

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007380.D
 Acq On : 11 Dec 2018 03:58
 Operator : SY/AP
 Sample : VW1210SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Quant Time: Dec 11 04:22:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48181	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	45485	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.32	98	170907	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	63489	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14055	23.606	ug/l	91
3) Chloromethane	2.22	50	10941	21.942	ug/l	94
4) Vinyl Chloride	2.37	62	13622	23.279	ug/l	99
5) Bromomethane	2.78	94	8175	20.793	ug/l	81
6) Chloroethane	2.93	64	6970	21.638	ug/l	98
7) Trichlorofluoromethane	3.26	101	11354	21.582	ug/l	93
8) Diethyl Ether	3.68	74	8504	20.653	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17444	20.095	ug/l	96
10) Methyl Iodide	4.26	142	30029	20.887	ug/l	99
11) Tert butyl alcohol	5.17	59	8456	130.257	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	17673	21.145	ug/l	95
13) Acrolein	3.89	56	4834	112.535	ug/l	97
14) Allyl chloride	4.66	41	25574	20.758	ug/l	98
15) Acrylonitrile	5.37	53	17842	102.787	ug/l	99
16) Acetone	4.12	43	16444	99.597	ug/l	94
17) Carbon Disulfide	4.38	76	54119	21.356	ug/l	98
18) Methyl Acetate	4.67	43	10109	22.559	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	27201	21.574	ug/l	96
20) Methylene Chloride	4.91	84	20398	20.262	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	19129	20.459	ug/l	96
22) Diisopropyl ether	6.31	45	49628	20.957	ug/l	95
23) Vinyl Acetate	6.26	43	134260	101.364	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31880	19.919	ug/l	99
25) 2-Butanone	7.17	43	21402	99.293	ug/l	96
26) 2,2-Dichloropropane	7.17	77	21546	20.341	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	21190	20.698	ug/l	98
28) Bromochloromethane	7.51	49	12240	20.332	ug/l	95
29) Tetrahydrofuran	7.53	42	14673	107.531	ug/l	99
30) Chloroform	7.68	83	36241	20.808	ug/l	100
31) Cyclohexane	7.95	56	30405	20.706	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	31644	20.718	ug/l	99
36) 1,1-Dichloropropene	8.08	75	27929	21.157	ug/l	99
37) Ethyl Acetate	7.26	43	10276	20.929	ug/l	95
38) Carbon Tetrachloride	8.07	117	30414	21.175	ug/l	98

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Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

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 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33251	20.802	ug/l	94
40) Benzene	8.32	78	77229	21.081	ug/l	98
41) Methacrylonitrile	7.48	41	5886	21.052	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23828	20.706	ug/l	99
43) Isopropyl Acetate	8.43	43	19999	20.621	ug/l	98
44) Trichloroethene	9.09	130	21610	20.657	ug/l	89
45) 1,2-Dichloropropane	9.37	63	17605	20.766	ug/l	96
46) Dibromomethane	9.46	93	9957	20.682	ug/l	95
47) Bromodichloromethane	9.64	83	26081	20.653	ug/l	97
48) Methyl methacrylate	9.44	41	9517	19.107	ug/l	95
49) 1,4-Dioxane	9.45	88	3365	430.771	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	47619	103.915	ug/l	100
52) Toluene	10.39	92	50731	21.398	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	25429	20.742	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	28545	20.141	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	13455	20.535	ug/l	92
56) Ethyl methacrylate	10.65	69	17156	21.784	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21937	20.398	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	31738	87.389	ug/l	99
59) 2-Hexanone	10.97	43	31877	104.323	ug/l	97
60) Dibromochloromethane	11.13	129	17207	20.809	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13133	20.282	ug/l	96
64) Tetrachloroethene	10.87	164	18107	20.338	ug/l	93
65) Chlorobenzene	11.66	112	54692	21.195	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	19117	21.035	ug/l	99
67) Ethyl Benzene	11.73	91	97086	21.883	ug/l	94
68) m/p-Xylenes	11.84	106	71986	41.737	ug/l	99
69) o-Xylene	12.17	106	35800	22.225	ug/l	99
70) Styrene	12.18	104	57230	21.997	ug/l	98
71) Bromoform	12.35	173	9182	19.738	ug/l #	92
73) Isopropylbenzene	12.47	105	93876	20.934	ug/l	98
74) N-amyl acetate	12.27	43	17019	20.883	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14004	21.085	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	19444	40.295	ug/l #	1
77) Bromobenzene	12.75	156	21168	21.296	ug/l	95
78) n-propylbenzene	12.81	91	111158	22.026	ug/l	99
79) 2-Chlorotoluene	12.90	91	64098	20.991	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	83671	22.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4494	20.573	ug/l	89
82) 4-Chlorotoluene	12.99	91	67131	20.855	ug/l	94
83) tert-Butylbenzene	13.21	119	69864	21.043	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	85608	22.079	ug/l	93
85) sec-Butylbenzene	13.39	105	99942	22.051	ug/l	95
86) p-Isopropyltoluene	13.50	119	90477	22.221	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	41984	21.184	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	44186	22.177	ug/l	95
89) n-Butylbenzene	13.83	91	79678	21.109	ug/l	98
90) Hexachloroethane	14.10	117	15469	21.352	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	38435	21.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2942	22.073	ug/l	96

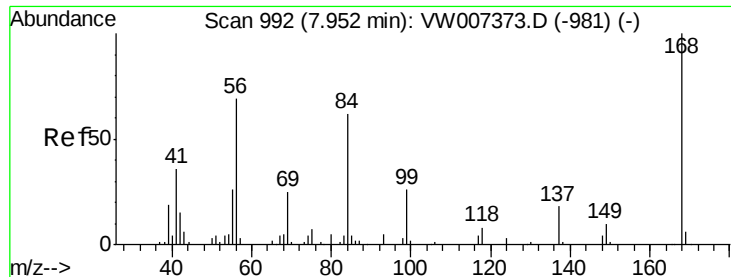
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27153	22.228	ug/l	94
94) Hexachlorobutadiene	15.24	225	14333	22.114	ug/l	98
95) Naphthalene	15.37	128	50165	21.466	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	23175	21.839	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

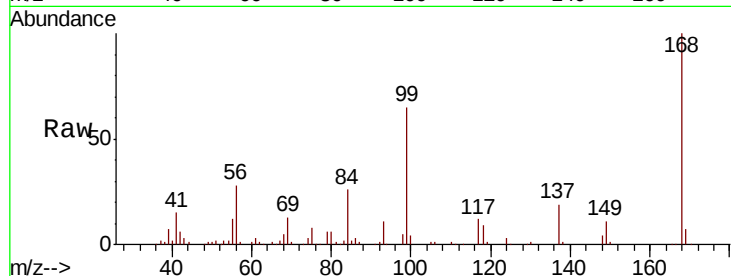
VW1211SBSD01

Tgt Ion:168 Resp: 85201

Ion Ratio Lower Upper

168 100

99 64.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

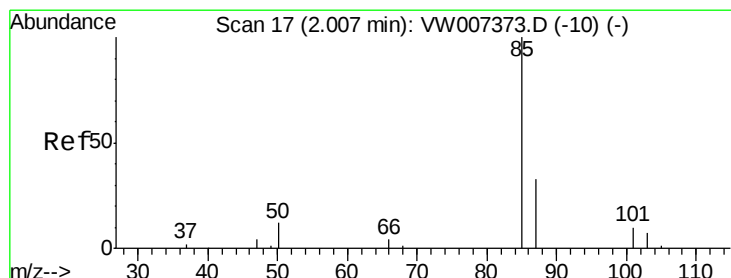
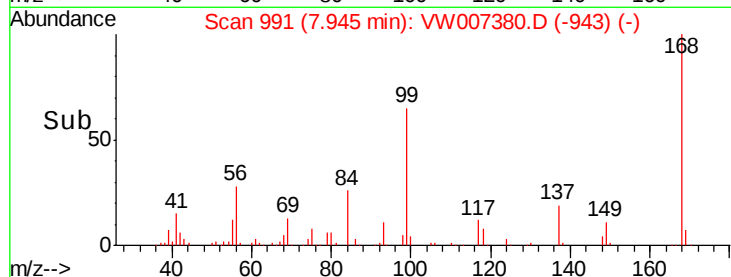
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.606 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007380.D

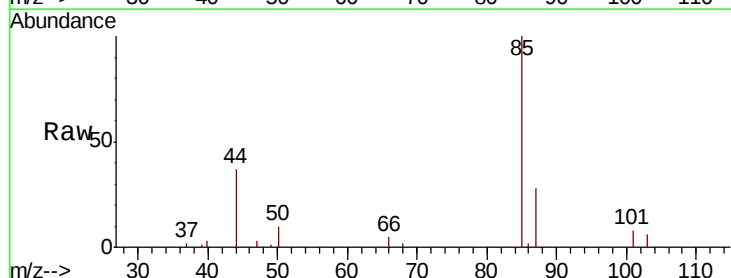
Acq: 11 Dec 2018 03:58

Tgt Ion: 85 Resp: 14055

Ion Ratio Lower Upper

85 100

87 28.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

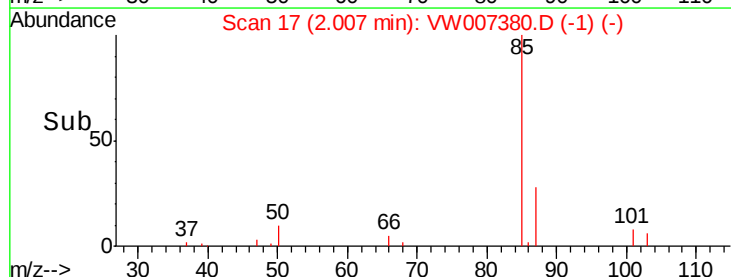
2000

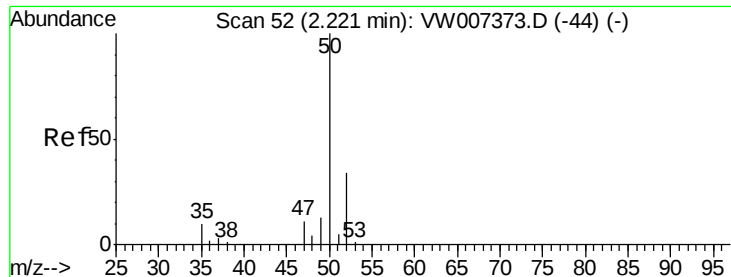
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.942 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

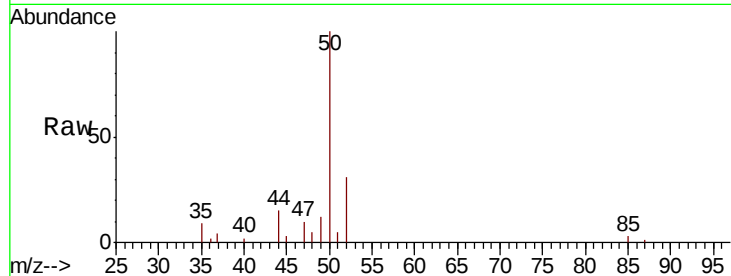
VW1211SBSD01

Tgt Ion: 50 Resp: 10941

Ion Ratio Lower Upper

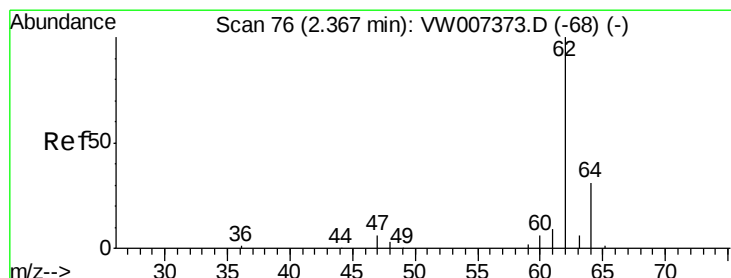
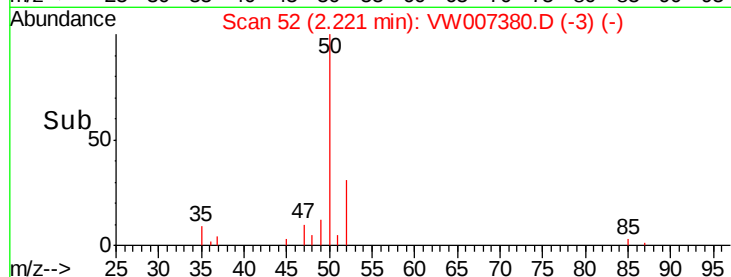
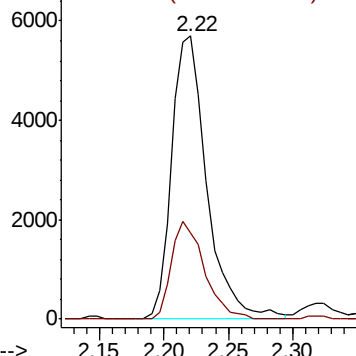
50 100

52 30.7 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.279 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007380.D

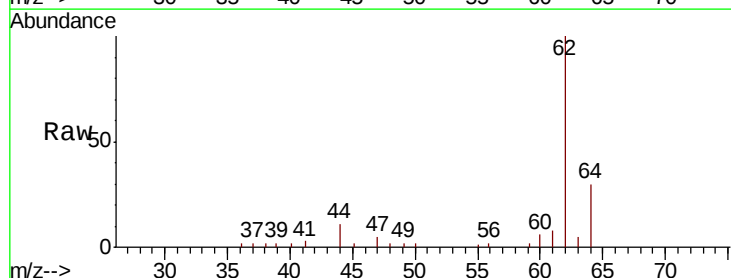
Acq: 11 Dec 2018 03:58

Tgt Ion: 62 Resp: 13622

Ion Ratio Lower Upper

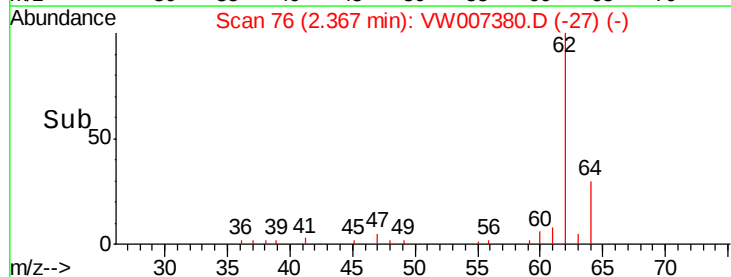
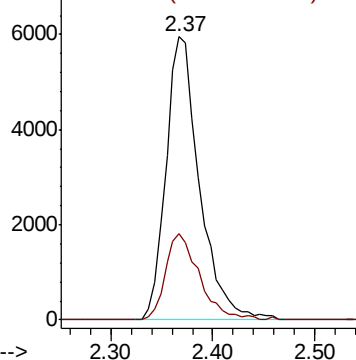
62 100

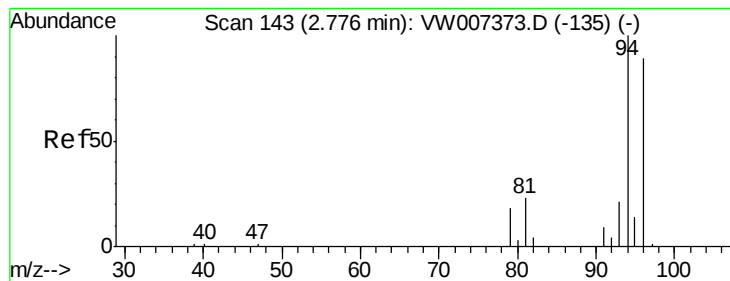
64 30.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.793 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

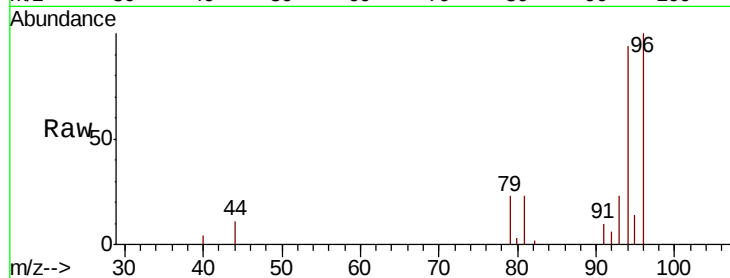
VW1211SBSD01

Tgt Ion: 94 Resp: 8175

Ion Ratio Lower Upper

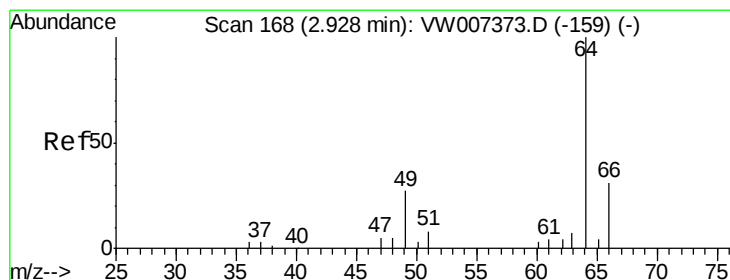
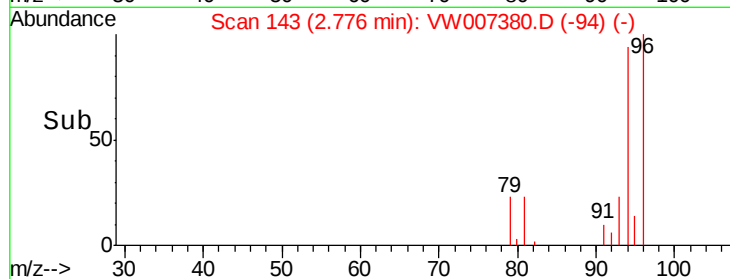
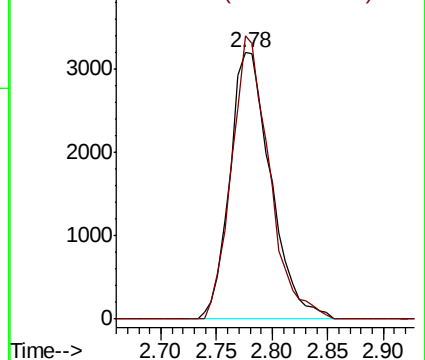
94 100

96 106.3 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.638 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007380.D

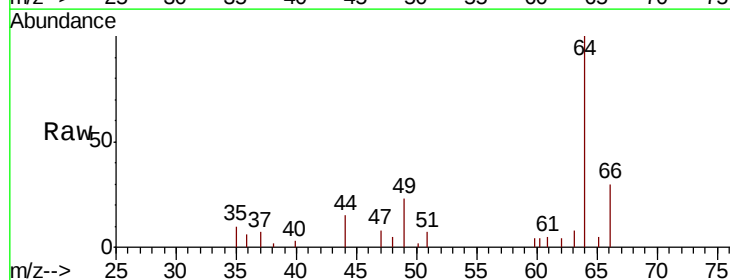
Acq: 11 Dec 2018 03:58

Tgt Ion: 64 Resp: 6970

Ion Ratio Lower Upper

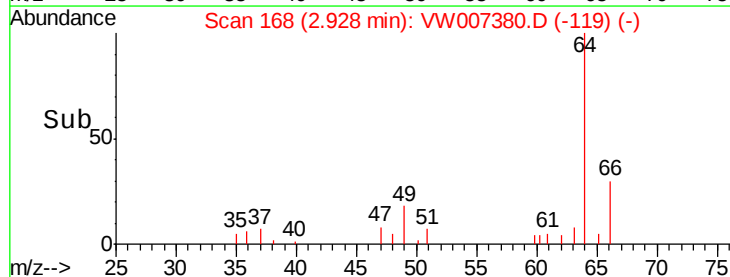
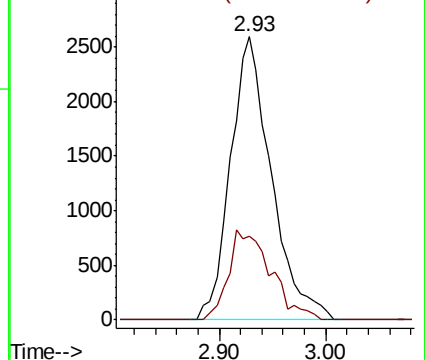
64 100

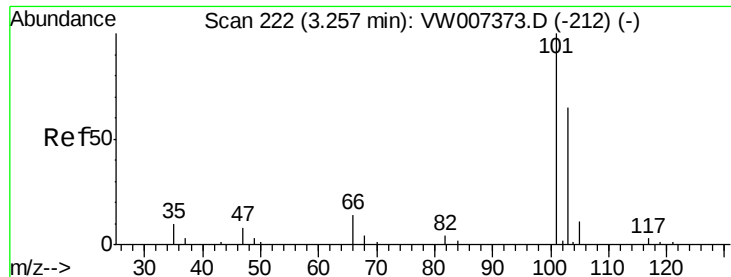
66 29.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



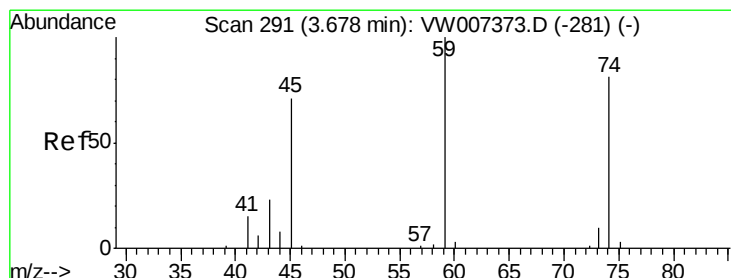
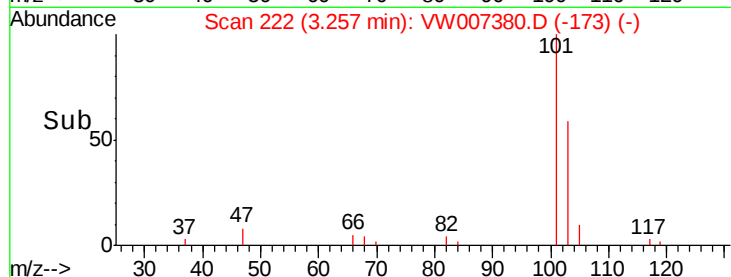
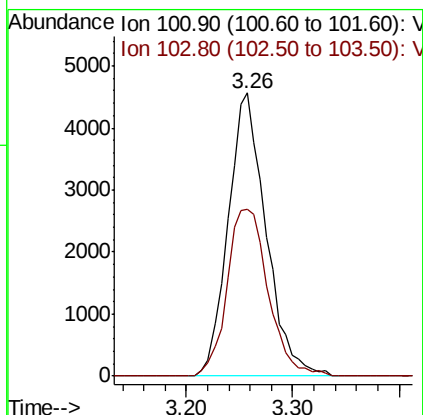
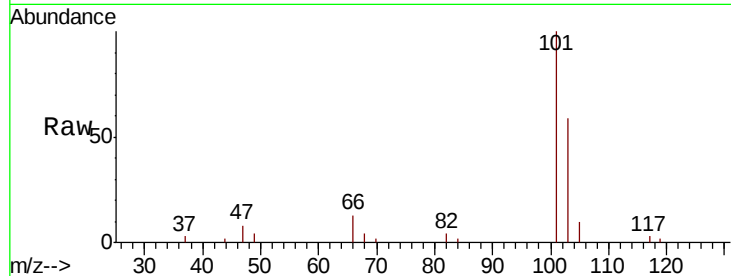


#7

Trichlorofluoromethane
 Concen: 21.582 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
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 VW1211SBSD01

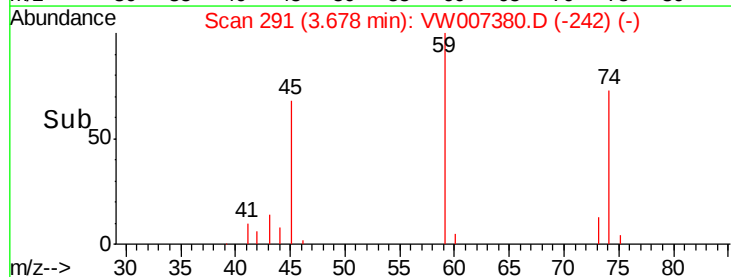
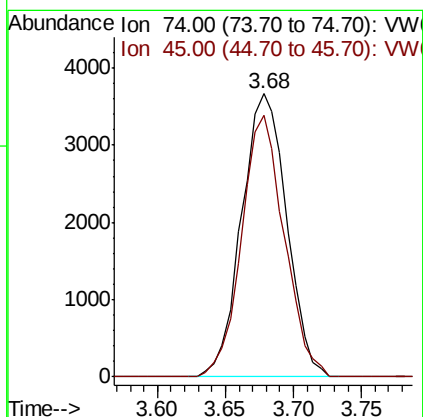
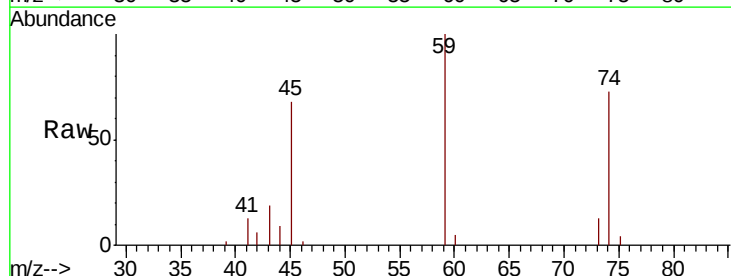
Tgt Ion: 101 Resp: 11354
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.7 77.5

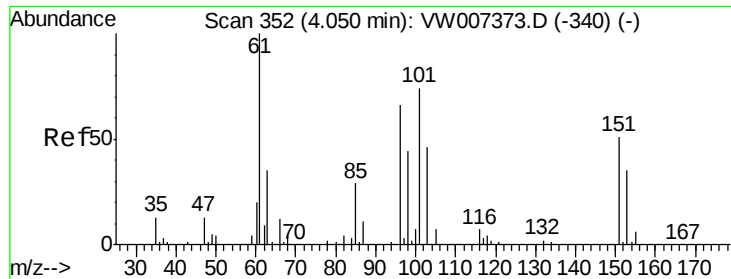


#8

Diethyl Ether
 Concen: 20.653 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 74 Resp: 8504
 Ion Ratio Lower Upper
 74 100
 45 87.4 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.095 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

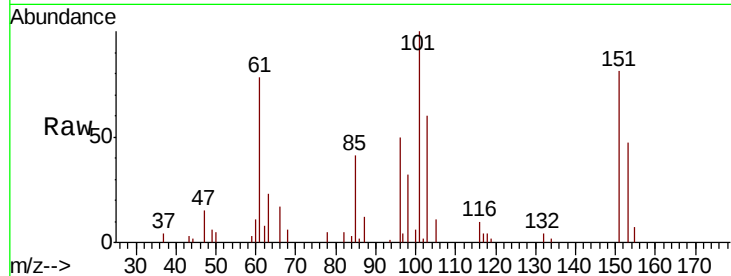
Tgt Ion:101 Resp: 17444

Ion Ratio Lower Upper

101 100

85 45.1 33.9 50.9

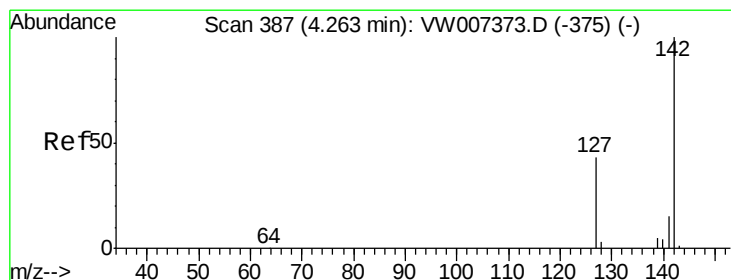
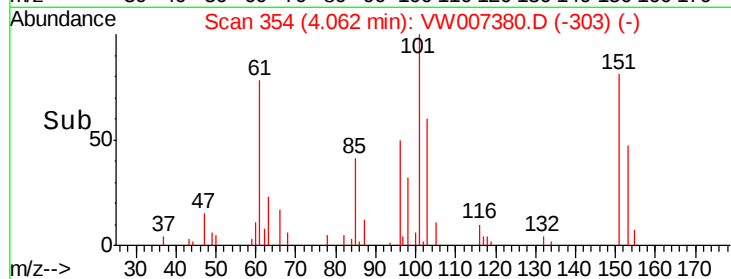
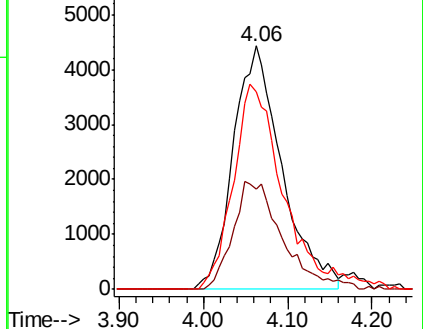
151 83.1 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.887 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

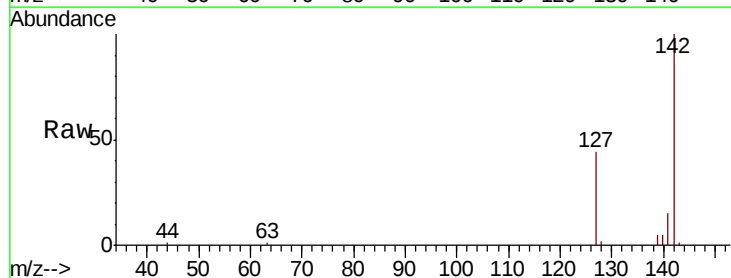
Tgt Ion:142 Resp: 30029

Ion Ratio Lower Upper

142 100

127 45.5 35.8 53.6

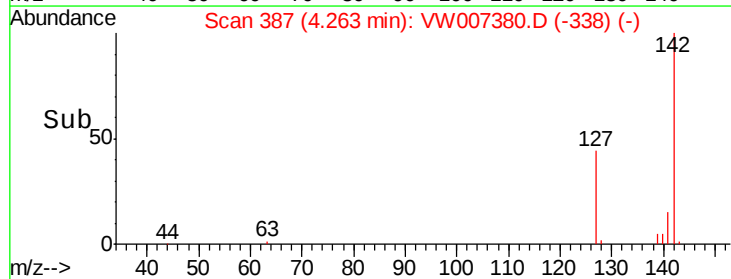
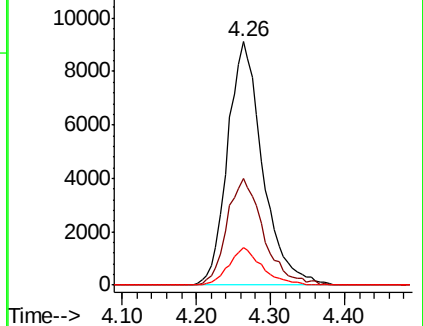
141 14.6 11.1 16.7

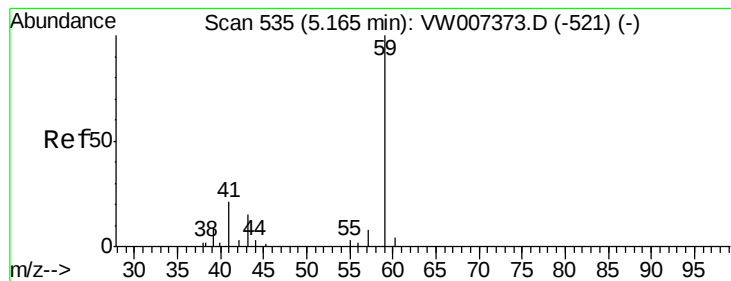


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



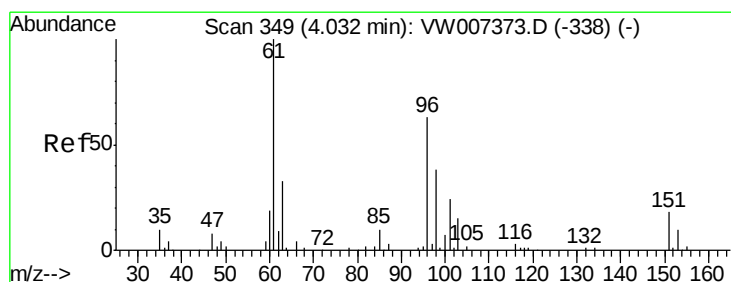
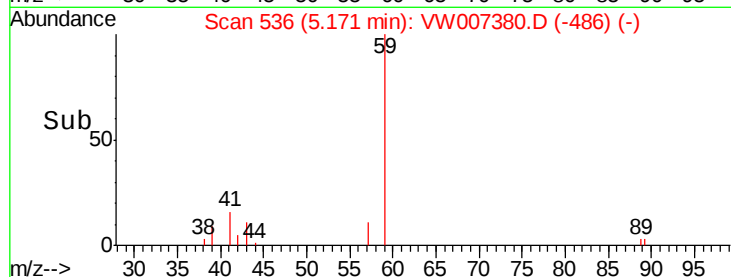
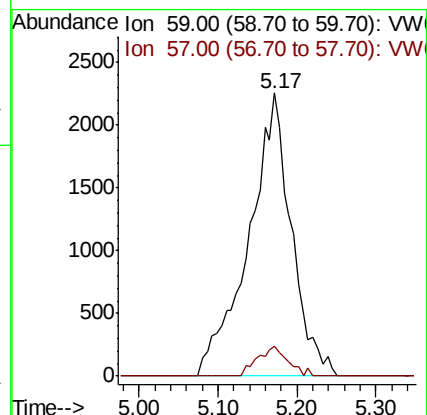
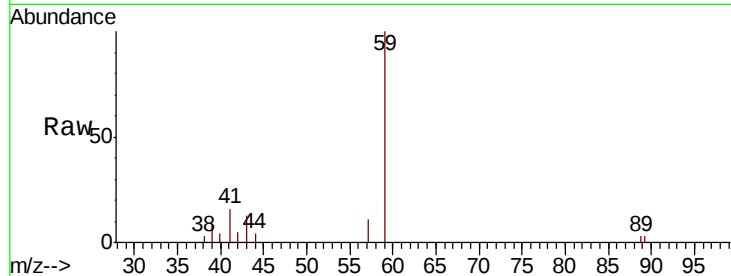


#11

Tert butyl alcohol
 Concen: 130.257 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

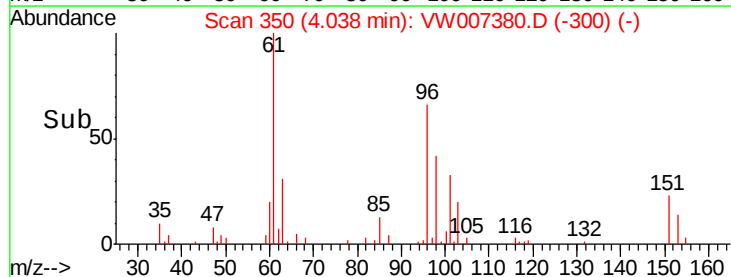
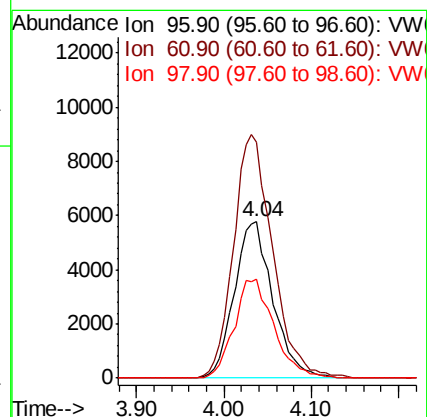
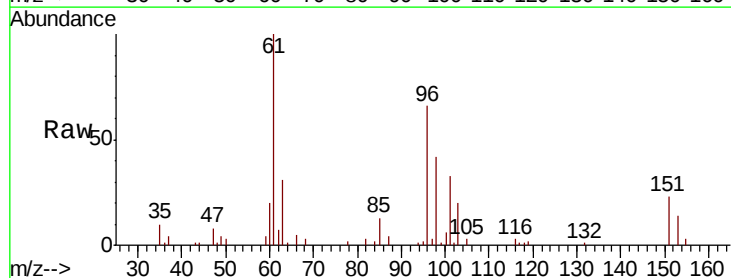
Tgt Ion: 59 Resp: 8456
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.6 11.4#

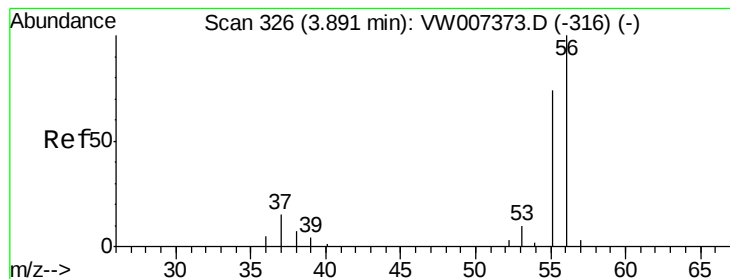


#12

1,1-Dichloroethene
 Concen: 21.145 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 96 Resp: 17673
 Ion Ratio Lower Upper
 96 100
 61 151.0 126.2 189.2
 98 63.6 48.3 72.5





#13

Acrolein

Concen: 112.535 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

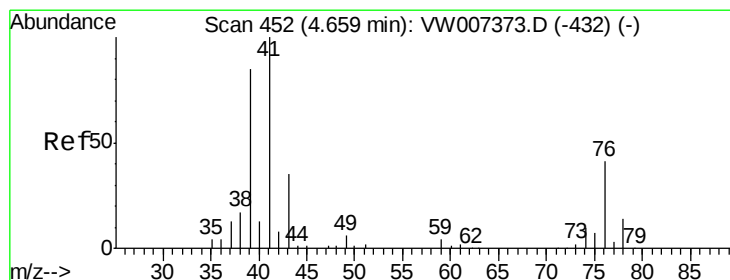
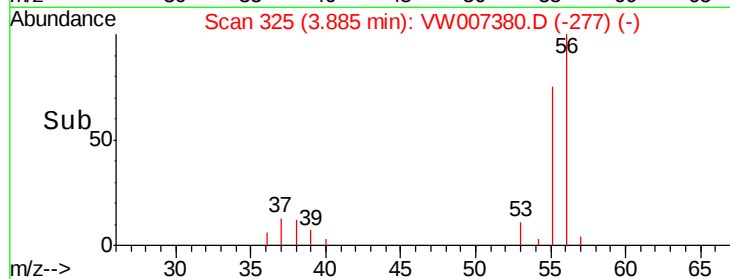
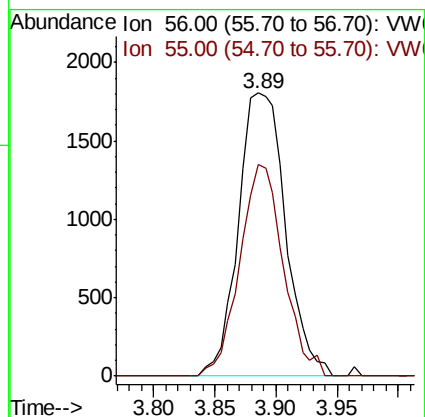
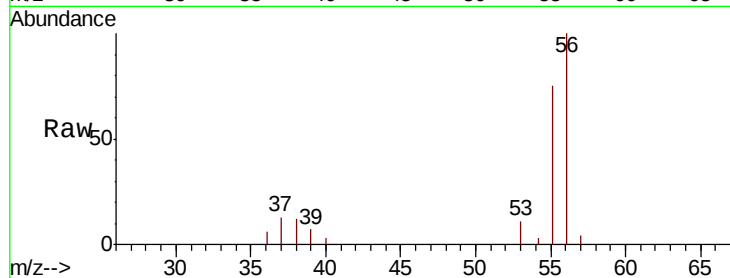
VW1211SBSD01

Tgt Ion: 56 Resp: 4834

Ion Ratio Lower Upper

56 100

55 69.1 57.4 86.2



#14

Allyl chloride

Concen: 20.758 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

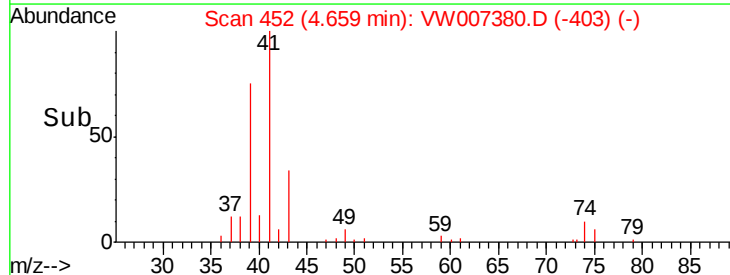
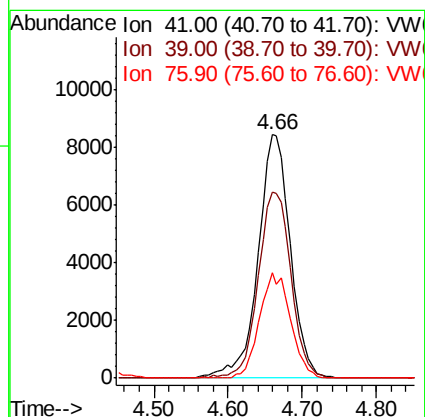
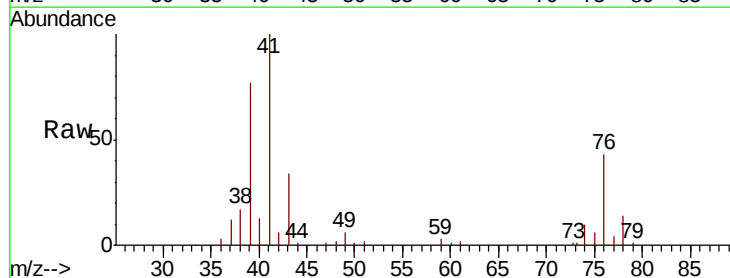
Tgt Ion: 41 Resp: 25574

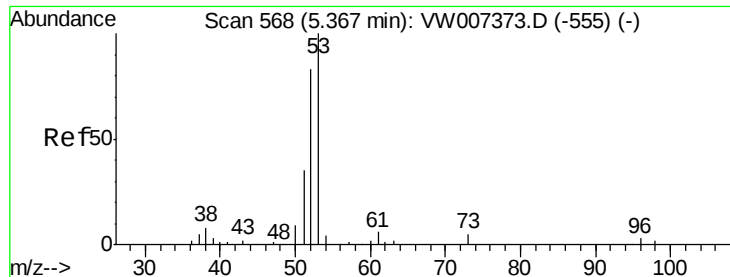
Ion Ratio Lower Upper

41 100

39 77.6 63.4 95.2

76 41.5 32.1 48.1





#15

Acrylonitrile

Concen: 102.787 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

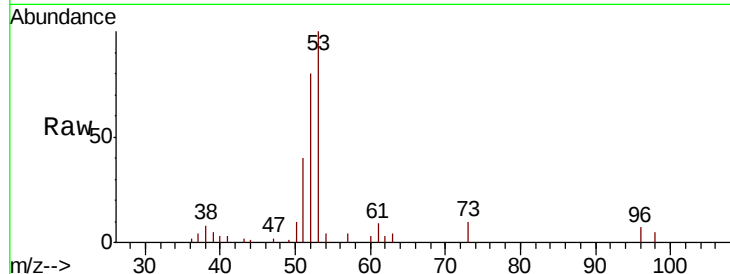
Tgt Ion: 53 Resp: 17842

Ion Ratio Lower Upper

53 100

52 84.5 67.4 101.2

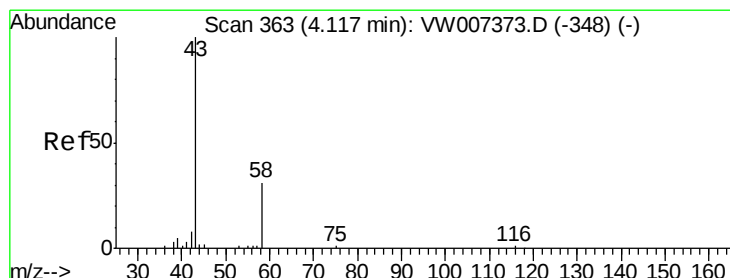
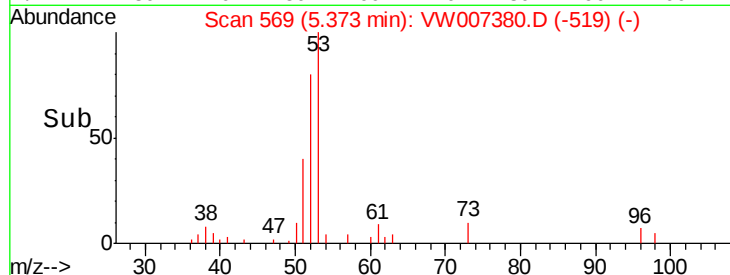
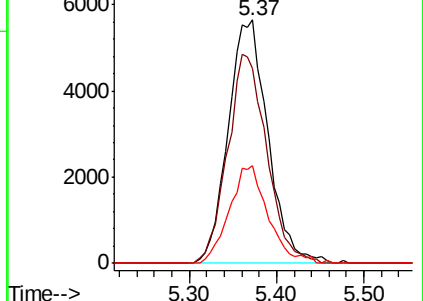
51 38.8 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 99.597 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007380.D

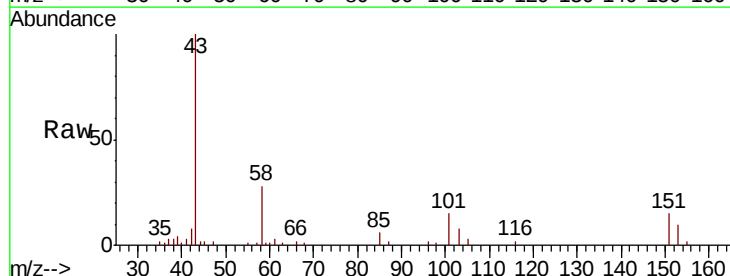
Acq: 11 Dec 2018 03:58

Tgt Ion: 43 Resp: 16444

Ion Ratio Lower Upper

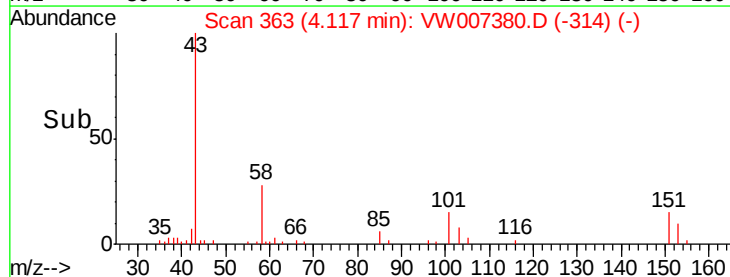
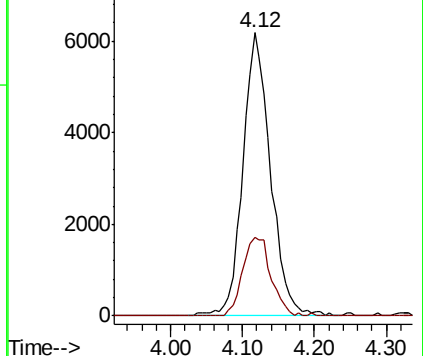
43 100

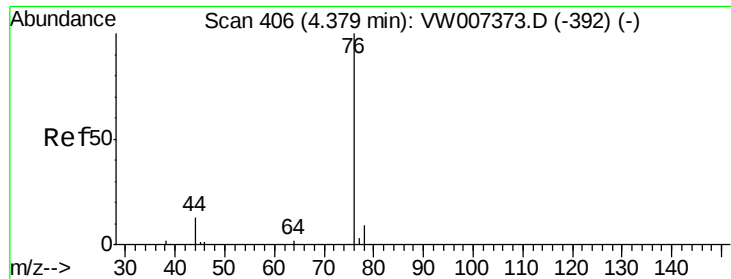
58 27.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

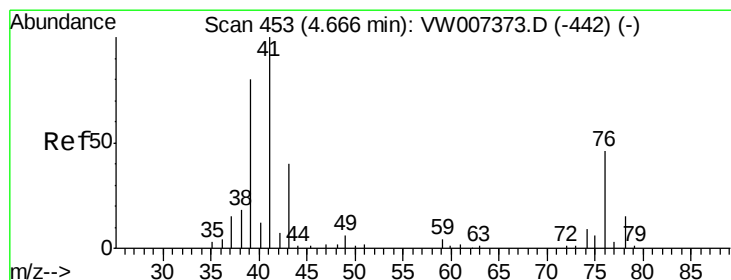
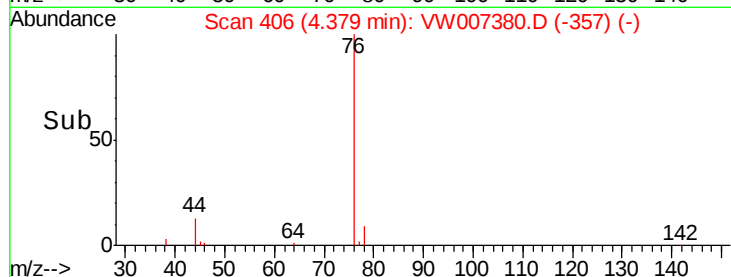
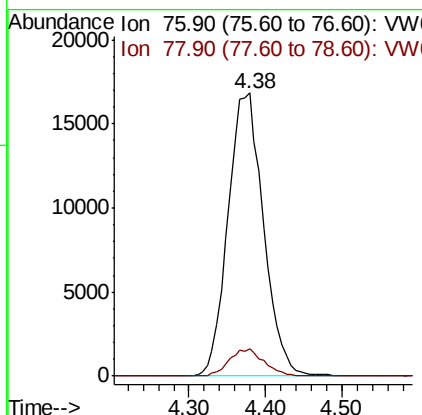
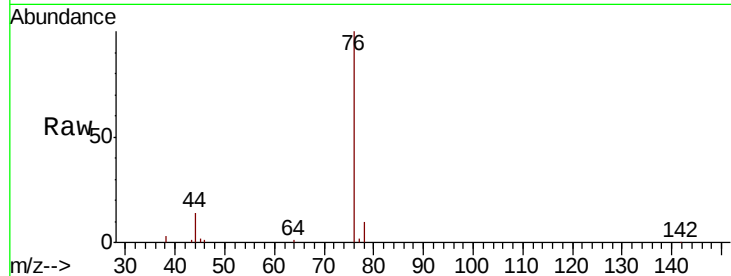




#17
Carbon Disulfide
Concen: 21.356 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

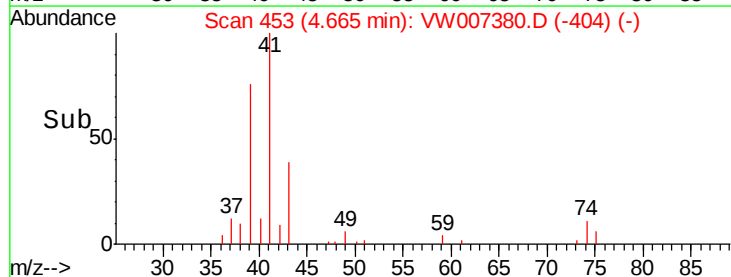
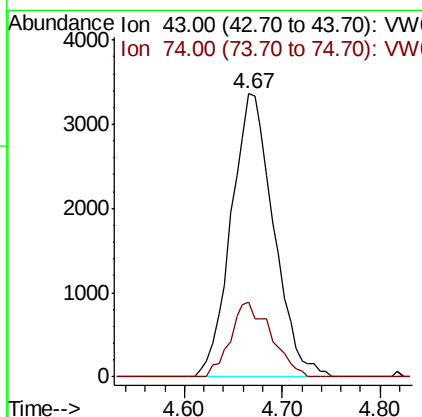
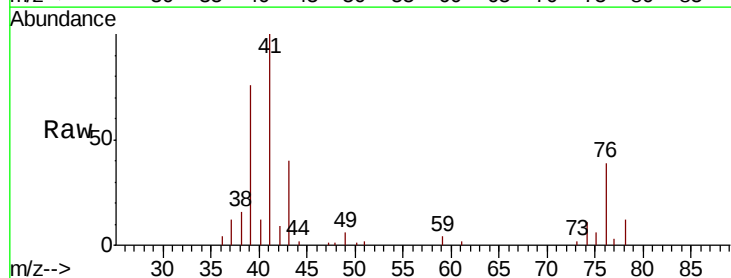
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

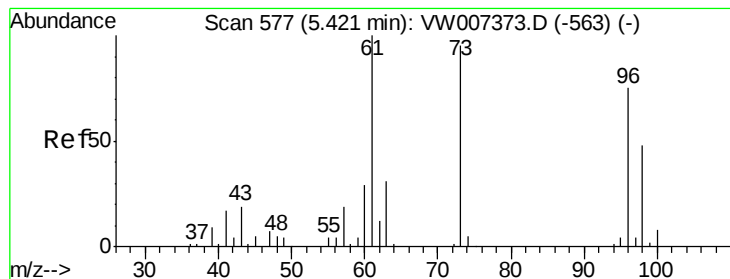
Tgt Ion: 76 Resp: 54119
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 22.559 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 43 Resp: 10109
Ion Ratio Lower Upper
43 100
74 25.2 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 21.574 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

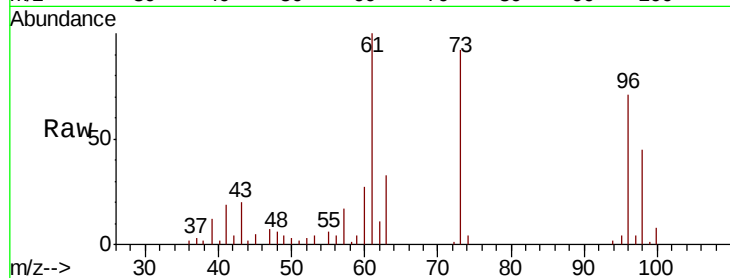
VW1211SBSD01

Tgt Ion: 73 Resp: 27201

Ion Ratio Lower Upper

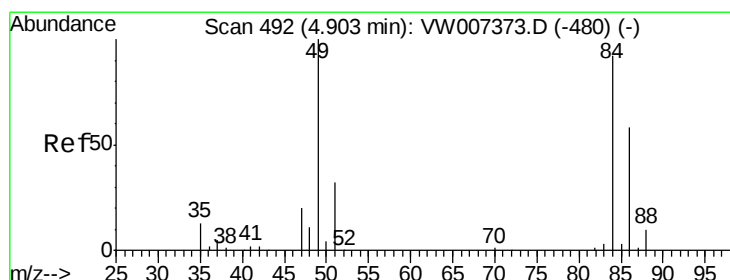
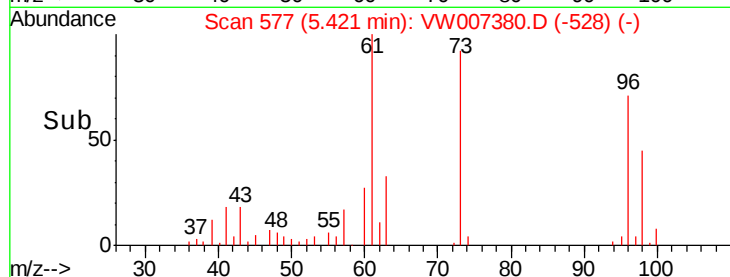
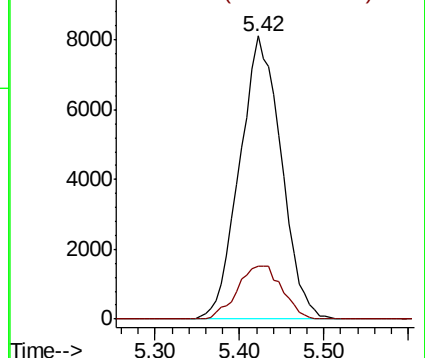
73 100

57 18.7 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 20.262 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion: 84 Resp: 20398

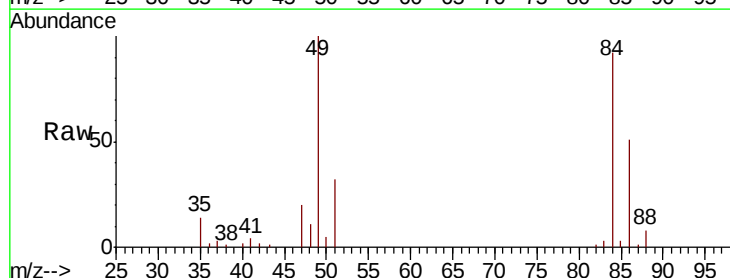
Ion Ratio Lower Upper

84 100

49 108.5 87.1 130.7

51 35.0 28.2 42.2

86 55.8 50.8 76.2

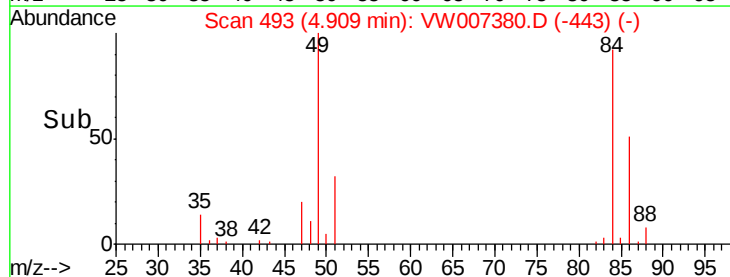
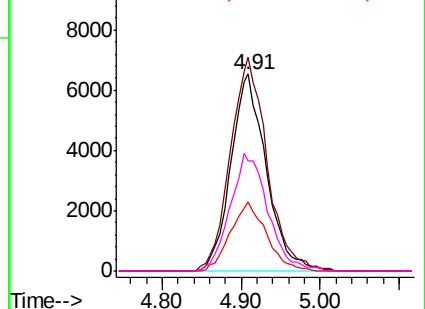


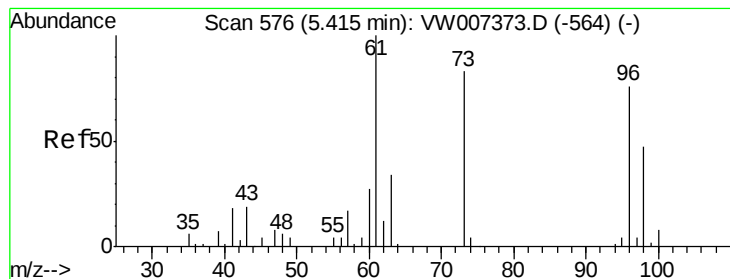
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 20.459 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

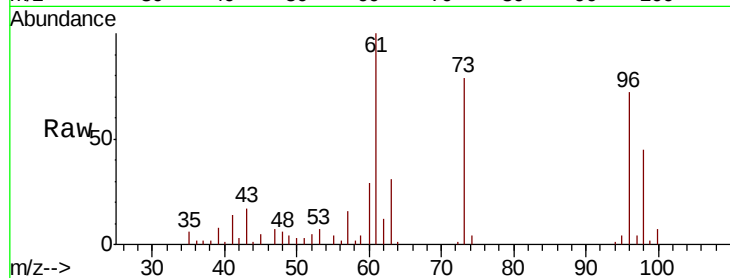
Tgt Ion: 96 Resp: 19129

Ion Ratio Lower Upper

96 100

61 138.0 105.0 157.6

98 62.7 49.7 74.5

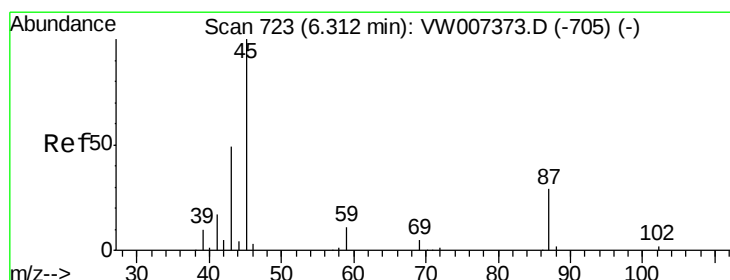
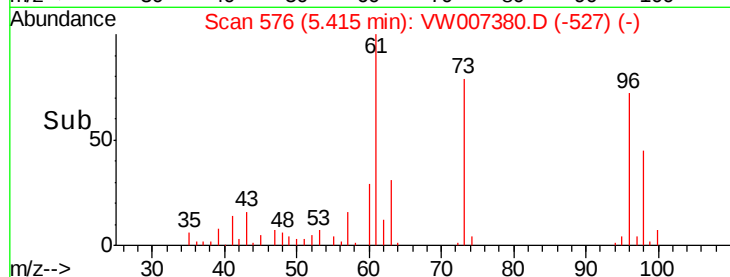
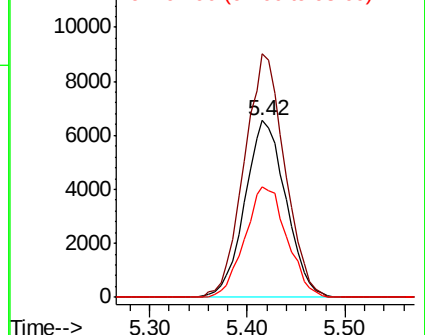


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.957 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion: 45 Resp: 49628

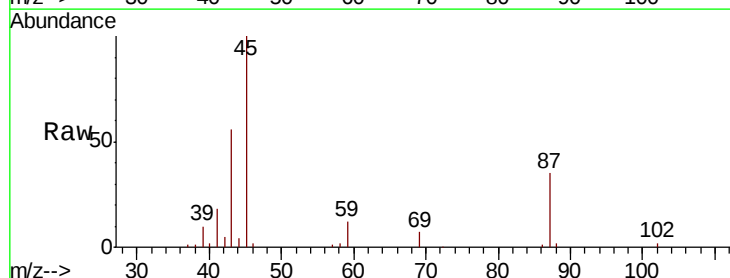
Ion Ratio Lower Upper

45 100

43 55.3 41.6 62.4

87 34.9 24.3 36.5

59 12.0 9.4 14.0



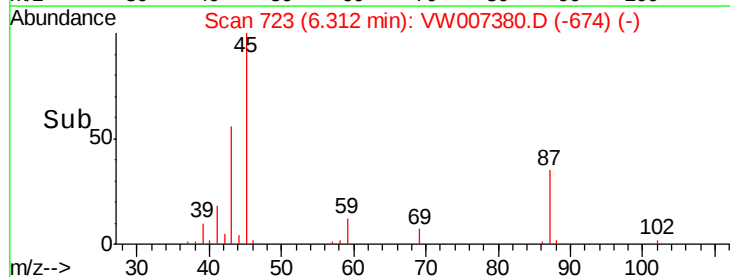
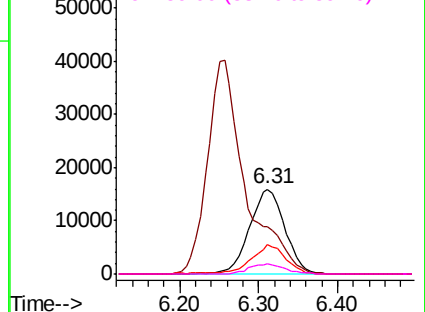
Abundance

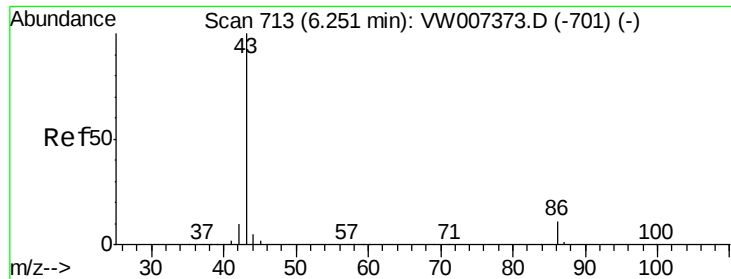
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.364 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

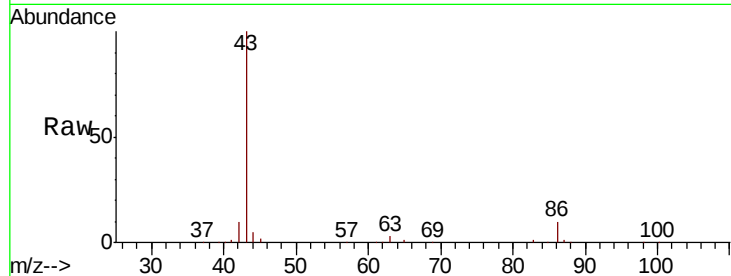
VW1211SBSD01

Tgt Ion: 43 Resp: 134260

Ion Ratio Lower Upper

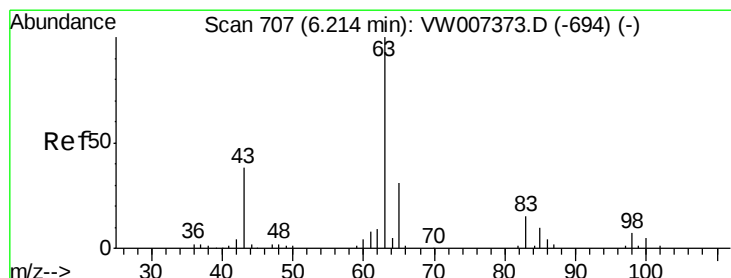
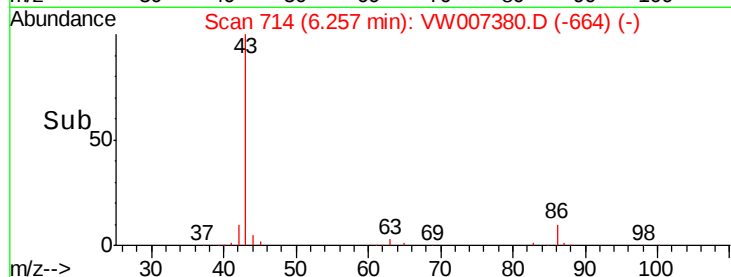
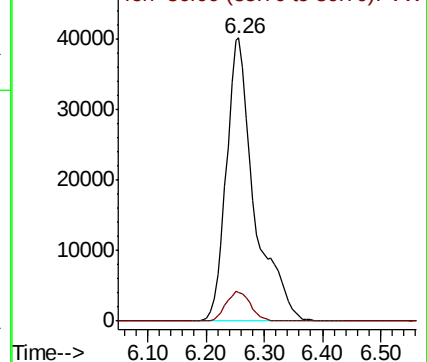
43 100

86 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.919 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

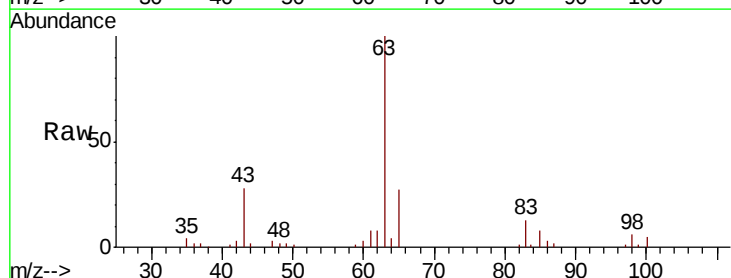
Tgt Ion: 63 Resp: 31880

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

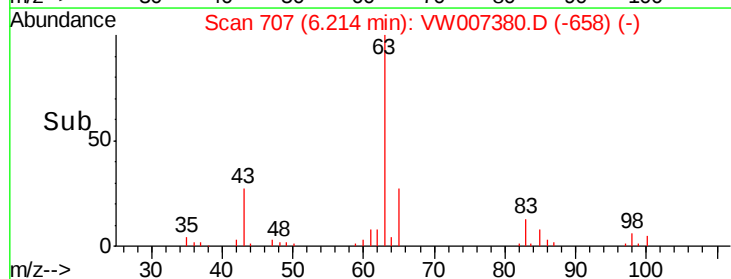
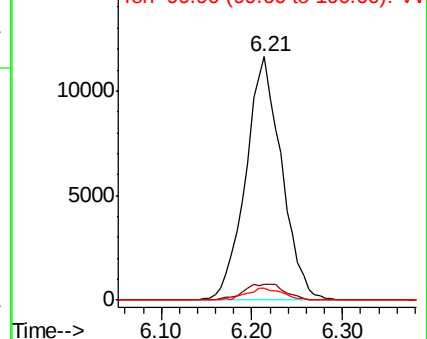
100 4.6 2.5 7.5

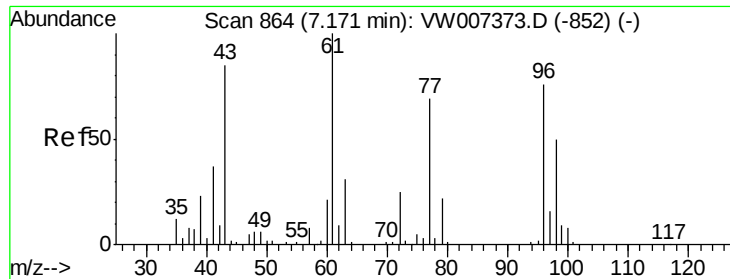


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.293 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

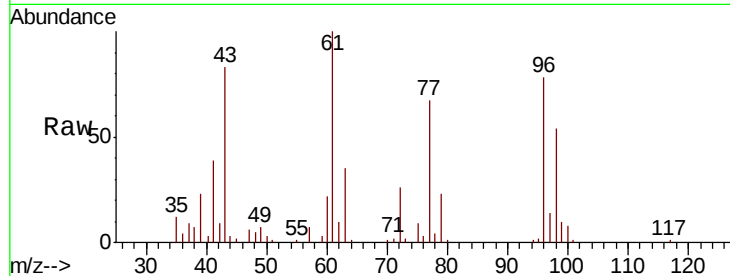
VW1211SBSD01

Tgt Ion: 43 Resp: 21402

Ion Ratio Lower Upper

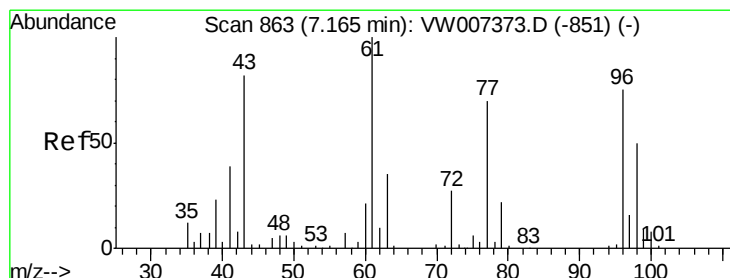
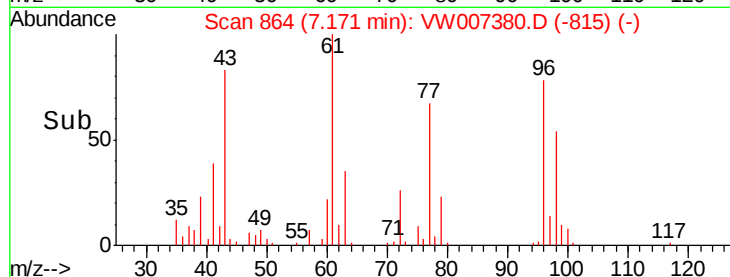
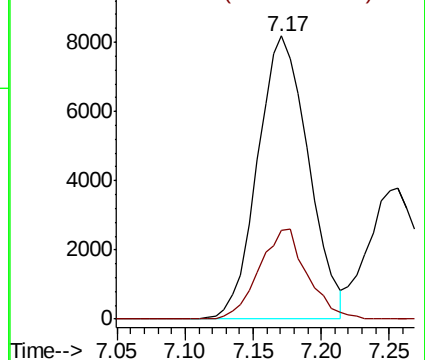
43 100

72 31.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 20.341 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007380.D

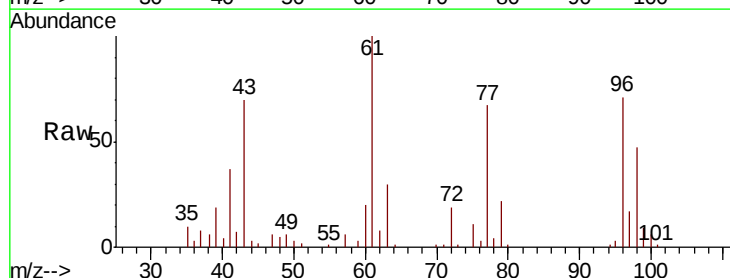
Acq: 11 Dec 2018 03:58

Tgt Ion: 77 Resp: 21546

Ion Ratio Lower Upper

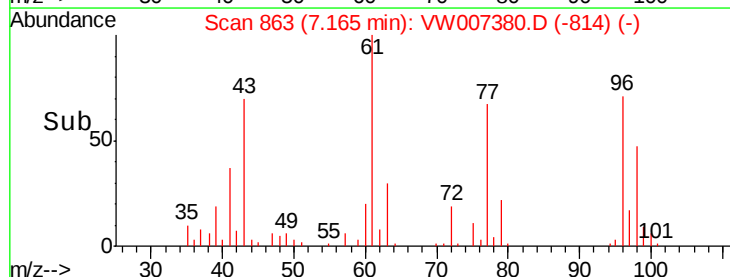
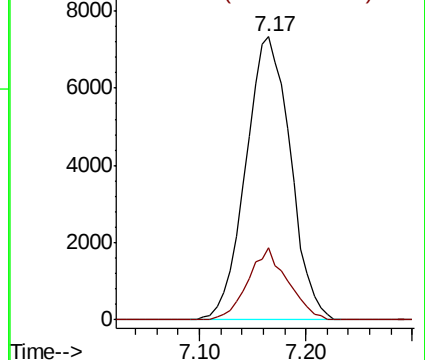
77 100

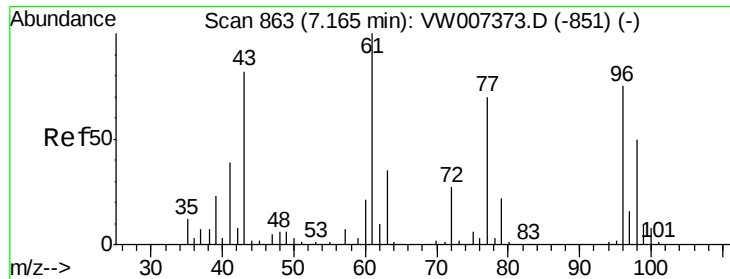
97 22.6 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



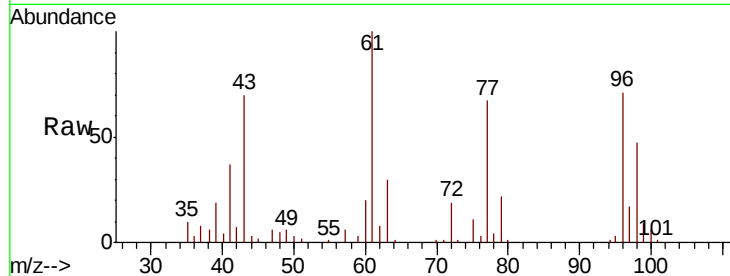


#27

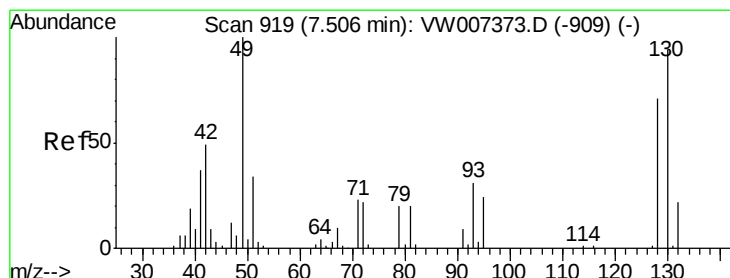
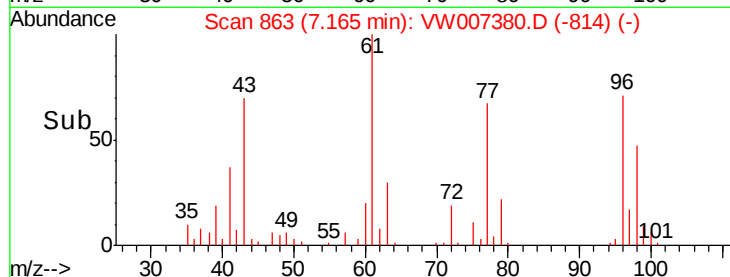
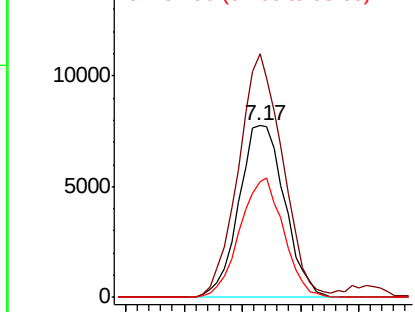
cis-1,2-Dichloroethene
Concen: 20.698 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 96 Resp: 21190
Ion Ratio Lower Upper
96 100
61 136.6 0.0 268.4
98 65.9 0.0 127.8



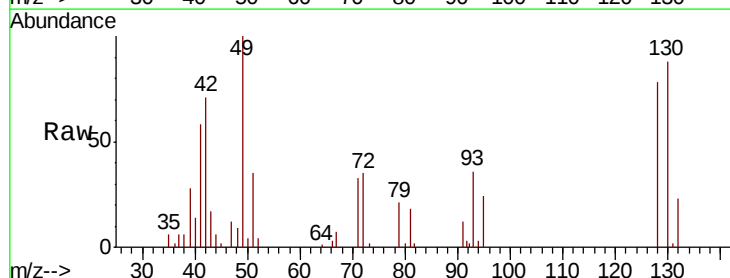
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



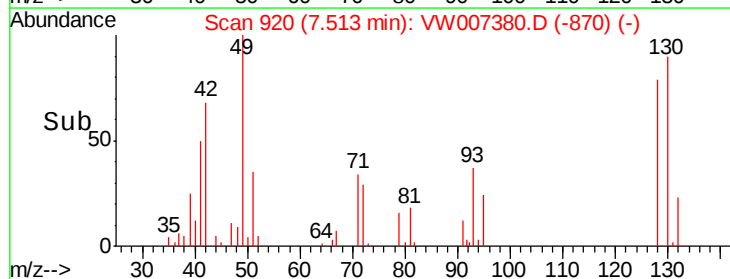
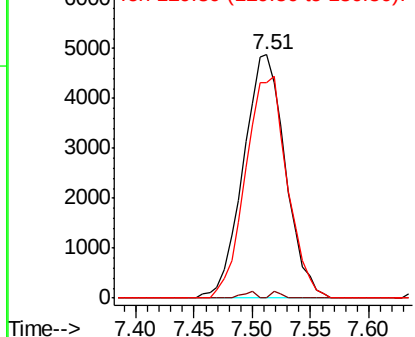
#28

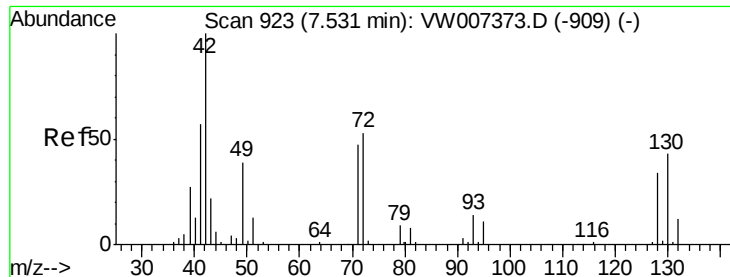
Bromochloromethane
Concen: 20.332 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 49 Resp: 12240
Ion Ratio Lower Upper
49 100
129 0.7 0.0 2.6
130 90.1 75.9 113.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

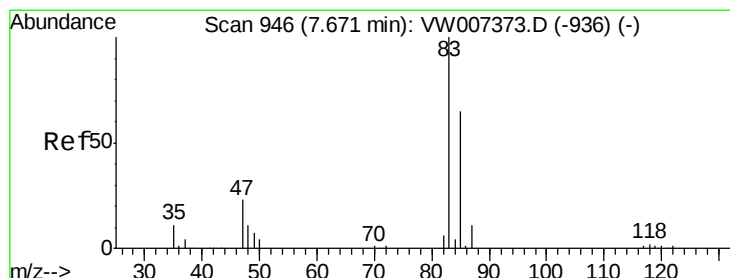
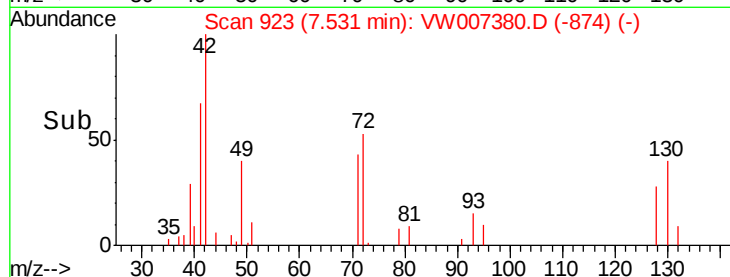
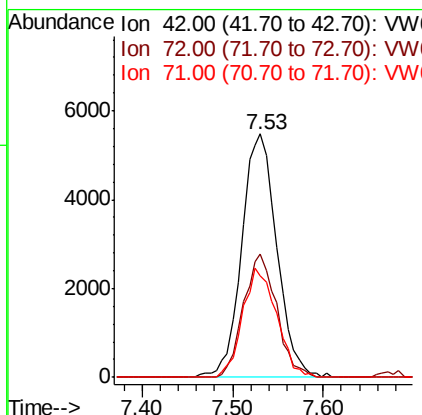
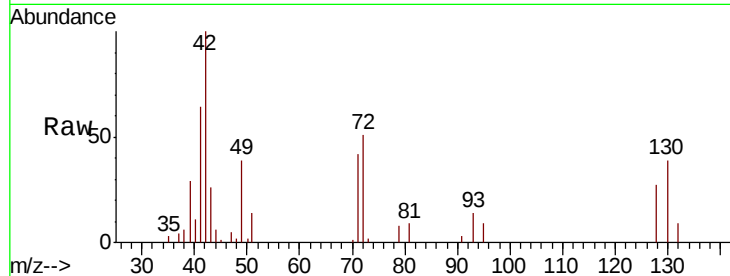




#29
Tetrahydrofuran
Concen: 107.531 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

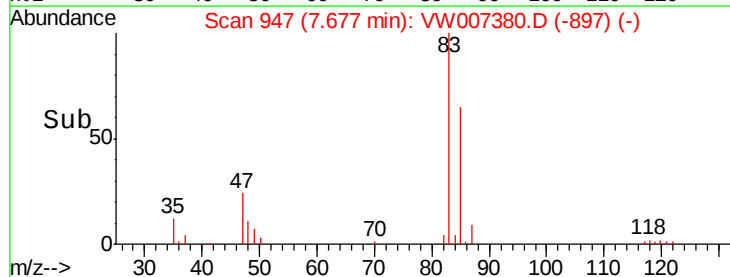
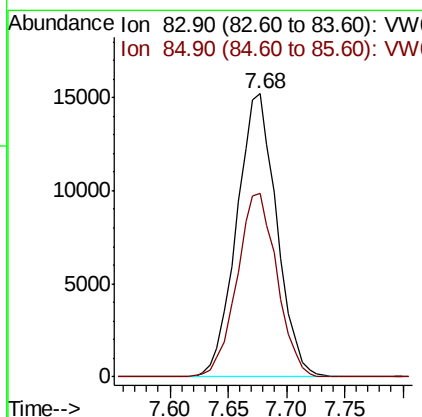
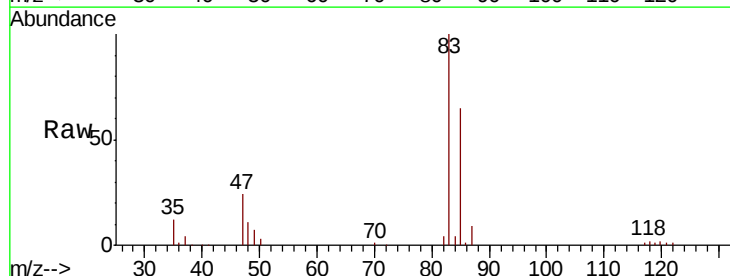
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

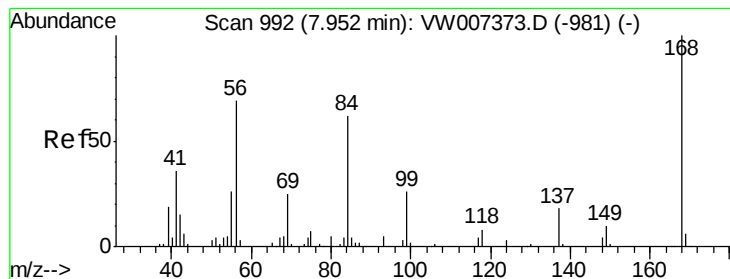
Tgt Ion: 42 Resp: 14673
Ion Ratio Lower Upper
42 100
72 47.8 38.2 57.4
71 43.5 35.5 53.3



#30
Chloroform
Concen: 20.808 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 83 Resp: 36241
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8





#31

Cyclohexane

Concen: 20.706 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

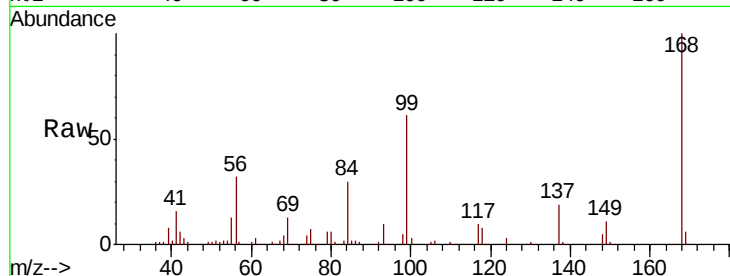
Tgt Ion: 56 Resp: 30405

Ion Ratio Lower Upper

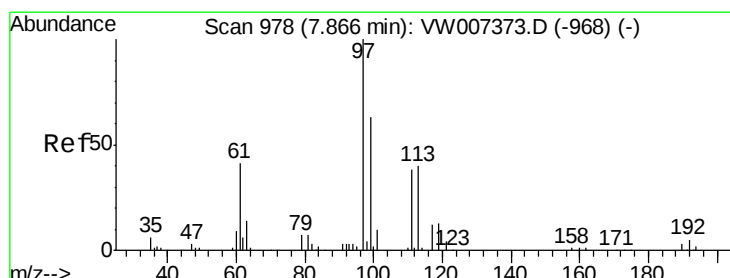
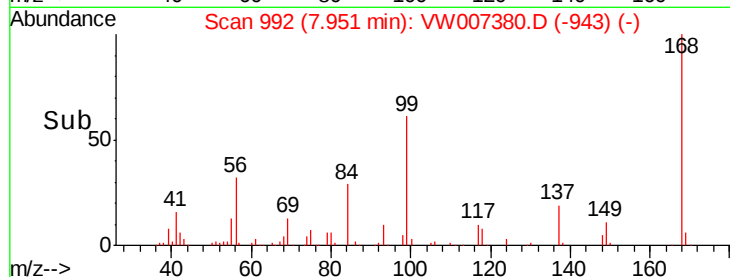
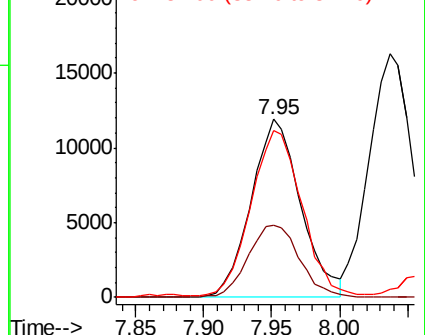
56 100

69 40.5 28.9 43.3

84 93.1 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 20.718 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

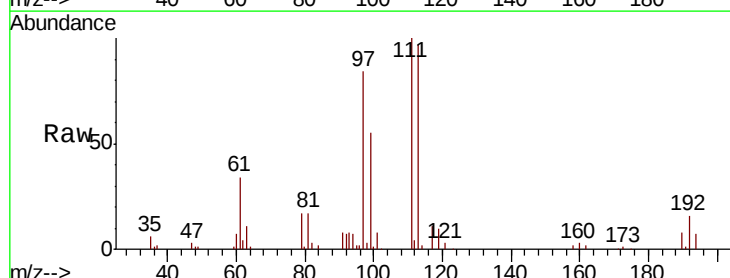
Tgt Ion: 97 Resp: 31644

Ion Ratio Lower Upper

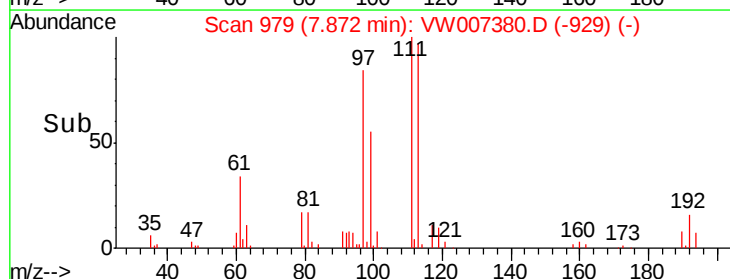
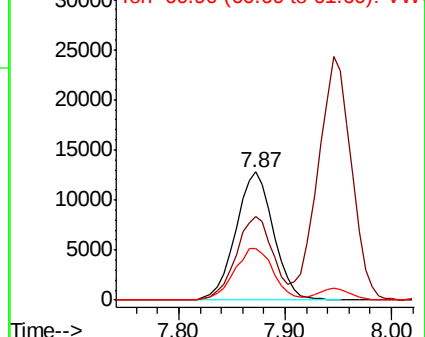
97 100

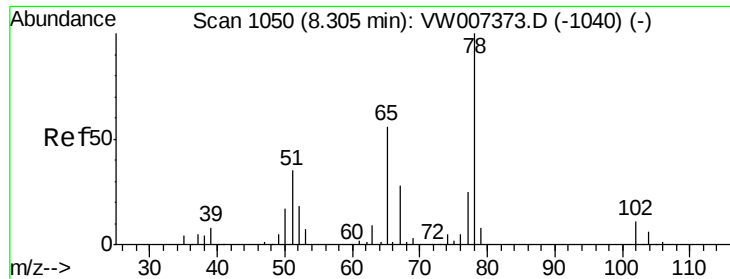
99 63.7 51.1 76.7

61 42.5 33.2 49.8



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

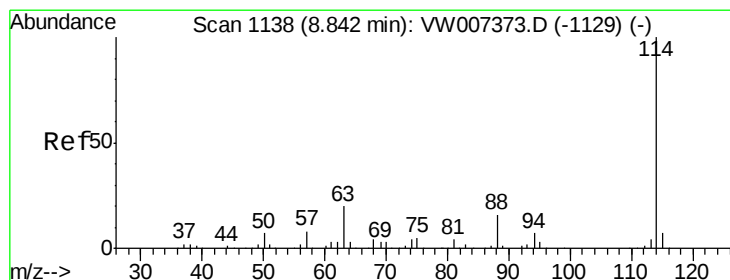
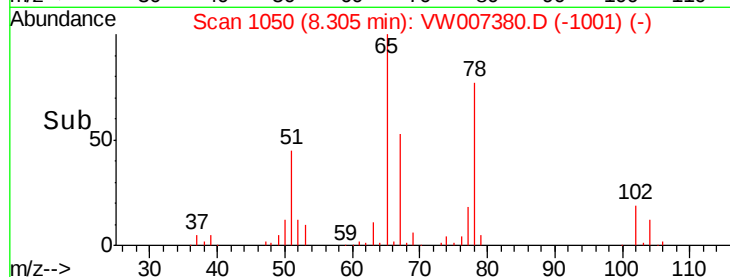
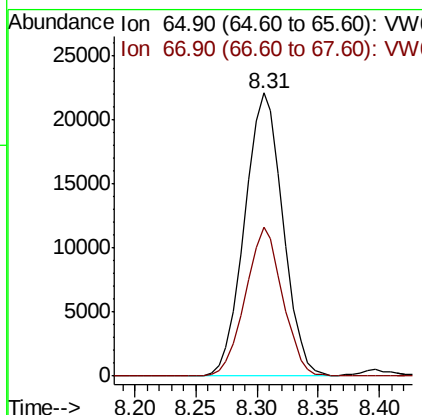
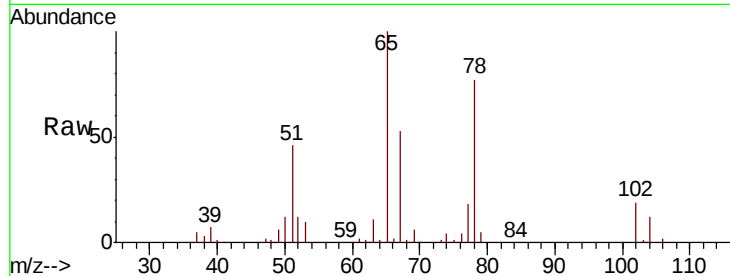




#33
 1,2-Dichloroethane-d4
 Concen: 50.972 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

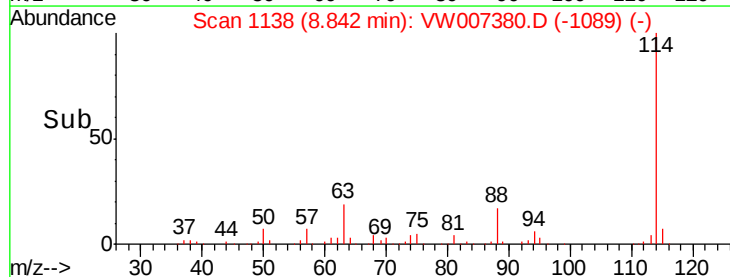
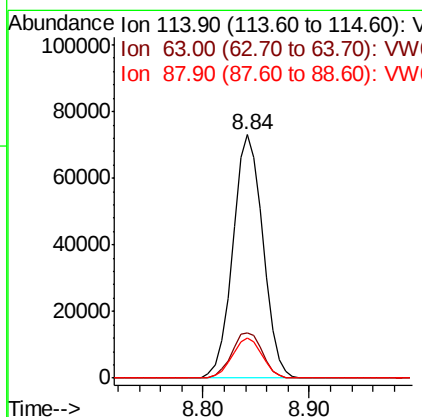
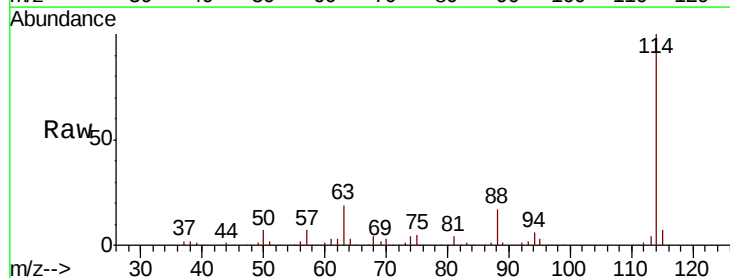
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

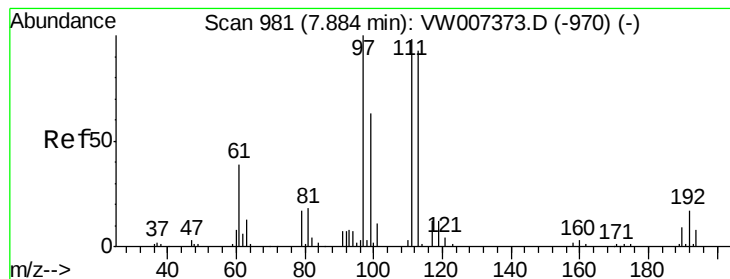
Tgt Ion: 65 Resp: 48181
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 114 Resp: 144708
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

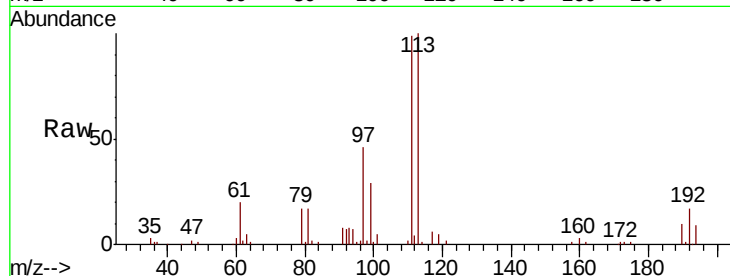
Tgt Ion: 113 Resp: 45485

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

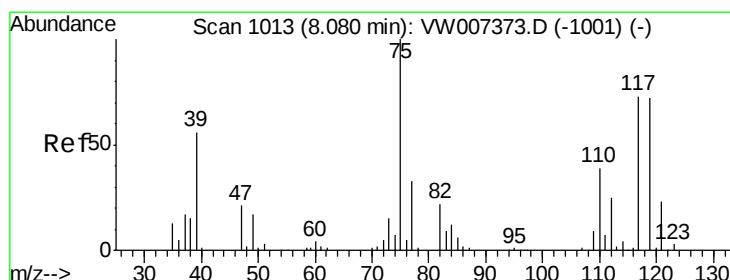
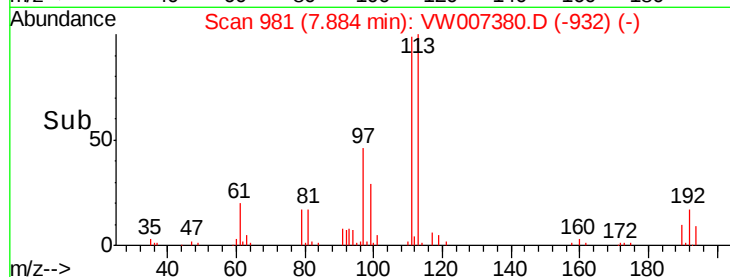
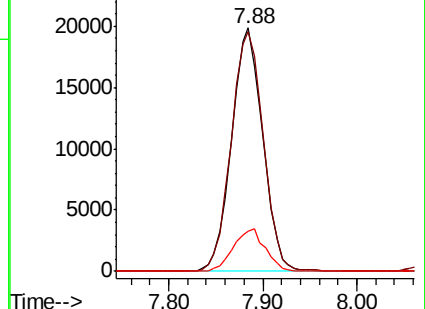
192 17.7 14.6 21.8



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: 21.157 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

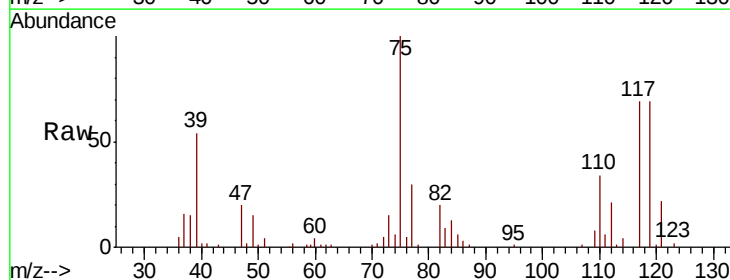
Tgt Ion: 75 Resp: 27929

Ion Ratio Lower Upper

75 100

110 37.5 18.5 55.5

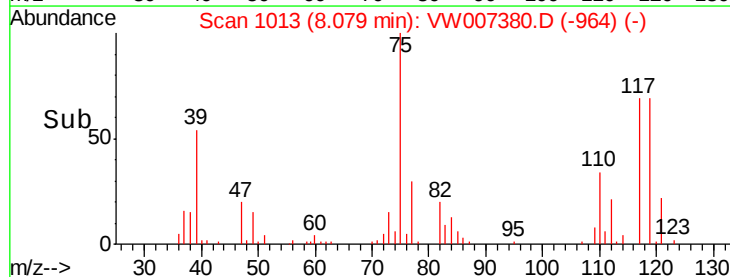
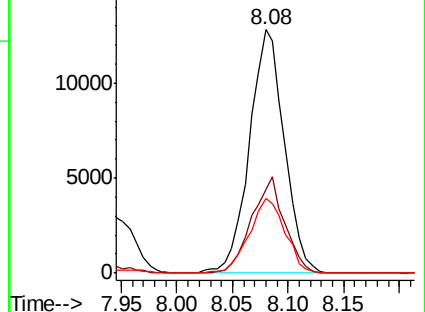
77 31.4 25.6 38.4

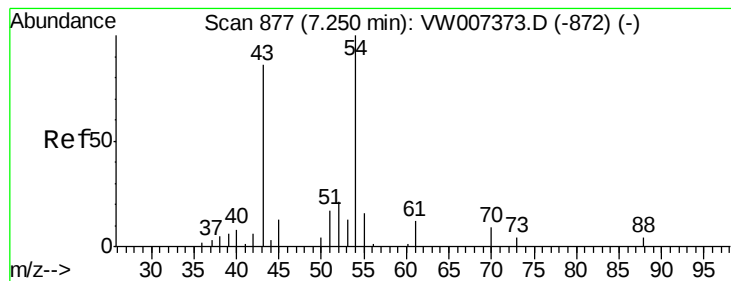


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 20.929 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

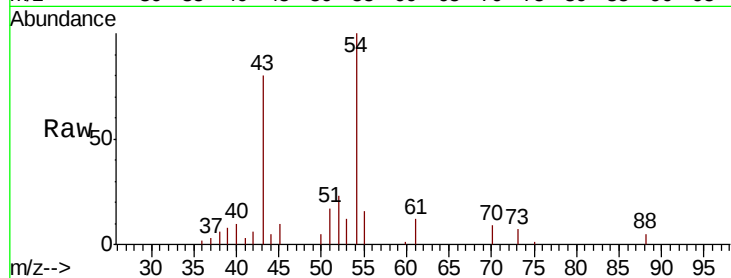
Tgt Ion: 43 Resp: 10276

Ion Ratio Lower Upper

43 100

61 12.5 12.1 18.1

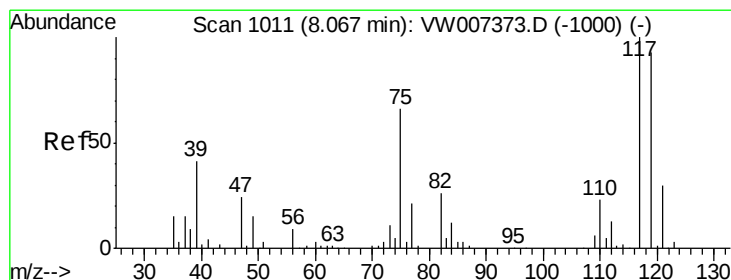
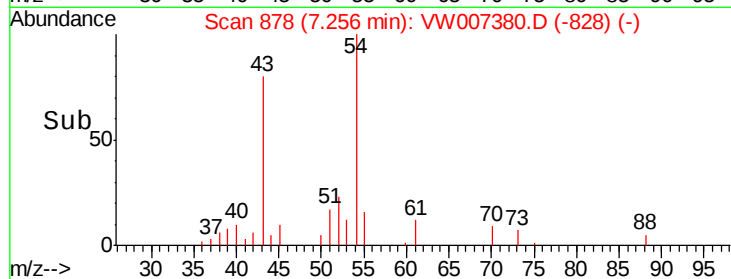
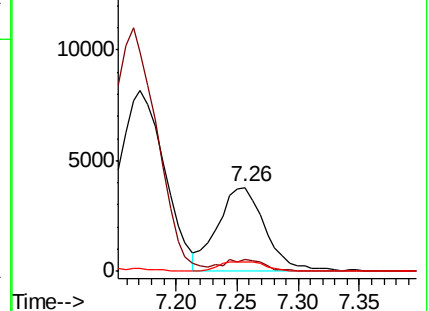
70 10.8 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.175 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

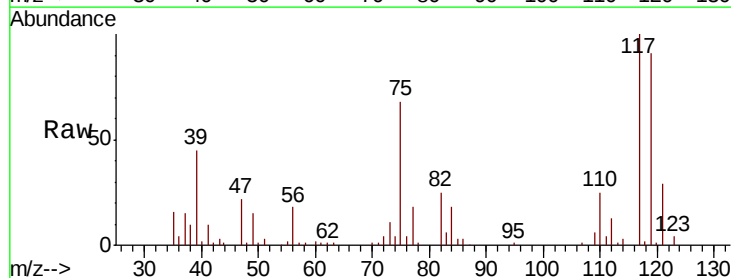
Tgt Ion: 117 Resp: 30414

Ion Ratio Lower Upper

117 100

119 91.3 74.3 111.5

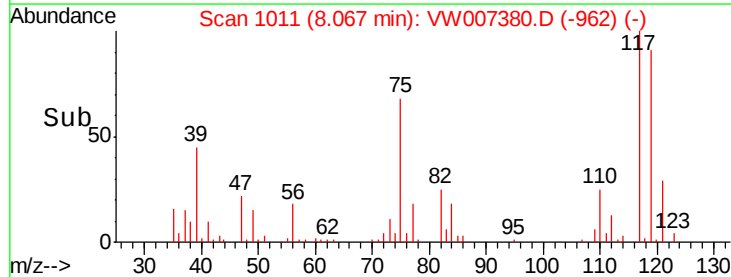
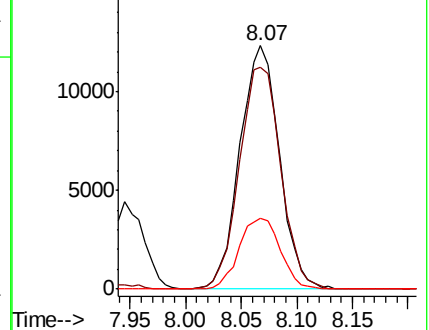
121 28.9 24.3 36.5

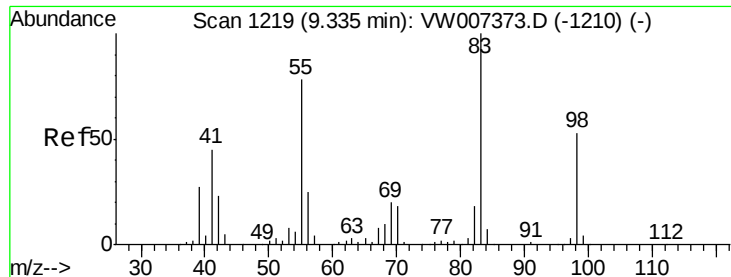


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

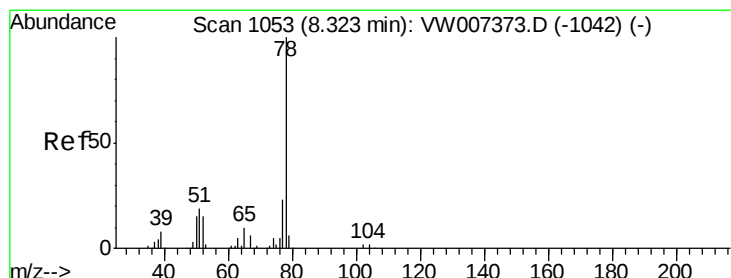
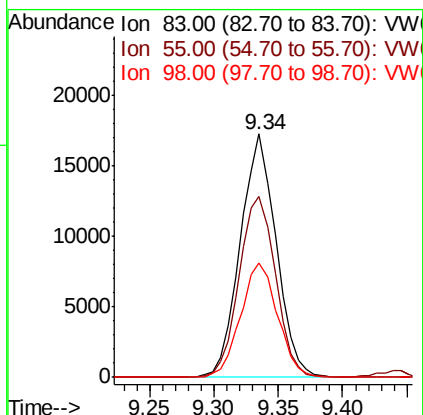
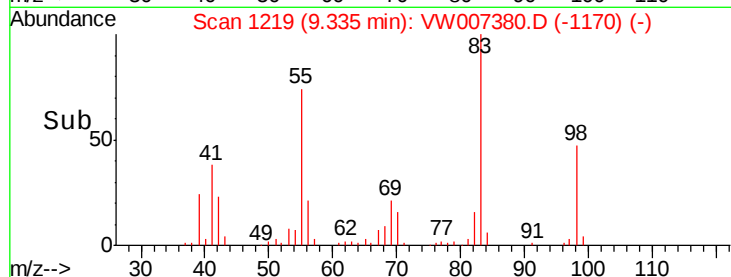
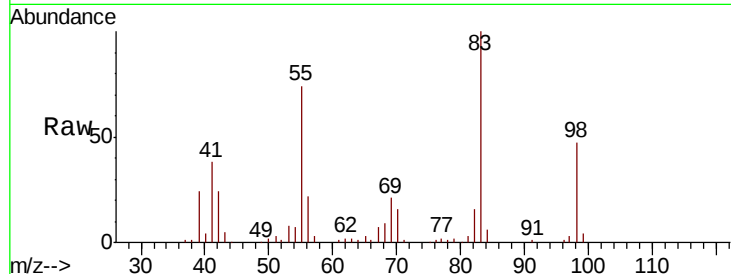




#39
Methylcyclohexane
Concen: 20.802 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

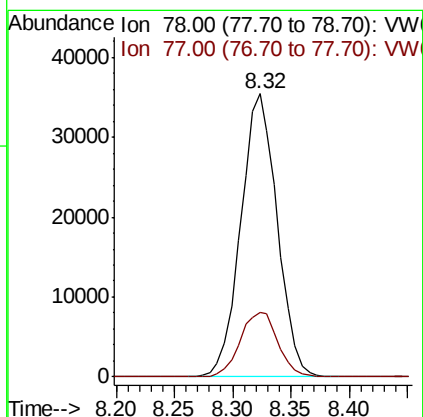
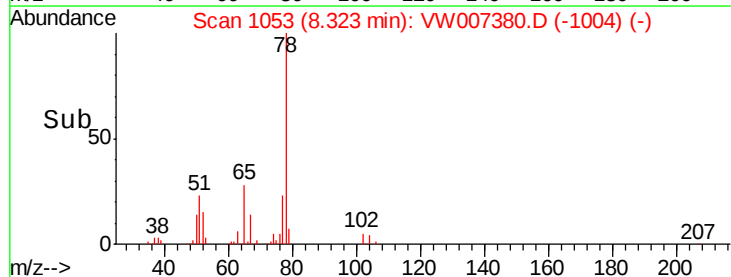
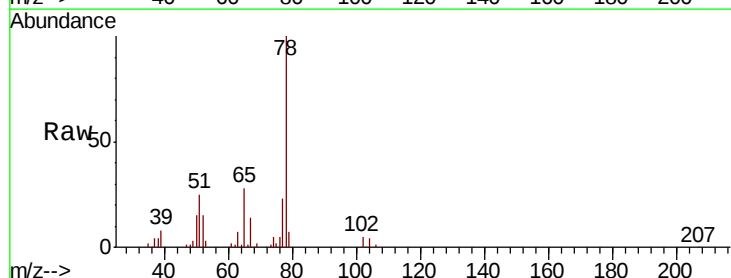
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

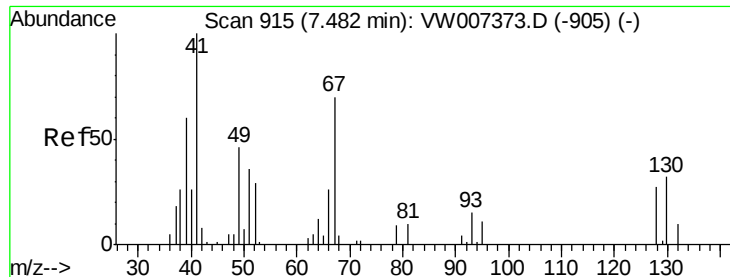
Tgt Ion: 83 Resp: 33251
Ion Ratio Lower Upper
83 100
55 74.3 62.8 94.2
98 46.9 42.2 63.2



#40
Benzene
Concen: 21.081 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 78 Resp: 77229
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

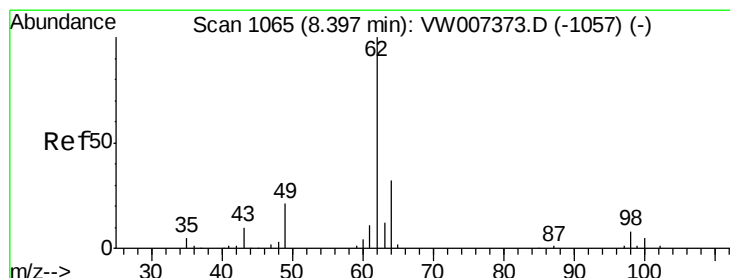
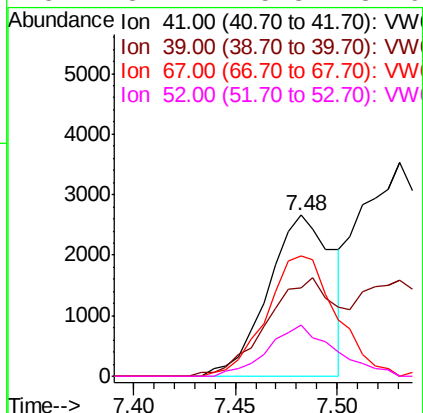
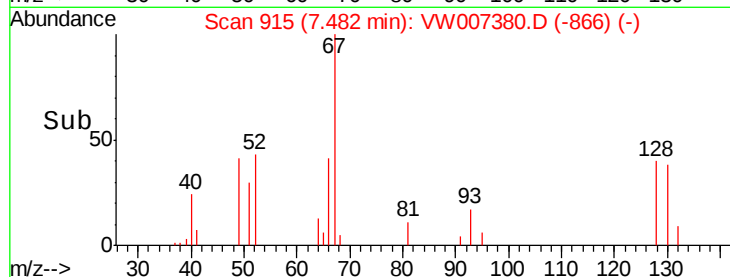
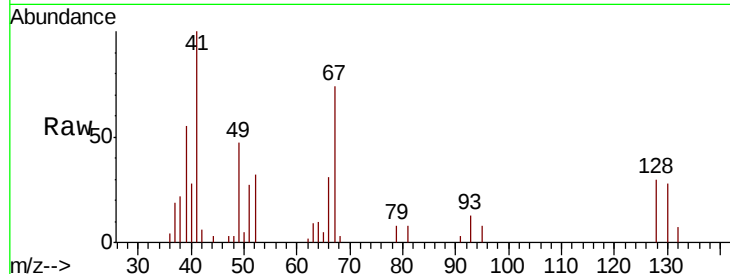




#41
Methacrylonitrile
Concen: 21.052 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

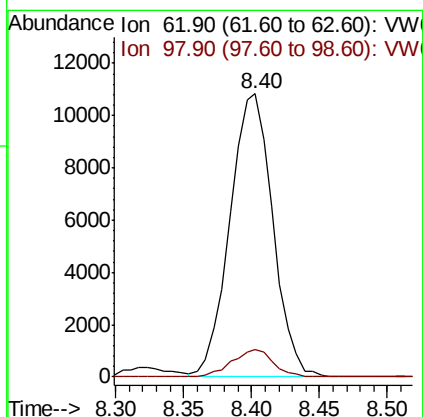
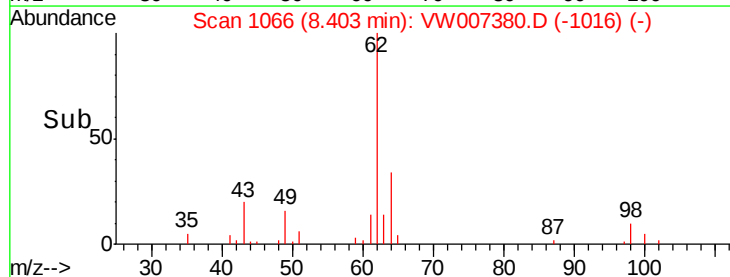
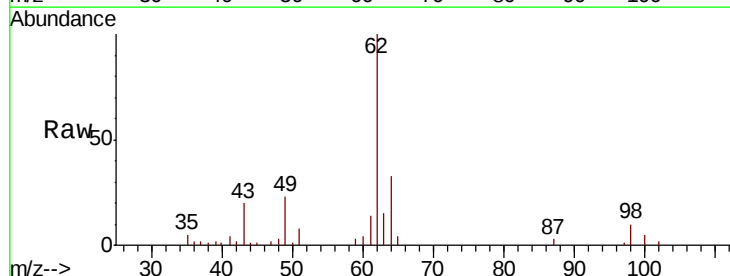
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

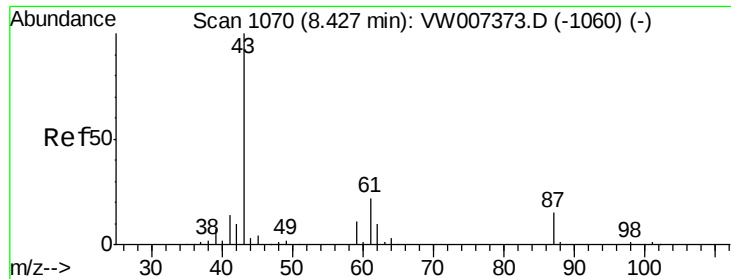
Tgt Ion: 41 Resp: 5886
Ion Ratio Lower Upper
41 100
39 69.3 52.2 78.2
67 80.2 60.5 90.7
52 32.7 25.3 37.9



#42
1,2-Dichloroethane
Concen: 20.706 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 62 Resp: 23828
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.621 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

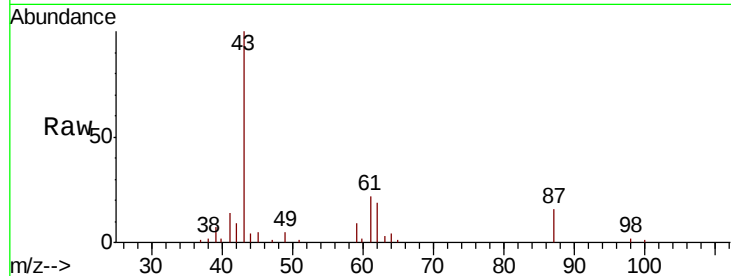
Tgt Ion: 43 Resp: 19999

Ion Ratio Lower Upper

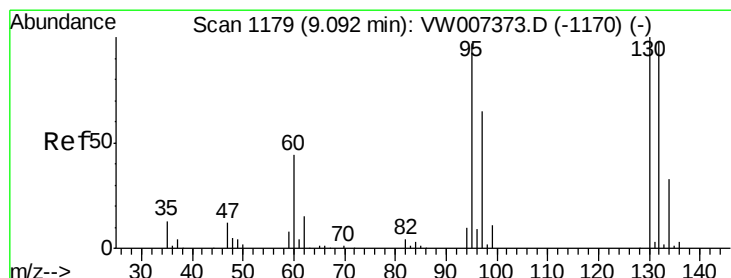
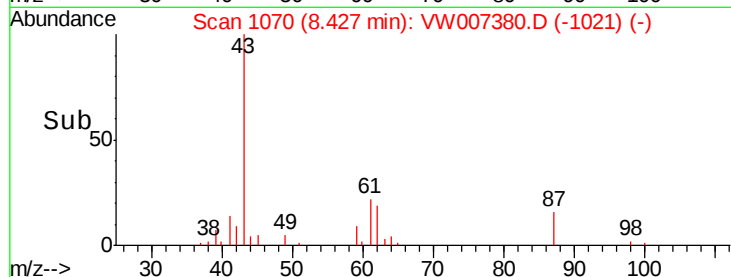
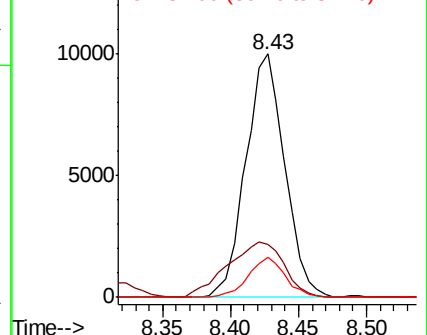
43 100

61 32.7 25.3 37.9

87 15.4 11.8 17.8



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: 20.657 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007380.D

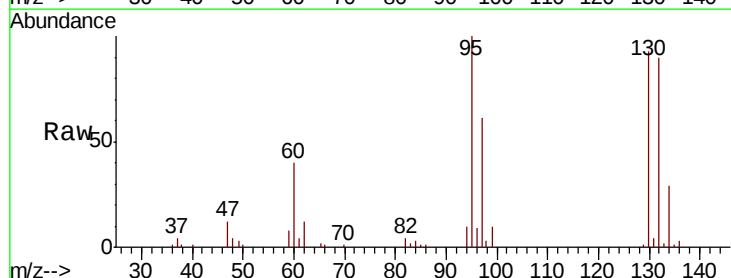
Acq: 11 Dec 2018 03:58

Tgt Ion: 130 Resp: 21610

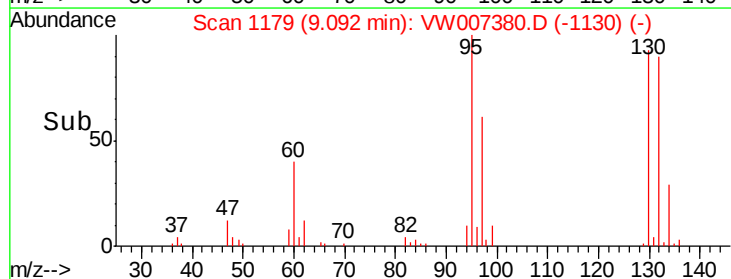
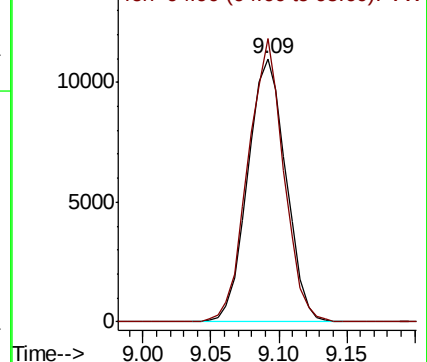
Ion Ratio Lower Upper

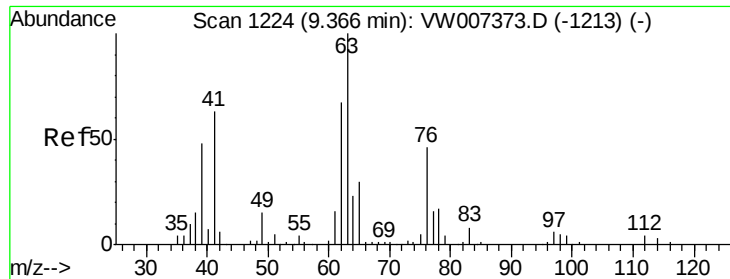
130 100

95 107.5 0.0 193.2



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

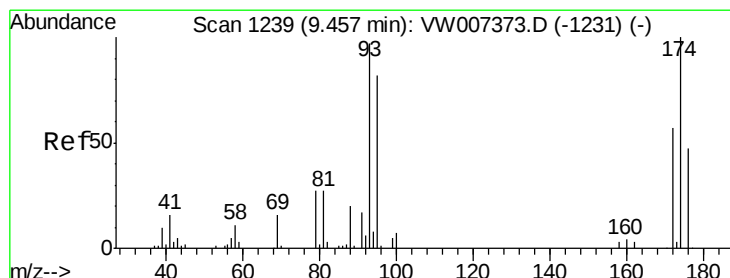
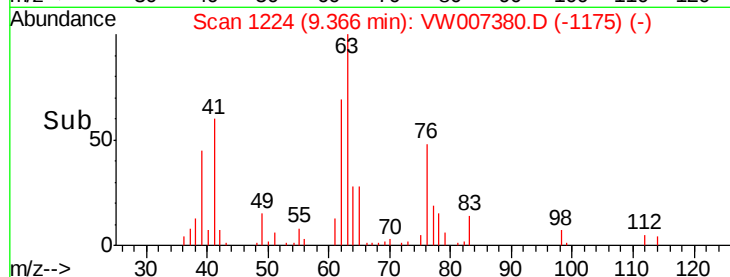
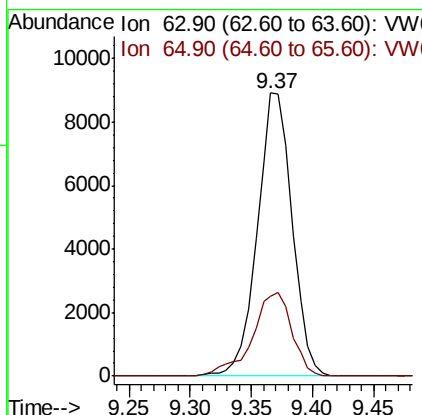
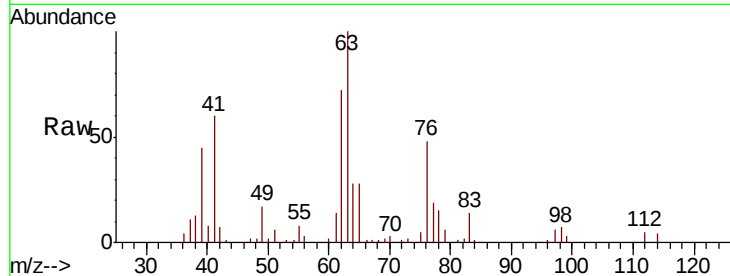




#45
 1,2-Dichloropropane
 Concen: 20.766 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

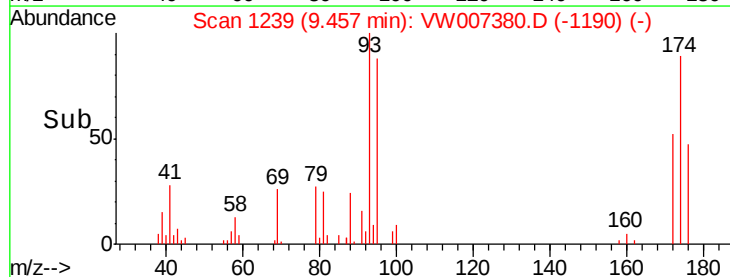
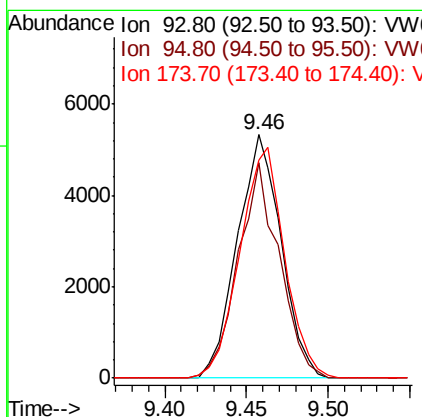
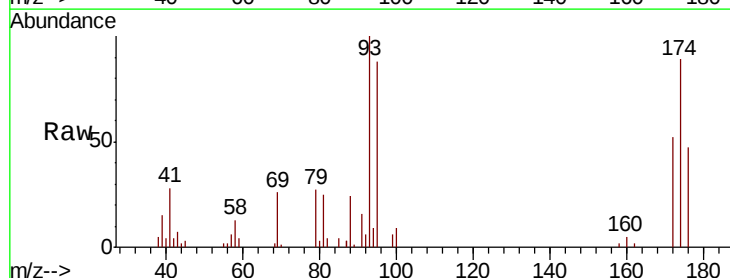
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

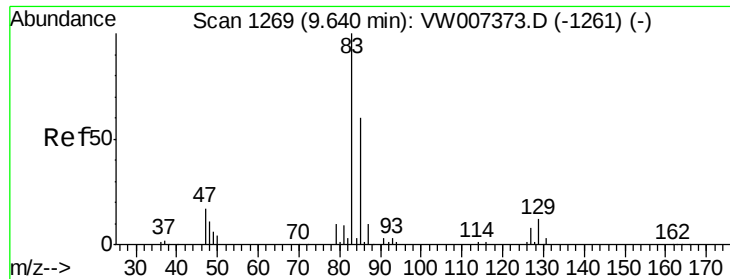
Tgt Ion: 63 Resp: 17605
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.4 36.6



#46
 Dibromomethane
 Concen: 20.682 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 93 Resp: 9957
 Ion Ratio Lower Upper
 93 100
 95 82.9 68.0 102.0
 174 96.6 83.2 124.8

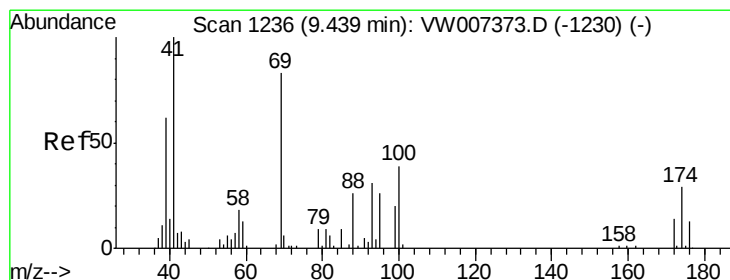
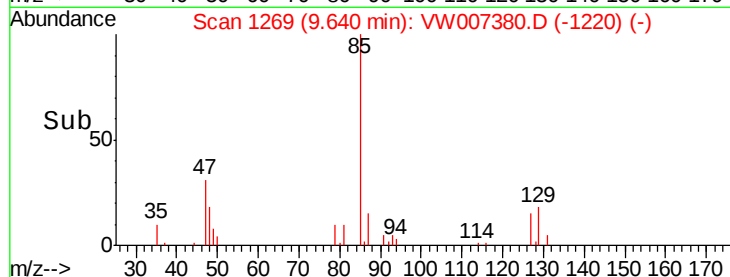
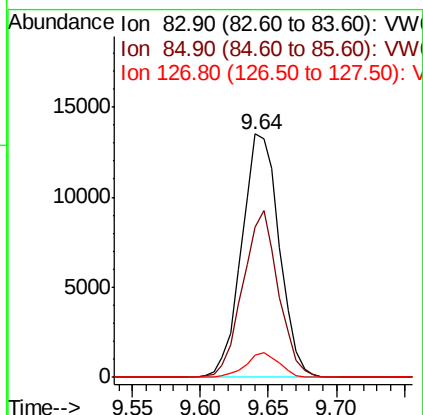
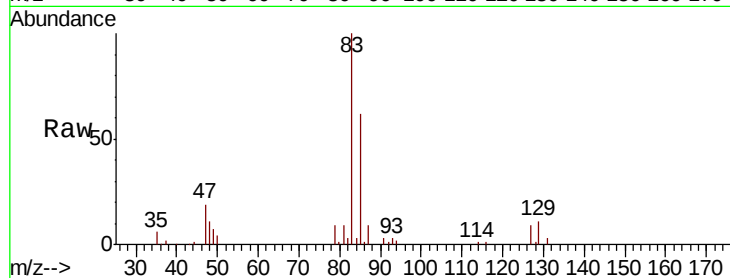




#47
Bromodichloromethane
Concen: 20.653 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

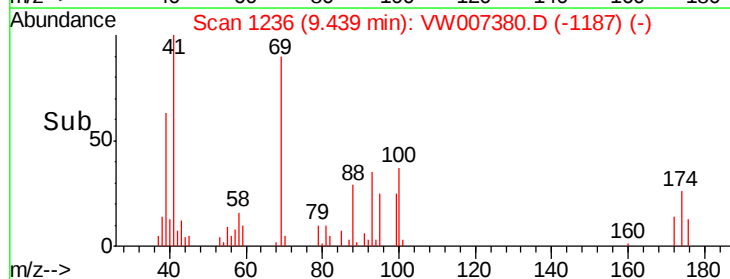
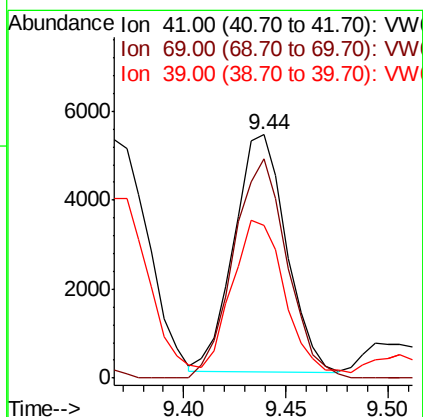
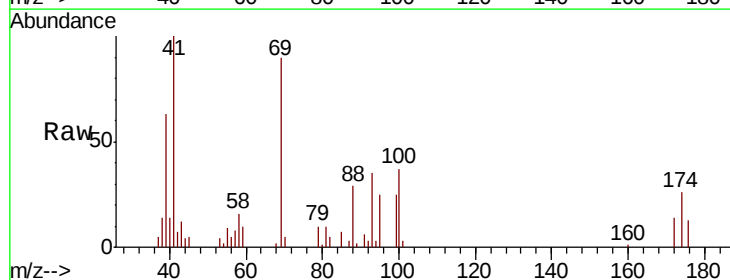
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

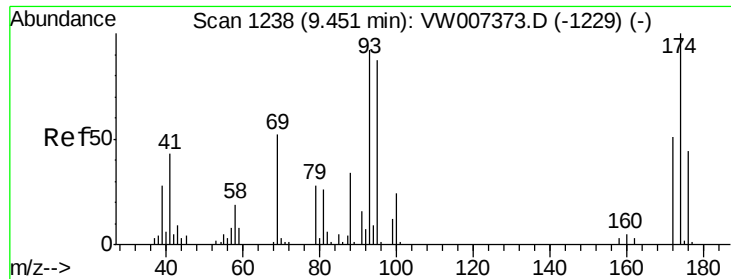
Tgt Ion: 83 Resp: 26081
Ion Ratio Lower Upper
83 100
85 61.6 47.6 71.4
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 19.107 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 41 Resp: 9517
Ion Ratio Lower Upper
41 100
69 94.6 69.8 104.8
39 63.2 50.9 76.3

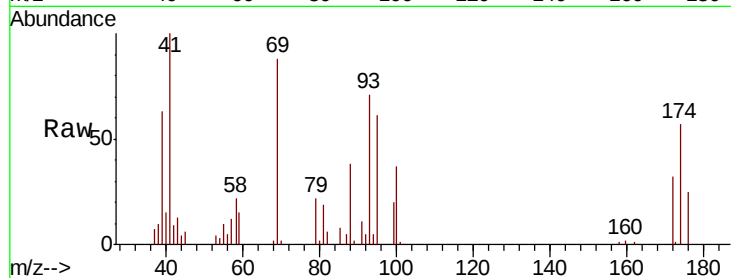




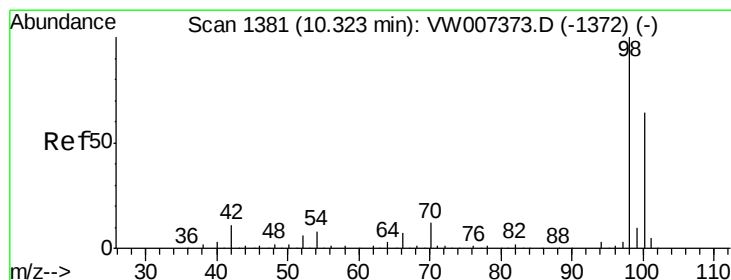
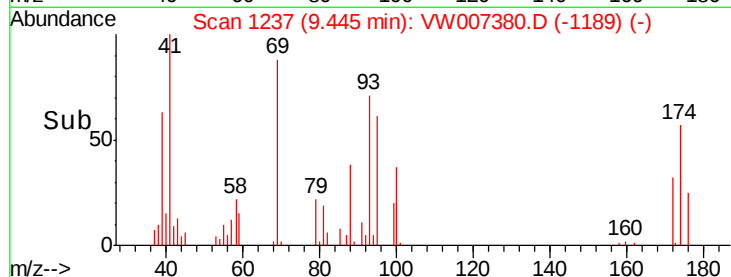
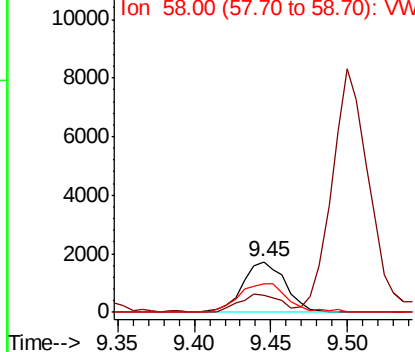
#49
 1,4-Dioxane
 Concen: 430.771 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 88 Resp: 3365
 Ion Ratio Lower Upper
 88 100
 43 33.7 25.0 37.4
 58 65.7 51.4 77.2

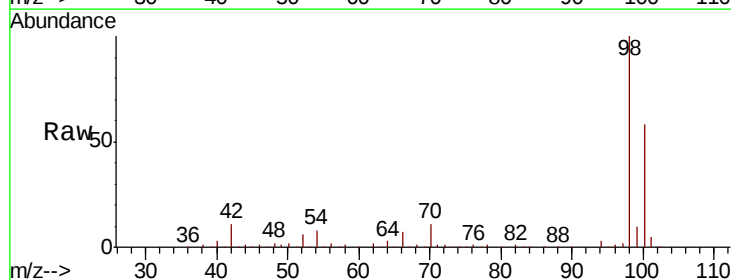


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

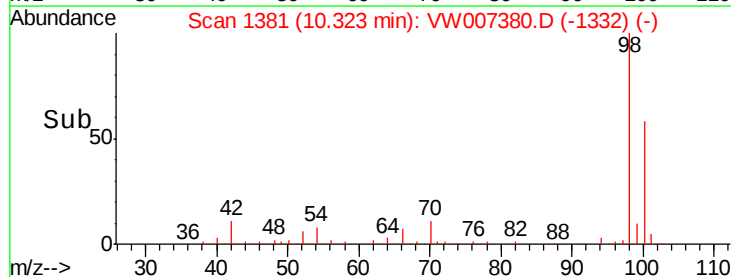
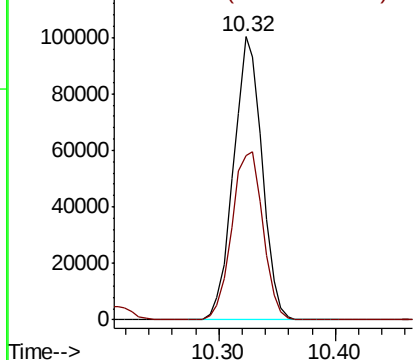


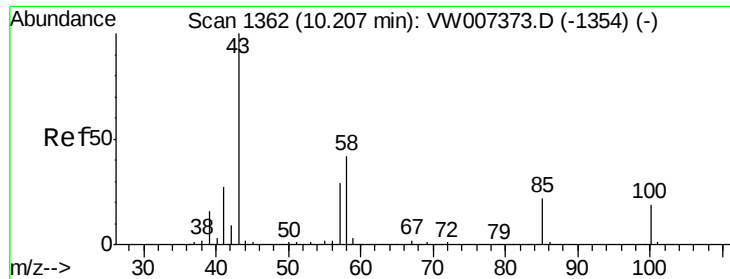
#50
 Toluene-d8
 Concen: 52.036 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 98 Resp: 170907
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8



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: 103.915 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

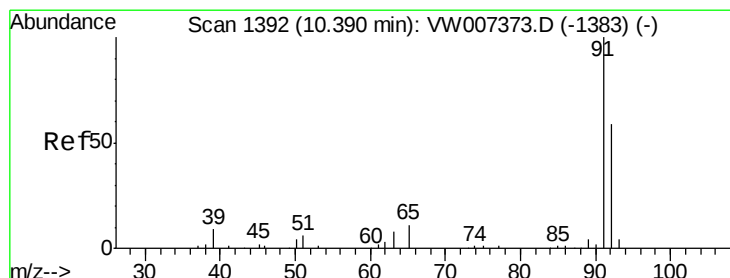
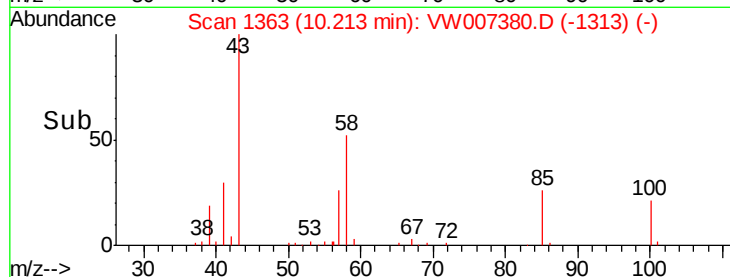
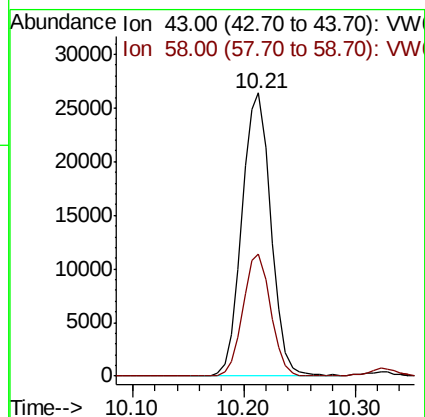
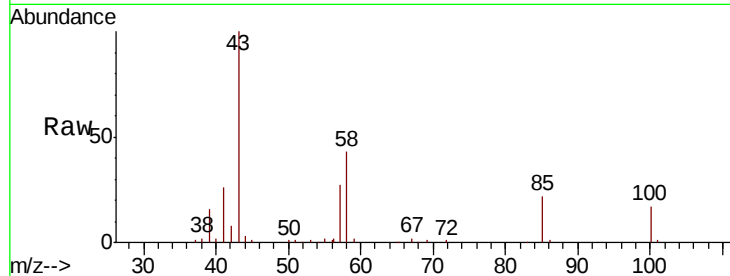
VW1211SBSD01

Tgt Ion: 43 Resp: 47619

Ion Ratio Lower Upper

43 100

58 41.2 33.1 49.7



#52

Toluene

Concen: 21.398 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007380.D

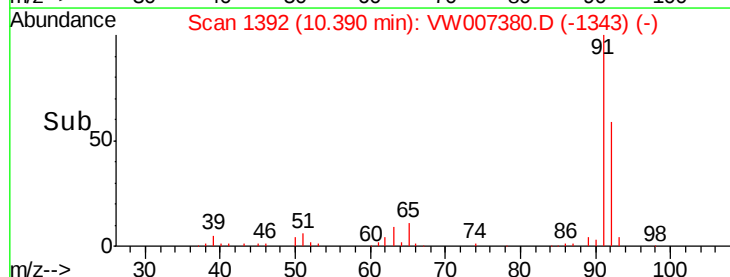
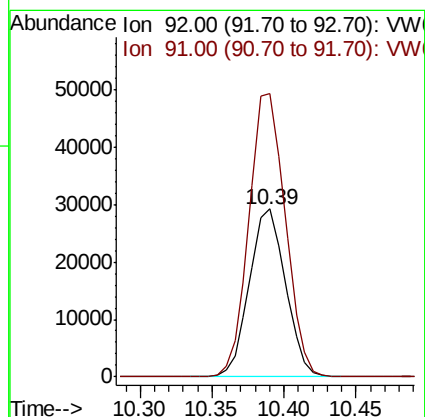
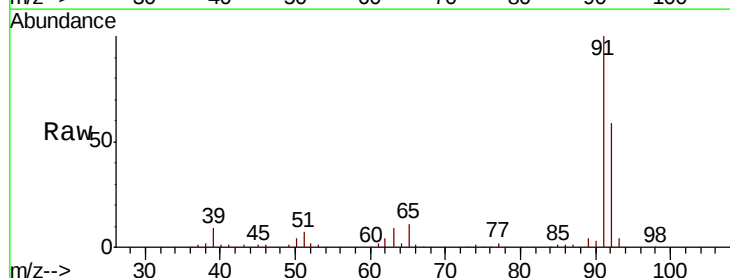
Acq: 11 Dec 2018 03:58

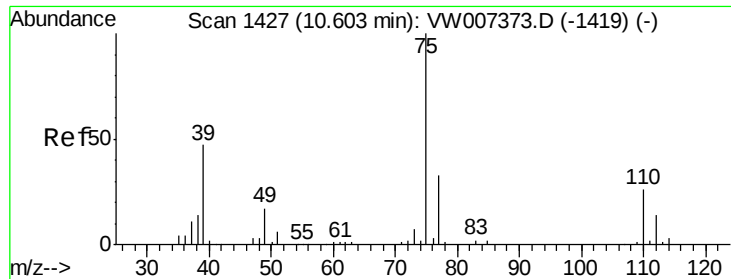
Tgt Ion: 92 Resp: 50731

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.2

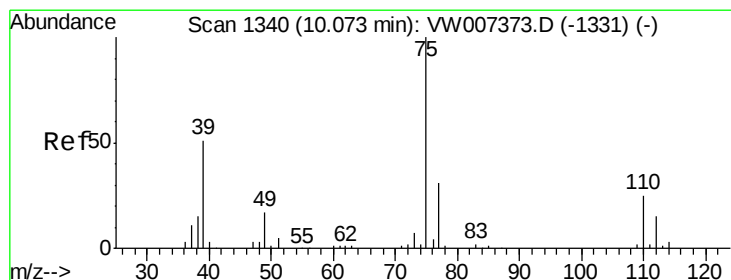
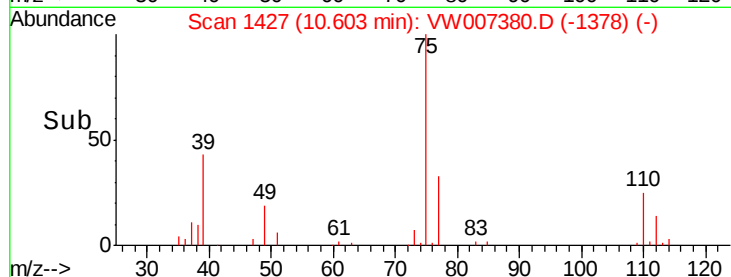
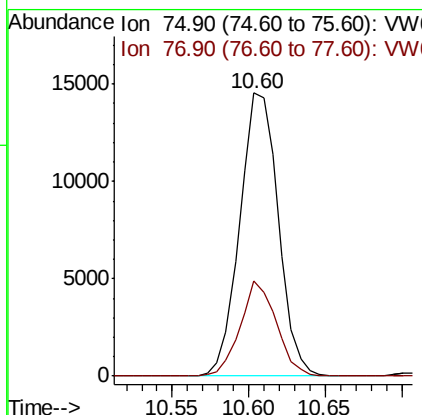
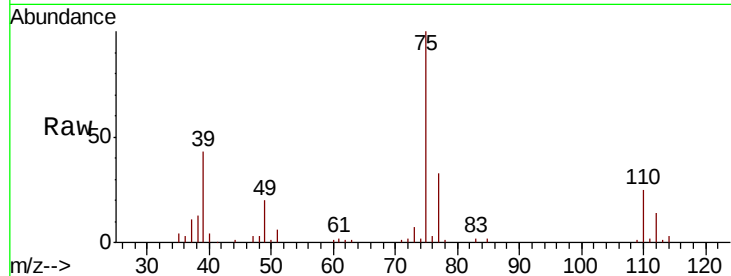




#53
 t-1,3-Dichloropropene
 Concen: 20.742 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

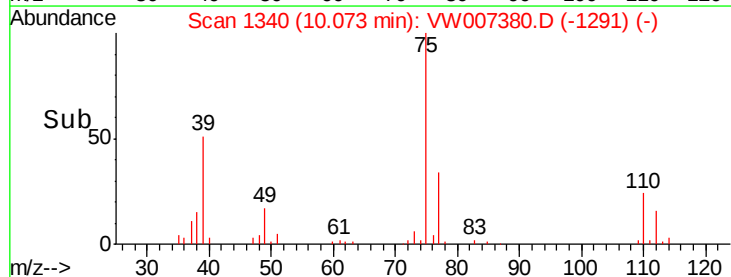
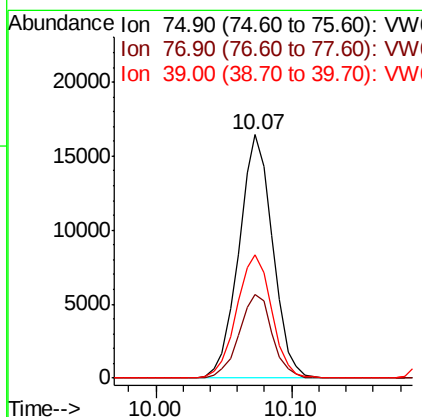
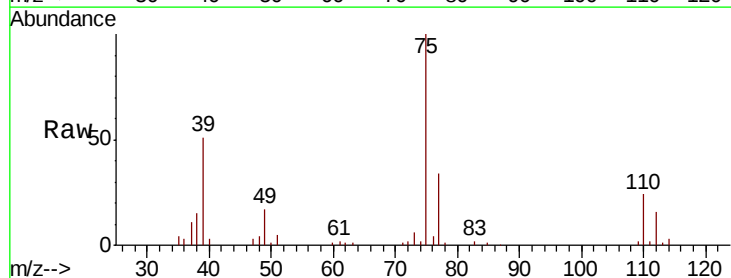
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

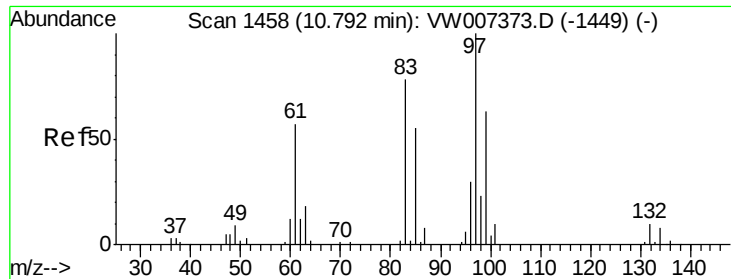
Tgt Ion: 75 Resp: 25429
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.141 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 75 Resp: 28545
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.8 37.2
 39 50.6 40.9 61.3

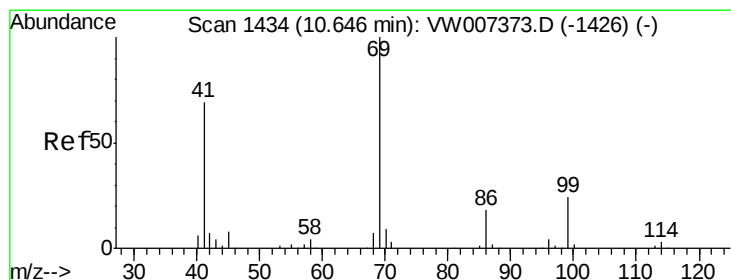
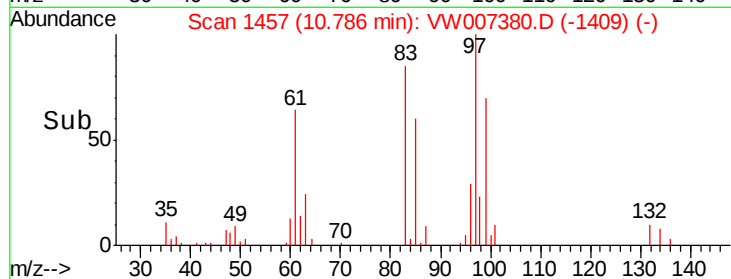
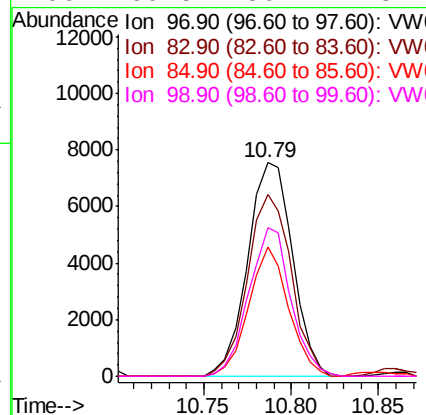
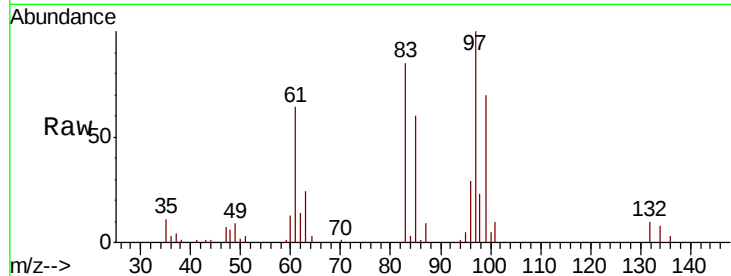




#55
 1,1,2-Trichloroethane
 Concen: 20.535 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

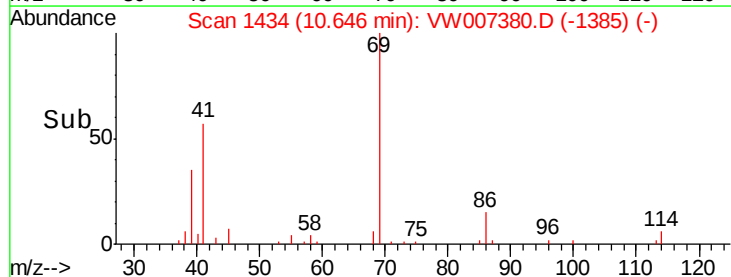
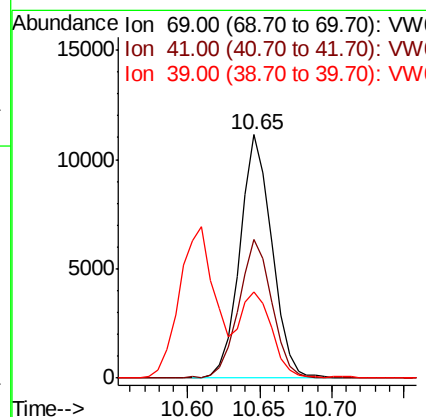
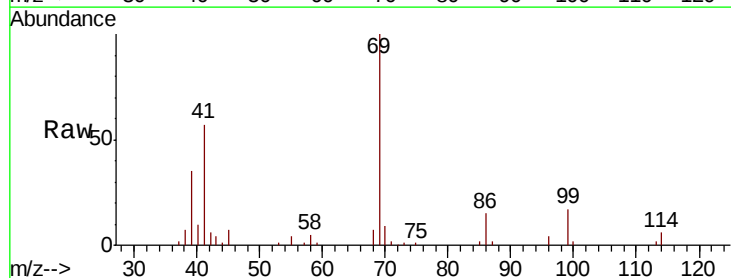
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

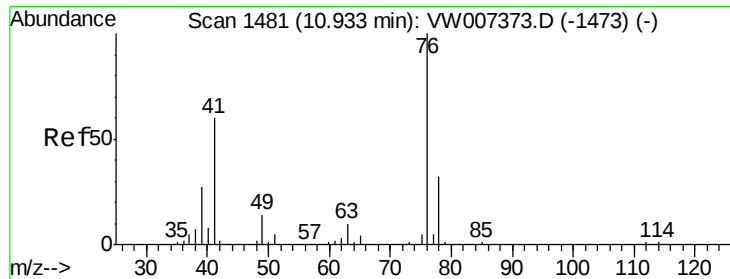
Tgt Ion:	97	Resp:	13455
Ion	Ratio	Lower	Upper
97	100		
83	85.1	62.1	93.1
85	60.3	44.2	66.4
99	69.5	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 21.784 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion:	69	Resp:	17156
Ion	Ratio	Lower	Upper
69	100		
41	59.1	51.0	76.6
39	36.1	30.8	46.2

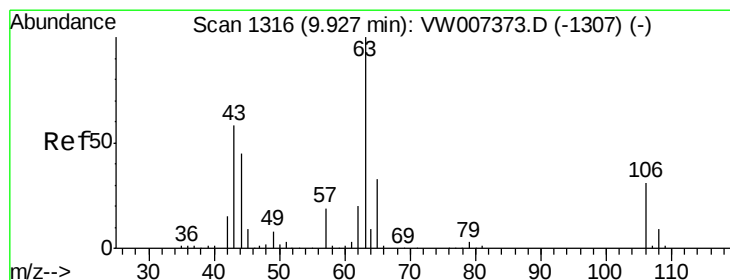
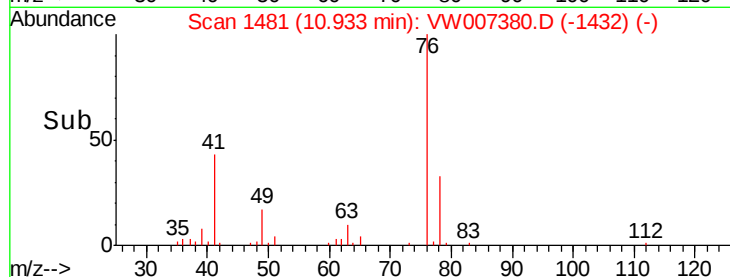
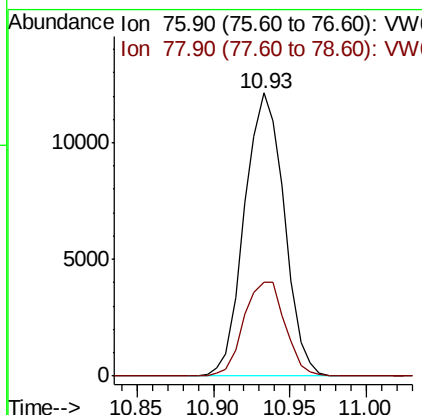
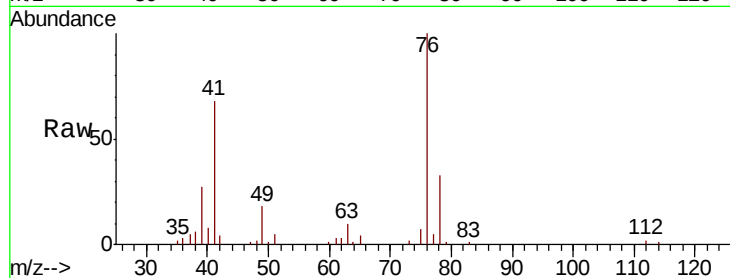




#57
 1,3-Dichloropropane
 Concen: 20.398 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

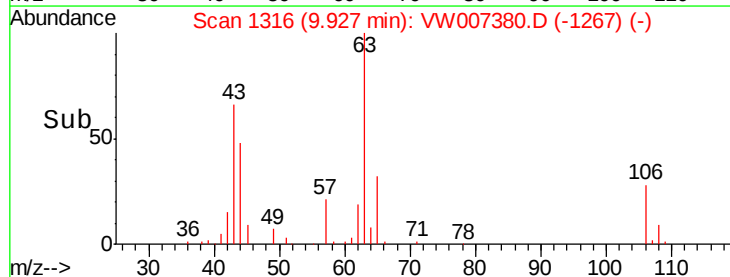
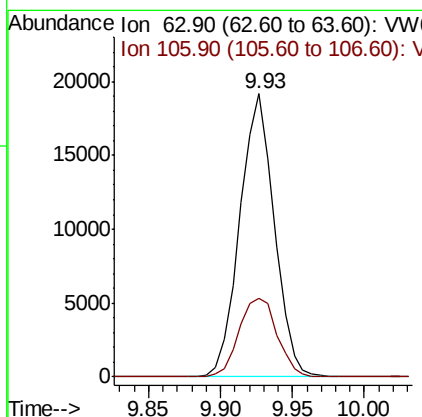
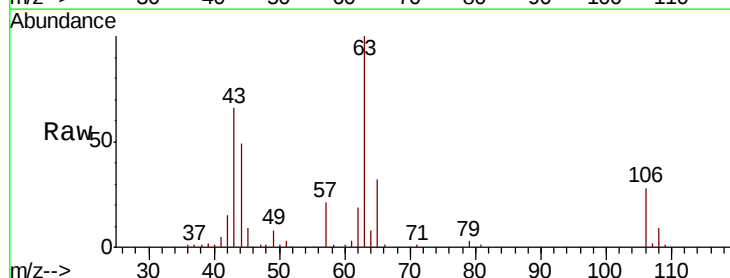
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

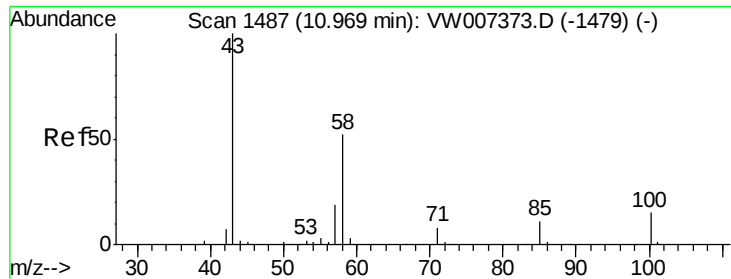
Tgt Ion: 76 Resp: 21937
 Ion Ratio Lower Upper
 76 100
 78 34.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.389 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 63 Resp: 31738
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.0 37.6

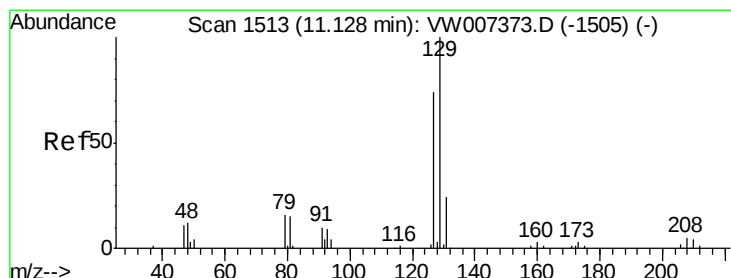
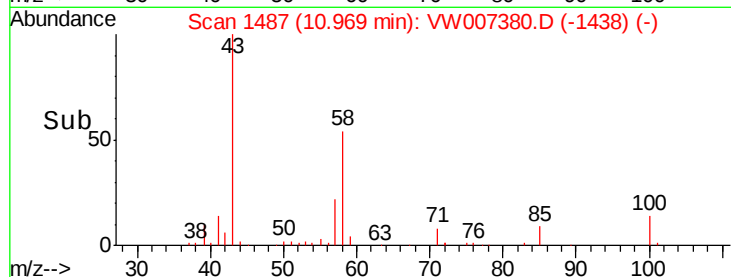
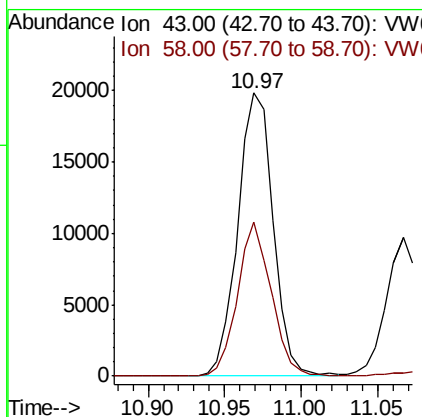
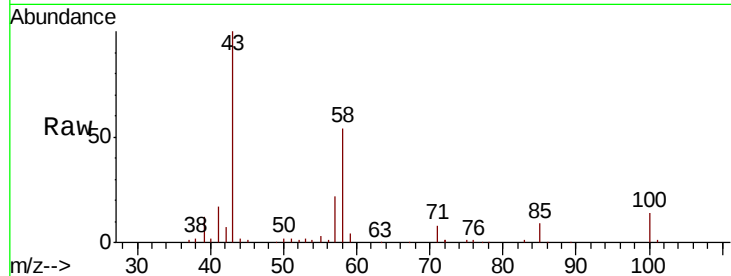




#59
2-Hexanone
Concen: 104.323 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

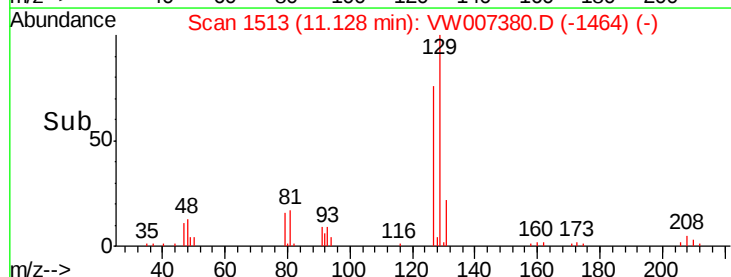
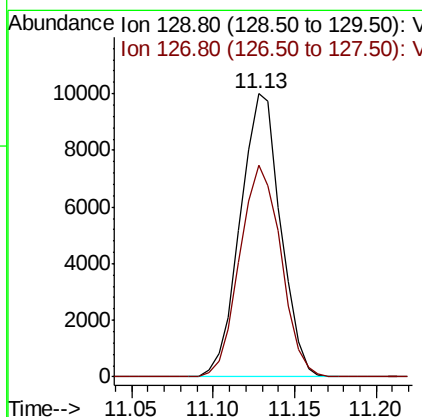
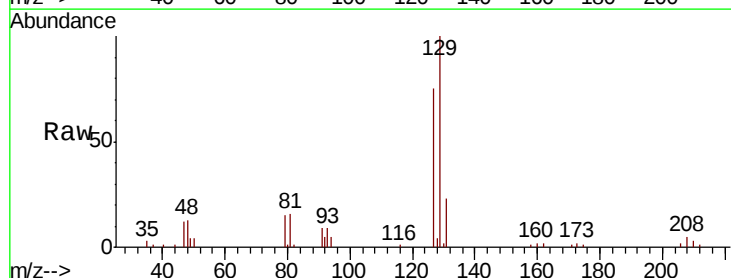
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

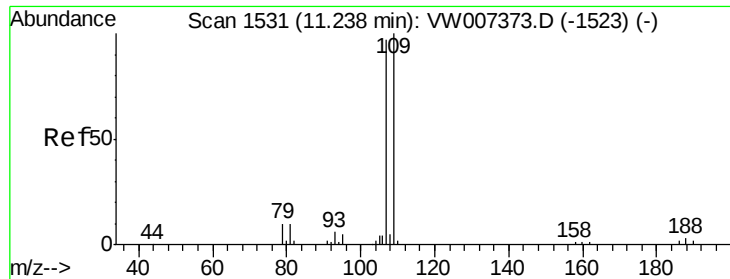
Tgt Ion: 43 Resp: 31877
Ion Ratio Lower Upper
43 100
58 52.0 27.1 81.3



#60
Dibromochloromethane
Concen: 20.809 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 129 Resp: 17207
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3

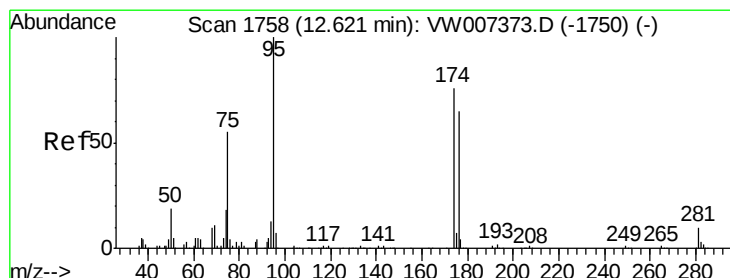
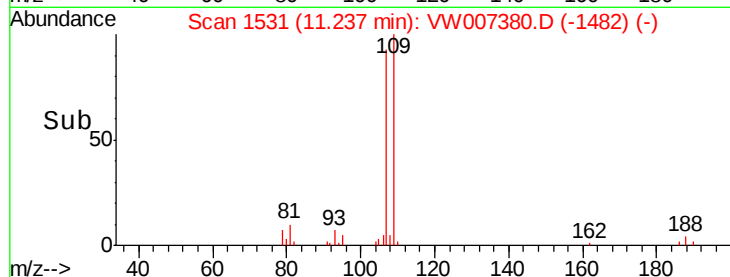
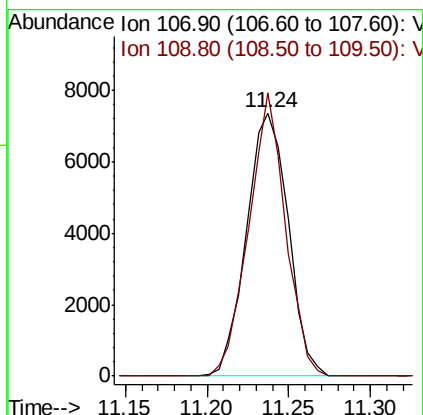
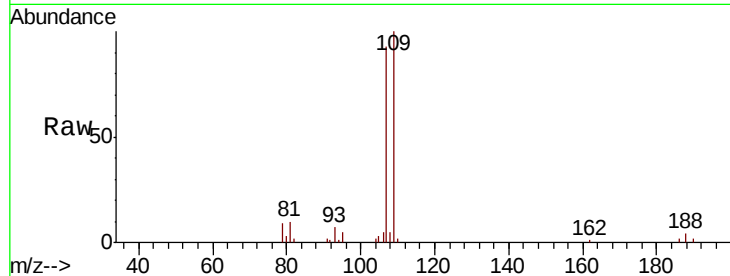




#61
 1,2-Dibromoethane
 Concen: 20.282 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

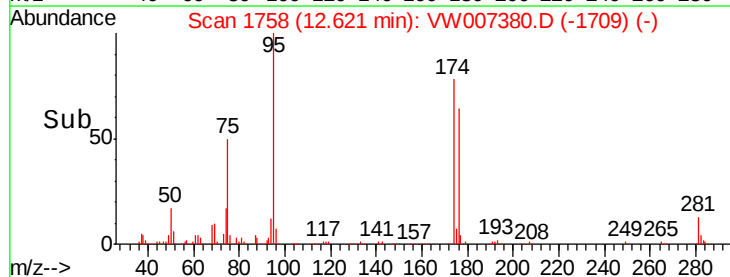
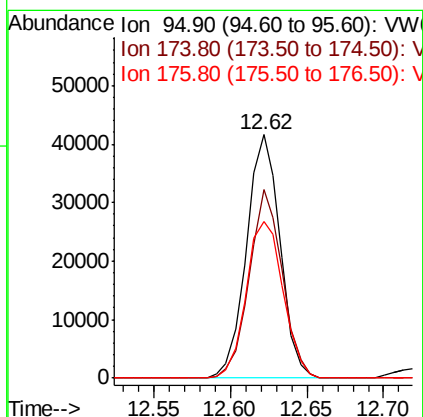
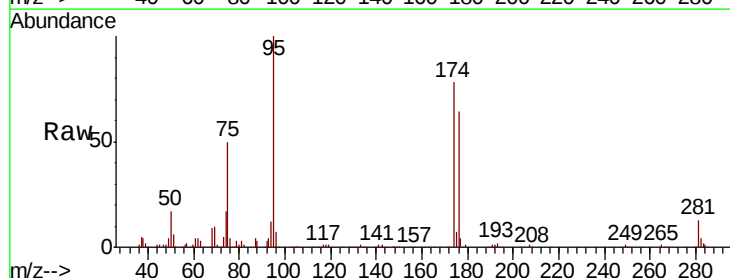
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

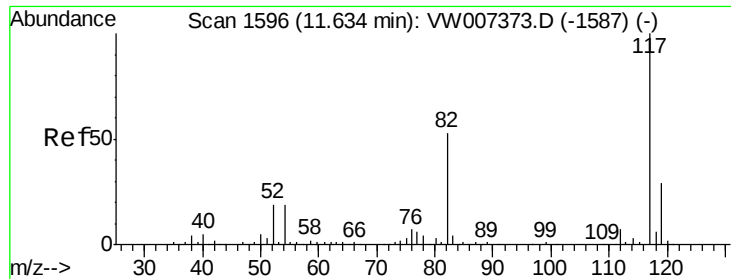
Tgt Ion: 107 Resp: 13133
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 52.575 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 95 Resp: 63489
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 147.2
 176 70.7 0.0 138.8

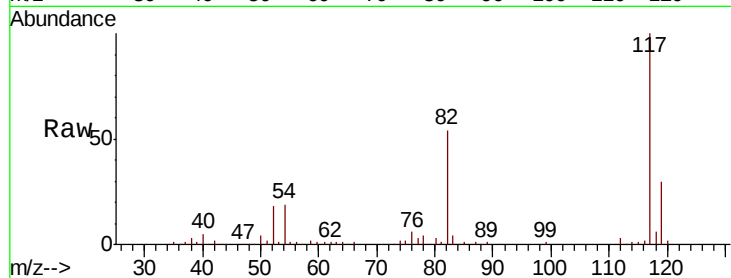




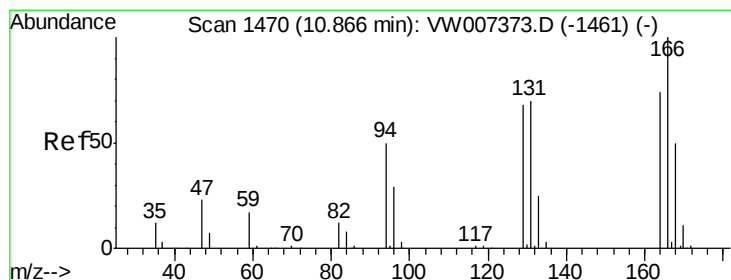
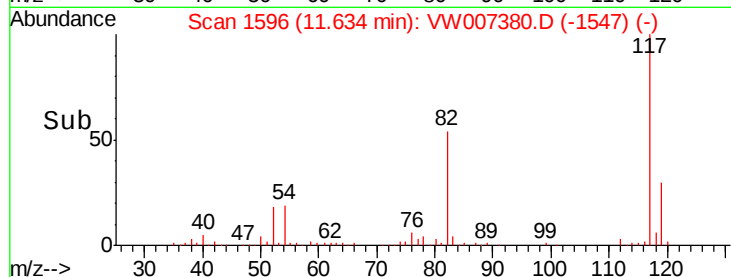
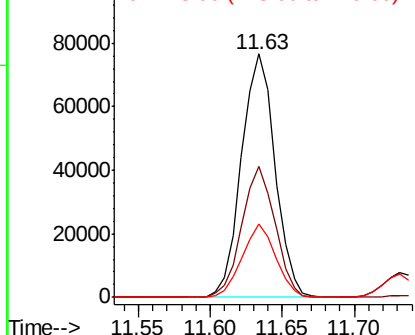
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion:117 Resp: 123804
Ion Ratio Lower Upper
117 100
82 53.8 42.3 63.5
119 30.0 23.0 34.6

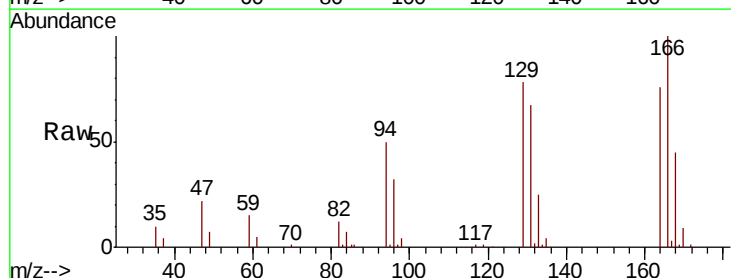


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

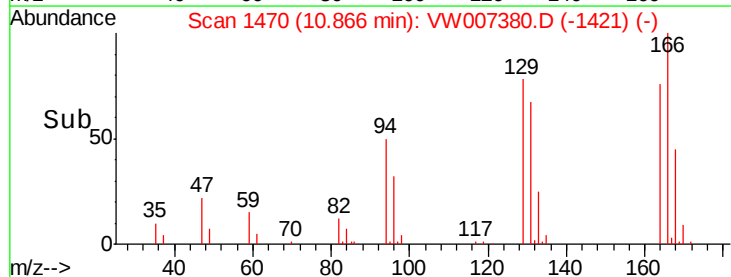
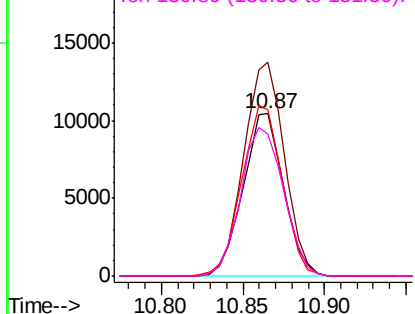


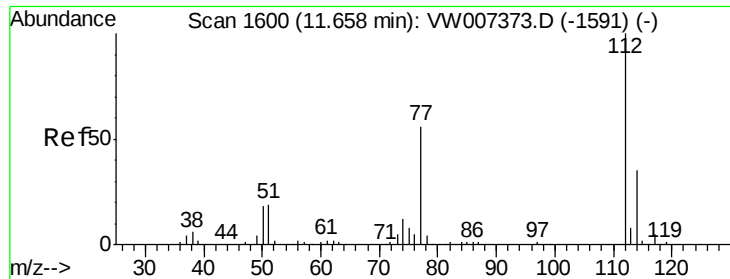
#64
Tetrachloroethene
Concen: 20.338 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:164 Resp: 18107
Ion Ratio Lower Upper
164 100
166 131.6 107.9 161.9
129 102.7 73.4 110.2
131 87.5 75.8 113.6



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

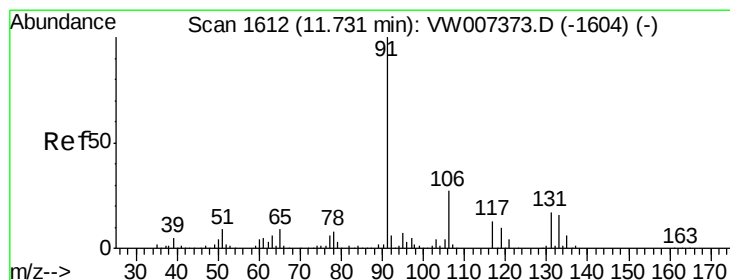
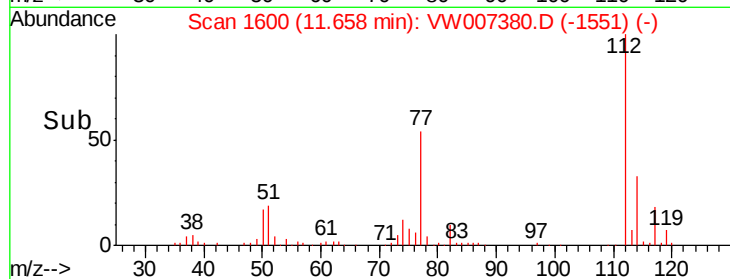
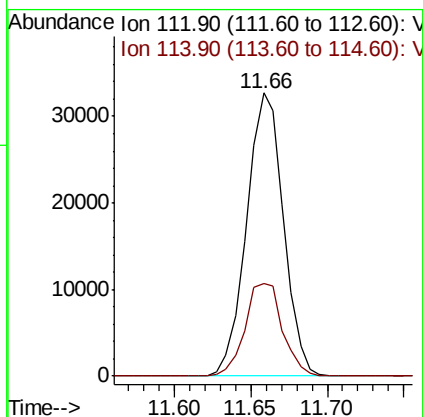
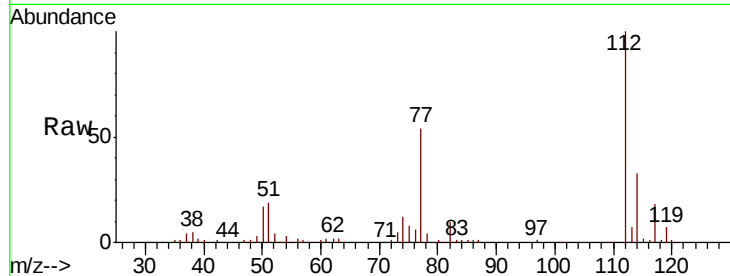




#65
Chlorobenzene
Concen: 21.195 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

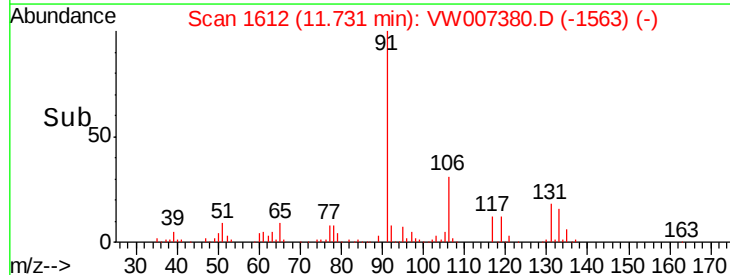
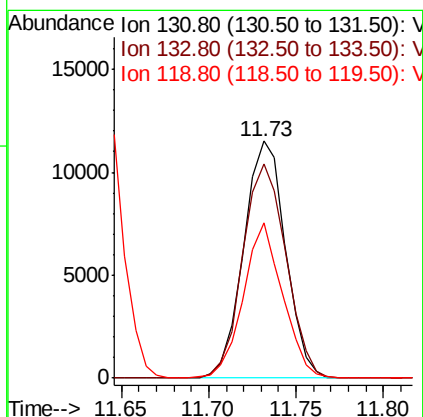
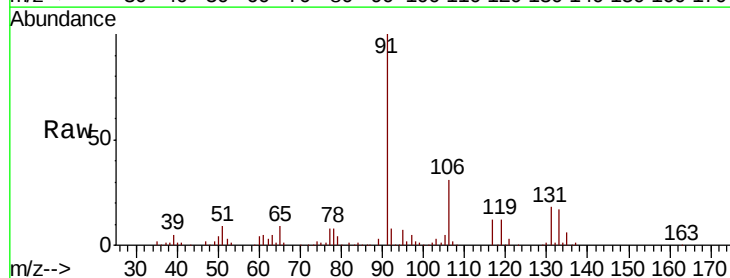
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

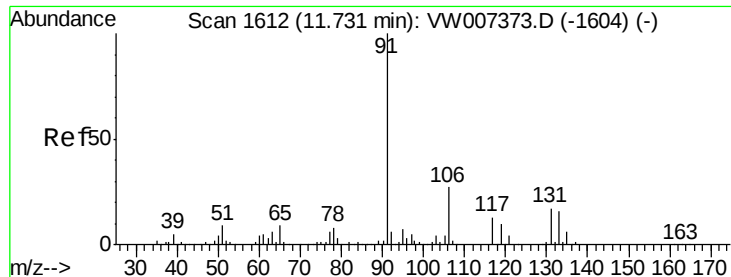
Tgt Ion:112 Resp: 54692
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.035 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:131 Resp: 19117
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 61.6 31.3 93.9

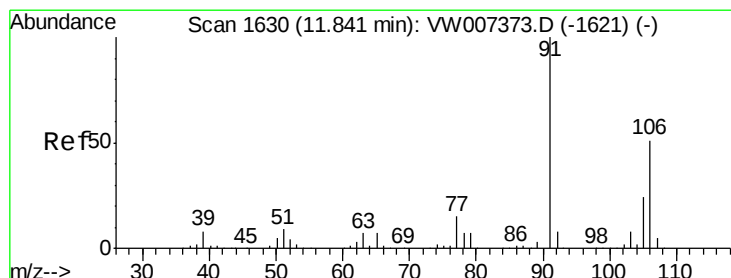
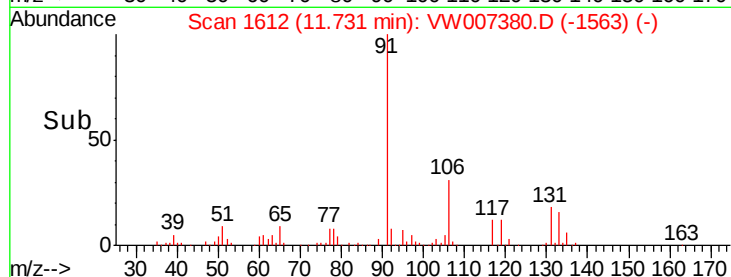
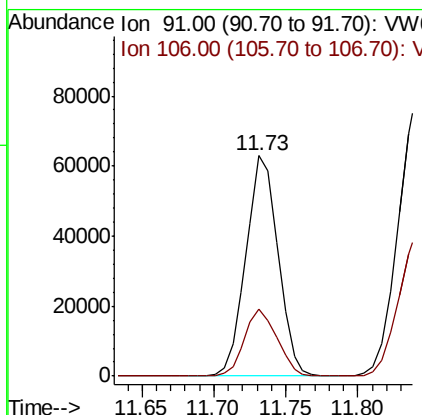
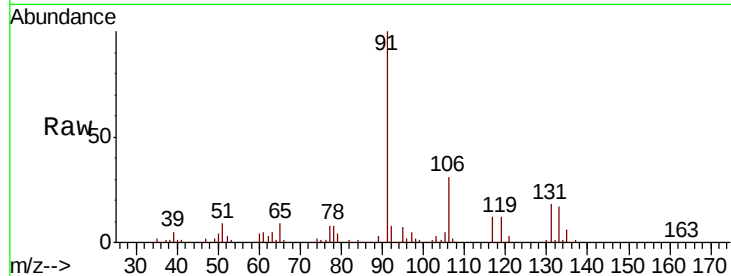




#67
Ethyl Benzene
Concen: 21.883 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

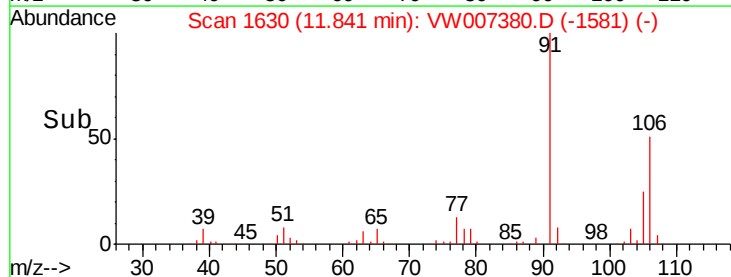
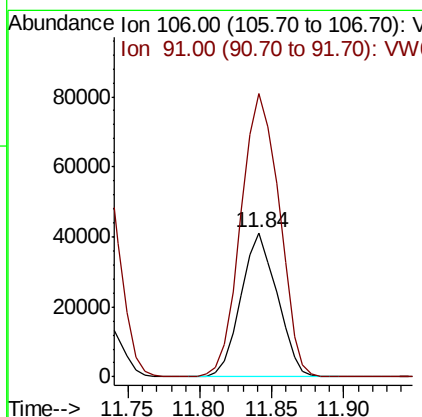
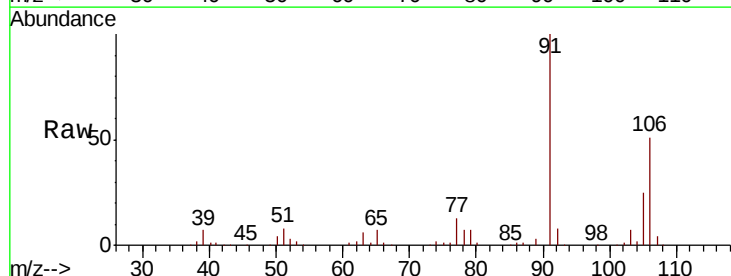
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

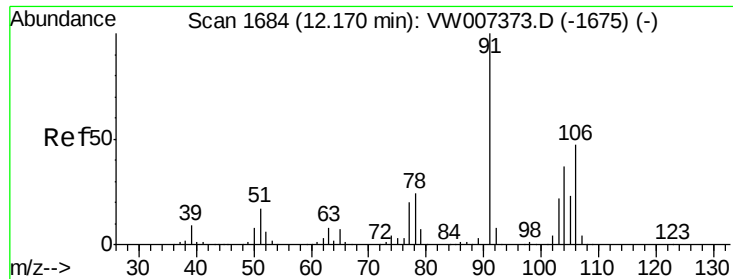
Tgt Ion: 91 Resp: 97086
Ion Ratio Lower Upper
91 100
106 30.6 21.8 32.8



#68
m/p-Xylenes
Concen: 41.737 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 106 Resp: 71986
Ion Ratio Lower Upper
106 100
91 208.3 165.3 247.9

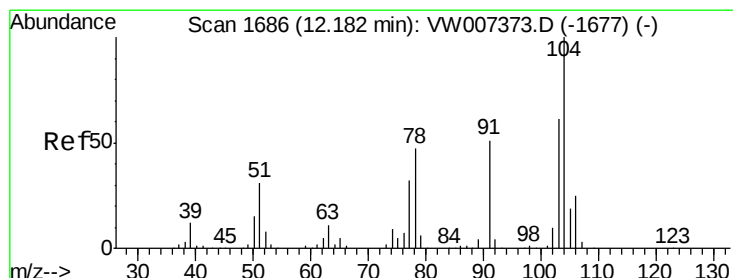
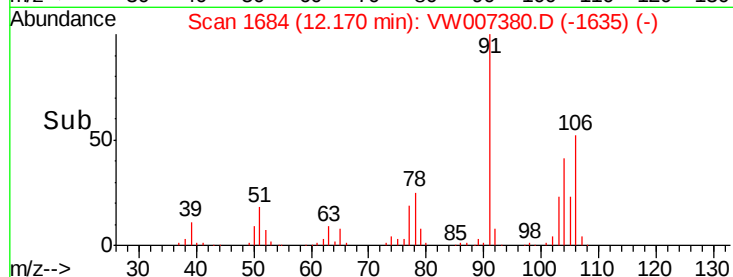
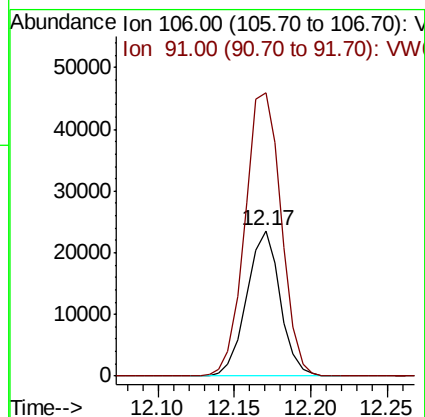
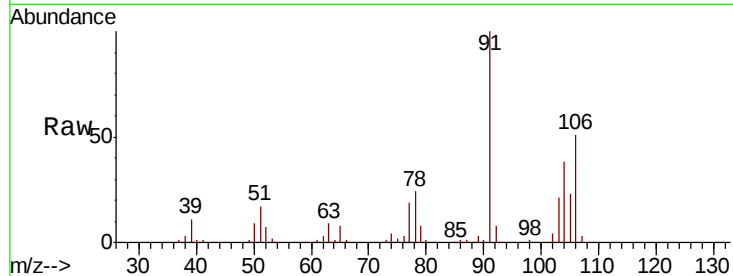




#69
o-Xylene
Concen: 22.225 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

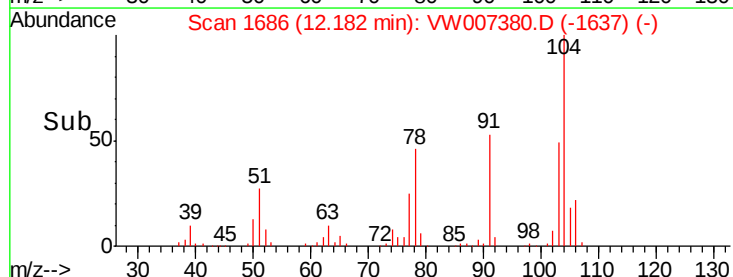
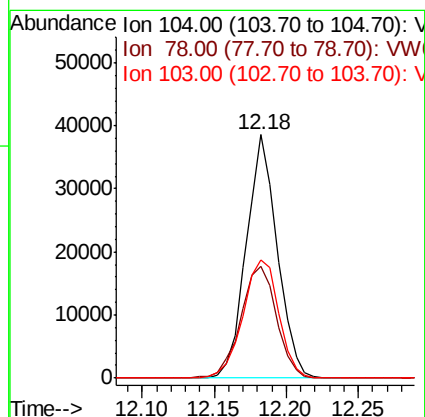
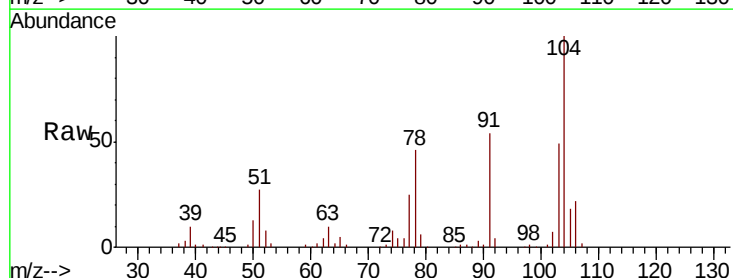
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

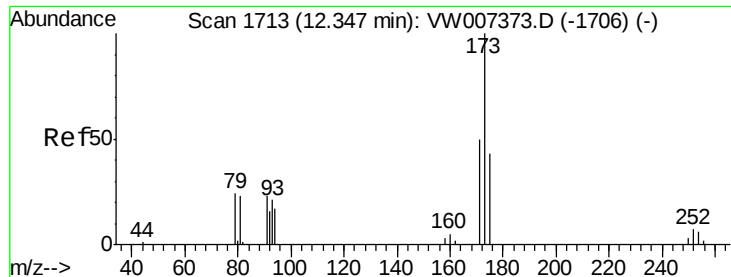
Tgt Ion:106 Resp: 35800
Ion Ratio Lower Upper
106 100
91 211.0 106.6 319.8



#70
Styrene
Concen: 21.997 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:104 Resp: 57230
Ion Ratio Lower Upper
104 100
78 53.3 41.8 62.8
103 56.3 46.6 69.8





#71

Bromoform

Concen: 19.738 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

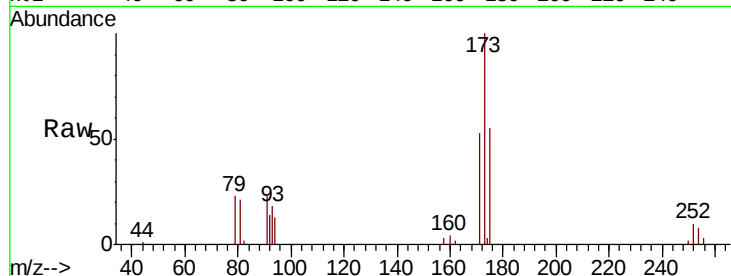
Tgt Ion:173 Resp: 9182

Ion Ratio Lower Upper

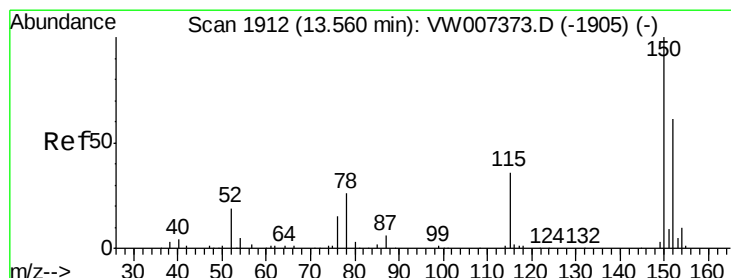
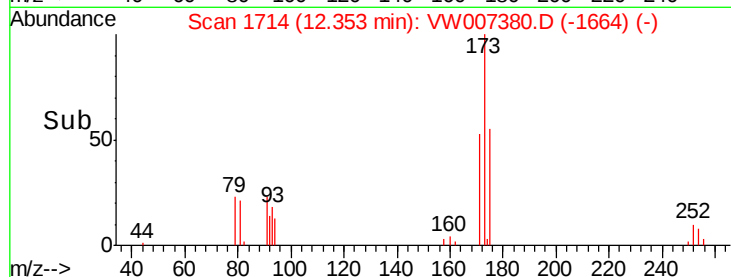
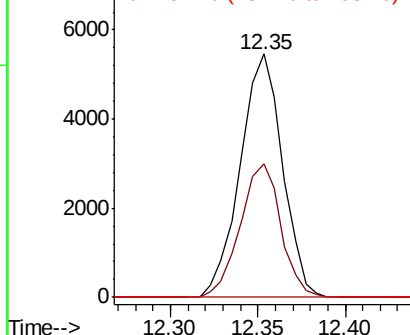
173 100

175 52.8 23.6 70.8

254 0.0 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. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

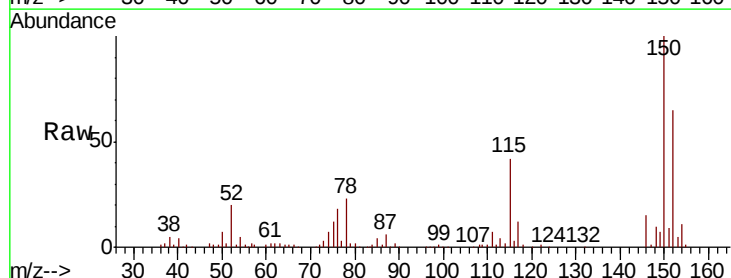
Tgt Ion:152 Resp: 58524

Ion Ratio Lower Upper

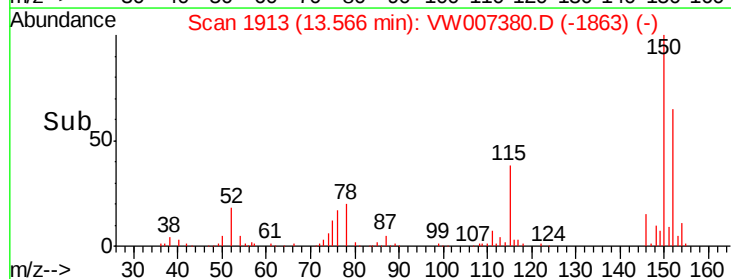
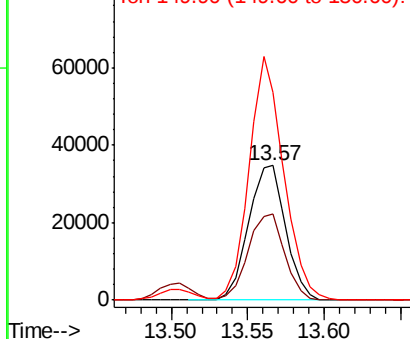
152 100

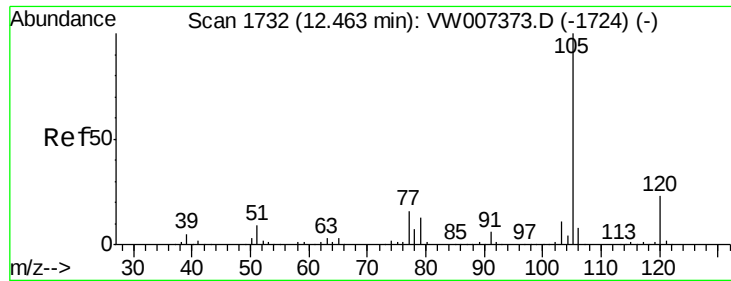
115 63.3 31.4 94.2

150 168.3 0.0 358.4



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: 20.934 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

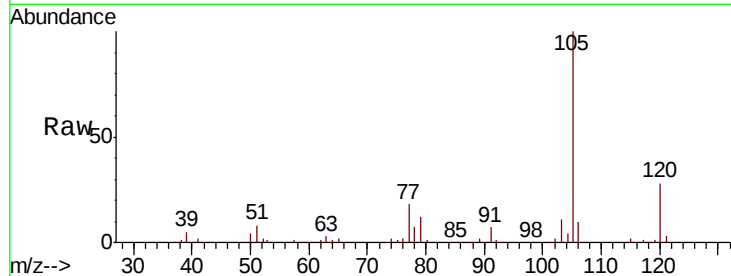
VW1211SBSD01

Tgt Ion: 105 Resp: 93876

Ion Ratio Lower Upper

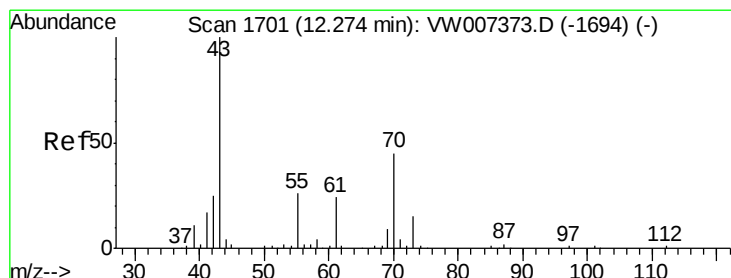
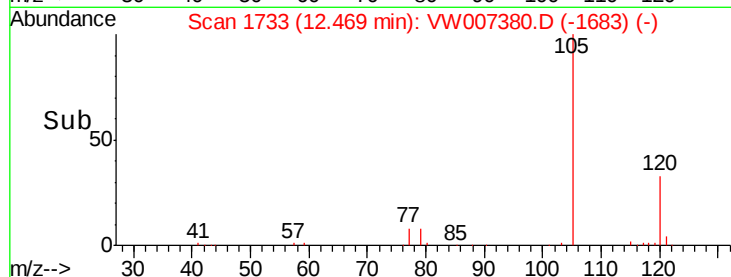
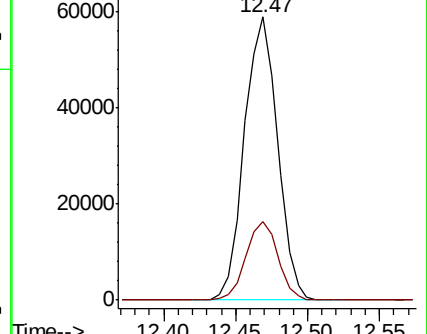
105 100

120 26.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.883 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion: 43 Resp: 17019

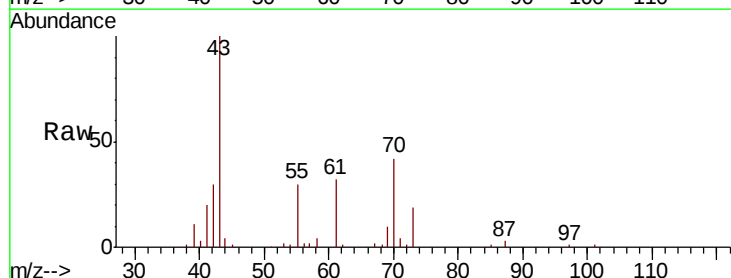
Ion Ratio Lower Upper

43 100

70 42.5 36.5 54.7

55 27.0 20.1 30.1

61 26.4 19.3 28.9

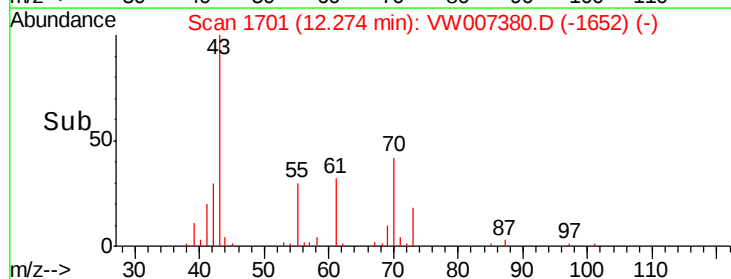
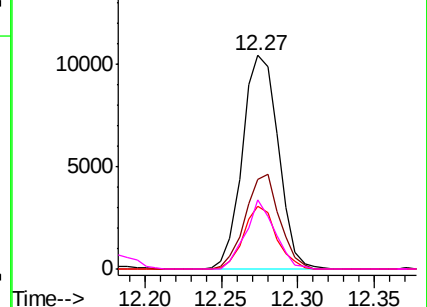


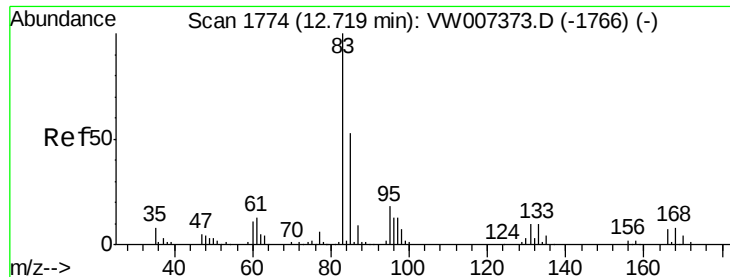
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.085 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

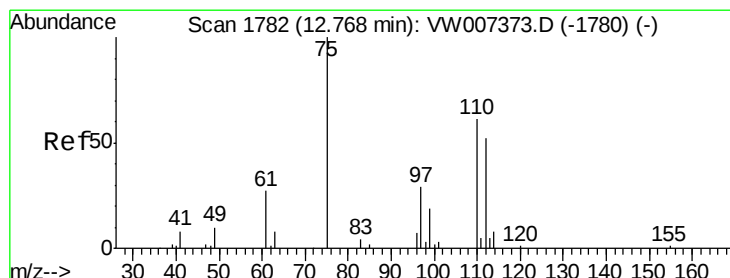
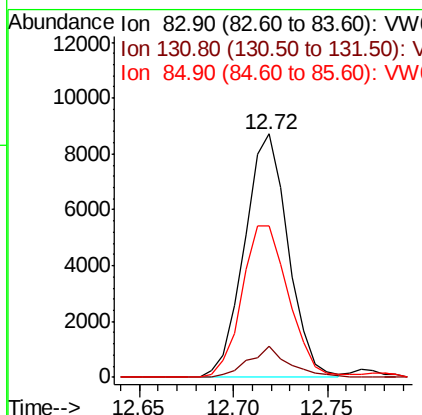
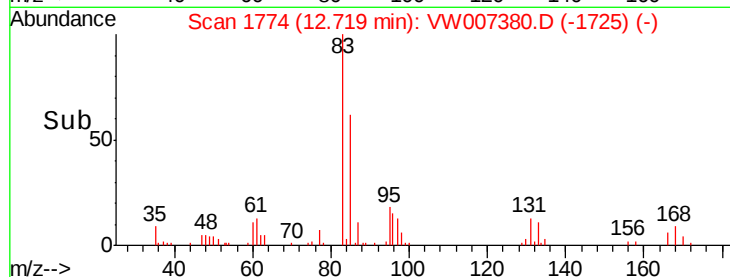
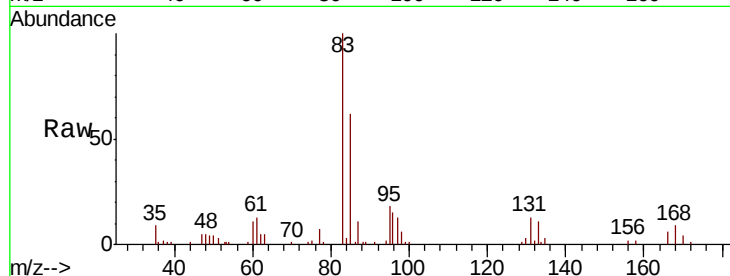
Tgt Ion: 83 Resp: 14004

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

85 66.6 30.0 90.0



#76

1,2,3-Trichloropropane

Concen: 40.295 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007380.D

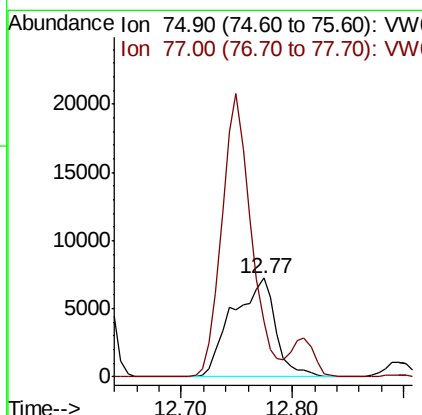
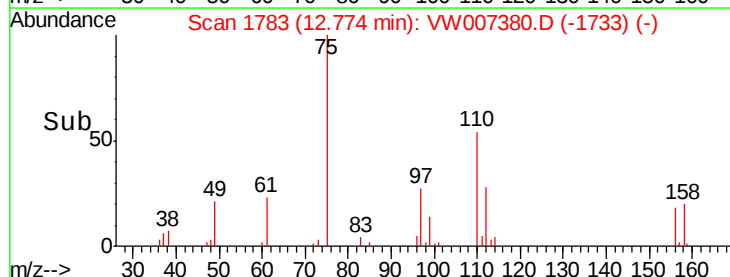
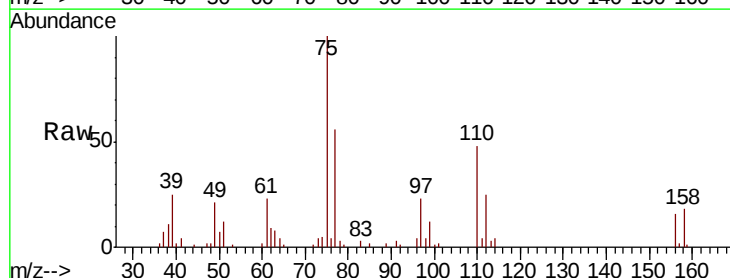
Acq: 11 Dec 2018 03:58

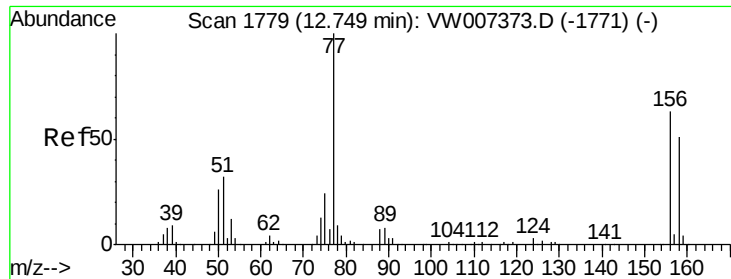
Tgt Ion: 75 Resp: 19444

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 21.296 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

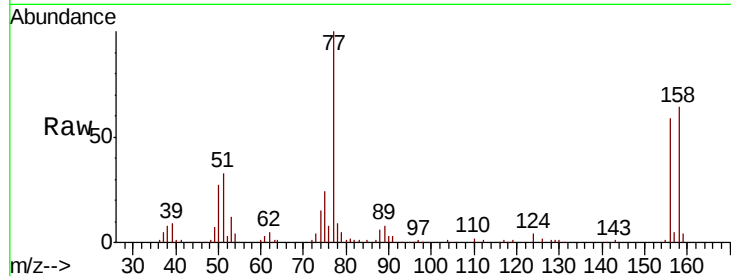
Tgt Ion:156 Resp: 21168

Ion Ratio Lower Upper

156 100

77 180.5 88.1 264.4

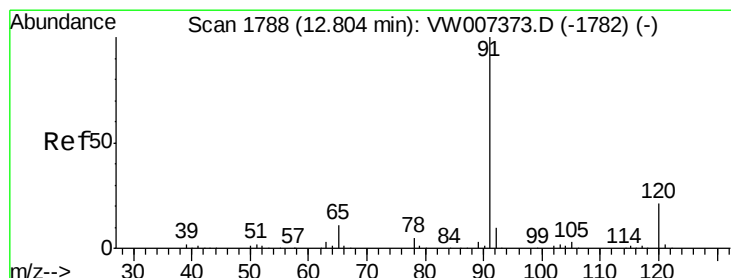
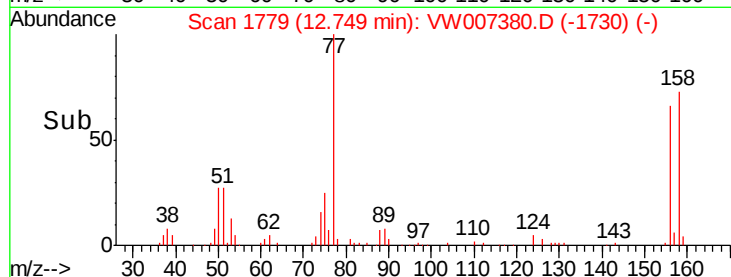
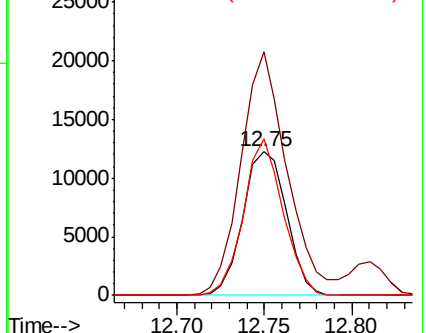
158 98.8 45.6 136.7



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: 22.026 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007380.D

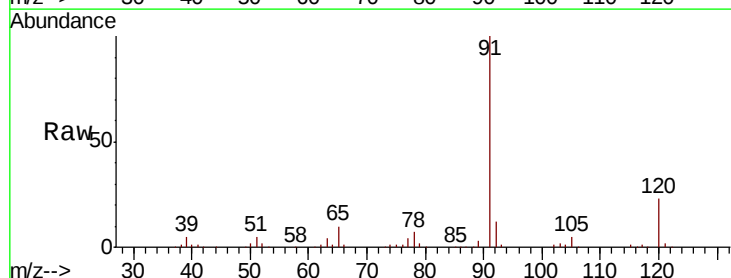
Acq: 11 Dec 2018 03:58

Tgt Ion: 91 Resp: 111158

Ion Ratio Lower Upper

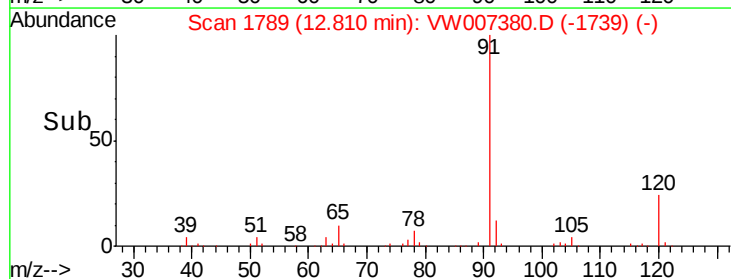
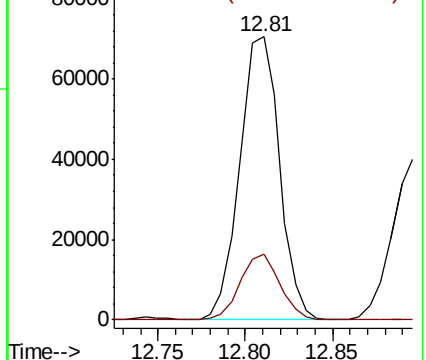
91 100

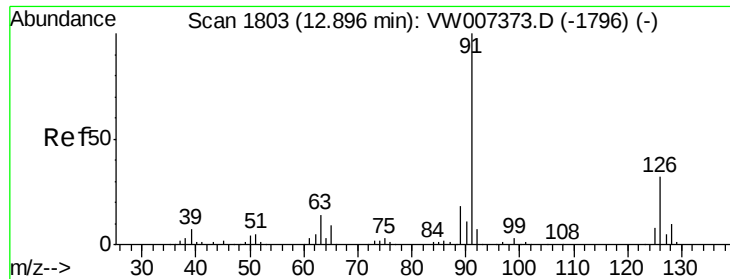
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

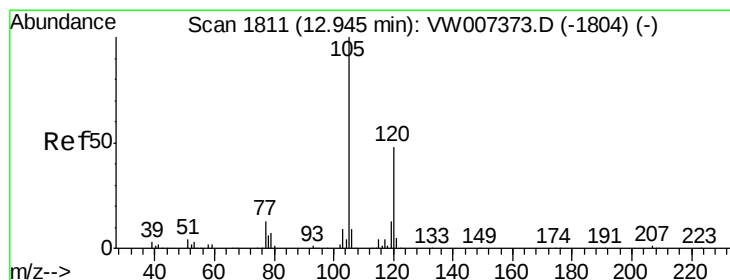
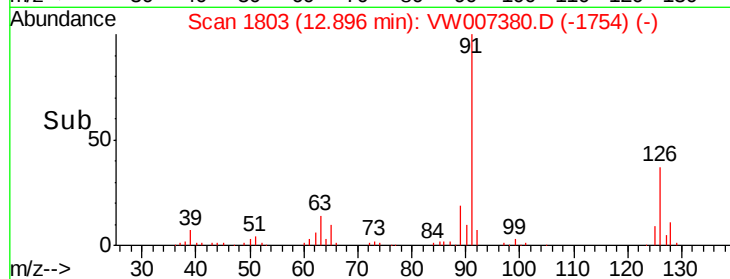
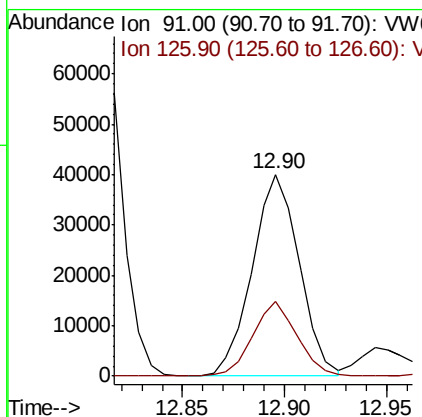
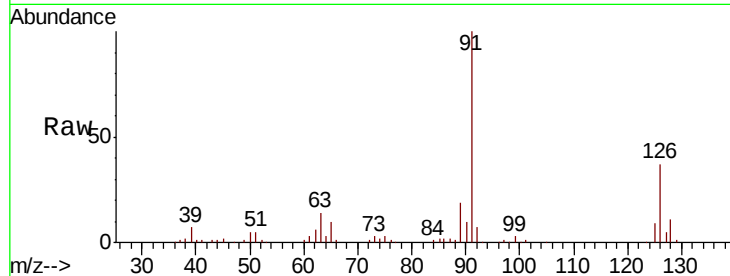




#79
 2-Chlorotoluene
 Concen: 20.991 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

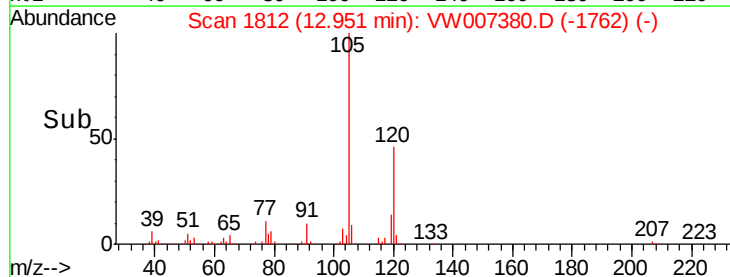
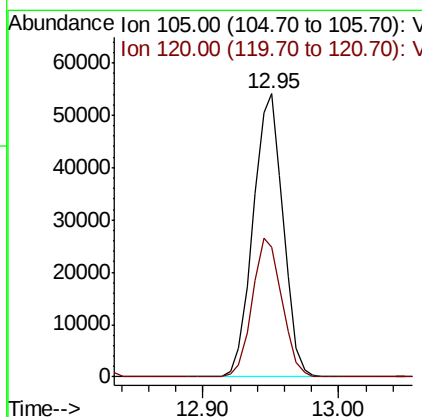
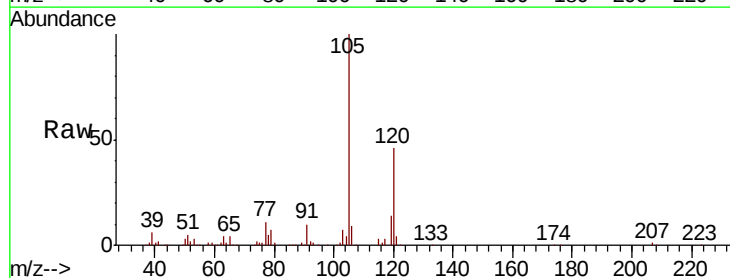
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

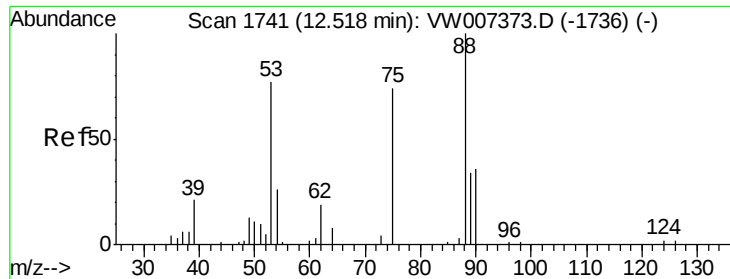
Tgt Ion: 91 Resp: 64098
 Ion Ratio Lower Upper
 91 100
 126 34.8 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 22.206 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 105 Resp: 83671
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.4

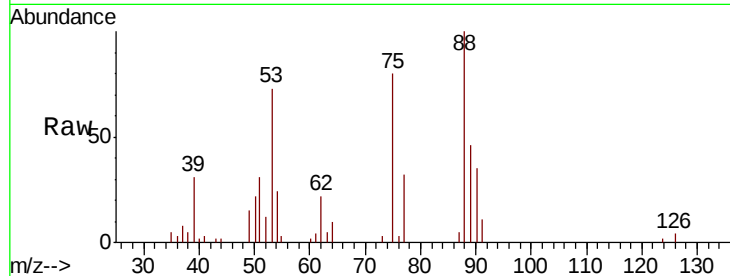




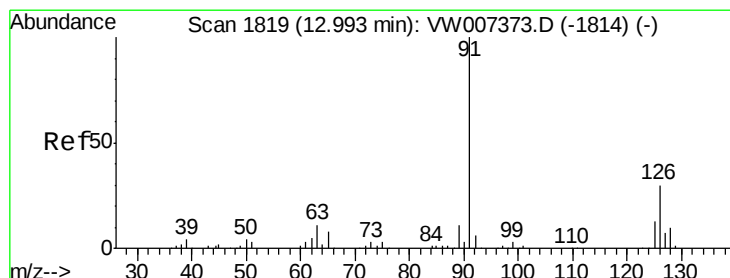
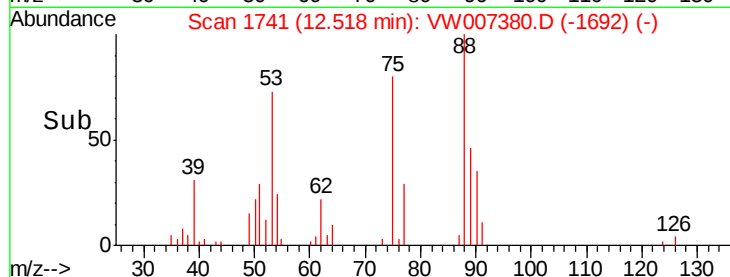
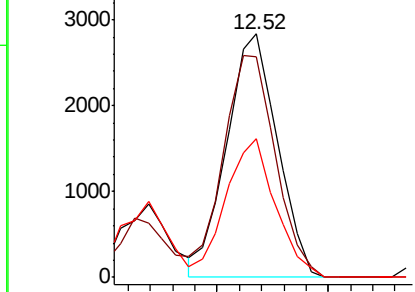
#81
trans-1,4-Dichloro-2-butene
Concen: 20.573 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 75 Resp: 4494
Ion Ratio Lower Upper
75 100
53 93.6 84.9 127.3
89 55.9 40.3 60.5

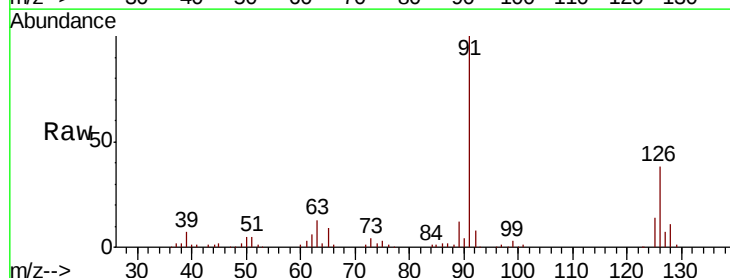


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW

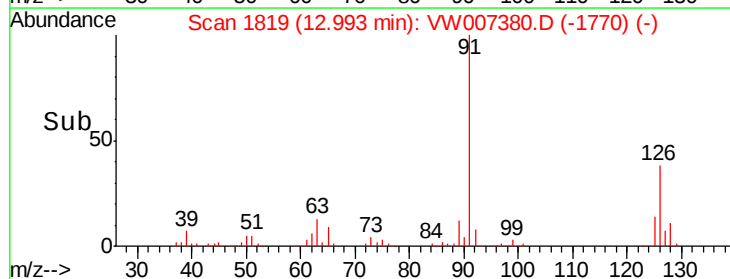
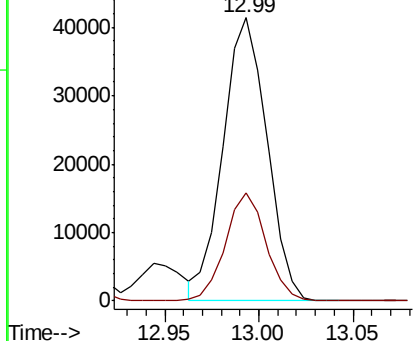


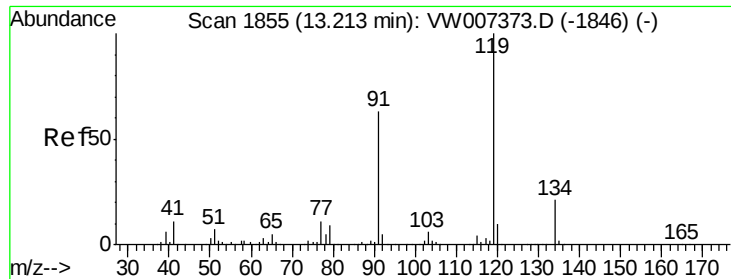
#82
4-Chlorotoluene
Concen: 20.855 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 91 Resp: 67131
Ion Ratio Lower Upper
91 100
126 35.2 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

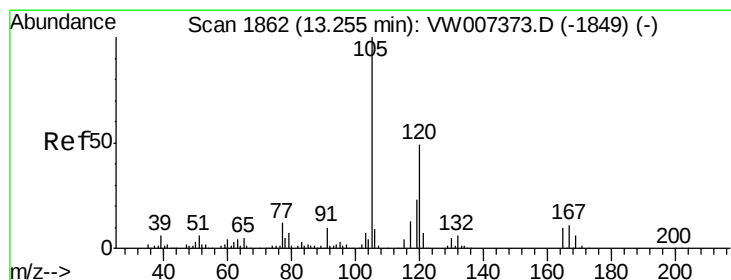
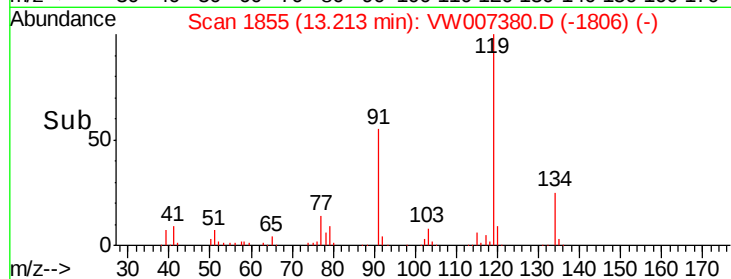
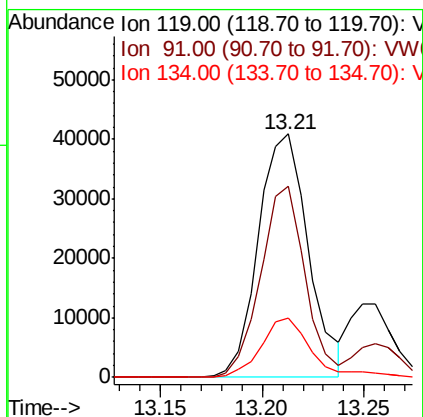
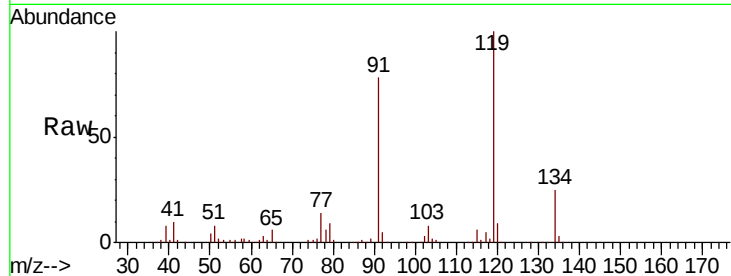




#83
 tert-Butylbenzene
 Concen: 21.043 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

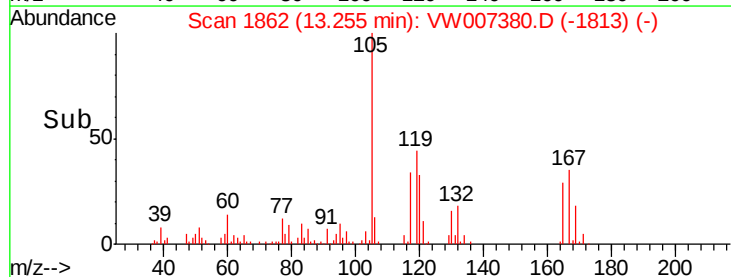
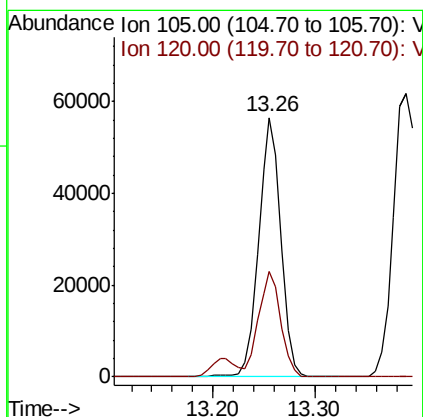
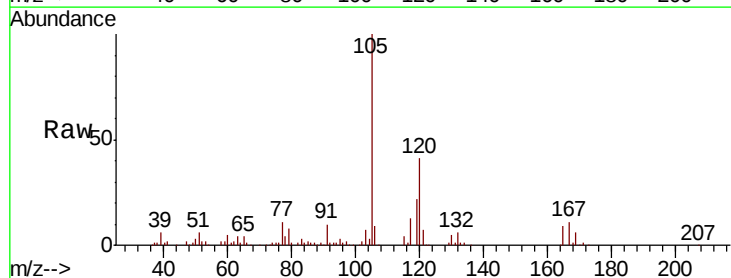
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

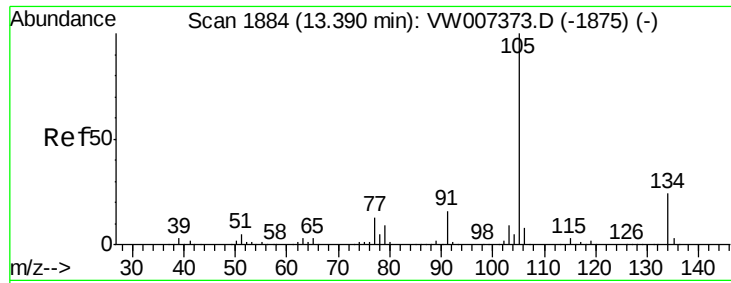
Tgt Ion:119 Resp: 69864
 Ion Ratio Lower Upper
 119 100
 91 69.8 33.1 99.2
 134 24.9 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.079 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion:105 Resp: 85608
 Ion Ratio Lower Upper
 105 100
 120 40.6 22.6 67.7

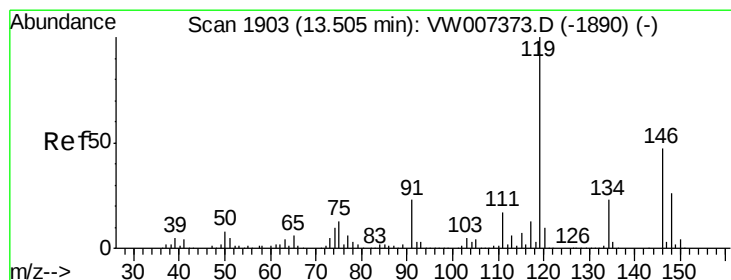
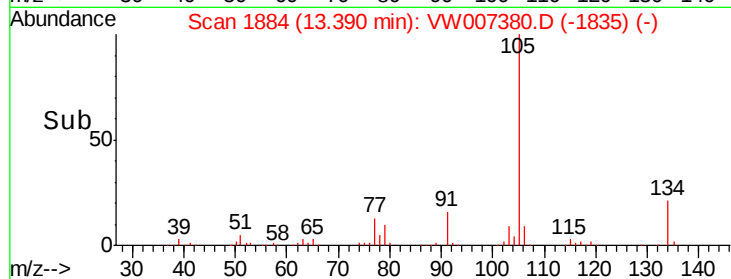
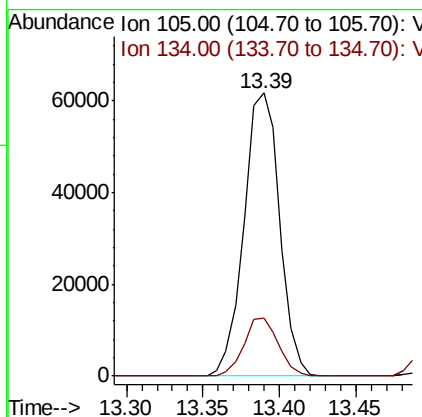
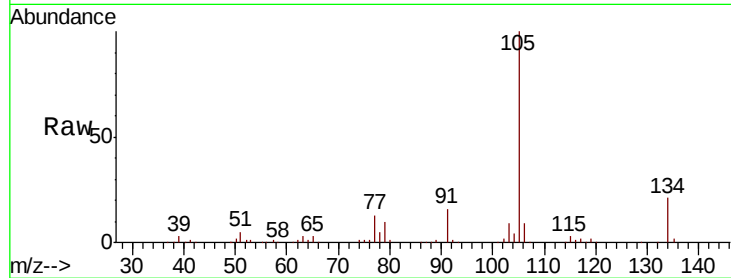




#85
 sec-Butylbenzene
 Concen: 22.051 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

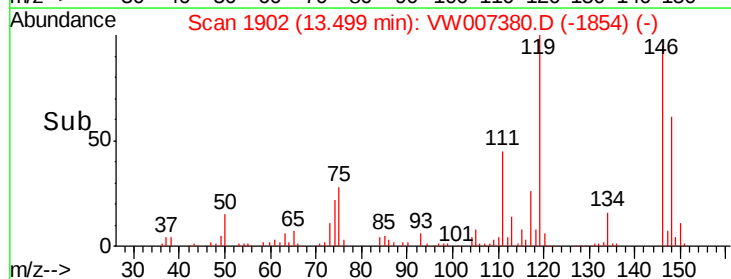
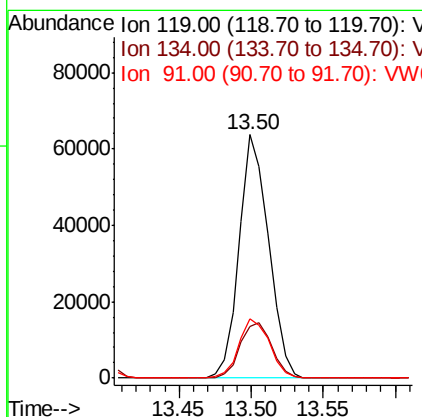
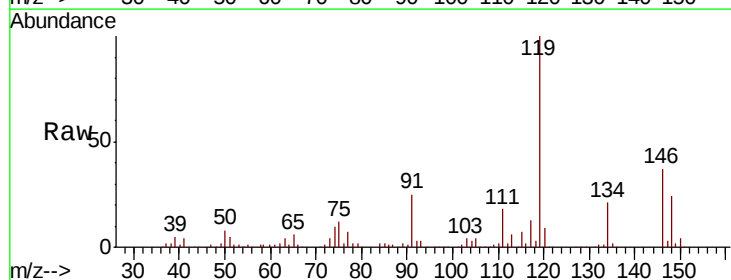
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

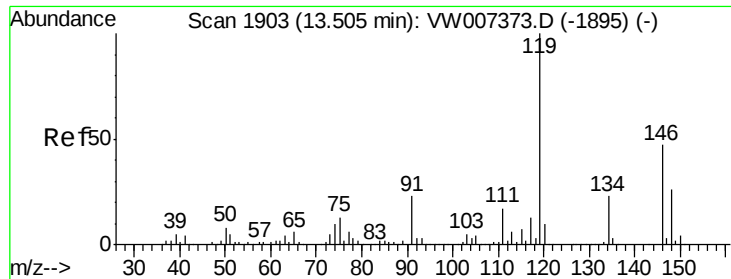
Tgt Ion:105 Resp: 99942
 Ion Ratio Lower Upper
 105 100
 134 19.7 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 22.221 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion:119 Resp: 90477
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.9 38.7
 91 25.5 11.9 35.9

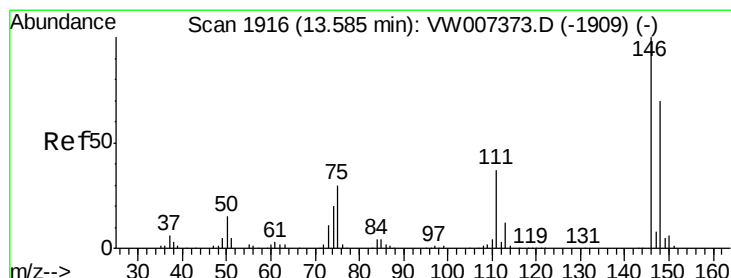
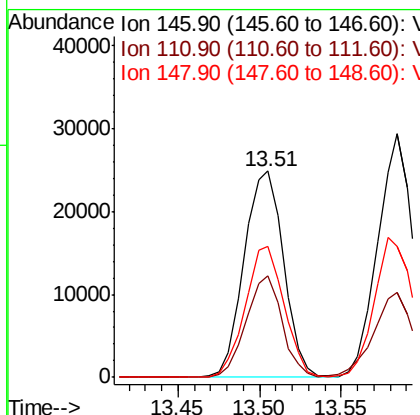
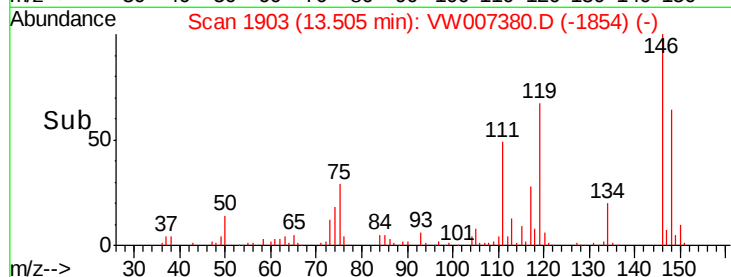
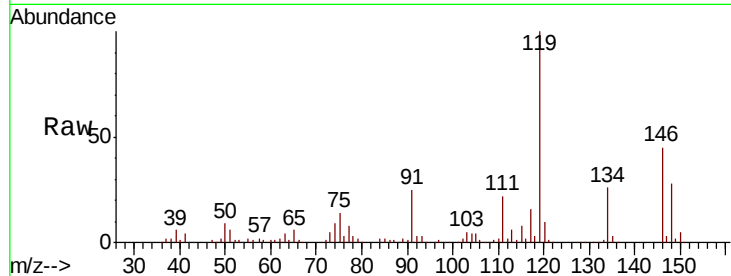




#87
 1,3-Dichlorobenzene
 Concen: 21.184 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

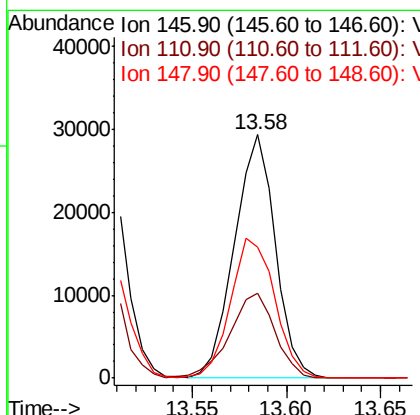
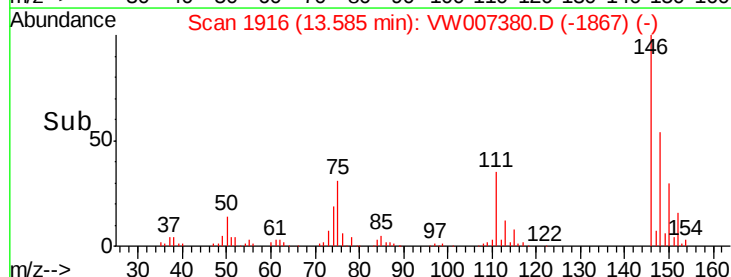
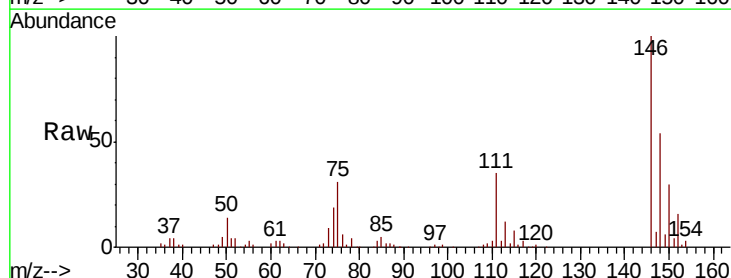
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

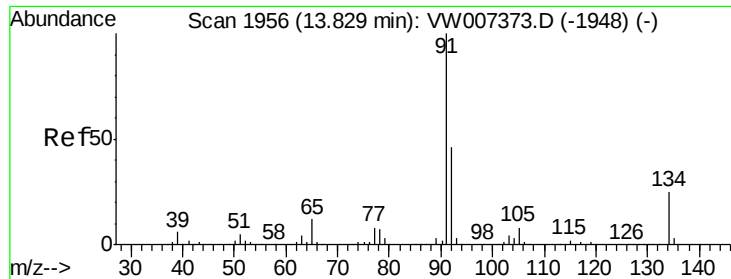
Tgt Ion:146 Resp: 41984
 Ion Ratio Lower Upper
 146 100
 111 45.1 20.1 60.3
 148 62.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 22.177 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion:146 Resp: 44186
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.3 61.0
 148 61.9 33.5 100.5





#89

n-Butylbenzene

Concen: 21.109 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

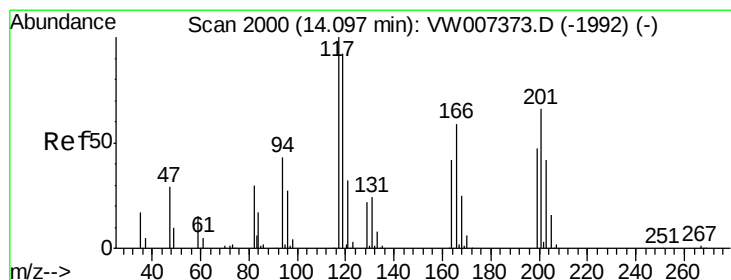
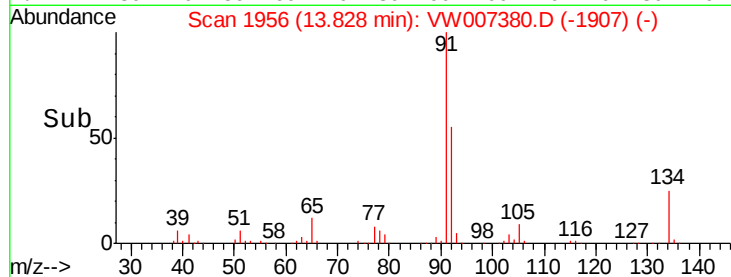
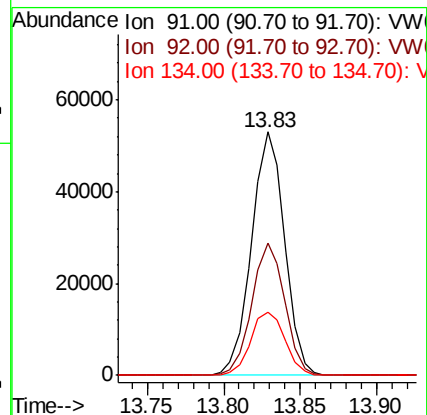
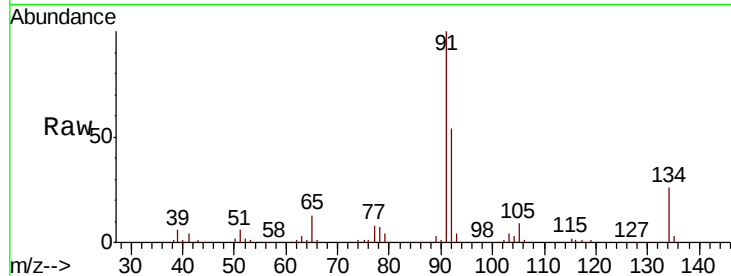
Tgt Ion: 91 Resp: 79678

Ion Ratio Lower Upper

91 100

92 53.8 25.7 77.1

134 27.0 13.4 40.2



#90

Hexachloroethane

Concen: 21.352 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007380.D

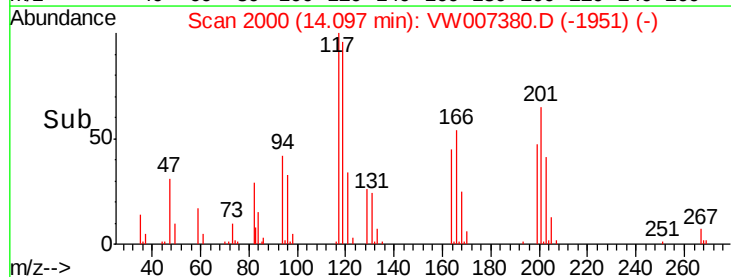
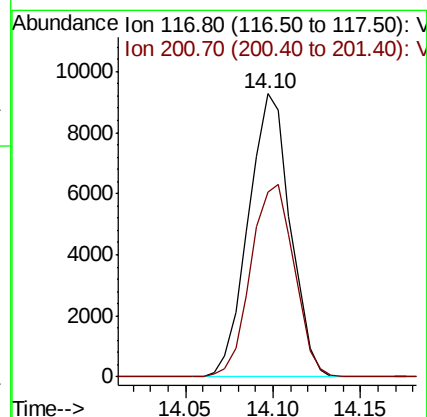
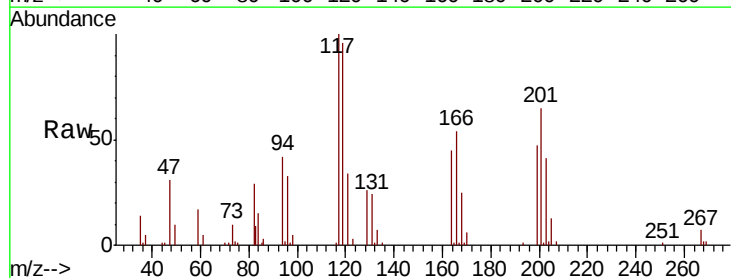
Acq: 11 Dec 2018 03:58

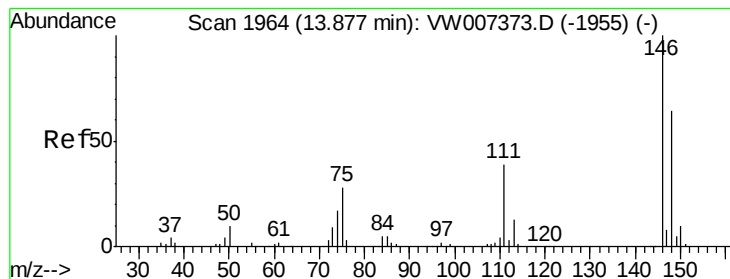
Tgt Ion: 117 Resp: 15469

Ion Ratio Lower Upper

117 100

201 70.3 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 21.653 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

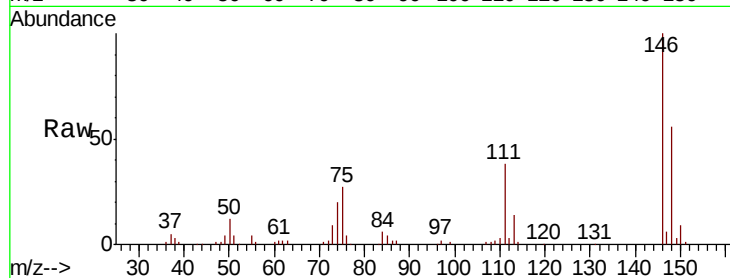
Tgt Ion:146 Resp: 38435

Ion Ratio Lower Upper

146 100

111 42.1 22.4 67.2

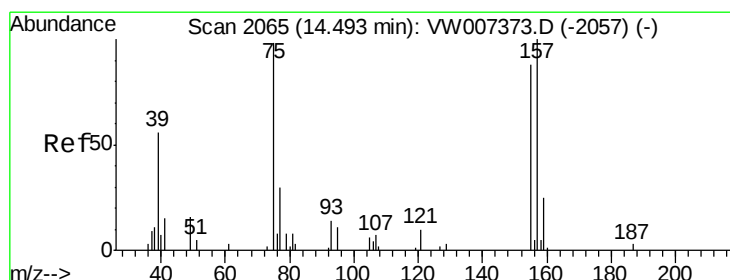
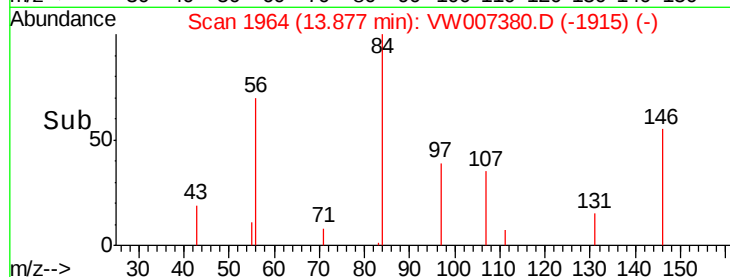
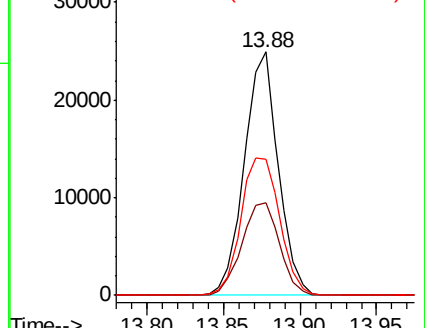
148 64.4 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.073 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

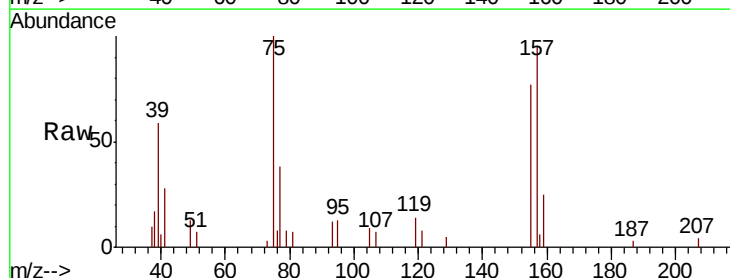
Tgt Ion: 75 Resp: 2942

Ion Ratio Lower Upper

75 100

155 77.4 40.8 122.2

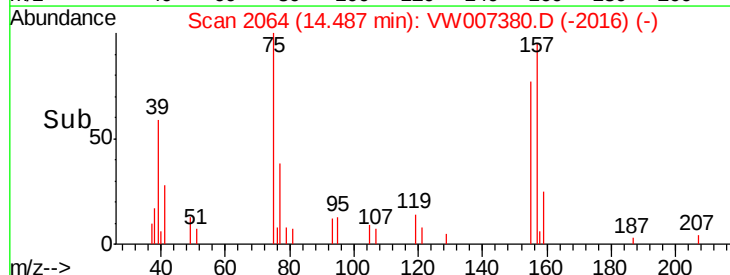
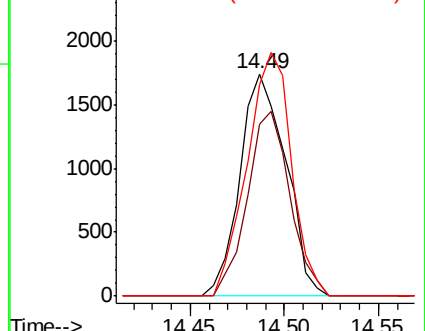
157 105.7 51.1 153.4

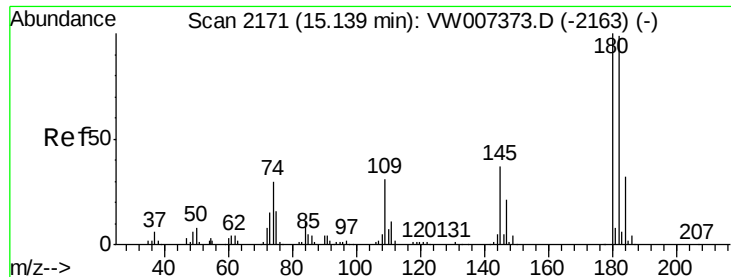


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

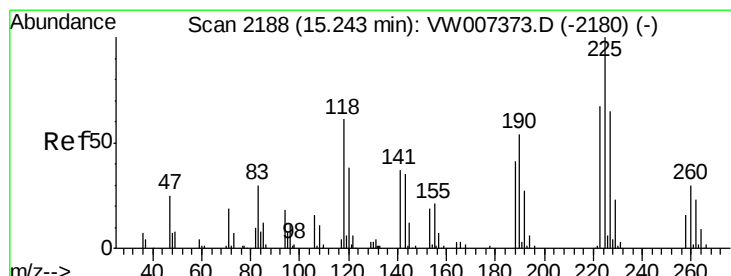
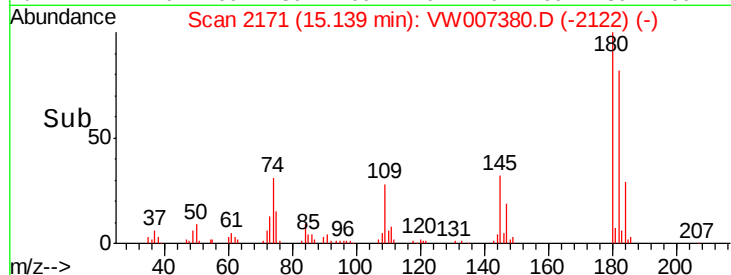
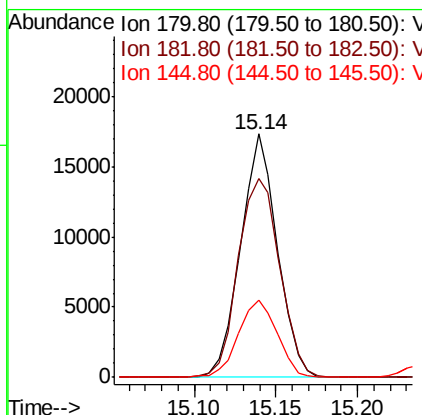
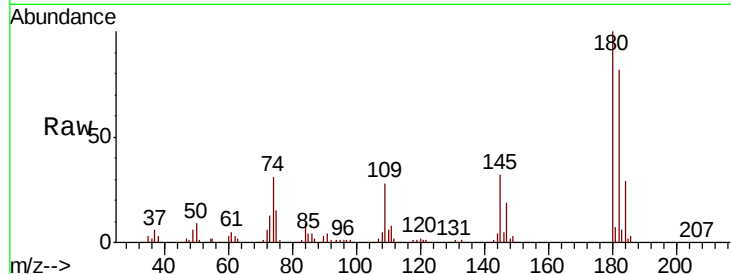




#93
 1,2,4-Trichlorobenzene
 Concen: 22.228 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

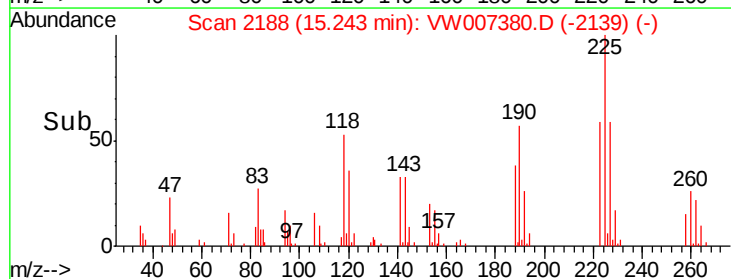
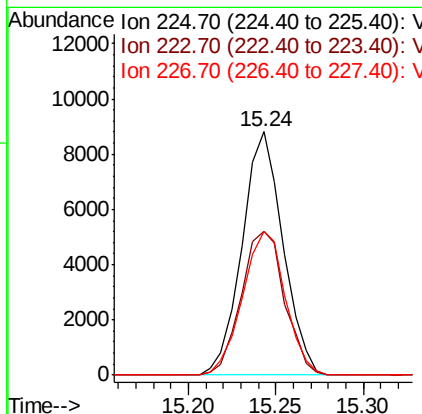
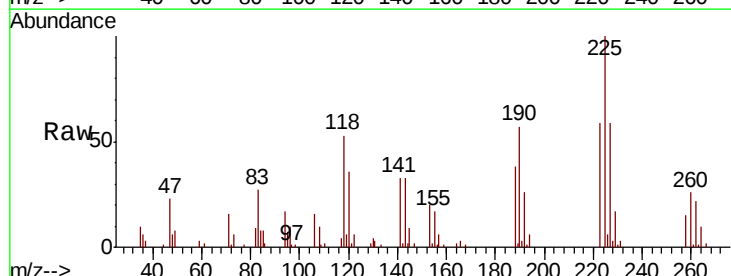
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

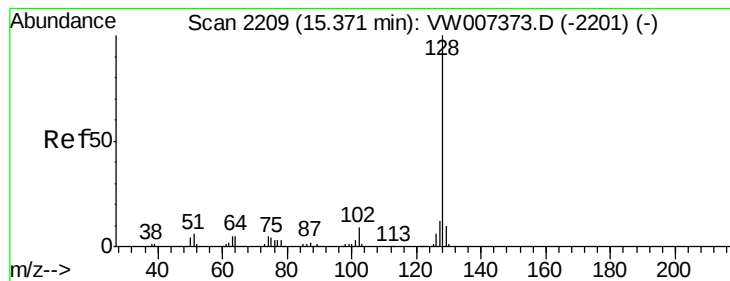
Tgt Ion:180 Resp: 27153
 Ion Ratio Lower Upper
 180 100
 182 92.4 49.9 149.6
 145 33.6 17.8 53.4



#94
 Hexachlorobutadiene
 Concen: 22.114 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion:225 Resp: 14333
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.3
 227 61.8 31.9 95.9





#95

Naphthalene

Concen: 21.466 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

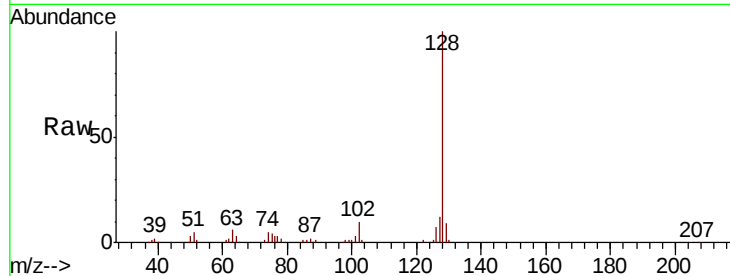
Tgt Ion:128 Resp: 50165

Ion Ratio Lower Upper

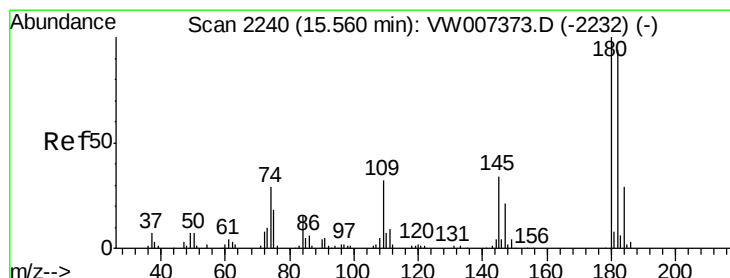
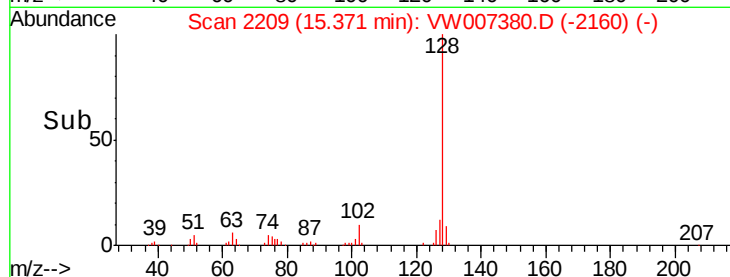
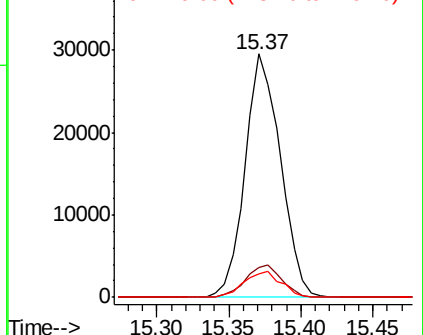
128 100

127 13.7 10.2 15.4

129 11.2 8.3 12.5



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



#96

1,2,3-Trichlorobenzene

Concen: 21.839 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

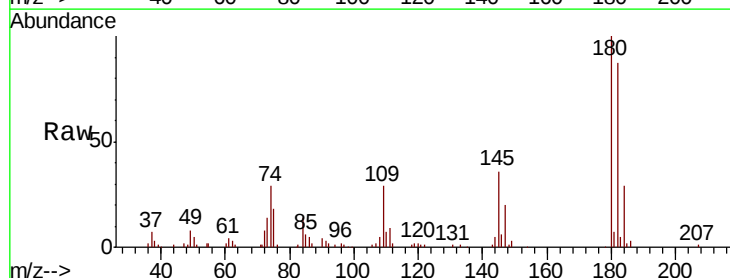
Tgt Ion:180 Resp: 23175

Ion Ratio Lower Upper

180 100

182 94.5 45.6 136.7

145 35.7 17.5 52.5



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

