

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005184.D
 Acq On : 07 Sep 2018 02:05
 Operator : SY/AP
 Sample : VW0906SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Quant Time: Sep 07 04:18:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	432438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	658642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	646434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	341591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	213922	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.89	113	208193	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.33	98	946920	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	343013	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	80539	23.112	ug/l	96
3) Chloromethane	2.21	50	112943	22.335	ug/l	100
4) Vinyl Chloride	2.35	62	106334	21.623	ug/l	99
5) Bromomethane	2.75	94	75448	22.510	ug/l	95
6) Chloroethane	2.90	64	62540	20.432	ug/l	100
7) Trichlorofluoromethane	3.25	101	124291	22.469	ug/l	97
8) Diethyl Ether	3.68	74	47696	23.831	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	83388	21.946	ug/l	99
10) Methyl Iodide	4.27	142	69411	15.109	ug/l	99
11) Tert butyl alcohol	5.18	59	39582	200.417	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	77604	22.193	ug/l	96
13) Acrolein	3.90	56	26078	112.079	ug/l	100
14) Allyl chloride	4.67	41	119160	21.800	ug/l	99
15) Acrylonitrile	5.37	53	107766	127.653	ug/l	99
16) Acetone	4.13	43	92166	128.203	ug/l	95
17) Carbon Disulfide	4.38	76	272176	22.338	ug/l	99
18) Methyl Acetate	4.68	43	55328	26.162	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	217548	25.621	ug/l	99
20) Methylene Chloride	4.92	84	114167	21.271	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	94239	22.120	ug/l	95
22) Diisopropyl ether	6.31	45	276154	24.009	ug/l	96
23) Vinyl Acetate	6.26	43	761511	126.044	ug/l	99
24) 1,1-Dichloroethane	6.22	63	160986	22.392	ug/l	99
25) 2-Butanone	7.18	43	162250	130.119	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114972	19.460	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	104191	22.356	ug/l	100
28) Bromochloromethane	7.52	49	70203	24.260	ug/l	98
29) Tetrahydrofuran	7.53	42	83418	130.927	ug/l	100
30) Chloroform	7.68	83	168304	22.936	ug/l	96
31) Cyclohexane	7.96	56	156544	22.235	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	140345	21.960	ug/l	100
36) 1,1-Dichloropropene	8.09	75	138942	22.150	ug/l	98
37) Ethyl Acetate	7.26	43	59012	25.155	ug/l	98
38) Carbon Tetrachloride	8.07	117	125197	20.990	ug/l	98

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 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	153616	20.250	ug/l	98
40) Benzene	8.33	78	417794	21.756	ug/l	98
41) Methacrylonitrile	7.49	41	32862	24.177	ug/l	93
42) 1,2-Dichloroethane	8.40	62	104944	22.330	ug/l	99
43) Isopropyl Acetate	8.43	43	105350	24.679	ug/l	99
44) Trichloroethene	9.10	130	113549	21.915	ug/l	97
45) 1,2-Dichloropropane	9.37	63	103308	22.021	ug/l	99
46) Dibromomethane	9.46	93	49899	22.244	ug/l	97
47) Bromodichloromethane	9.65	83	120687	21.367	ug/l	96
48) Methyl methacrylate	9.45	41	45601	22.185	ug/l	97
49) 1,4-Dioxane	9.46	88	15664	431.791	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	357520	124.965	ug/l	99
52) Toluene	10.39	92	273083	20.987	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	124180	22.374	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	153016	22.670	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81825	23.559	ug/l	96
56) Ethyl methacrylate	10.65	69	92073	23.236	ug/l	98
57) 1,3-Dichloropropane	10.94	76	136193	23.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	239395	127.500	ug/l	100
59) 2-Hexanone	10.98	43	239729	123.888	ug/l	99
60) Dibromochloromethane	11.13	129	90084	22.942	ug/l	99
61) 1,2-Dibromoethane	11.24	107	71695	22.864	ug/l	98
64) Tetrachloroethene	10.87	164	108510	21.394	ug/l	97
65) Chlorobenzene	11.66	112	304448	20.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98118	22.063	ug/l	99
67) Ethyl Benzene	11.74	91	504965	20.525	ug/l	99
68) m/p-Xylenes	11.85	106	411253	41.749	ug/l	100
69) o-Xylene	12.17	106	192319	21.117	ug/l	98
70) Styrene	12.19	104	317062	21.075	ug/l	99
71) Bromoform	12.35	173	54027	22.922	ug/l #	98
73) Isopropylbenzene	12.47	105	507360	21.065	ug/l	100
74) N-amyl acetate	12.28	43	97292	23.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89436	24.392	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	112502	43.877	ug/l #	100
77) Bromobenzene	12.76	156	128431	21.641	ug/l	98
78) n-propylbenzene	12.81	91	616707	21.210	ug/l	98
79) 2-Chlorotoluene	12.90	91	354554	20.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	434154	20.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23820	22.360	ug/l	98
82) 4-Chlorotoluene	12.99	91	379530	21.188	ug/l	99
83) tert-Butylbenzene	13.21	119	362501	20.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	427889	20.171	ug/l	98
85) sec-Butylbenzene	13.39	105	530425	20.750	ug/l	100
86) p-Isopropyltoluene	13.51	119	456035	20.153	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	254477	20.875	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	246792	20.408	ug/l	98
89) n-Butylbenzene	13.83	91	425077	20.270	ug/l	98
90) Hexachloroethane	14.10	117	79141	21.055	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	232085	21.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13805	24.093	ug/l	96

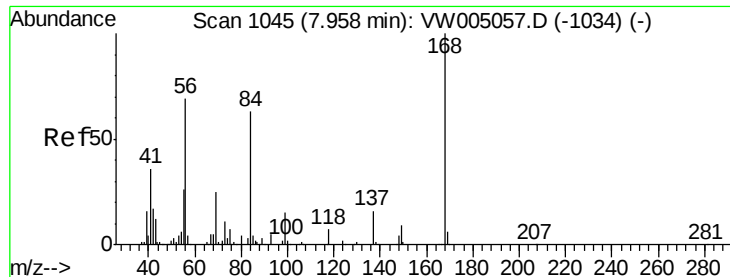
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
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Acq On : 07 Sep 2018 02:05
Operator : SY/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	147062	20.641	ug/l	99
94) Hexachlorobutadiene	15.25	225	93045	20.998	ug/l	100
95) Naphthalene	15.38	128	247123	22.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131960	21.643	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

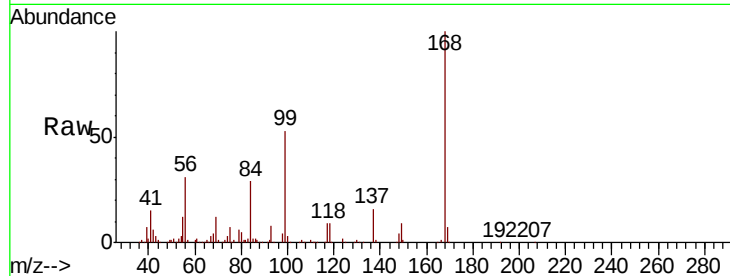
VW0906SBSD02

Tgt Ion:168 Resp: 432438

Ion Ratio Lower Upper

168 100

99 52.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

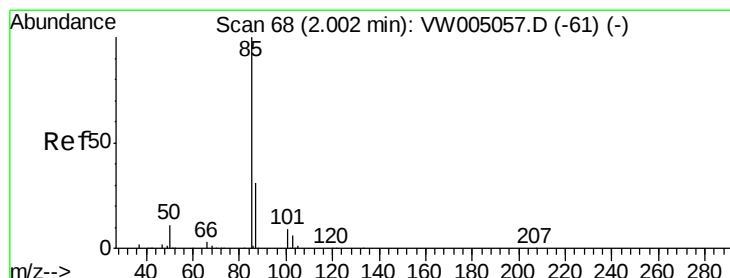
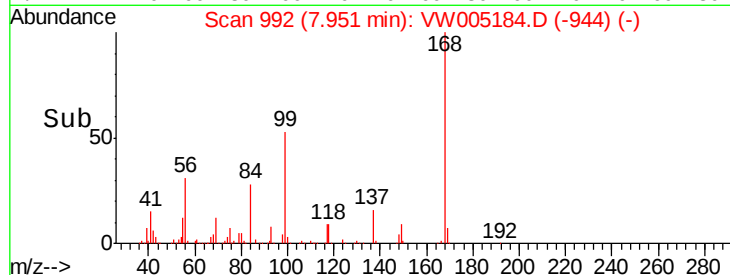
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.112 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005184.D

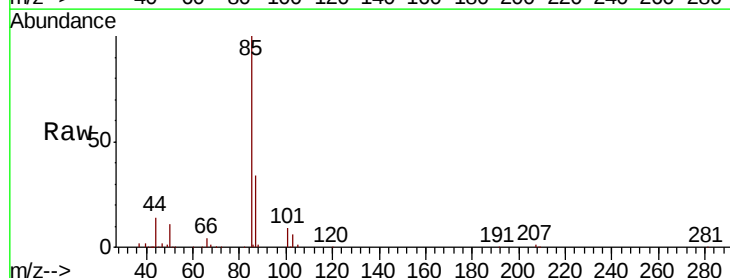
Acq: 07 Sep 2018 02:05

Tgt Ion: 85 Resp: 80539

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

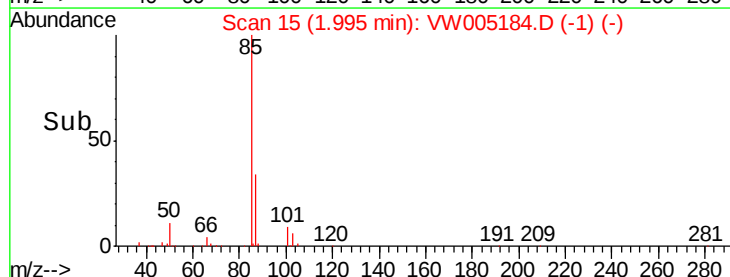
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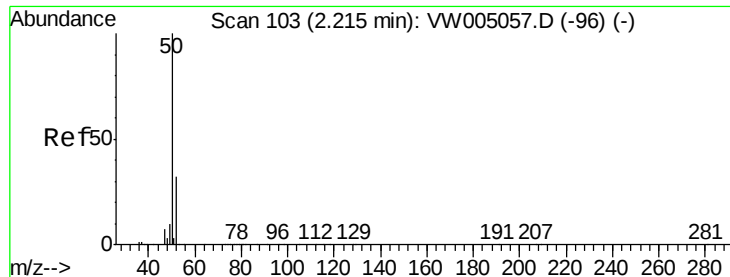
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.335 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

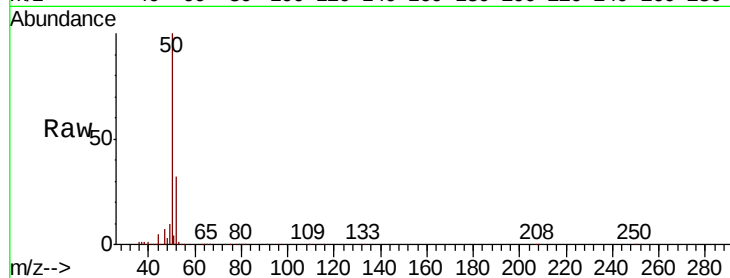
VW0906SBSD02

Tgt Ion: 50 Resp: 112943

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

80000

60000

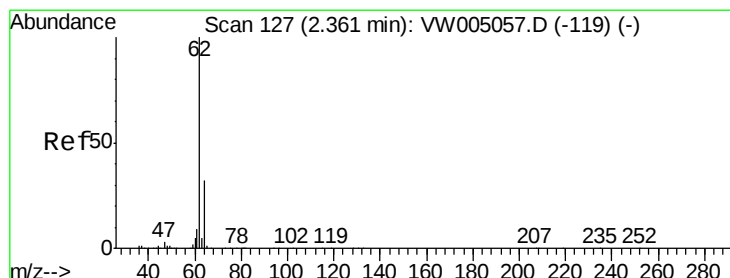
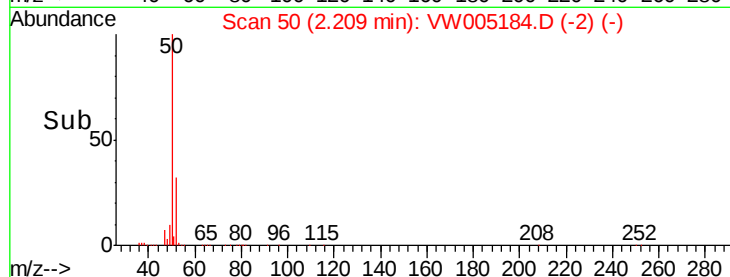
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 21.623 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005184.D

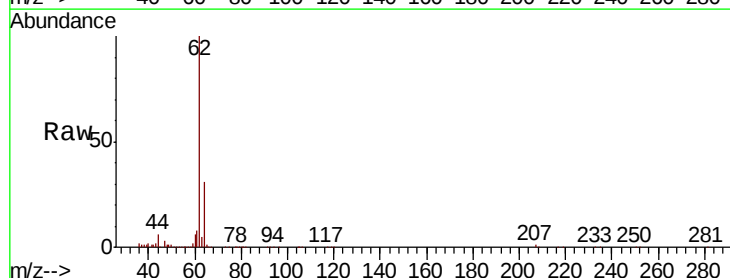
Acq: 07 Sep 2018 02:05

Tgt Ion: 62 Resp: 106334

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

60000

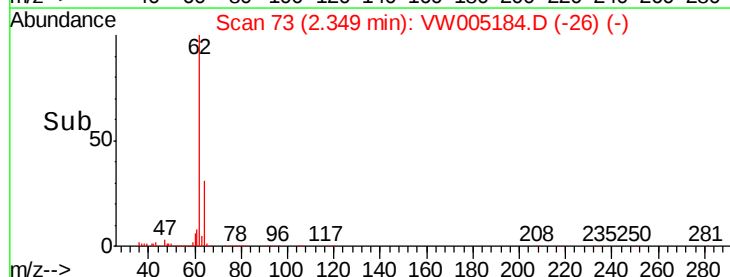
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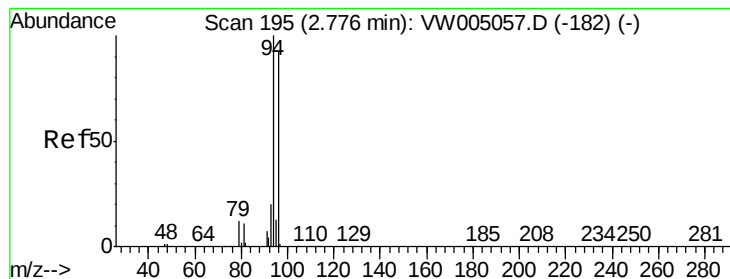
20000

0

Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 22.510 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

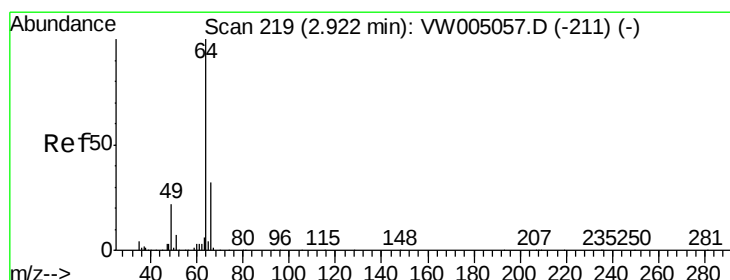
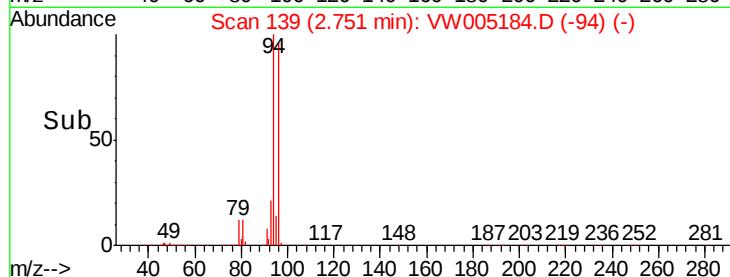
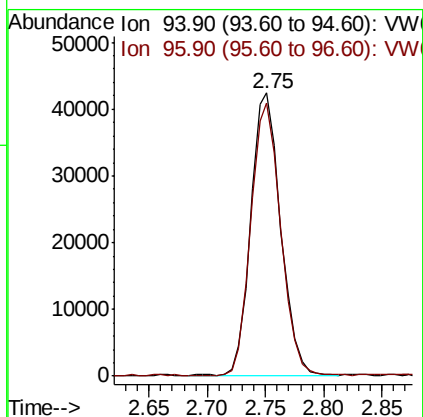
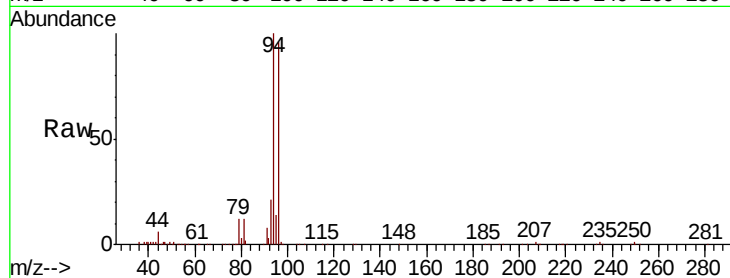
VW0906SBSD02

Tgt Ion: 94 Resp: 75448

Ion Ratio Lower Upper

94 100

96 96.3 73.2 109.8



#6

Chloroethane

Concen: 20.432 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW005184.D

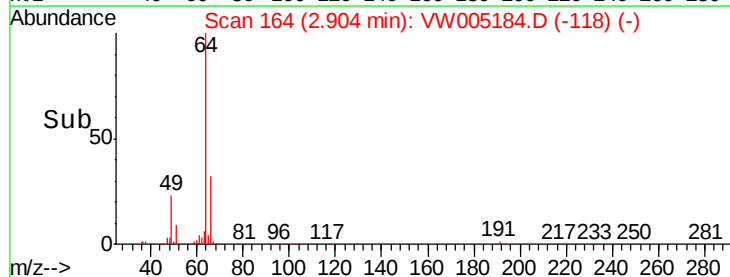
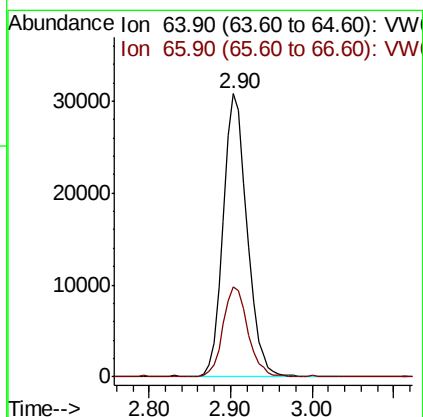
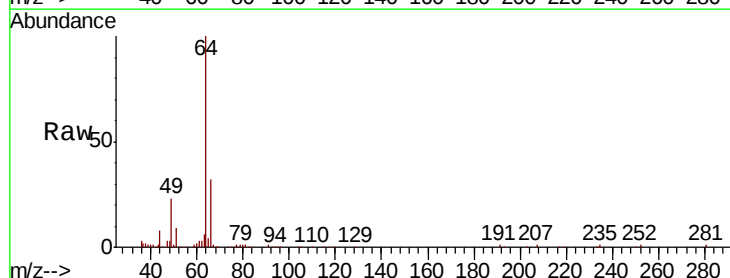
Acq: 07 Sep 2018 02:05

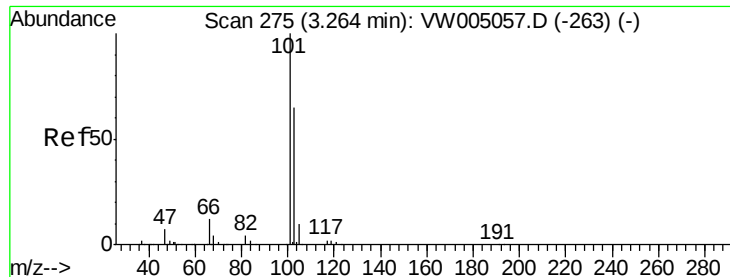
Tgt Ion: 64 Resp: 62540

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



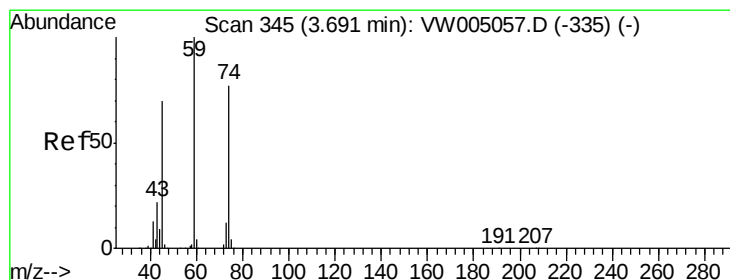
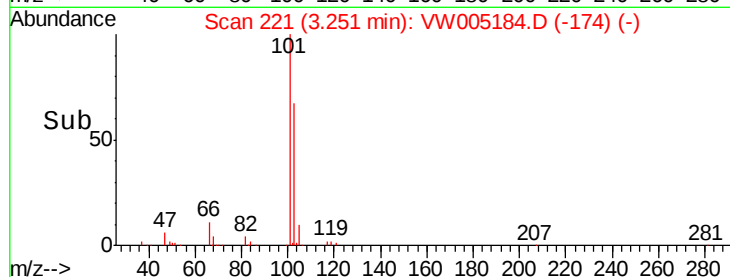
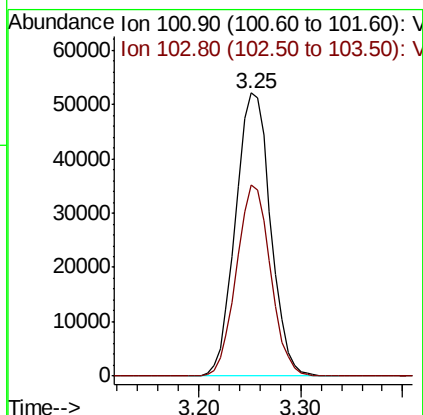
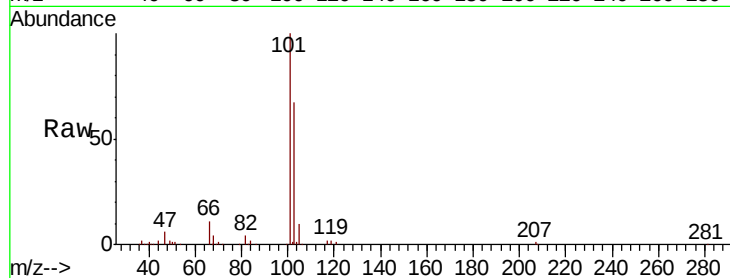


#7

Trichlorofluoromethane
 Concen: 22.469 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

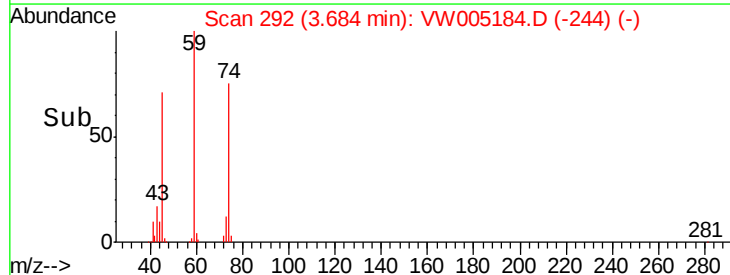
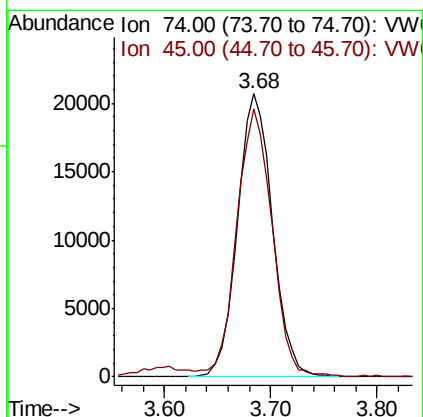
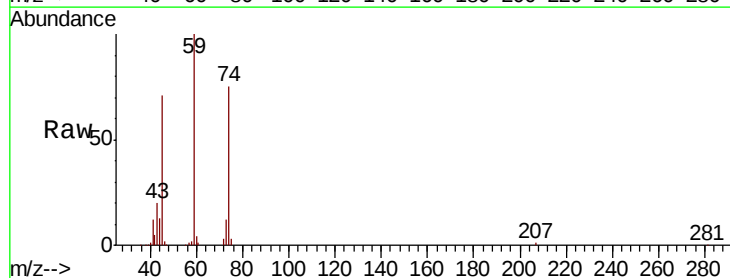
Tgt Ion: 101 Resp: 124291
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.9 77.9

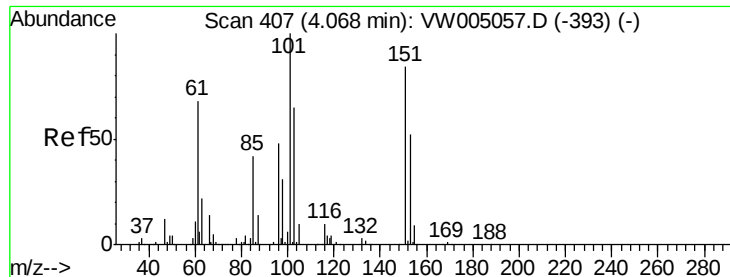


#8

Diethyl Ether
 Concen: 23.831 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 74 Resp: 47696
 Ion Ratio Lower Upper
 74 100
 45 96.0 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.946 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

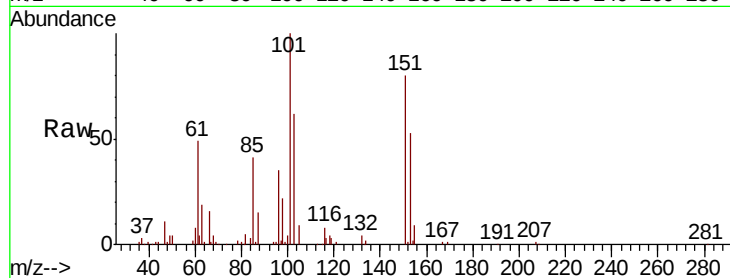
Tgt Ion:101 Resp: 83388

Ion Ratio Lower Upper

101 100

85 41.7 33.0 49.6

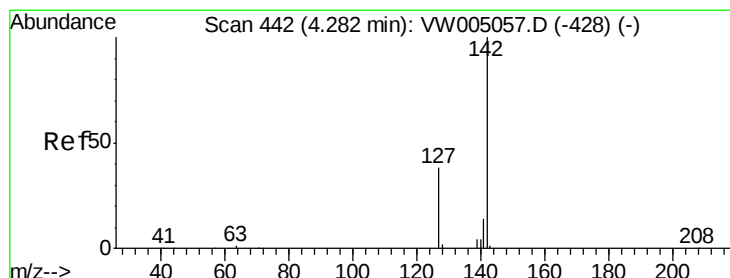
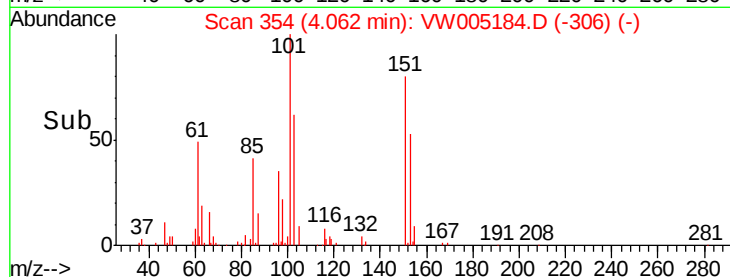
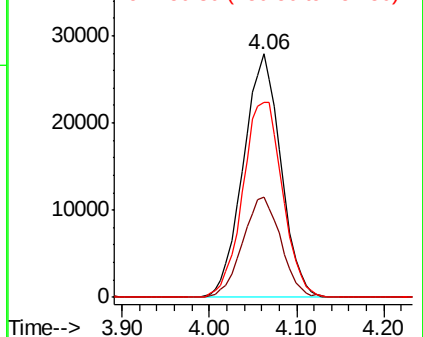
151 84.8 67.0 100.6



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: 15.109 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

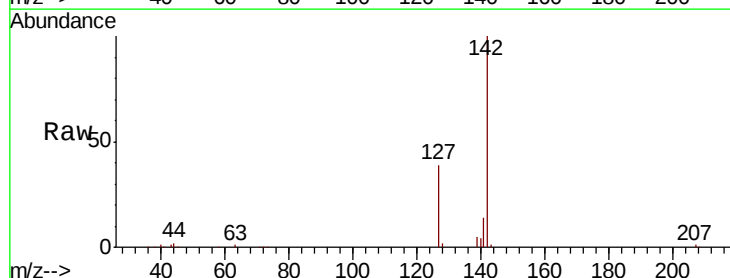
Tgt Ion:142 Resp: 69411

Ion Ratio Lower Upper

142 100

127 39.2 30.8 46.2

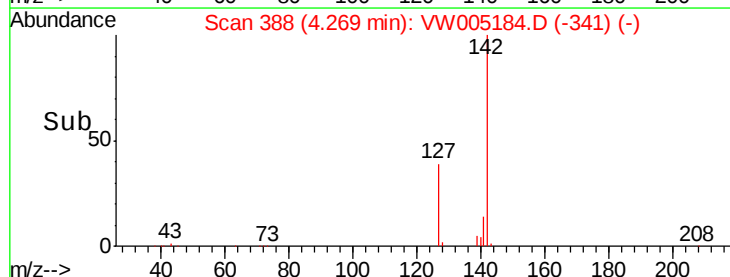
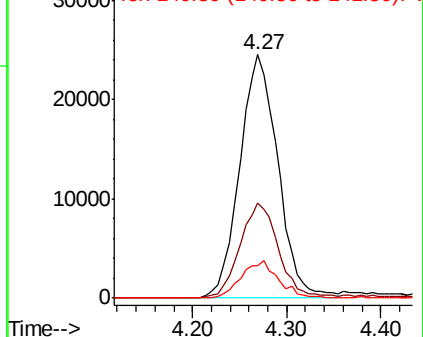
141 15.1 11.6 17.4

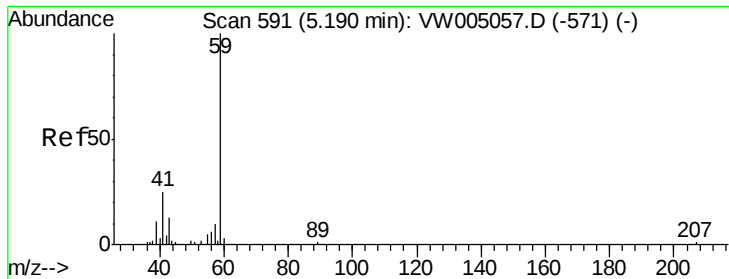


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

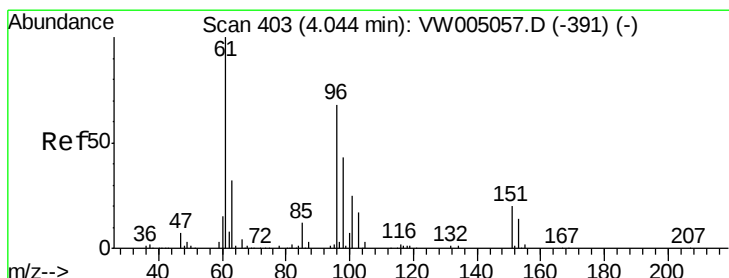
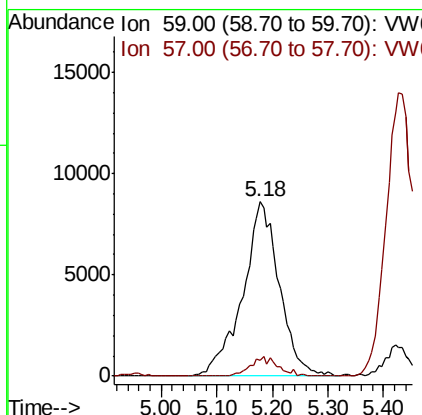
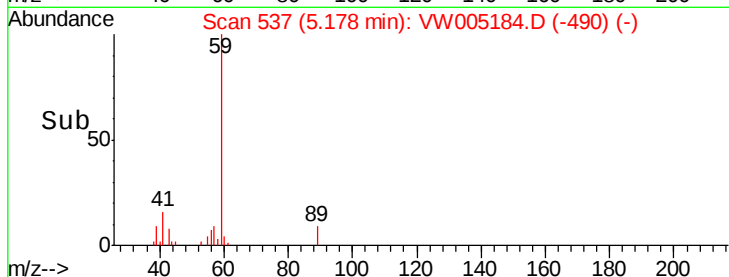
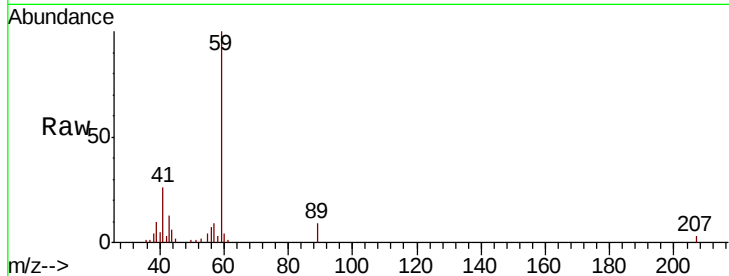




#11
Tert butyl alcohol
Concen: 200.417 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

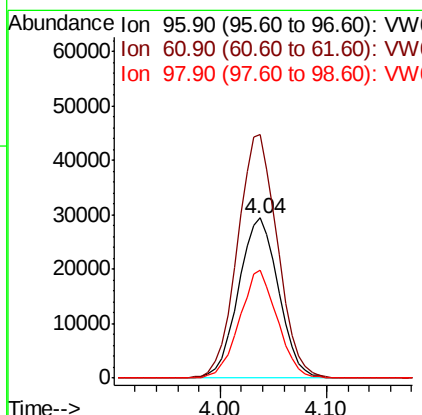
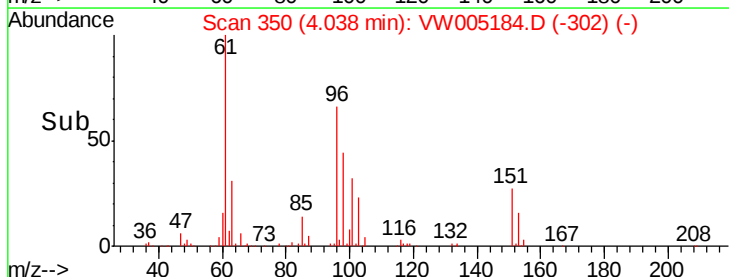
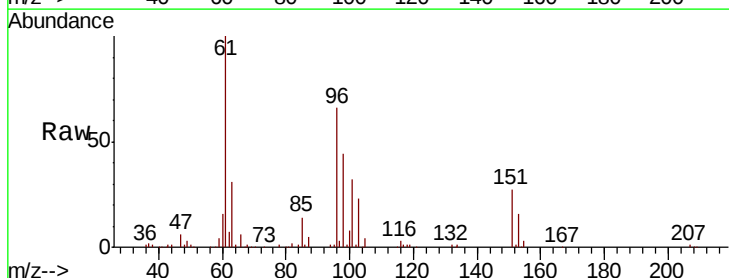
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

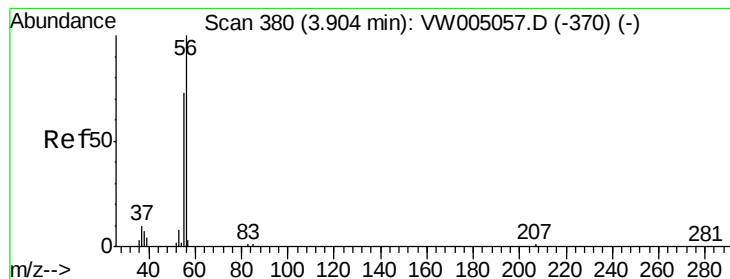
Tgt Ion: 59 Resp: 39582
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 22.193 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 96 Resp: 77604
Ion Ratio Lower Upper
96 100
61 152.1 117.4 176.0
98 67.4 51.0 76.4





#13

Acrolein

Concen: 112.079 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

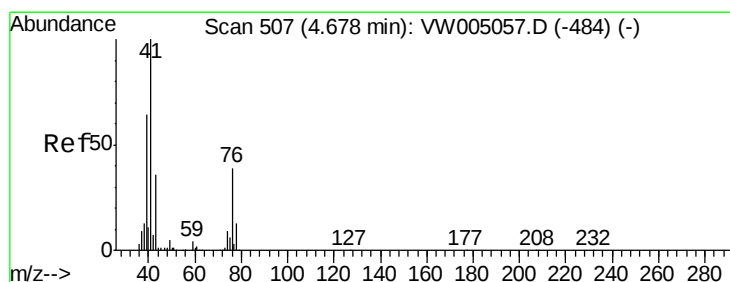
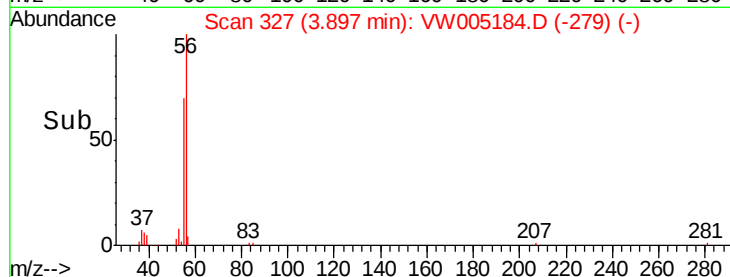
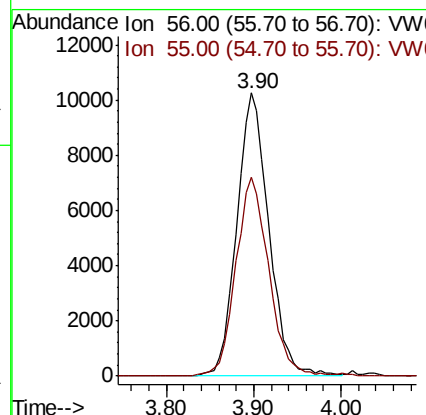
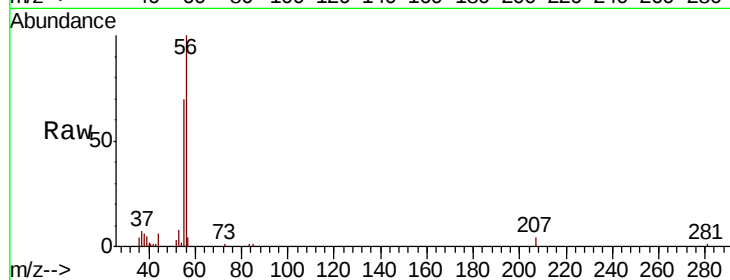
VW0906SBSD02

Tgt Ion: 56 Resp: 26078

Ion Ratio Lower Upper

56 100

55 72.5 58.1 87.1



#14

Allyl chloride

Concen: 21.800 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

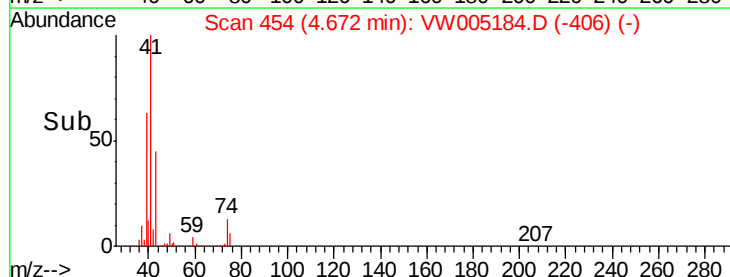
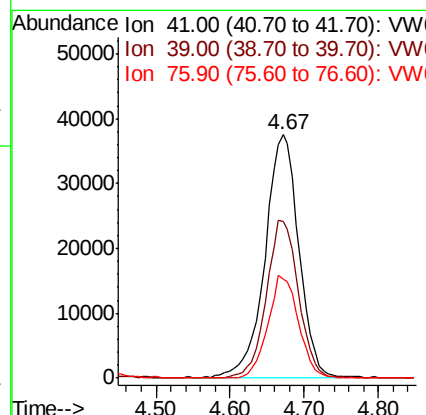
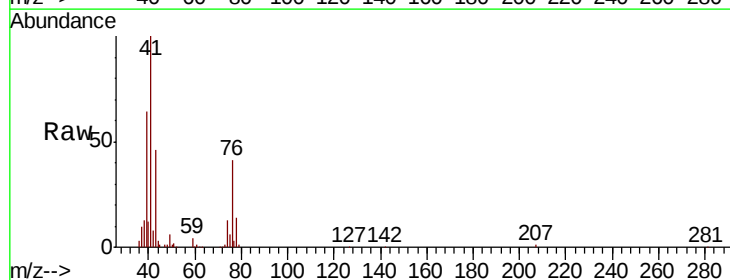
Tgt Ion: 41 Resp: 119160

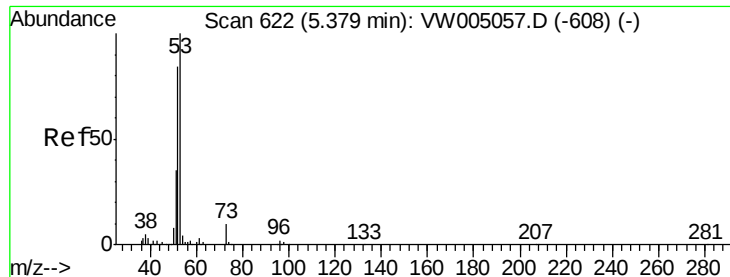
Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.2

76 38.2 31.8 47.6





#15

Acrylonitrile

Concen: 127.653 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

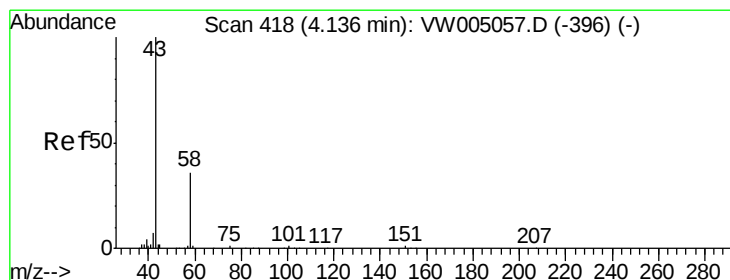
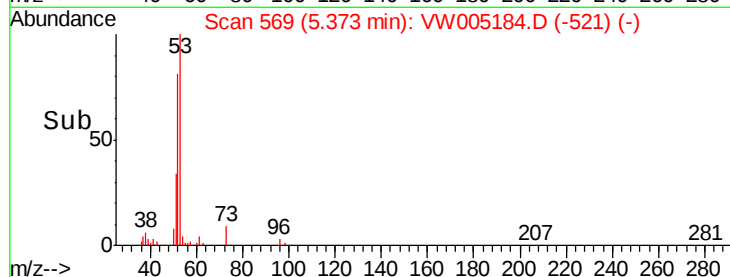
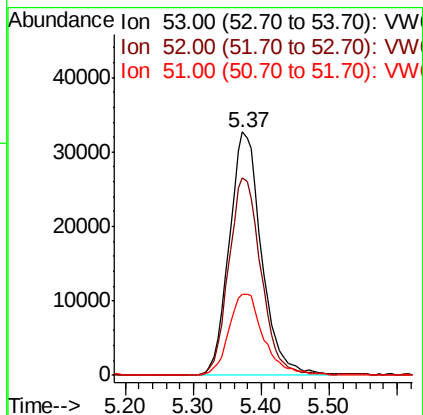
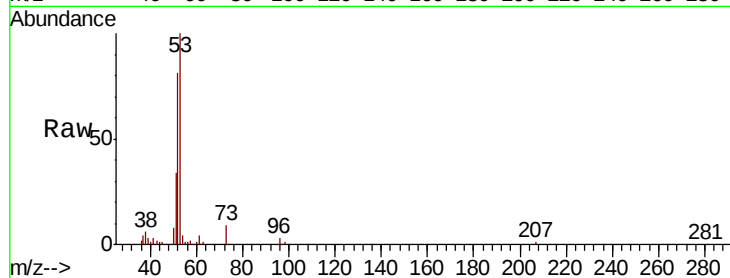
Tgt Ion: 53 Resp: 107766

Ion Ratio Lower Upper

53 100

52 81.3 65.7 98.5

51 35.9 28.8 43.2



#16

Acetone

Concen: 128.203 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005184.D

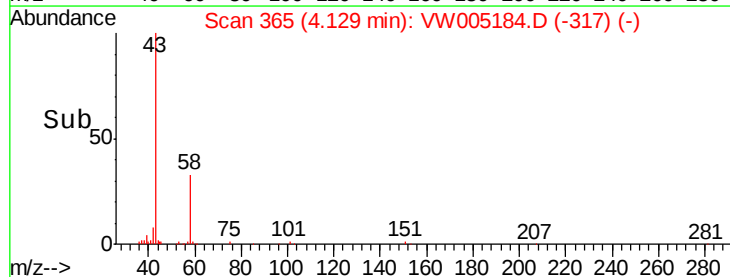
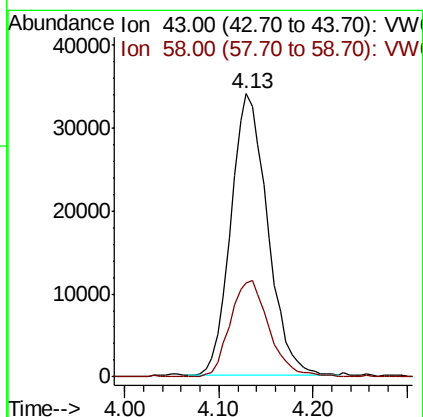
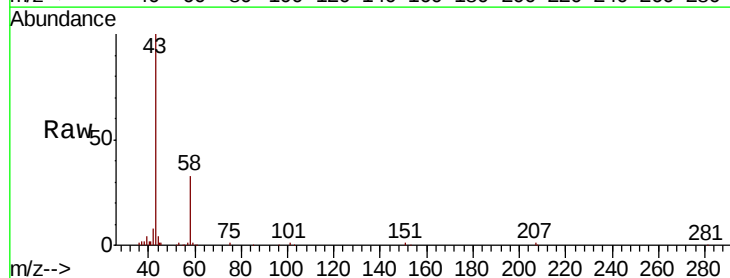
Acq: 07 Sep 2018 02:05

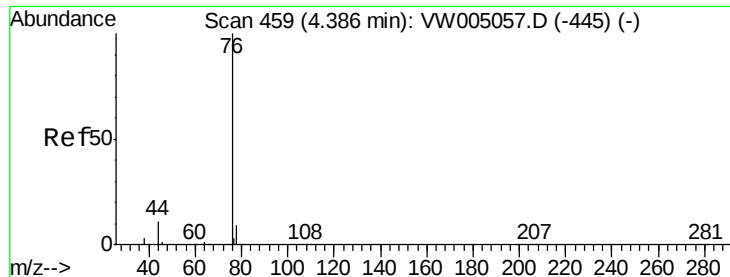
Tgt Ion: 43 Resp: 92166

Ion Ratio Lower Upper

43 100

58 33.2 29.0 43.6

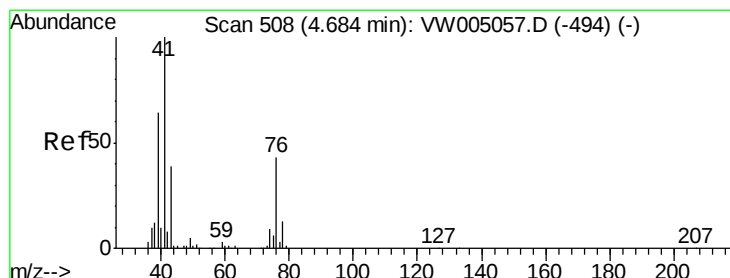
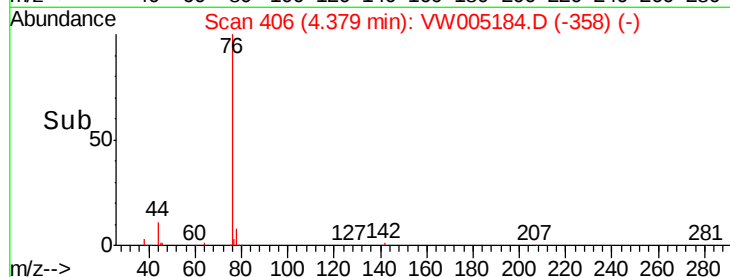
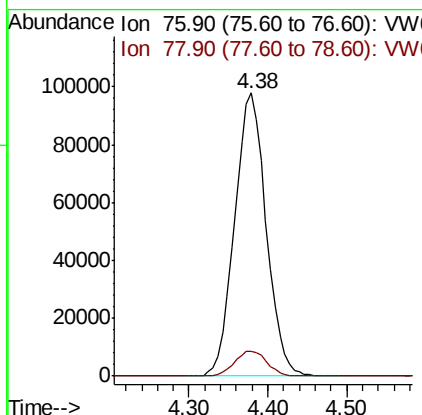
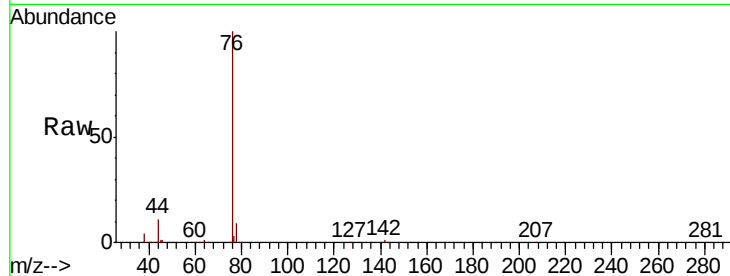




#17
Carbon Disulfide
Concen: 22.338 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

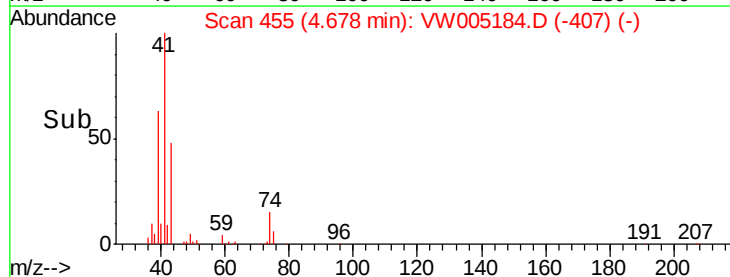
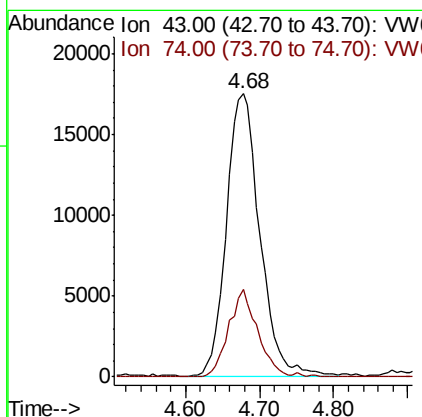
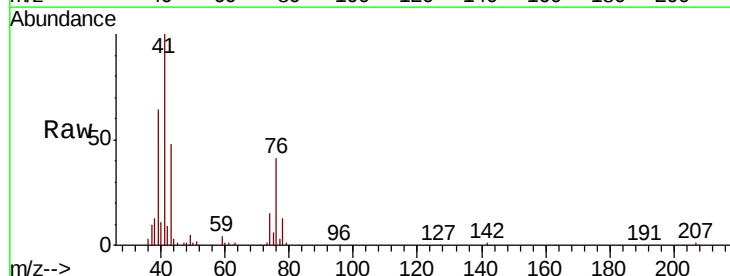
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

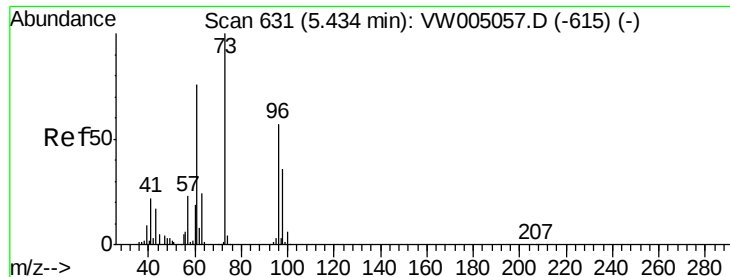
Tgt Ion: 76 Resp: 272176
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 26.162 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 43 Resp: 55328
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1



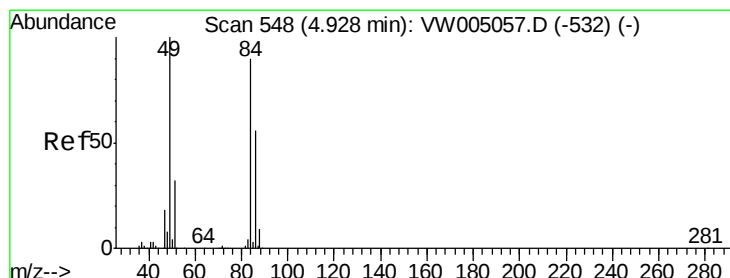
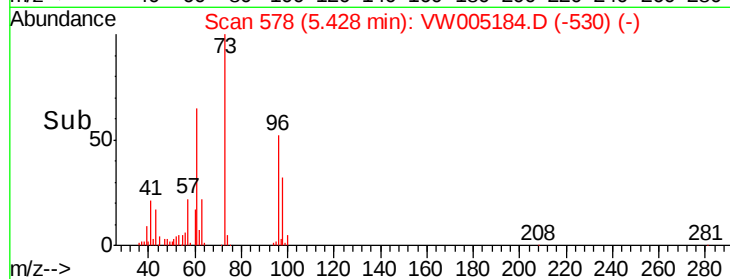
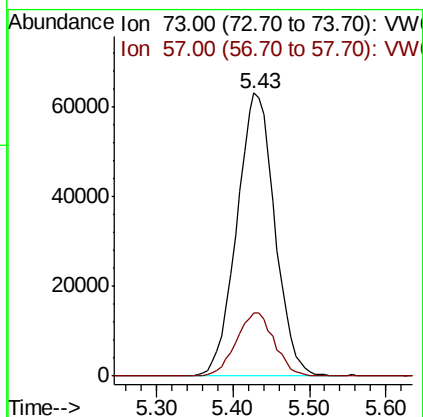
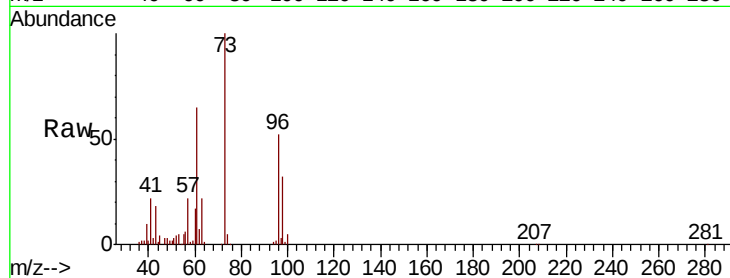


#19

Methyl tert-butyl Ether
 Concen: 25.621 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

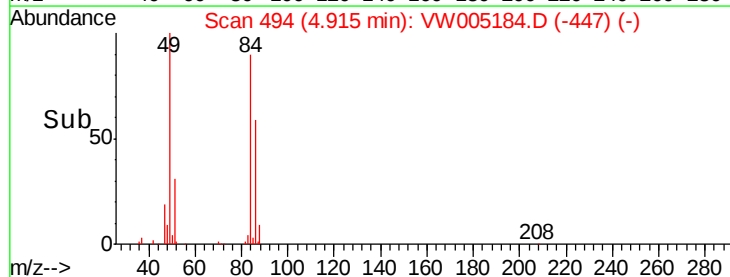
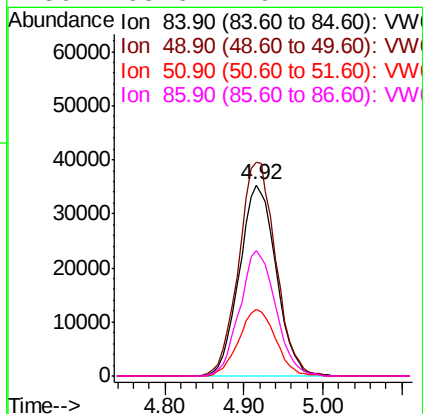
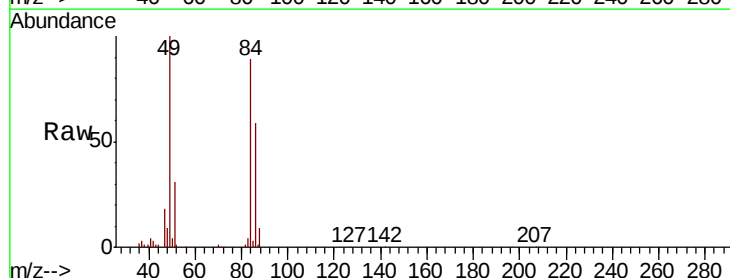
Tgt Ion: 73 Resp: 217548
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.1 27.1

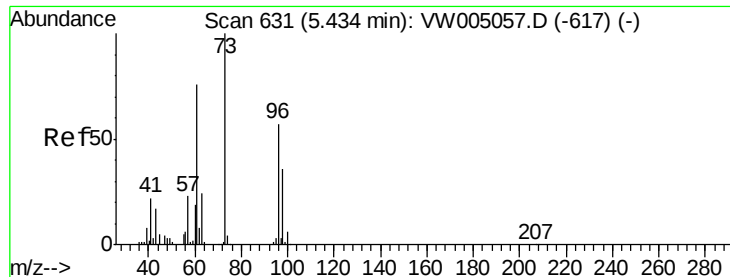


#20

Methylene Chloride
 Concen: 21.271 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 84 Resp: 114167
 Ion Ratio Lower Upper
 84 100
 49 111.9 88.7 133.1
 51 35.2 28.6 42.8
 86 65.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 22.120 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

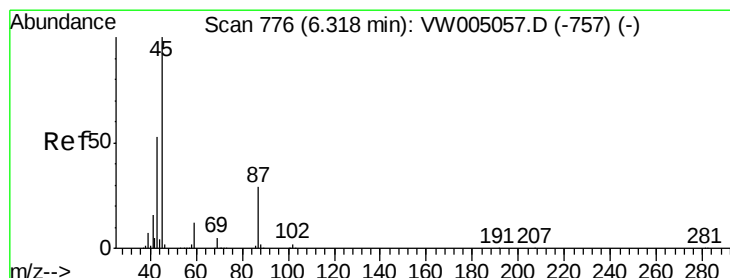
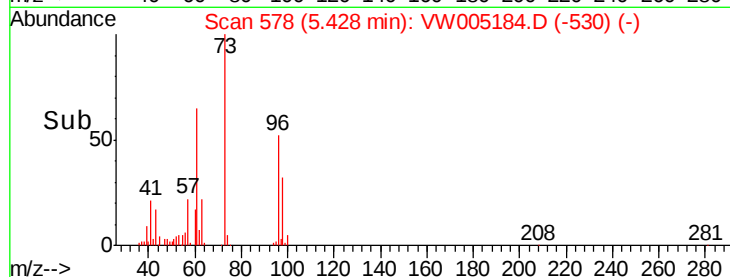
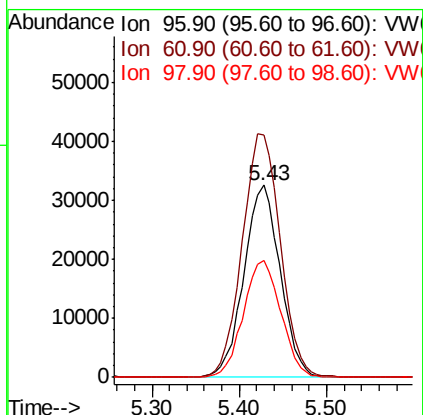
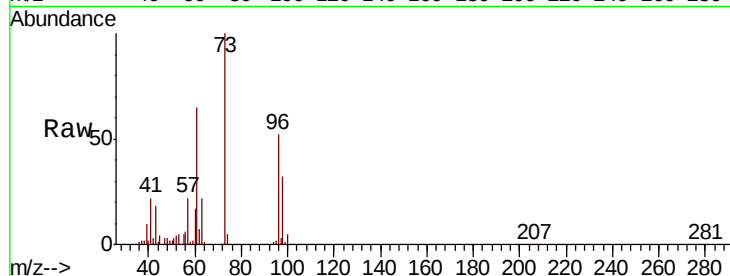
Tgt Ion: 96 Resp: 94239

Ion Ratio Lower Upper

96 100

61 125.9 106.3 159.5

98 61.0 50.9 76.3



#22

Diisopropyl ether

Concen: 24.009 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion: 45 Resp: 276154

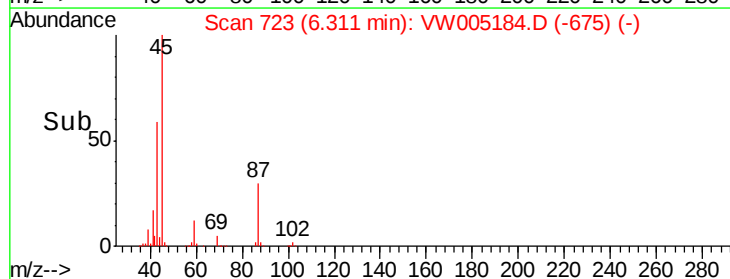
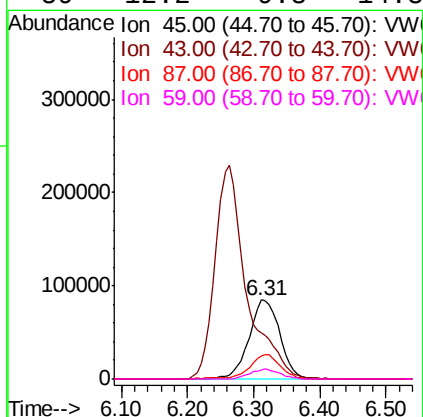
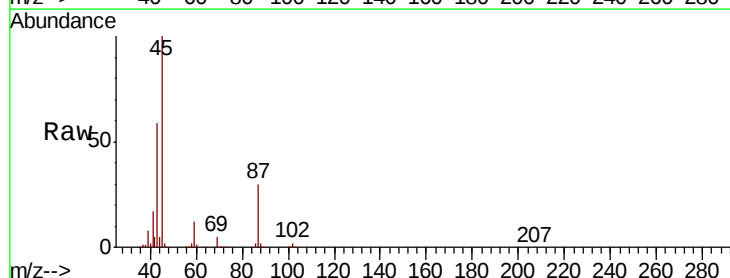
Ion Ratio Lower Upper

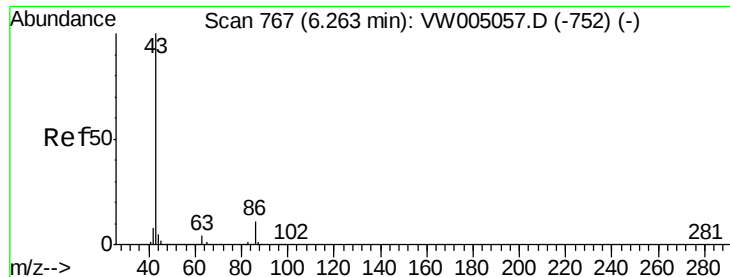
45 100

43 57.8 42.6 63.8

87 29.5 23.6 35.4

59 12.2 9.8 14.8

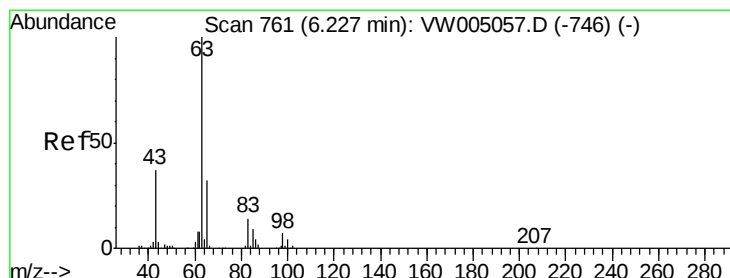
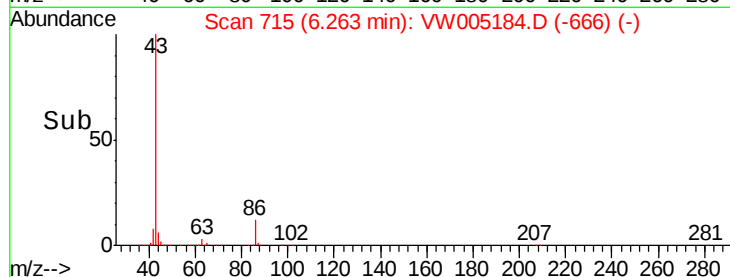
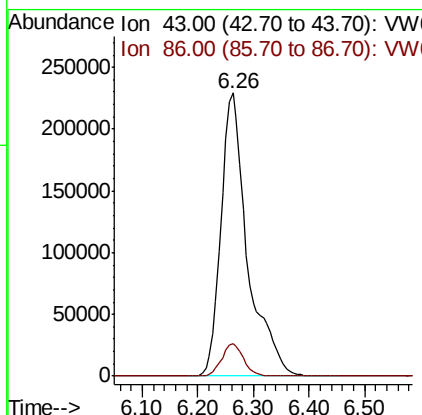
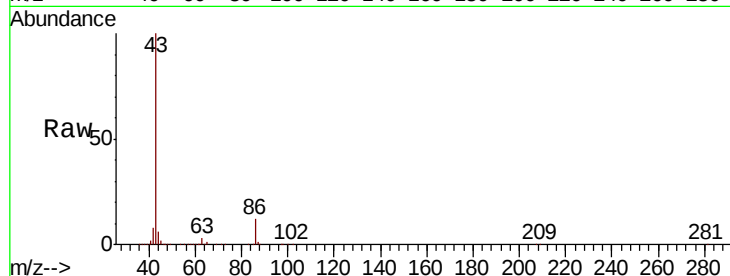




#23
 Vinyl Acetate
 Concen: 126.044 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

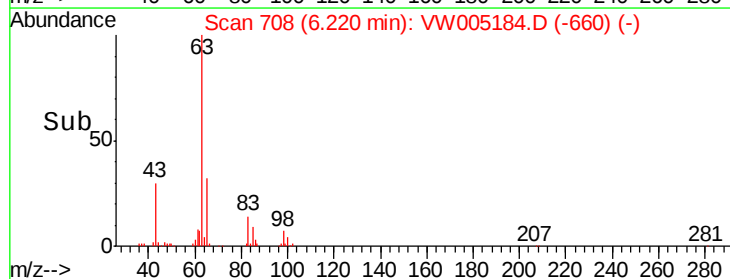
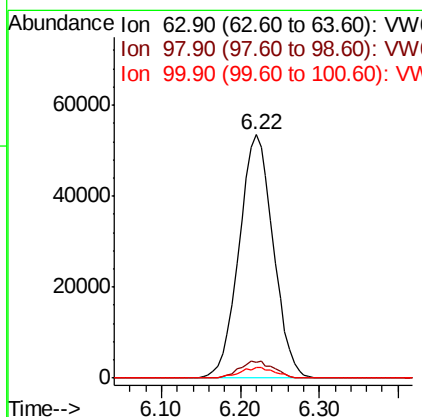
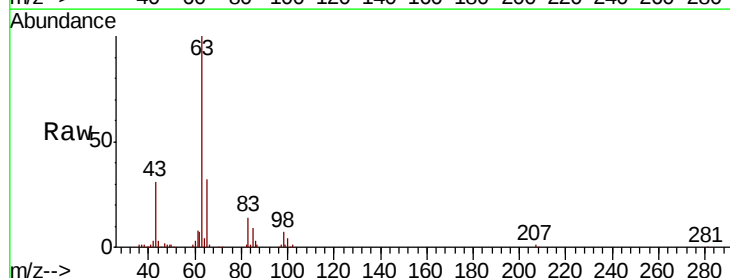
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0906SBSD02

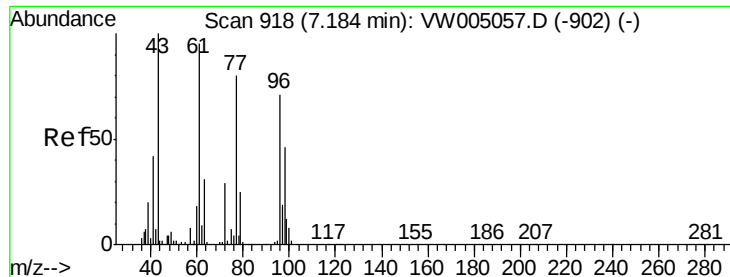
Tgt Ion: 43 Resp: 761511
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 22.392 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 63 Resp: 160986
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 130.119 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

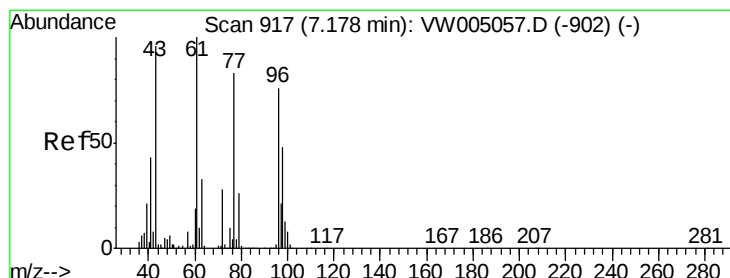
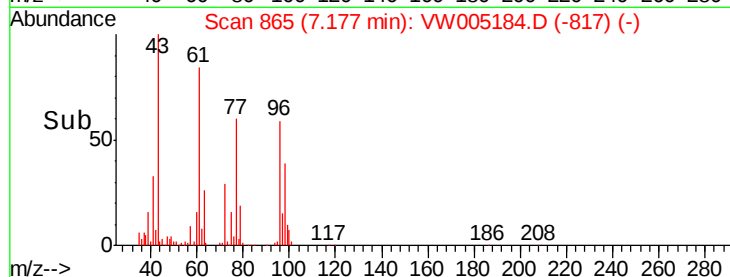
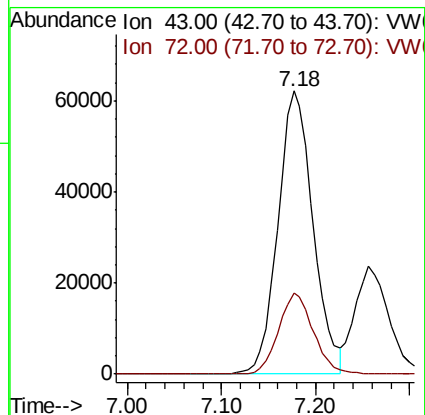
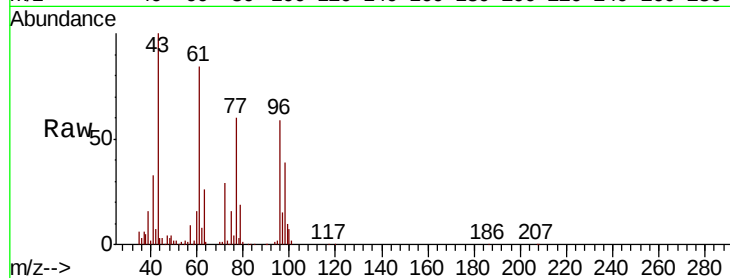
VW0906SBSD02

Tgt Ion: 43 Resp: 162250

Ion Ratio Lower Upper

43 100

72 28.6 23.1 34.7



#26

2,2-Dichloropropane

Concen: 19.460 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005184.D

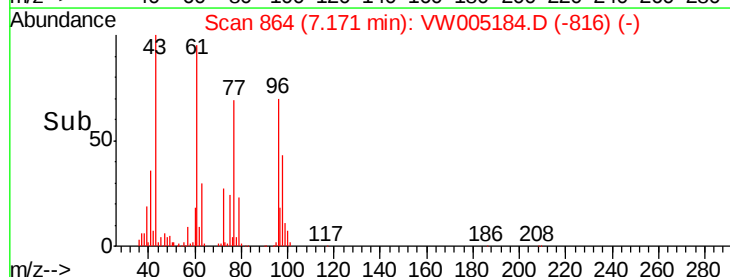
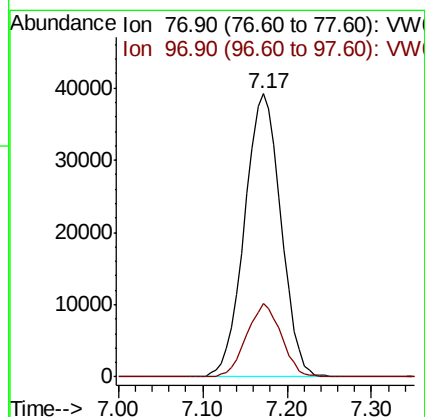
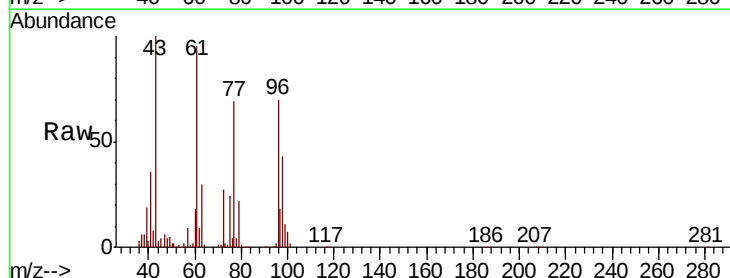
Acq: 07 Sep 2018 02:05

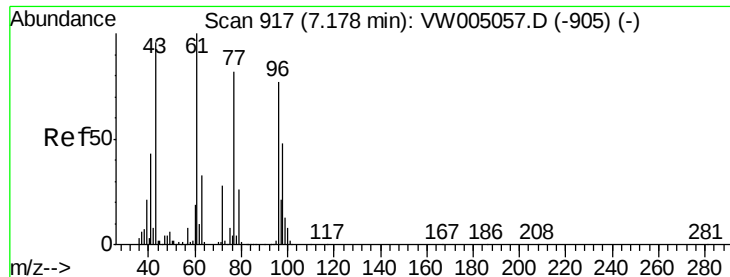
Tgt Ion: 77 Resp: 114972

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



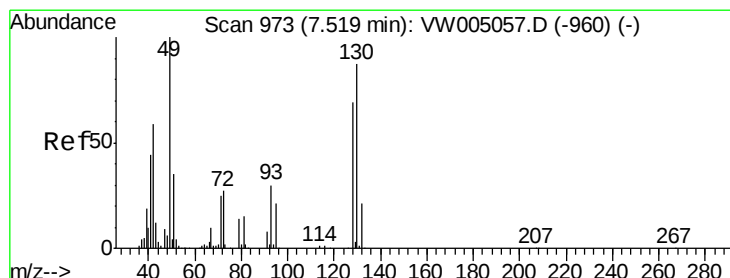
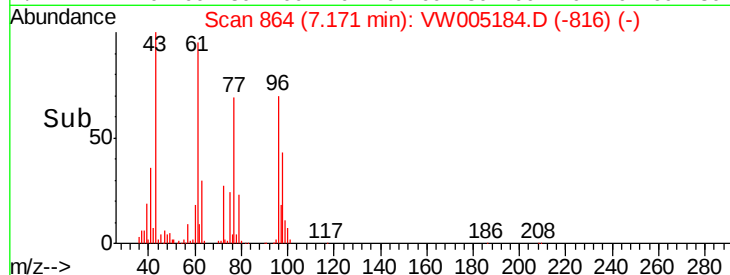
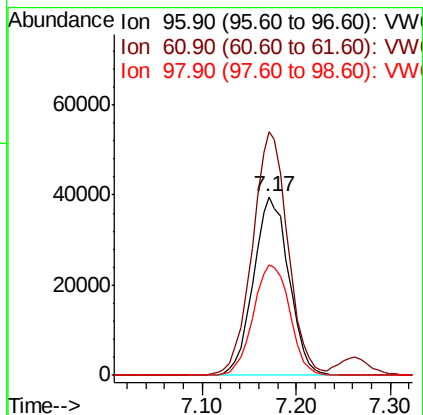
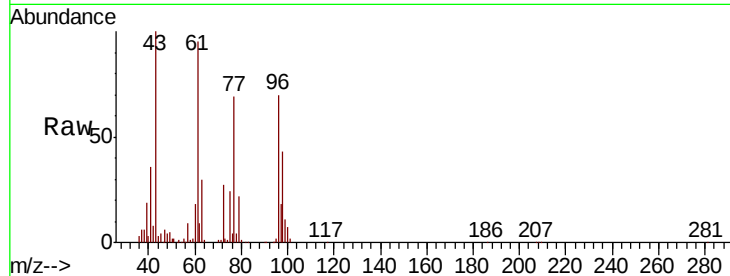


#27

cis-1,2-Dichloroethene
 Concen: 22.356 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

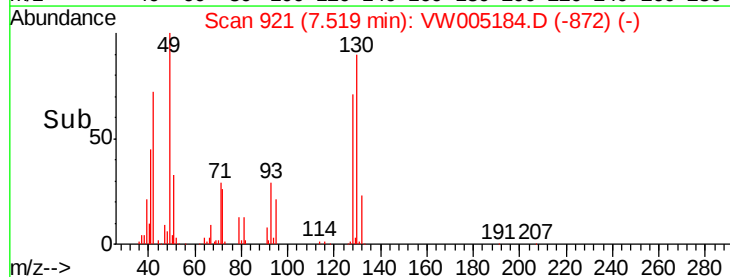
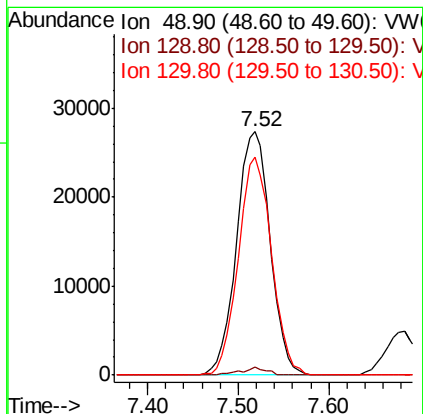
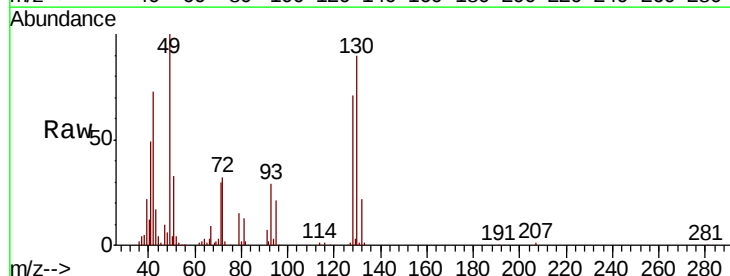
Tgt Ion: 96 Resp: 104191
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 273.2
 98 64.0 0.0 127.8

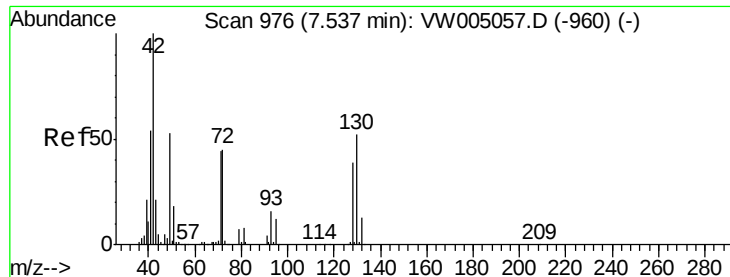


#28

Bromochloromethane
 Concen: 24.260 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 49 Resp: 70203
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 88.5 69.6 104.4





#29

Tetrahydrofuran

Concen: 130.927 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

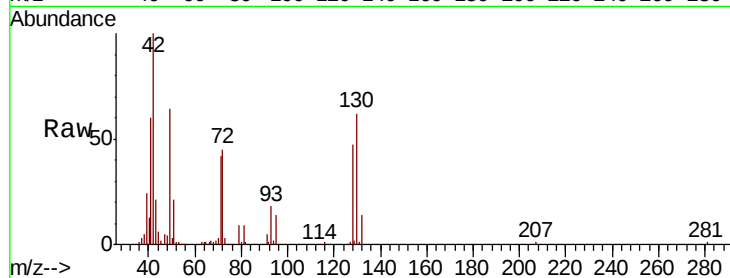
Tgt Ion: 42 Resp: 83418

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.4

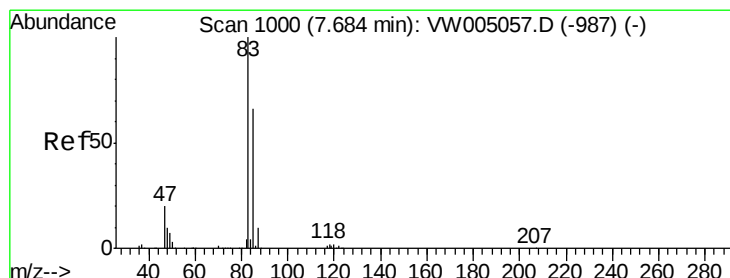
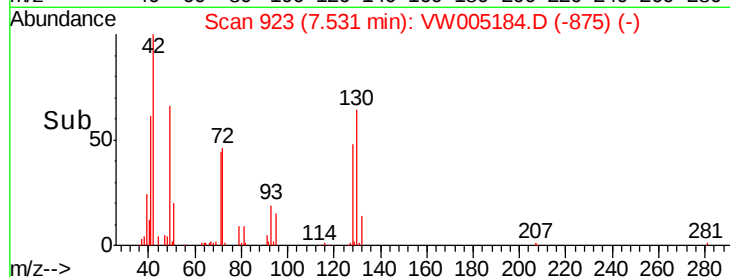
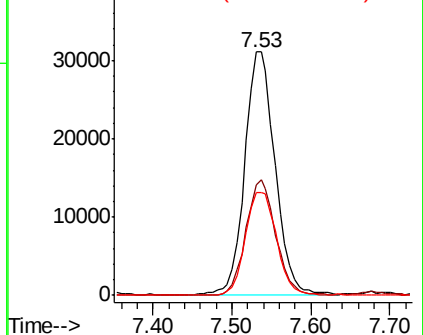
71 43.5 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 22.936 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005184.D

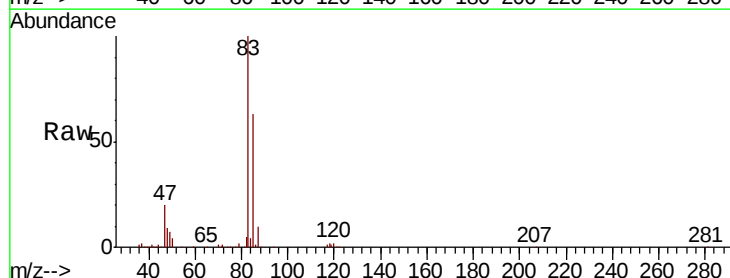
Acq: 07 Sep 2018 02:05

Tgt Ion: 83 Resp: 168304

Ion Ratio Lower Upper

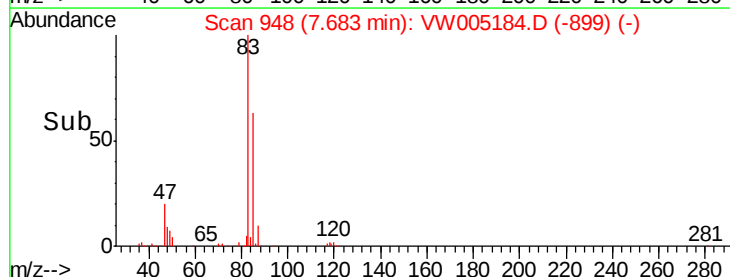
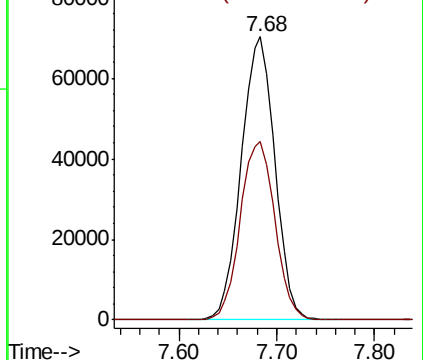
83 100

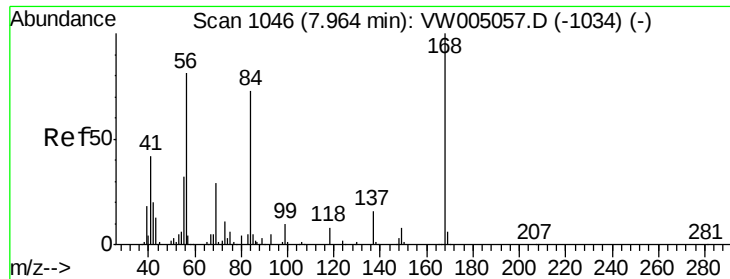
85 62.9 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

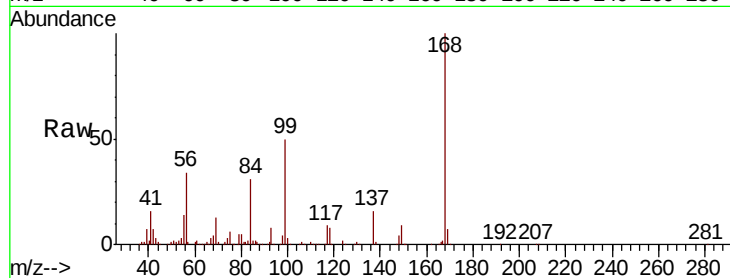




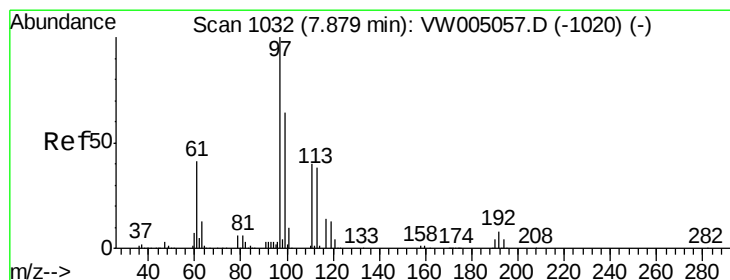
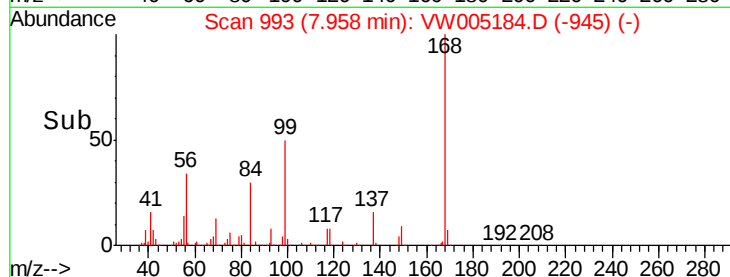
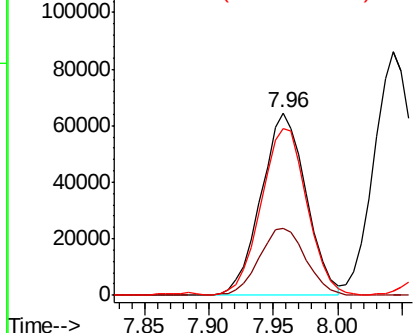
#31
Cyclohexane
Concen: 22.235 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tgt Ion: 56 Resp: 156544
Ion Ratio Lower Upper
56 100
69 37.0 28.2 42.2
84 90.0 71.8 107.8

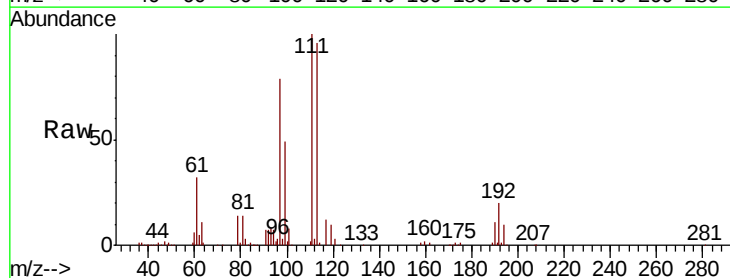


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

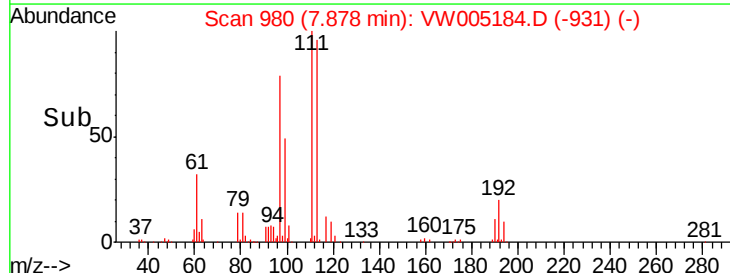
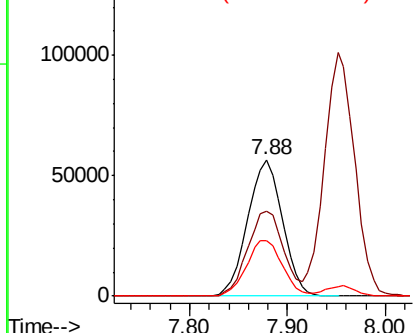


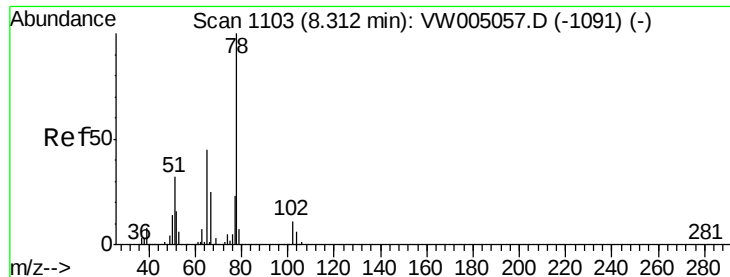
#32
1,1,1-Trichloroethane
Concen: 21.960 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 97 Resp: 140345
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 41.9 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

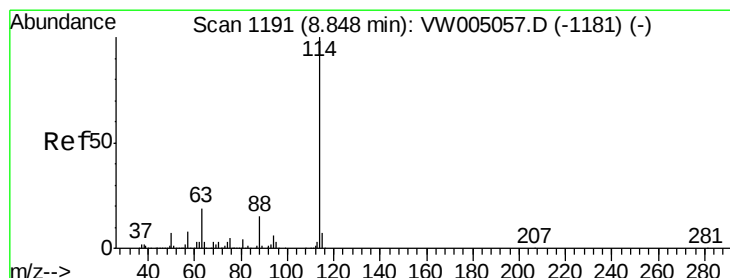
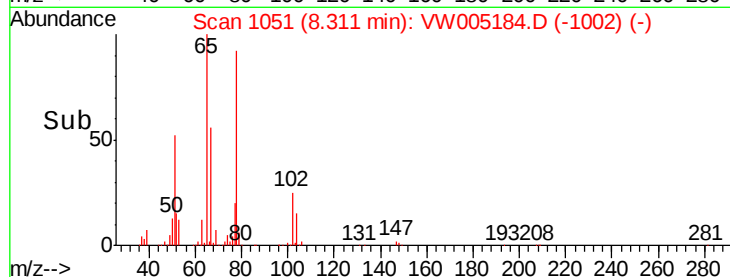
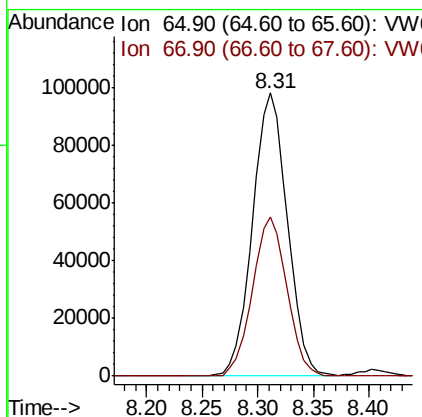
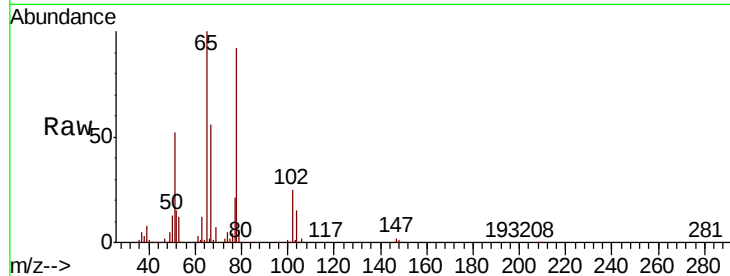




#33
 1,2-Dichloroethane-d4
 Concen: 59.676 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

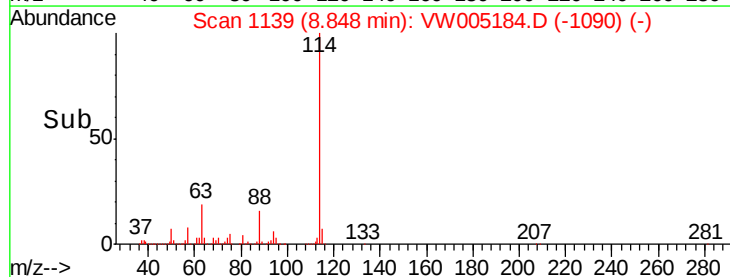
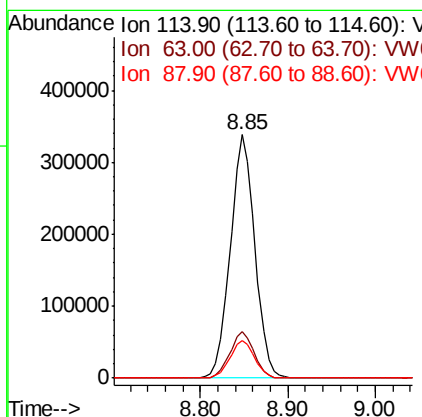
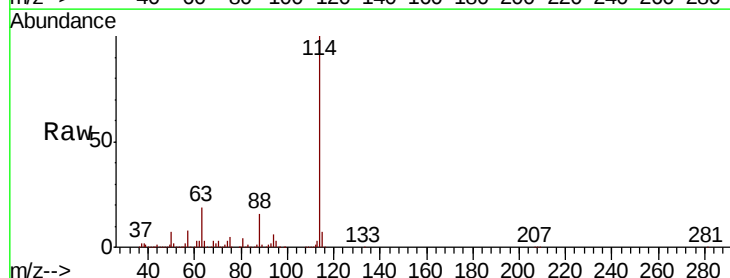
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

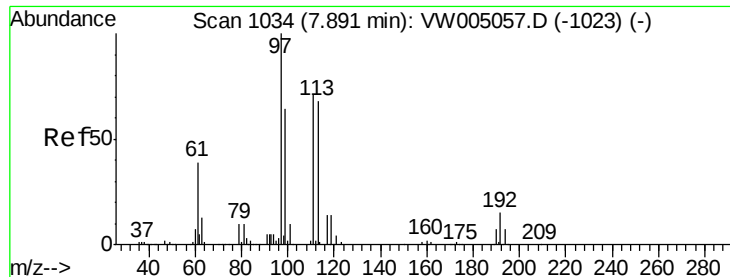
Tgt Ion: 65 Resp: 213922
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 114 Resp: 658642
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.699 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

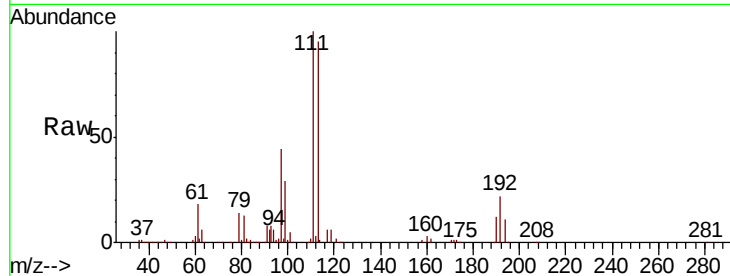
Tgt Ion:113 Resp: 208193

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

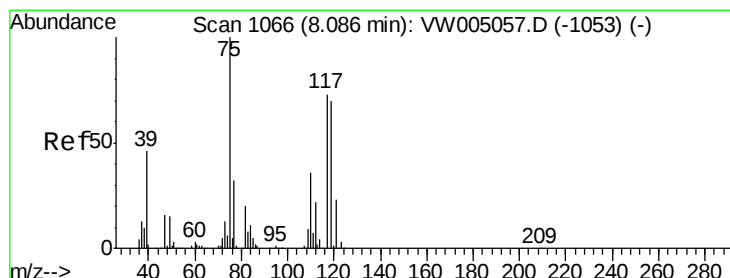
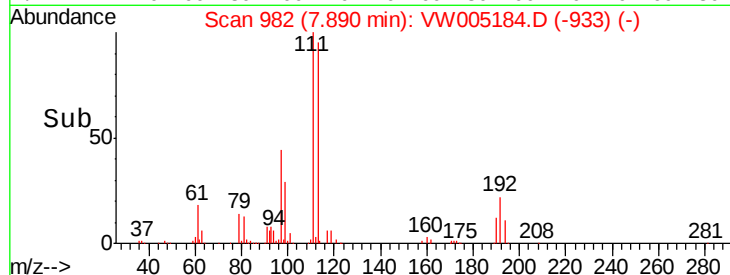
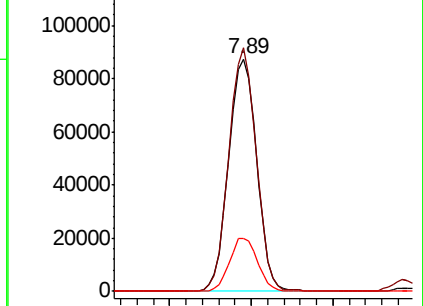
192 22.7 18.1 27.1



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: 22.150 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

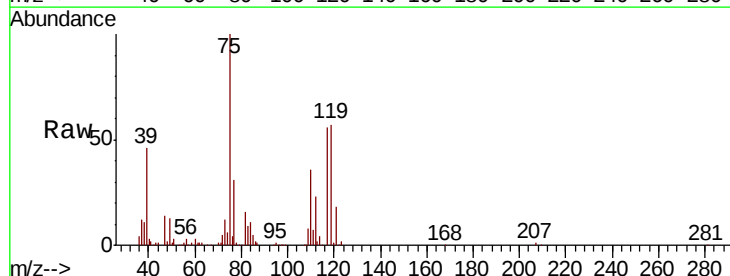
Tgt Ion: 75 Resp: 138942

Ion Ratio Lower Upper

75 100

110 36.8 18.9 56.7

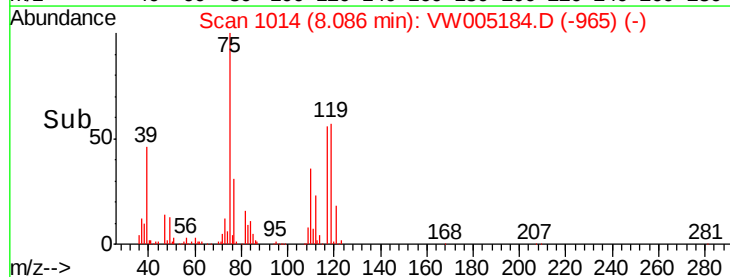
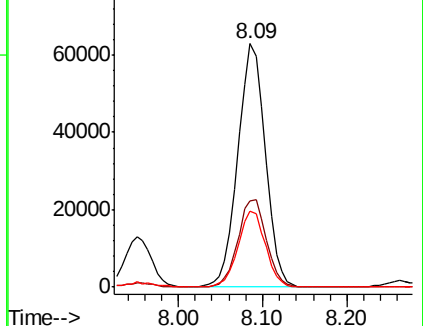
77 31.1 25.5 38.3

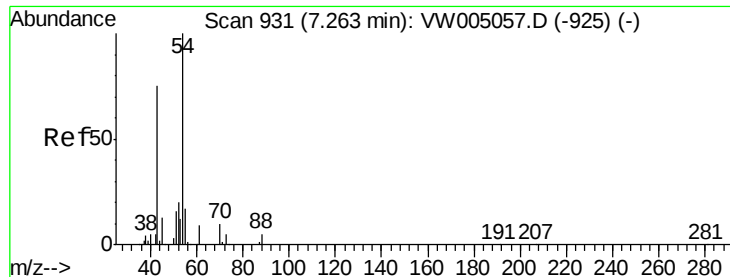


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

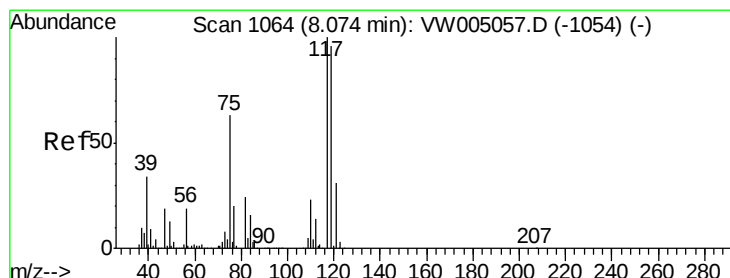
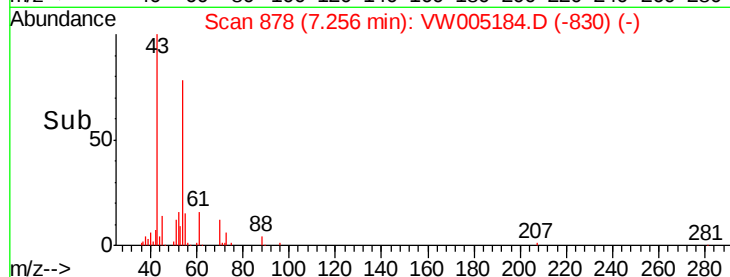
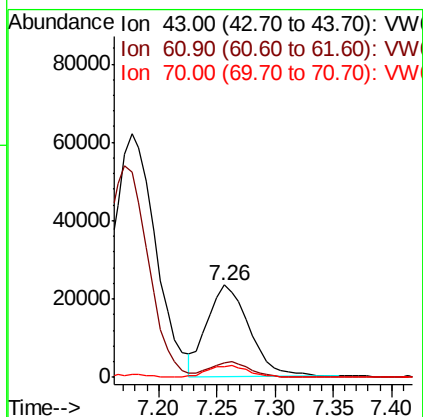
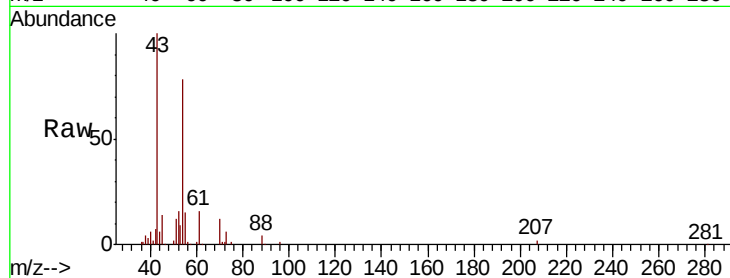




#37
Ethyl Acetate
Concen: 25.155 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

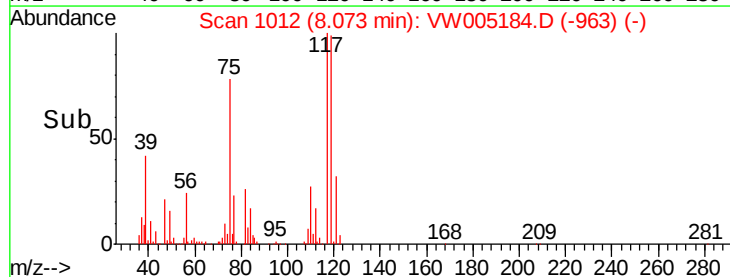
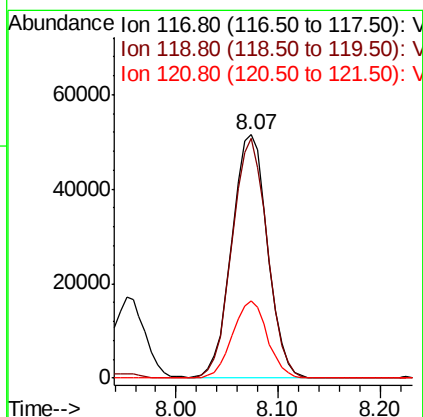
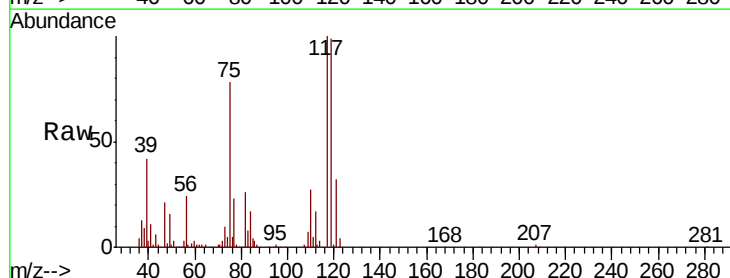
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

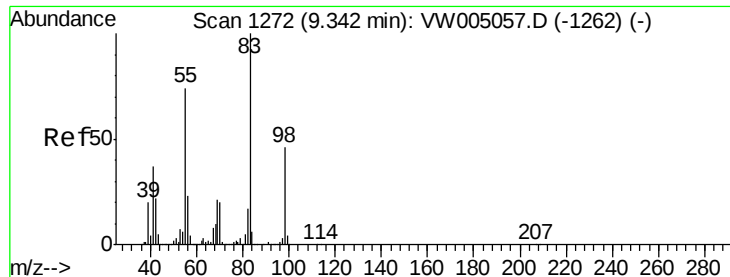
Tgt Ion: 43 Resp: 59012
Ion Ratio Lower Upper
43 100
61 15.9 12.1 18.1
70 12.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.990 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 117 Resp: 125197
Ion Ratio Lower Upper
117 100
119 98.6 76.6 115.0
121 31.7 24.8 37.2

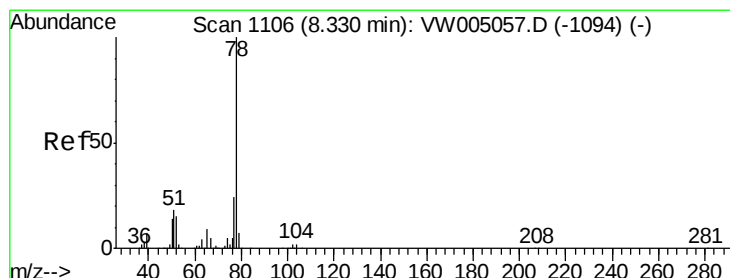
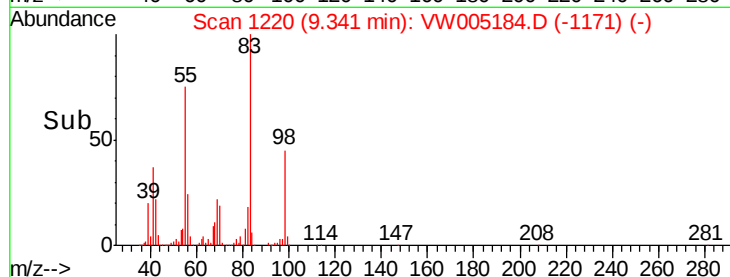
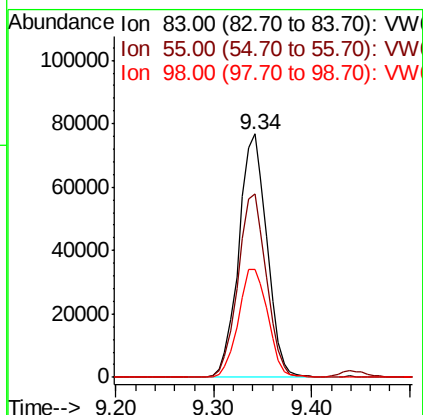
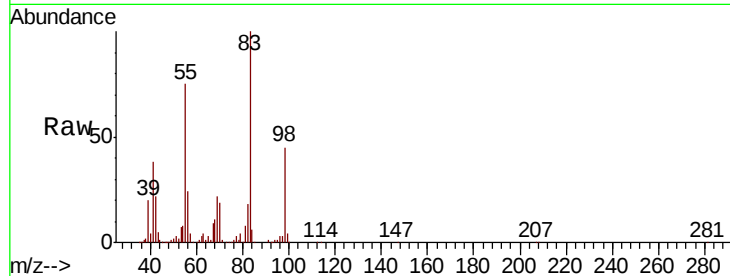




#39
Methylcyclohexane
Concen: 20.250 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

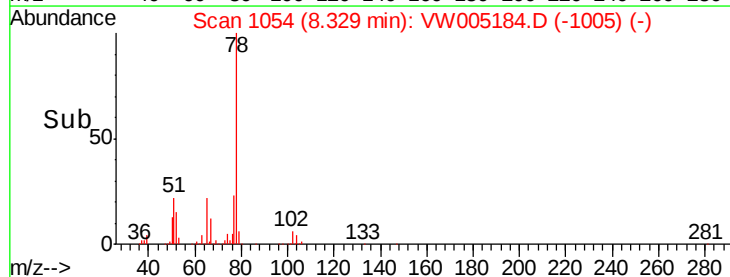
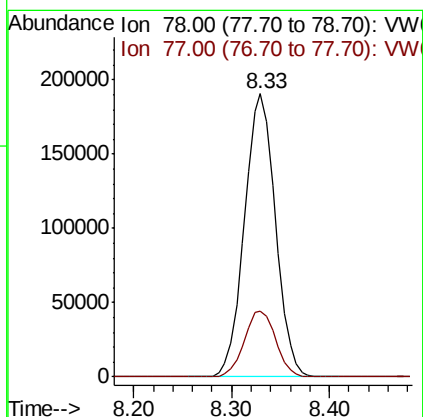
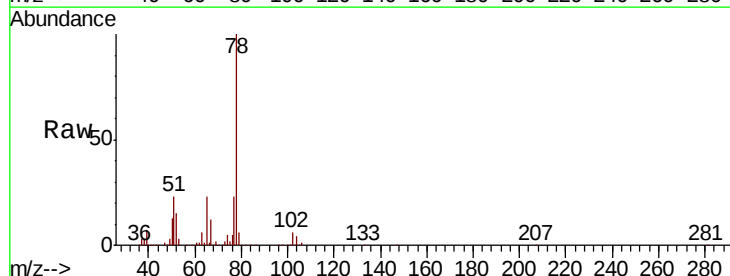
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

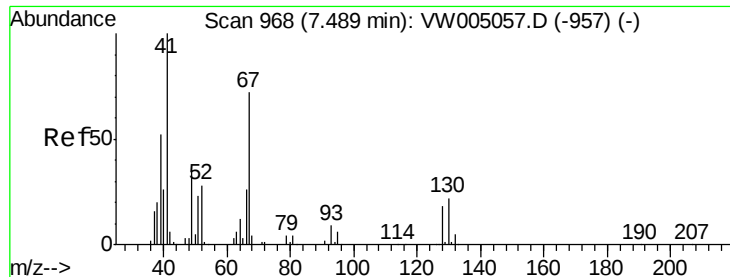
Tgt Ion: 83 Resp: 153616
Ion Ratio Lower Upper
83 100
55 75.5 58.9 88.3
98 44.6 36.8 55.2



#40
Benzene
Concen: 21.756 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 78 Resp: 417794
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0





#41

Methacrylonitrile

Concen: 24.177 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tgt Ion: 41 Resp: 32862

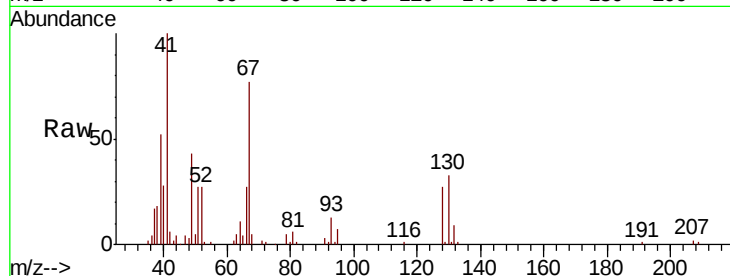
Ion Ratio Lower Upper

41 100

39 57.4 41.8 62.8

67 82.5 60.4 90.6

52 31.1 23.8 35.8

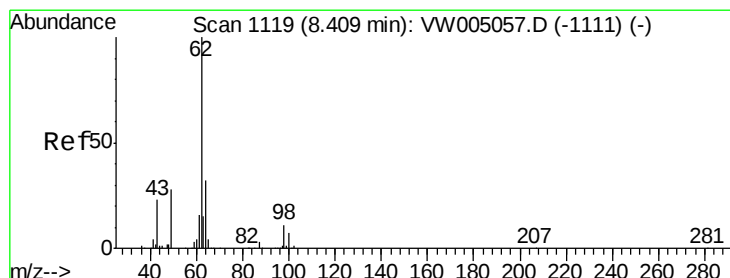
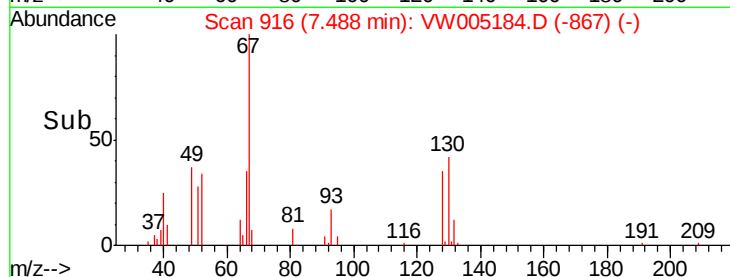
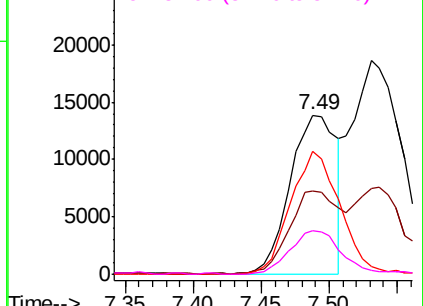


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.330 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VW005184.D

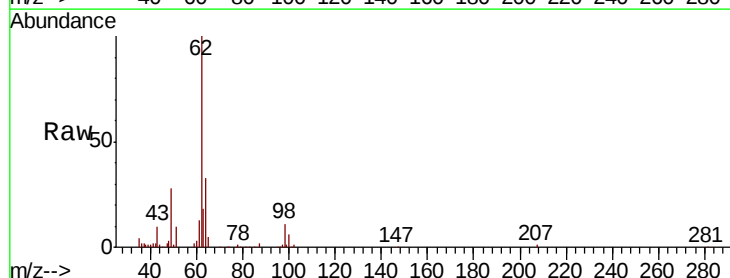
Acq: 07 Sep 2018 02:05

Tgt Ion: 62 Resp: 104944

Ion Ratio Lower Upper

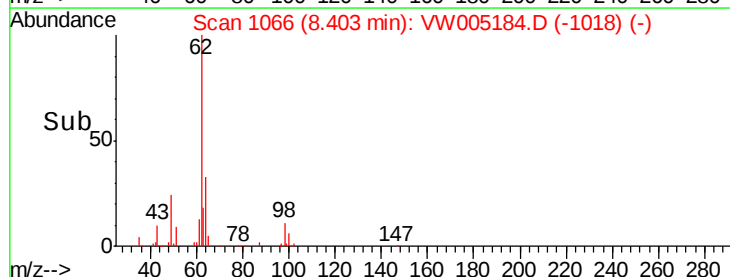
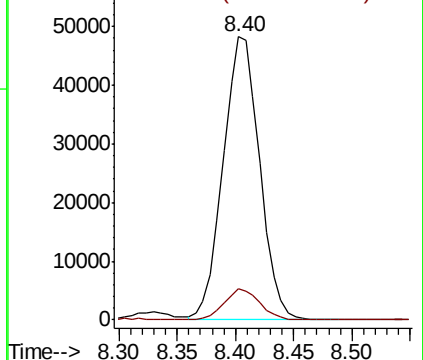
62 100

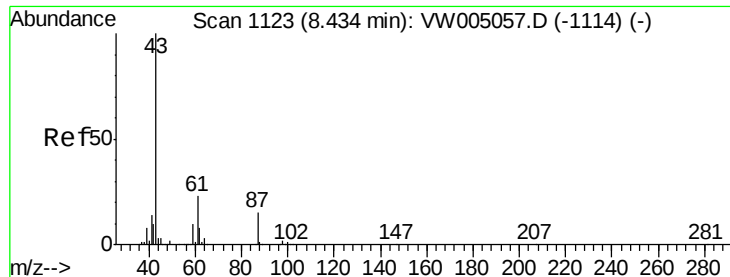
98 10.5 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 24.679 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

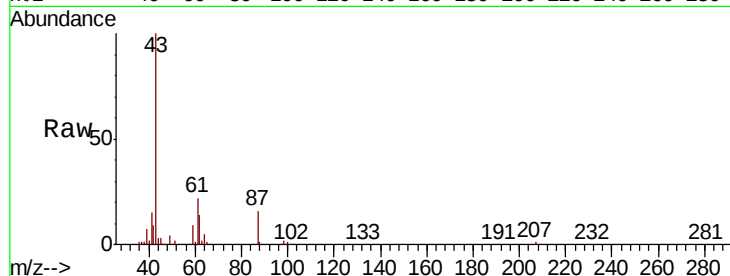
Tgt Ion: 43 Resp: 105350

Ion Ratio Lower Upper

43 100

61 32.5 26.8 40.2

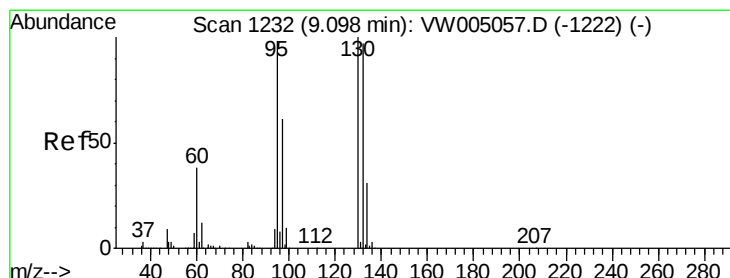
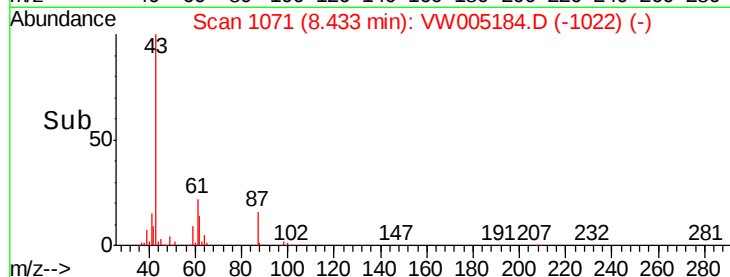
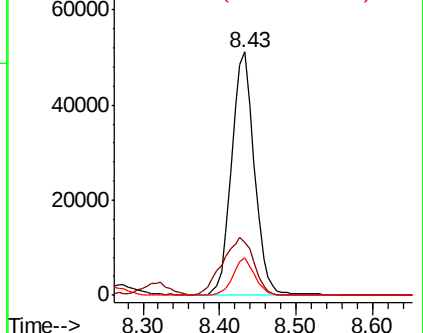
87 14.7 11.6 17.4



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: 21.915 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005184.D

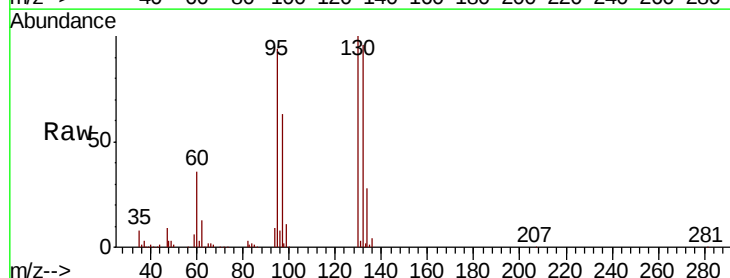
Acq: 07 Sep 2018 02:05

Tgt Ion: 130 Resp: 113549

Ion Ratio Lower Upper

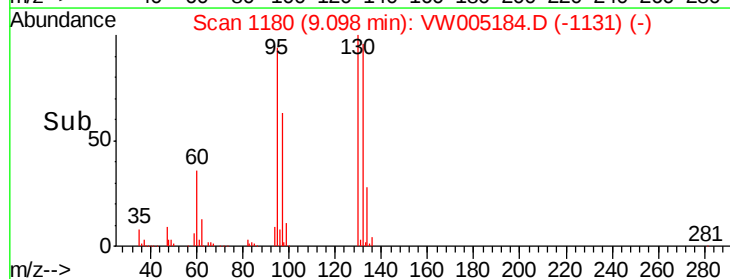
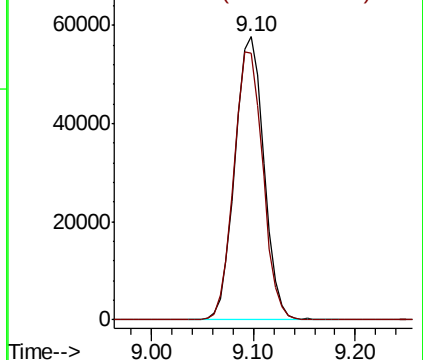
130 100

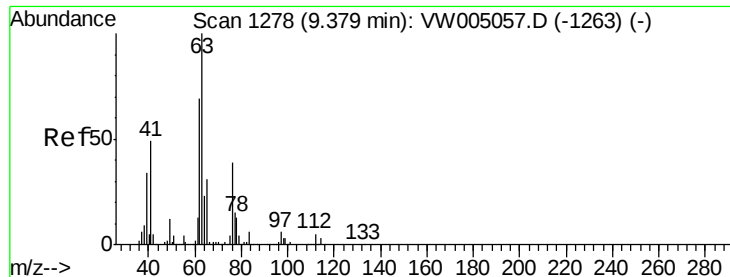
95 94.3 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.021 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

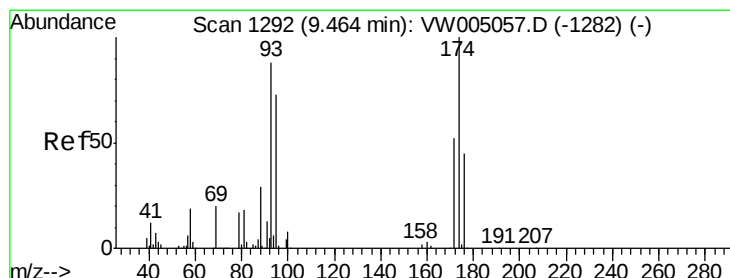
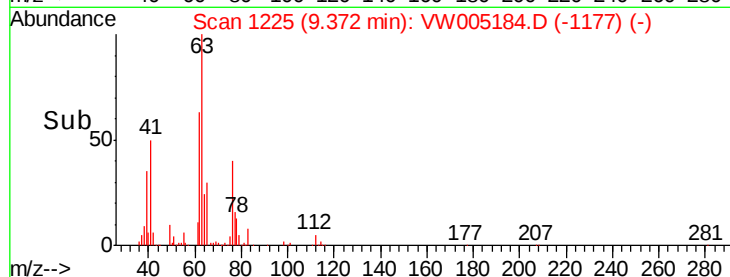
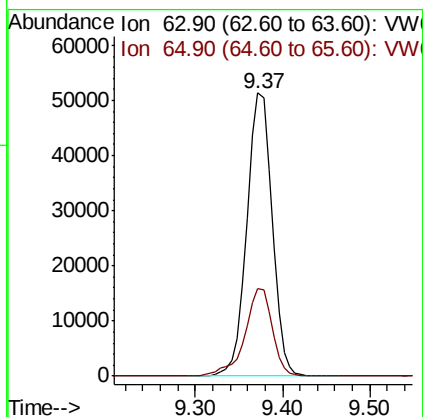
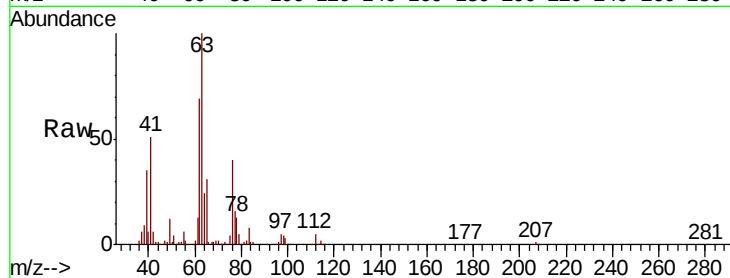
VW0906SBSD02

Tgt Ion: 63 Resp: 103308

Ion Ratio Lower Upper

63 100

65 31.1 24.6 37.0



#46

Dibromomethane

Concen: 22.244 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

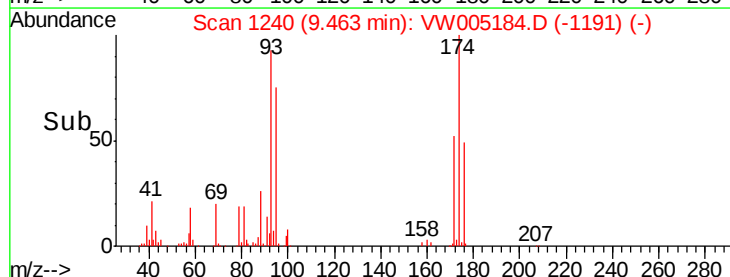
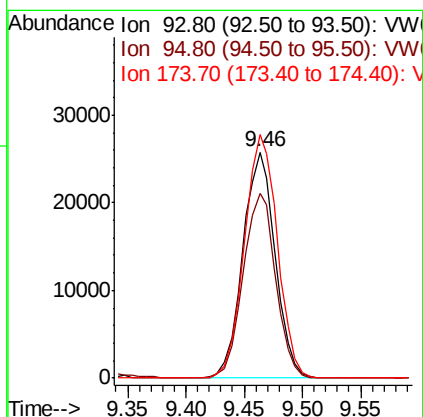
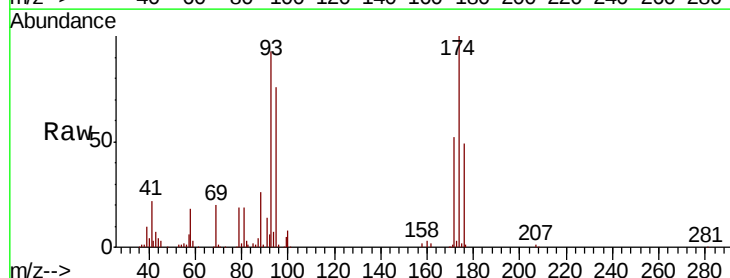
Tgt Ion: 93 Resp: 49899

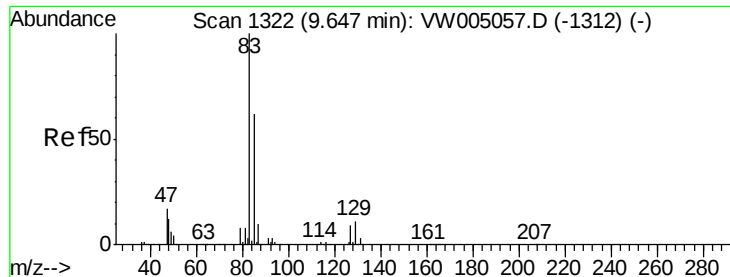
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 110.1 92.0 138.0





#47

Bromodichloromethane

Concen: 21.367 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

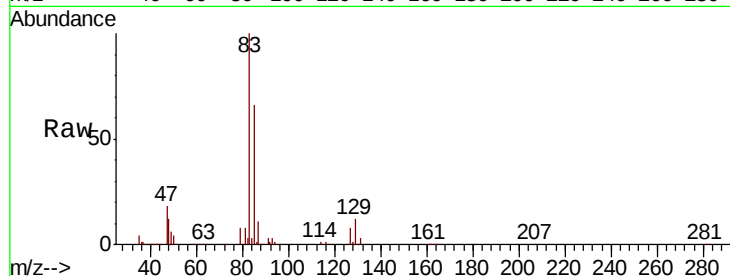
Tgt Ion: 83 Resp: 120687

Ion Ratio Lower Upper

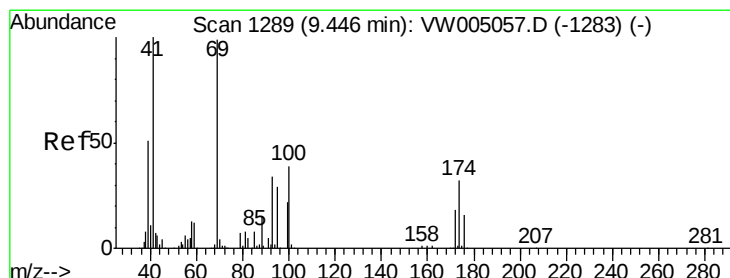
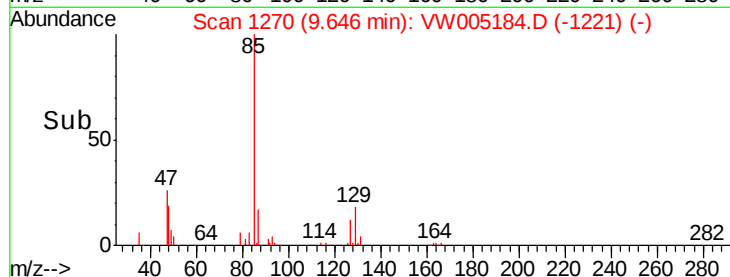
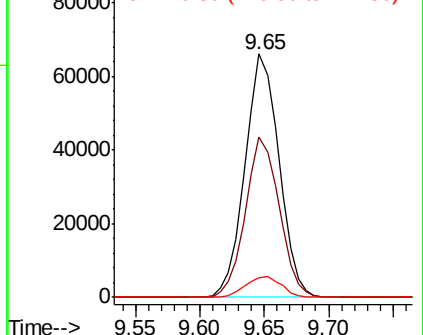
83 100

85 65.9 49.8 74.6

127 8.1 7.0 10.4



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



#48

Methyl methacrylate

Concen: 22.185 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

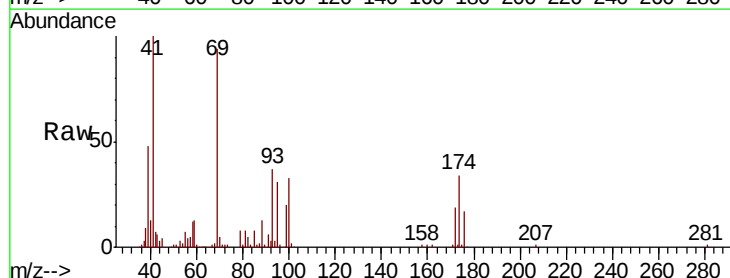
Tgt Ion: 41 Resp: 45601

Ion Ratio Lower Upper

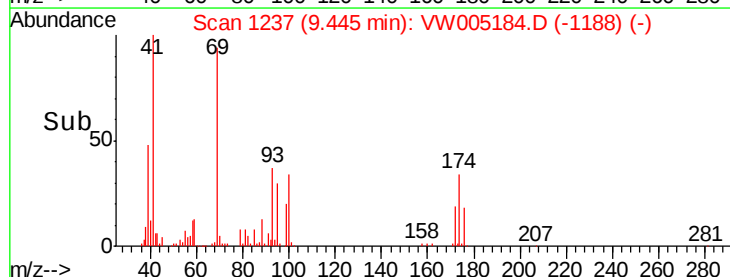
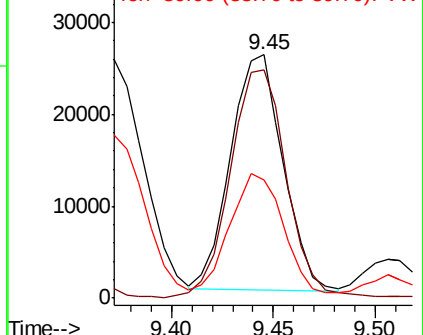
41 100

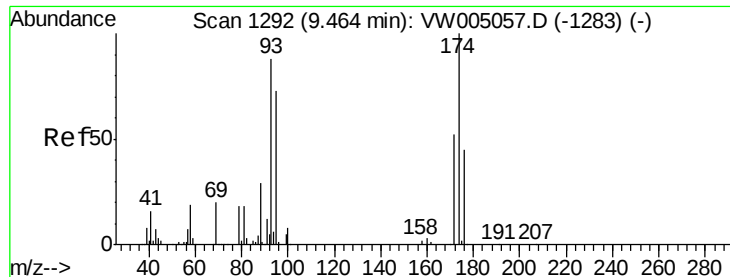
69 105.1 80.4 120.6

39 55.1 43.5 65.3



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





#49

1,4-Dioxane

Concen: 431.791 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

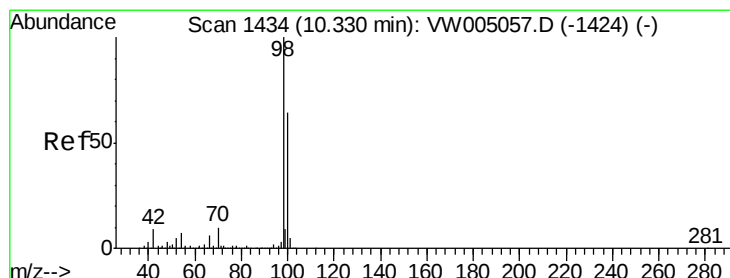
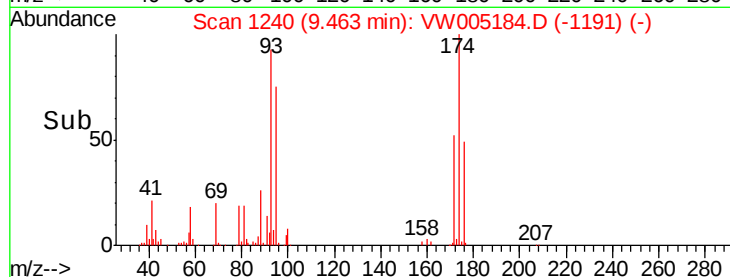
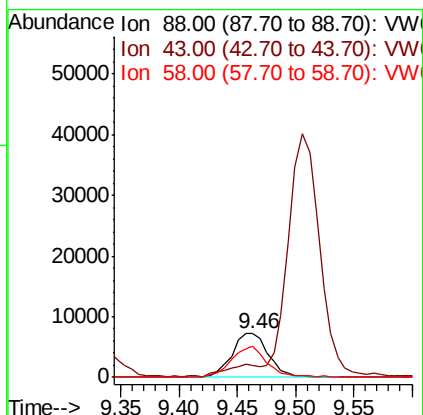
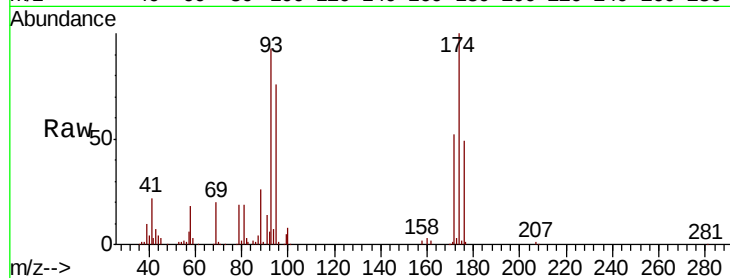
Tgt Ion: 88 Resp: 15664

Ion Ratio Lower Upper

88 100

43 25.1 19.8 29.6

58 71.2 57.1 85.7



#50

Toluene-d8

Concen: 53.992 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005184.D

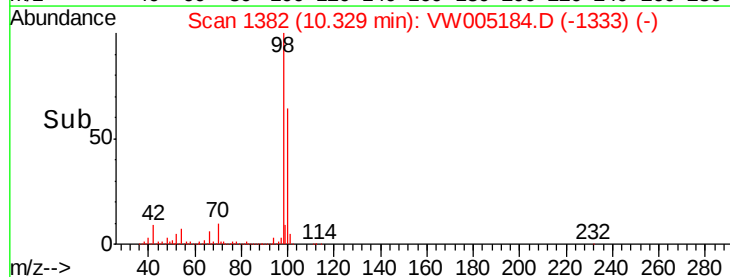
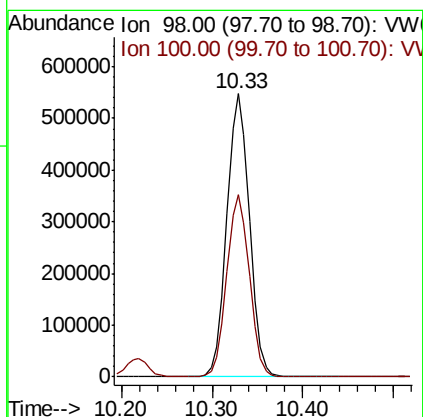
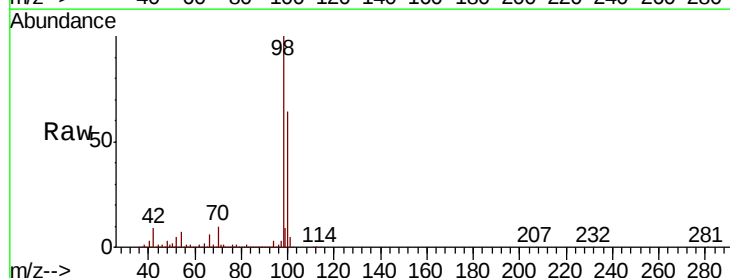
Acq: 07 Sep 2018 02:05

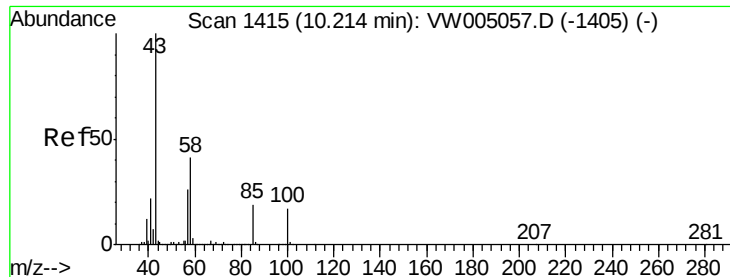
Tgt Ion: 98 Resp: 946920

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

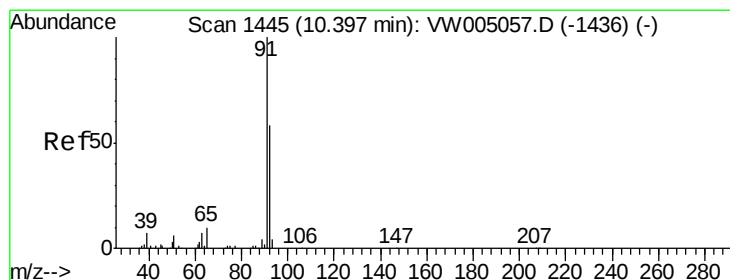
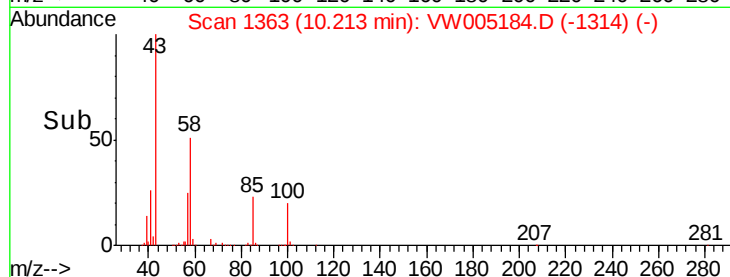
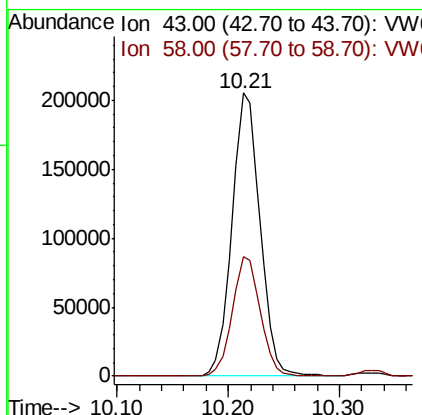
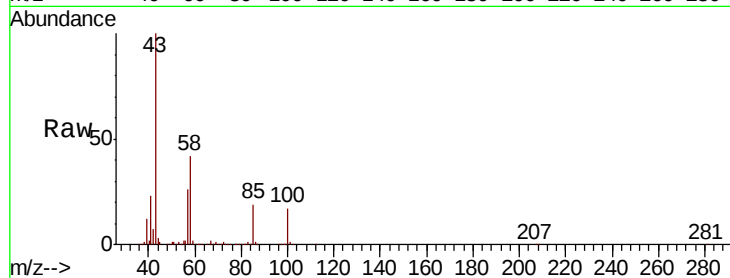




#51
 4-Methyl-2-Pentanone
 Concen: 124.965 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

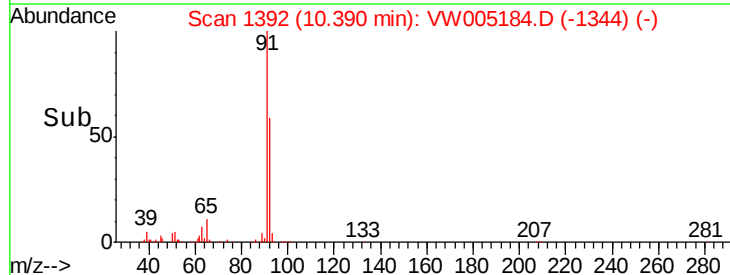
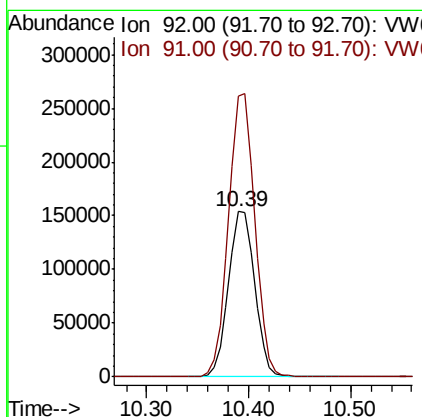
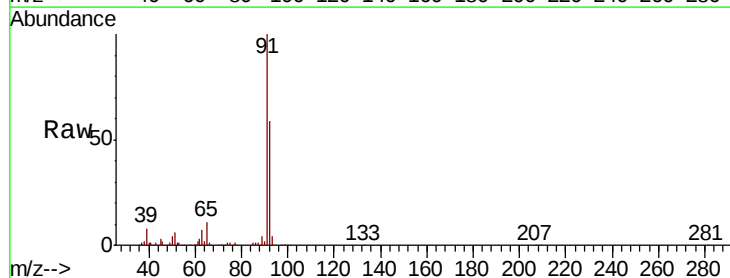
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

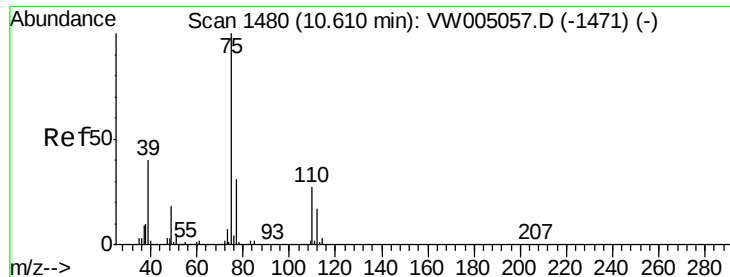
Tgt Ion: 43 Resp: 357520
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.3 49.9



#52
 Toluene
 Concen: 20.987 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 92 Resp: 273083
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 22.374 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

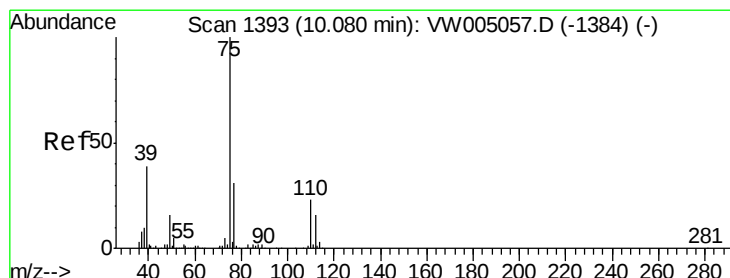
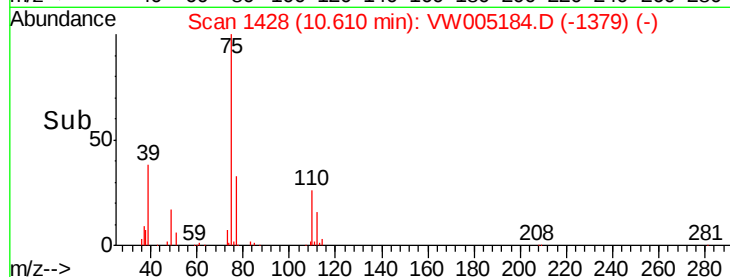
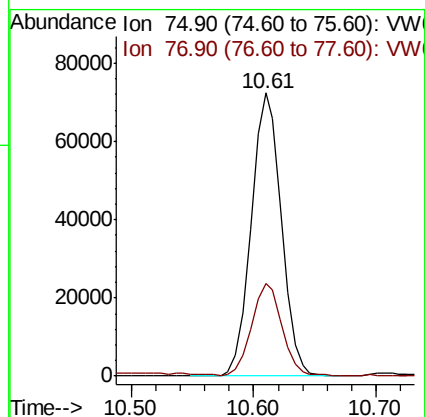
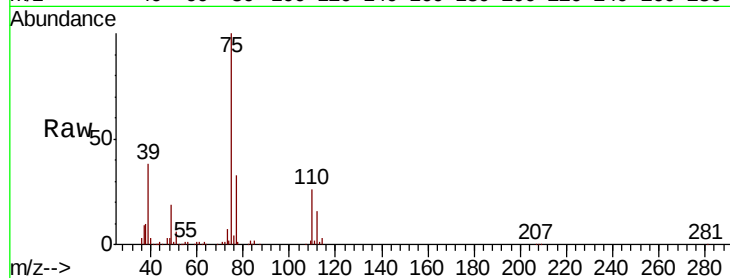
VW0906SBSD02

Tgt Ion: 75 Resp: 124180

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 22.670 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

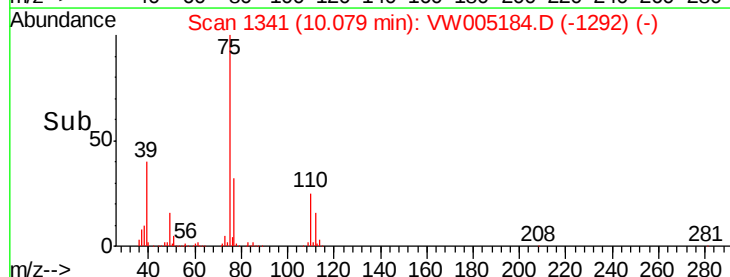
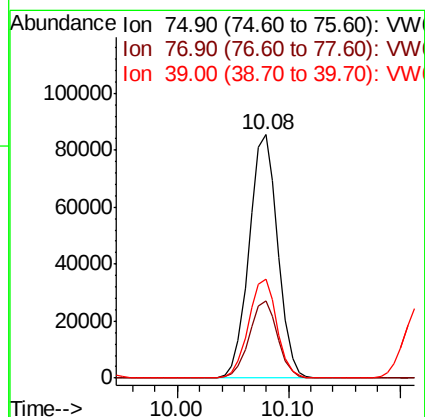
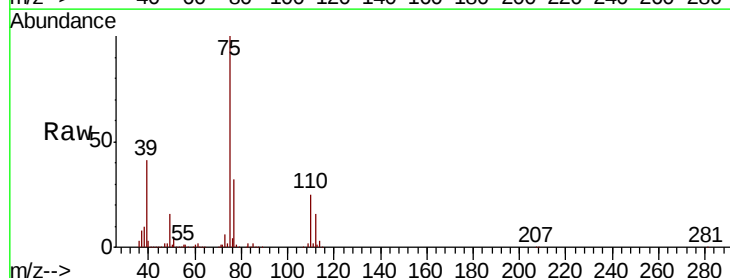
Tgt Ion: 75 Resp: 153016

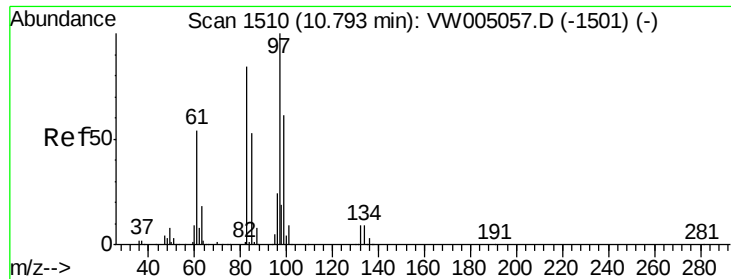
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 40.4 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 23.559 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

Tgt Ion: 97 Resp: 81825

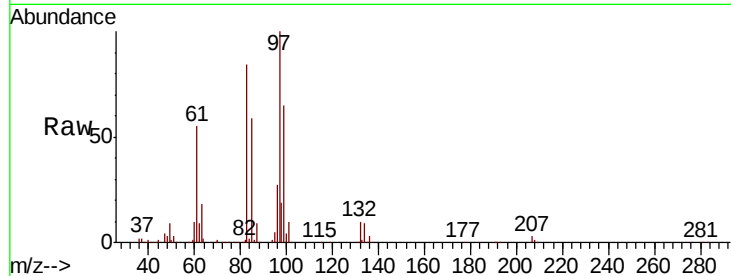
Ion Ratio Lower Upper

97 100

83 84.2 67.0 100.6

85 58.9 42.3 63.5

99 64.9 48.5 72.7

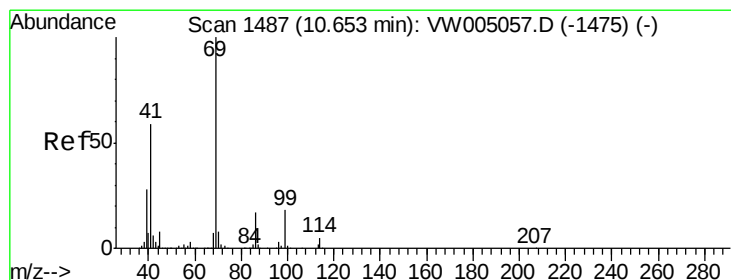
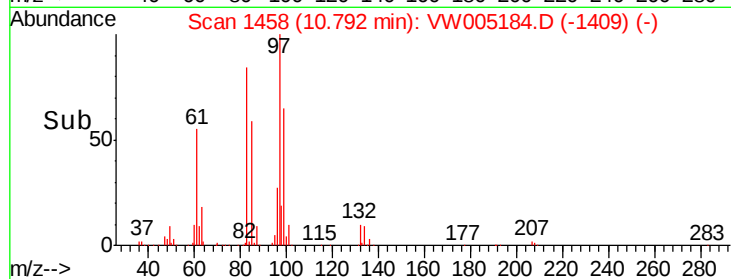
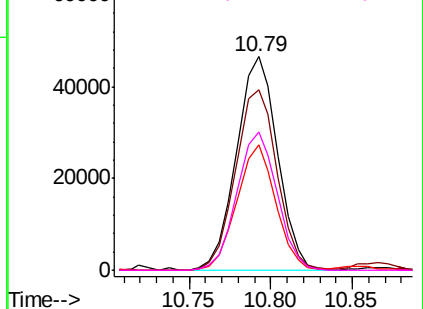


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 23.236 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

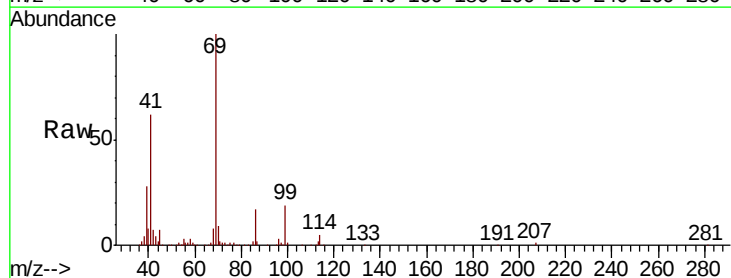
Tgt Ion: 69 Resp: 92073

Ion Ratio Lower Upper

69 100

41 61.1 47.8 71.6

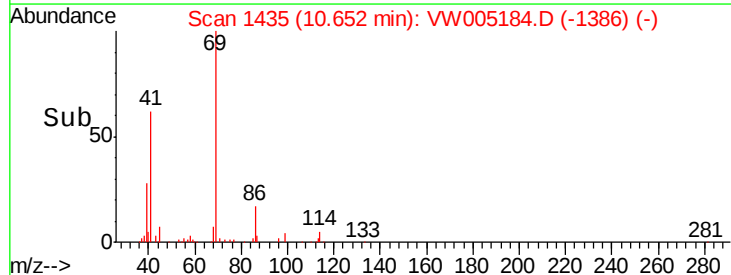
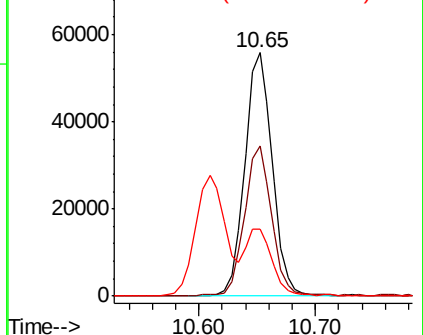
39 26.0 21.1 31.7

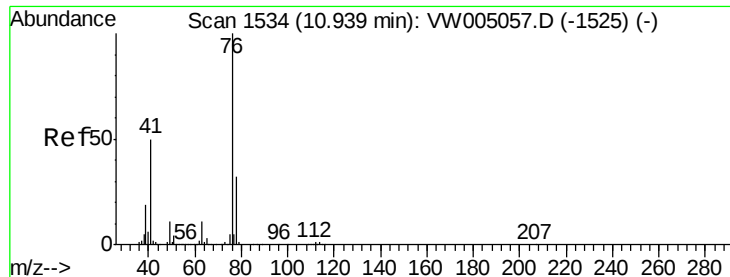


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 23.818 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

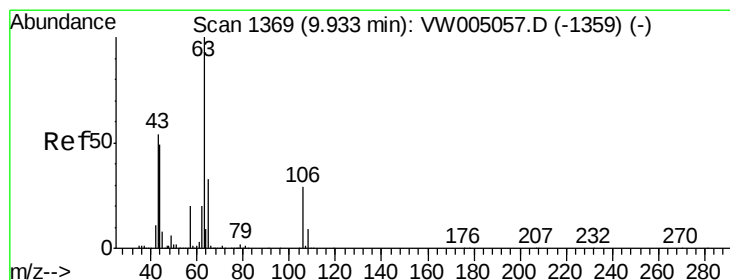
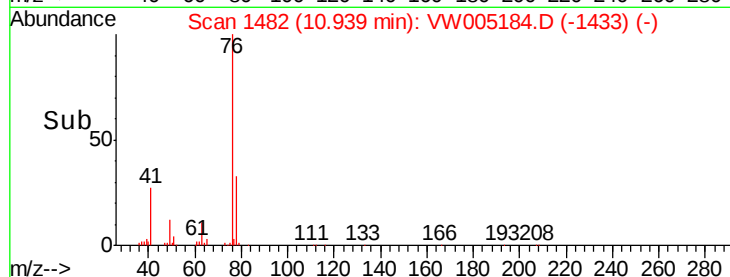
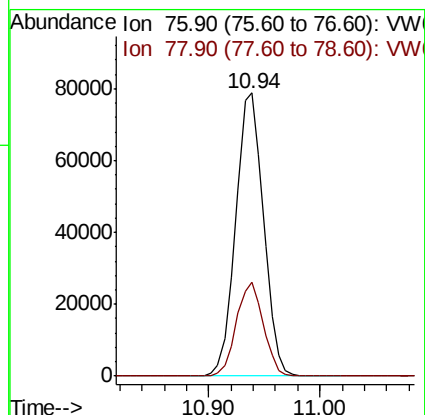
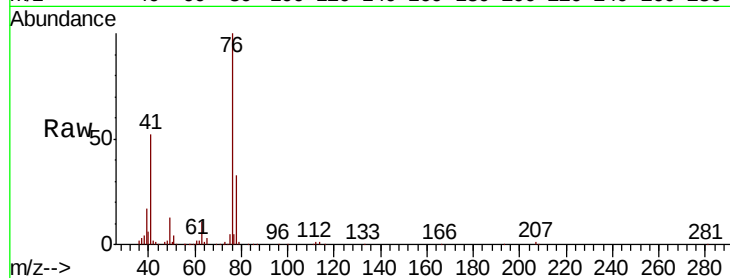
VW0906SBSD02

Tgt Ion: 76 Resp: 136193

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 127.500 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005184.D

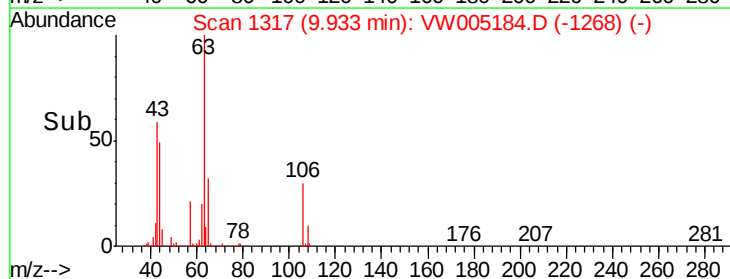
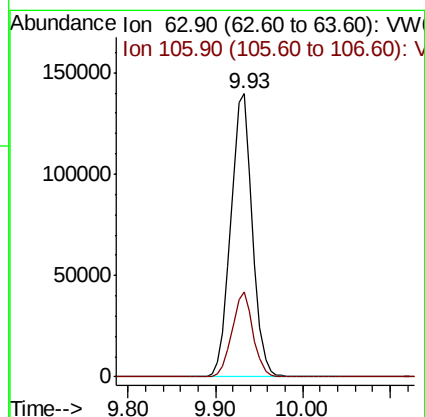
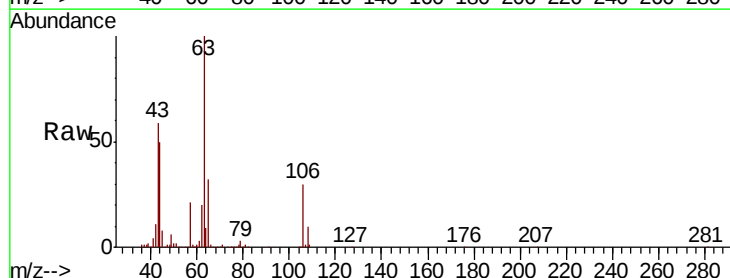
Acq: 07 Sep 2018 02:05

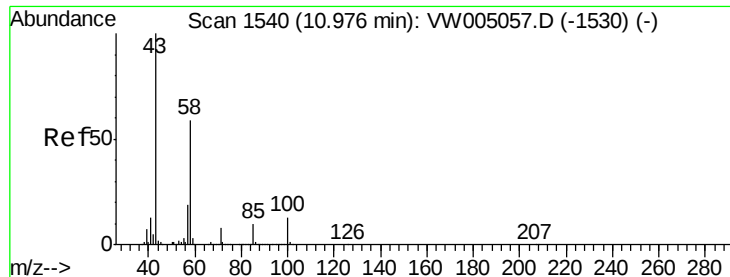
Tgt Ion: 63 Resp: 239395

Ion Ratio Lower Upper

63 100

106 29.1 23.1 34.7

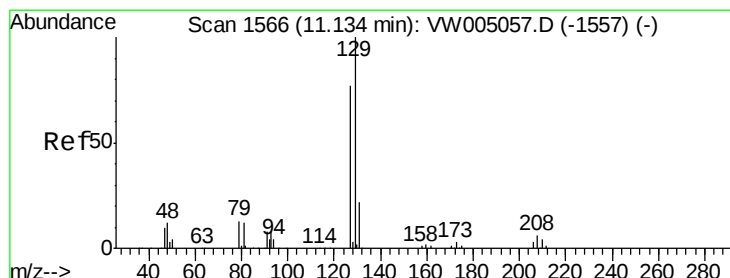
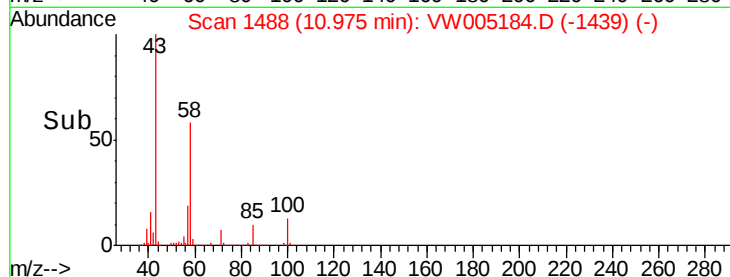
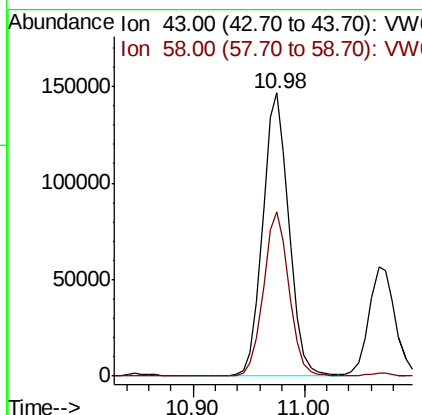
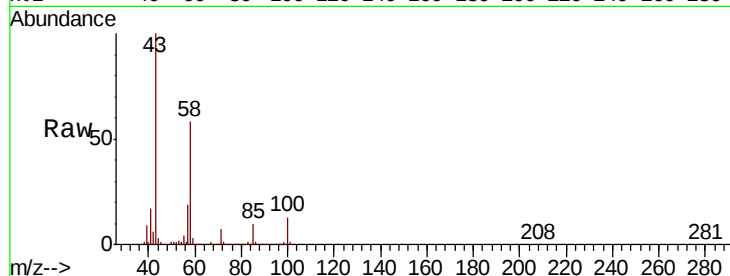




#59
2-Hexanone
Concen: 123.888 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

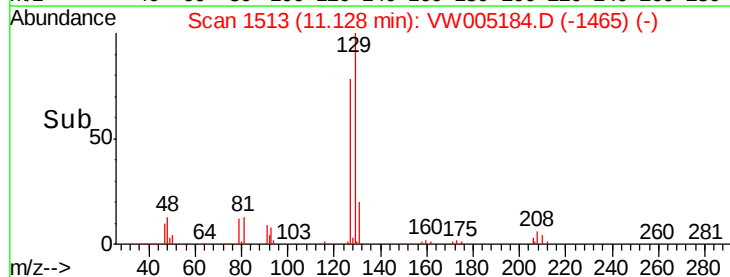
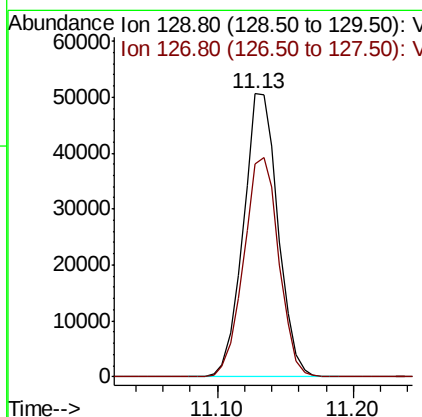
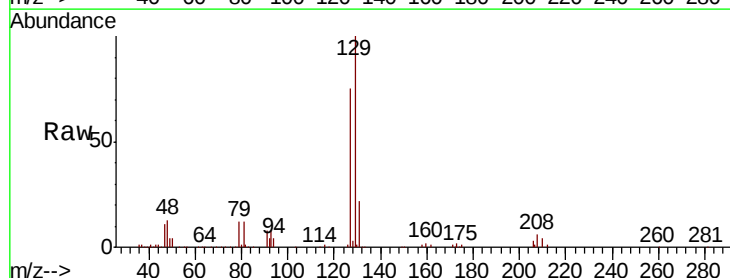
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

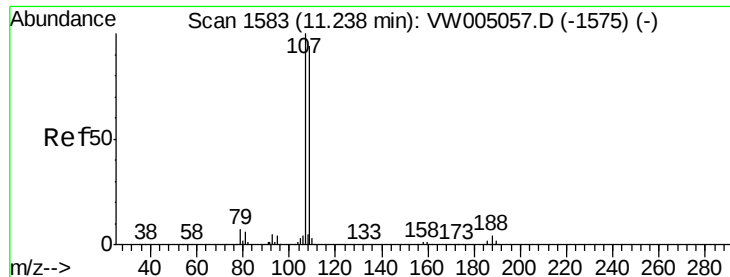
Tgt Ion: 43 Resp: 239729
Ion Ratio Lower Upper
43 100
58 56.9 28.7 86.3



#60
Dibromochloromethane
Concen: 22.942 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 129 Resp: 90084
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

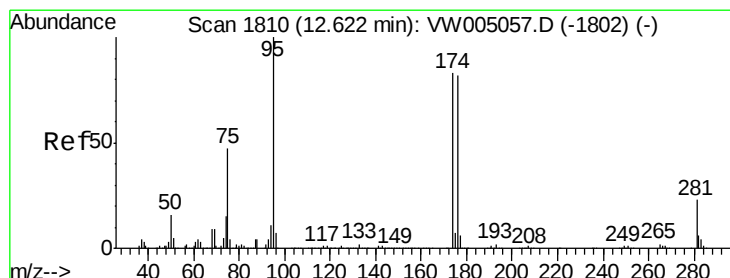
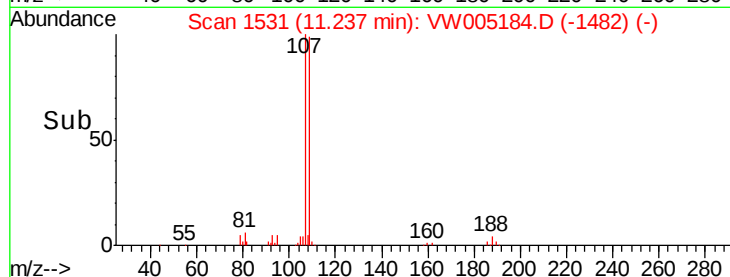
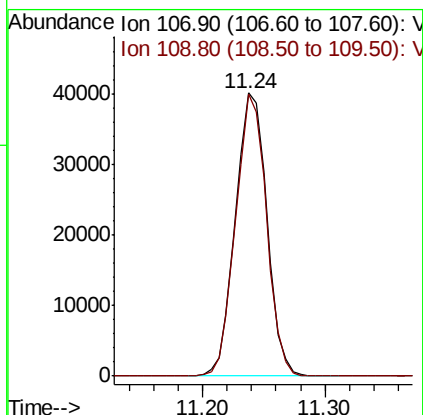
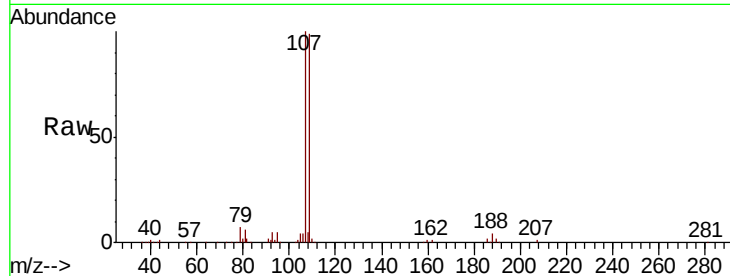




#61
 1,2-Dibromoethane
 Concen: 22.864 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

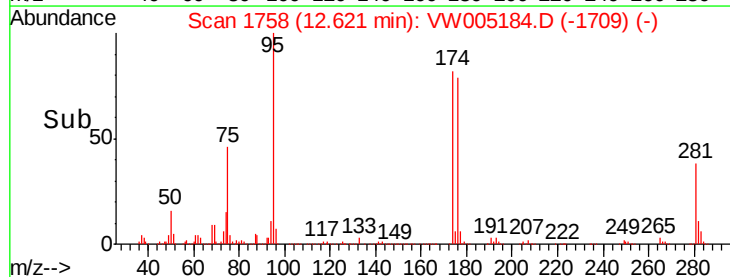
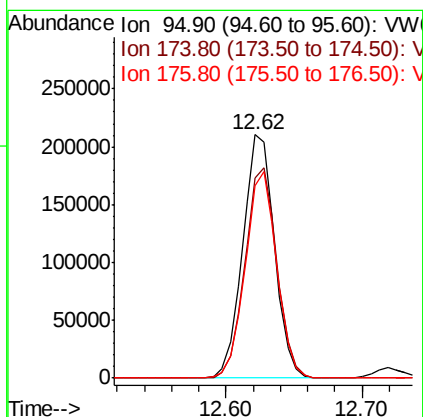
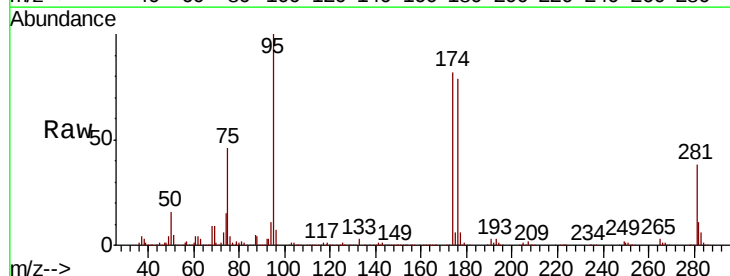
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

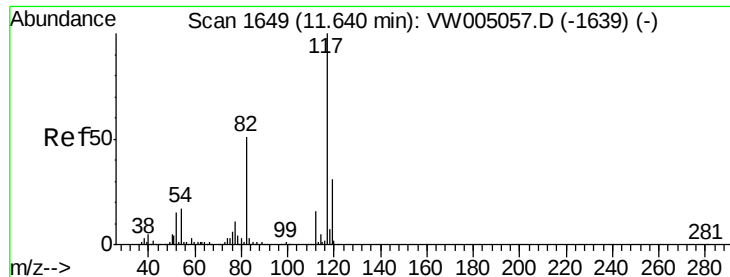
Tgt Ion: 107 Resp: 71695
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 55.466 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion: 95 Resp: 343013
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 173.4
 176 84.2 0.0 167.4

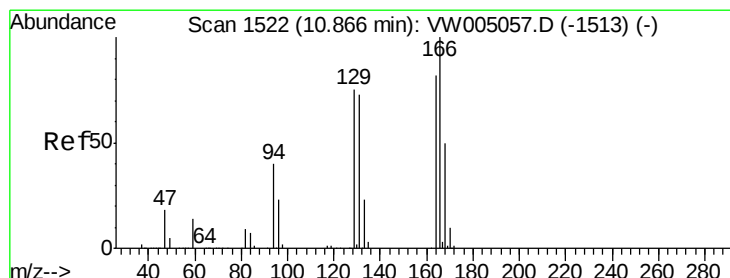
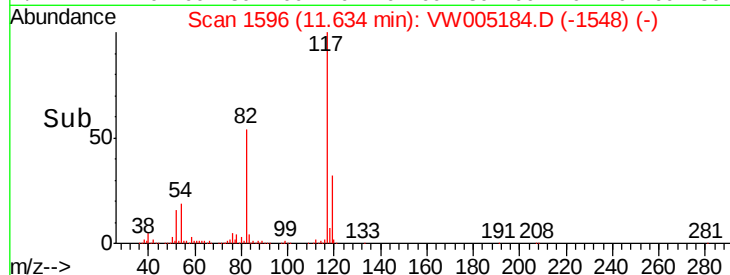
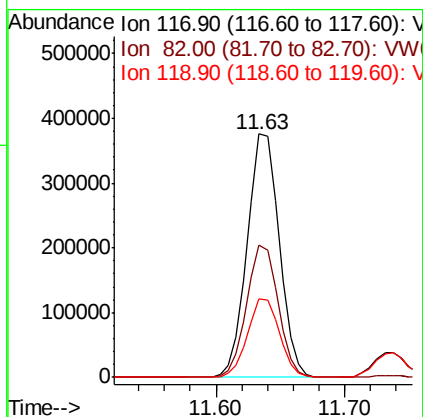
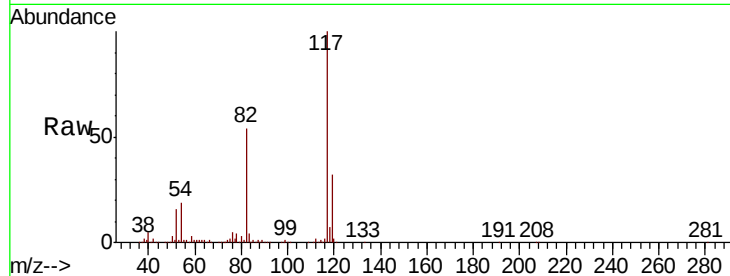




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

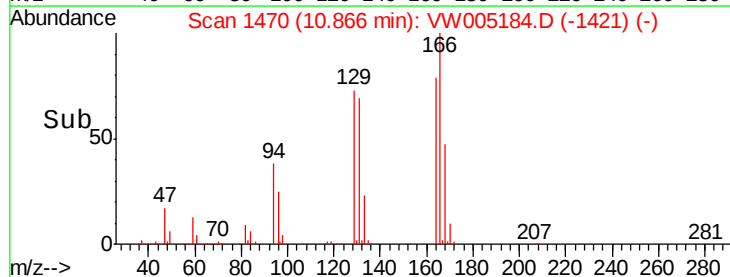
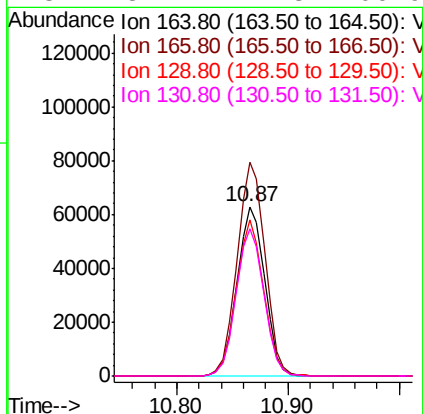
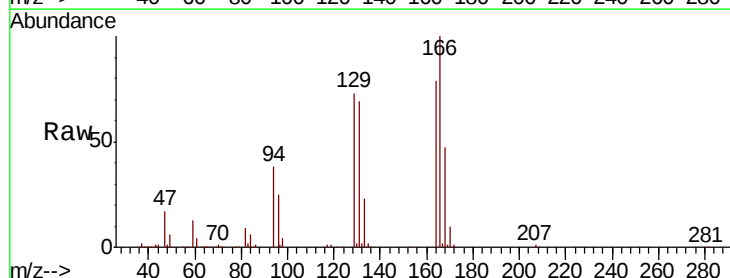
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

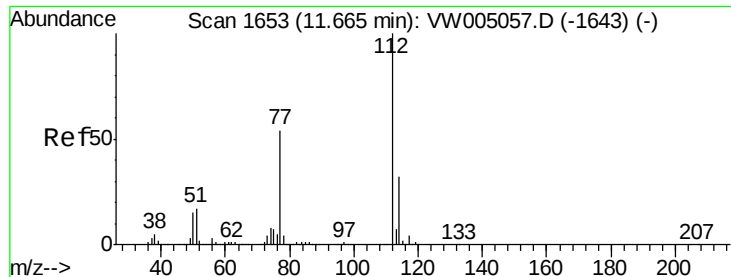
Tgt Ion:117 Resp: 646434
Ion Ratio Lower Upper
117 100
82 54.1 40.9 61.3
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 21.394 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion:164 Resp: 108510
Ion Ratio Lower Upper
164 100
166 126.1 97.3 145.9
129 92.6 73.1 109.7
131 87.2 71.3 106.9

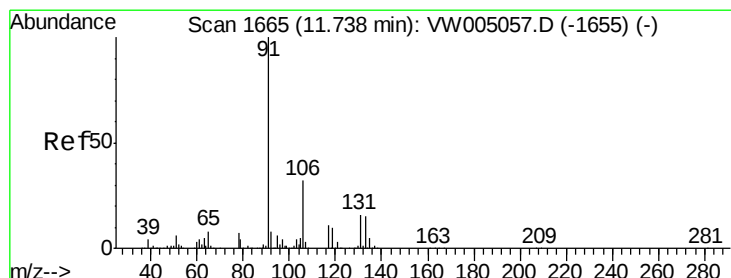
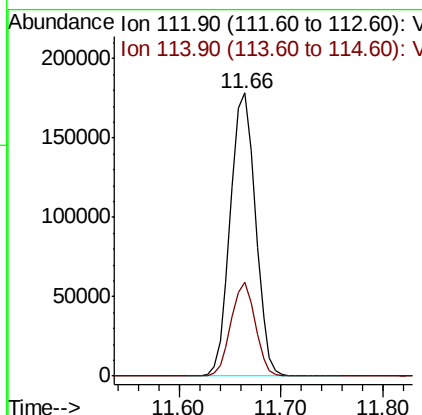
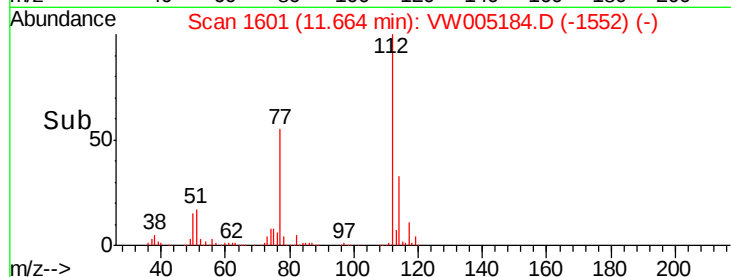
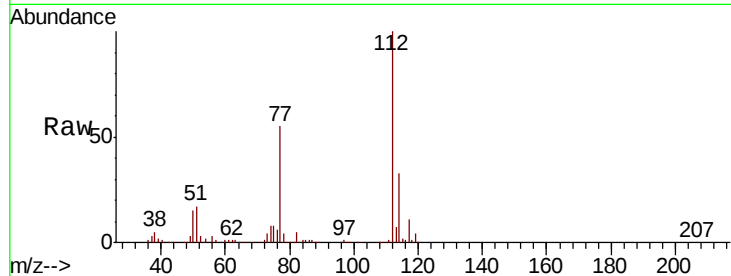




#65
Chlorobenzene
Concen: 20.920 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

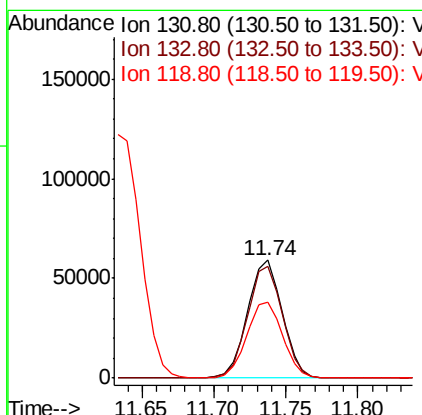
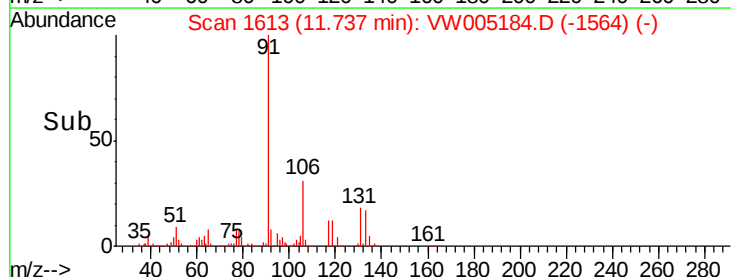
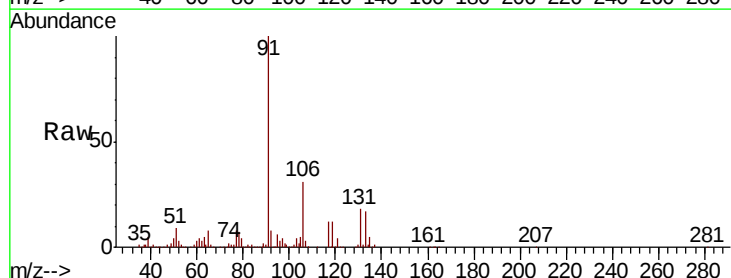
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

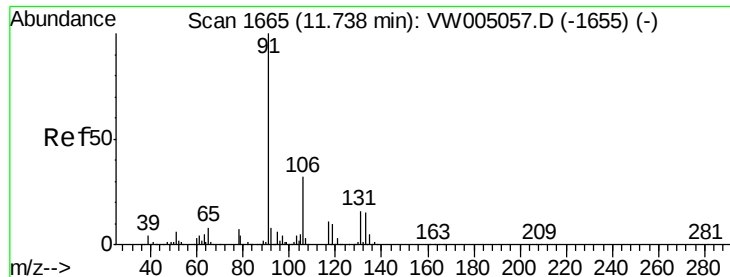
Tgt Ion:112 Resp: 304448
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.063 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion:131 Resp: 98118
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.3
119 66.6 33.4 100.1

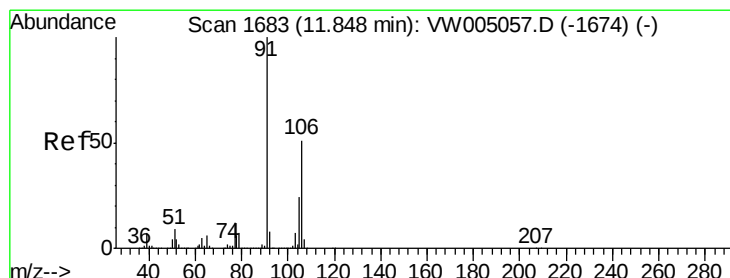
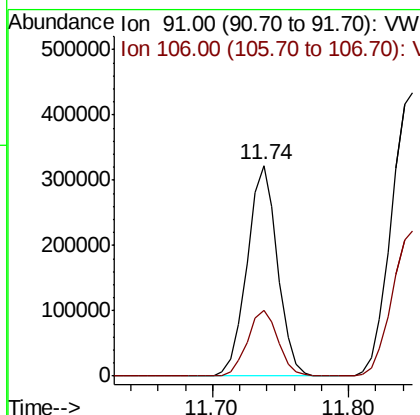
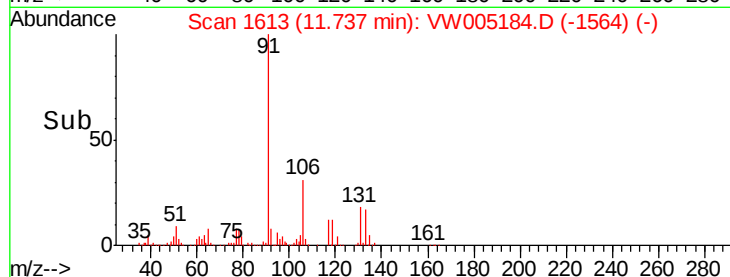
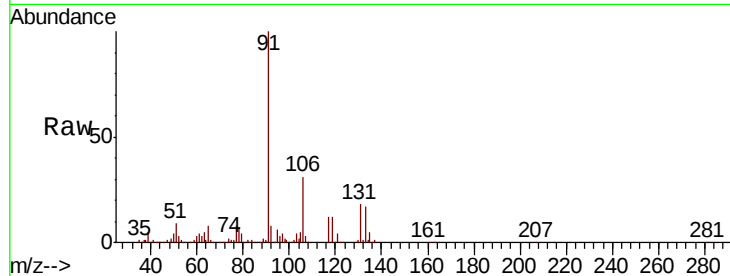




#67
Ethyl Benzene
Concen: 20.525 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

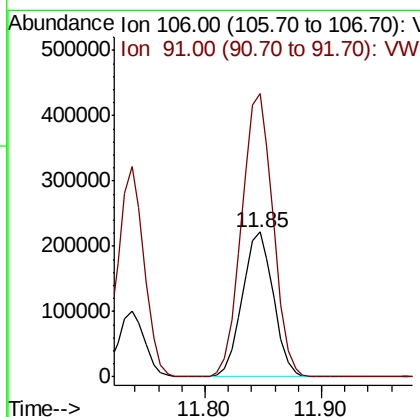
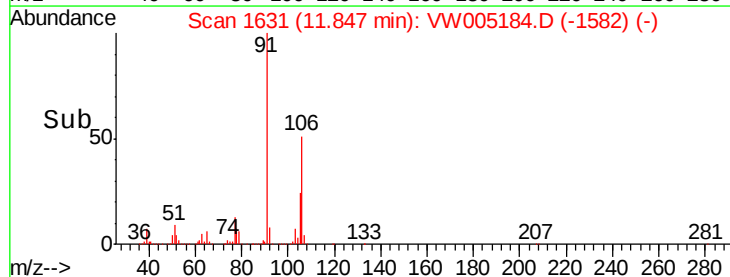
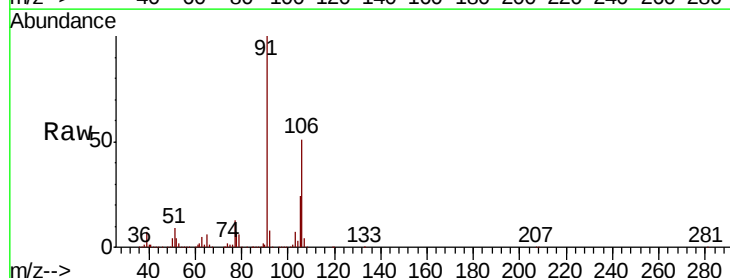
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

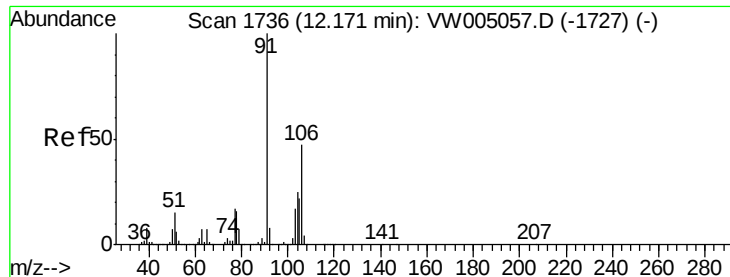
Tgt Ion: 91 Resp: 504965
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 41.749 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion: 106 Resp: 411253
Ion Ratio Lower Upper
106 100
91 198.2 158.4 237.6

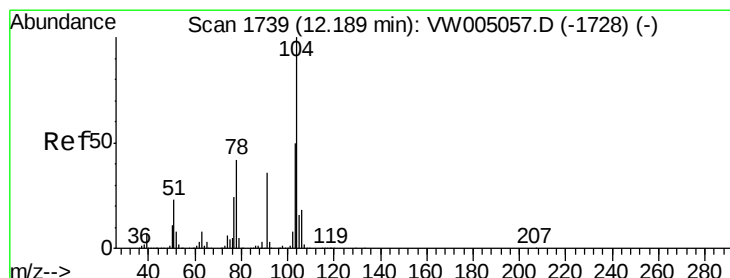
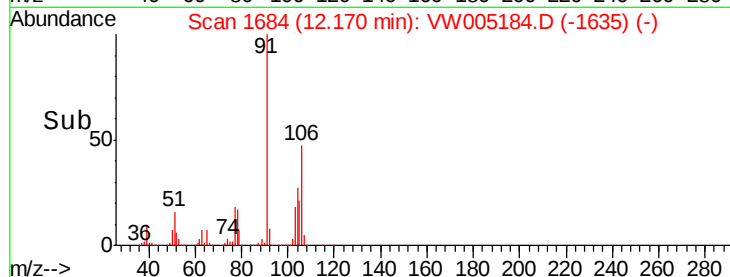
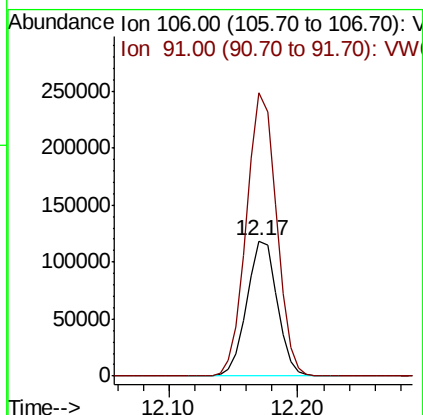
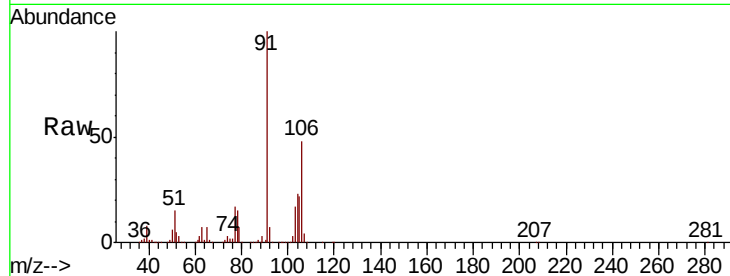




#69
o-Xylene
Concen: 21.117 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

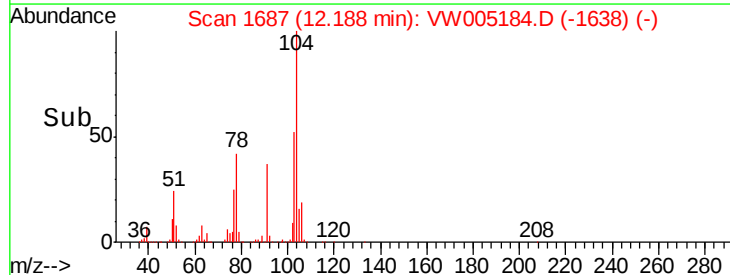
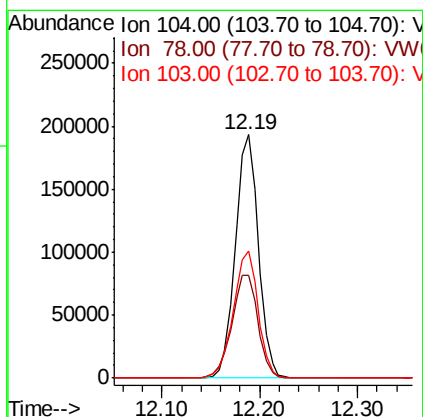
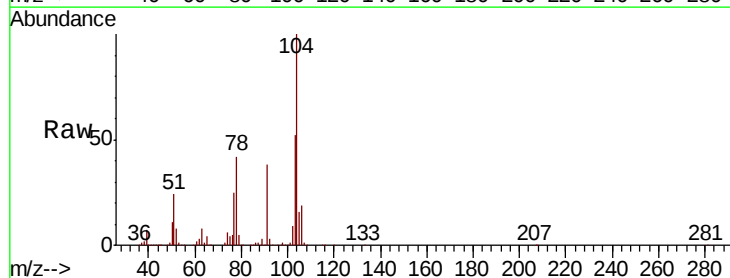
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

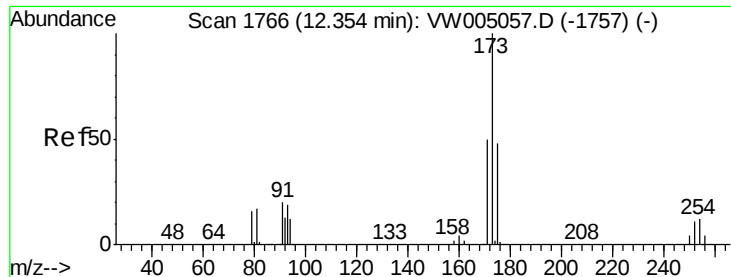
Tgt Ion:106 Resp: 192319
Ion Ratio Lower Upper
106 100
91 208.7 105.6 316.8



#70
Styrene
Concen: 21.075 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005184.D
Acq: 07 Sep 2018 02:05

Tgt Ion:104 Resp: 317062
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 55.9 44.1 66.1





#71

Bromoform

Concen: 22.922 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

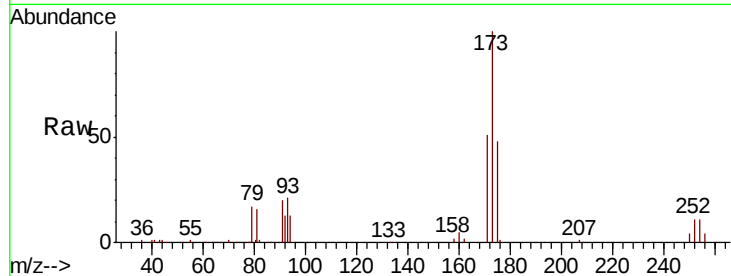
Tgt Ion:173 Resp: 54027

Ion Ratio Lower Upper

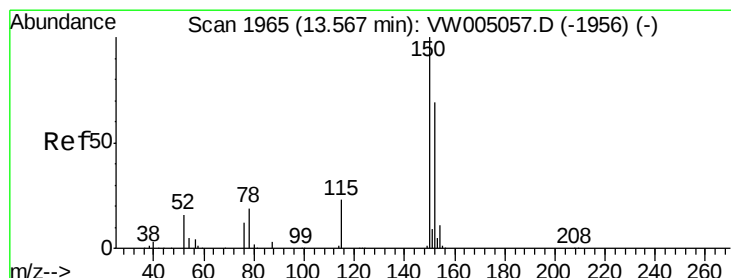
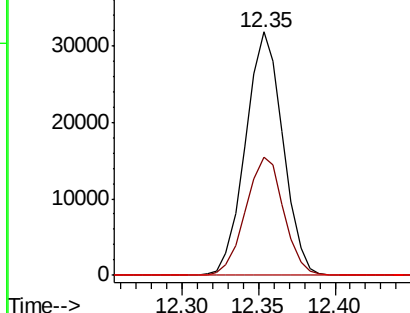
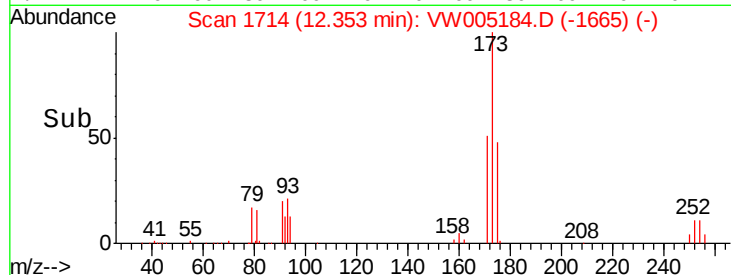
173 100

175 49.3 24.1 72.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

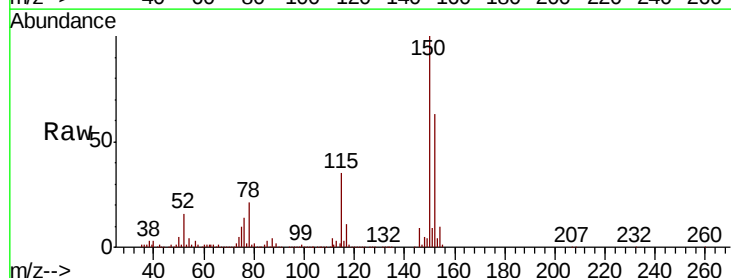
Tgt Ion:152 Resp: 341591

Ion Ratio Lower Upper

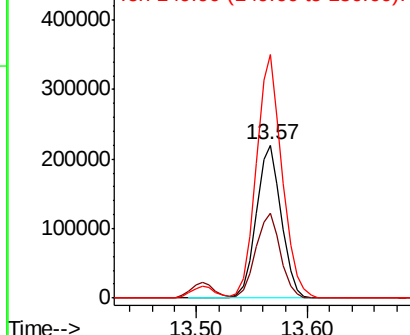
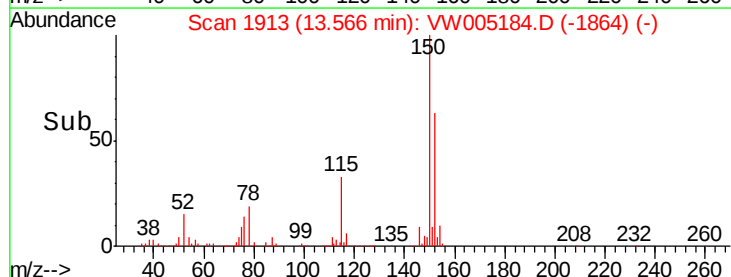
152 100

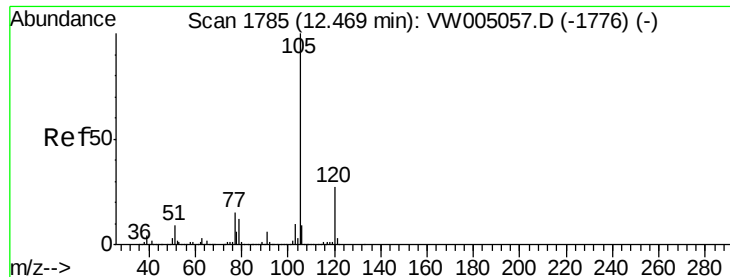
115 55.7 27.8 83.4

150 164.6 0.0 351.4



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: 21.065 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

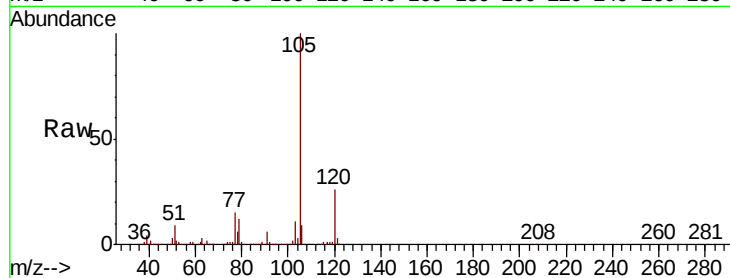
VW0906SBSD02

Tgt Ion:105 Resp: 507360

Ion Ratio Lower Upper

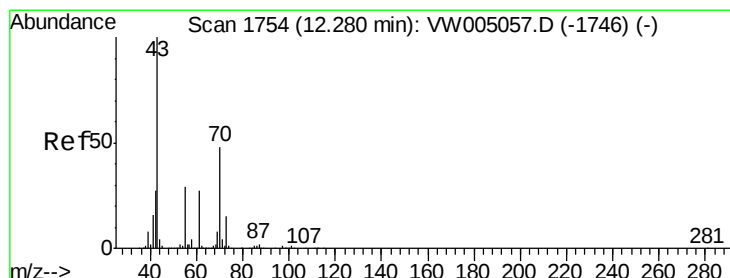
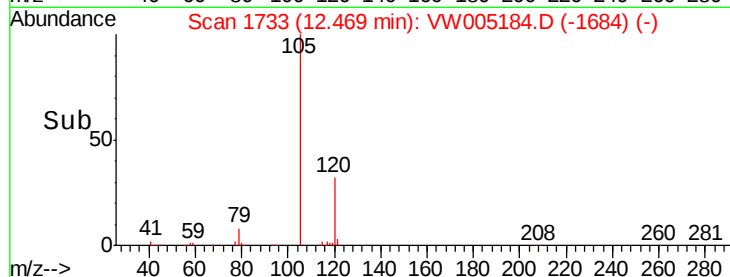
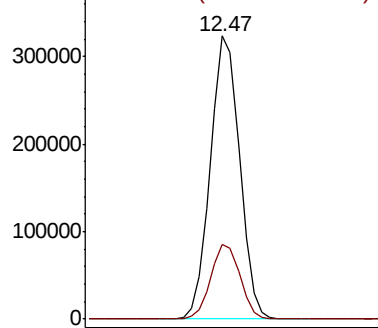
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.459 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Tgt Ion: 43 Resp: 97292

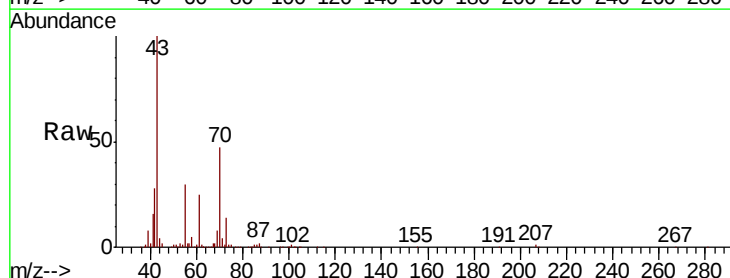
Ion Ratio Lower Upper

43 100

70 46.4 38.2 57.4

55 29.2 23.2 34.8

61 25.5 20.6 31.0

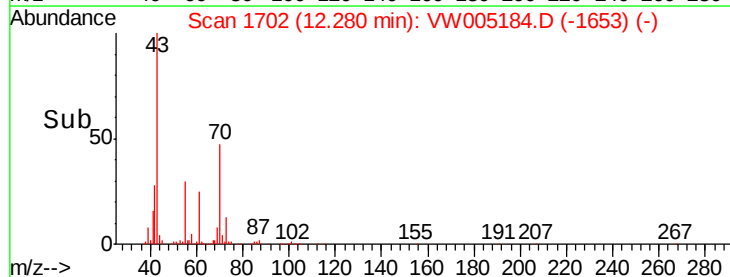
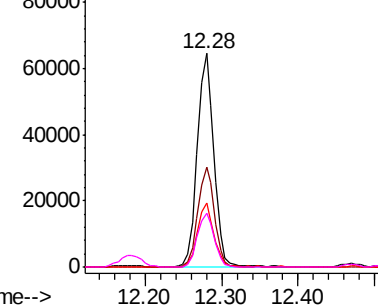


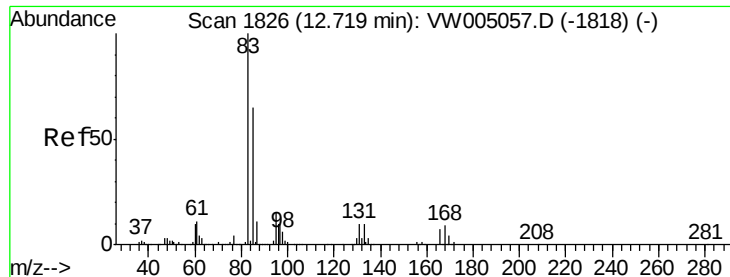
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 24.392 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

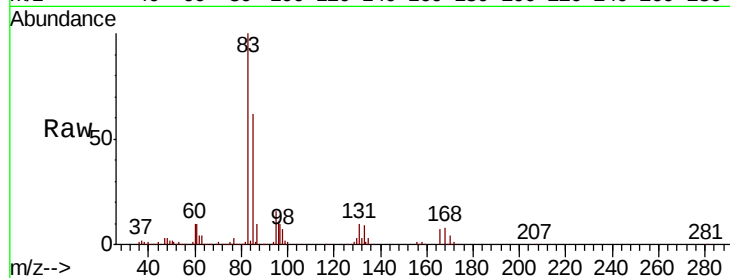
Tgt Ion: 83 Resp: 89436

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

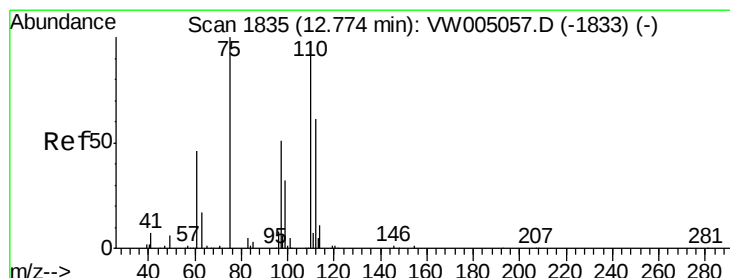
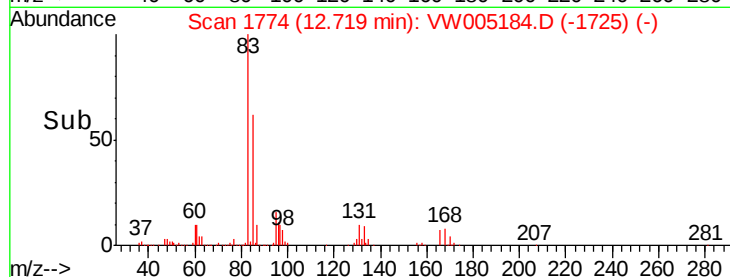
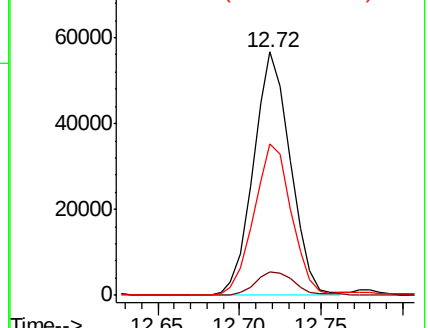
85 63.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.877 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005184.D

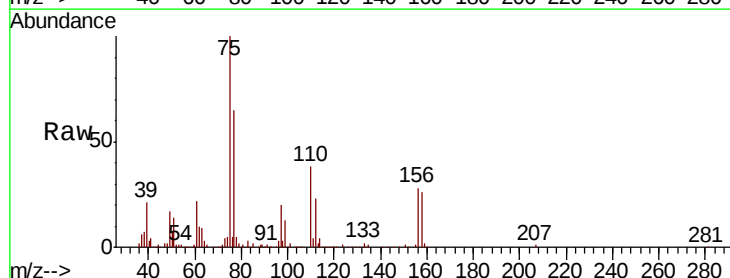
Acq: 07 Sep 2018 02:05

Tgt Ion: 75 Resp: 112502

Ion Ratio Lower Upper

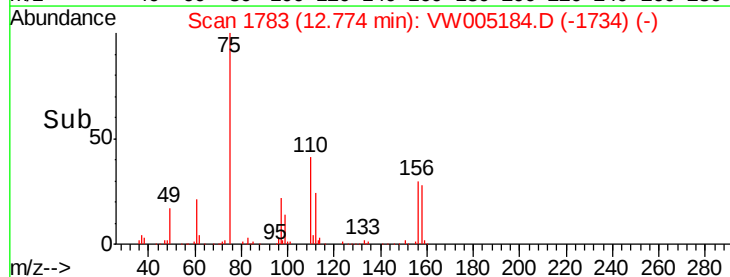
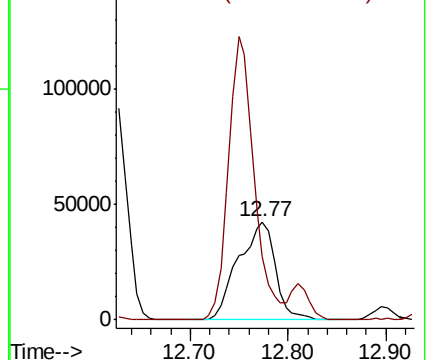
75 100

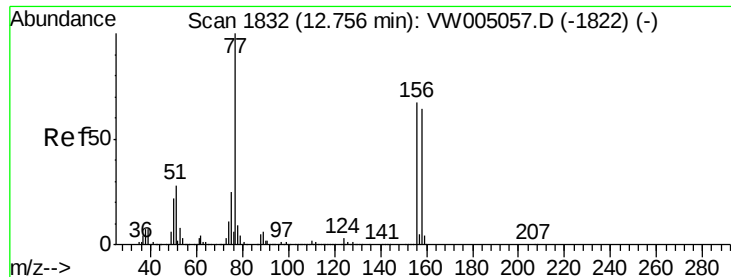
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.641 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

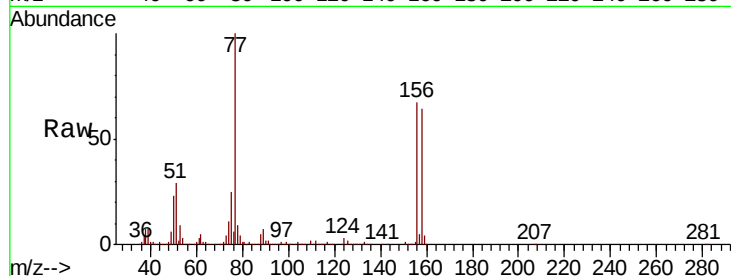
Tgt Ion:156 Resp: 128431

Ion Ratio Lower Upper

156 100

77 174.1 85.8 257.4

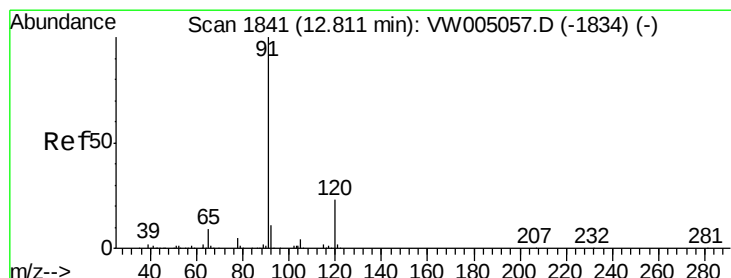
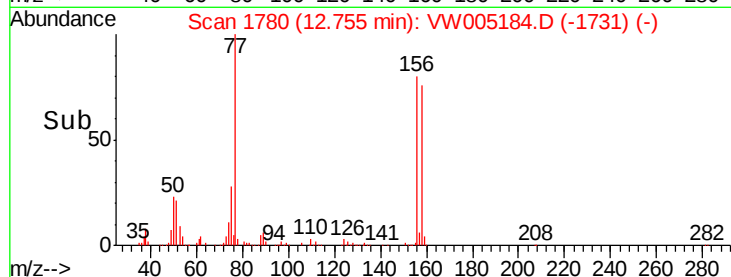
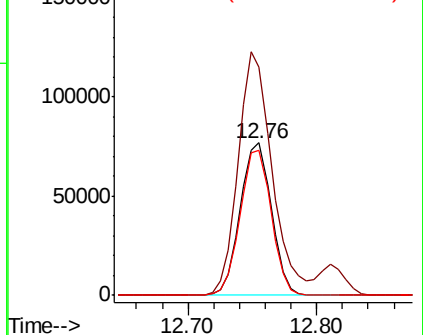
158 95.1 48.1 144.4



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: 21.210 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005184.D

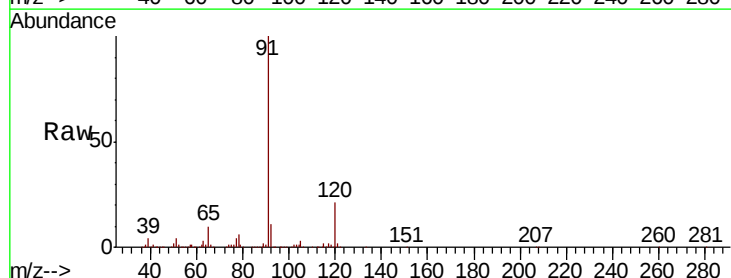
Acq: 07 Sep 2018 02:05

Tgt Ion: 91 Resp: 616707

Ion Ratio Lower Upper

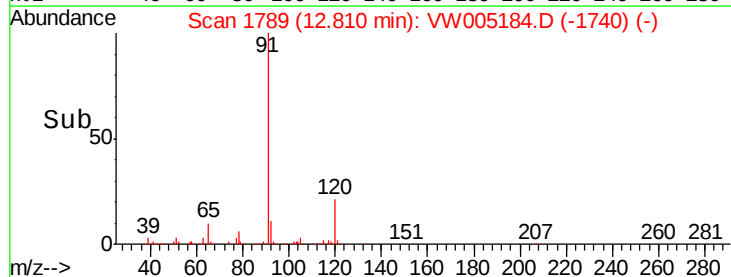
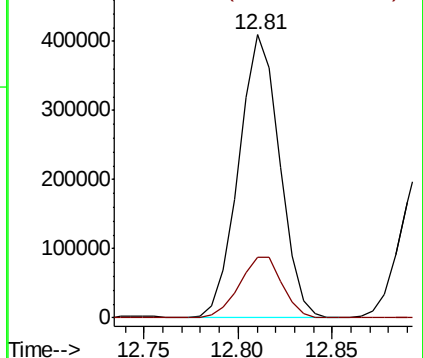
91 100

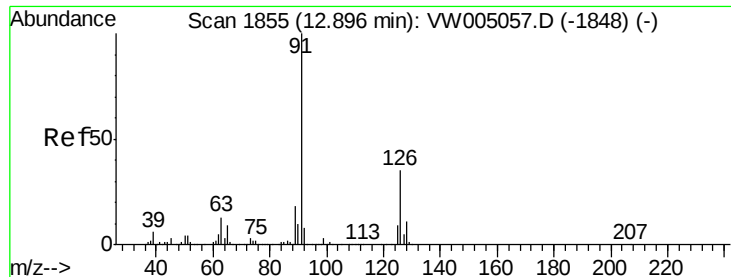
120 22.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.901 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

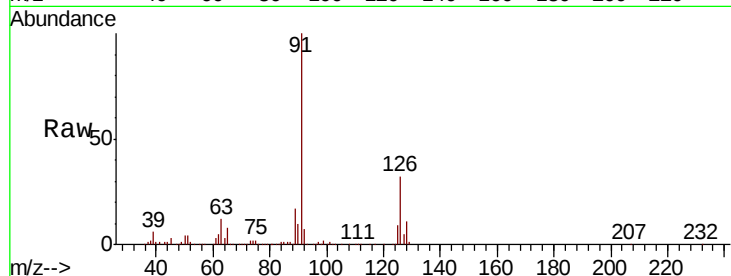
VW0906SBSD02

Tgt Ion: 91 Resp: 354554

Ion Ratio Lower Upper

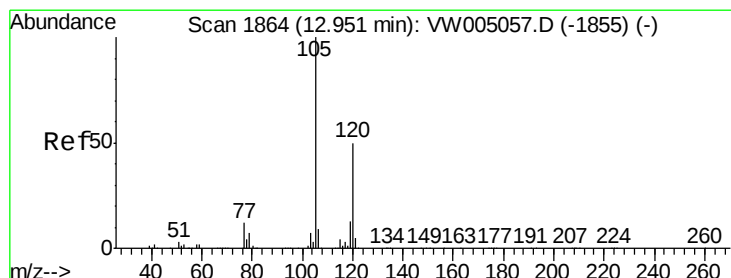
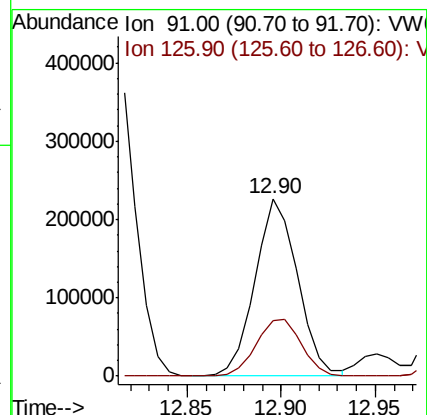
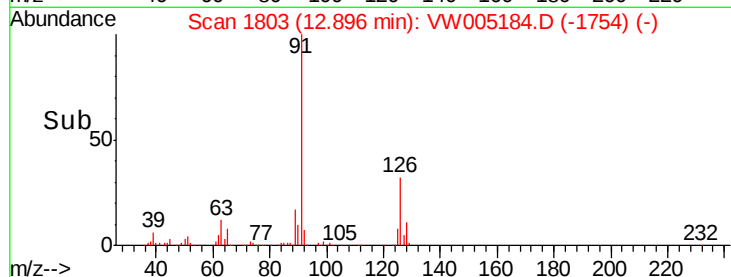
91 100

126 34.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.844 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005184.D

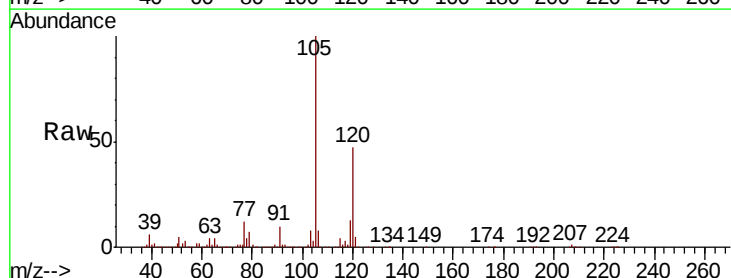
Acq: 07 Sep 2018 02:05

Tgt Ion: 105 Resp: 434154

Ion Ratio Lower Upper

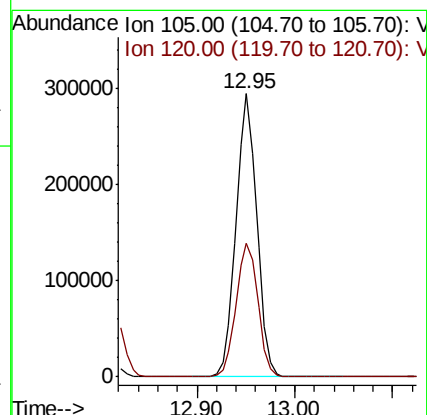
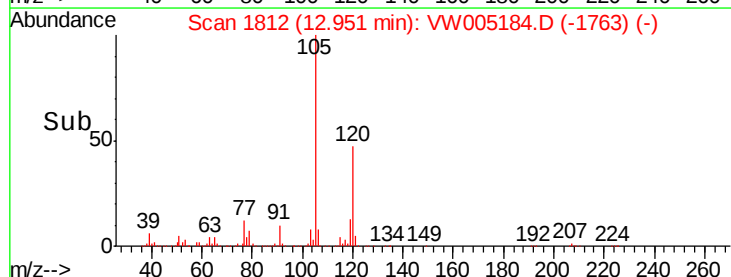
105 100

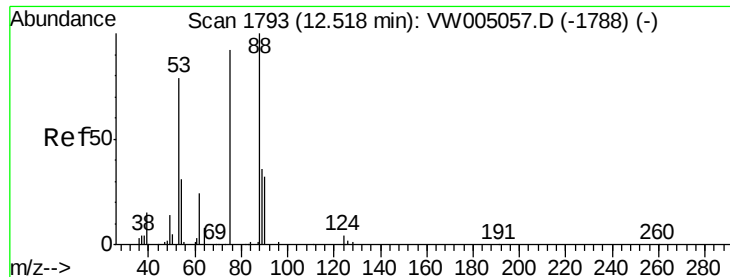
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.360 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

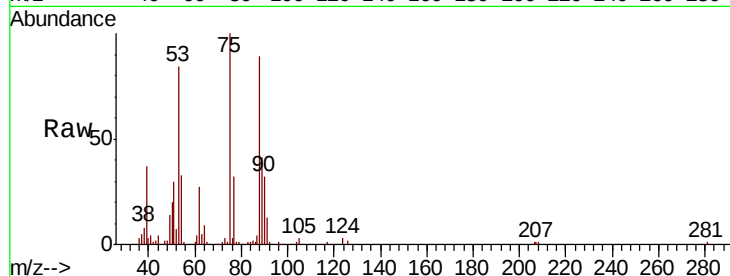
Tgt Ion: 75 Resp: 23820

Ion Ratio Lower Upper

75 100

53 89.3 69.8 104.8

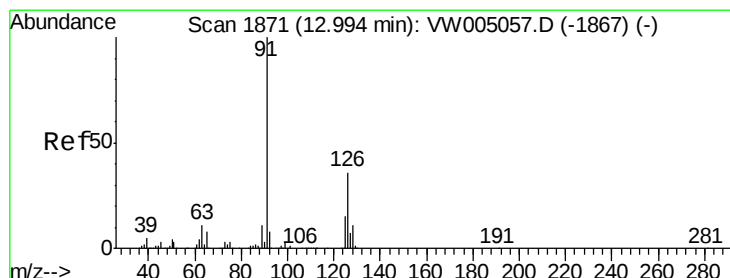
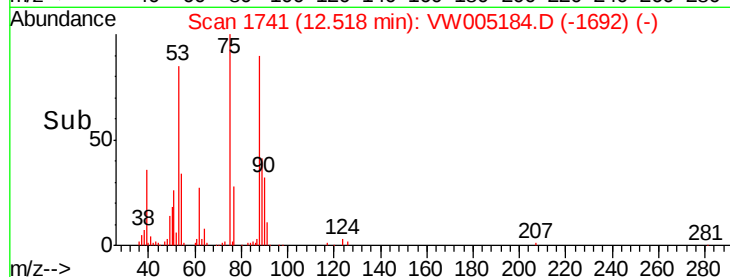
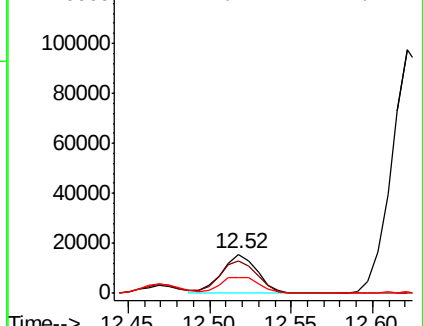
89 46.2 36.0 54.0



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: 21.188 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005184.D

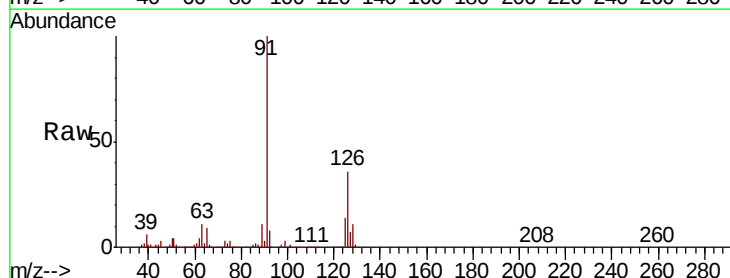
Acq: 07 Sep 2018 02:05

Tgt Ion: 91 Resp: 379530

Ion Ratio Lower Upper

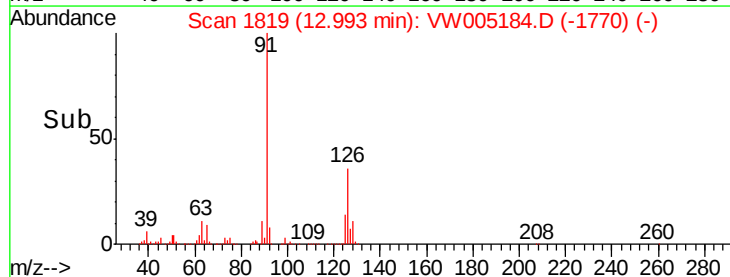
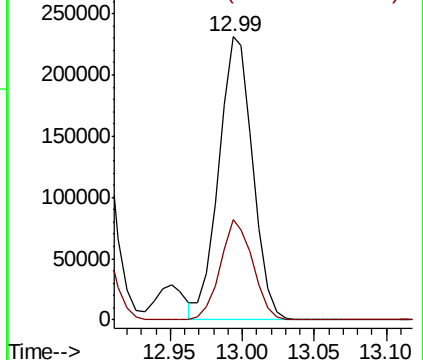
91 100

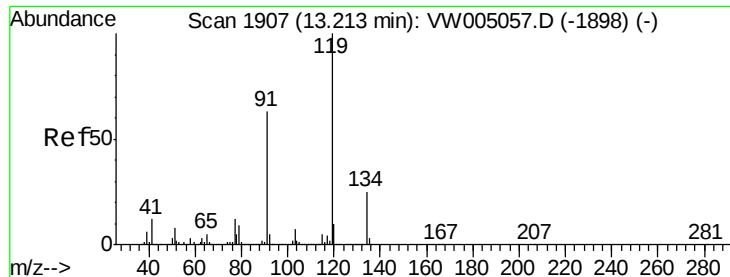
126 34.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

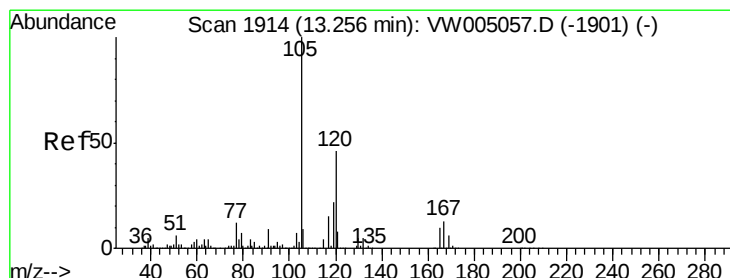
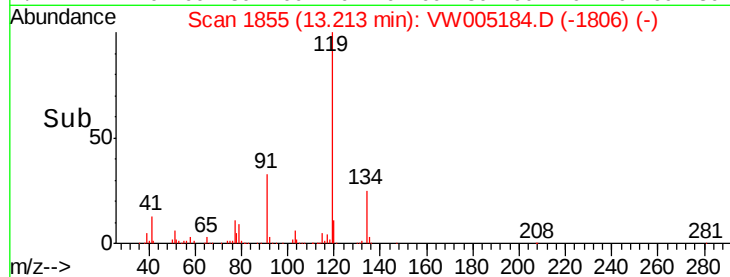
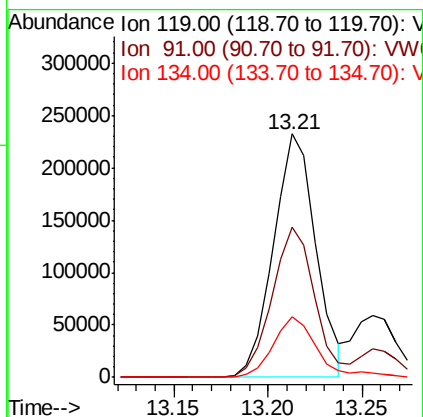
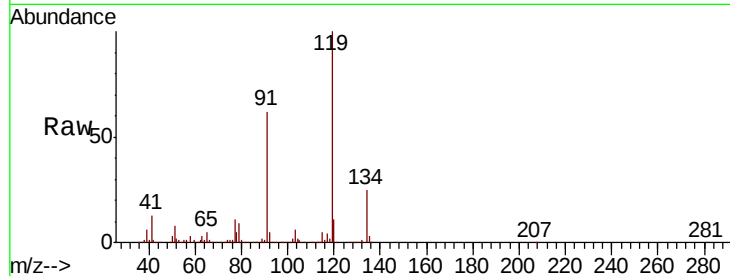




#83
 tert-Butylbenzene
 Concen: 20.840 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

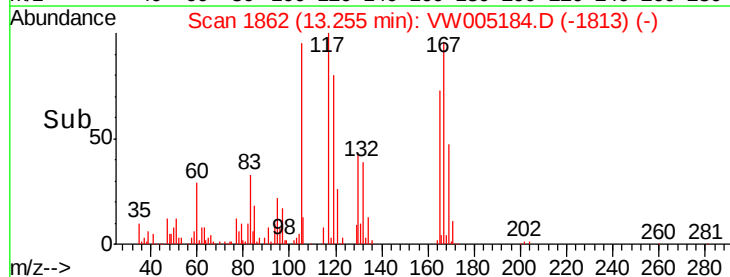
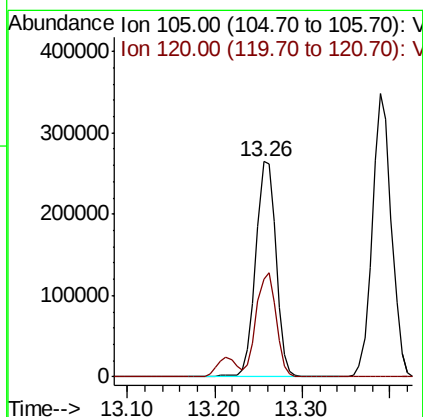
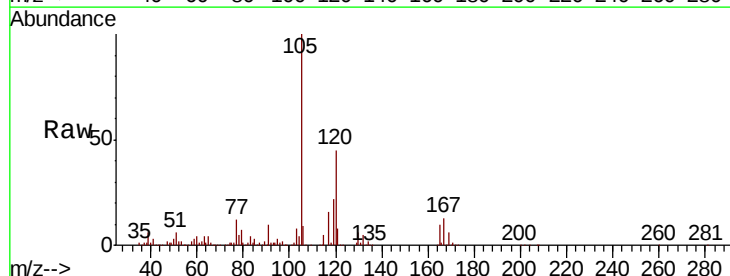
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

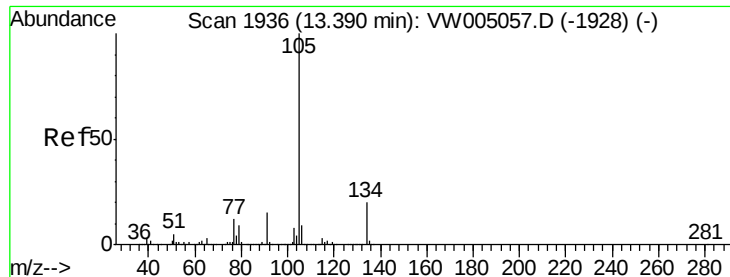
Tgt Ion:119 Resp: 362501
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.8 95.4
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.171 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion:105 Resp: 427889
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.3

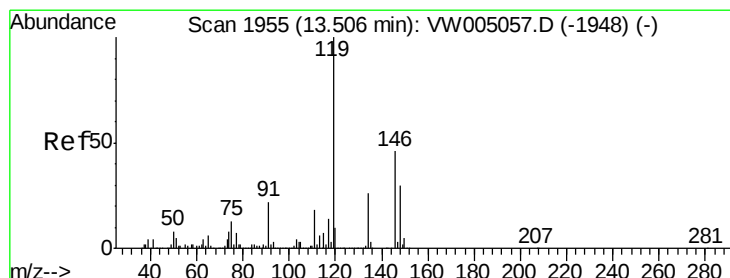
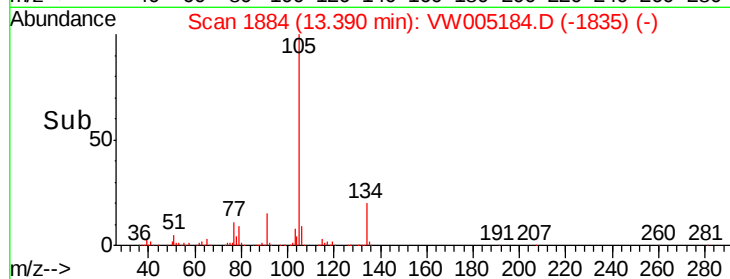
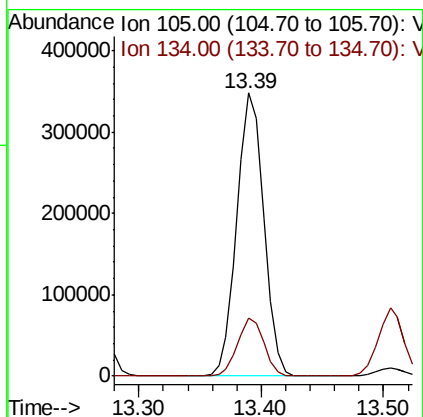
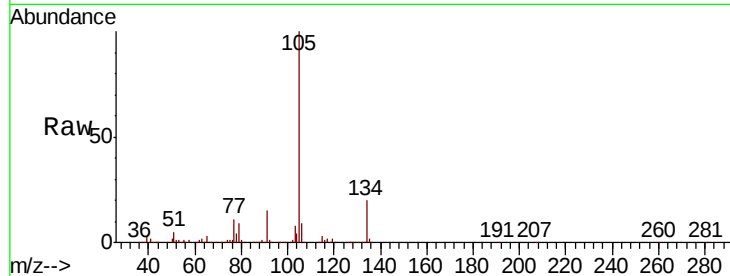




#85
 sec-Butylbenzene
 Concen: 20.750 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

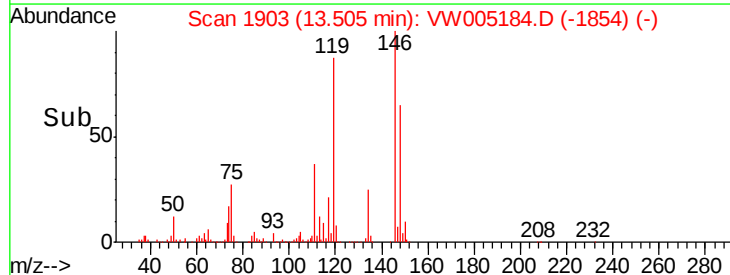
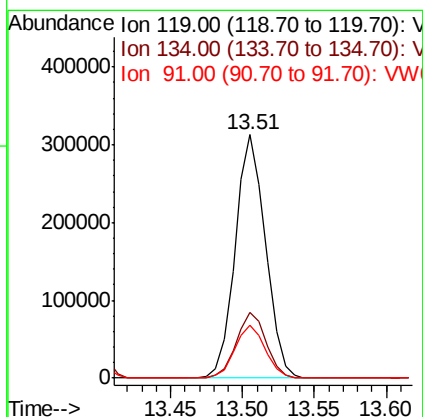
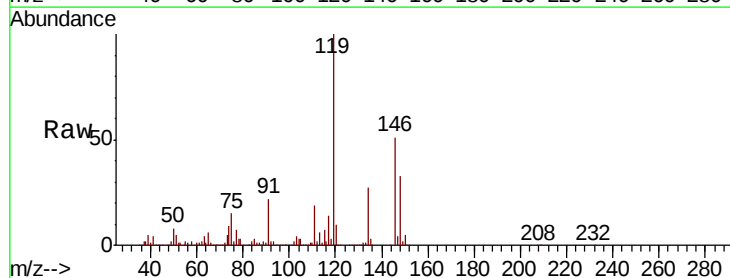
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

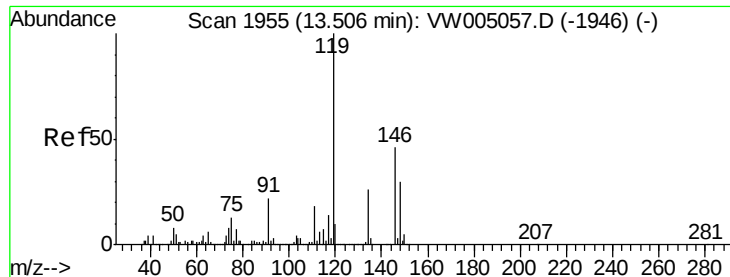
Tgt Ion:105 Resp: 530425
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.153 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion:119 Resp: 456035
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.7 10.9 32.9

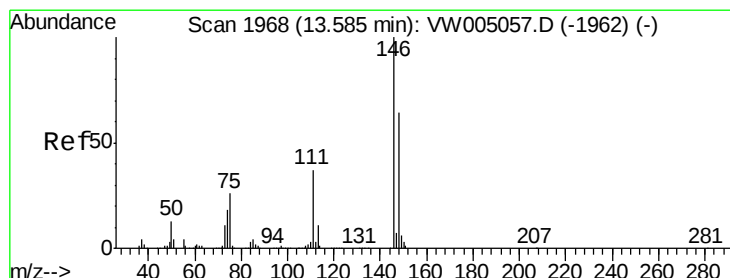
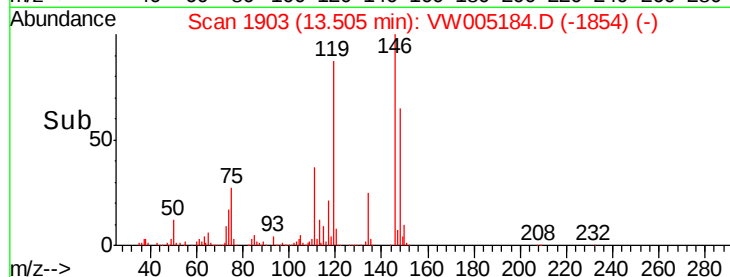
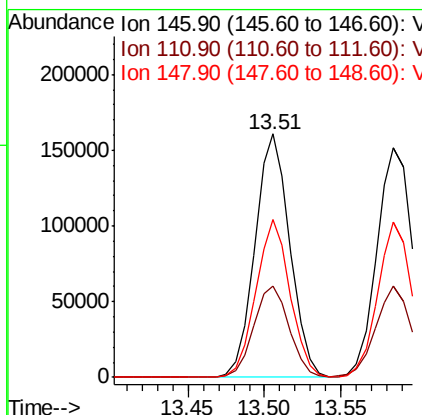
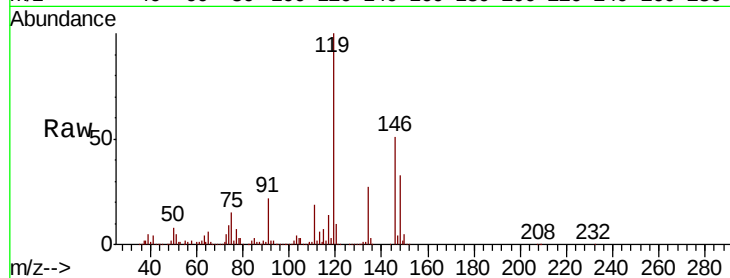




#87
 1,3-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

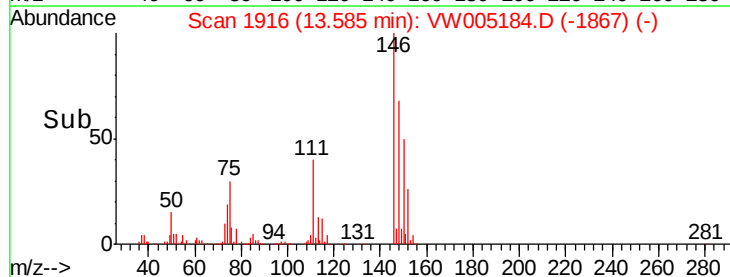
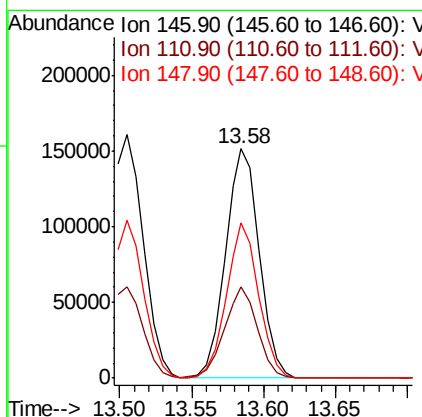
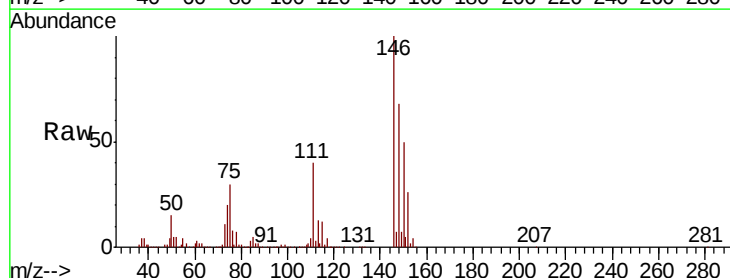
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

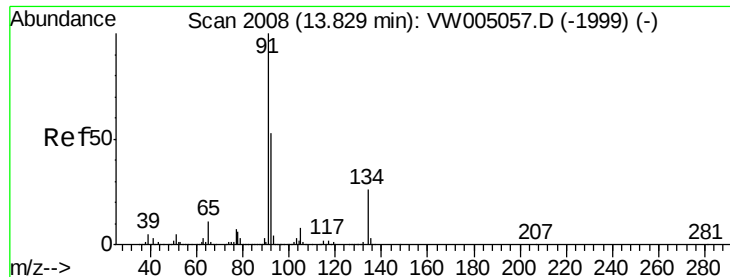
Tgt Ion:146 Resp: 254477
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.2 57.6
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.408 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion:146 Resp: 246792
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 56.0
 148 64.9 32.0 96.0





#89

n-Butylbenzene

Concen: 20.270 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

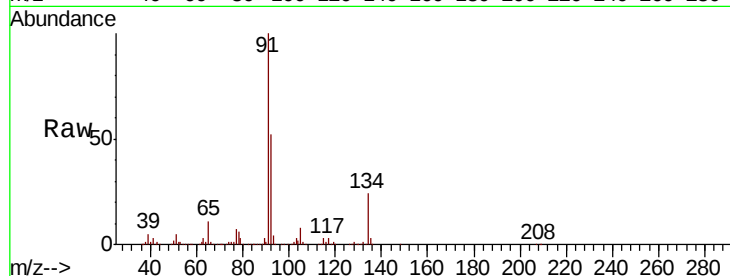
Tgt Ion: 91 Resp: 425077

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

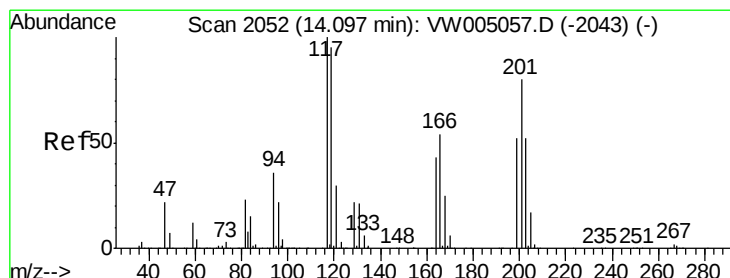
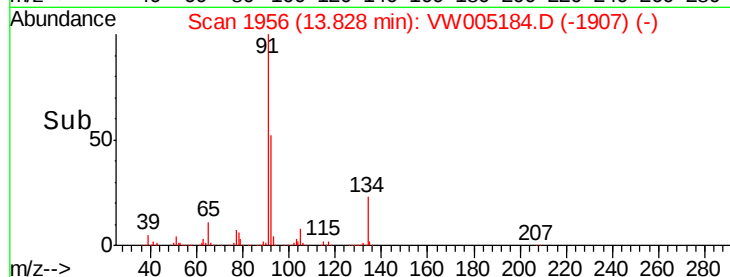
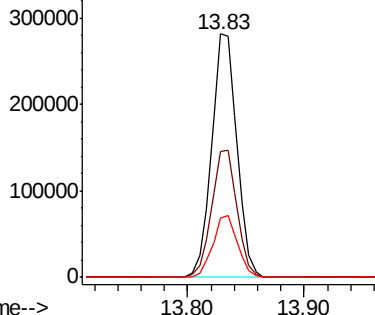
134 25.1 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.055 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005184.D

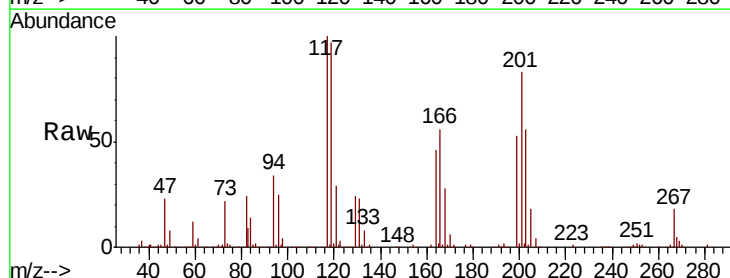
Acq: 07 Sep 2018 02:05

Tgt Ion: 117 Resp: 79141

Ion Ratio Lower Upper

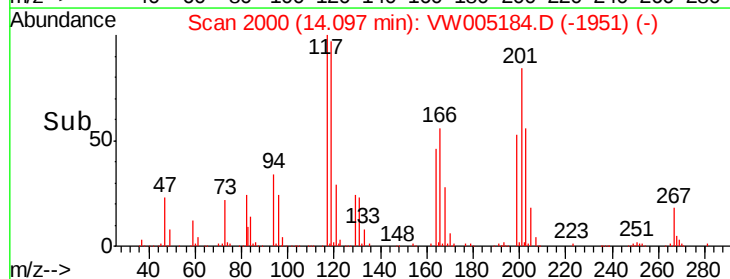
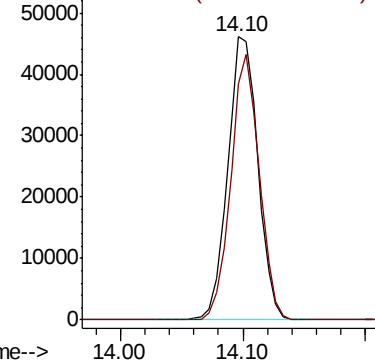
117 100

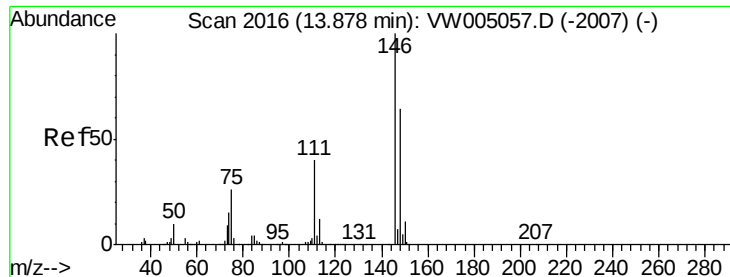
201 88.3 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.842 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

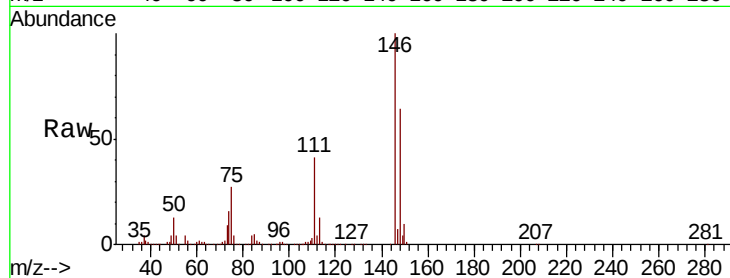
Tgt Ion:146 Resp: 232085

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

148 63.3 31.9 95.9

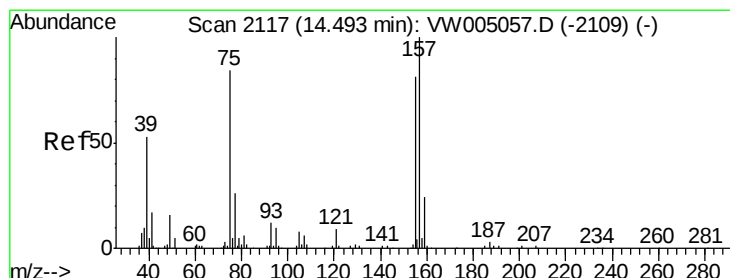
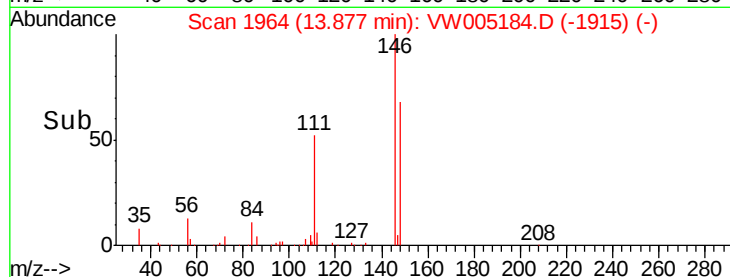
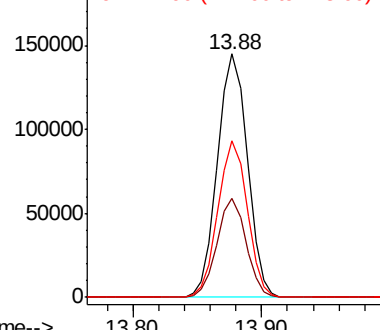


Abundance

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: 24.093 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

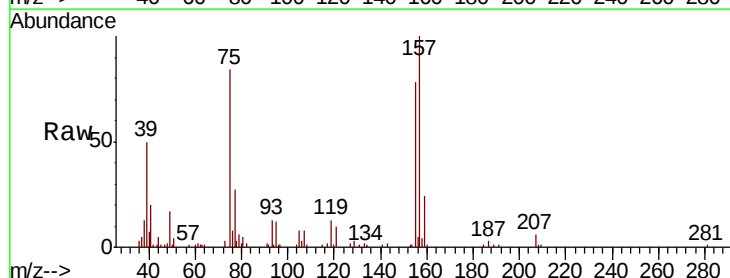
Tgt Ion: 75 Resp: 13805

Ion Ratio Lower Upper

75 100

155 88.8 46.0 137.8

157 111.3 58.6 175.7

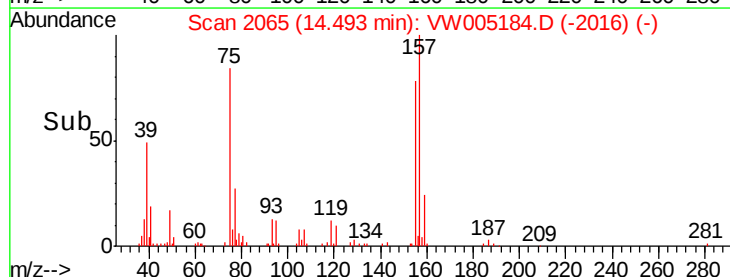
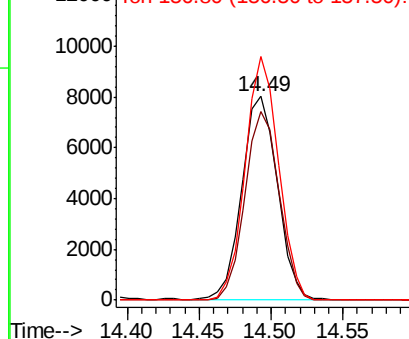


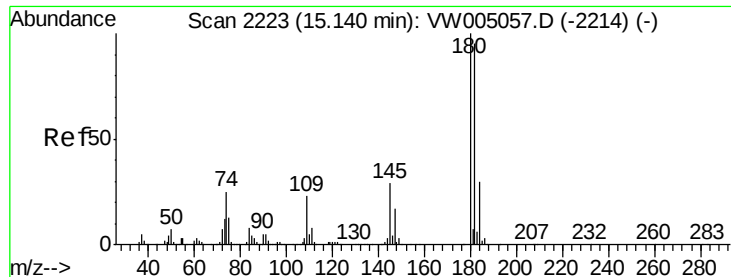
Abundance

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

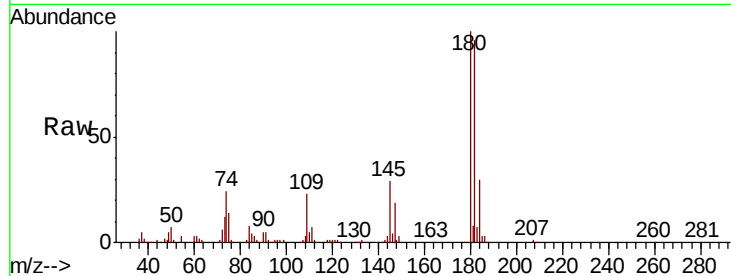




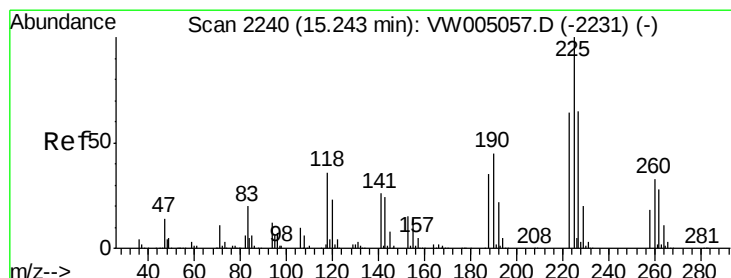
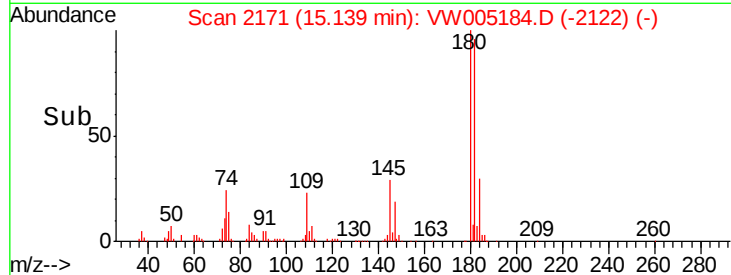
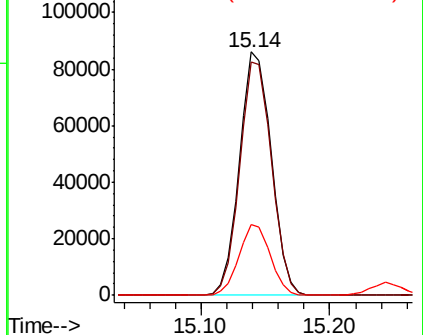
#93
 1,2,4-Trichlorobenzene
 Concen: 20.641 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	28.7	14.4	43.2

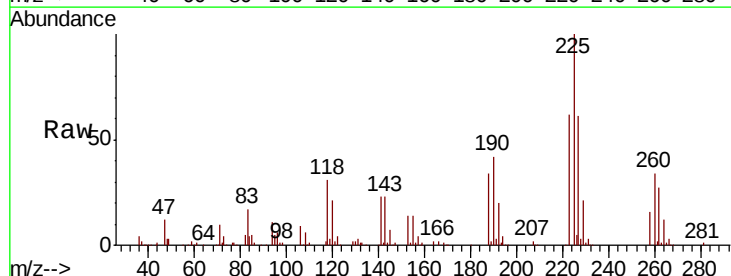


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

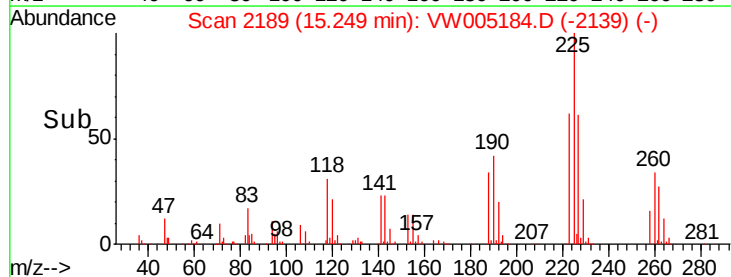
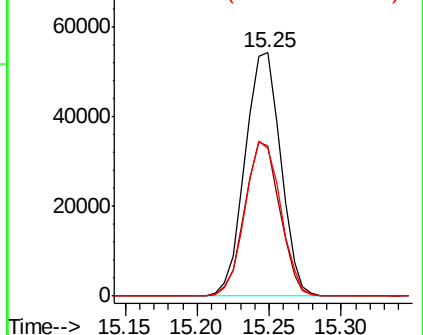


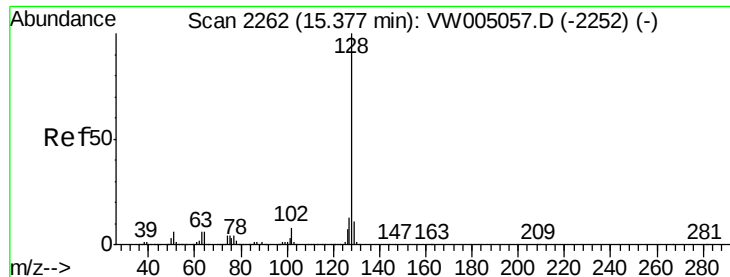
#94
 Hexachlorobutadiene
 Concen: 20.998 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005184.D
 Acq: 07 Sep 2018 02:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.3
227	63.8	32.0	96.0



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





#95

Naphthalene

Concen: 22.448 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

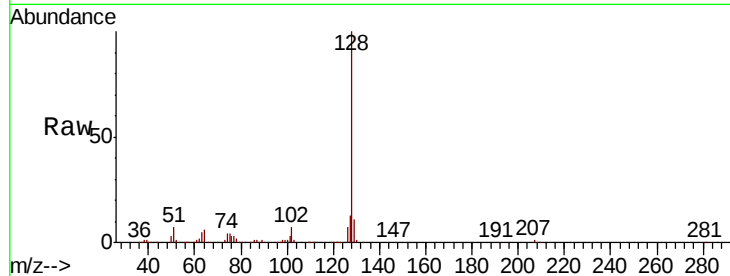
Tgt Ion:128 Resp: 247123

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.0 8.7 13.1

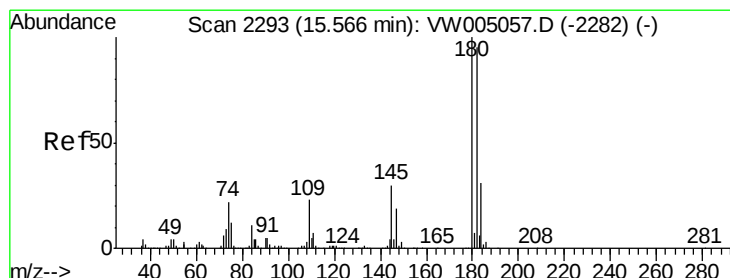
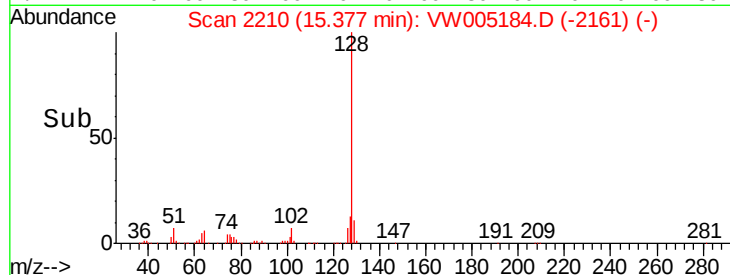
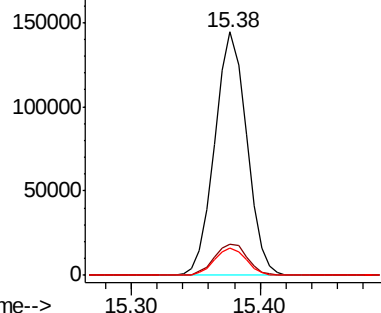


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.643 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005184.D

Acq: 07 Sep 2018 02:05

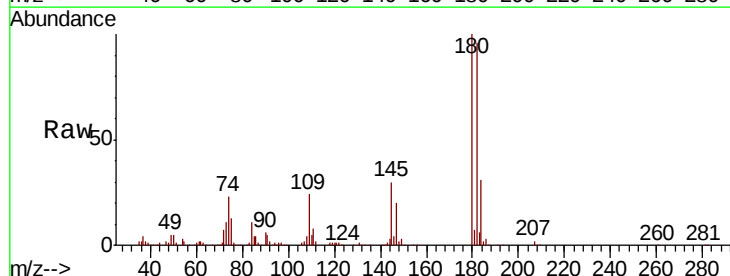
Tgt Ion:180 Resp: 131960

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 30.4 15.4 46.1



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

