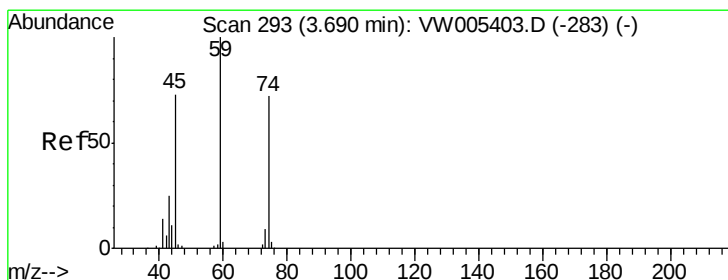
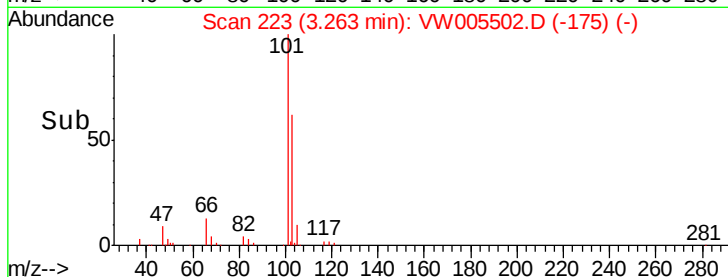
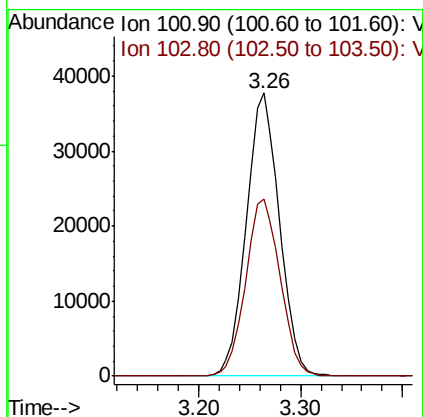
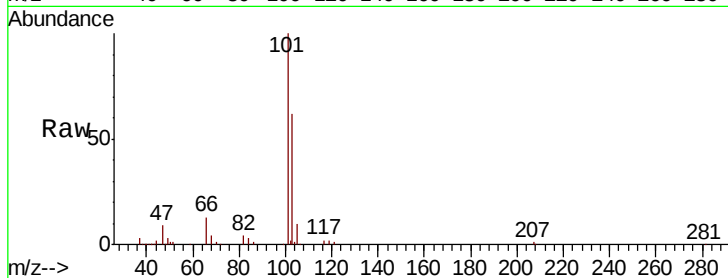


#7

Trichlorofluoromethane
 Concen: 20.003 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

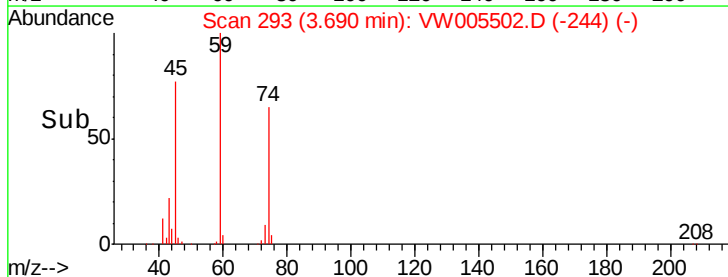
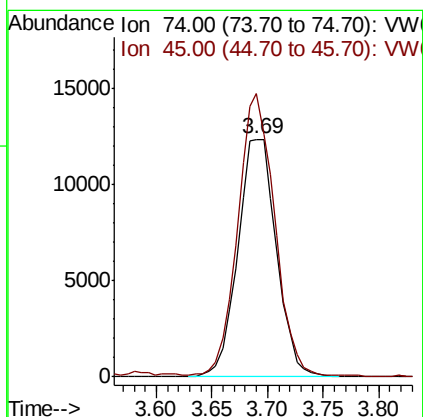
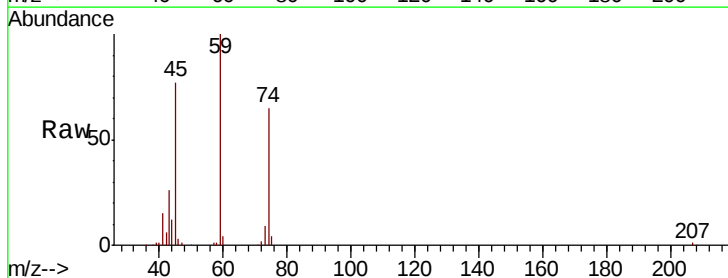
Tgt Ion: 101 Resp: 85370
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.7 77.5

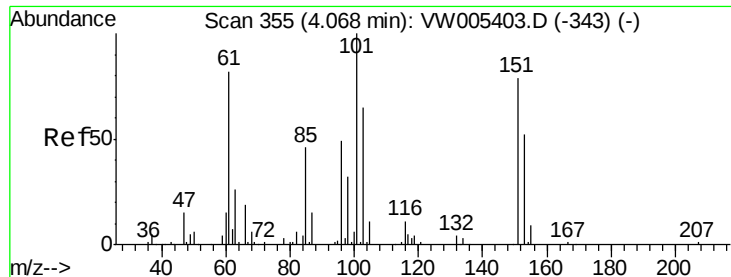


#8

Diethyl Ether
 Concen: 23.543 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 74 Resp: 29859
 Ion Ratio Lower Upper
 74 100
 45 112.5 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.827 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

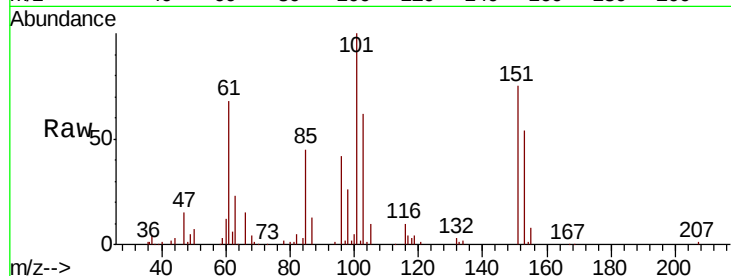
Tgt Ion:101 Resp: 54323

Ion Ratio Lower Upper

101 100

85 45.0 36.6 54.8

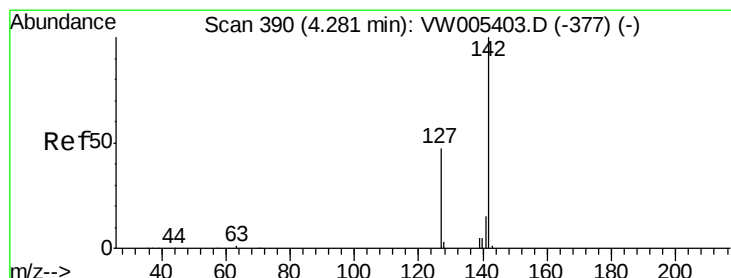
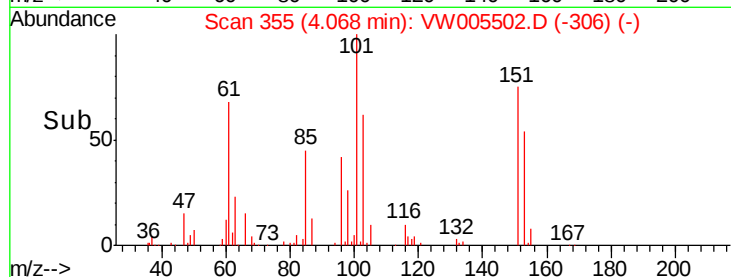
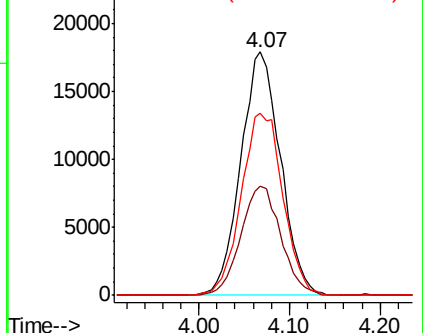
151 78.5 66.3 99.5



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: 17.007 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

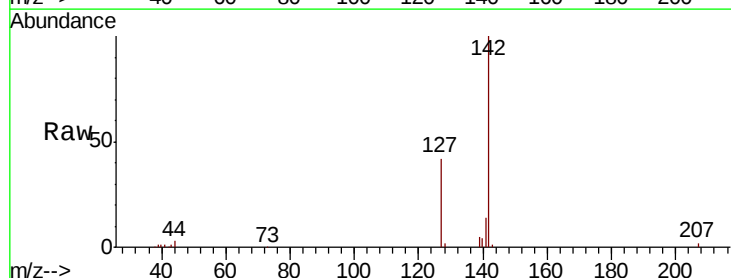
Tgt Ion:142 Resp: 44626

Ion Ratio Lower Upper

142 100

127 43.8 37.5 56.3

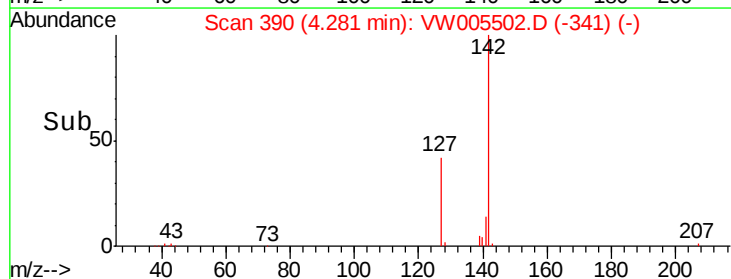
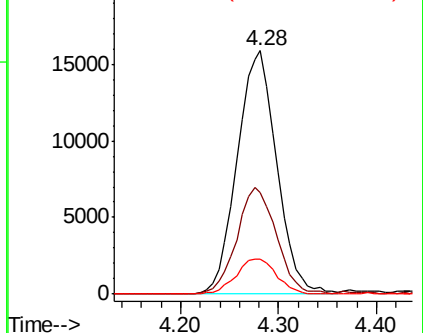
141 15.0 12.4 18.6

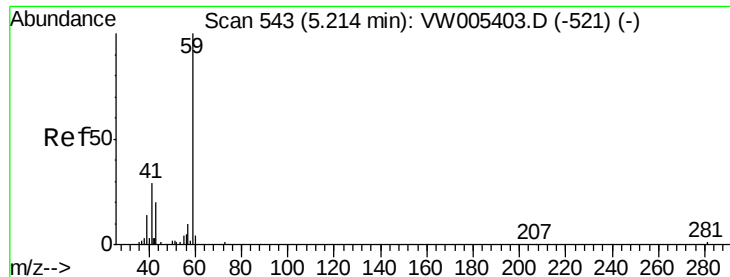


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



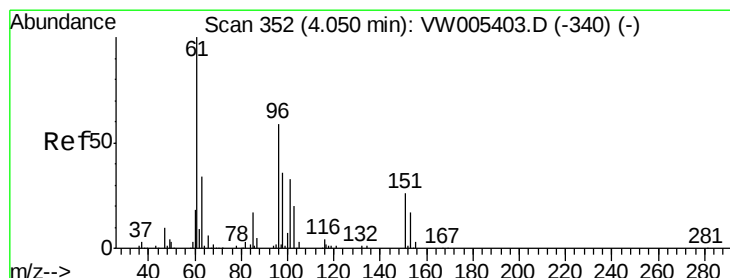
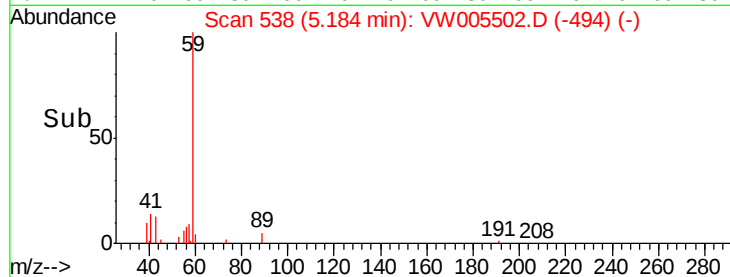
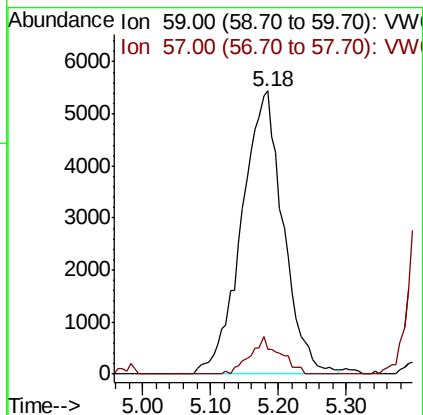
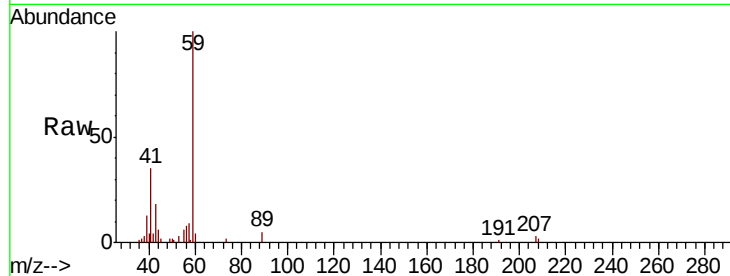


#11

Tert butyl alcohol
Concen: 116.963 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.03 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

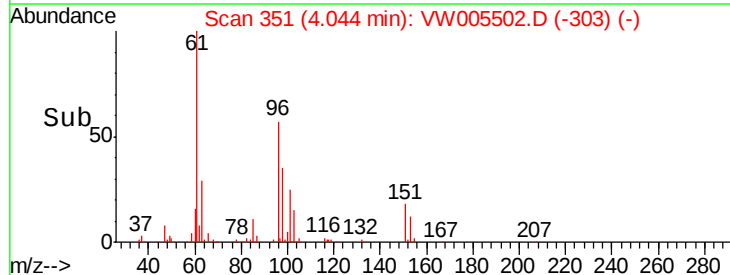
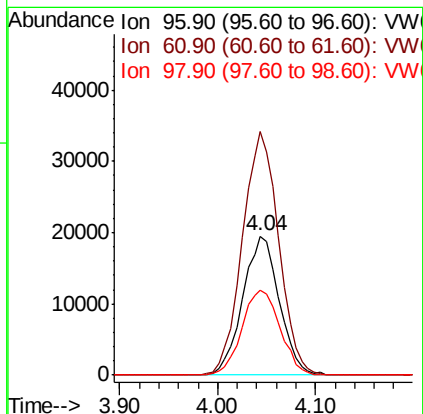
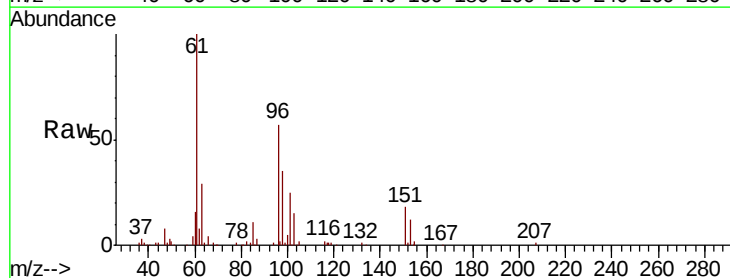
Tgt Ion: 59 Resp: 23189
Ion Ratio Lower Upper
59 100
57 9.3 8.6 13.0

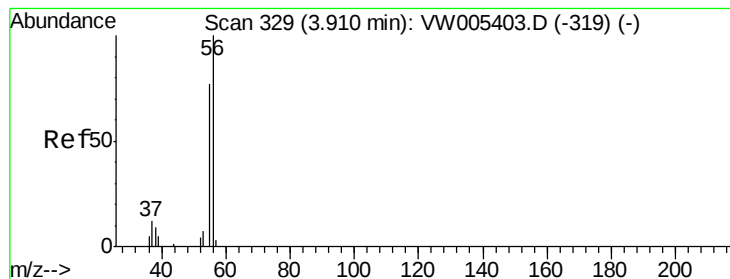


#12

1,1-Dichloroethene
Concen: 22.396 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 96 Resp: 50480
Ion Ratio Lower Upper
96 100
61 175.3 135.7 203.5
98 61.5 48.6 73.0





#13

Acrolein

Concen: 130.168 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

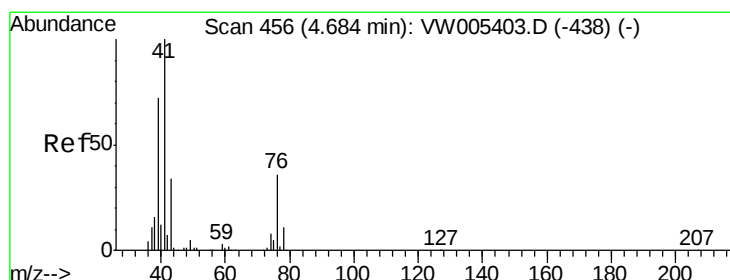
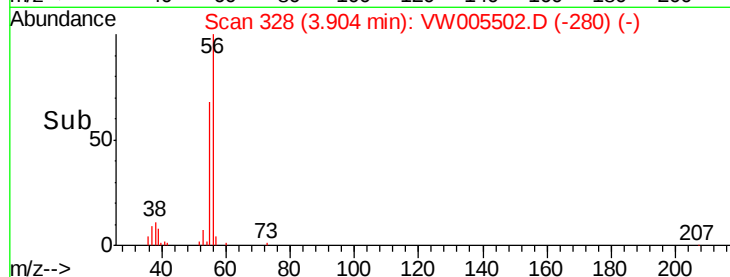
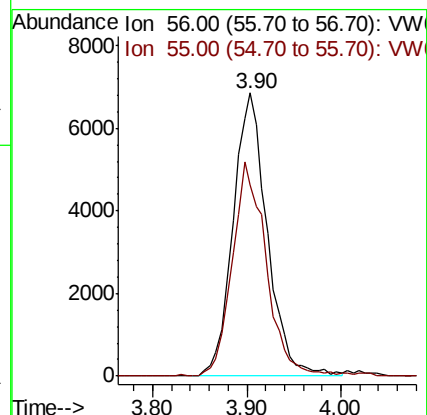
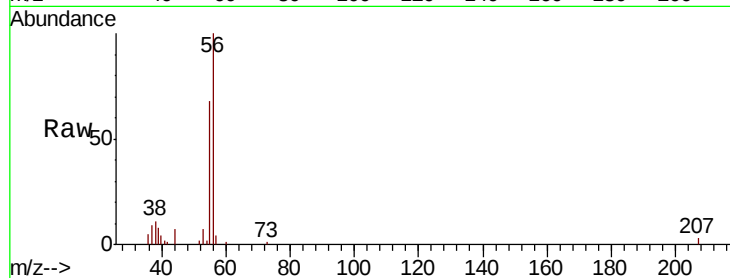
VW0918SBS02

Tgt Ion: 56 Resp: 17209

Ion Ratio Lower Upper

56 100

55 75.3 59.8 89.8



#14

Allyl chloride

Concen: 24.756 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

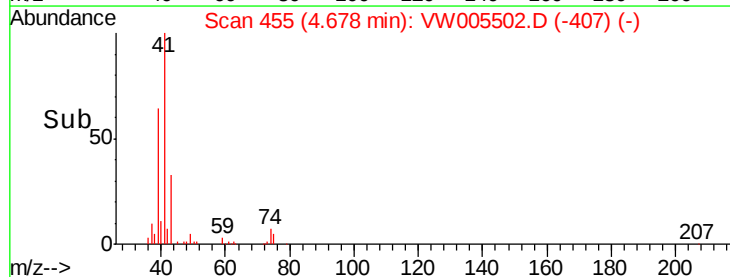
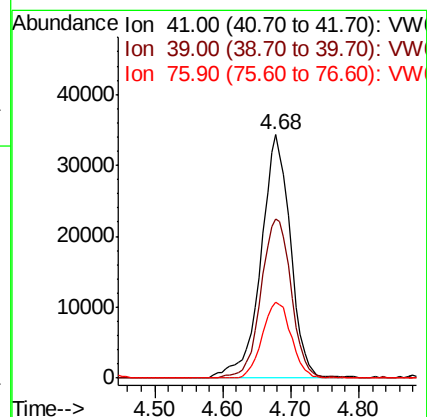
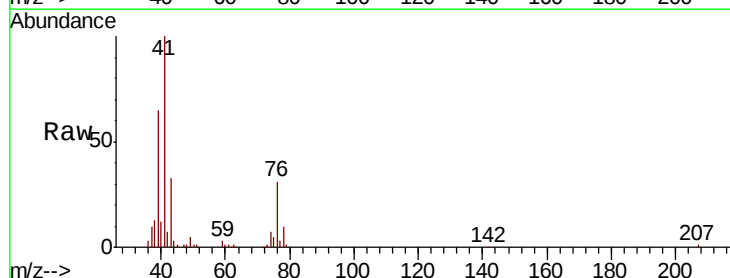
Tgt Ion: 41 Resp: 103829

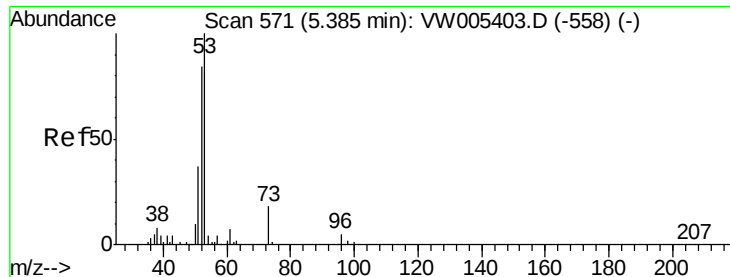
Ion Ratio Lower Upper

41 100

39 67.0 58.6 88.0

76 30.7 27.4 41.0





#15

Acrylonitrile

Concen: 123.823 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

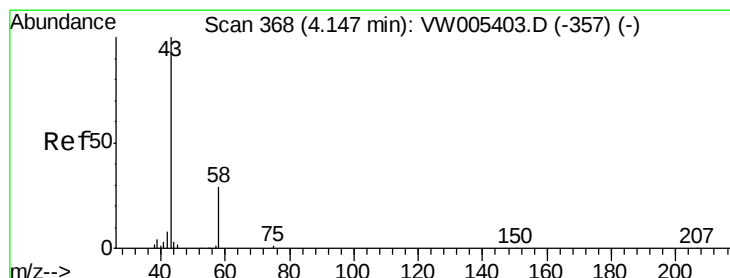
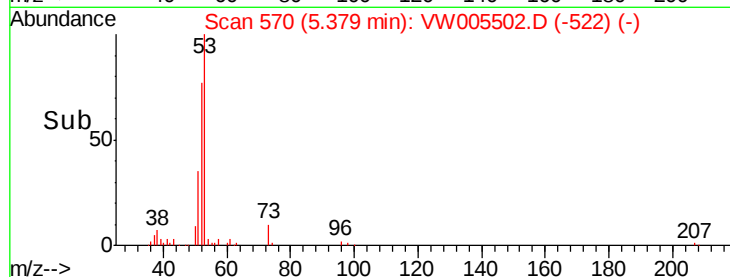
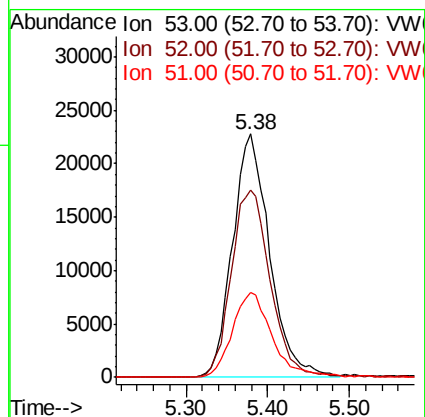
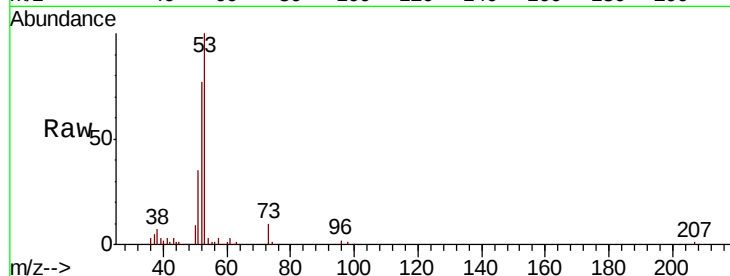
Tgt Ion: 53 Resp: 71833

Ion Ratio Lower Upper

53 100

52 80.4 66.6 99.8

51 37.1 31.1 46.7



#16

Acetone

Concen: 124.401 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005502.D

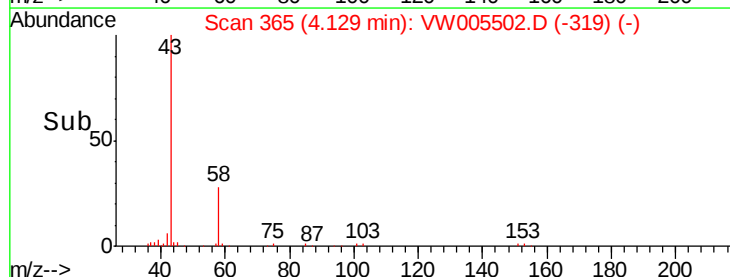
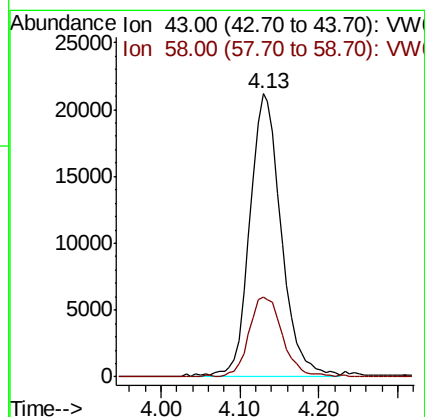
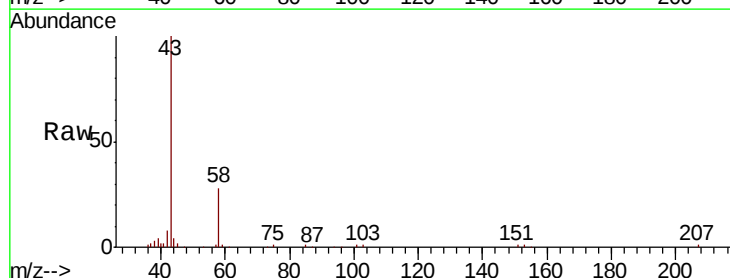
Acq: 19 Sep 2018 03:14

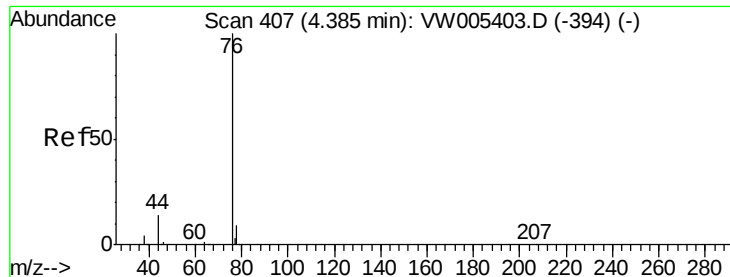
Tgt Ion: 43 Resp: 58034

Ion Ratio Lower Upper

43 100

58 28.3 22.8 34.2





#17

Carbon Disulfide

Concen: 21.441 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

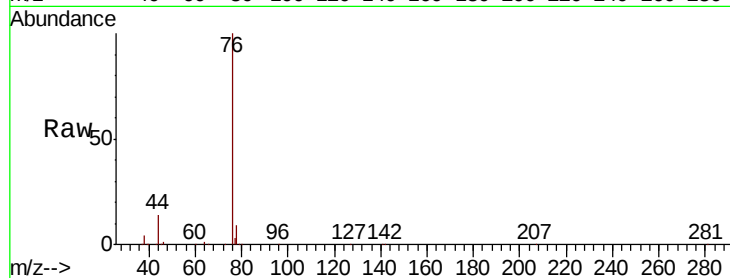
VW0918SBS02

Tgt Ion: 76 Resp: 170240

Ion Ratio Lower Upper

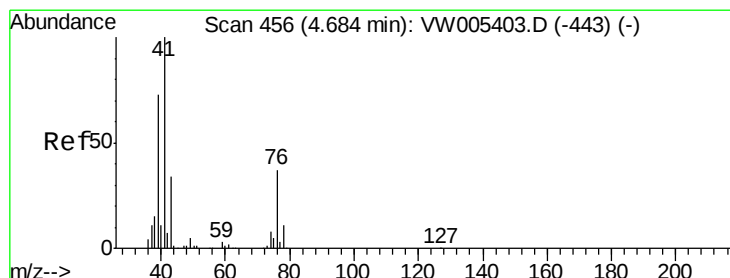
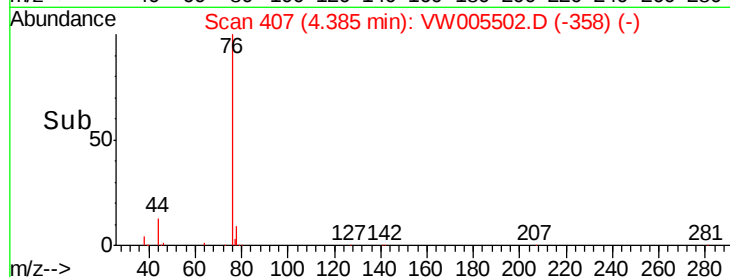
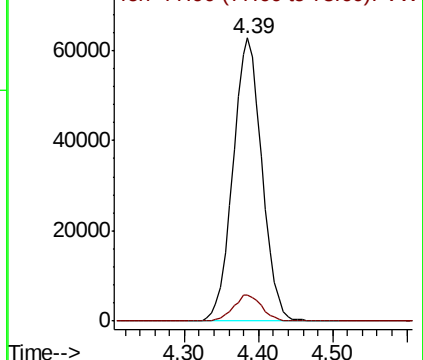
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.306 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005502.D

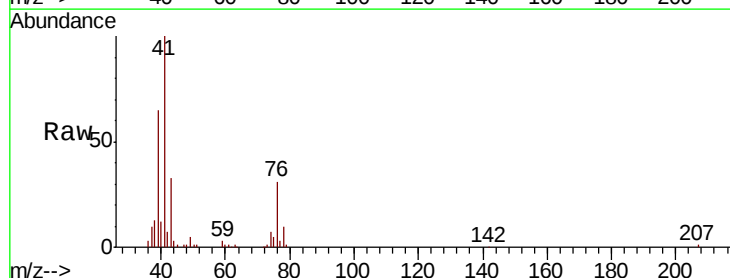
Acq: 19 Sep 2018 03:14

Tgt Ion: 43 Resp: 35319

Ion Ratio Lower Upper

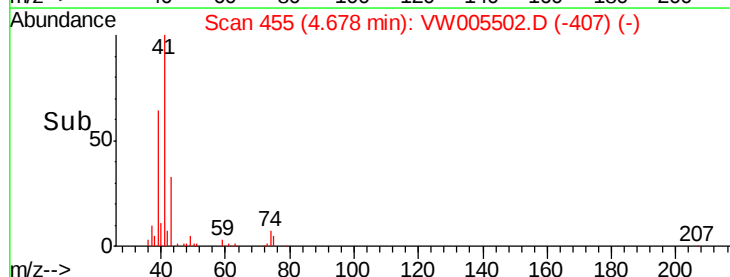
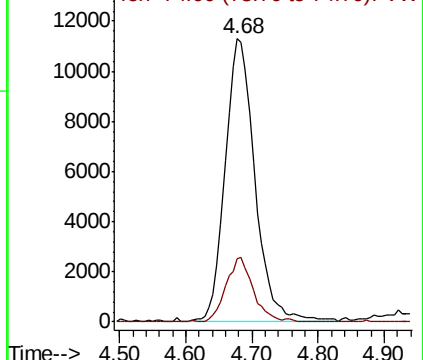
43 100

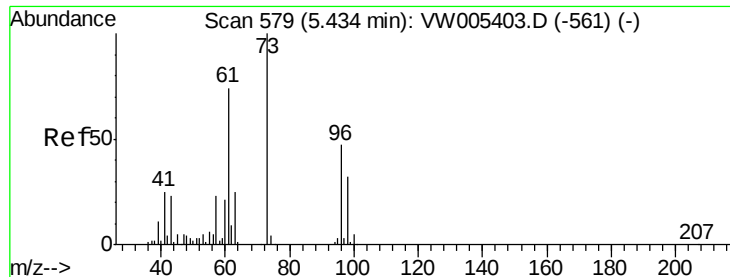
74 20.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

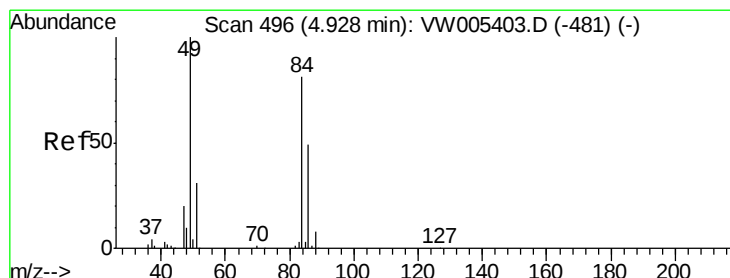
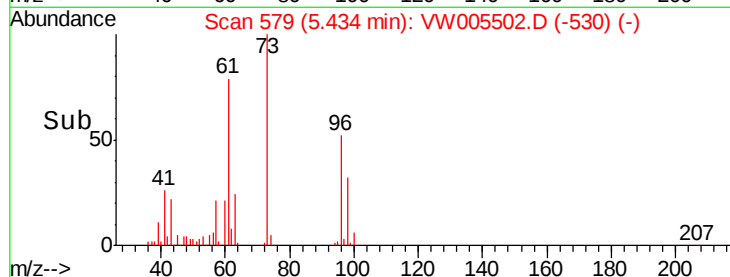
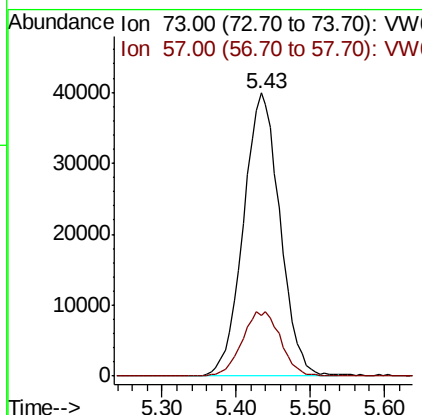
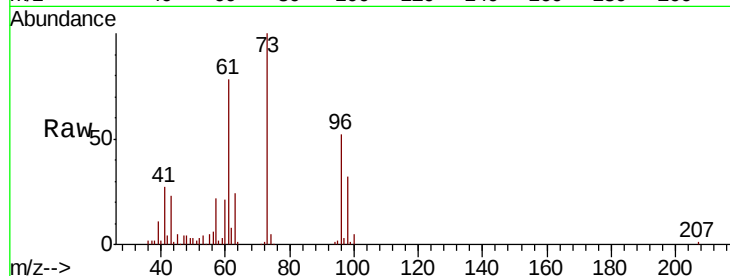




#19
Methyl tert-butyl Ether
Concen: 22.450 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

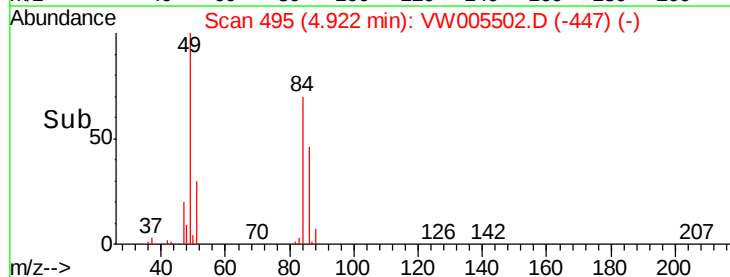
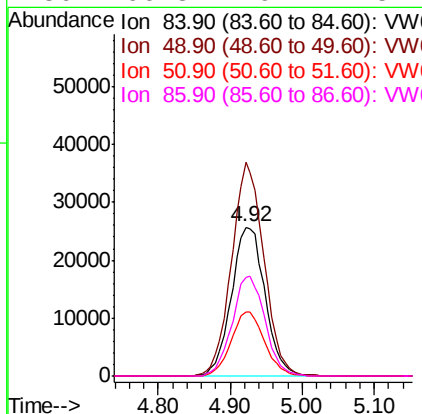
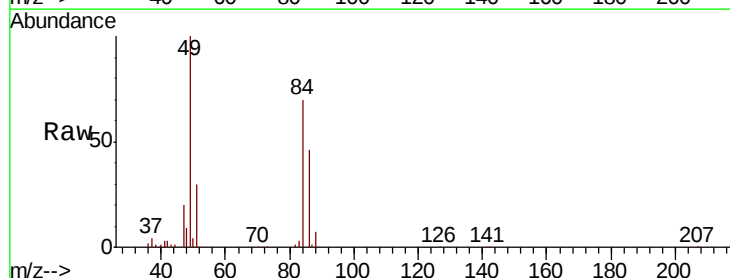
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

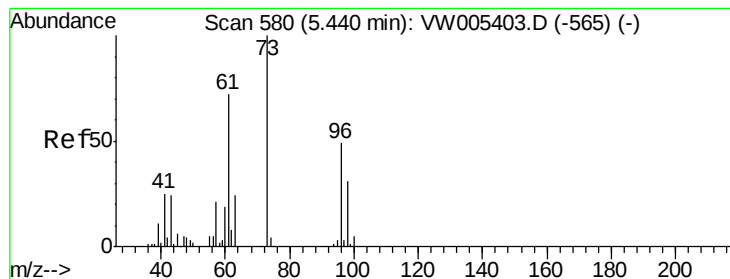
Tgt Ion: 73 Resp: 137402
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0



#20
Methylene Chloride
Concen: 24.931 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 84 Resp: 83429
Ion Ratio Lower Upper
84 100
49 143.8 99.3 148.9
51 42.7 31.1 46.7
86 66.3 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 22.398 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

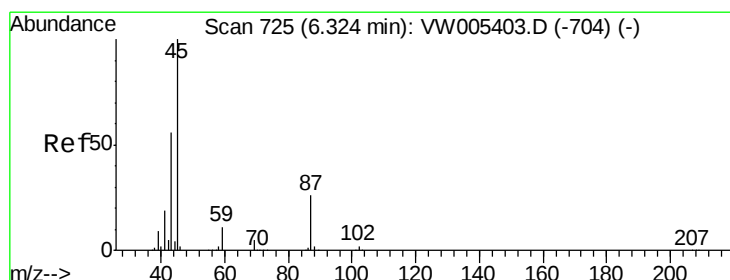
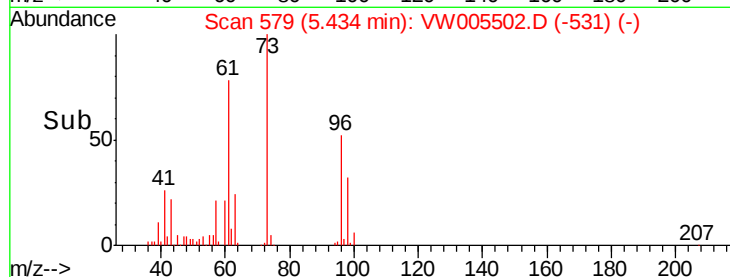
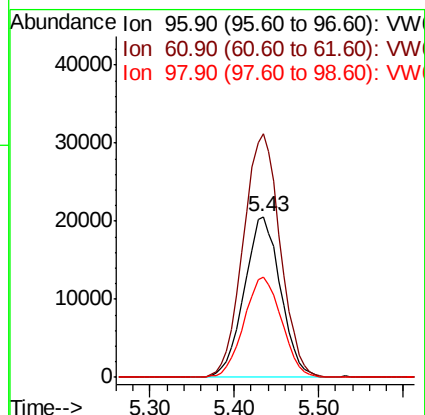
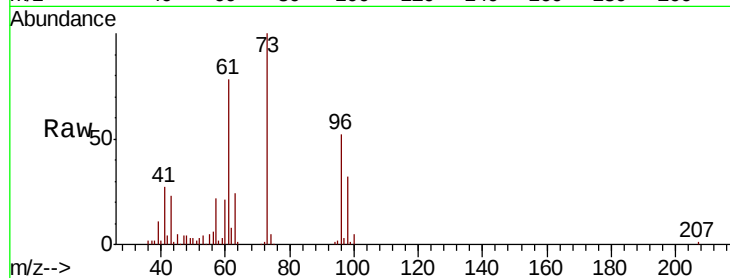
Tgt Ion: 96 Resp: 60289

Ion Ratio Lower Upper

96 100

61 151.4 116.7 175.1

98 62.0 51.0 76.6



#22

Diisopropyl ether

Concen: 25.721 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion: 45 Resp: 212061

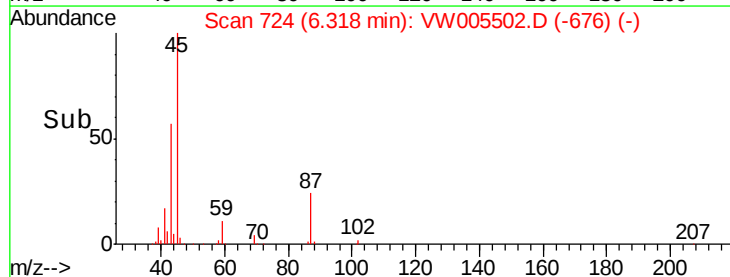
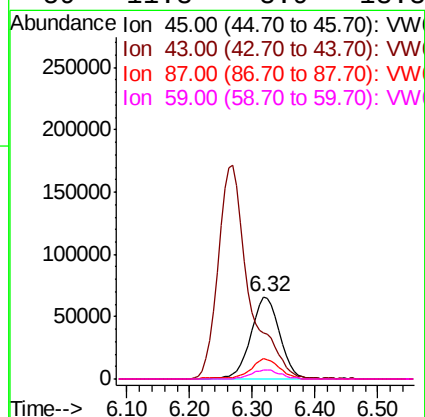
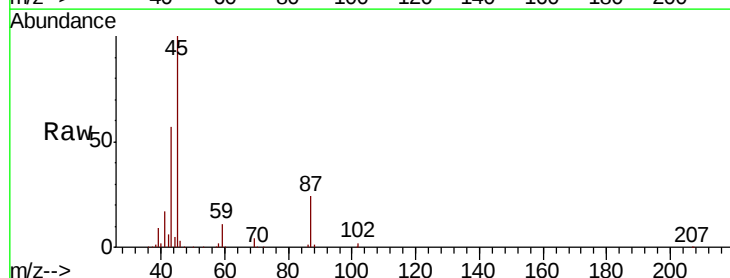
Ion Ratio Lower Upper

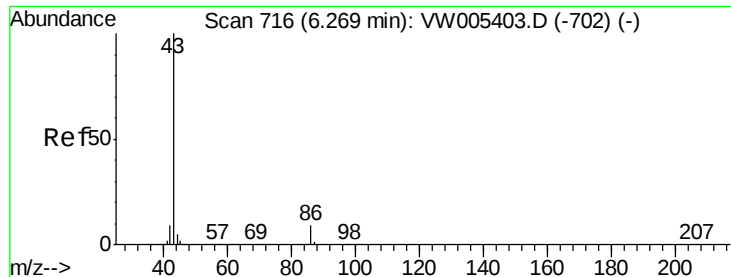
45 100

43 56.2 44.6 67.0

87 24.0 20.6 31.0

59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 124.053 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

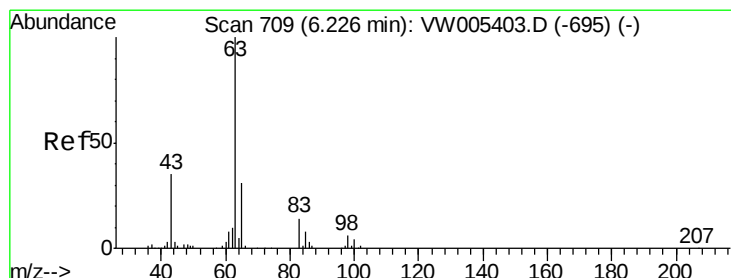
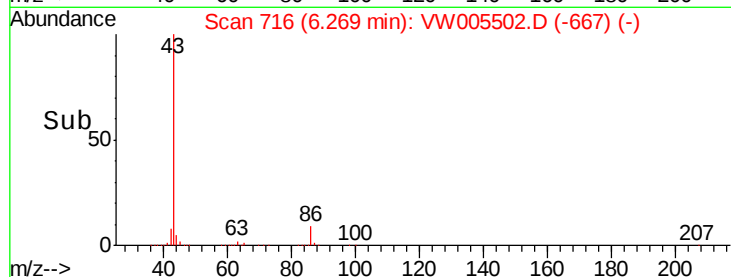
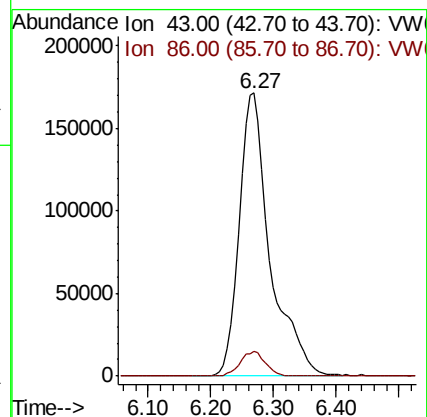
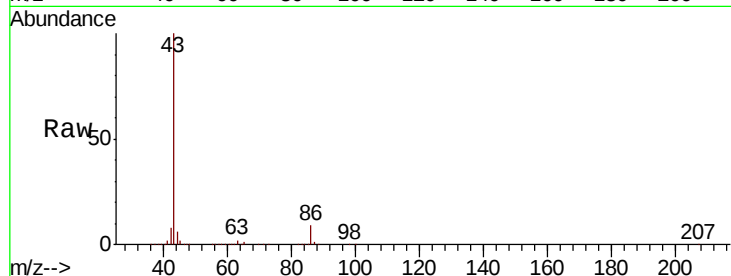
VW0918SBS02

Tgt Ion: 43 Resp: 582797

Ion Ratio Lower Upper

43 100

86 8.9 7.5 11.3



#24

1,1-Dichloroethane

Concen: 22.890 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

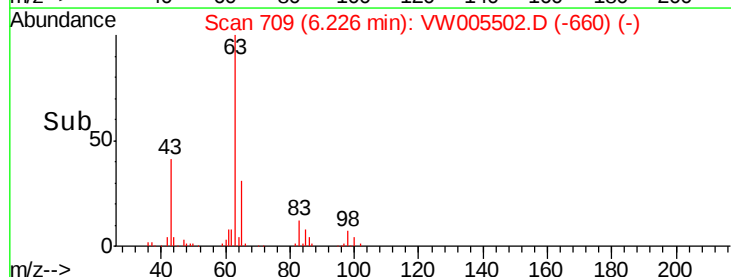
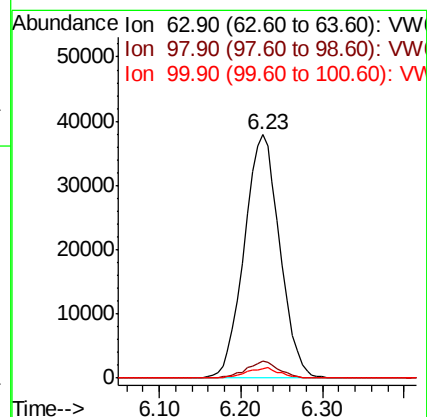
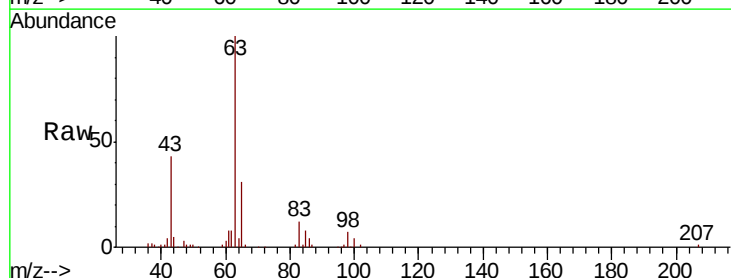
Tgt Ion: 63 Resp: 114524

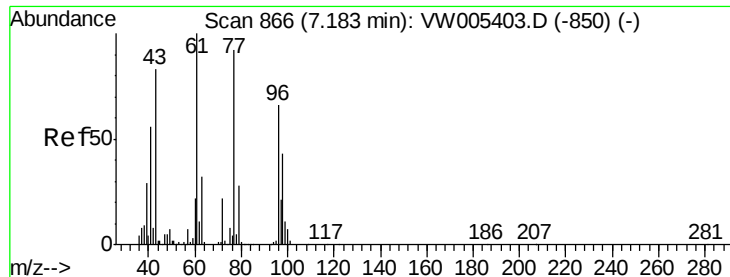
Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 3.9 2.3 6.8





#25

2-Butanone

Concen: 126.774 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

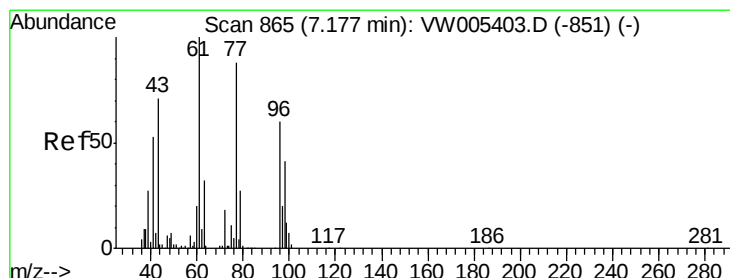
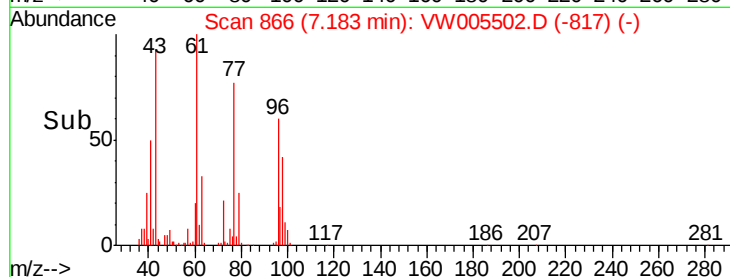
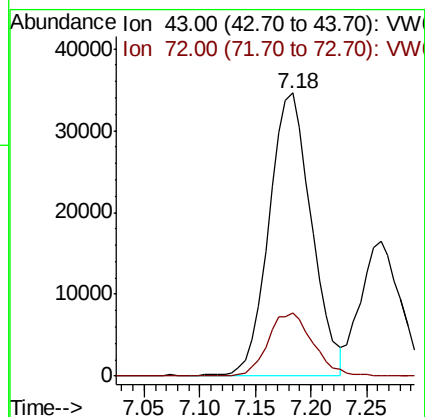
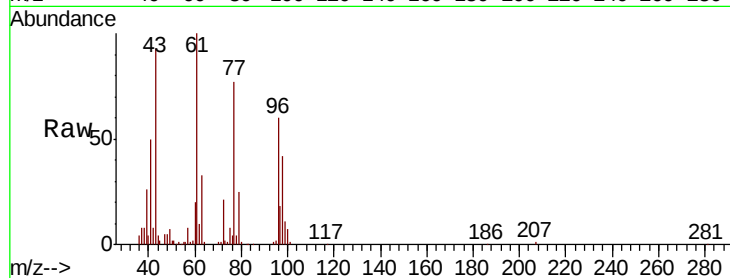
VW0918SBS02

Tgt Ion: 43 Resp: 92219

Ion Ratio Lower Upper

43 100

72 22.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 19.784 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005502.D

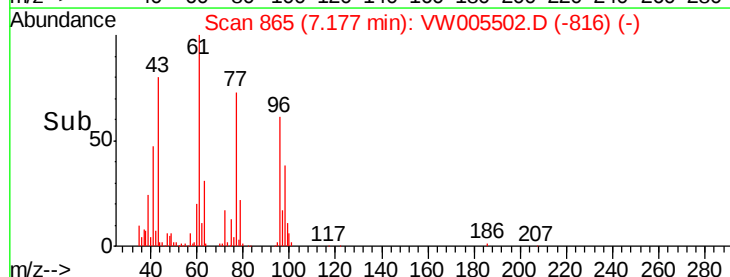
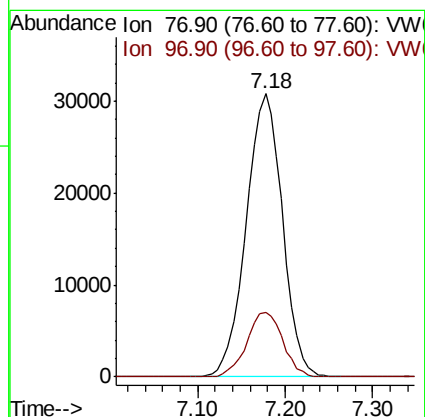
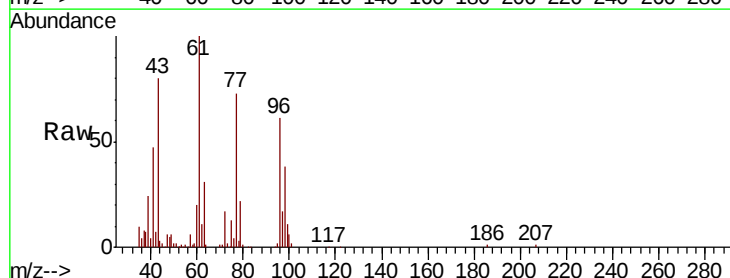
Acq: 19 Sep 2018 03:14

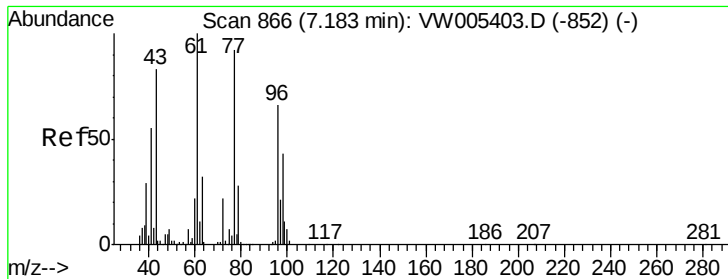
Tgt Ion: 77 Resp: 88789

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1



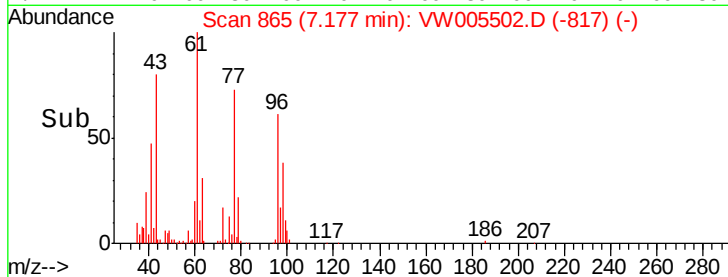
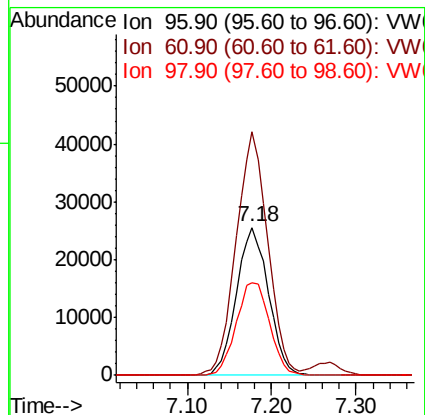
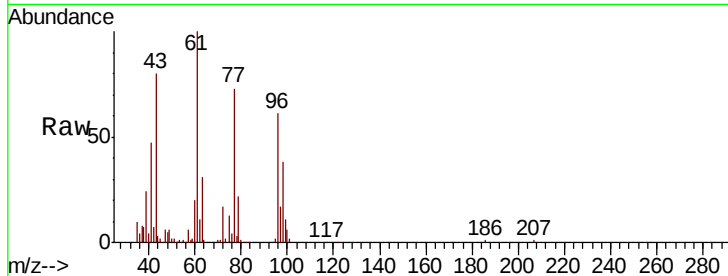


#27

cis-1,2-Dichloroethene
 Concen: 22.402 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0918SBS02

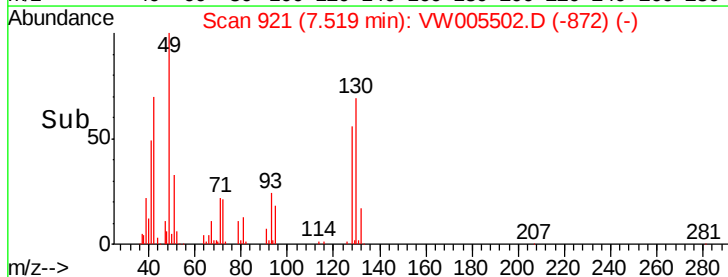
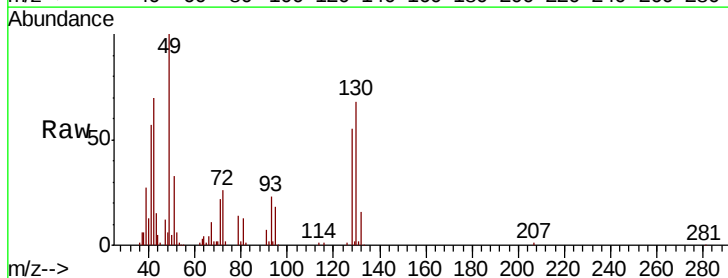
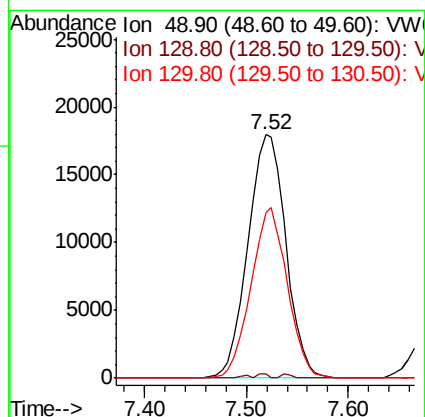
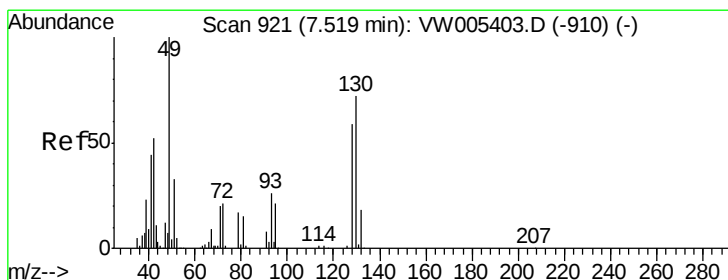
Tgt Ion: 96 Resp: 65595
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 316.0
 98 65.1 0.0 130.8

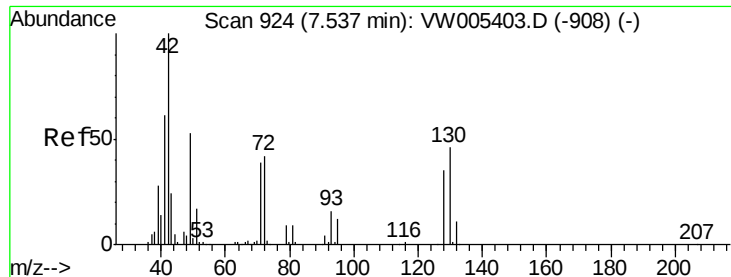


#28

Bromochloromethane
 Concen: 23.845 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 49 Resp: 46402
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.0
 130 67.0 61.4 92.2

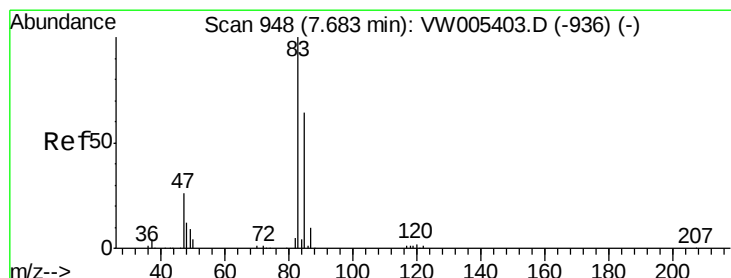
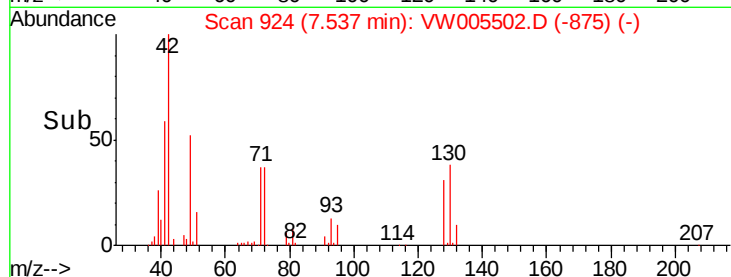
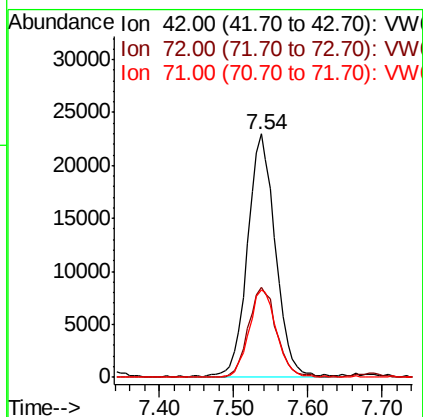
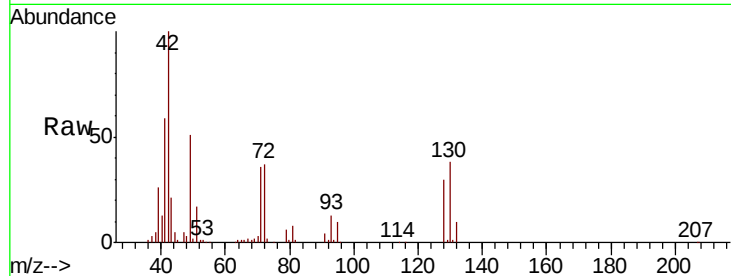




#29
Tetrahydrofuran
Concen: 131.187 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

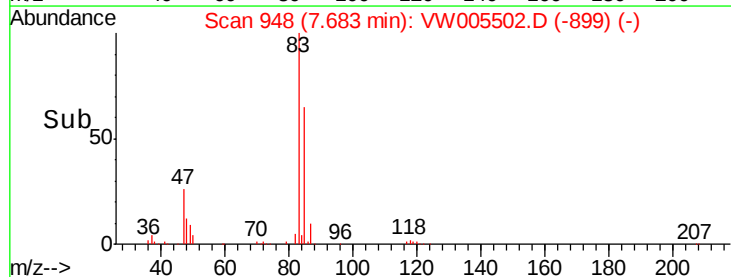
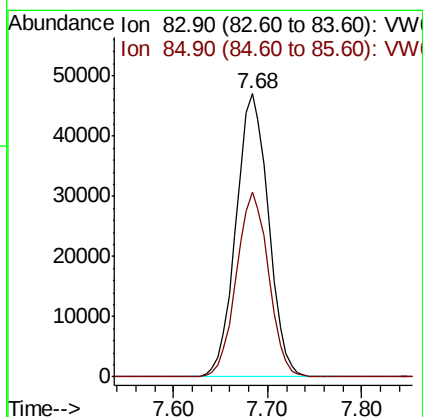
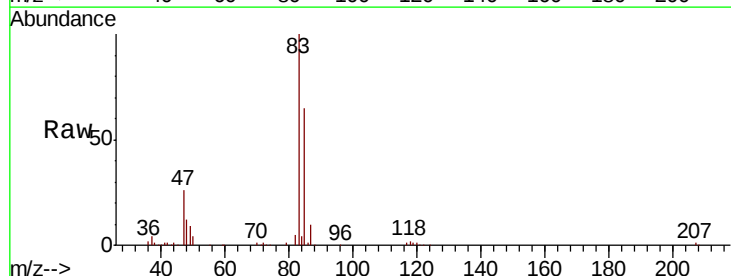
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

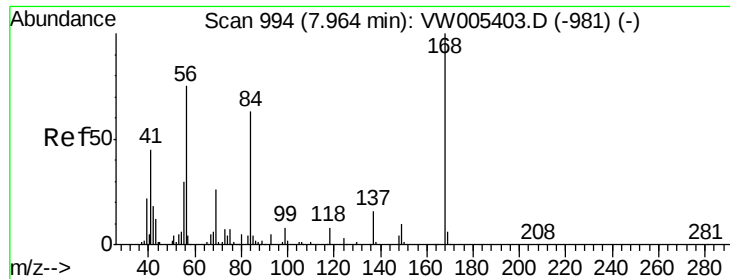
Tgt Ion: 42 Resp: 60794
Ion Ratio Lower Upper
42 100
72 37.0 33.2 49.8
71 35.4 31.0 46.6



#30
Chloroform
Concen: 21.886 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 83 Resp: 113391
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3

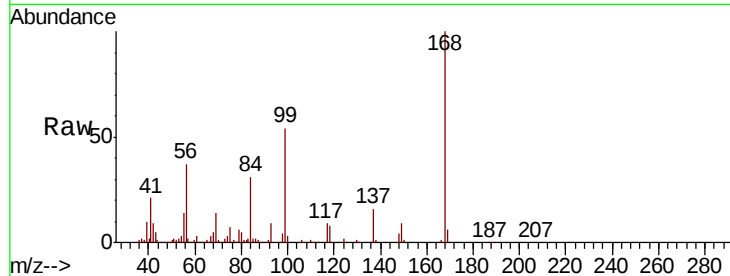




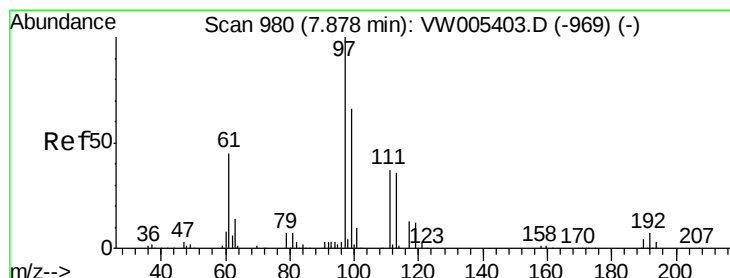
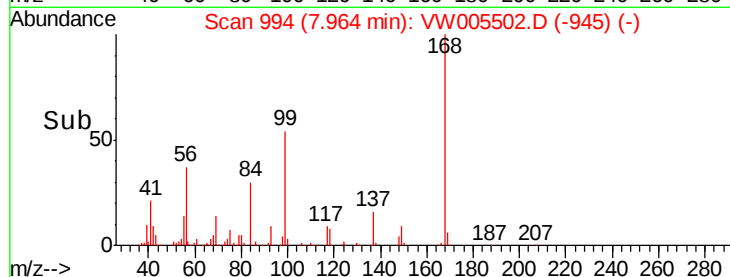
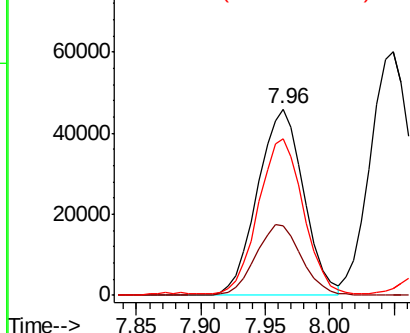
#31
Cyclohexane
Concen: 23.662 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tgt Ion: 56 Resp: 114206
Ion Ratio Lower Upper
56 100
69 37.5 27.2 40.8
84 83.0 66.7 100.1

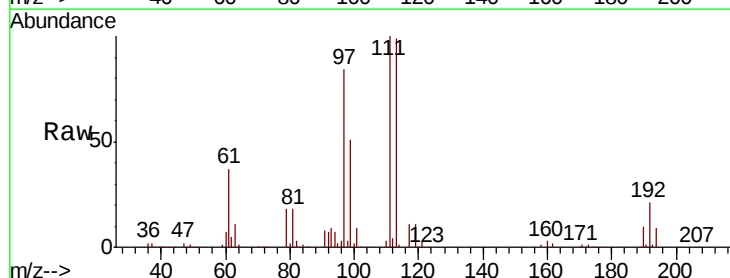


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

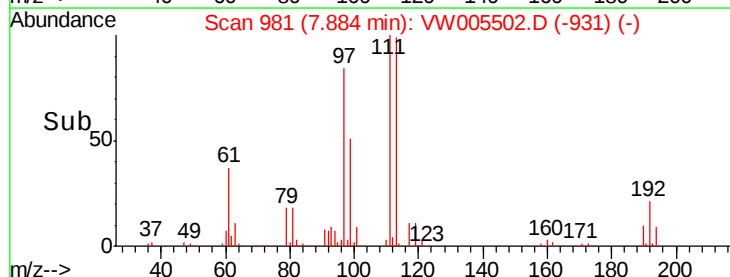
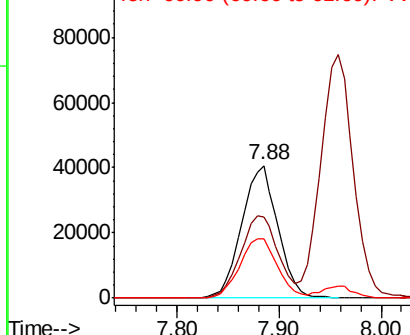


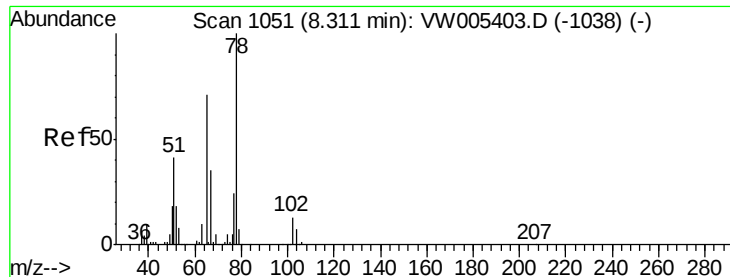
#32
1,1,1-Trichloroethane
Concen: 20.675 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 97 Resp: 99602
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 46.9 35.8 53.6



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: 51.139 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

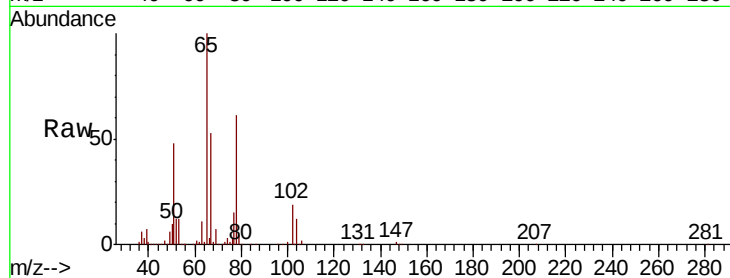
VW0918SBS02

Tgt Ion: 65 Resp: 154644

Ion Ratio Lower Upper

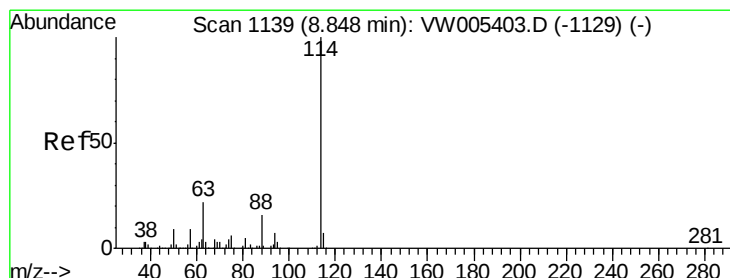
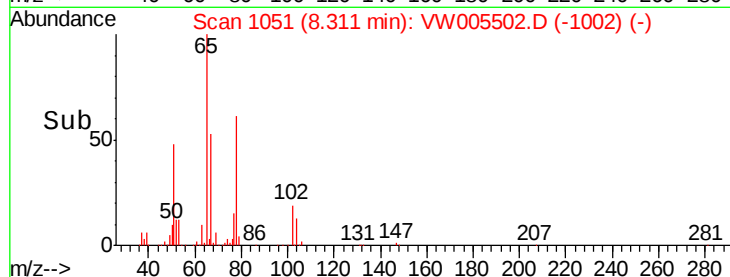
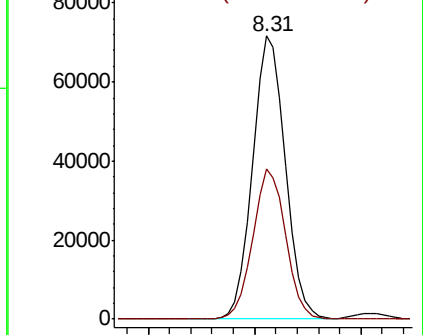
65 100

67 53.1 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

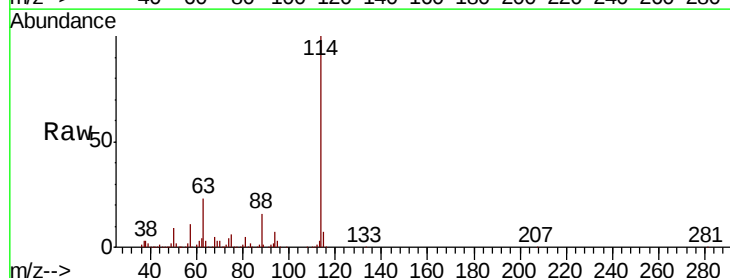
Tgt Ion: 114 Resp: 454516

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

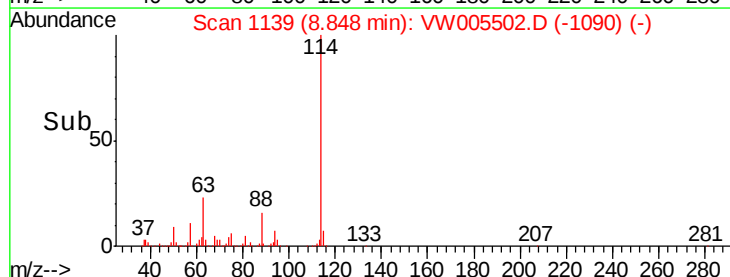
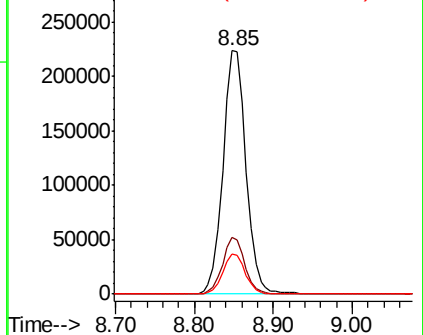
88 16.3 0.0 31.8

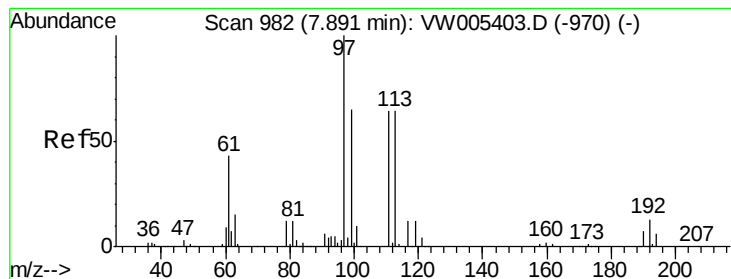


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.339 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

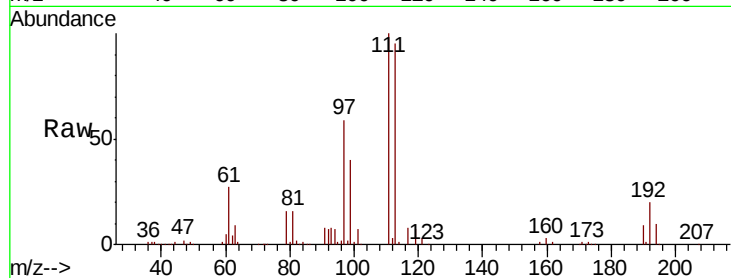
Tgt Ion:113 Resp: 125736

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

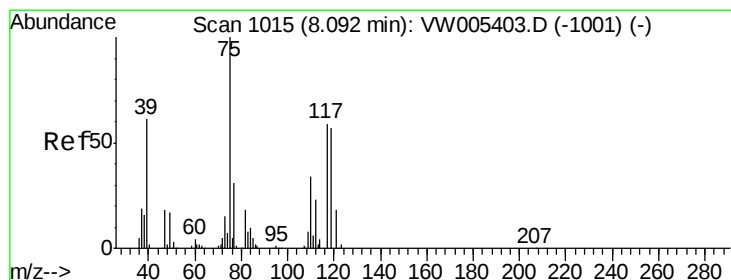
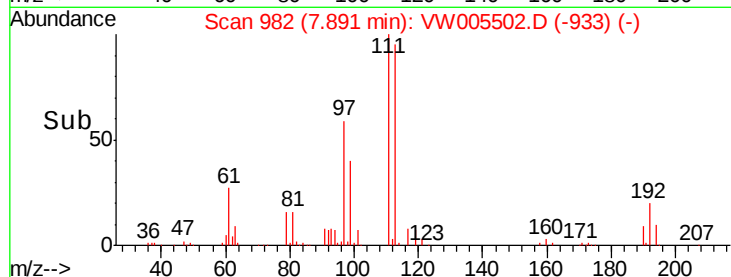
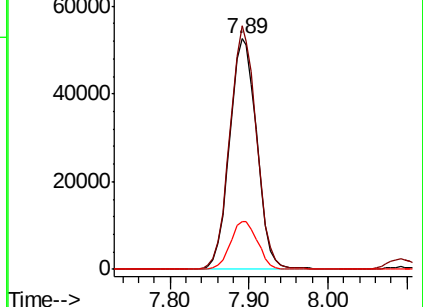
192 20.7 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.725 ug/l

RT: 8.09 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

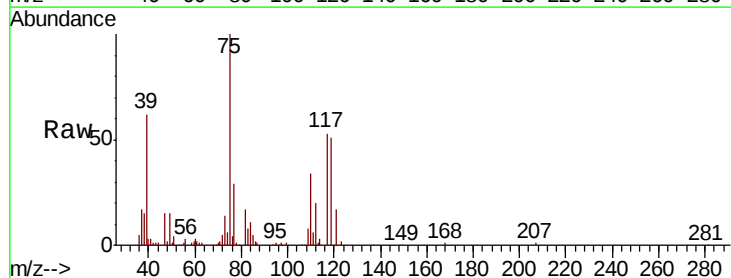
Tgt Ion: 75 Resp: 93449

Ion Ratio Lower Upper

75 100

110 33.1 16.8 50.4

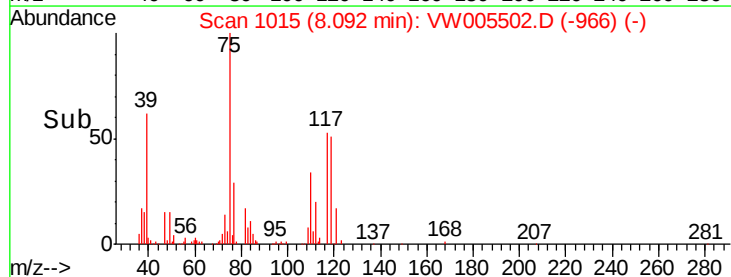
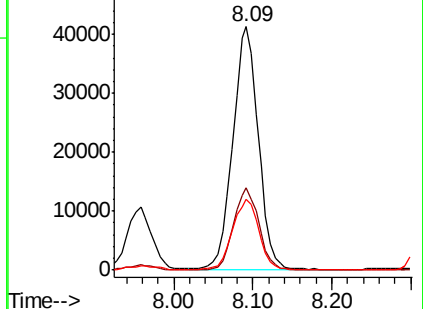
77 30.1 24.2 36.4

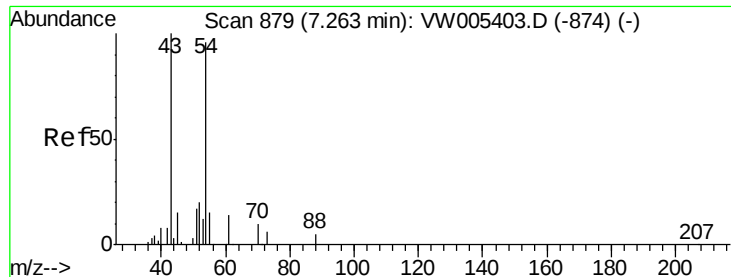


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

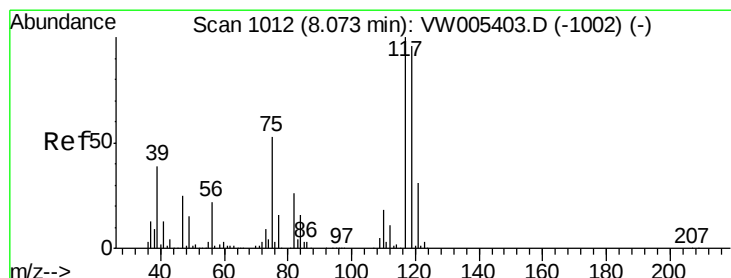
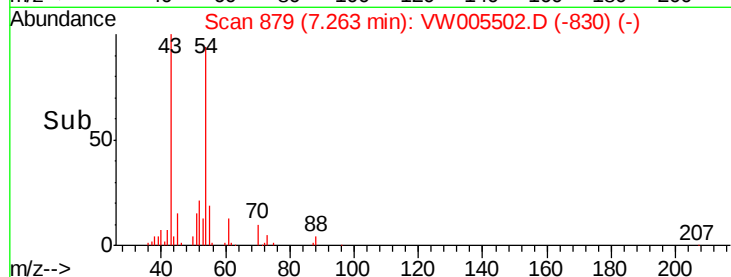
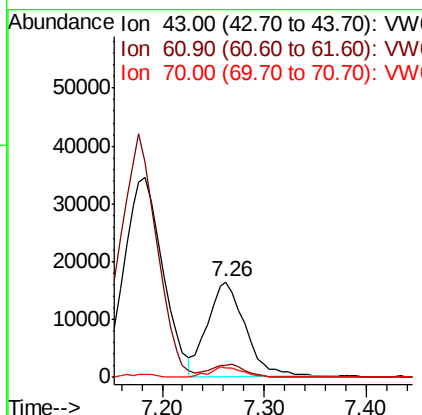
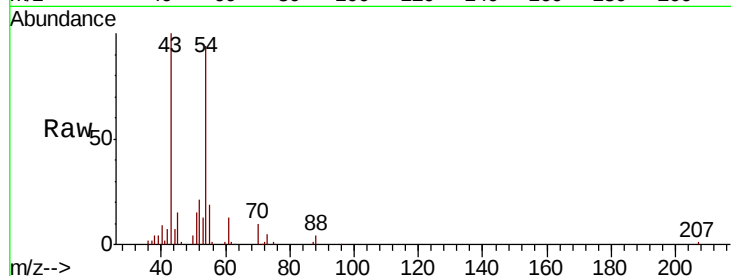




#37
 Ethyl Acetate
 Concen: 24.317 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

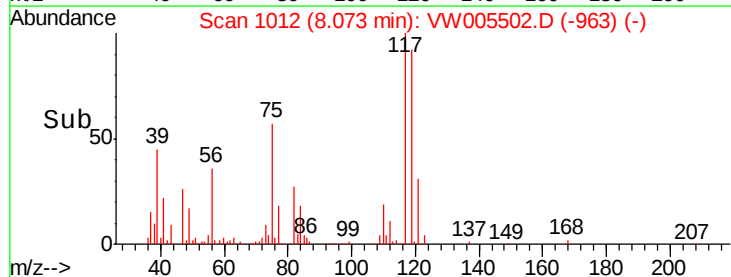
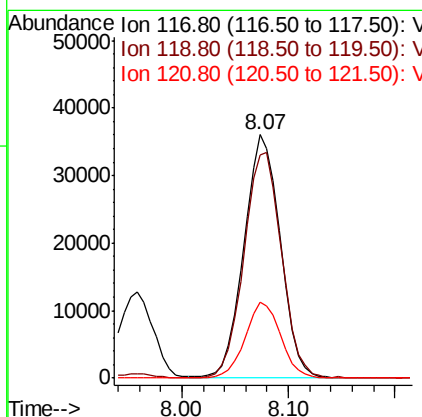
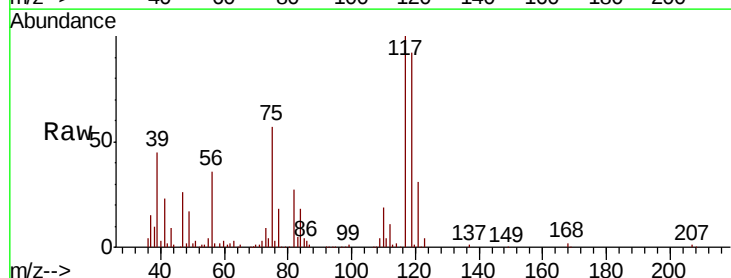
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

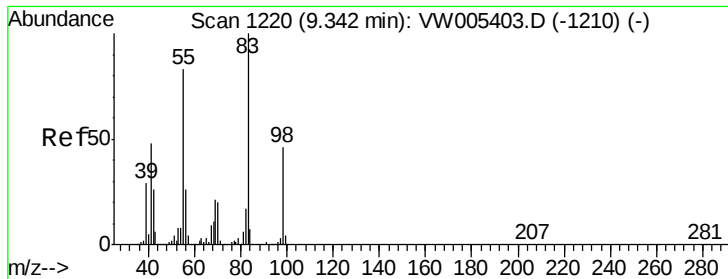
Tgt Ion: 43 Resp: 42537
 Ion Ratio Lower Upper
 43 100
 61 13.0 11.3 16.9
 70 9.6 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 19.171 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 117 Resp: 85930
 Ion Ratio Lower Upper
 117 100
 119 92.1 76.8 115.2
 121 31.4 24.7 37.1

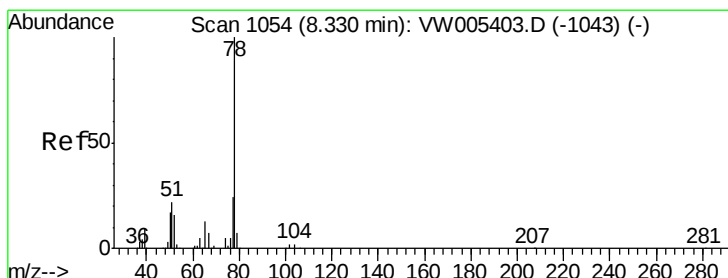
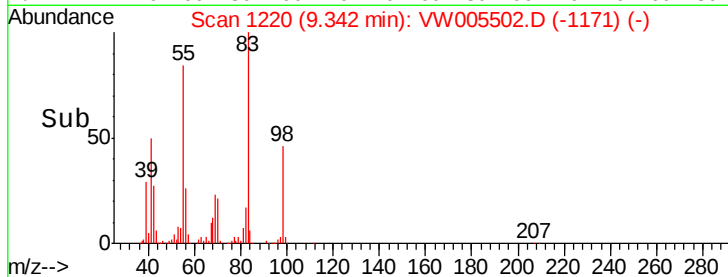
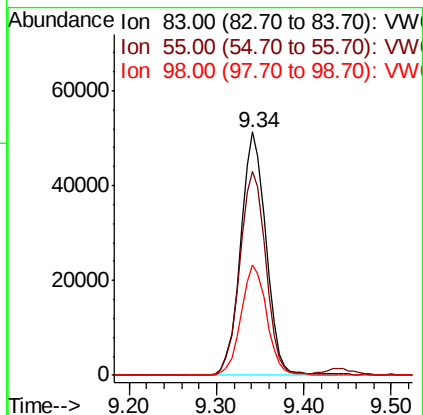
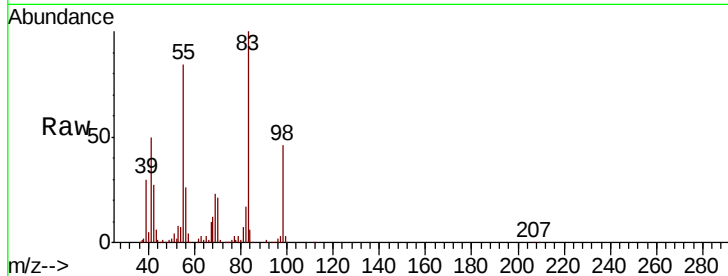




#39
Methylcyclohexane
Concen: 20.759 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

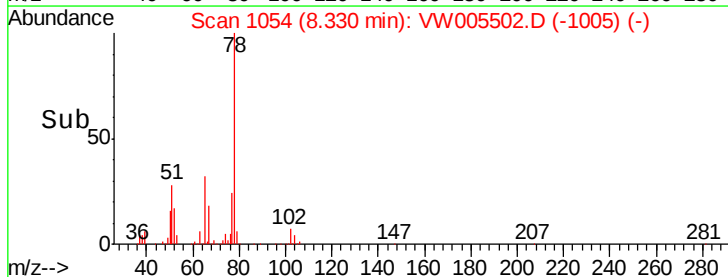
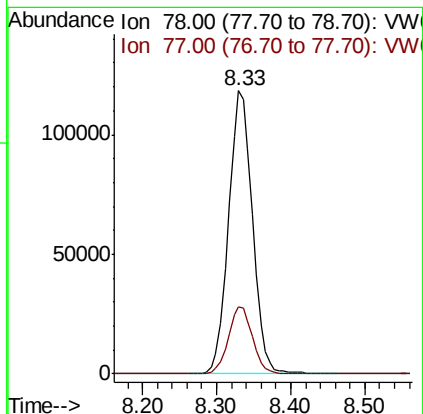
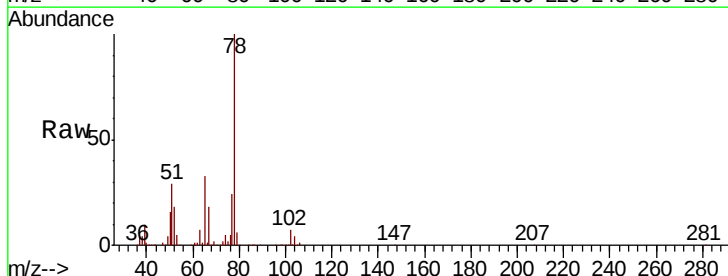
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

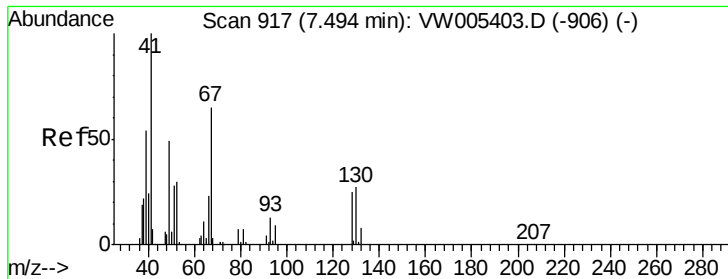
Tgt Ion: 83 Resp: 103757
Ion Ratio Lower Upper
83 100
55 83.7 66.1 99.1
98 45.6 36.7 55.1



#40
Benzene
Concen: 21.314 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 78 Resp: 265582
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

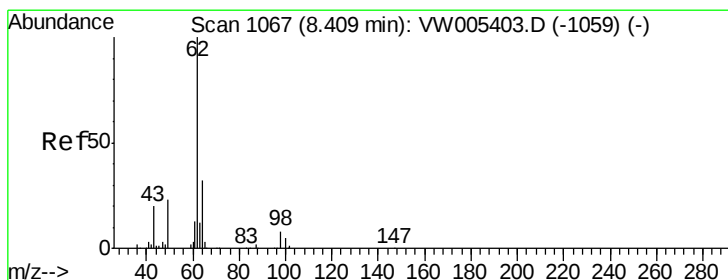
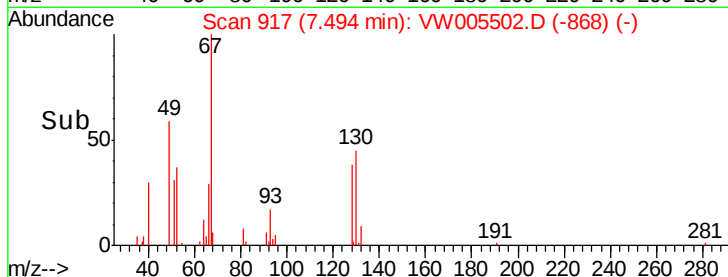
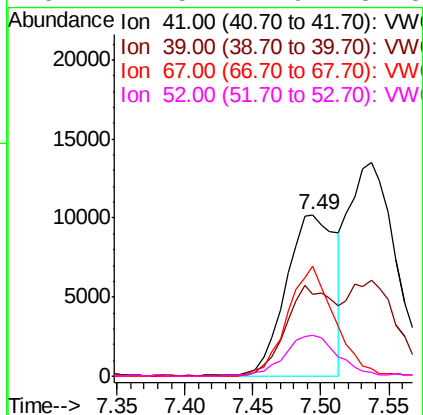
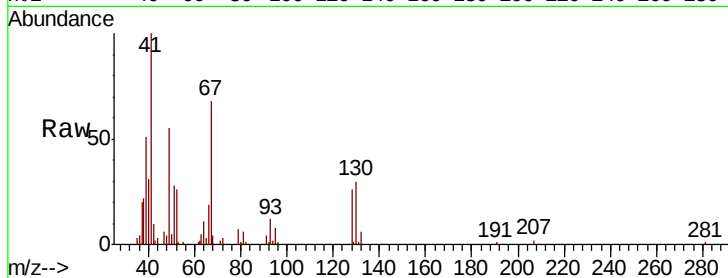




#41
Methacrylonitrile
Concen: 24.925 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

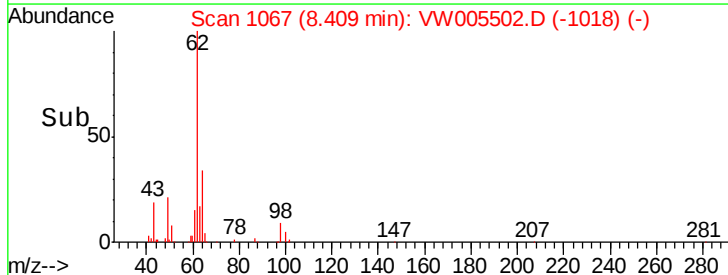
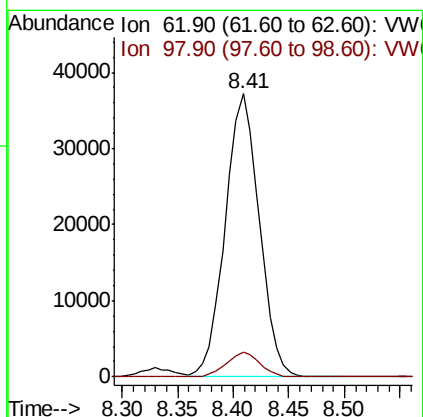
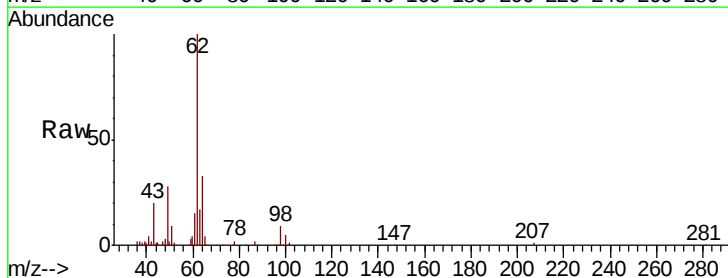
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

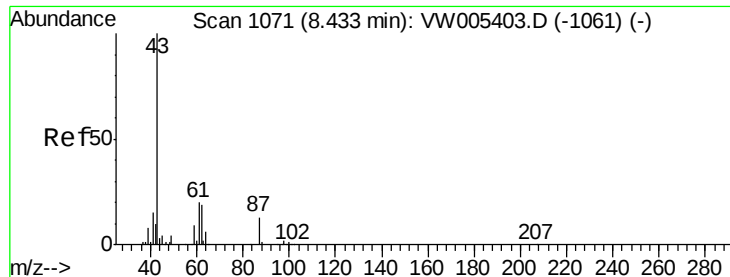
Tgt Ion:	41	Resp:	26305
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.6	67.0
67	64.4	53.6	80.4
52	27.5	24.9	37.3



#42
1,2-Dichloroethane
Concen: 20.234 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion:	62	Resp:	78916
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.6





#43

Isopropyl Acetate

Concen: 22.972 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

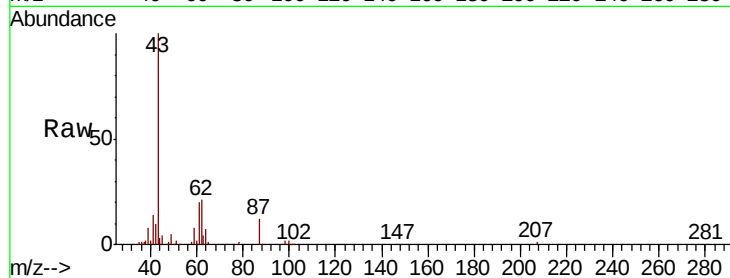
Tgt Ion: 43 Resp: 78421

Ion Ratio Lower Upper

43 100

61 29.2 23.8 35.6

87 11.6 10.1 15.1

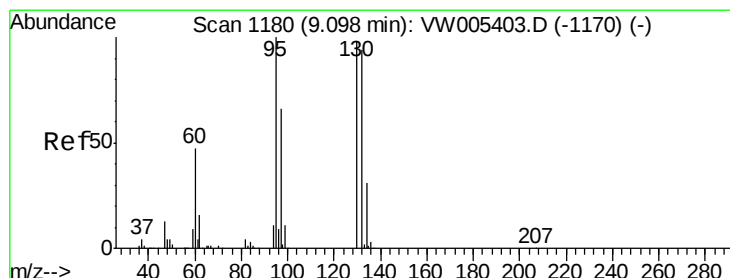
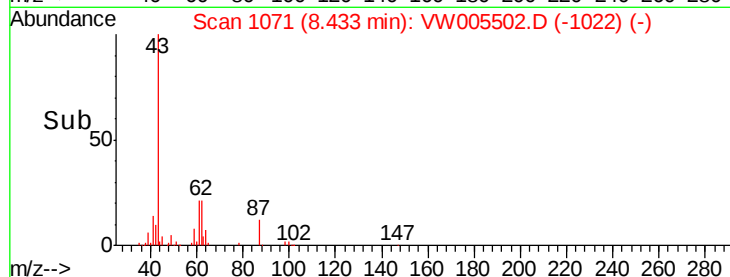
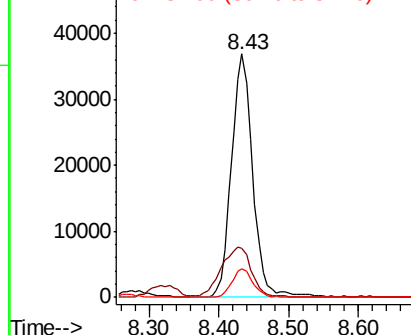


Abundance

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: 20.471 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005502.D

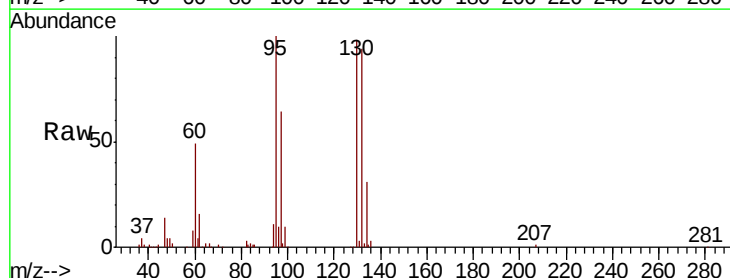
Acq: 19 Sep 2018 03:14

Tgt Ion: 130 Resp: 65653

Ion Ratio Lower Upper

130 100

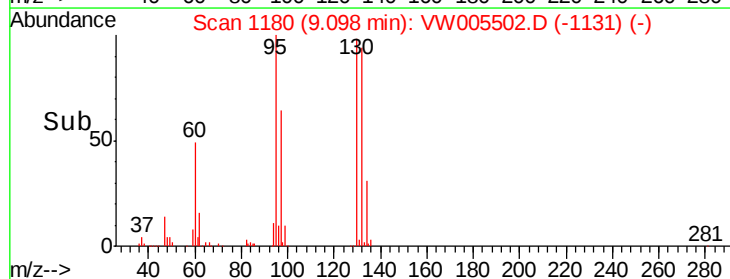
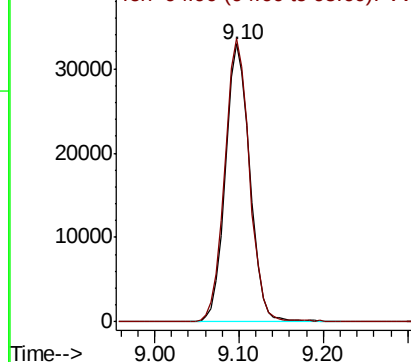
95 101.9 0.0 204.6

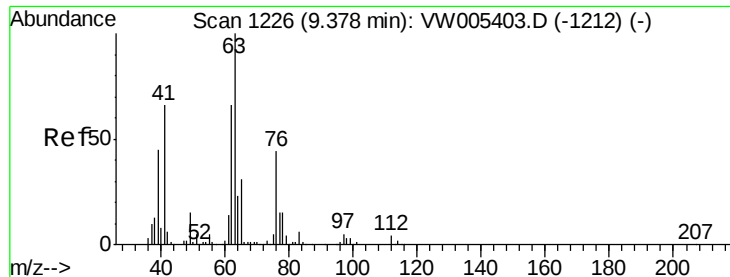


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 23.537 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

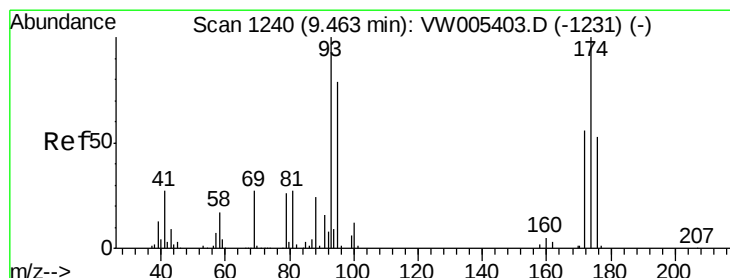
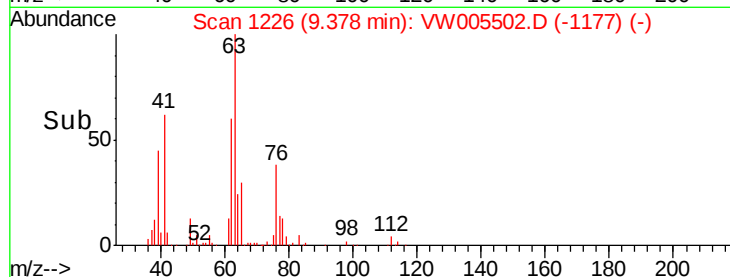
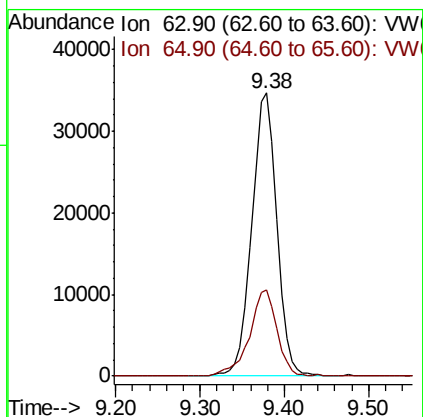
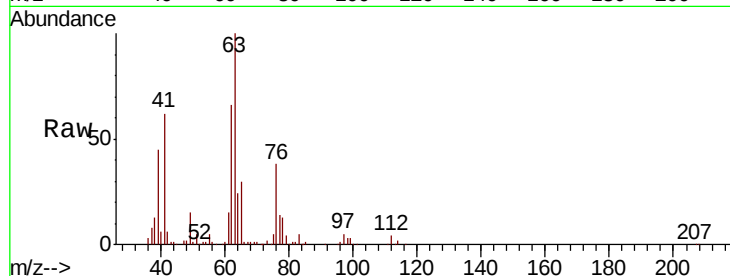
VW0918SBS02

Tgt Ion: 63 Resp: 70071

Ion Ratio Lower Upper

63 100

65 30.5 25.0 37.6



#46

Dibromomethane

Concen: 21.222 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

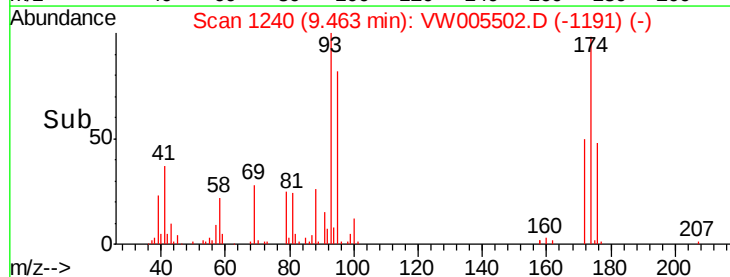
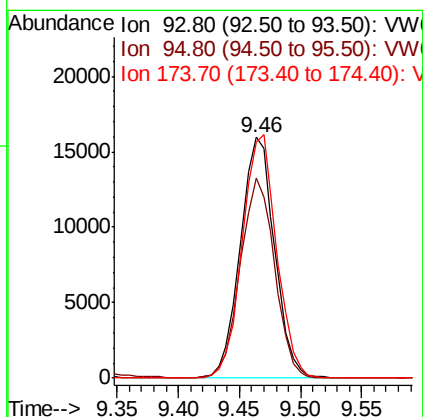
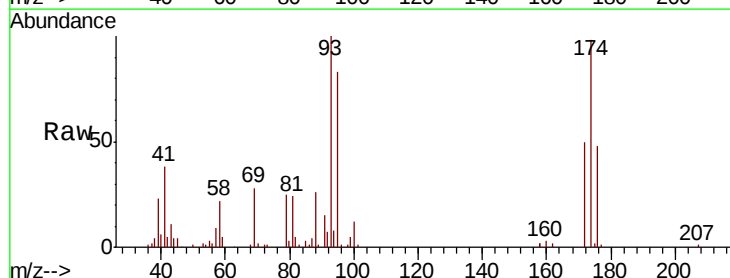
Tgt Ion: 93 Resp: 31079

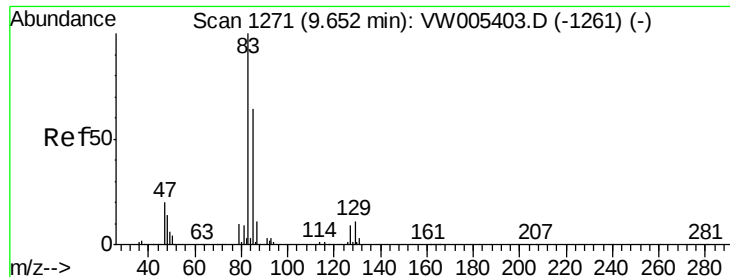
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

174 101.3 83.4 125.2





#47

Bromodichloromethane

Concen: 21.208 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

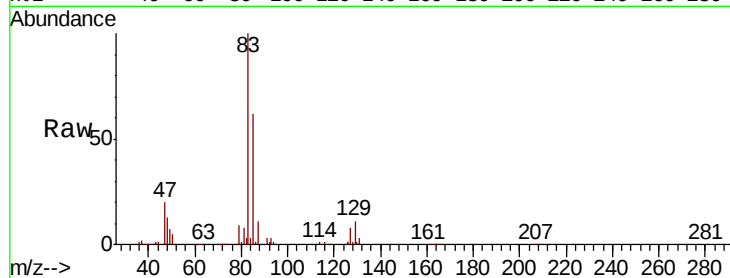
Tgt Ion: 83 Resp: 84152

Ion Ratio Lower Upper

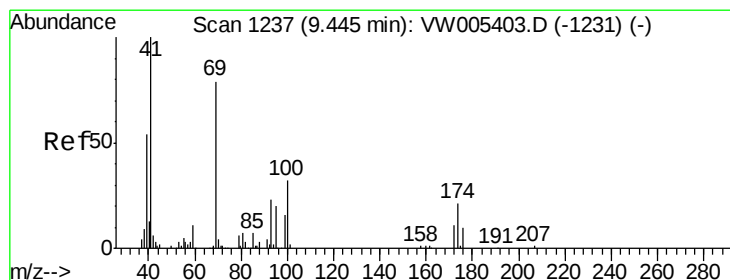
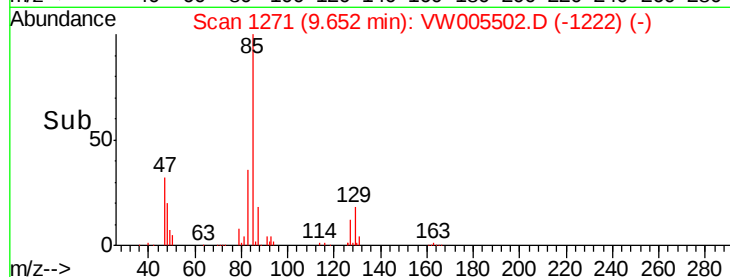
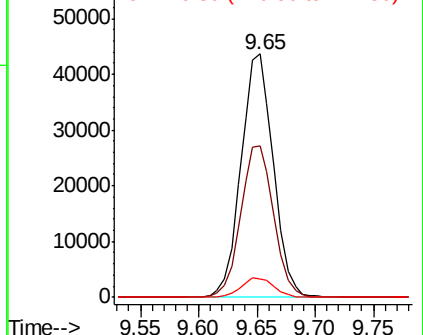
83 100

85 62.2 50.9 76.3

127 7.7 7.0 10.4



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: 22.030 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

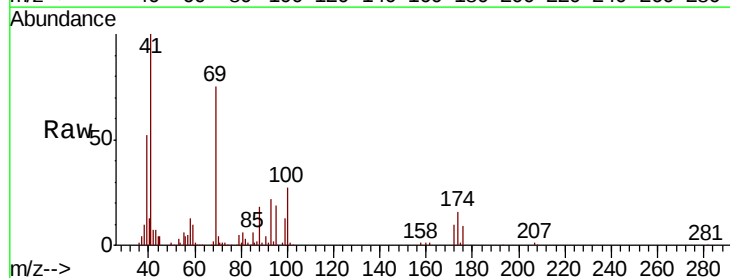
Tgt Ion: 41 Resp: 37532

Ion Ratio Lower Upper

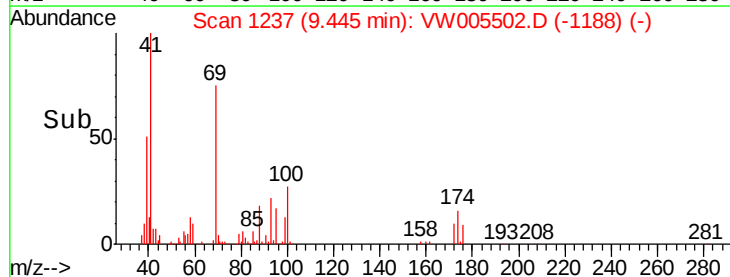
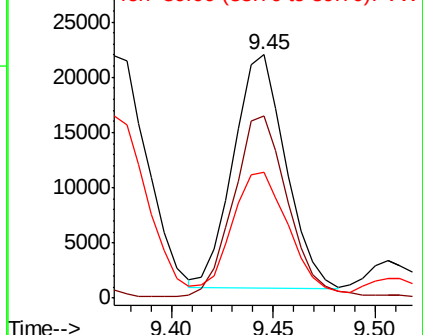
41 100

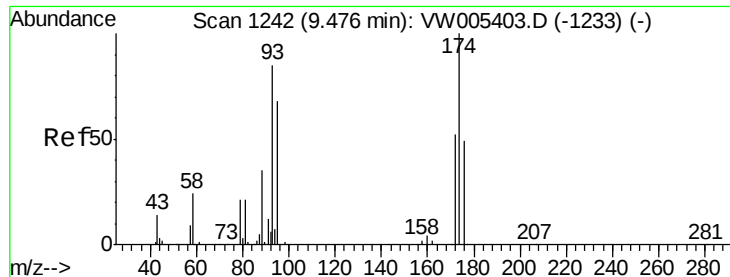
69 83.8 67.5 101.3

39 60.5 45.5 68.3



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: 449.428 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

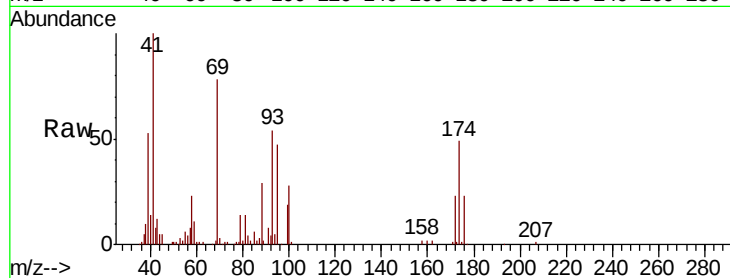
Tgt Ion: 88 Resp: 10970

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 78.1 62.4 93.6

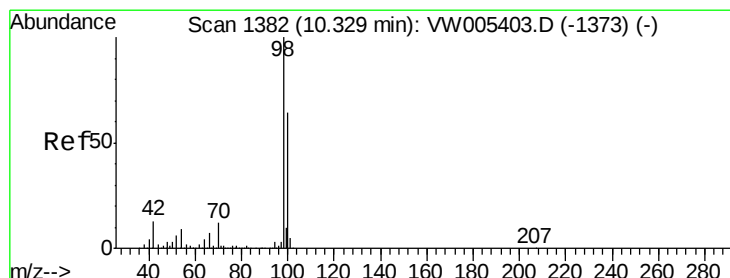
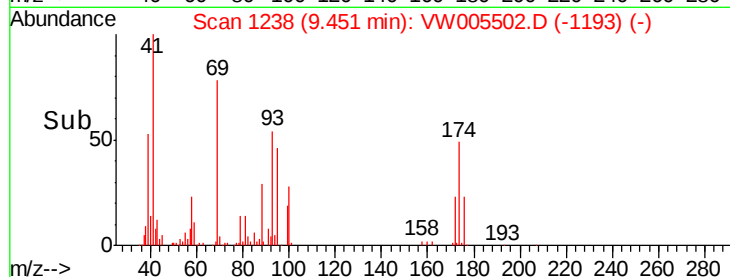
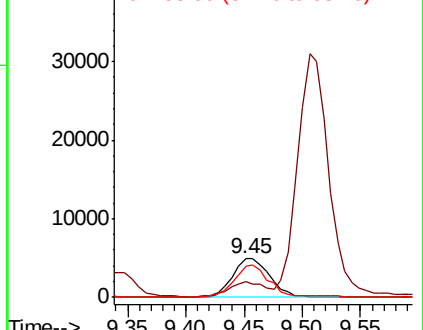


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.210 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005502.D

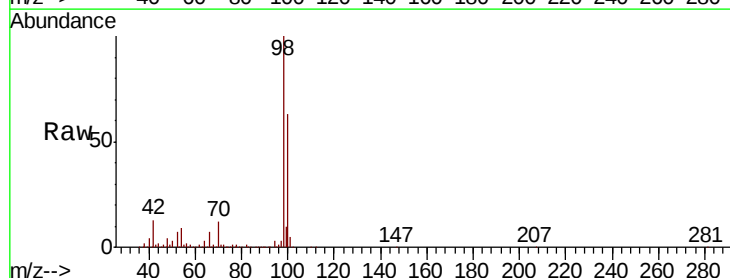
Acq: 19 Sep 2018 03:14

Tgt Ion: 98 Resp: 609325

Ion Ratio Lower Upper

98 100

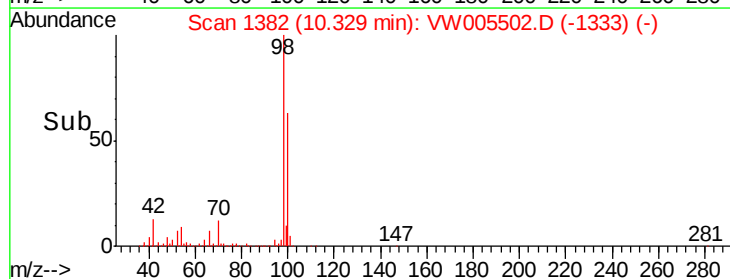
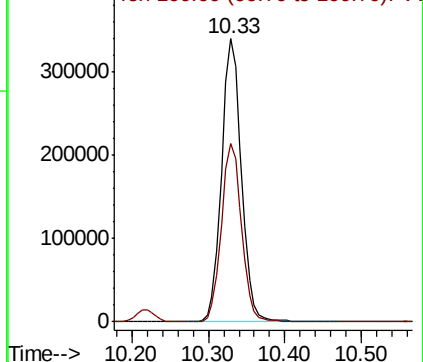
100 64.3 51.4 77.0

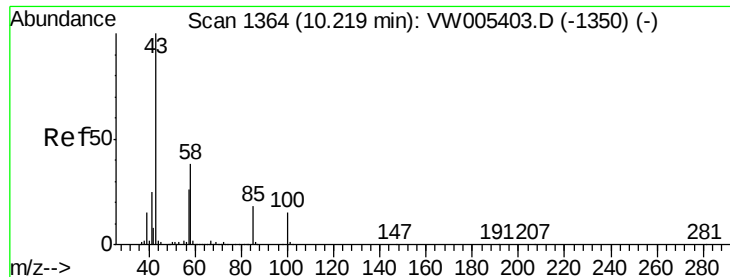


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

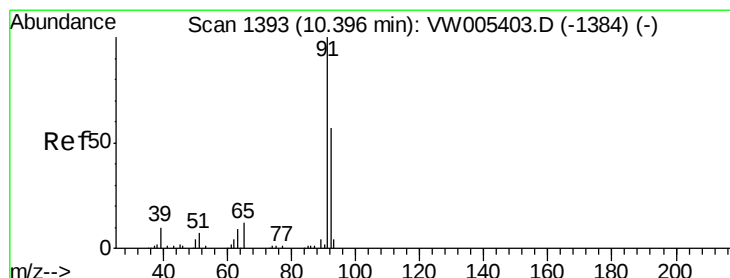
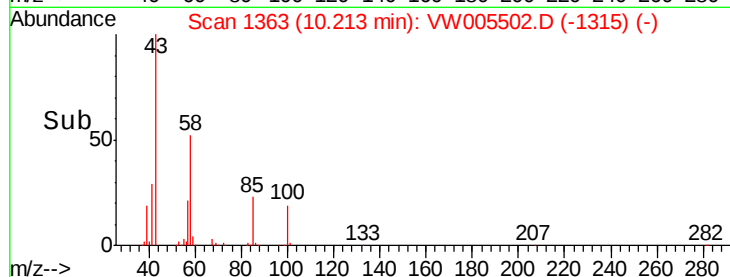
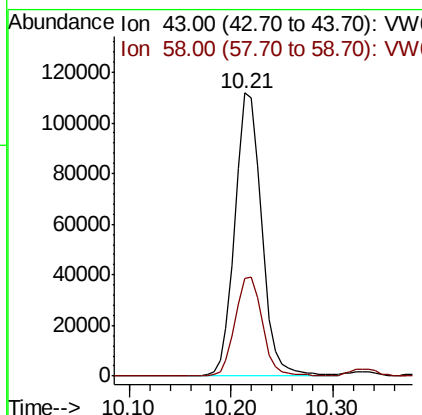
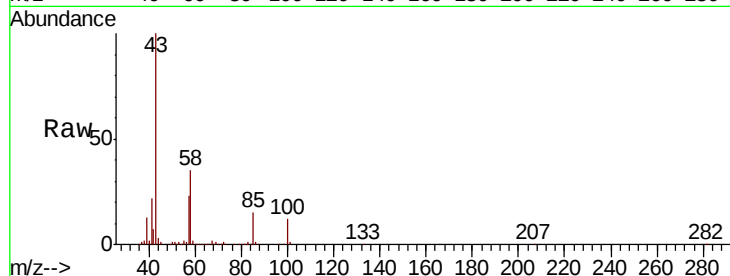




#51
 4-Methyl-2-Pentanone
 Concen: 115.162 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

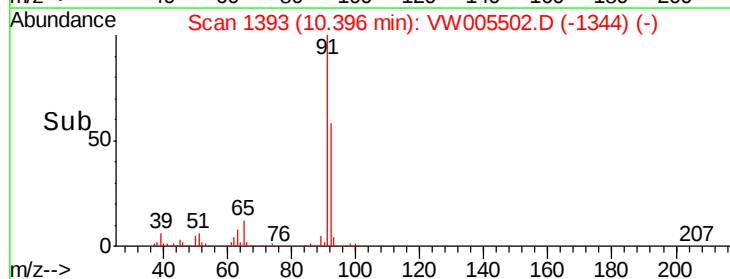
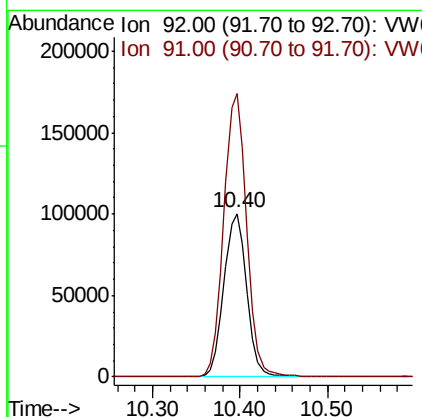
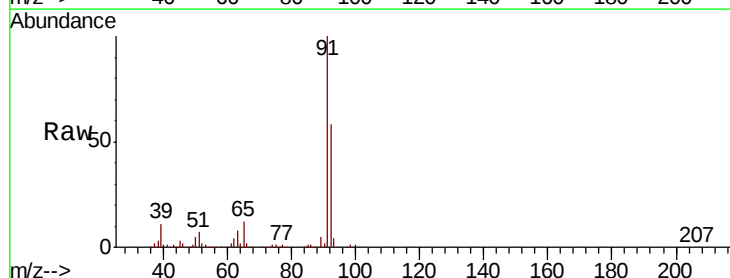
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

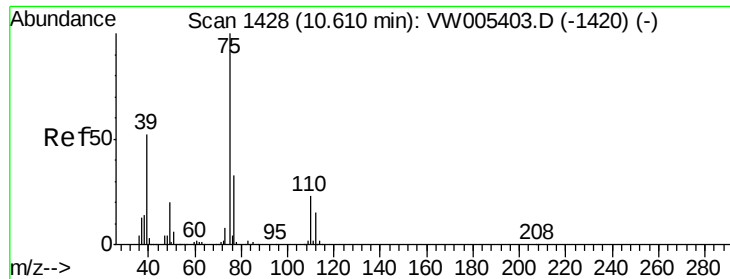
Tgt Ion: 43 Resp: 202386
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.9 44.9



#52
 Toluene
 Concen: 21.523 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 92 Resp: 181616
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 20.131 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

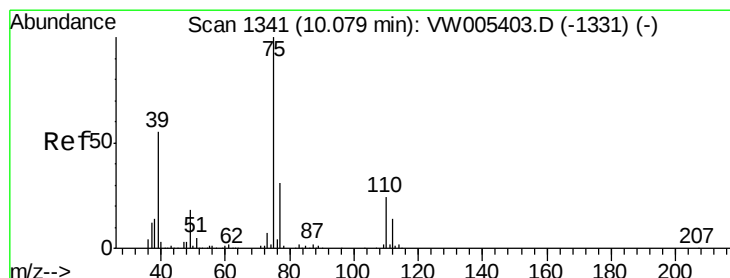
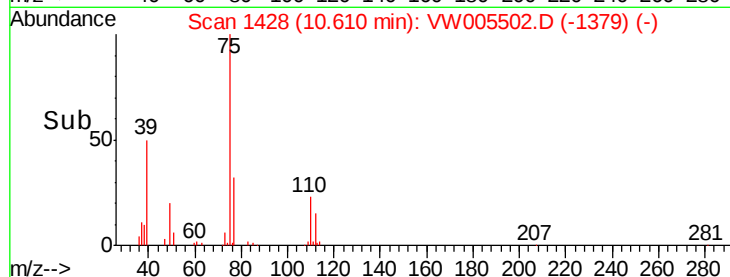
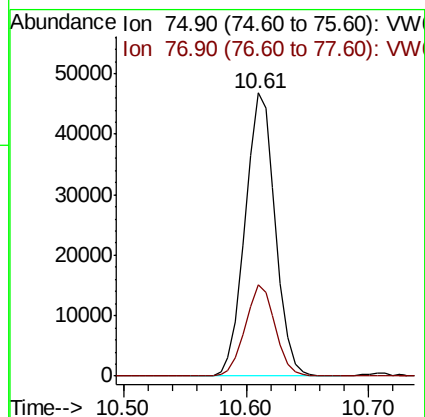
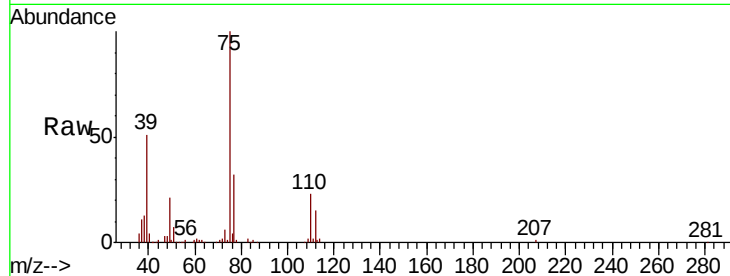
VW0918SBS02

Tgt Ion: 75 Resp: 79939

Ion Ratio Lower Upper

75 100

77 31.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 21.528 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

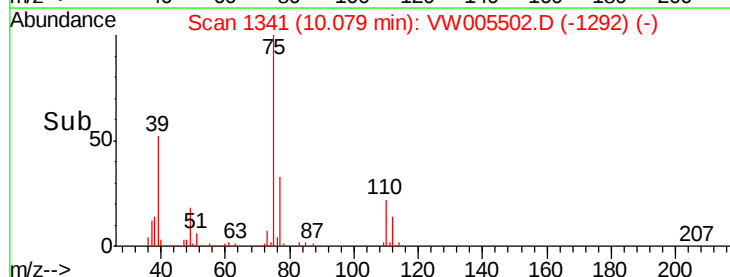
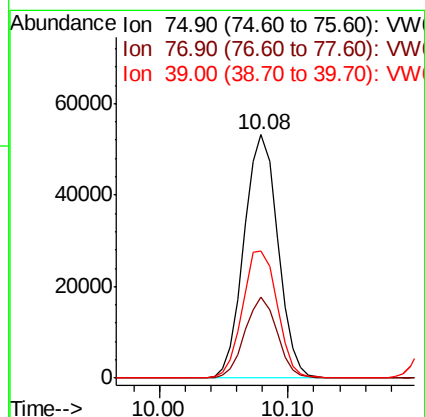
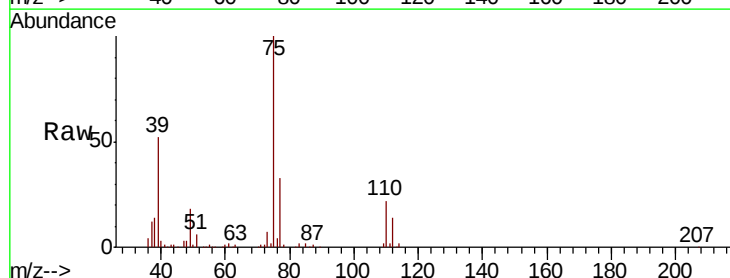
Tgt Ion: 75 Resp: 96793

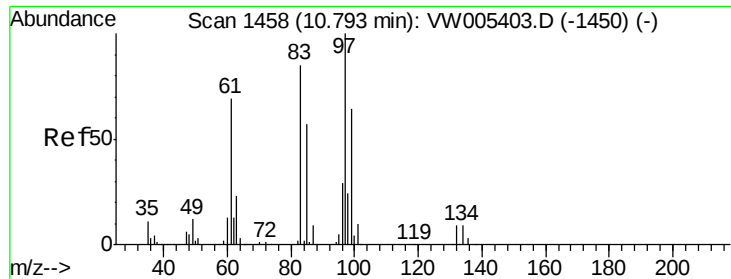
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4

39 52.2 44.2 66.2

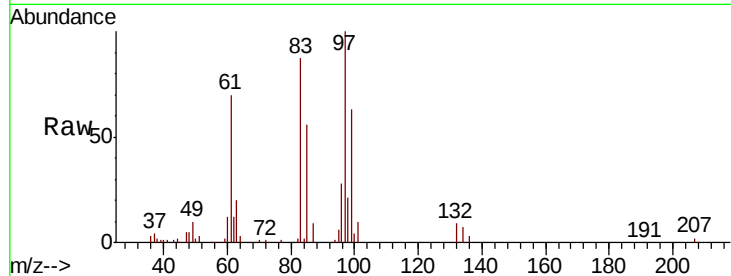




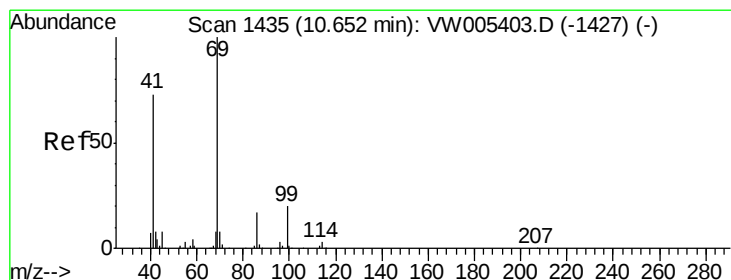
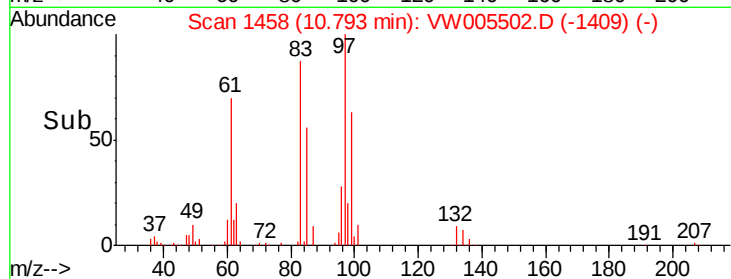
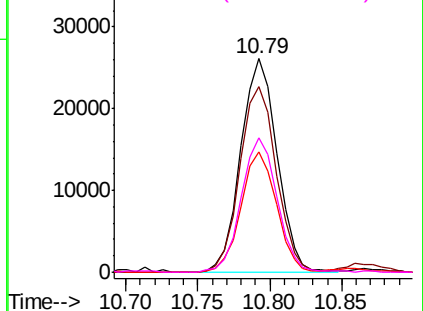
#55
 1,1,2-Trichloroethane
 Concen: 21.055 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tgt Ion:	97	Resp:	45829
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.8	101.8
85	56.2	45.4	68.0
99	63.1	51.5	77.3

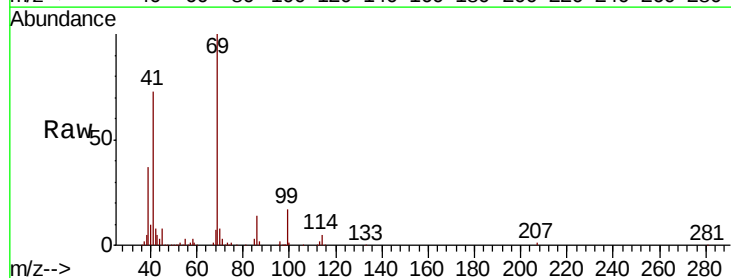


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

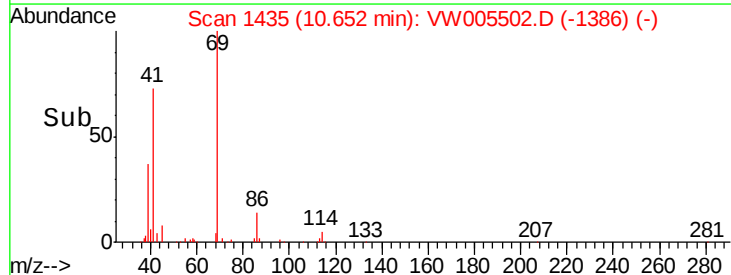
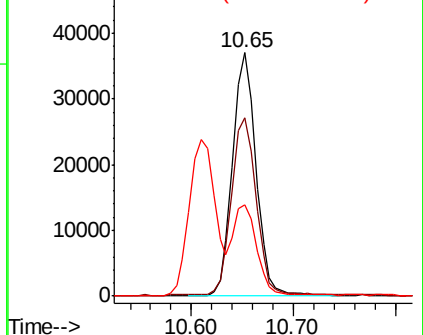


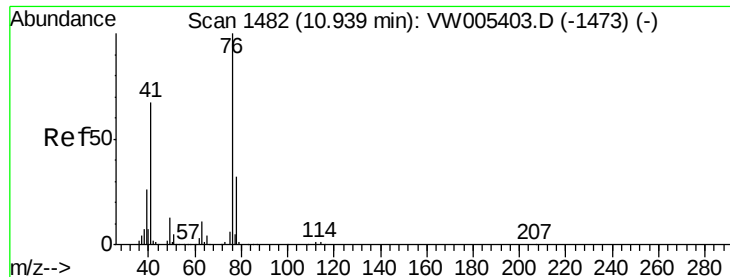
#56
 Ethyl methacrylate
 Concen: 21.509 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion:	69	Resp:	59257
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.3	88.9
39	37.3	30.2	45.4



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





#57

1,3-Dichloropropane

Concen: 21.576 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

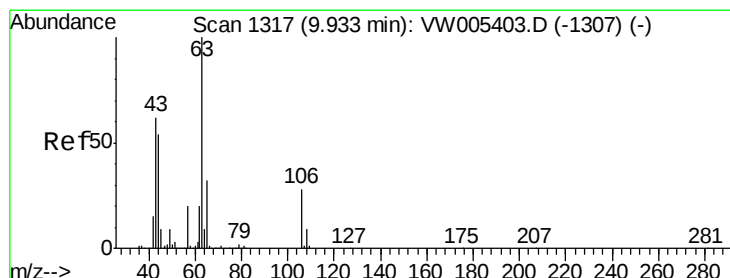
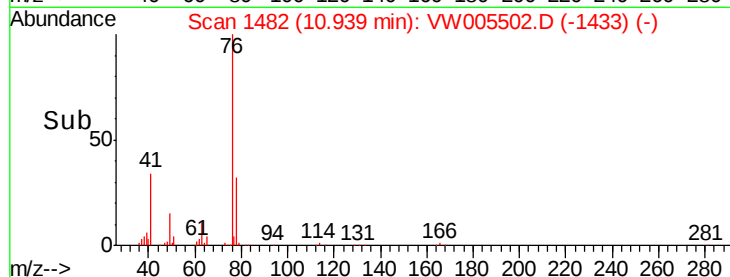
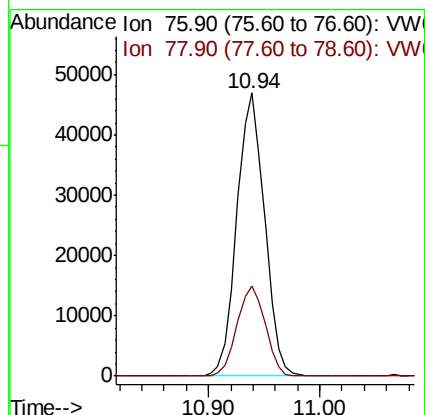
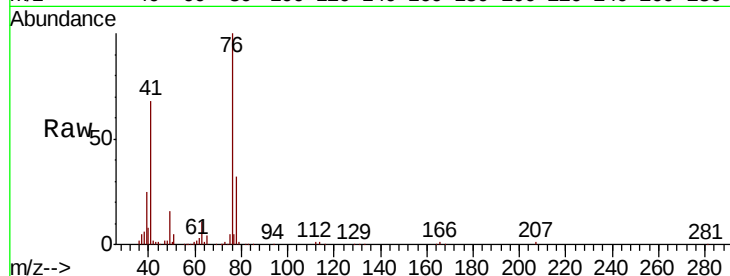
VW0918SBS02

Tgt Ion: 76 Resp: 81064

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.408 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005502.D

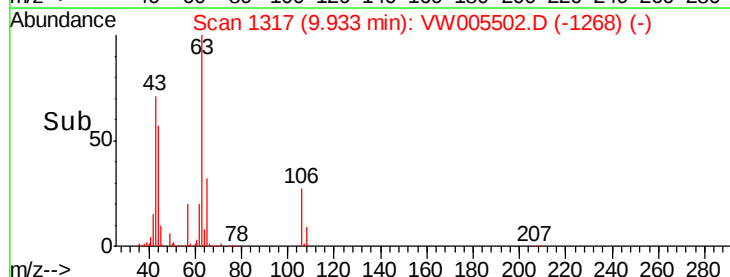
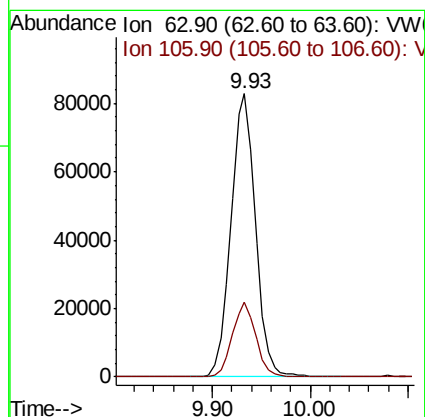
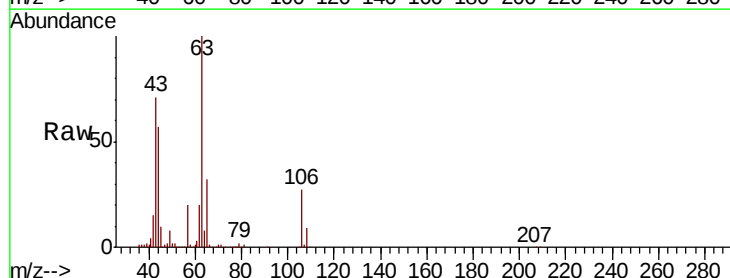
Acq: 19 Sep 2018 03:14

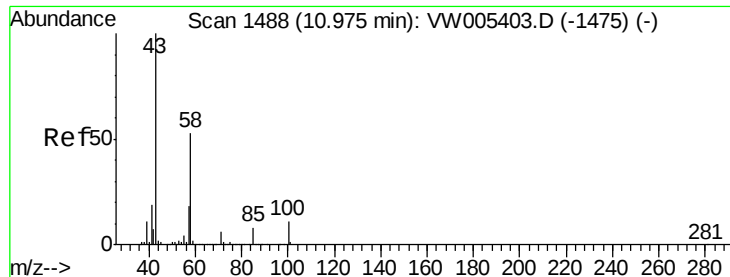
Tgt Ion: 63 Resp: 143806

Ion Ratio Lower Upper

63 100

106 25.3 22.0 33.0

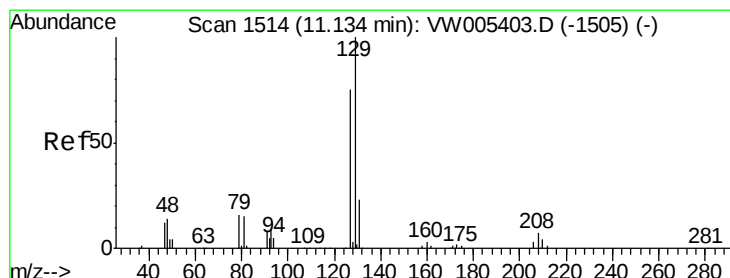
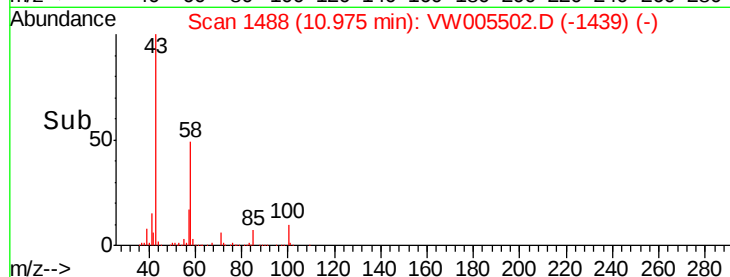
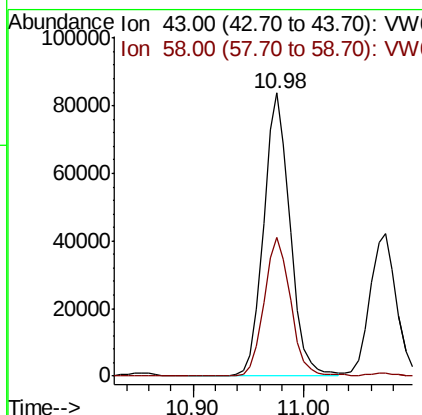
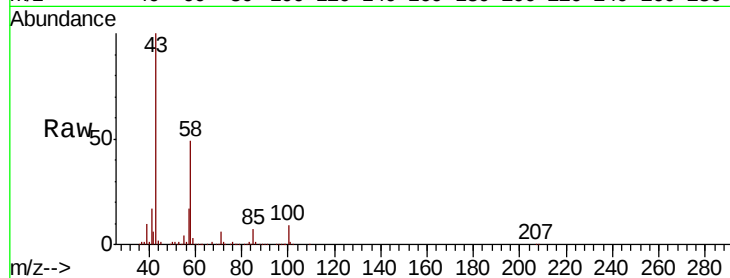




#59
2-Hexanone
Concen: 115.505 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

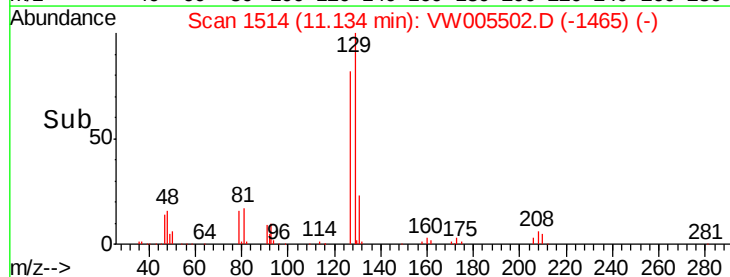
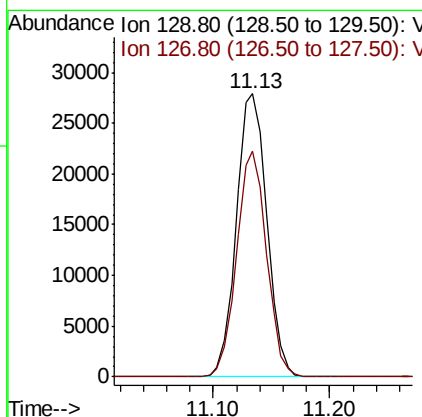
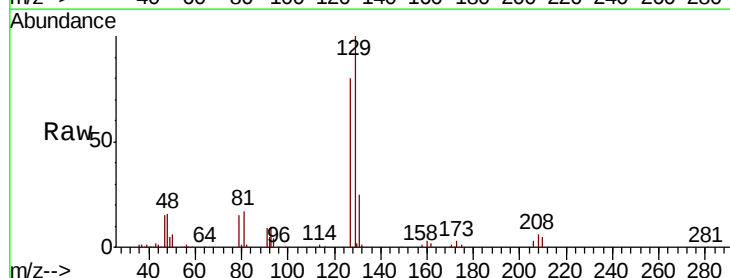
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

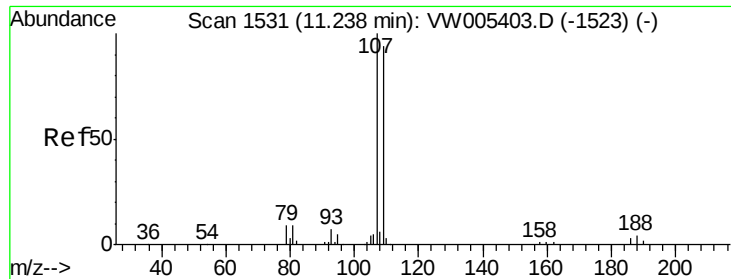
Tgt Ion: 43 Resp: 138269
Ion Ratio Lower Upper
43 100
58 49.5 25.5 76.5



#60
Dibromochloromethane
Concen: 19.465 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 129 Resp: 50976
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

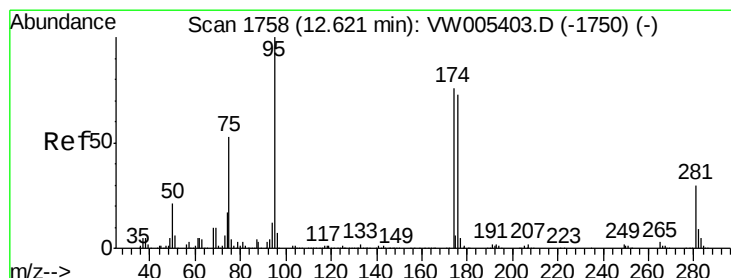
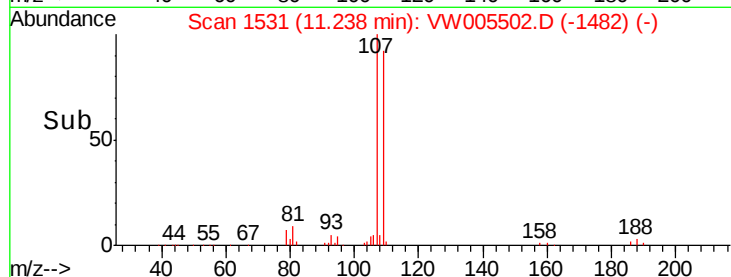
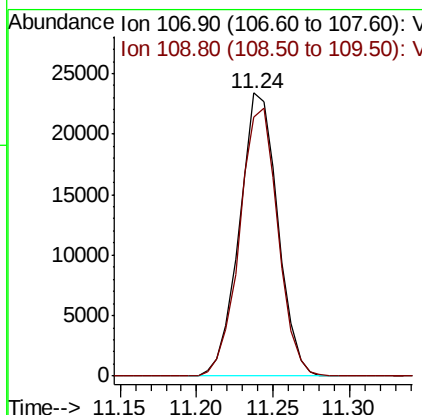
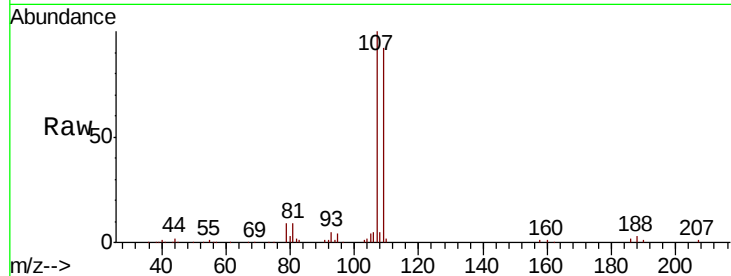




#61
 1,2-Dibromoethane
 Concen: 20.853 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

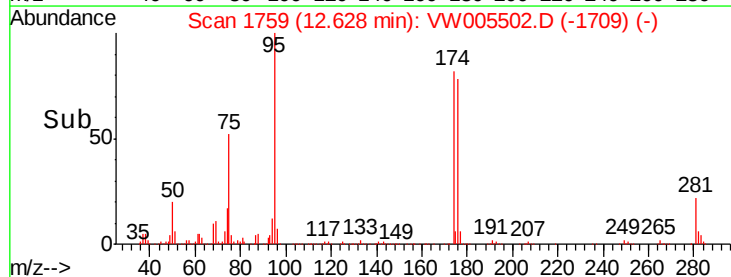
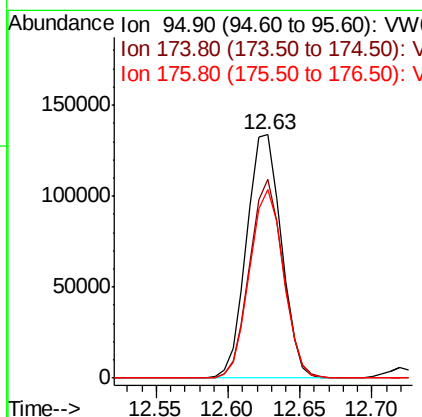
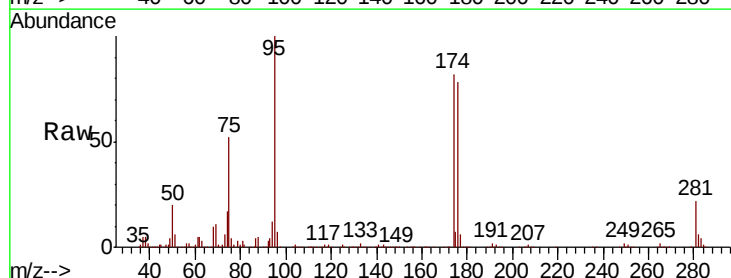
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

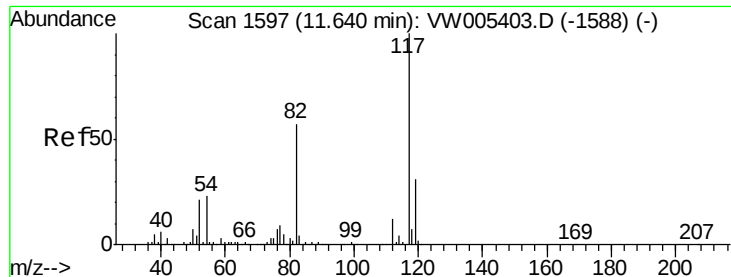
Tgt Ion: 107 Resp: 40706
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.304 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 95 Resp: 223819
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 161.2
 176 75.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

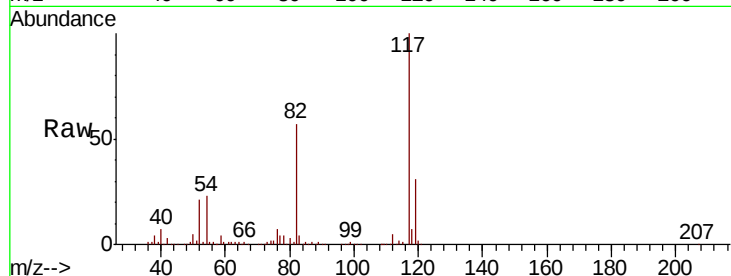
Tgt Ion:117 Resp: 442167

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

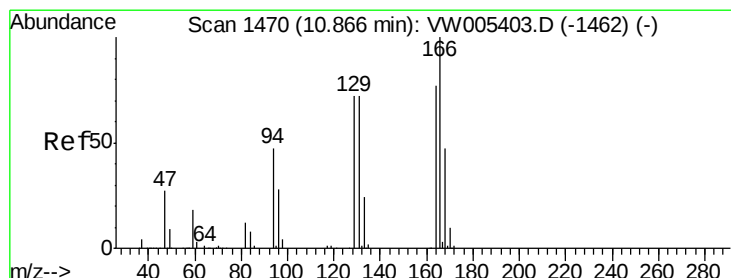
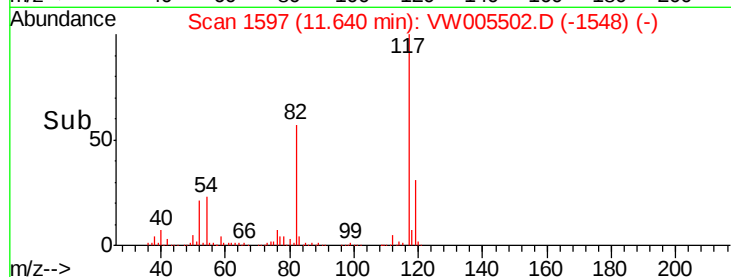
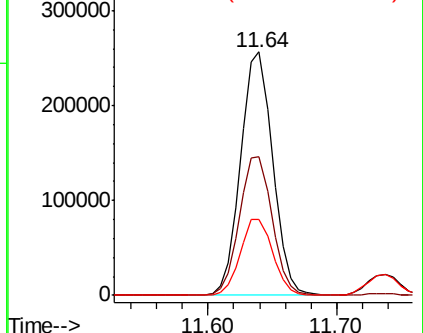
119 31.3 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.999 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion:164 Resp: 68621

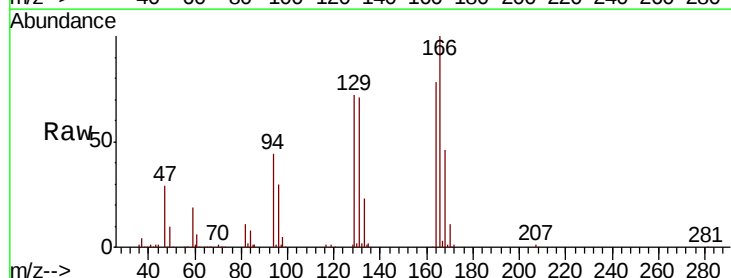
Ion Ratio Lower Upper

164 100

166 128.8 104.0 156.0

129 93.1 74.9 112.3

131 91.0 75.3 112.9

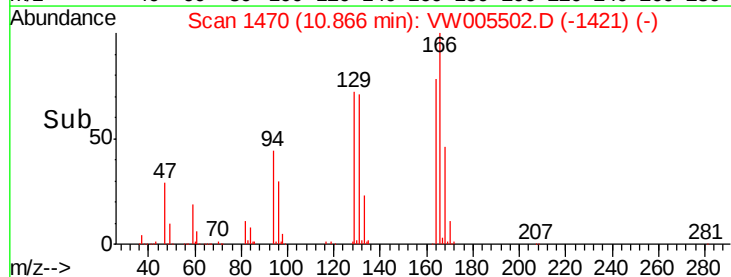
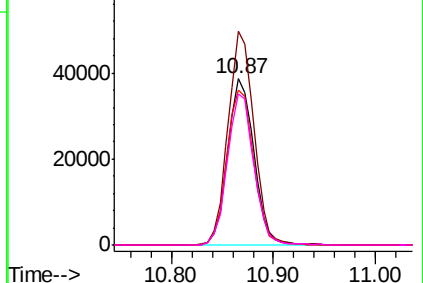


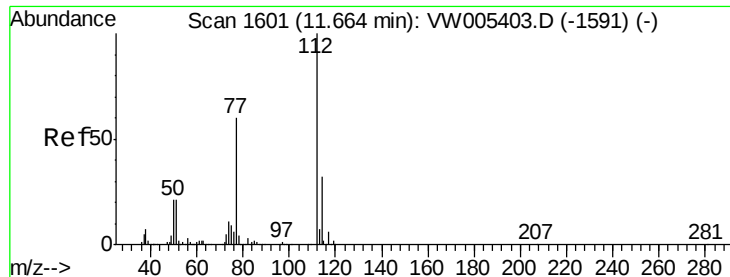
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.611 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

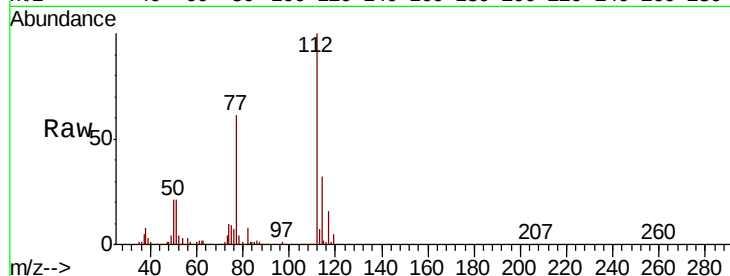
VW0918SBS02

Tgt Ion:112 Resp: 193414

Ion Ratio Lower Upper

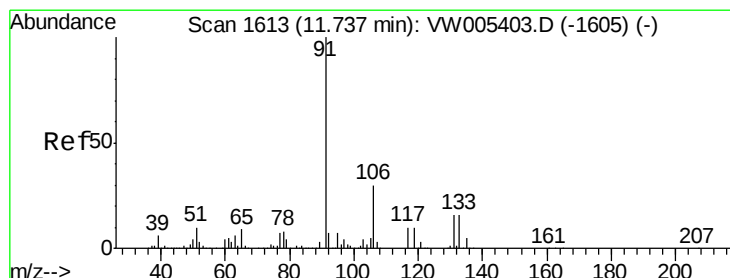
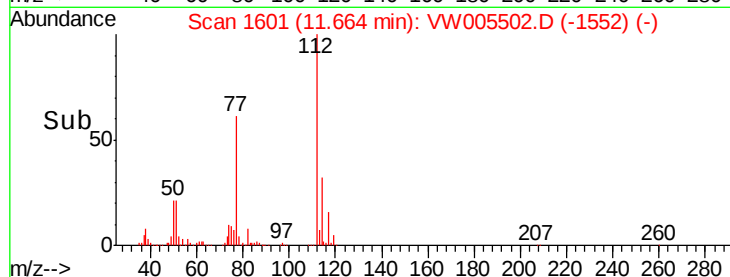
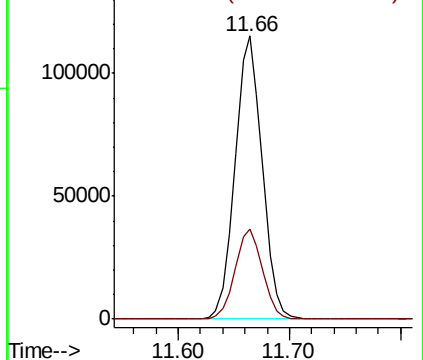
112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.331 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

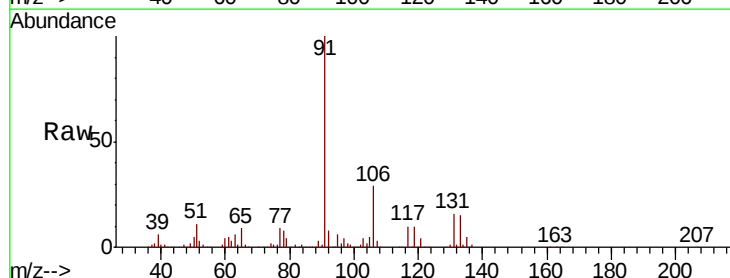
Tgt Ion:131 Resp: 57980

Ion Ratio Lower Upper

131 100

133 96.7 47.3 141.9

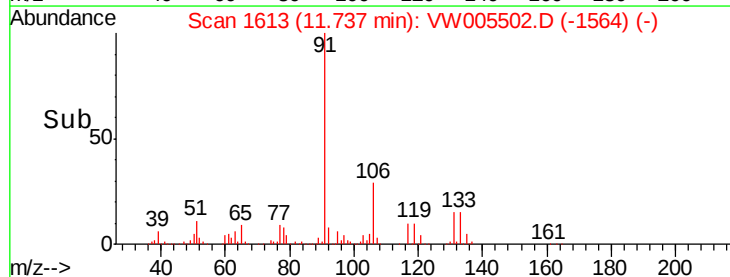
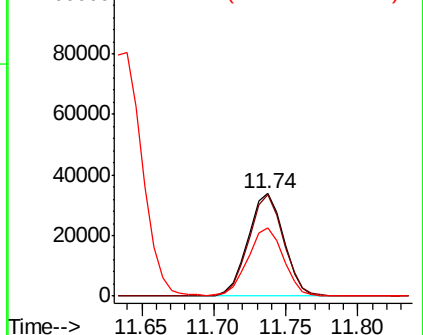
119 66.4 31.1 93.5

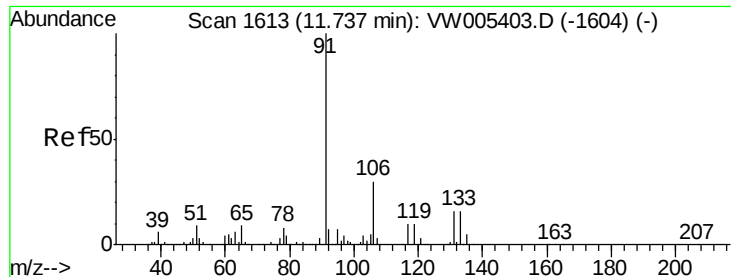


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

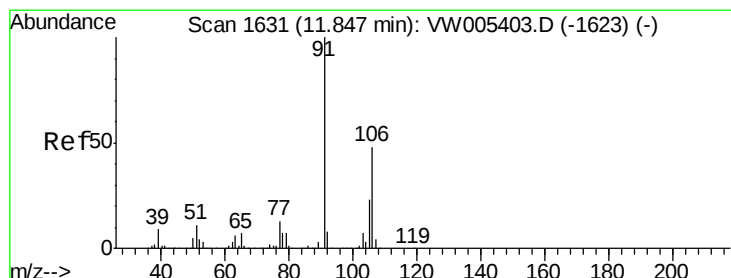
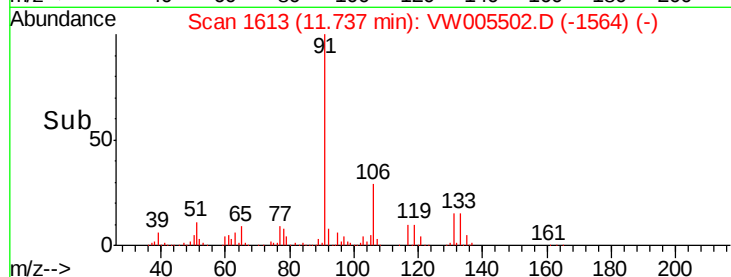
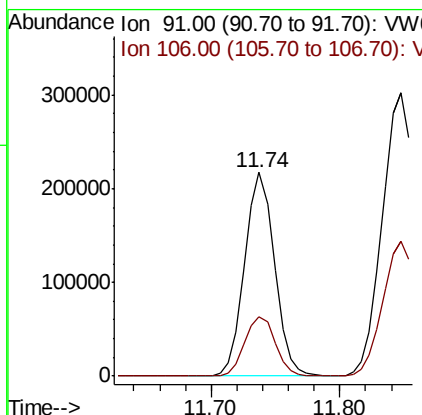
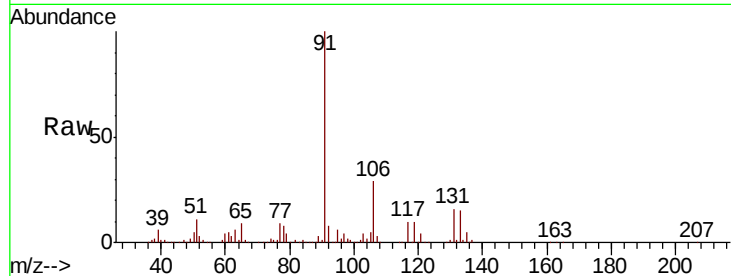




#67
Ethyl Benzene
Concen: 21.108 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

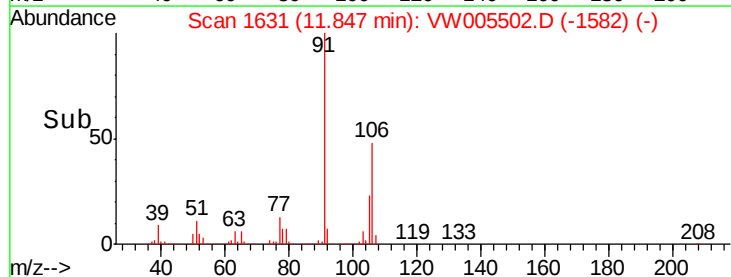
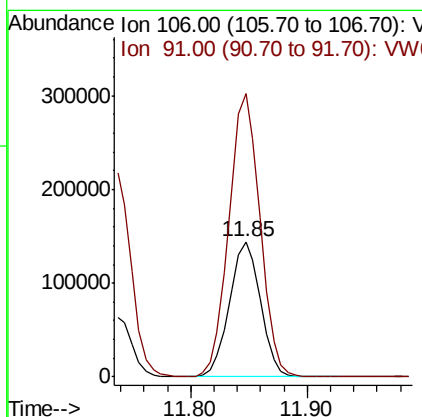
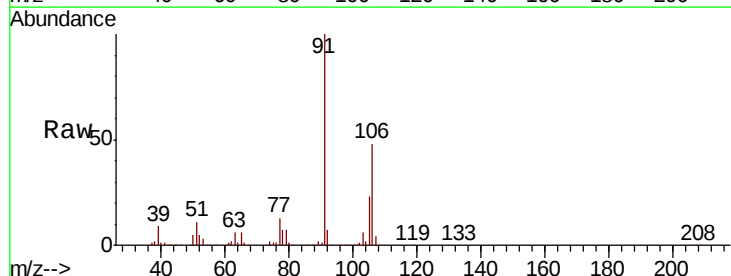
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

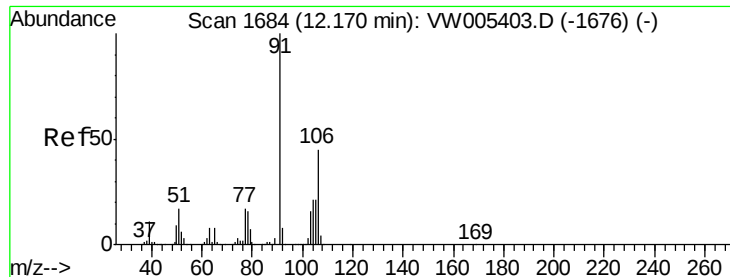
Tgt Ion: 91 Resp: 348351
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4



#68
m/p-Xylenes
Concen: 42.167 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion: 106 Resp: 267820
Ion Ratio Lower Upper
106 100
91 210.0 167.9 251.9

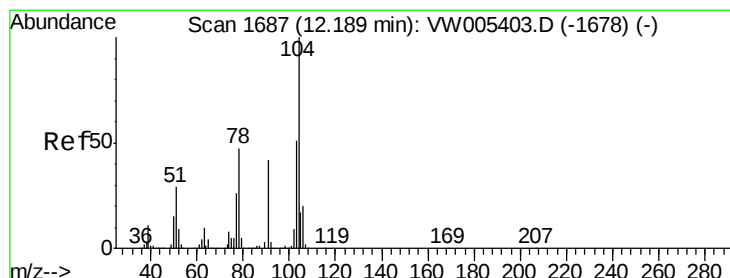
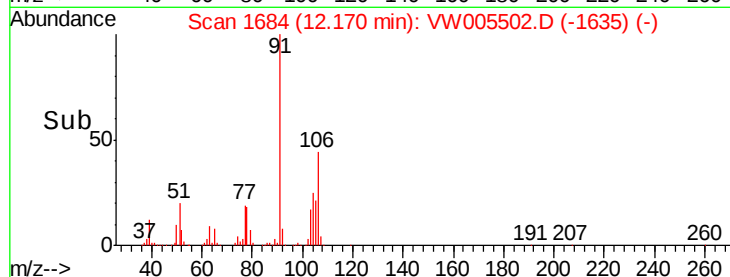
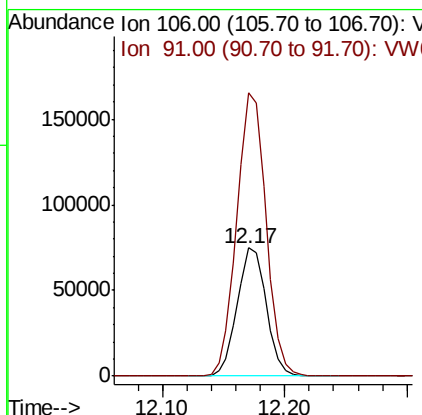
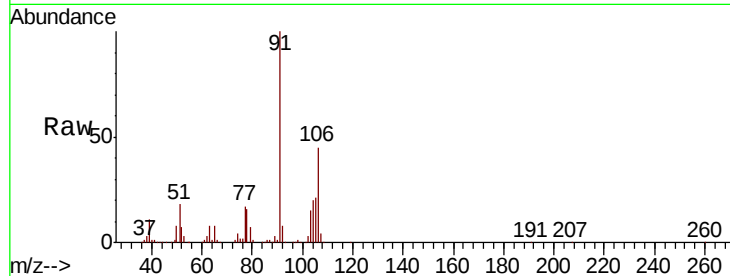




#69
o-Xylene
Concen: 20.816 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

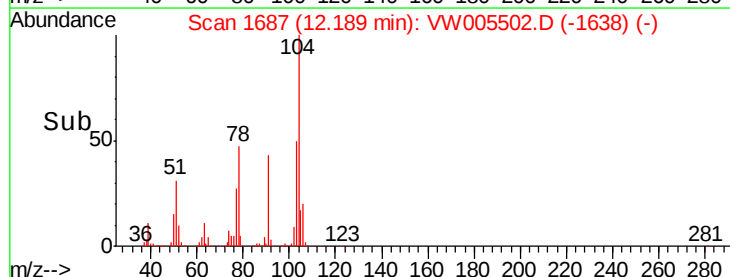
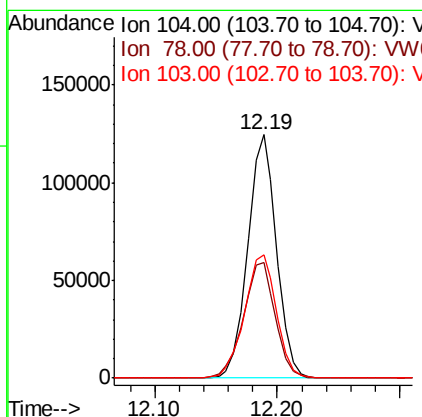
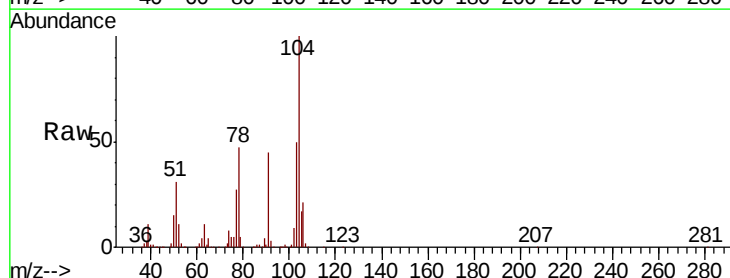
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

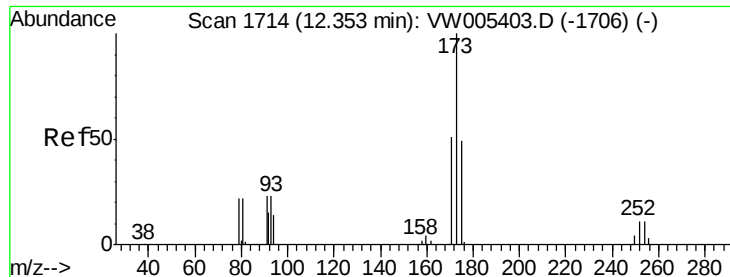
Tgt Ion:106 Resp: 123118
Ion Ratio Lower Upper
106 100
91 222.9 110.6 331.6



#70
Styrene
Concen: 20.842 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion:104 Resp: 203437
Ion Ratio Lower Upper
104 100
78 52.4 42.4 63.6
103 56.4 44.8 67.2





#71

Bromoform

Concen: 18.514 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

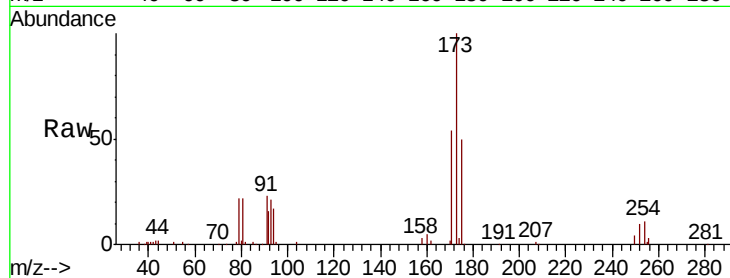
Tgt Ion:173 Resp: 29377

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

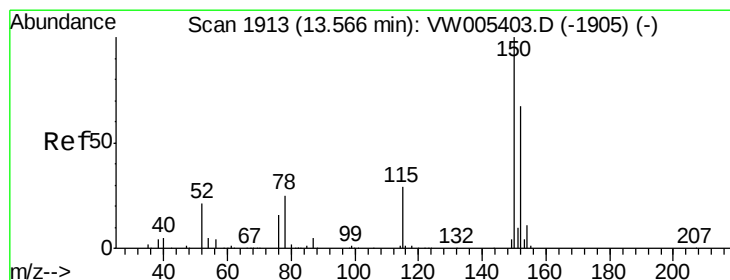
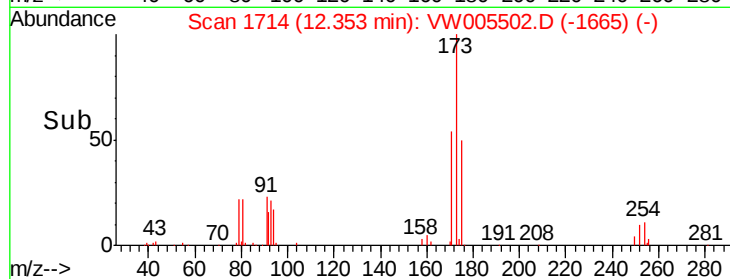
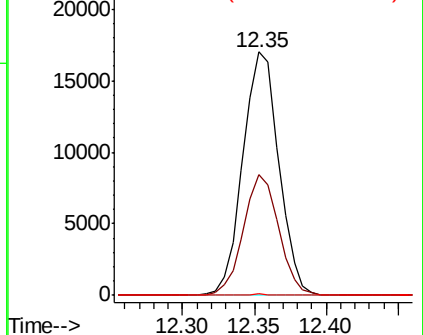
254 0.1 0.0 0.0#



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: VW005502.D

Acq: 19 Sep 2018 03:14

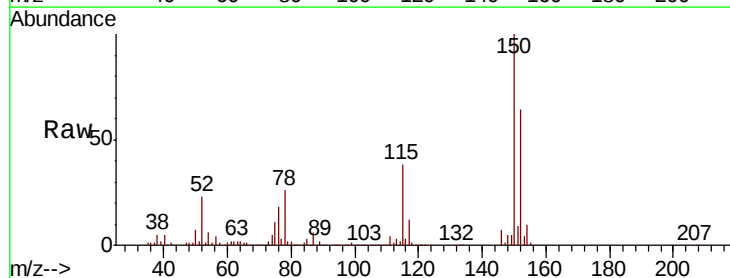
Tgt Ion:152 Resp: 221743

Ion Ratio Lower Upper

152 100

115 59.8 29.5 88.5

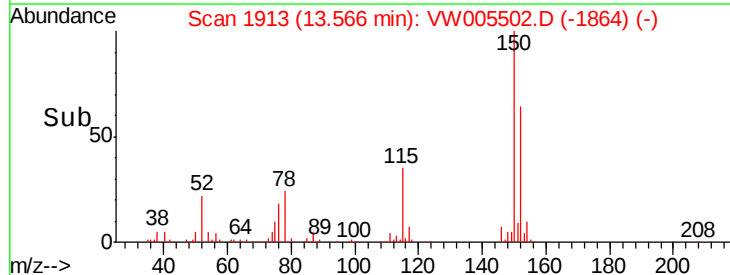
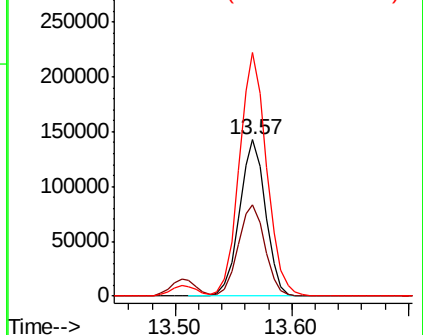
150 163.3 0.0 345.6

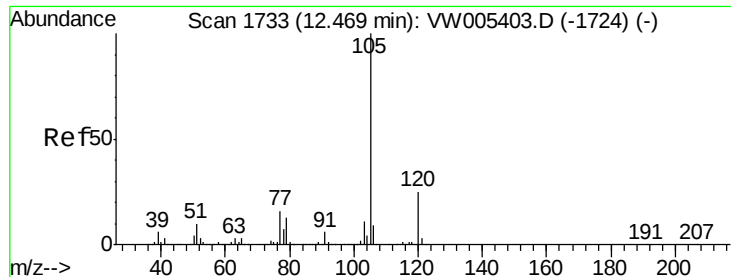


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.913 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

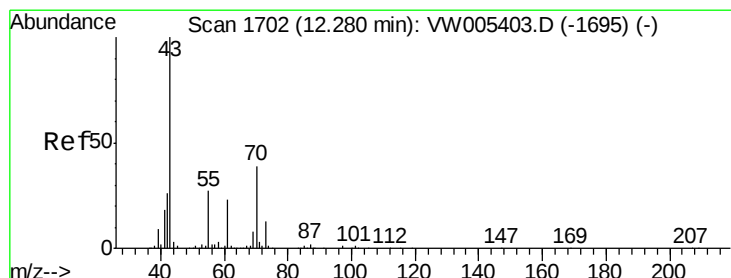
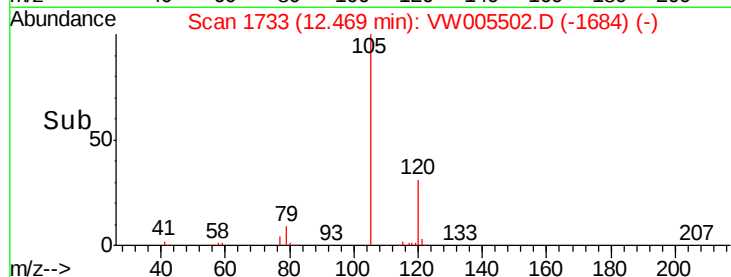
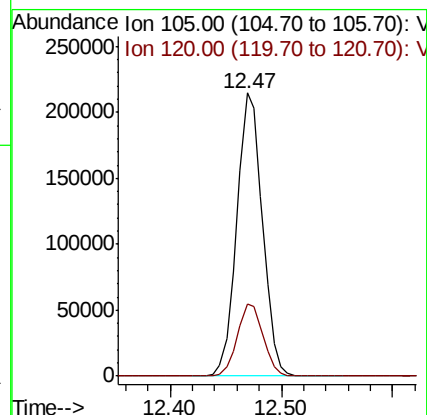
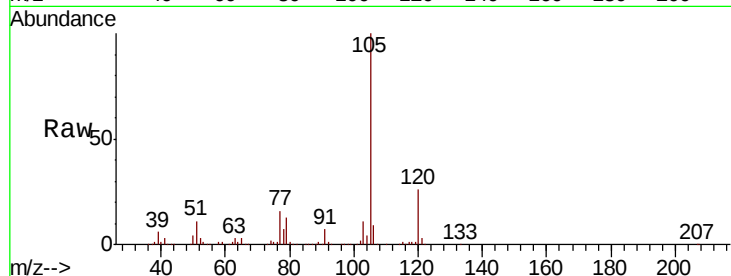
VW0918SBS02

Tgt Ion: 105 Resp: 340900

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 22.600 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Tgt Ion: 43 Resp: 74088

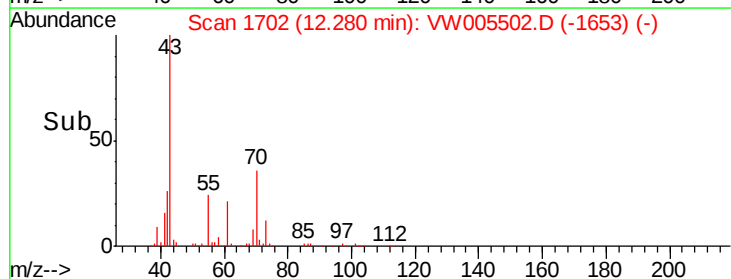
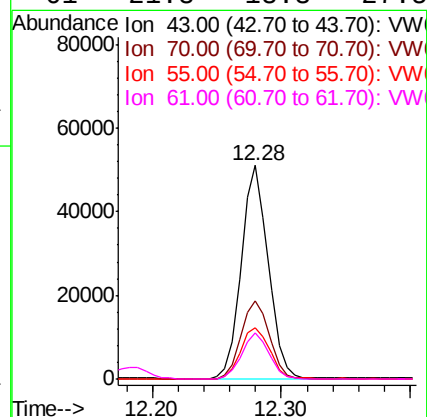
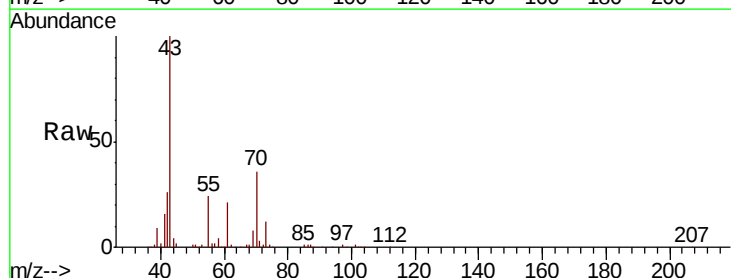
Ion Ratio Lower Upper

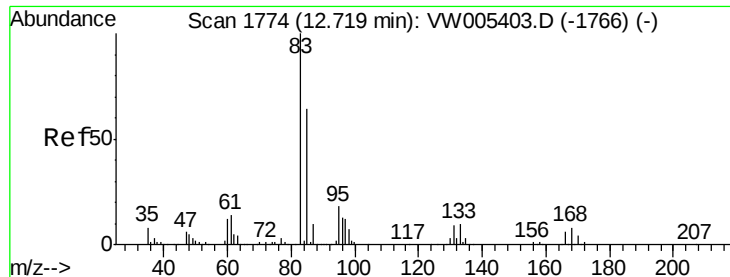
43 100

70 38.4 31.9 47.9

55 26.1 21.4 32.0

61 21.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.471 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

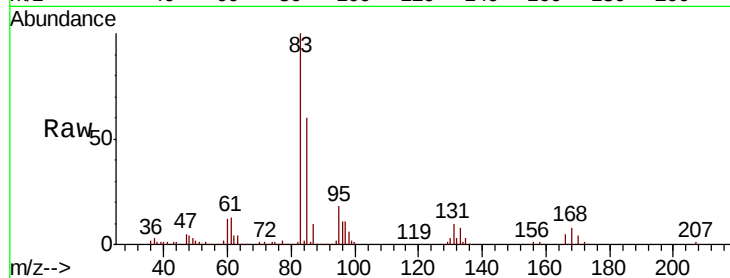
Tgt Ion: 83 Resp: 50997

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

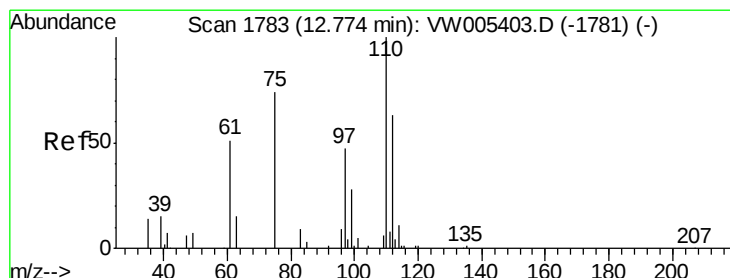
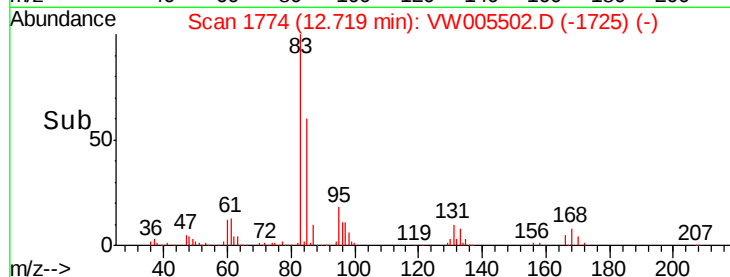
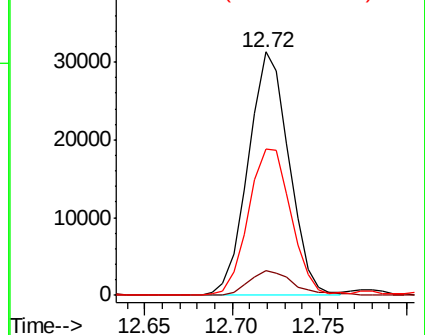
85 63.1 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.842 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005502.D

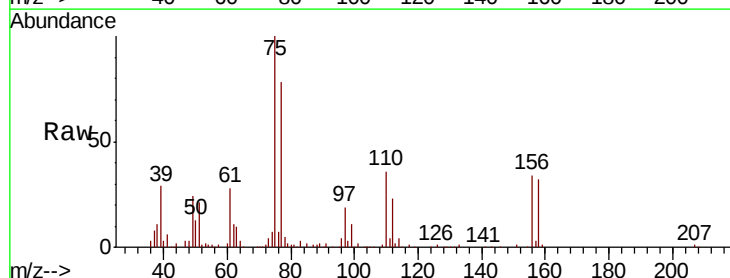
Acq: 19 Sep 2018 03:14

Tgt Ion: 75 Resp: 70840

Ion Ratio Lower Upper

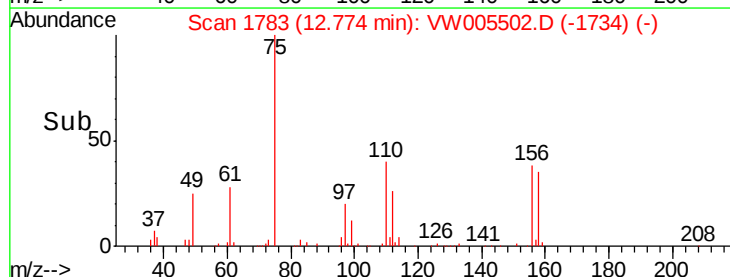
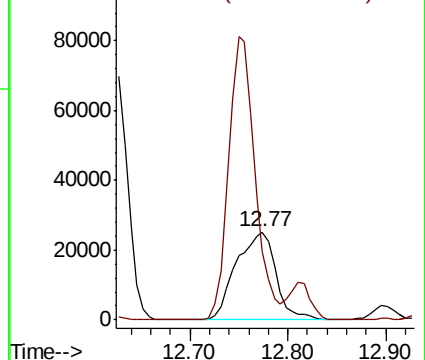
75 100

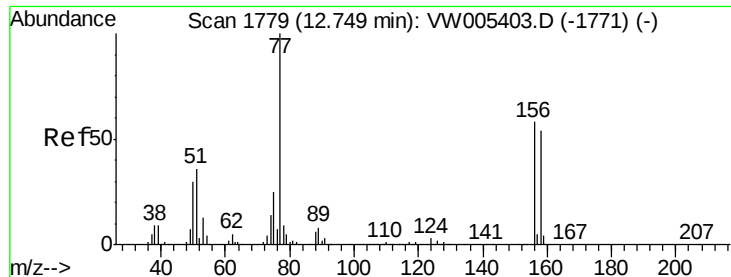
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.046 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS02

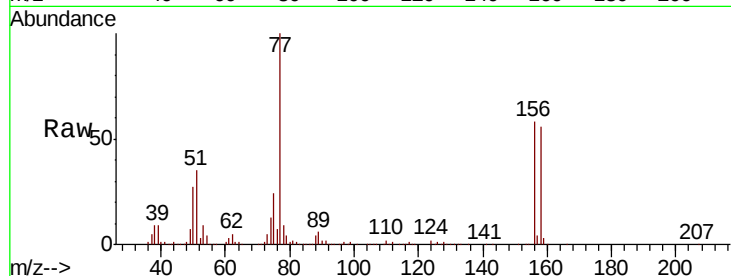
Tgt Ion:156 Resp: 77408

Ion Ratio Lower Upper

156 100

77 196.6 92.8 278.3

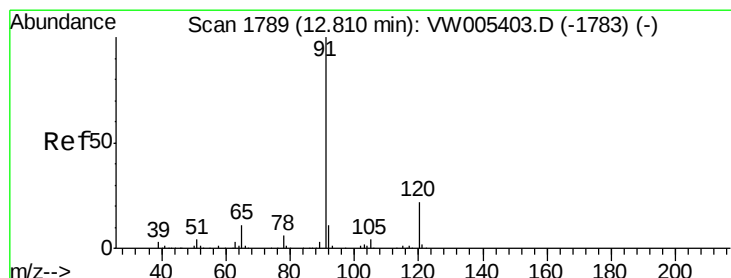
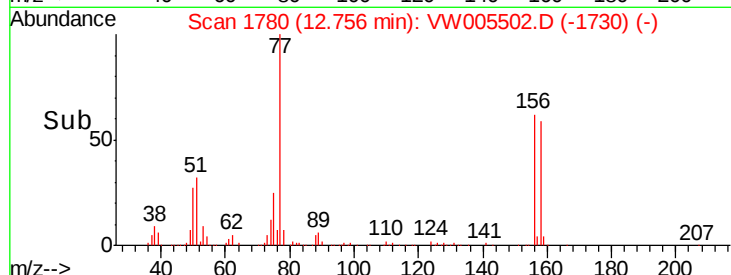
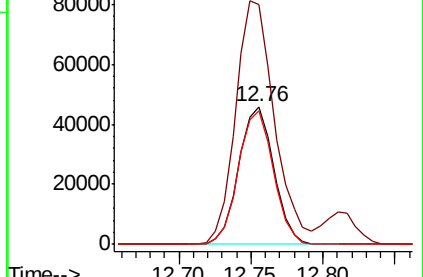
158 96.7 48.2 144.6



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: 22.263 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005502.D

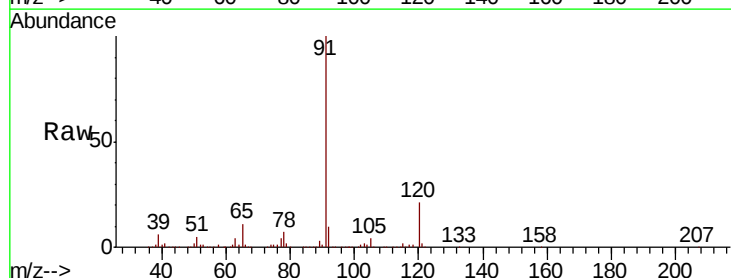
Acq: 19 Sep 2018 03:14

Tgt Ion: 91 Resp: 417999

Ion Ratio Lower Upper

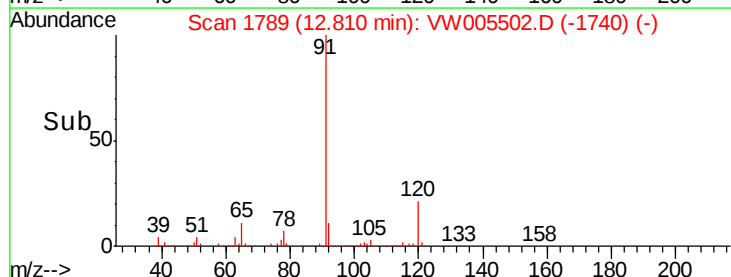
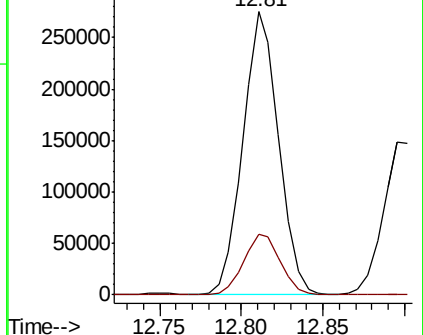
91 100

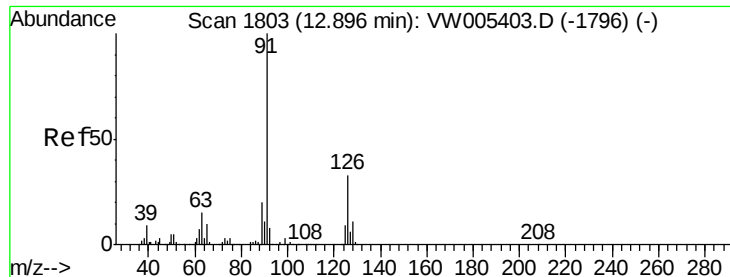
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

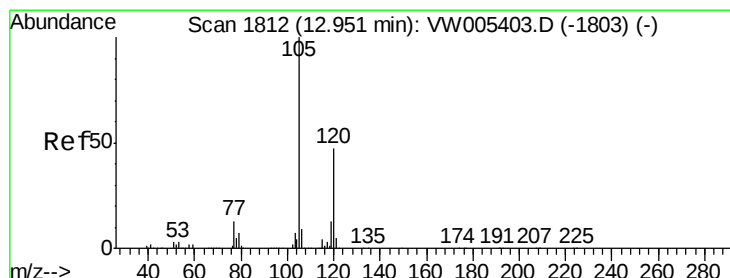
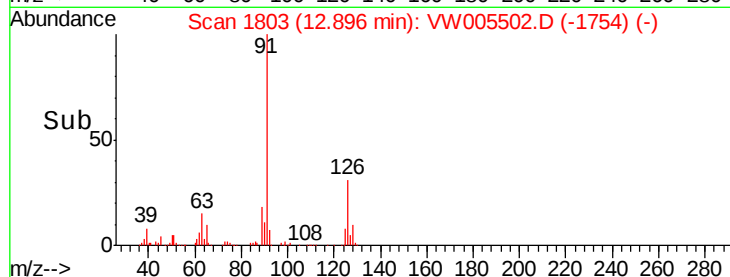
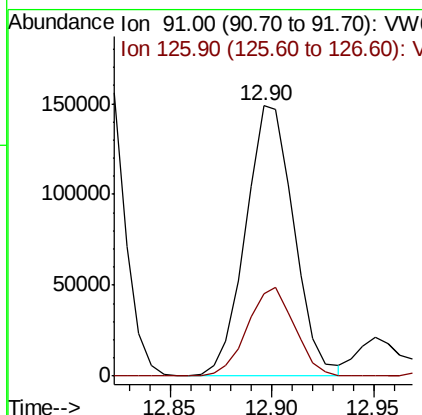
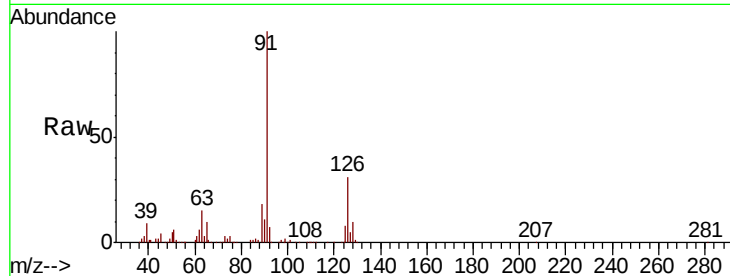




#79
 2-Chlorotoluene
 Concen: 22.106 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

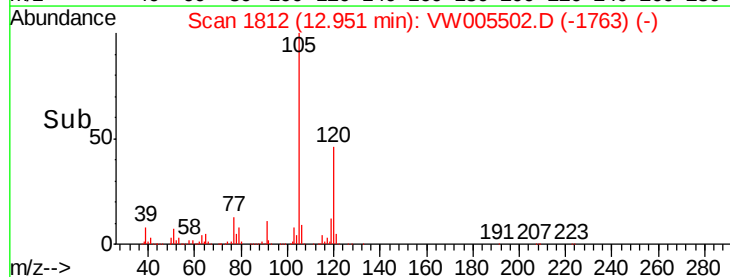
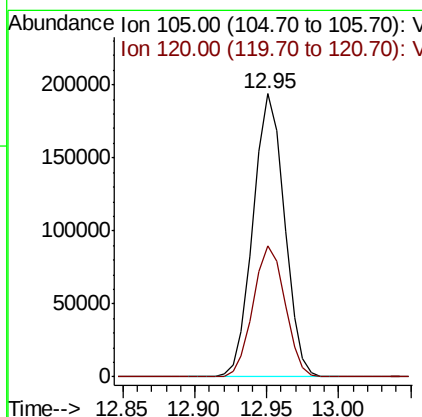
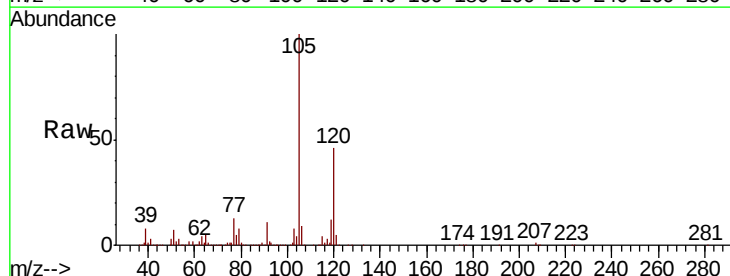
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

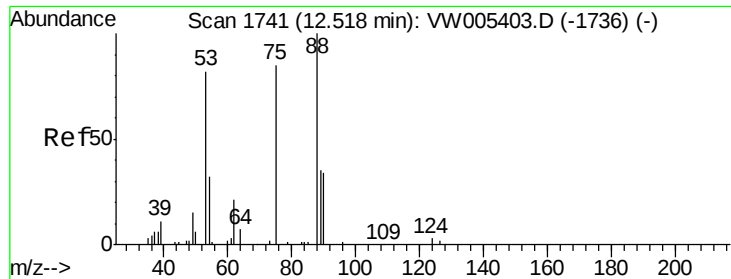
Tgt Ion: 91 Resp: 244854
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.427 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 105 Resp: 290853
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 19.769 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

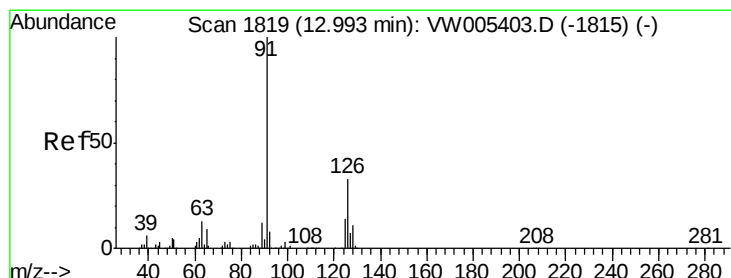
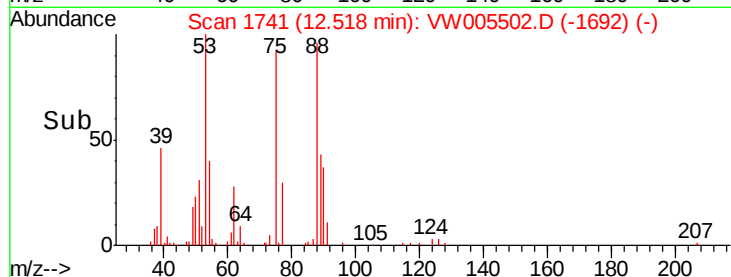
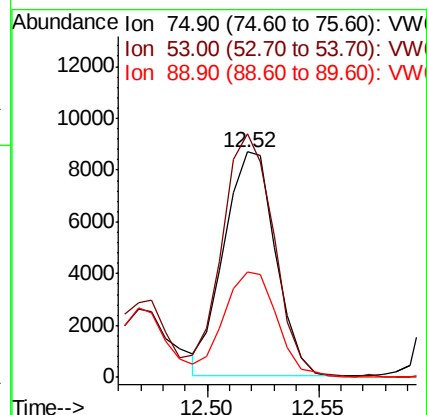
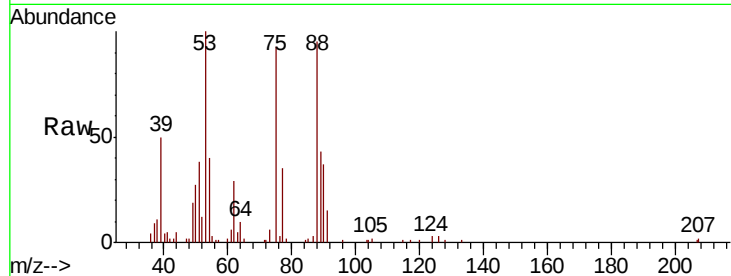
Tgt Ion: 75 Resp: 13899

Ion Ratio Lower Upper

75 100

53 111.0 83.2 124.8

89 48.6 36.6 54.8



#82

4-Chlorotoluene

Concen: 22.122 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005502.D

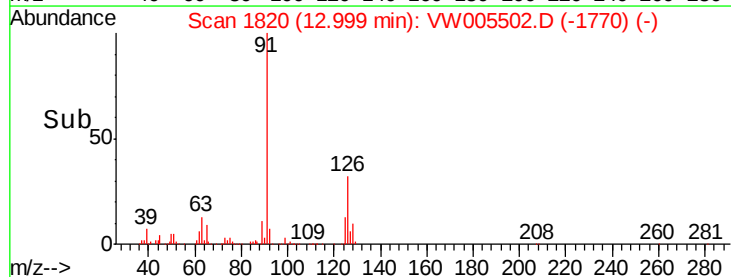
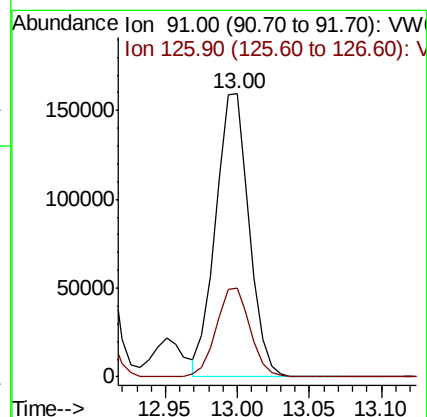
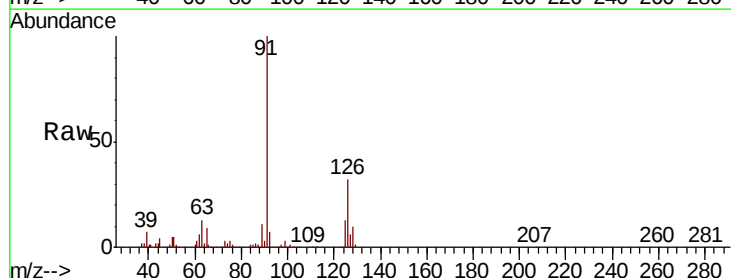
Acq: 19 Sep 2018 03:14

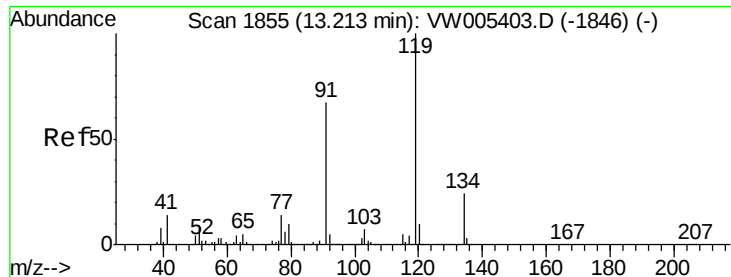
Tgt Ion: 91 Resp: 258694

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1





#83

tert-Butylbenzene

Concen: 22.043 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

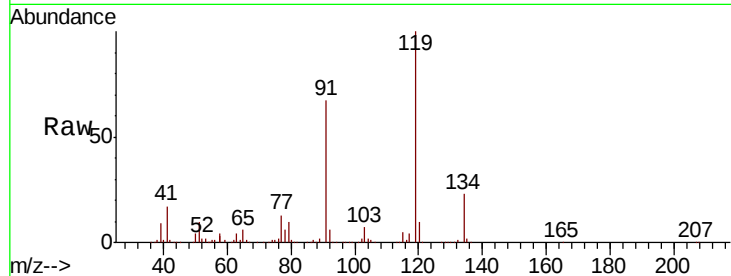
Tgt Ion:119 Resp: 248521

Ion Ratio Lower Upper

119 100

91 66.2 34.4 103.2

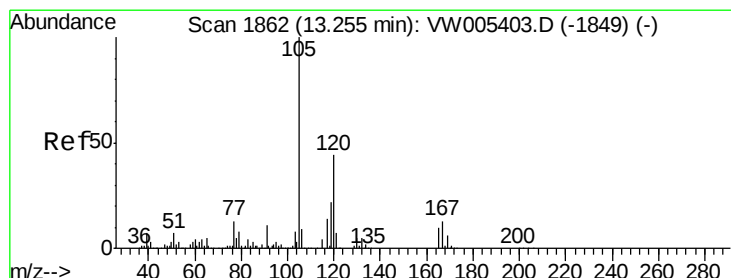
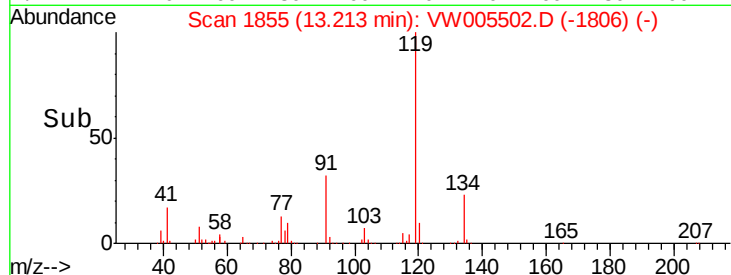
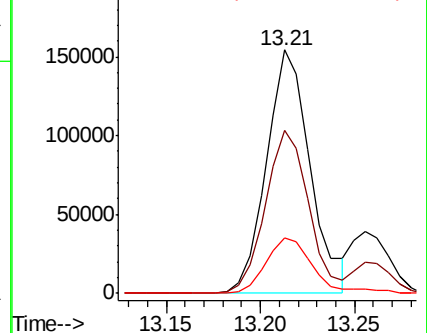
134 24.6 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.351 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW005502.D

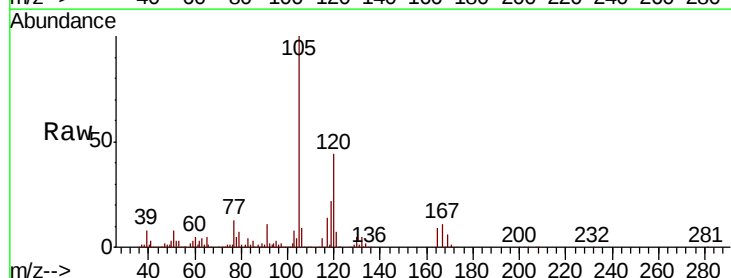
Acq: 19 Sep 2018 03:14

Tgt Ion:105 Resp: 294236

Ion Ratio Lower Upper

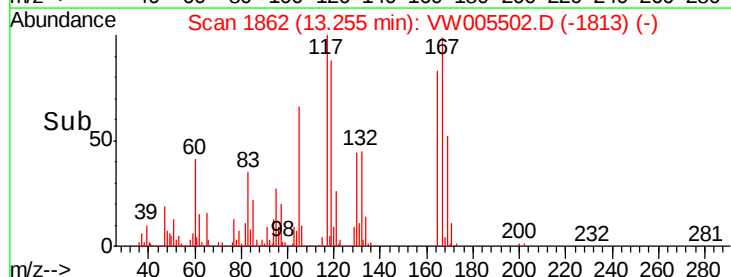
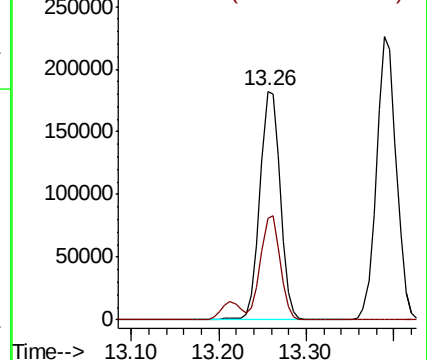
105 100

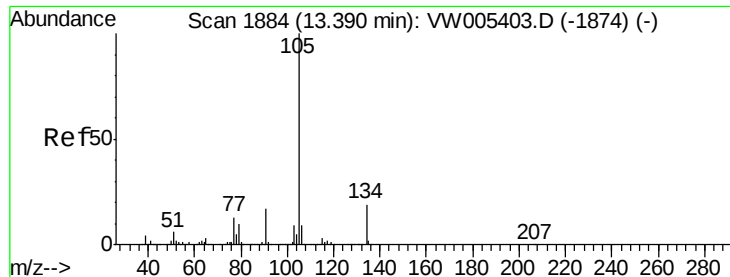
120 44.0 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

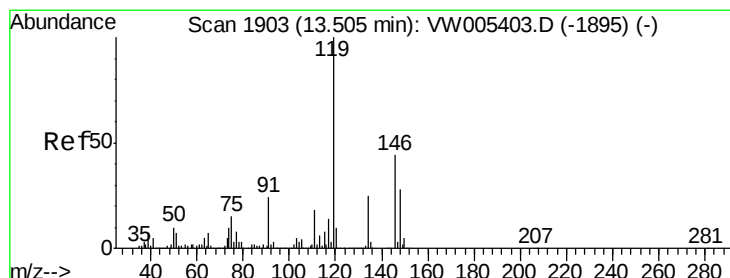
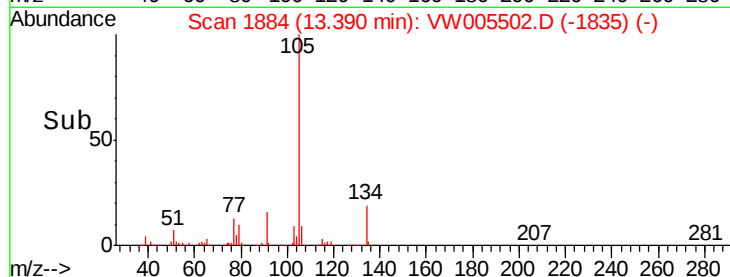
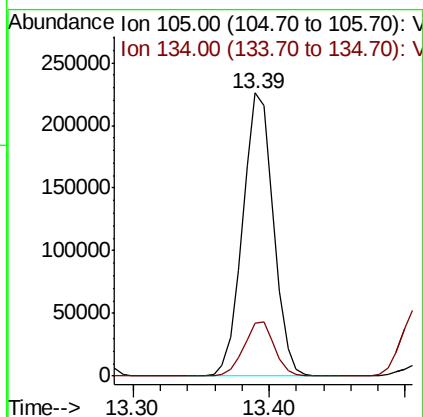
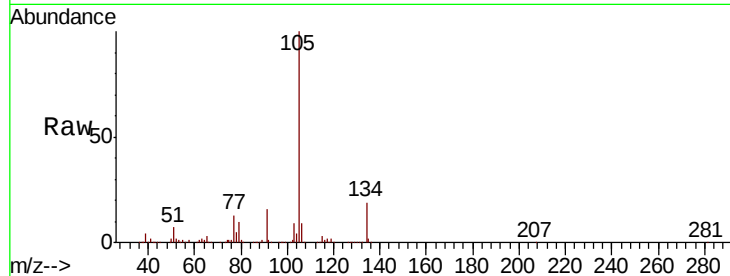




#85
 sec-Butylbenzene
 Concen: 21.847 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

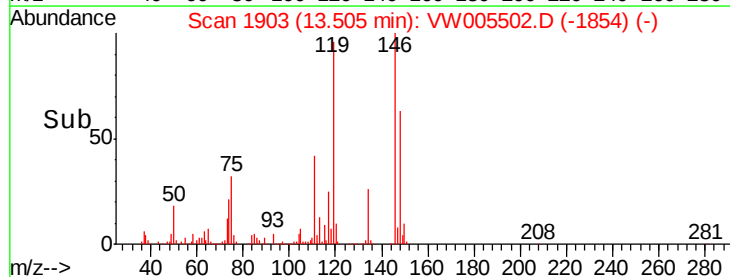
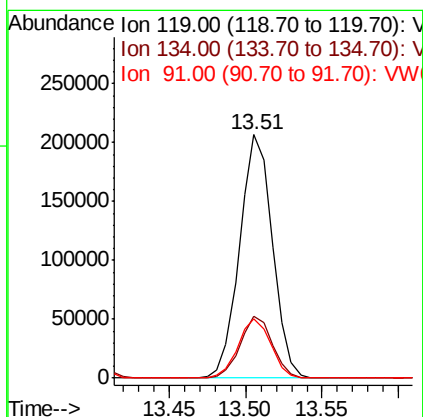
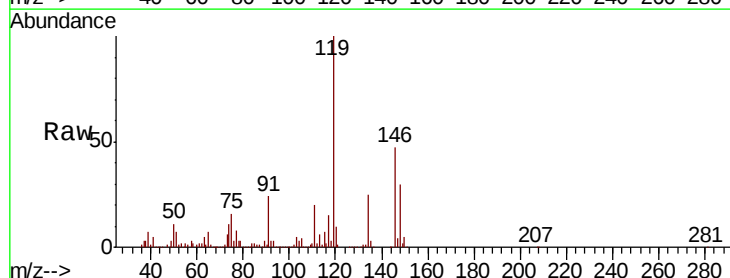
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

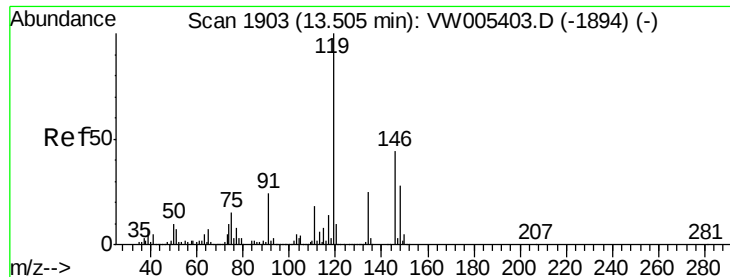
Tgt Ion:105 Resp: 355911
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.104 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion:119 Resp: 307452
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.3 12.0 36.0

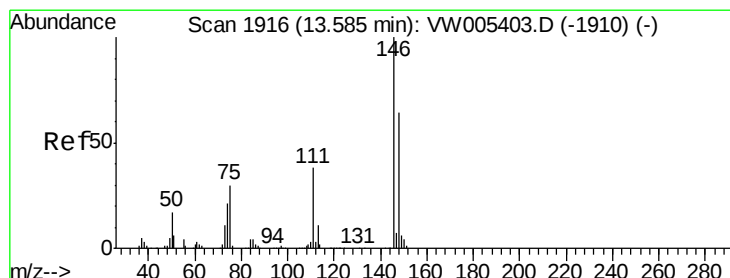
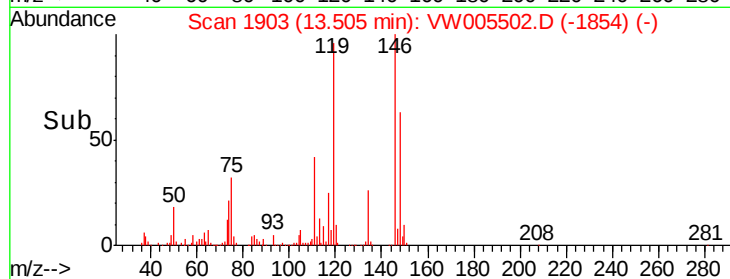
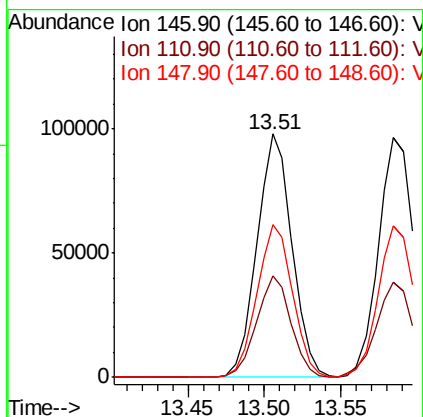
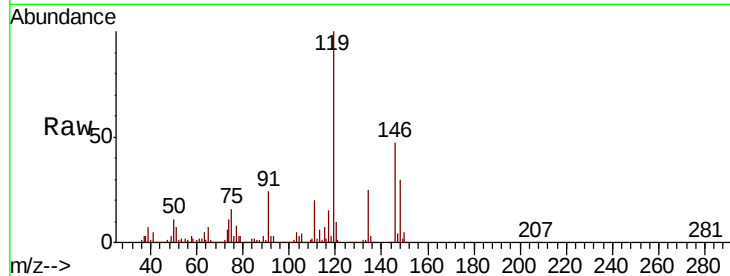




#87
 1,3-Dichlorobenzene
 Concen: 20.913 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

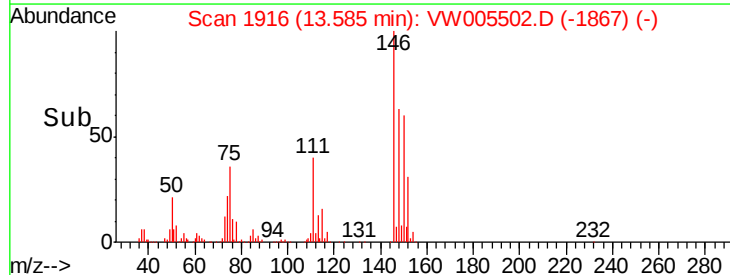
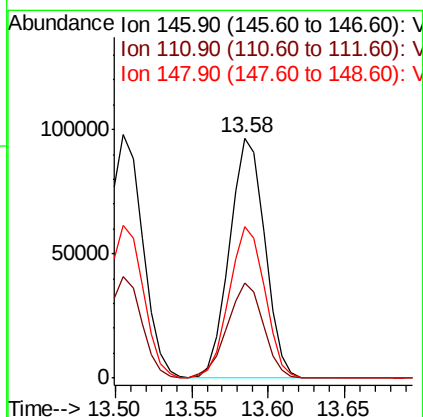
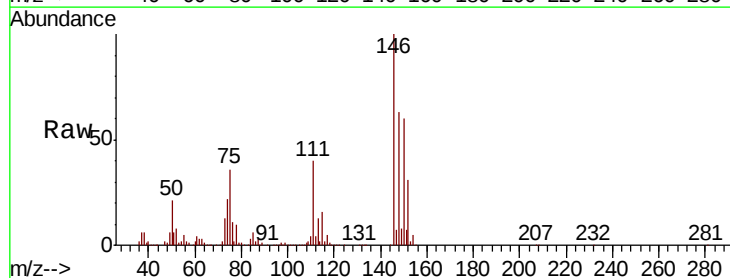
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

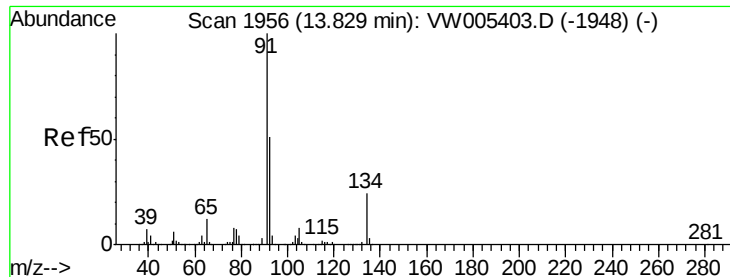
Tgt Ion:146 Resp: 155998
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.049 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion:146 Resp: 154616
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 21.421 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005502.D

Acq: 19 Sep 2018 03:14

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS02

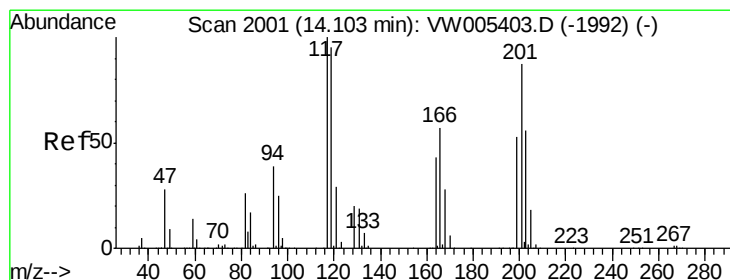
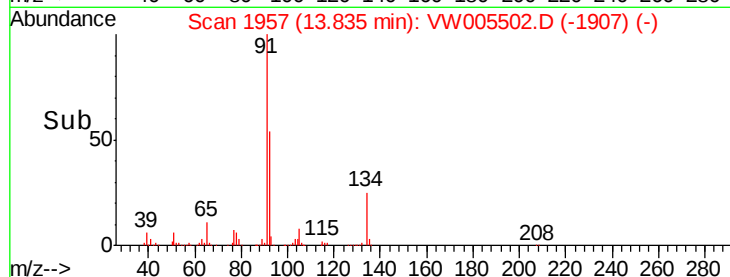
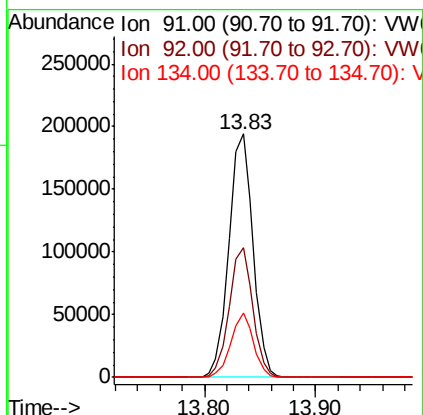
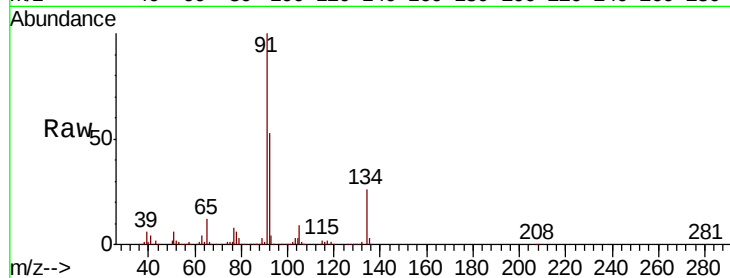
Tgt Ion: 91 Resp: 290599

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

134 24.8 12.7 38.1



#90

Hexachloroethane

Concen: 20.509 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005502.D

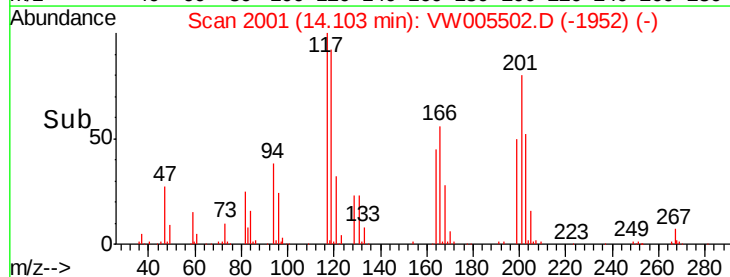
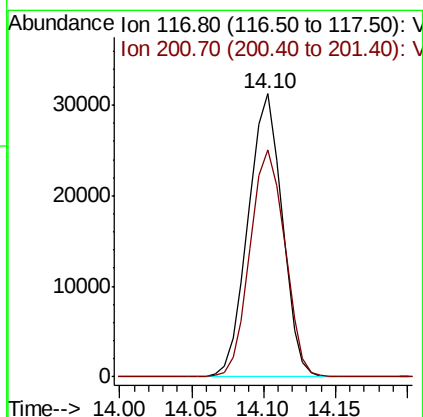
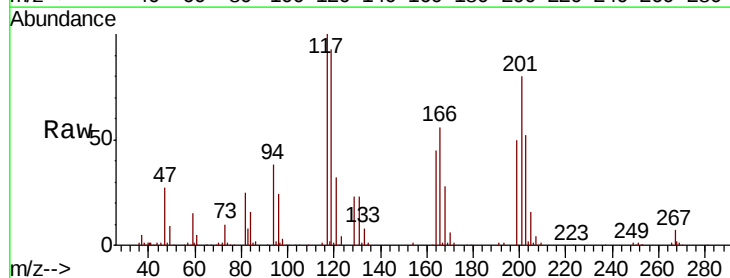
Acq: 19 Sep 2018 03:14

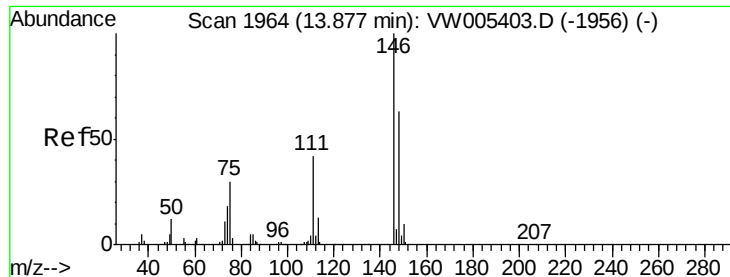
Tgt Ion: 117 Resp: 51194

Ion Ratio Lower Upper

117 100

201 82.1 42.5 127.5

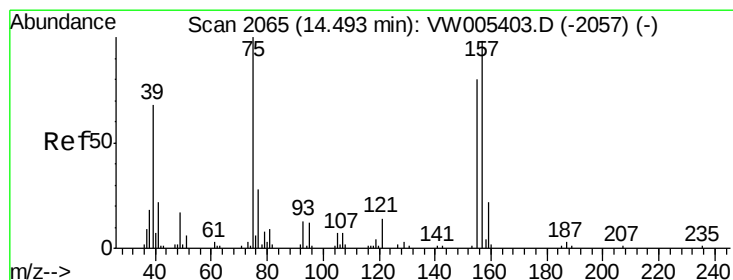
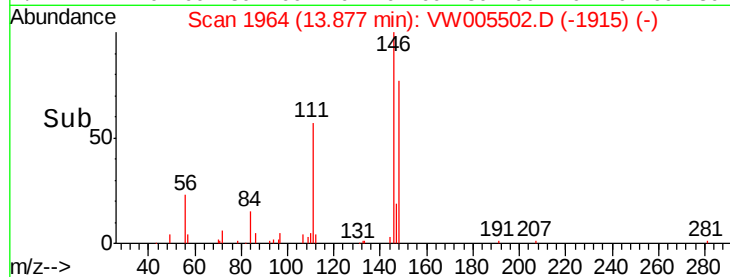
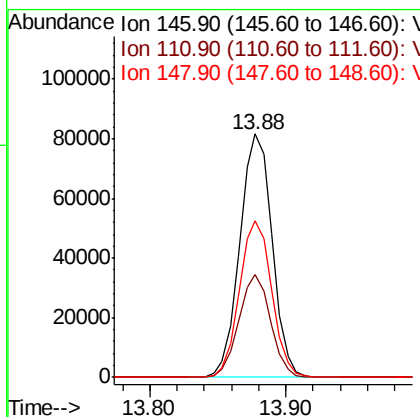
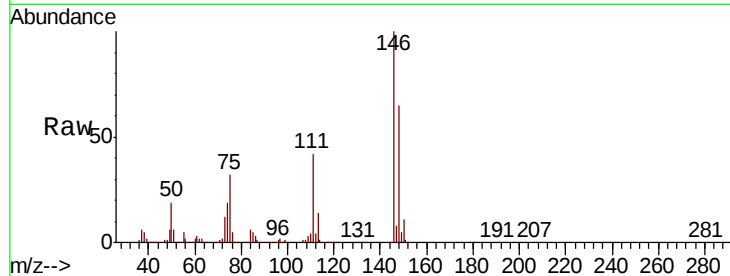




#91
 1,2-Dichlorobenzene
 Concen: 20.740 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

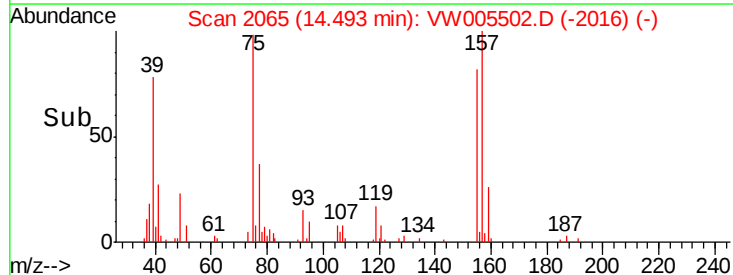
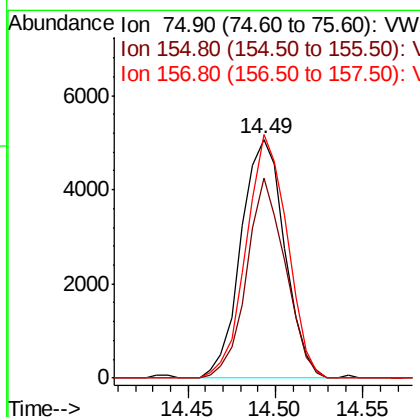
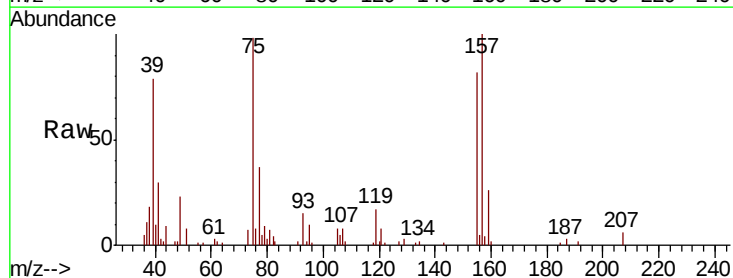
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

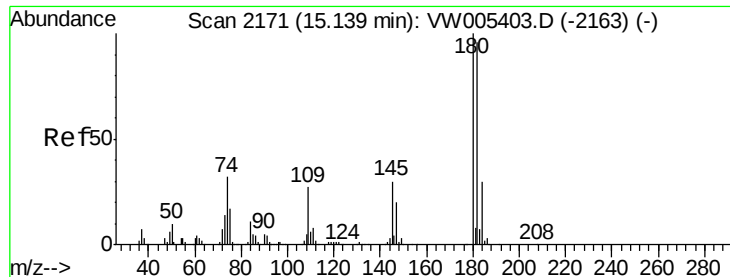
Tgt Ion:146 Resp: 135198
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.0 63.0
 148 64.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.169 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion: 75 Resp: 8791
 Ion Ratio Lower Upper
 75 100
 155 74.2 39.0 117.0
 157 95.6 49.9 149.6

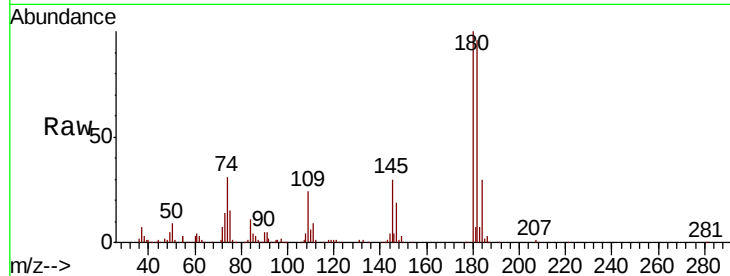




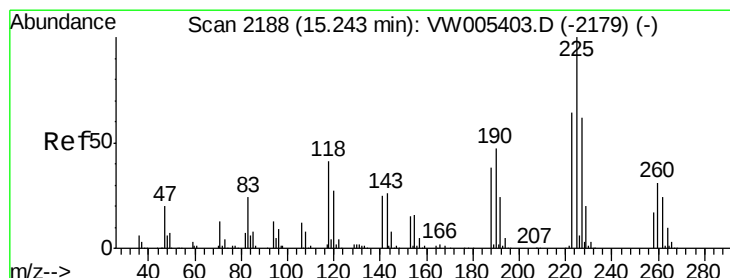
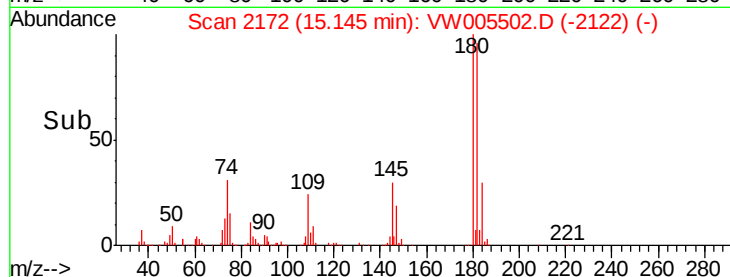
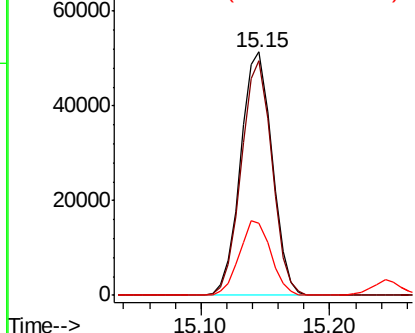
#93
 1,2,4-Trichlorobenzene
 Concen: 19.986 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS02

Tgt Ion:180 Resp: 86932
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 141.9
 145 30.4 14.8 44.3

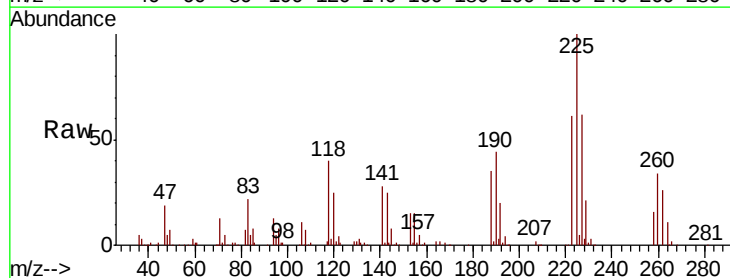


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

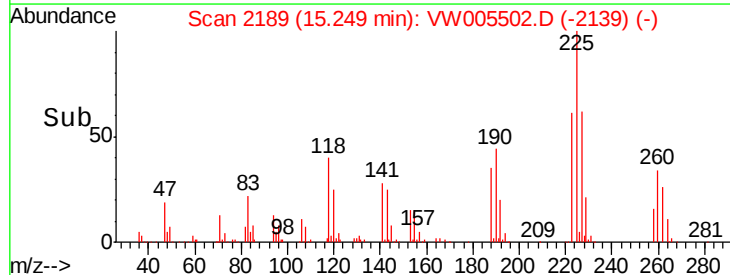
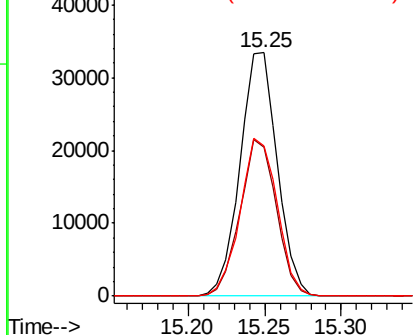


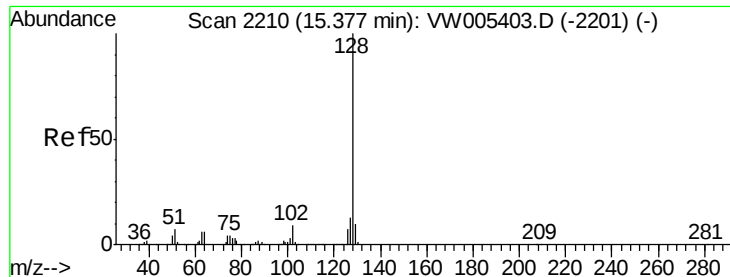
#94
 Hexachlorobutadiene
 Concen: 19.987 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005502.D
 Acq: 19 Sep 2018 03:14

Tgt Ion:225 Resp: 56771
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 64.5 31.6 95.0



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

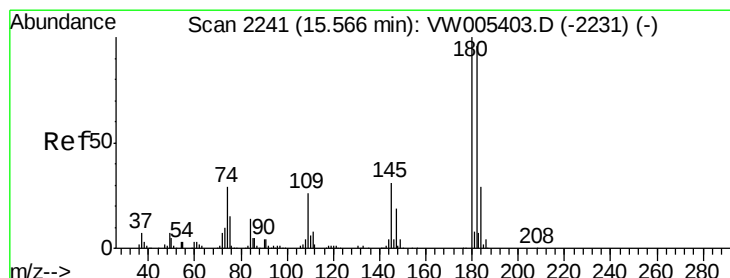
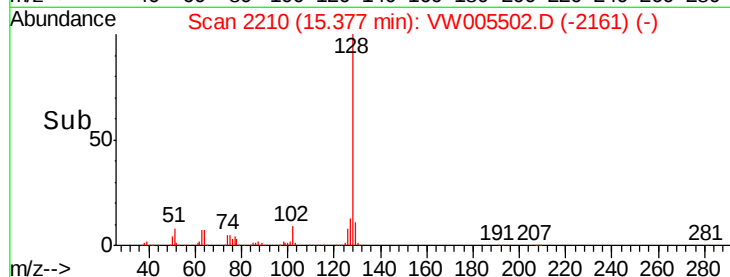
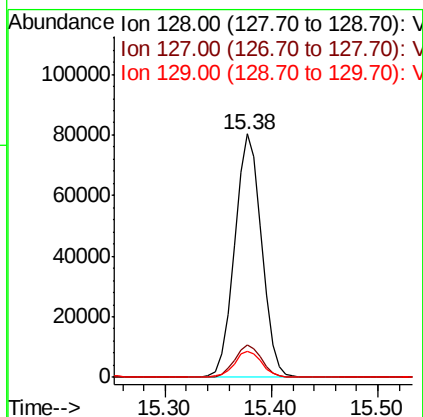
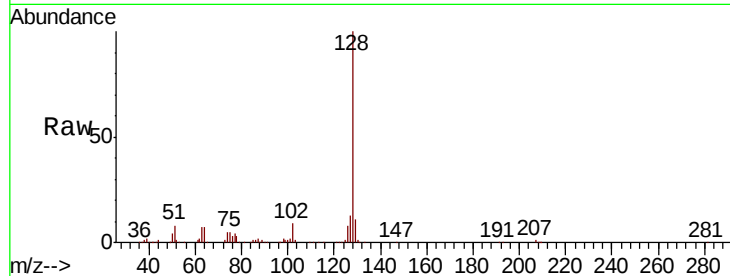




#95
Naphthalene
Concen: 19.640 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS02

Tgt Ion:128 Resp: 142350
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.765 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005502.D
Acq: 19 Sep 2018 03:14

Tgt Ion:180 Resp: 75027
Ion Ratio Lower Upper
180 100
182 95.8 48.1 144.4
145 32.3 15.9 47.7

