

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005693.D
 Acq On : 27 Sep 2018 12:17
 Operator : VA/AP
 Sample : VW0927SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Quant Time: Sep 28 01:20:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123069	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	7.89	113	106155	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.33	98	434610	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	161946	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30742	20.851	ug/l	94
3) Chloromethane	2.21	50	32730	18.123	ug/l	98
4) Vinyl Chloride	2.37	62	49059	22.725	ug/l	100
5) Bromomethane	2.79	94	30631	20.996	ug/l	99
6) Chloroethane	2.93	64	27693	19.992	ug/l	98
7) Trichlorofluoromethane	3.26	101	35864	21.241	ug/l	97
8) Diethyl Ether	3.68	74	22789	20.662	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46404	21.712	ug/l	99
10) Methyl Iodide	4.27	142	69897	21.265	ug/l	98
11) Tert butyl alcohol	5.22	59	13569	97.849	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	43127	21.077	ug/l	99
13) Acrolein	3.90	56	9534	91.882	ug/l	98
14) Allyl chloride	4.67	41	73238	20.509	ug/l	98
15) Acrylonitrile	5.38	53	46003	93.943	ug/l	99
16) Acetone	4.14	43	50342	115.928	ug/l	97
17) Carbon Disulfide	4.37	76	134276	21.003	ug/l	98
18) Methyl Acetate	4.68	43	22028	17.560	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	64165	20.317	ug/l	99
20) Methylene Chloride	4.91	84	56216	23.038	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	46092	20.566	ug/l	94
22) Diisopropyl ether	6.32	45	141051	20.347	ug/l	98
23) Vinyl Acetate	6.26	43	389195	98.228	ug/l	100
24) 1,1-Dichloroethane	6.22	63	87187	20.357	ug/l	99
25) 2-Butanone	7.18	43	62877	97.813	ug/l	99
26) 2,2-Dichloropropane	7.17	77	65115	21.777	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50788	20.546	ug/l	98
28) Bromochloromethane	7.51	49	30738	18.118	ug/l	96
29) Tetrahydrofuran	7.54	42	36265	90.302	ug/l	99
30) Chloroform	7.68	83	90040	20.363	ug/l	98
31) Cyclohexane	7.96	56	83408	20.327	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	82342	21.080	ug/l	98
36) 1,1-Dichloropropene	8.09	75	71298	21.322	ug/l	98
37) Ethyl Acetate	7.27	43	25526	18.140	ug/l	96
38) Carbon Tetrachloride	8.07	117	77083	21.512	ug/l	96

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Quant Time: Sep 28 01:20:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85006	21.547	ug/l	98
40) Benzene	8.33	78	200121	21.122	ug/l	98
41) Methacrylonitrile	7.49	41	15942	19.908	ug/l	100
42) 1,2-Dichloroethane	8.40	62	61484	20.269	ug/l	99
43) Isopropyl Acetate	8.43	43	52499	18.975	ug/l	97
44) Trichloroethene	9.10	130	51533	21.250	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47642	20.439	ug/l	98
46) Dibromomethane	9.46	93	23301	20.007	ug/l	98
47) Bromodichloromethane	9.65	83	62689	20.038	ug/l	99
48) Methyl methacrylate	9.44	41	25077	19.083	ug/l	98
49) 1,4-Dioxane	9.48	88	7268	392.522	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	129811	93.157	ug/l	100
52) Toluene	10.39	92	127083	21.497	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63696	20.309	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	73476	20.909	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34266	20.728	ug/l	98
56) Ethyl methacrylate	10.65	69	40924	20.053	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59433	20.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91046	98.419	ug/l	98
59) 2-Hexanone	10.98	43	96643	102.093	ug/l	98
60) Dibromochloromethane	11.13	129	41402	20.727	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30821	19.996	ug/l	98
64) Tetrachloroethene	10.87	164	45679	21.098	ug/l	98
65) Chlorobenzene	11.66	112	138114	21.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	48629	20.865	ug/l	97
67) Ethyl Benzene	11.74	91	245453	21.354	ug/l	99
68) m/p-Xylenes	11.85	106	188522	43.411	ug/l	100
69) o-Xylene	12.17	106	86328	21.226	ug/l	100
70) Styrene	12.19	104	145034	21.190	ug/l	99
71) Bromoform	12.35	173	24727	19.987	ug/l #	99
73) Isopropylbenzene	12.47	105	251414	21.492	ug/l	99
74) N-amyl acetate	12.28	43	49740	18.778	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38313	19.718	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54009	37.560	ug/l #	100
77) Bromobenzene	12.75	156	56841	20.731	ug/l	97
78) n-propylbenzene	12.81	91	305217	21.551	ug/l	99
79) 2-Chlorotoluene	12.90	91	174008	21.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	220720	21.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12277	19.230	ug/l	96
82) 4-Chlorotoluene	12.99	91	184147	21.270	ug/l	99
83) tert-Butylbenzene	13.21	119	185302	21.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224311	21.852	ug/l	99
85) sec-Butylbenzene	13.39	105	271616	21.915	ug/l	100
86) p-Isopropyltoluene	13.51	119	243019	21.876	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118994	21.225	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118207	21.200	ug/l	100
89) n-Butylbenzene	13.83	91	232130	22.153	ug/l	98
90) Hexachloroethane	14.10	117	42598	21.156	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	104288	21.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6869	18.555	ug/l	97

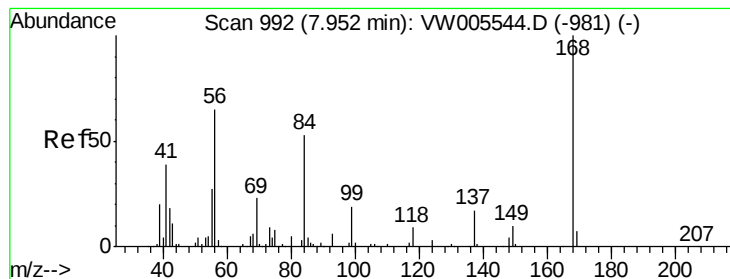
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
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MSVOA_W
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76468	21.659	ug/l	99
94) Hexachlorobutadiene	15.25	225	49796	21.771	ug/l	99
95) Naphthalene	15.38	128	120229	20.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66508	21.376	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

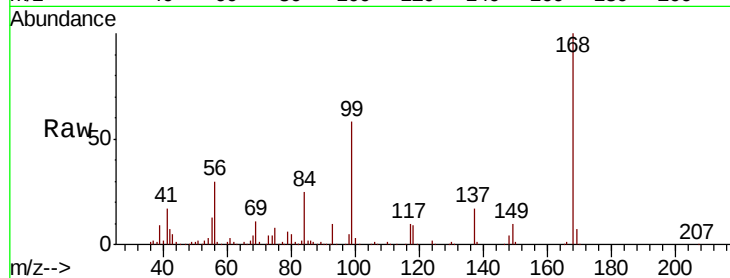
VW0927SBSD01

Tgt Ion:168 Resp: 224667

Ion Ratio Lower Upper

168 100

99 58.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

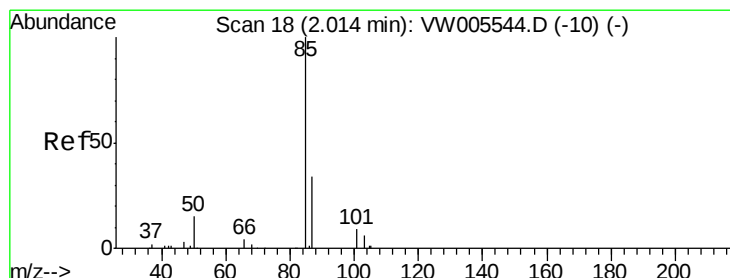
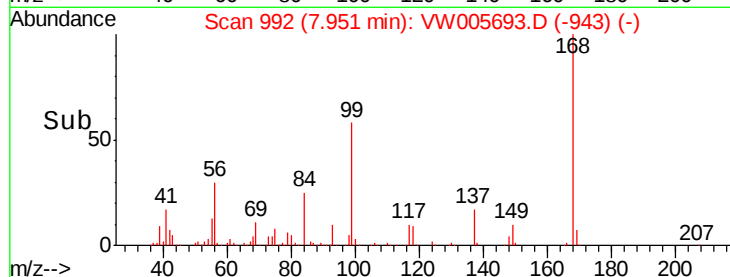
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.851 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005693.D

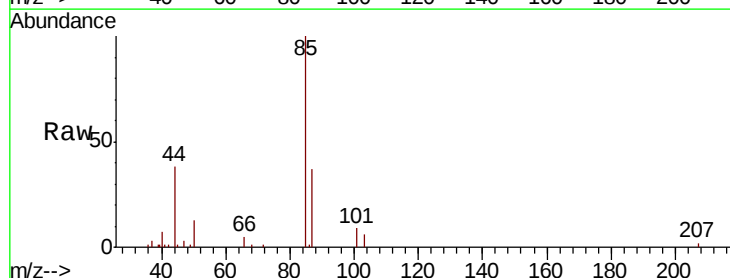
Acq: 27 Sep 2018 12:17

Tgt Ion: 85 Resp: 30742

Ion Ratio Lower Upper

85 100

87 37.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

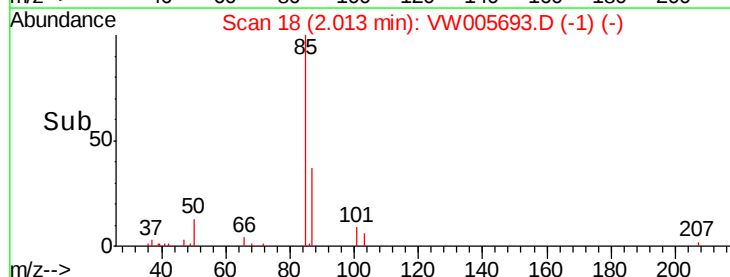
1.90

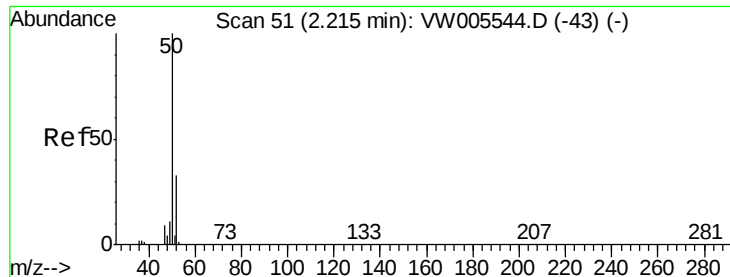
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.123 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

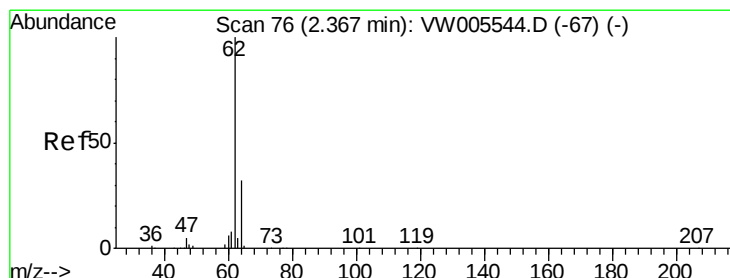
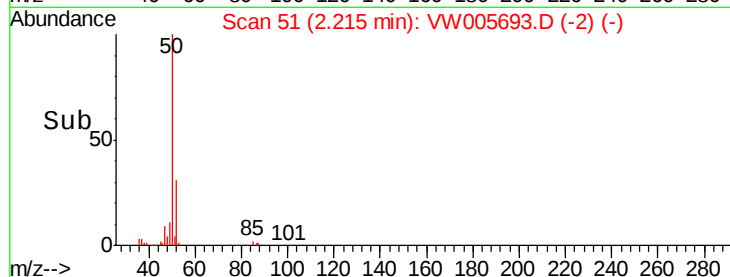
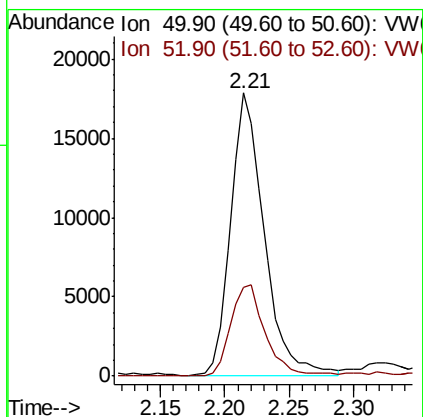
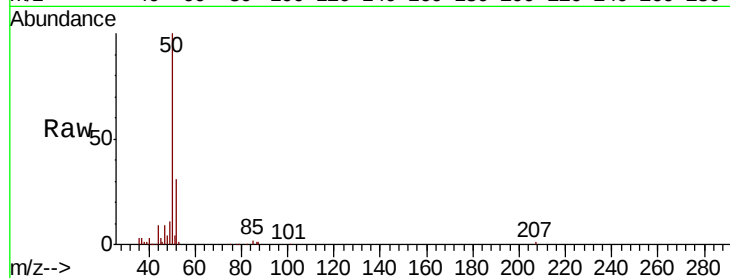
VW0927SBSD01

Tgt Ion: 50 Resp: 32730

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.4



#4

Vinyl Chloride

Concen: 22.725 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005693.D

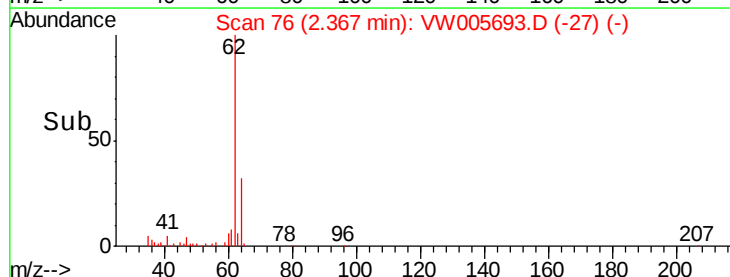
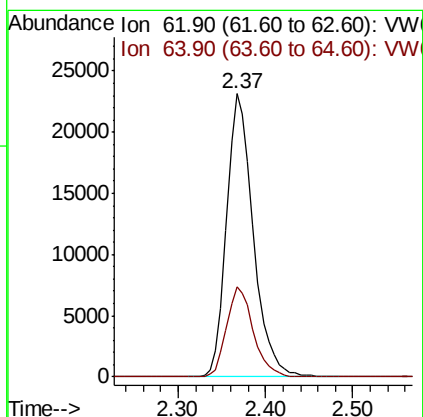
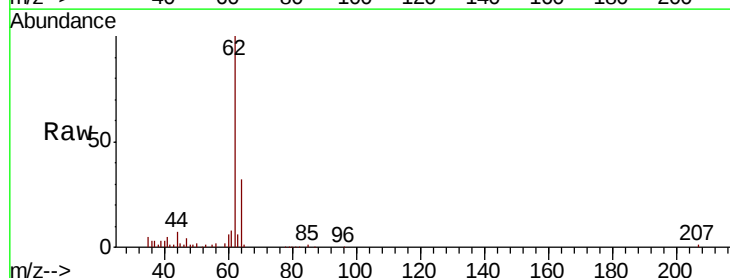
Acq: 27 Sep 2018 12:17

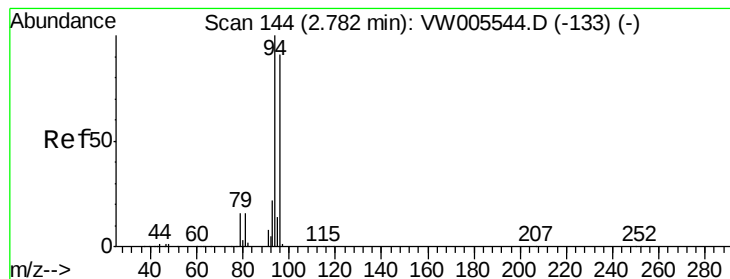
Tgt Ion: 62 Resp: 49059

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 20.996 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

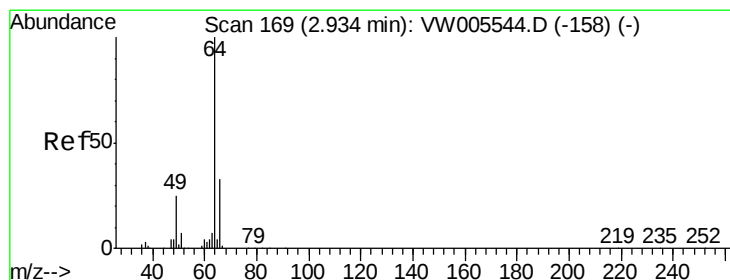
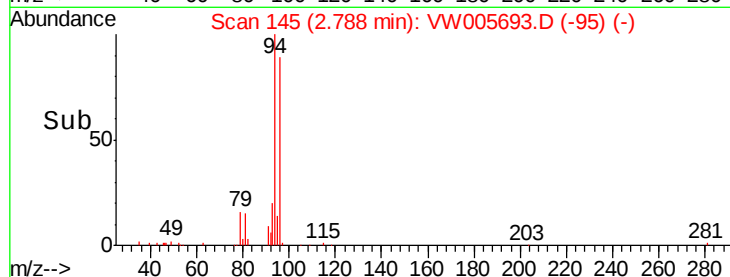
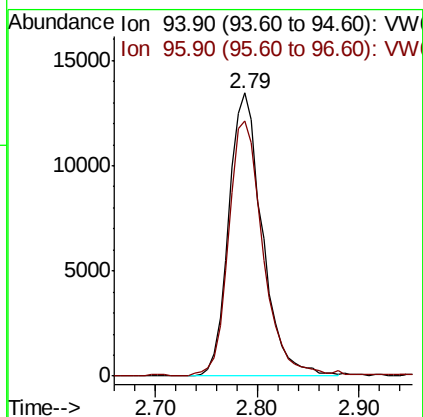
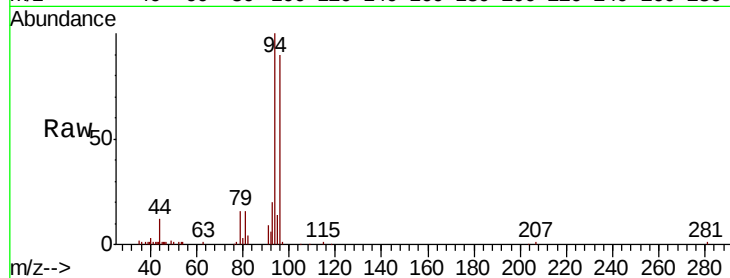
VW0927SBSD01

Tgt Ion: 94 Resp: 30631

Ion Ratio Lower Upper

94 100

96 90.2 73.1 109.7



#6

Chloroethane

Concen: 19.992 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005693.D

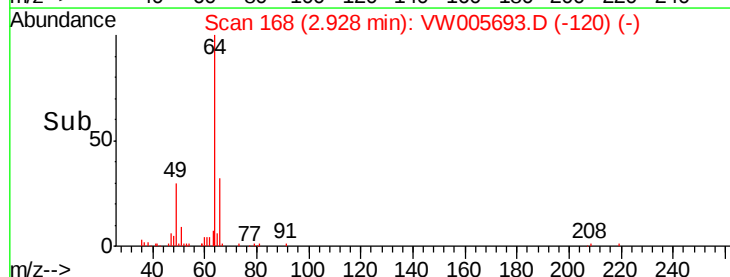
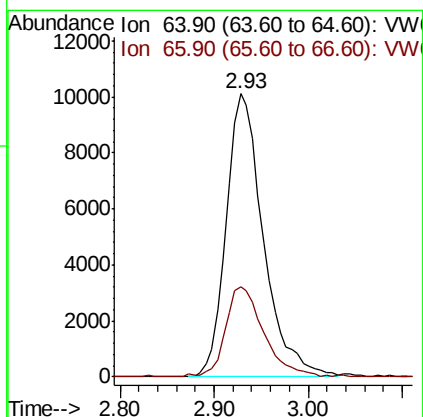
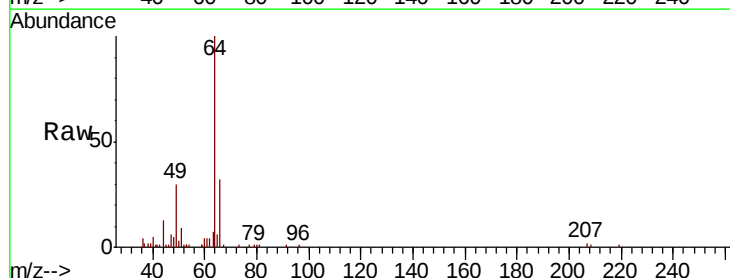
Acq: 27 Sep 2018 12:17

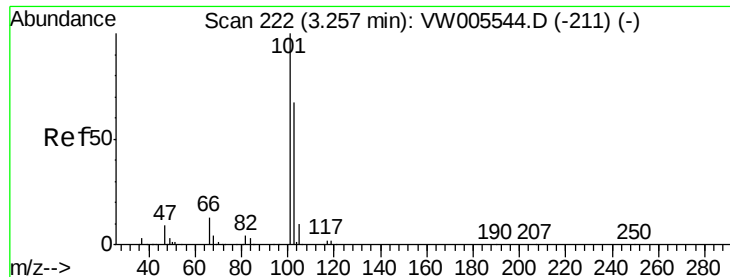
Tgt Ion: 64 Resp: 27693

Ion Ratio Lower Upper

64 100

66 31.3 26.0 39.0



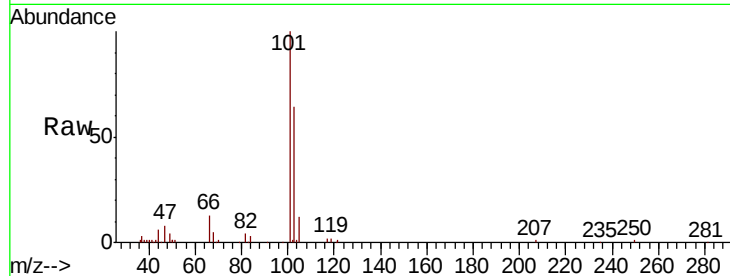


#7

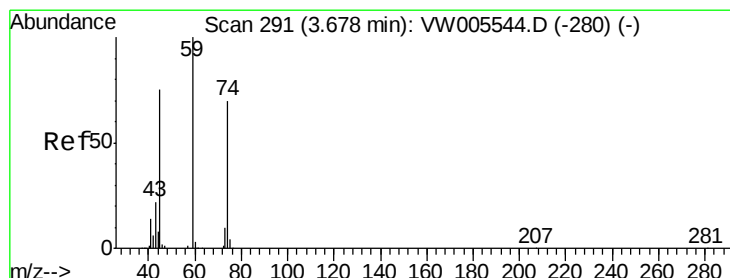
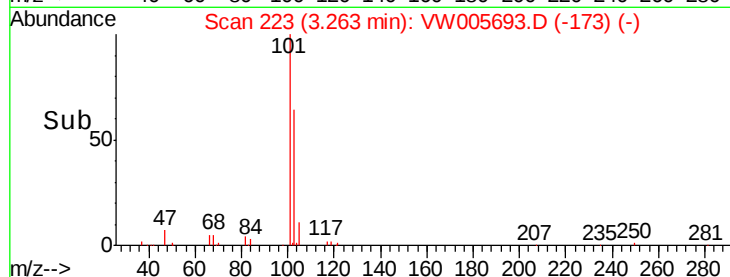
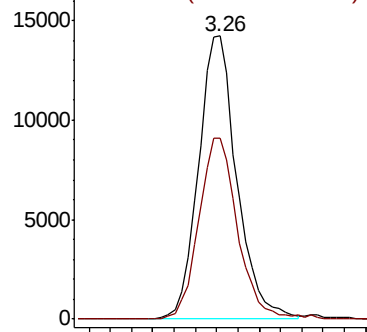
Trichlorofluoromethane
 Concen: 21.241 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
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 ClientSampleId :
 VW0927SBSD01

Tgt Ion:101 Resp: 35864
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.2 79.8



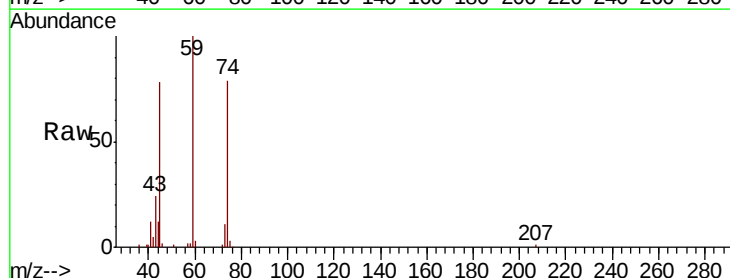
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



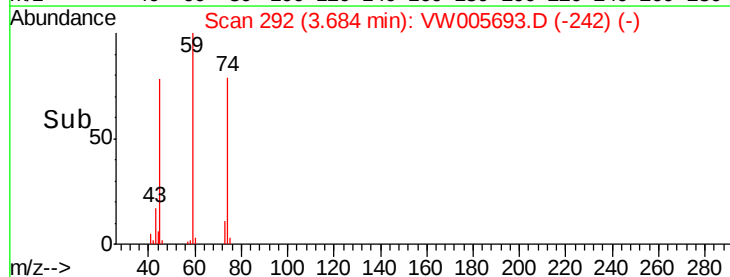
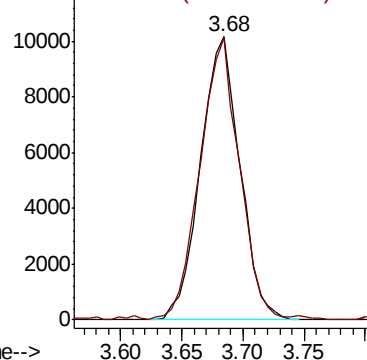
#8

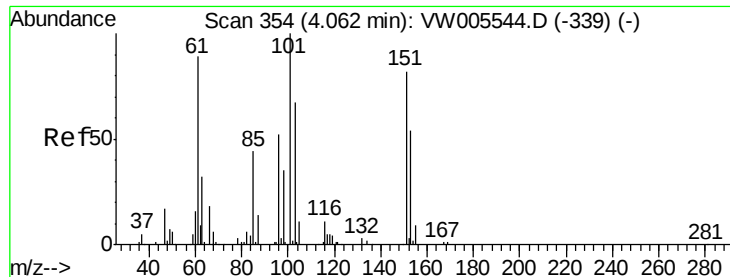
Diethyl Ether
 Concen: 20.662 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 74 Resp: 22789
 Ion Ratio Lower Upper
 74 100
 45 99.7 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.712 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

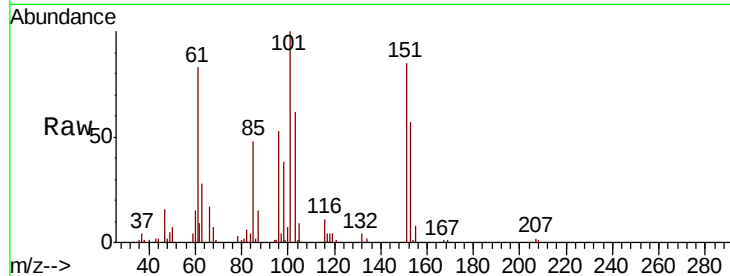
Tgt Ion:101 Resp: 46404

Ion Ratio Lower Upper

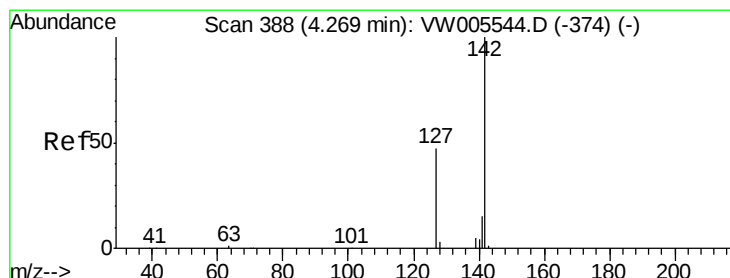
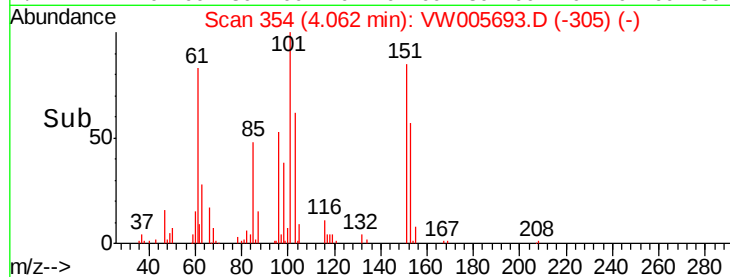
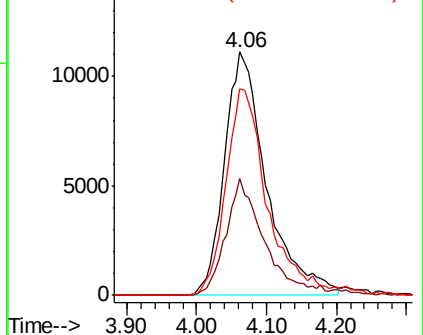
101 100

85 43.9 36.4 54.6

151 83.1 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.265 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

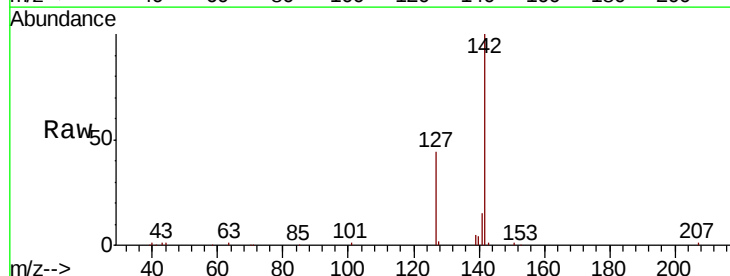
Tgt Ion:142 Resp: 69897

Ion Ratio Lower Upper

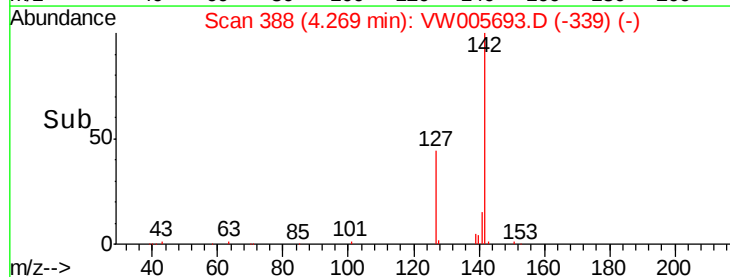
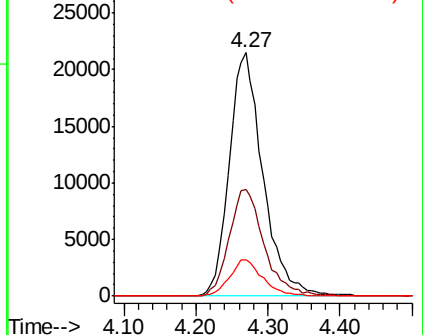
142 100

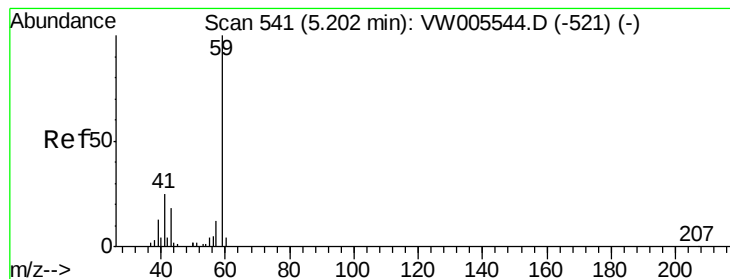
127 45.4 37.4 56.0

141 14.7 11.9 17.9



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: 97.849 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.02 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

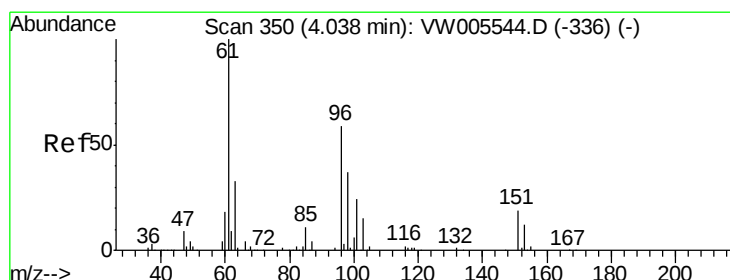
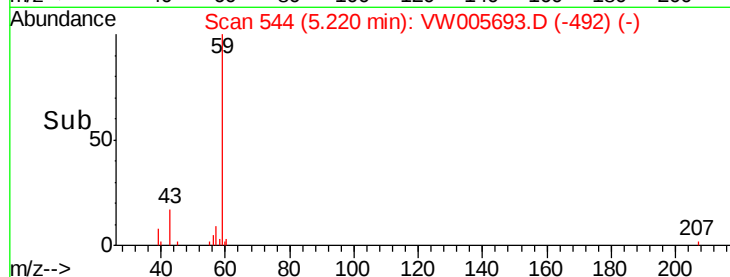
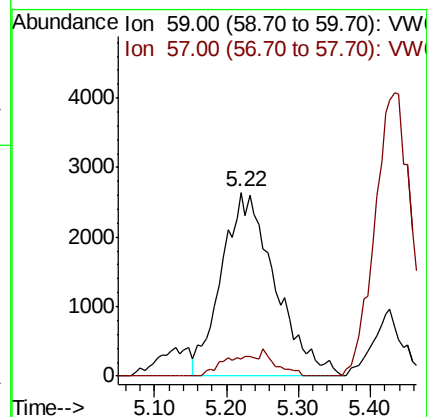
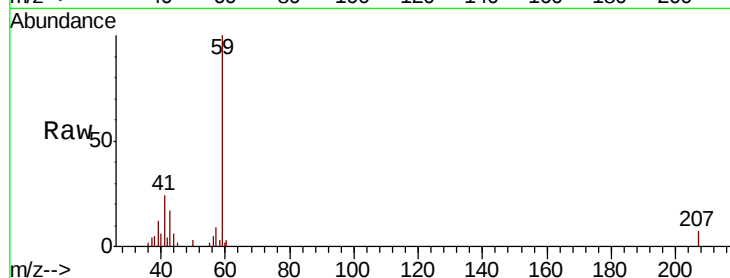
VW0927SBSD01

Tgt Ion: 59 Resp: 13569

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 21.077 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

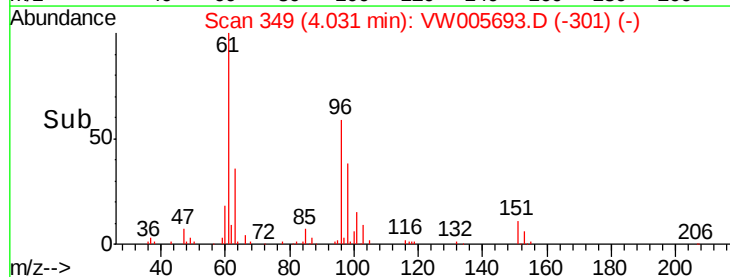
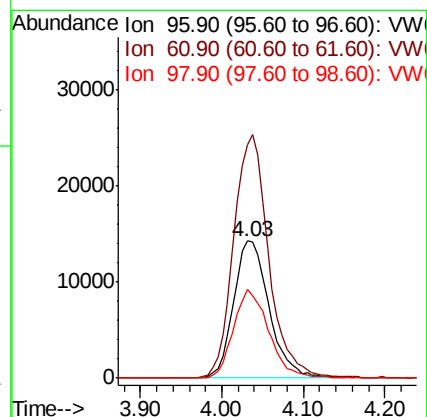
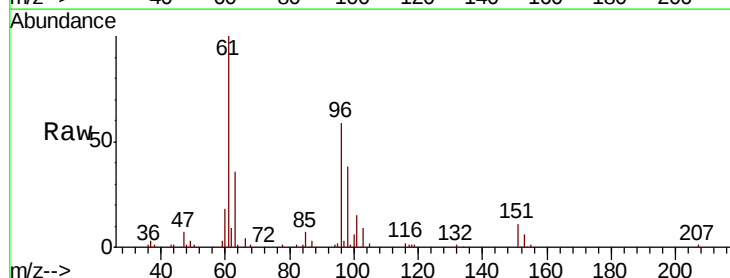
Tgt Ion: 96 Resp: 43127

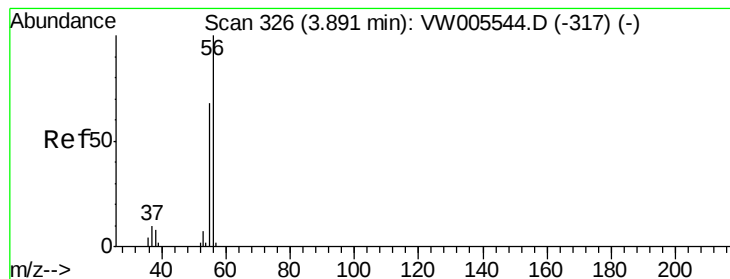
Ion Ratio Lower Upper

96 100

61 170.8 135.0 202.6

98 64.4 50.6 76.0





#13

Acrolein

Concen: 91.882 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

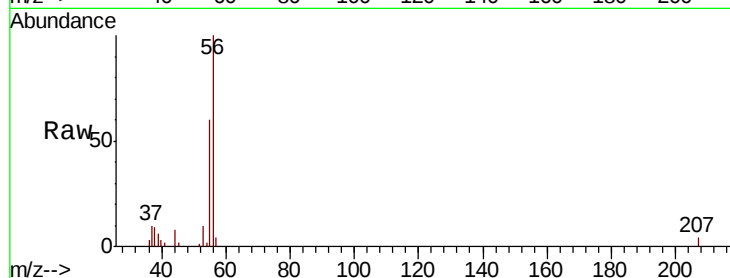
VW0927SBSD01

Tgt Ion: 56 Resp: 9534

Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.8

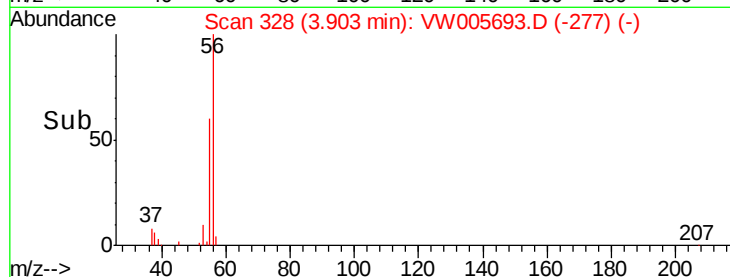


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

Time-->



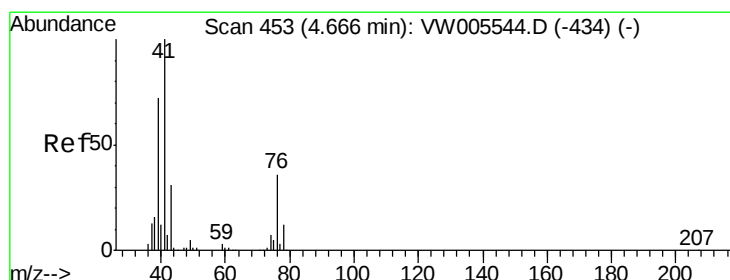
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

Time-->



#14

Allyl chloride

Concen: 20.509 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

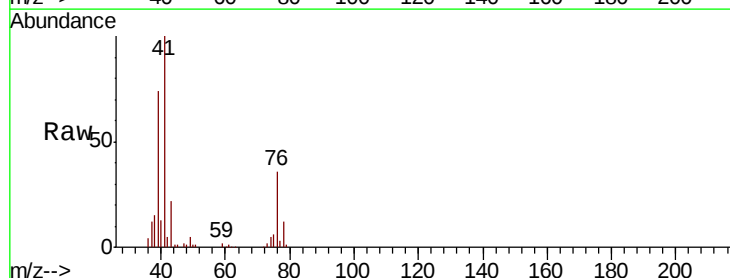
Tgt Ion: 41 Resp: 73238

Ion Ratio Lower Upper

41 100

39 72.1 59.6 89.4

76 35.3 27.7 41.5



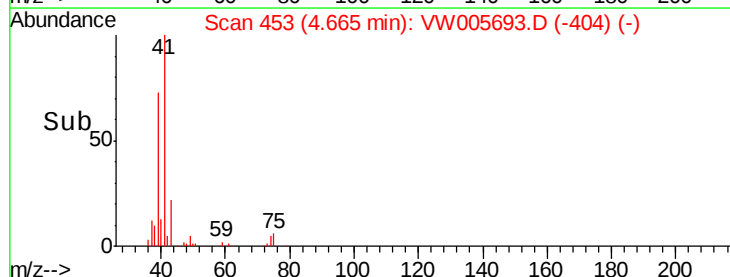
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

Time-->



Abundance

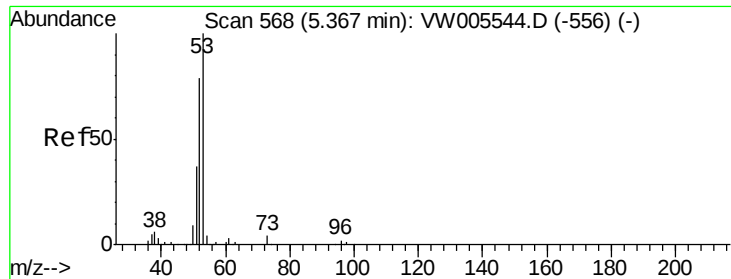
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

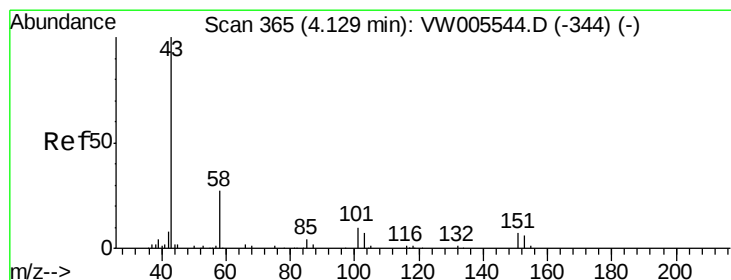
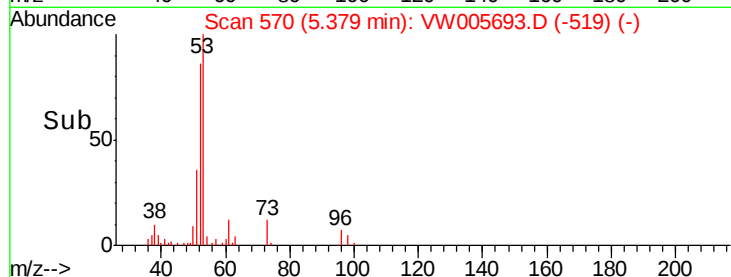
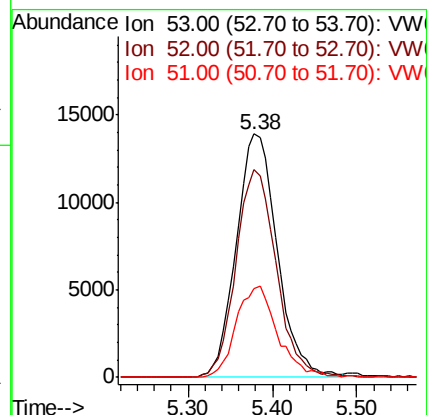
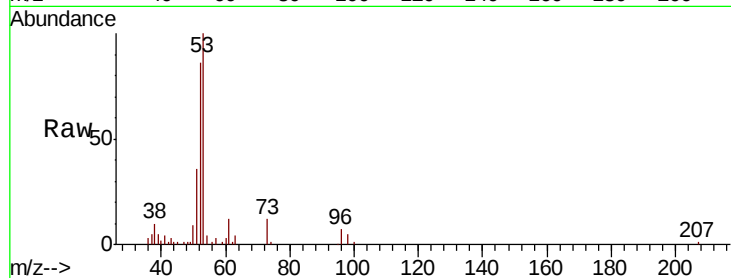
Time-->



#15
 Acrylonitrile
 Concen: 93.943 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

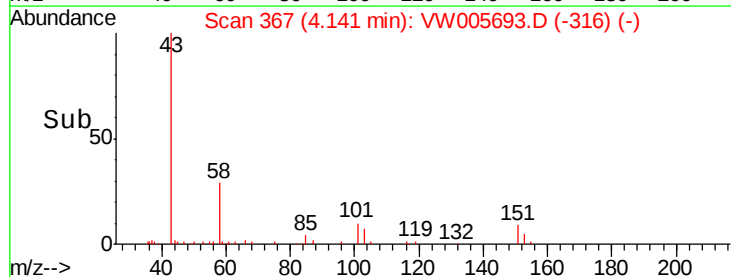
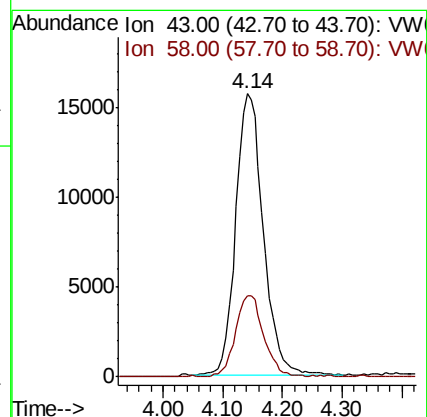
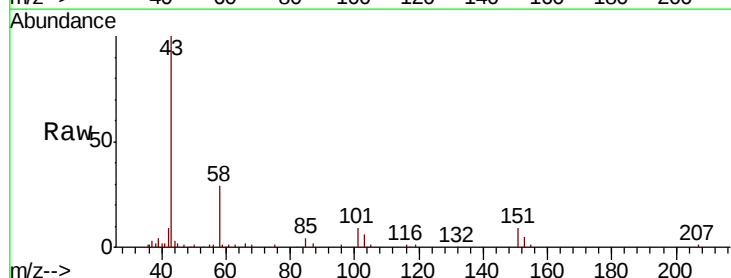
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

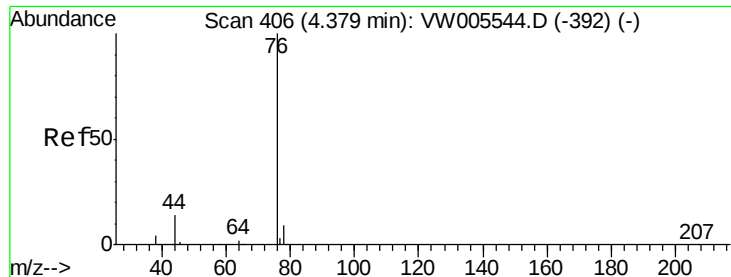
Tgt Ion: 53 Resp: 46003
 Ion Ratio Lower Upper
 53 100
 52 83.7 66.5 99.7
 51 38.0 30.6 46.0



#16
 Acetone
 Concen: 115.928 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 43 Resp: 50342
 Ion Ratio Lower Upper
 43 100
 58 28.9 21.8 32.8





#17

Carbon Disulfide

Concen: 21.003 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

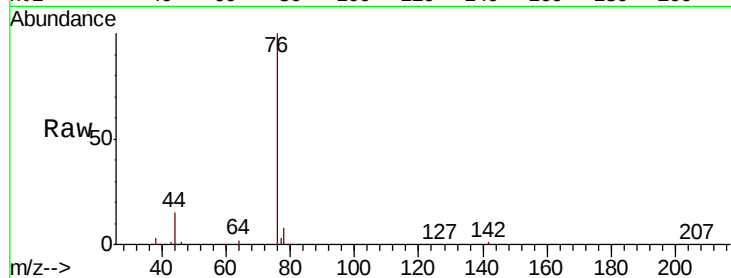
VW0927SBSD01

Tgt Ion: 76 Resp: 134276

Ion Ratio Lower Upper

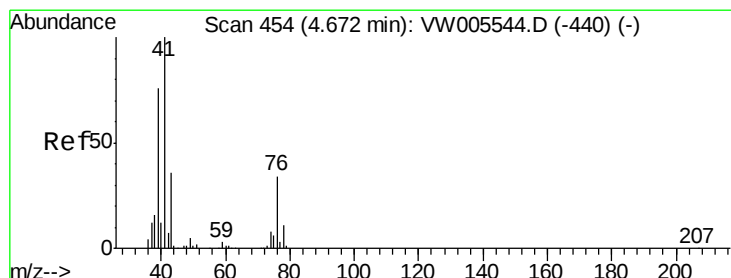
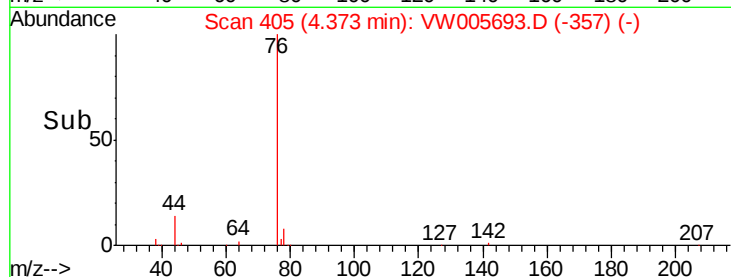
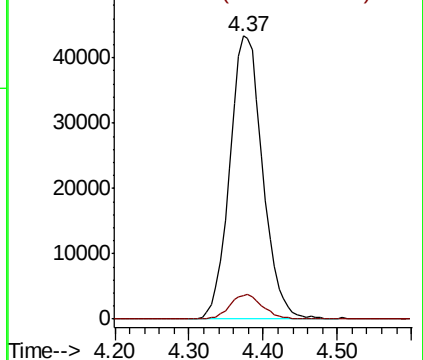
76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.560 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005693.D

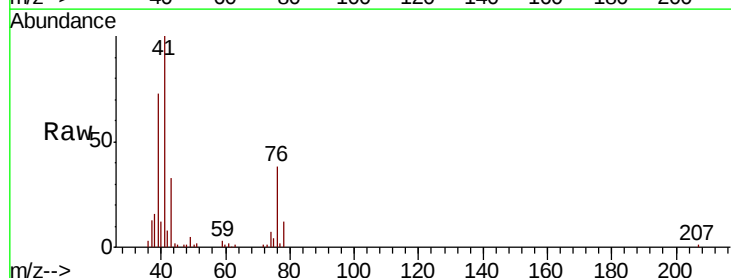
Acq: 27 Sep 2018 12:17

Tgt Ion: 43 Resp: 22028

Ion Ratio Lower Upper

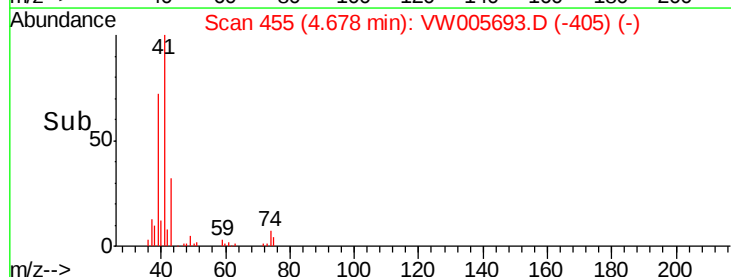
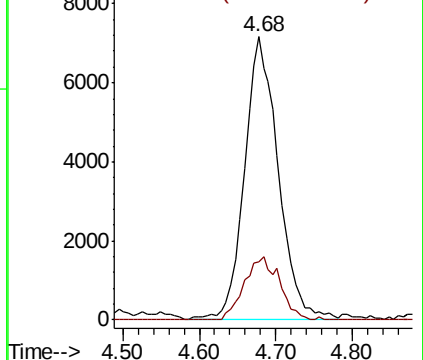
43 100

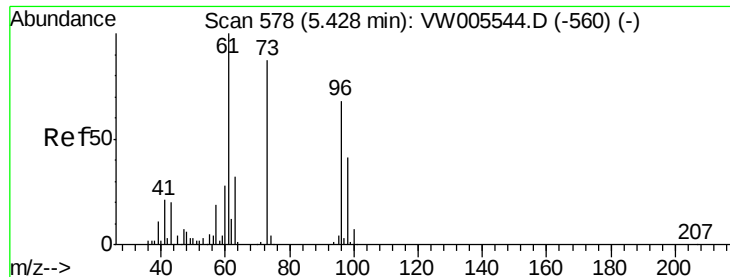
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 20.317 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

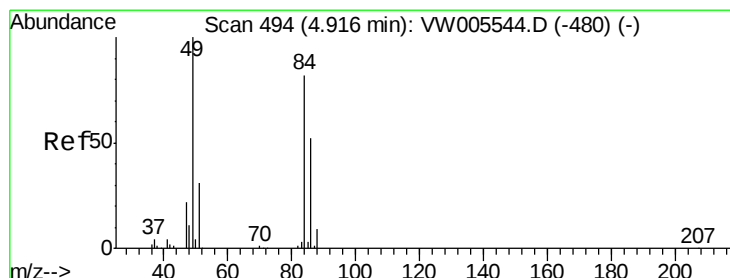
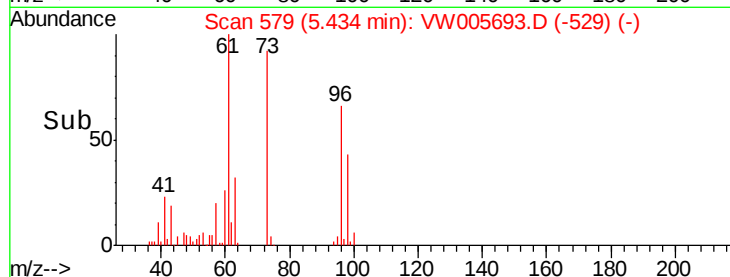
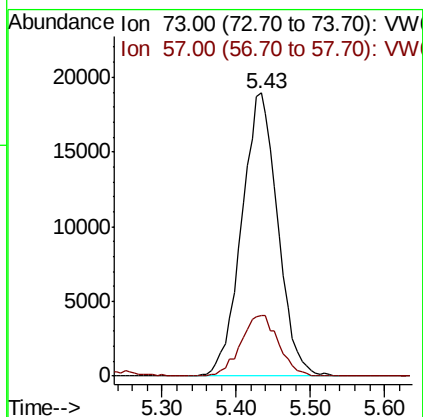
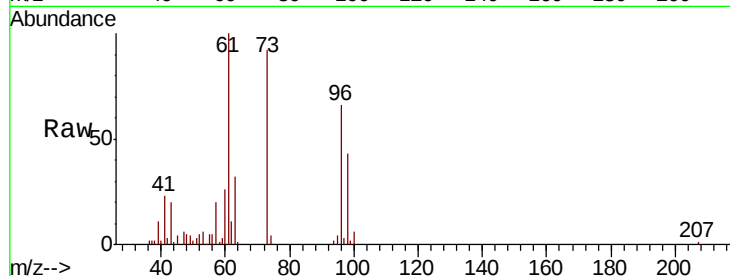
VW0927SBSD01

Tgt Ion: 73 Resp: 64165

Ion Ratio Lower Upper

73 100

57 21.5 17.6 26.4



#20

Methylene Chloride

Concen: 23.038 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion: 84 Resp: 56216

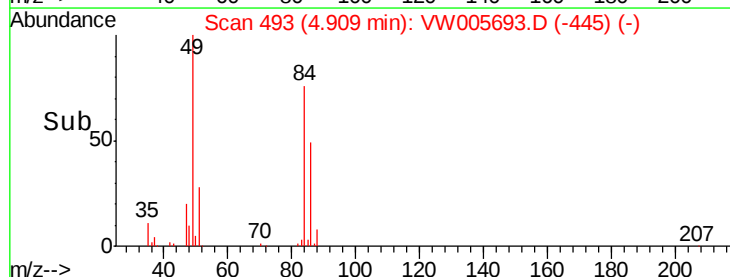
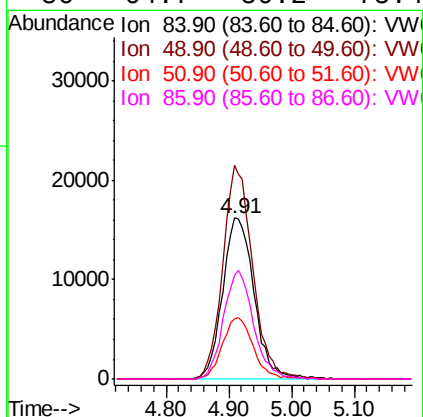
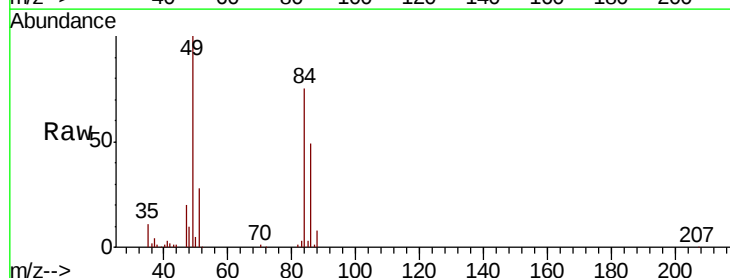
Ion Ratio Lower Upper

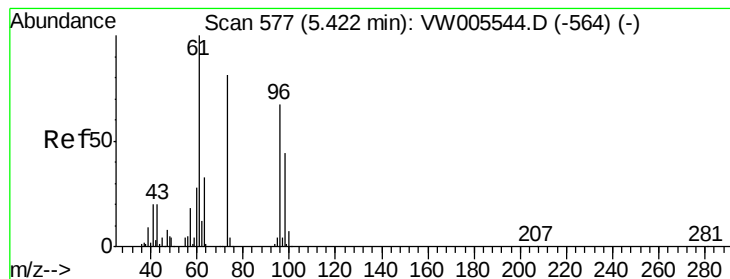
84 100

49 132.7 97.0 145.6

51 37.1 30.2 45.2

86 64.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.566 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

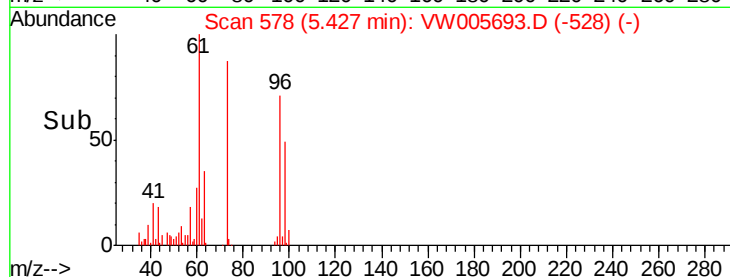
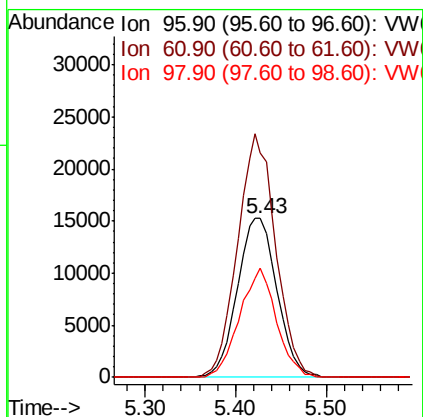
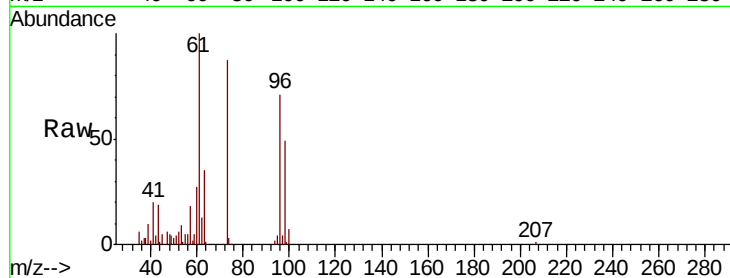
Tgt Ion: 96 Resp: 46092

Ion Ratio Lower Upper

96 100

61 141.1 118.9 178.3

98 69.1 52.1 78.1



#22

Diisopropyl ether

Concen: 20.347 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion: 45 Resp: 141051

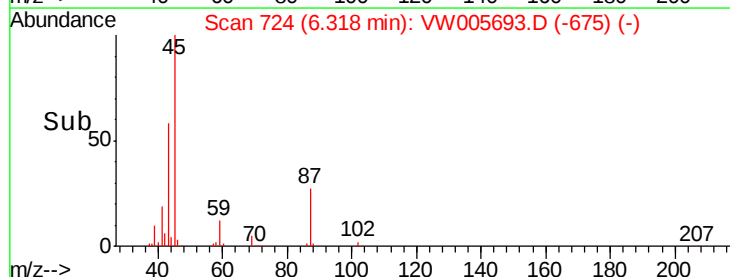
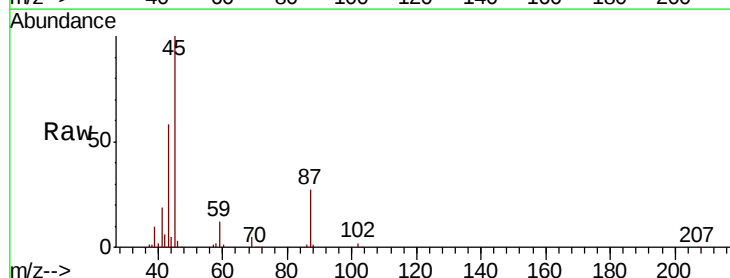
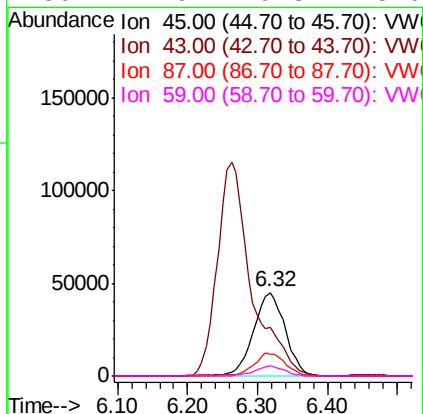
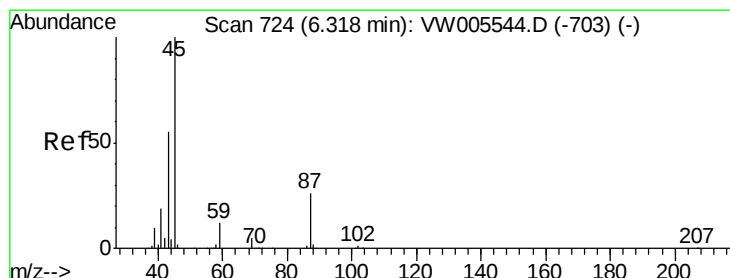
Ion Ratio Lower Upper

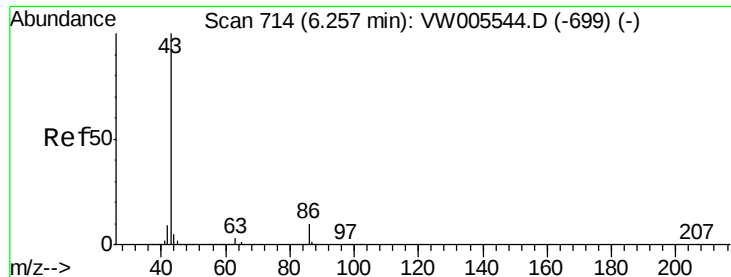
45 100

43 57.4 44.2 66.4

87 26.8 21.4 32.2

59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 98.228 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

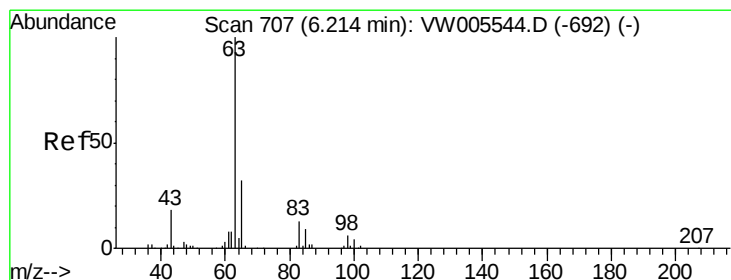
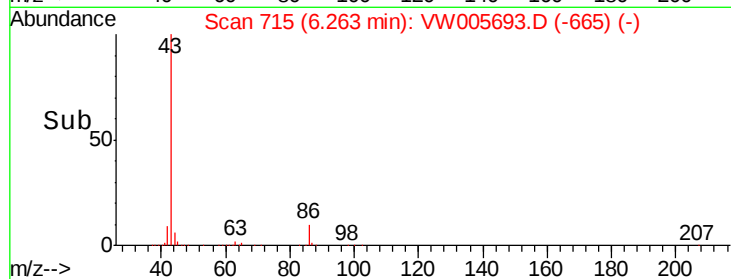
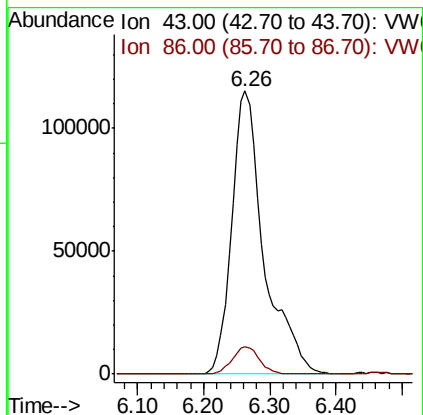
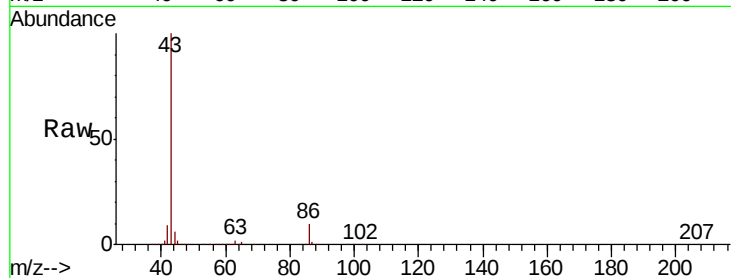
VW0927SBSD01

Tgt Ion: 43 Resp: 389195

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.357 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

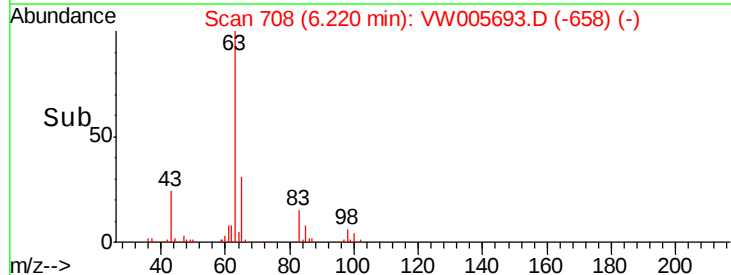
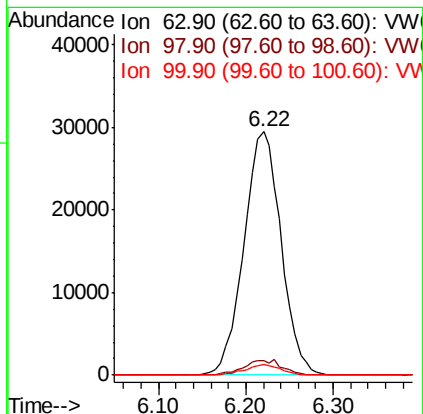
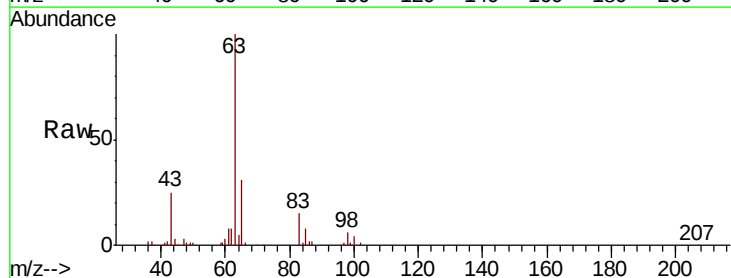
Tgt Ion: 63 Resp: 87187

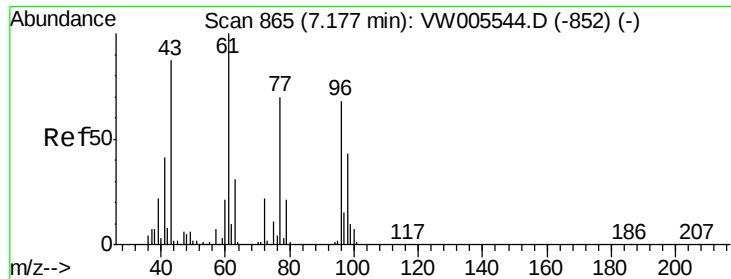
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 97.813 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

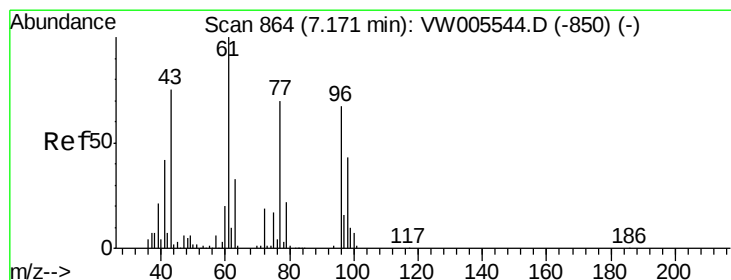
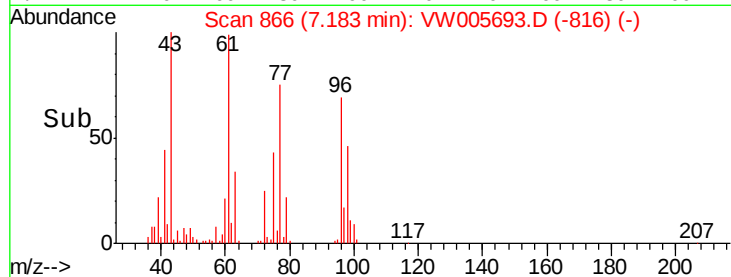
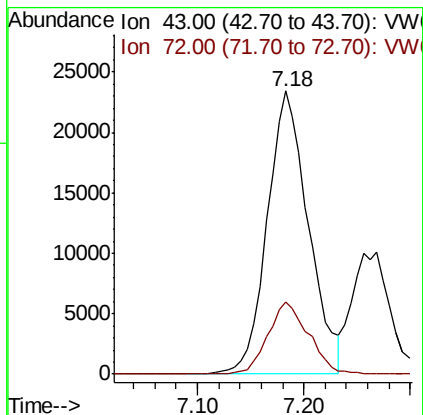
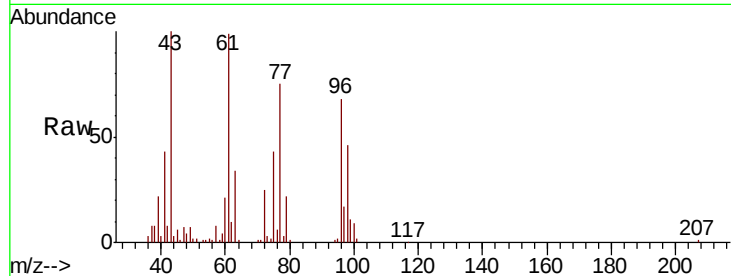
VW0927SBSD01

Tgt Ion: 43 Resp: 62877

Ion Ratio Lower Upper

43 100

72 25.4 19.9 29.9



#26

2,2-Dichloropropane

Concen: 21.777 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005693.D

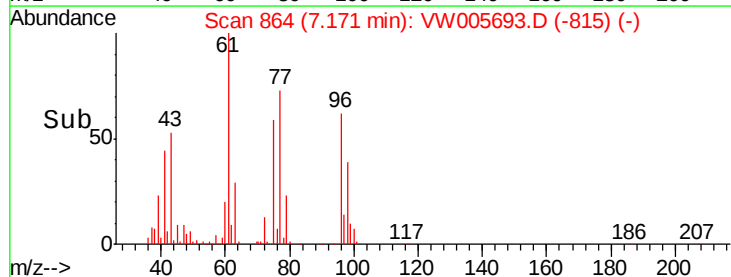
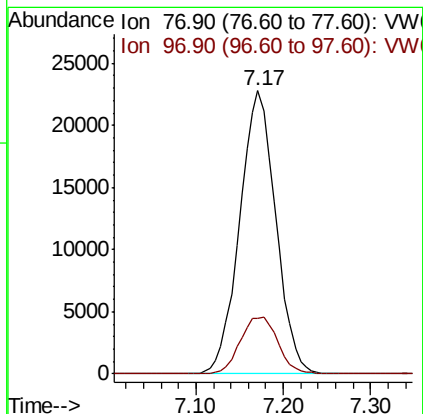
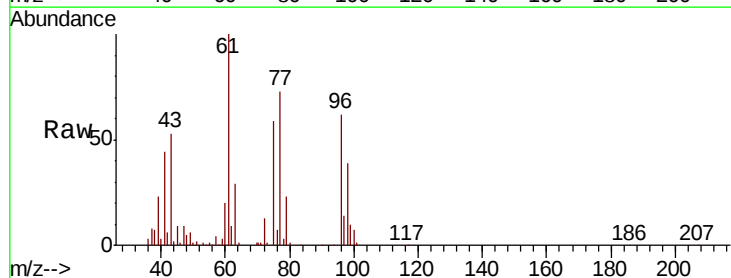
Acq: 27 Sep 2018 12:17

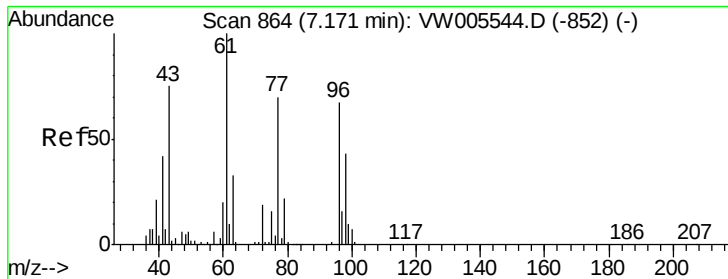
Tgt Ion: 77 Resp: 65115

Ion Ratio Lower Upper

77 100

97 20.9 11.0 33.0



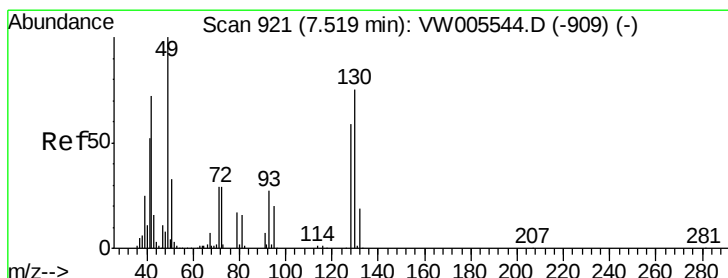
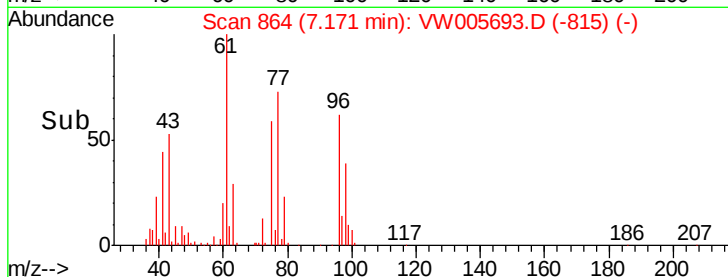
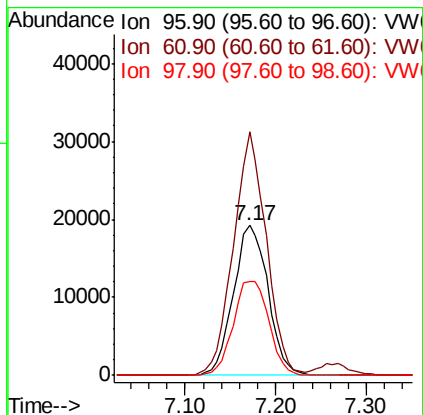
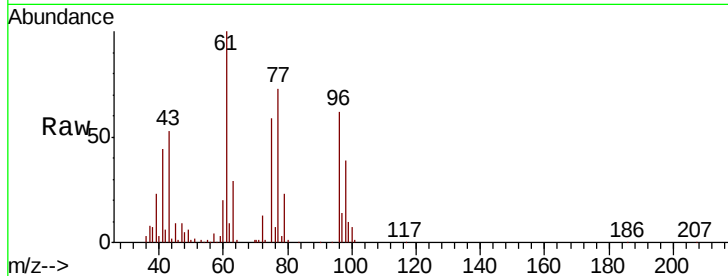


#27

cis-1,2-Dichloroethene
Concen: 20.546 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

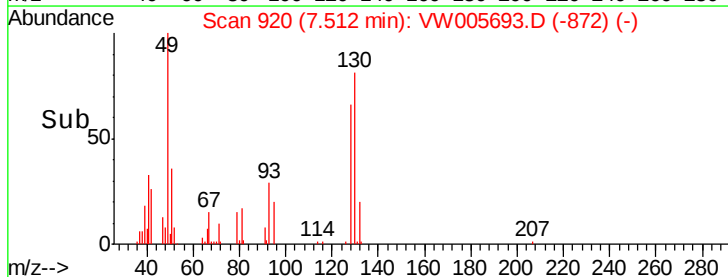
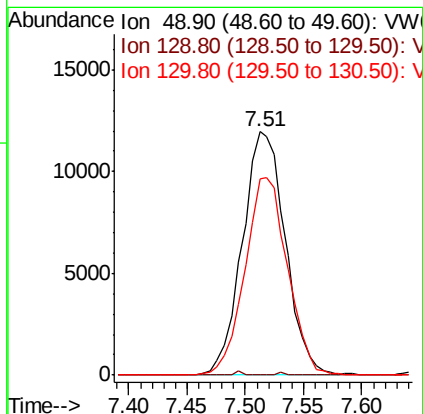
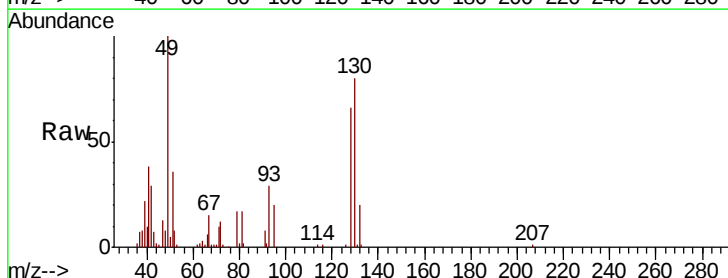
Tgt Ion: 96 Resp: 50788
Ion Ratio Lower Upper
96 100
61 154.2 0.0 303.4
98 64.8 0.0 127.2

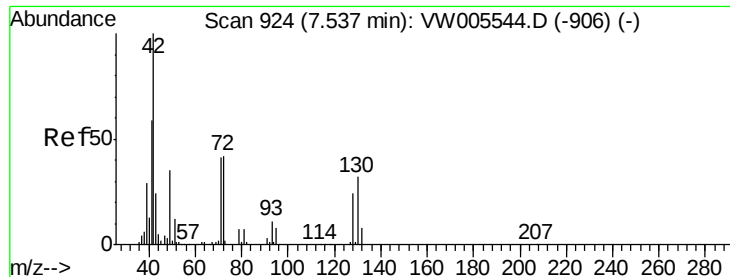


#28

Bromochloromethane
Concen: 18.118 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 49 Resp: 30738
Ion Ratio Lower Upper
49 100
129 0.2 0.0 1.4
130 80.4 61.3 91.9

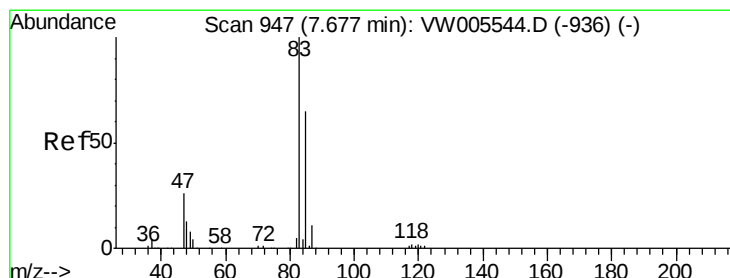
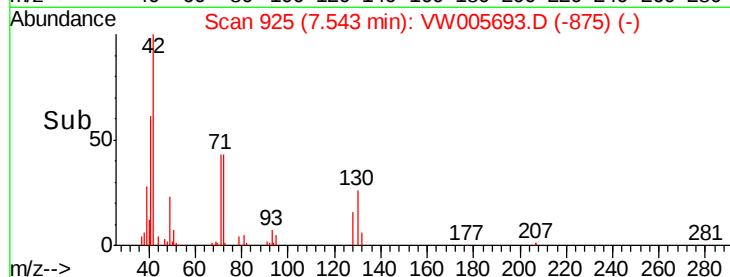
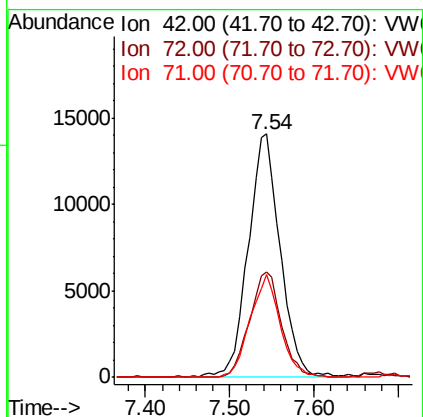
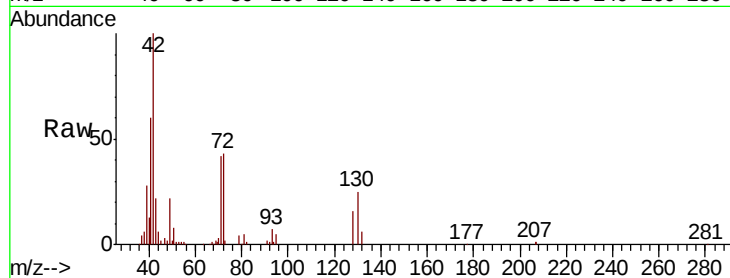




#29
Tetrahydrofuran
Concen: 90.302 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

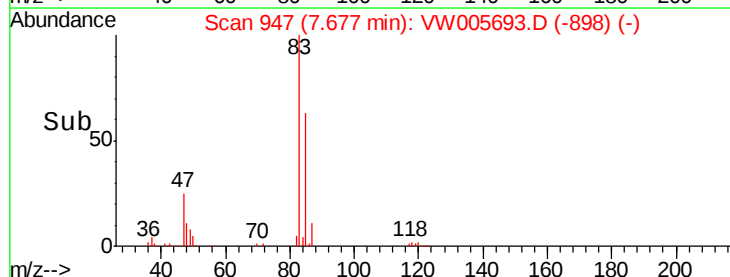
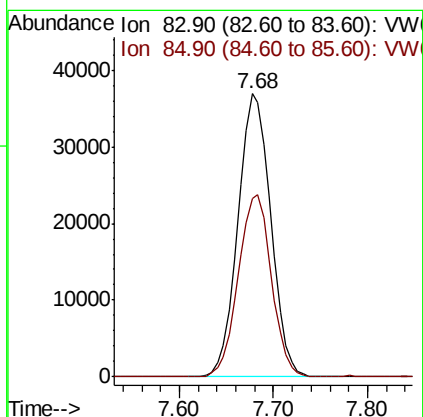
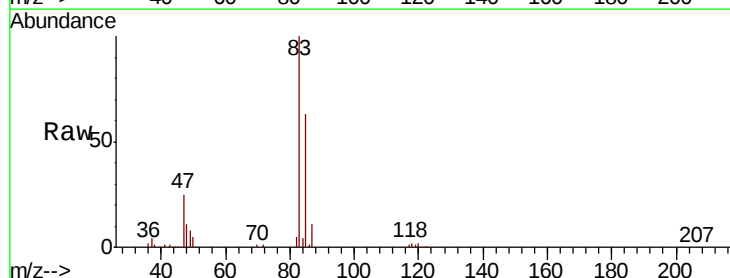
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

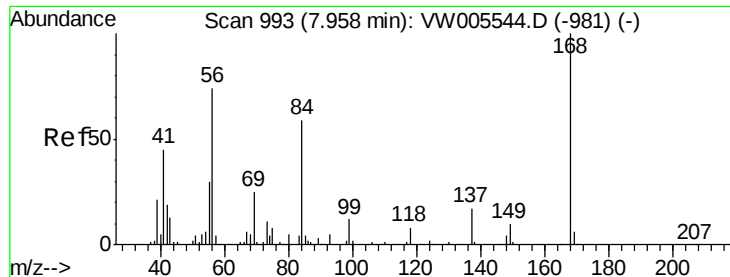
Tgt Ion: 42 Resp: 36265
Ion Ratio Lower Upper
42 100
72 43.3 33.6 50.4
71 39.7 31.8 47.6



#30
Chloroform
Concen: 20.363 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 83 Resp: 90040
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6

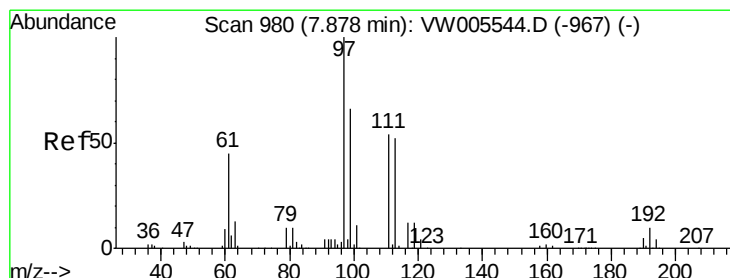
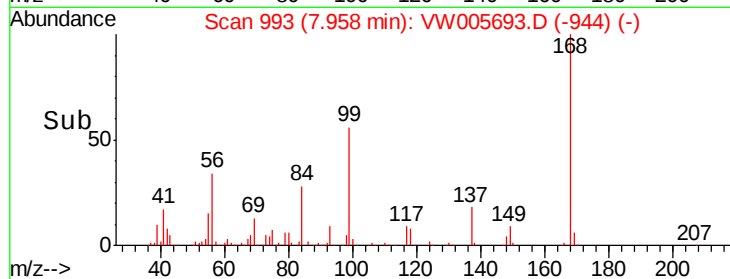
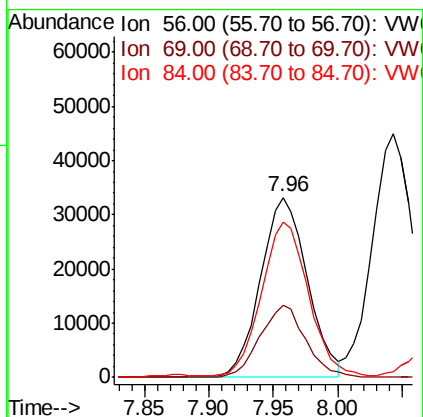
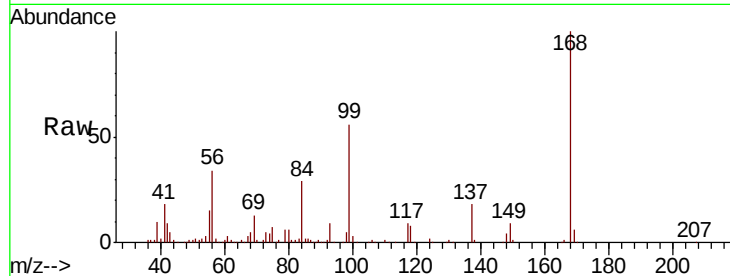




#31
Cyclohexane
Concen: 20.327 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

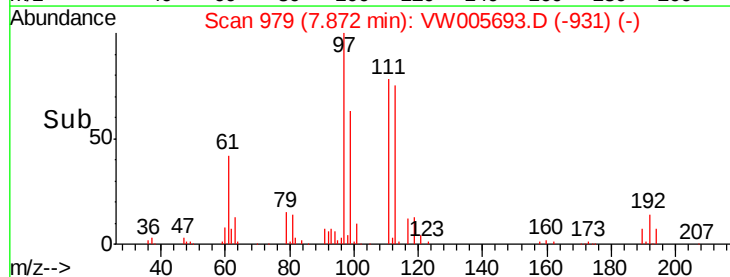
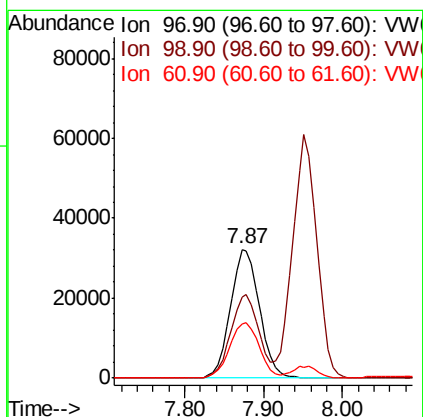
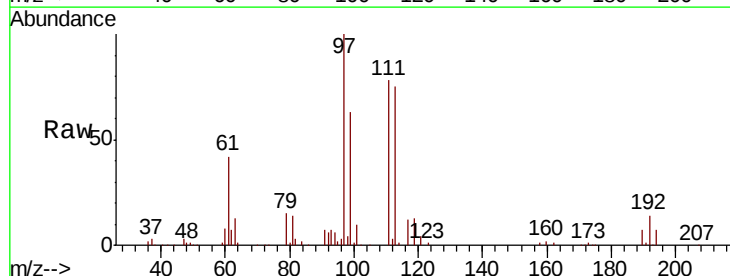
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

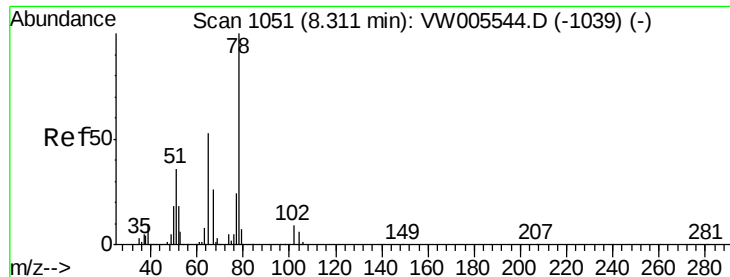
Tgt Ion: 56 Resp: 83408
Ion Ratio Lower Upper
56 100
69 39.9 27.0 40.4
84 85.5 64.2 96.4



#32
1,1,1-Trichloroethane
Concen: 21.080 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 97 Resp: 82342
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.6
61 44.1 36.2 54.2

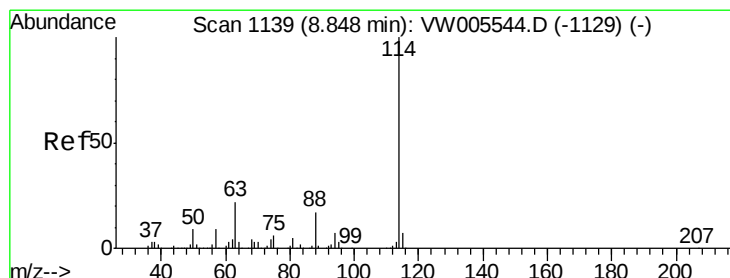
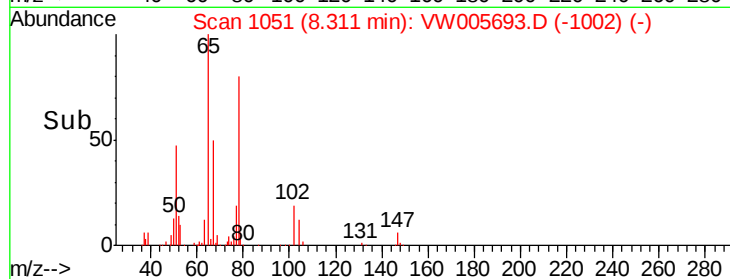
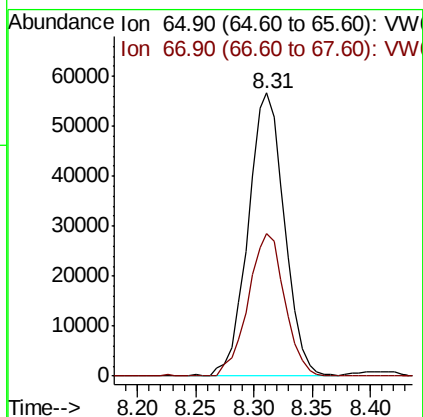
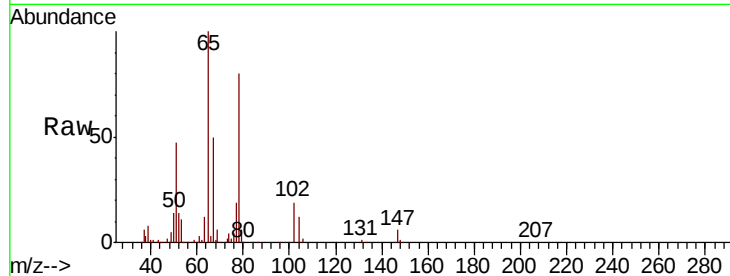




#33
 1,2-Dichloroethane-d4
 Concen: 46.498 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

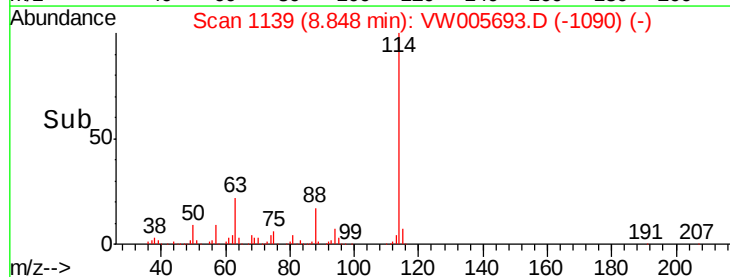
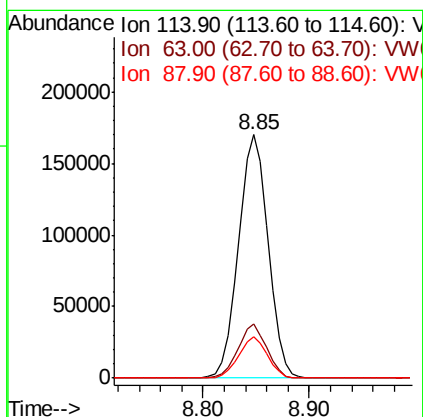
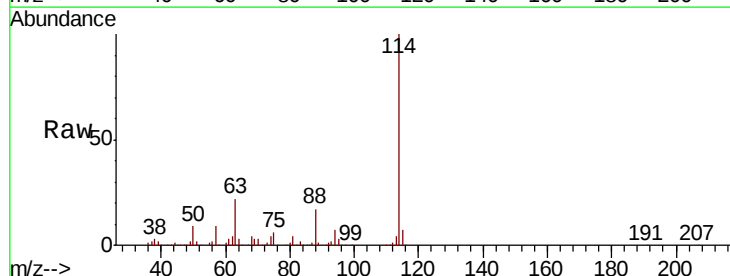
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

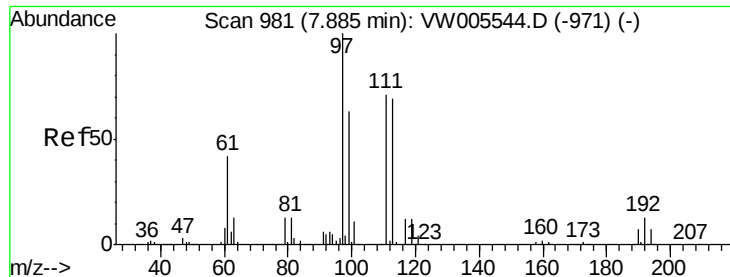
Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.0
88	16.8	0.0	33.0

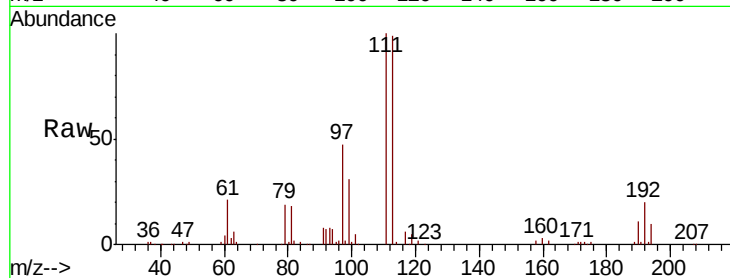




#35
 Dibromofluoromethane
 Concen: 50.818 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	21.1	17.0	25.4

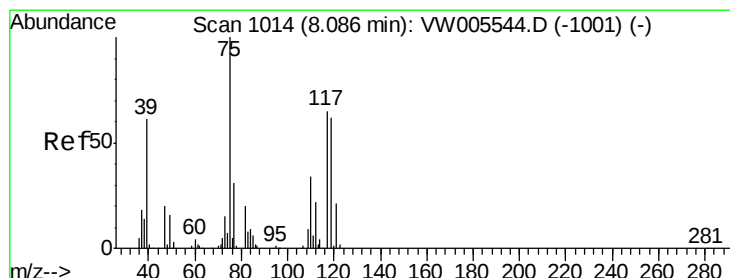
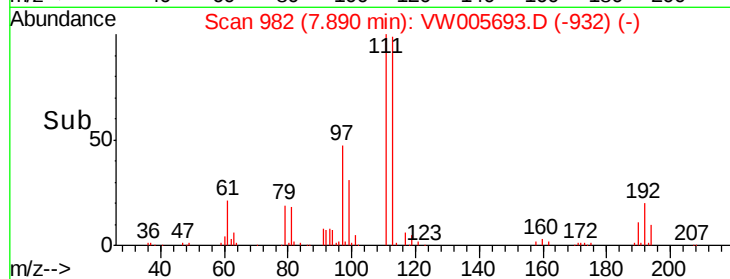
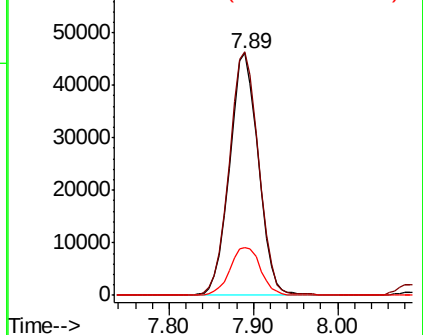


Abundance

Ion 112.80 (112.50 to 113.50): V

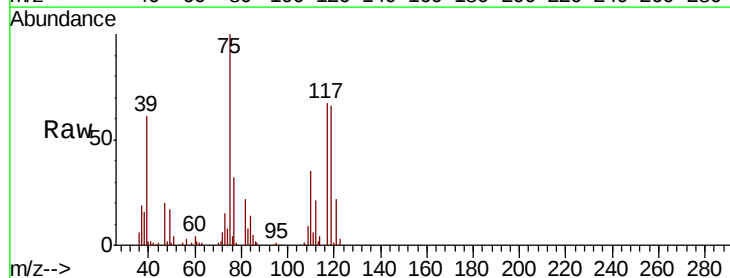
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.322 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.0	50.9
77	32.2	24.8	37.2

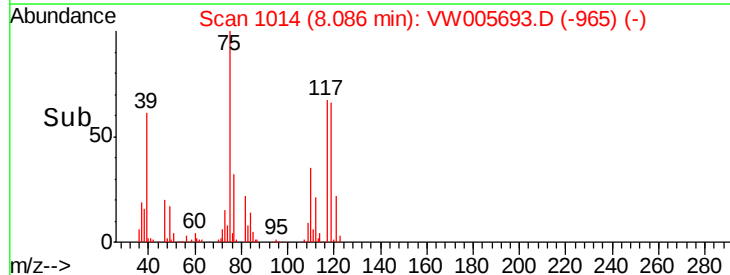
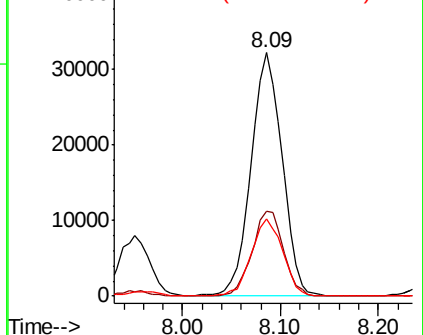


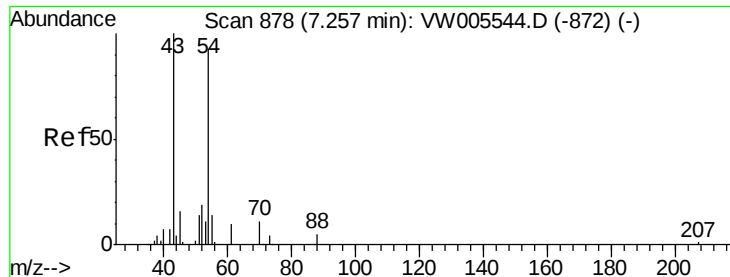
Abundance

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

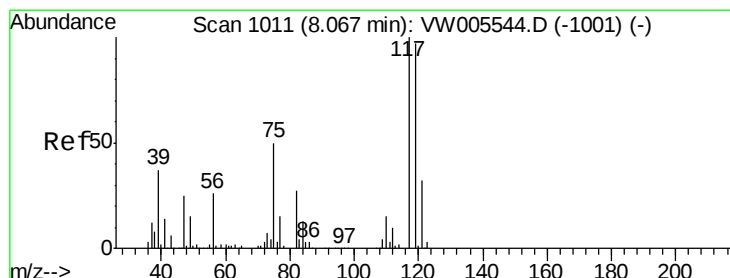
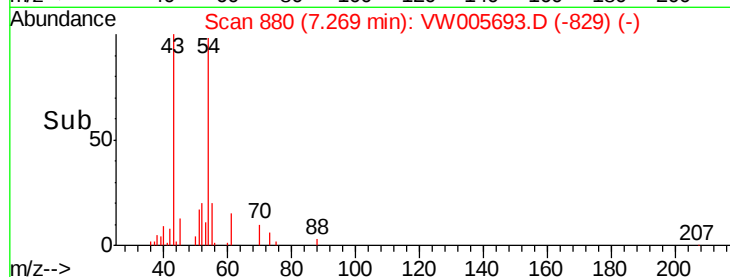
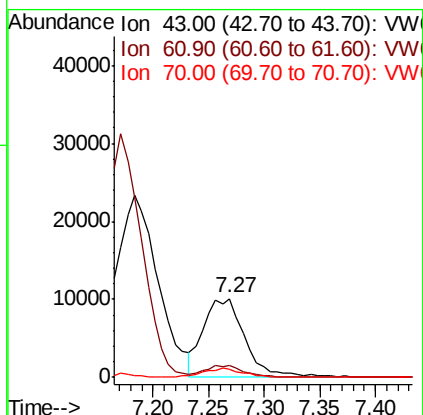
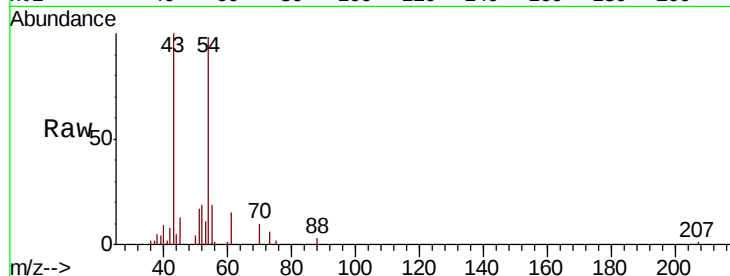




#37
Ethyl Acetate
Concen: 18.140 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

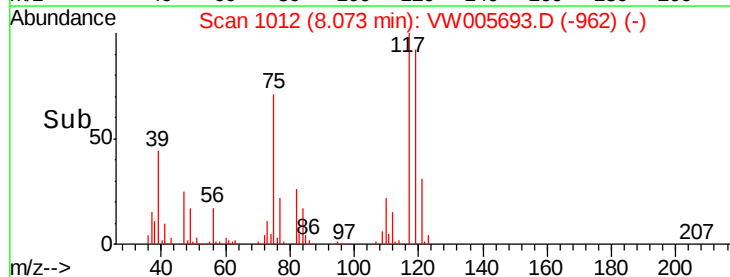
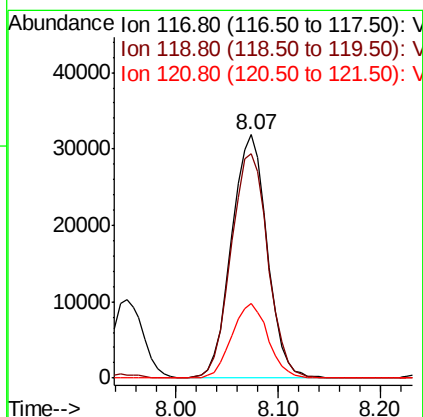
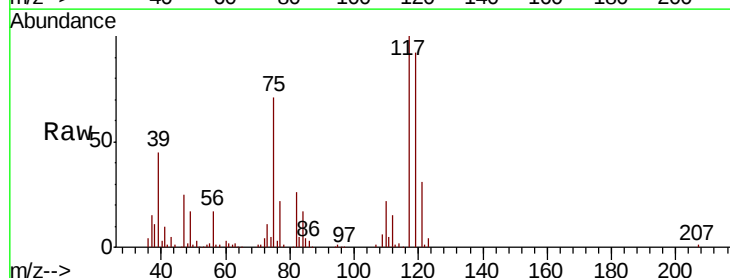
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

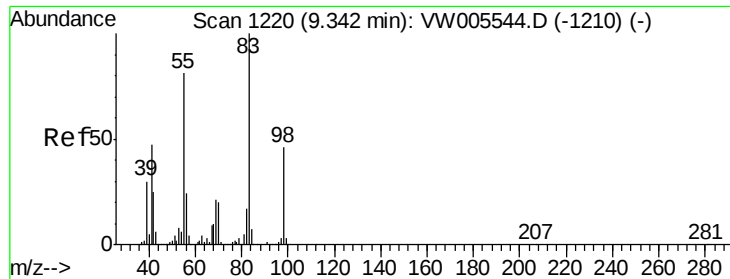
Tgt Ion: 43 Resp: 25526
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 11.4 8.2 12.2



#38
Carbon Tetrachloride
Concen: 21.512 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 117 Resp: 77083
Ion Ratio Lower Upper
117 100
119 92.0 77.6 116.4
121 30.8 25.7 38.5





#39

Methylcyclohexane

Concen: 21.547 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

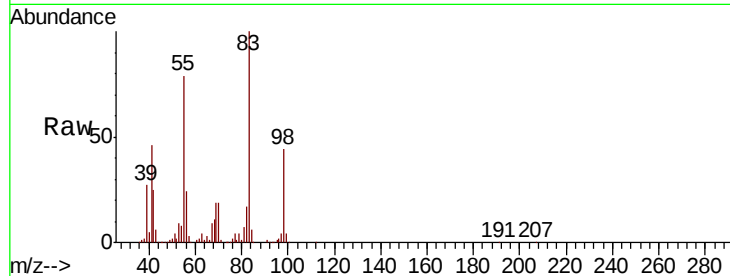
Tgt Ion: 83 Resp: 85006

Ion Ratio Lower Upper

83 100

55 79.4 64.6 97.0

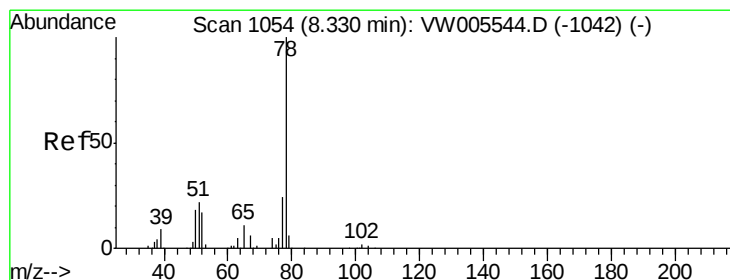
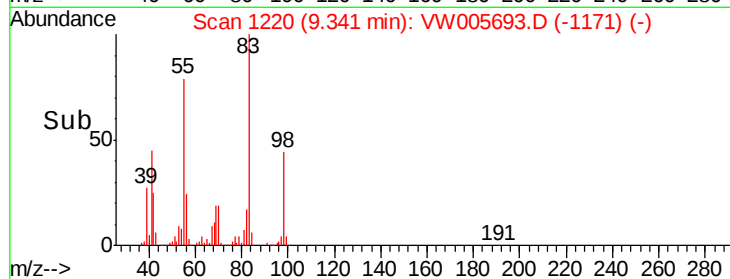
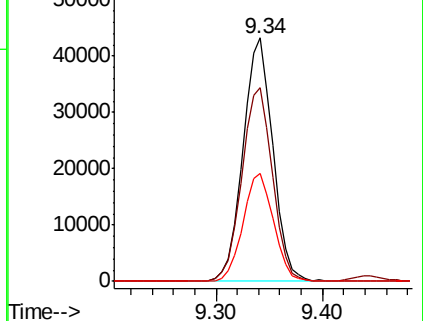
98 44.4 37.0 55.6



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 21.122 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005693.D

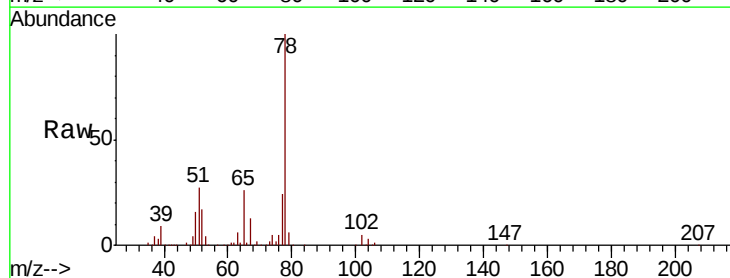
Acq: 27 Sep 2018 12:17

Tgt Ion: 78 Resp: 200121

Ion Ratio Lower Upper

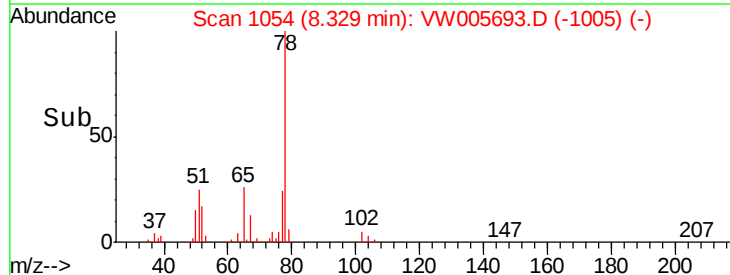
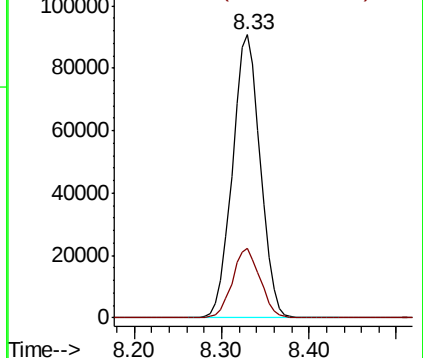
78 100

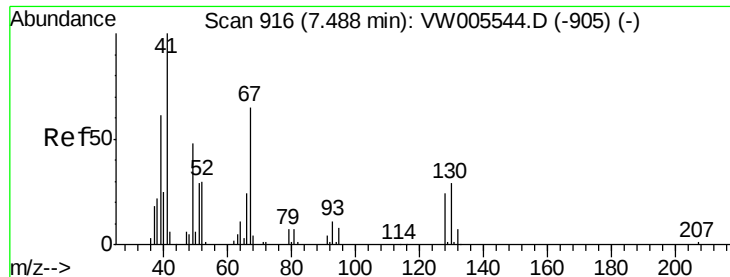
77 24.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 19.908 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

Tgt Ion: 41 Resp: 15942

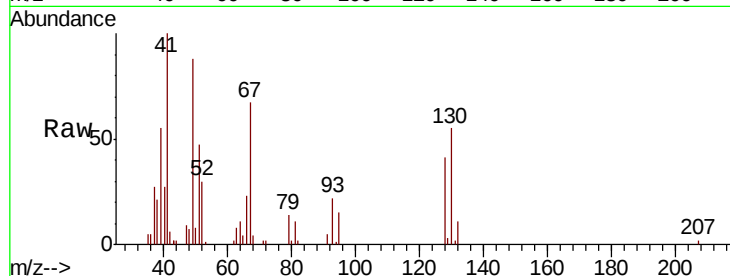
Ion Ratio Lower Upper

41 100

39 57.2 45.4 68.2

67 69.1 55.2 82.8

52 31.1 25.3 37.9

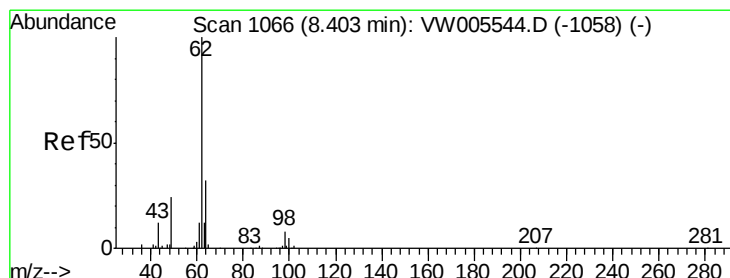
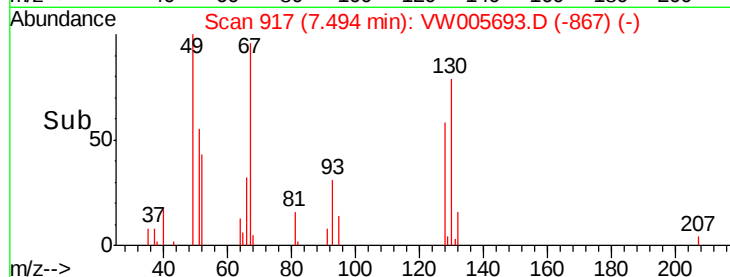
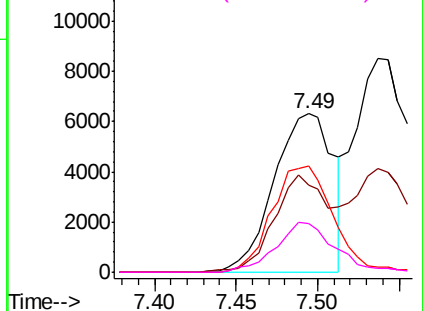


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.269 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005693.D

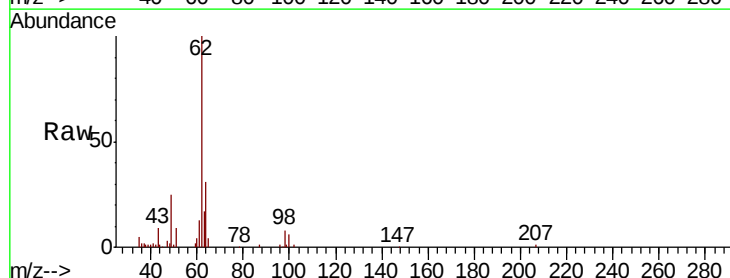
Acq: 27 Sep 2018 12:17

Tgt Ion: 62 Resp: 61484

Ion Ratio Lower Upper

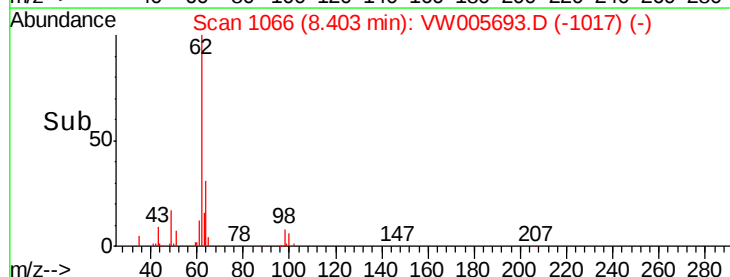
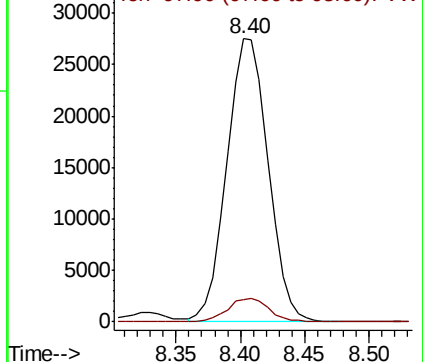
62 100

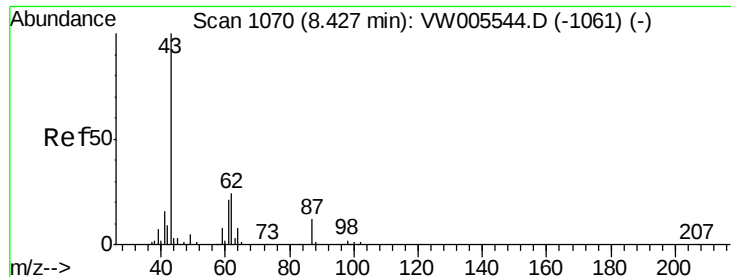
98 8.3 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.975 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

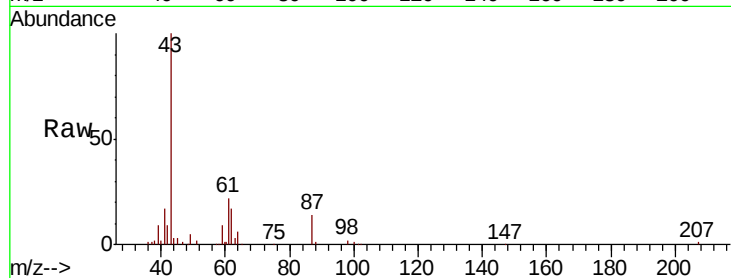
Tgt Ion: 43 Resp: 52499

Ion Ratio Lower Upper

43 100

61 32.2 24.1 36.1

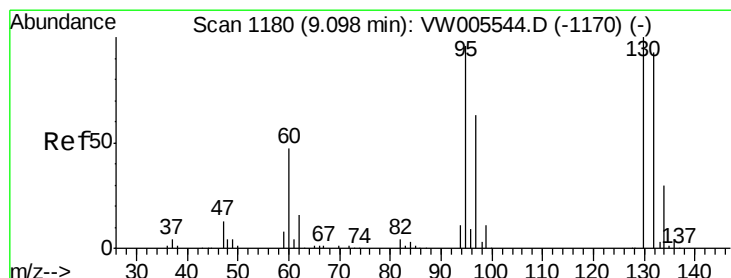
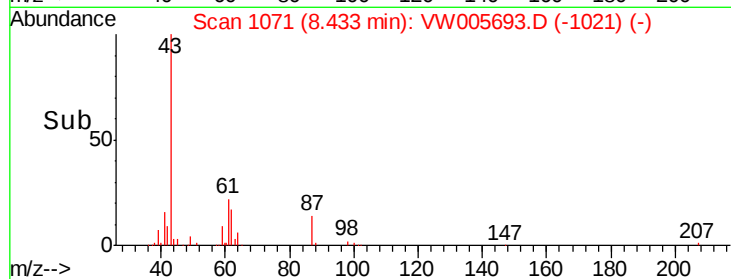
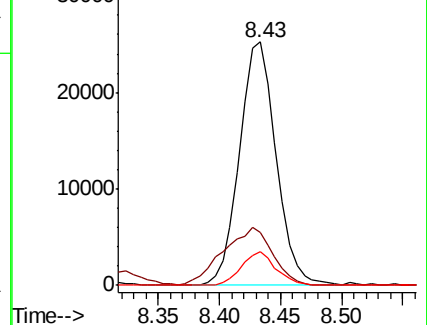
87 12.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.250 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005693.D

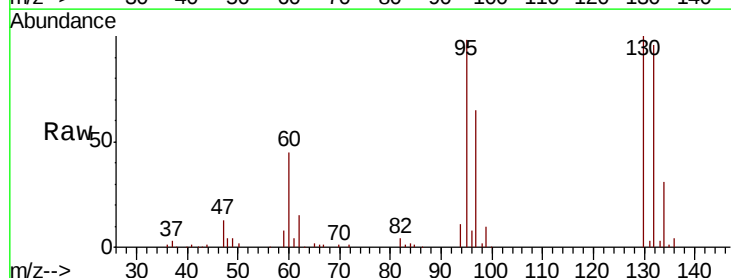
Acq: 27 Sep 2018 12:17

Tgt Ion: 130 Resp: 51533

Ion Ratio Lower Upper

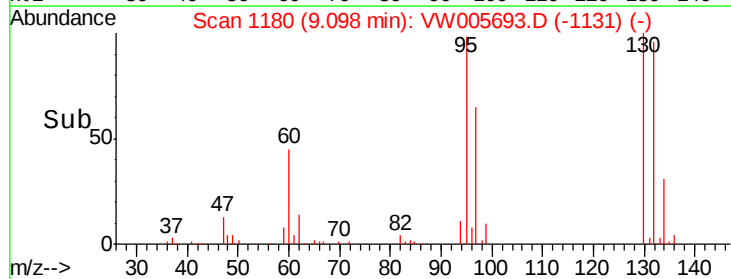
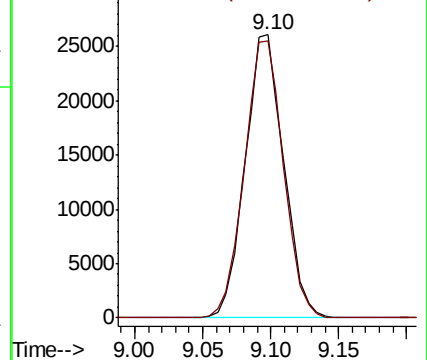
130 100

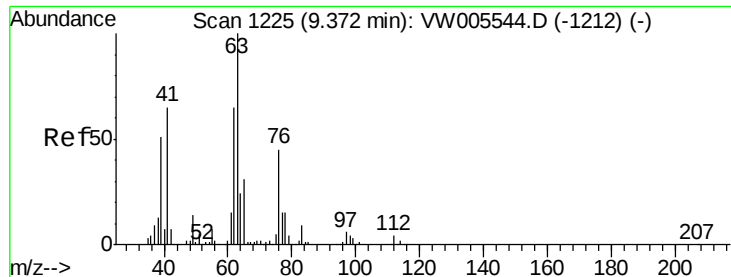
95 97.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

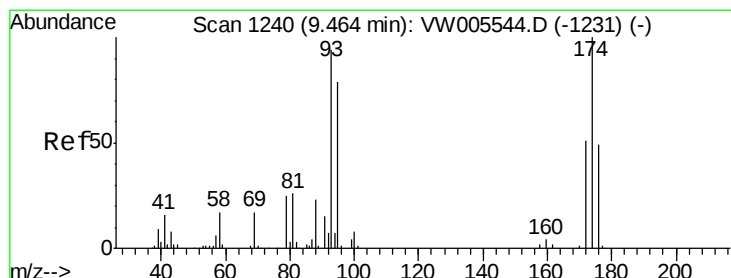
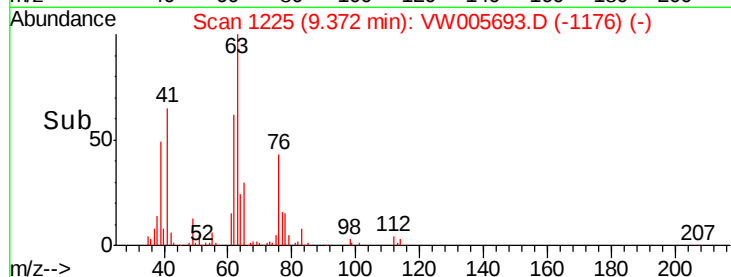
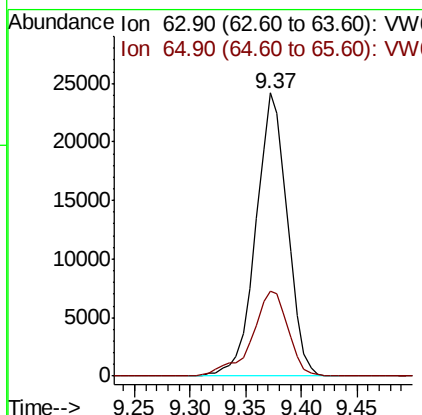
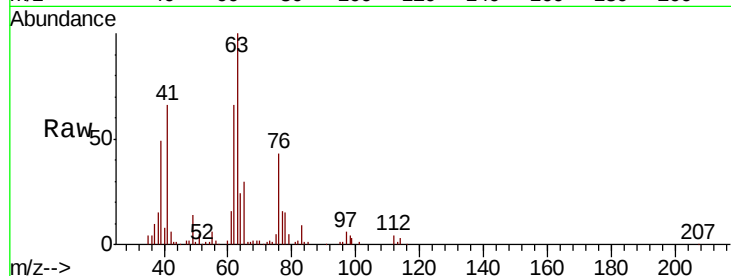




#45
 1,2-Dichloropropane
 Concen: 20.439 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

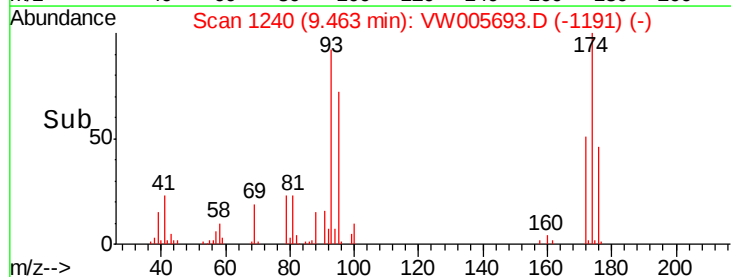
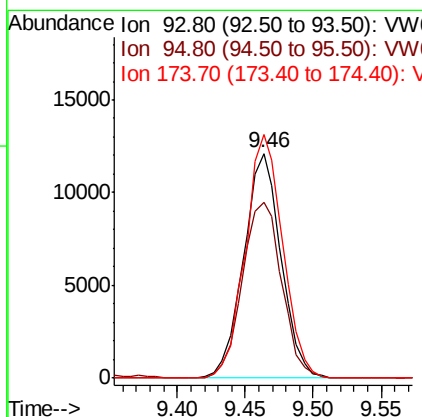
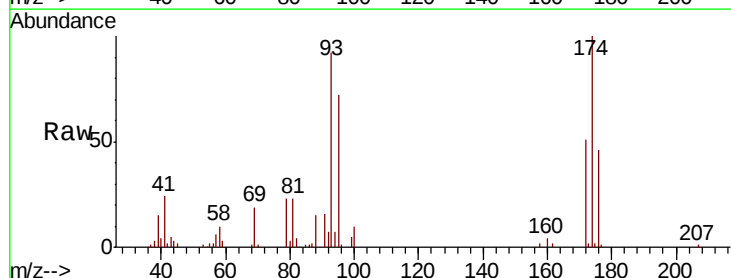
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0927SBSD01

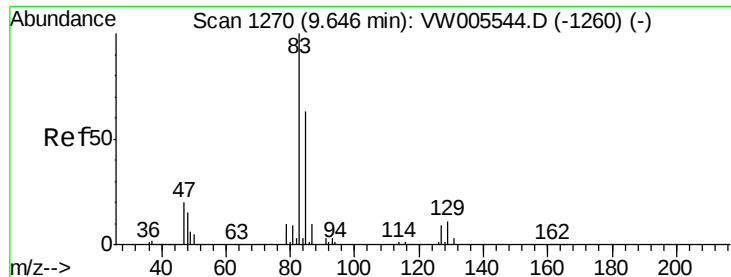
Tgt Ion: 63 Resp: 47642
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1



#46
 Dibromomethane
 Concen: 20.007 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 93 Resp: 23301
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 108.3 84.0 126.0

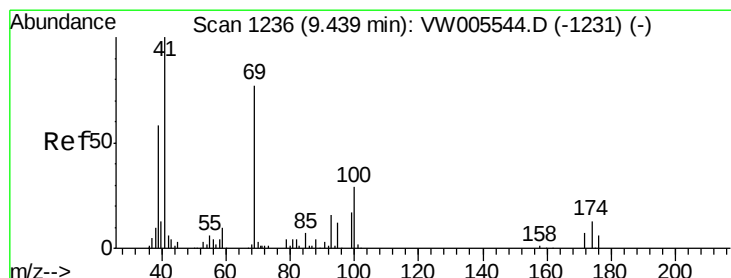
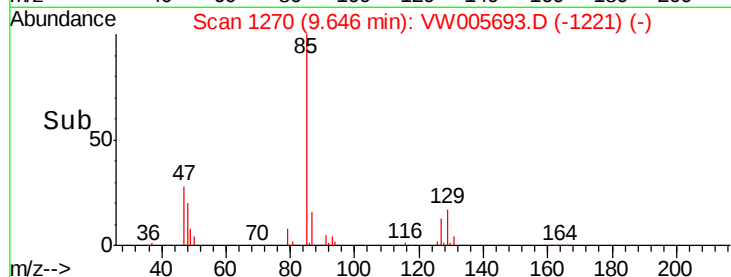
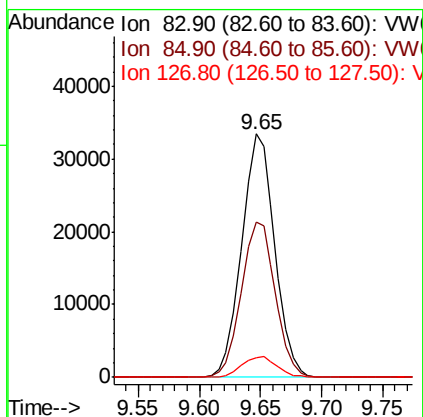
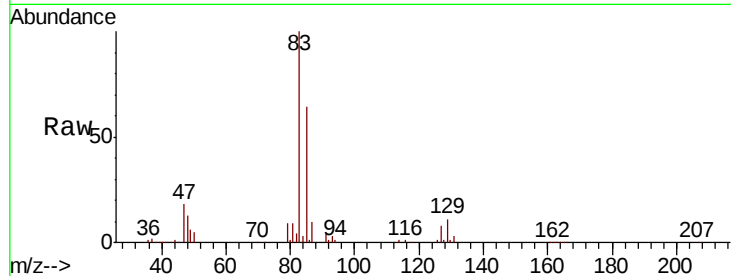




#47
 Bromodichloromethane
 Concen: 20.038 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

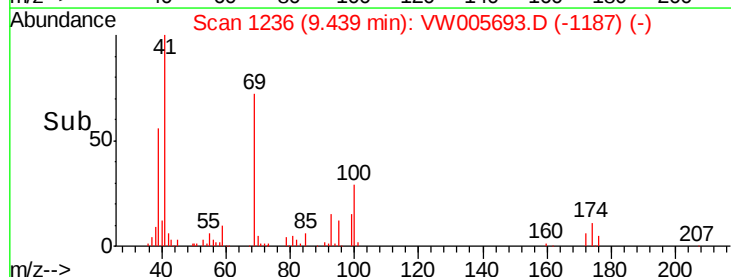
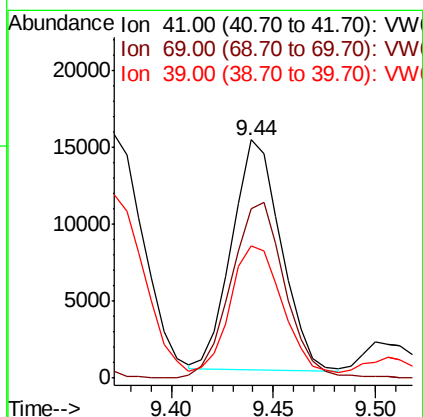
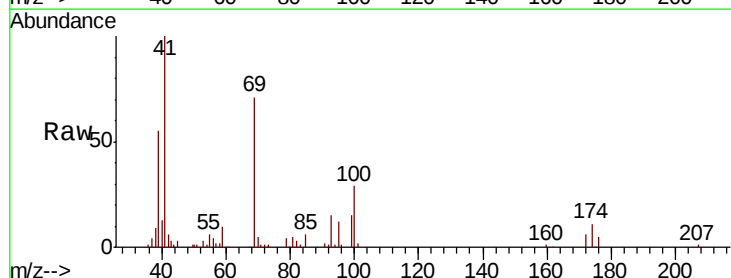
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

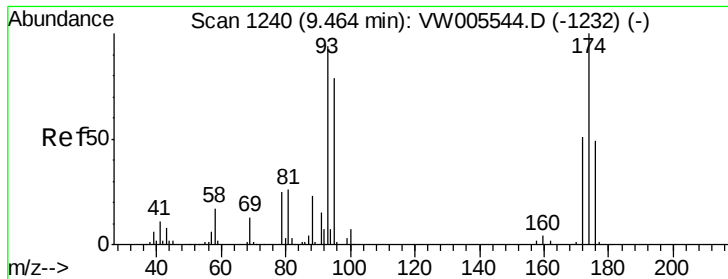
Tgt Ion: 83 Resp: 62689
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.5 75.7
 127 8.3 7.0 10.6



#48
 Methyl methacrylate
 Concen: 19.083 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 41 Resp: 25077
 Ion Ratio Lower Upper
 41 100
 69 83.8 64.7 97.1
 39 63.3 50.5 75.7

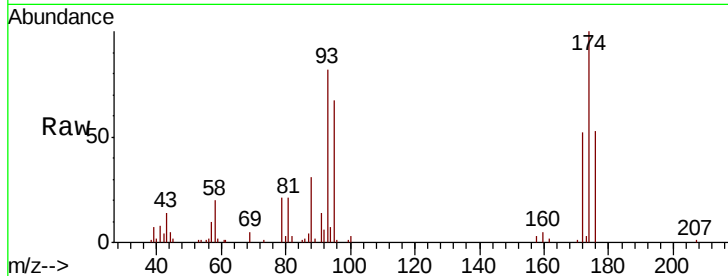




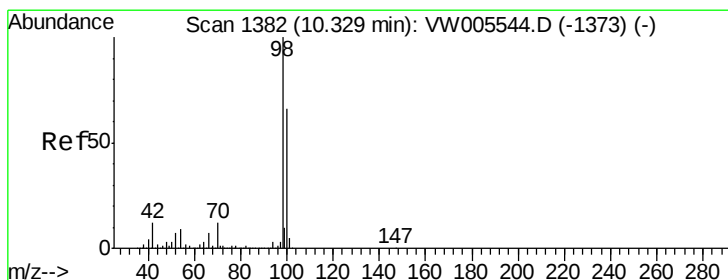
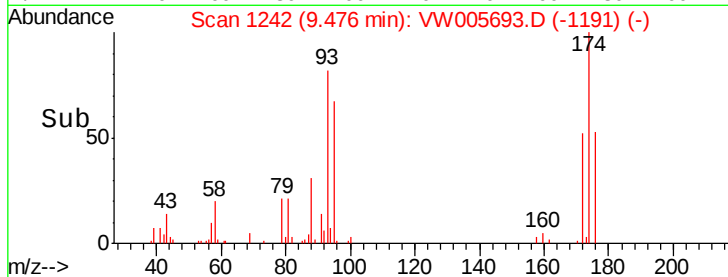
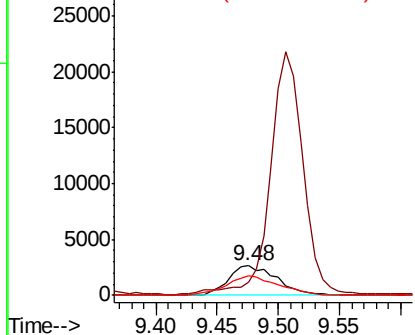
#49
1,4-Dioxane
Concen: 392.522 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tgt Ion: 88 Resp: 7268
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.7 61.2 91.8

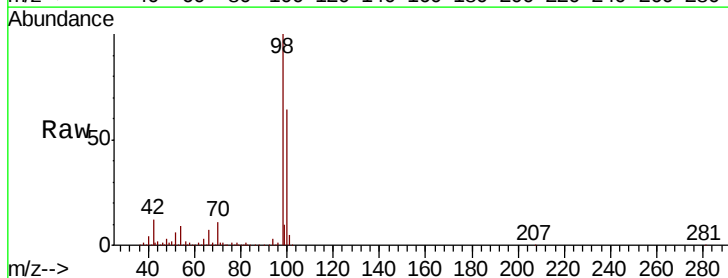


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

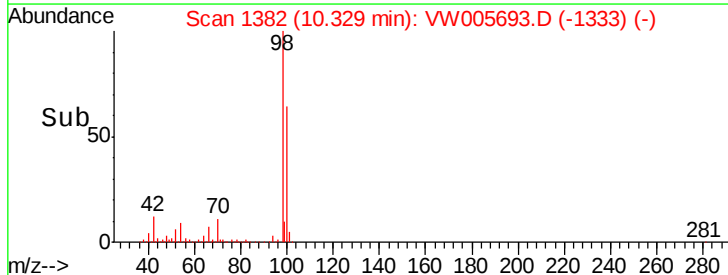
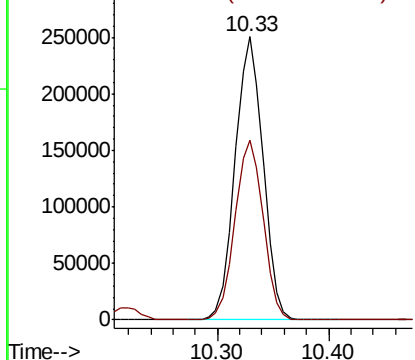


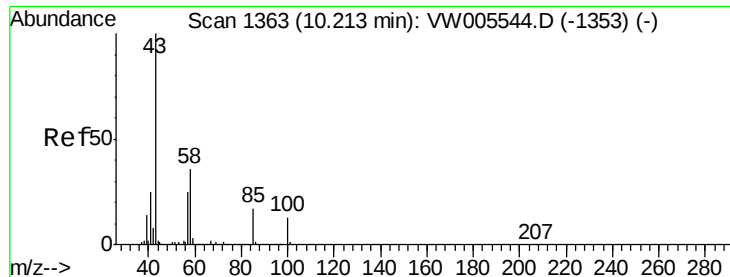
#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 98 Resp: 434610
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

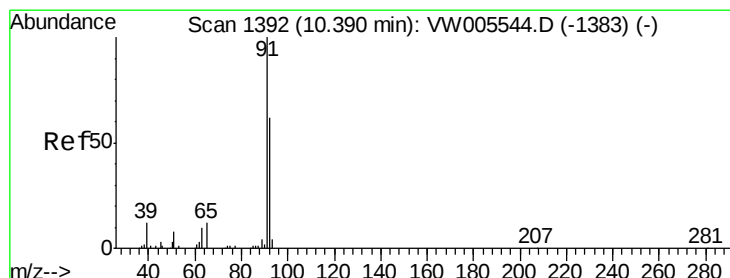
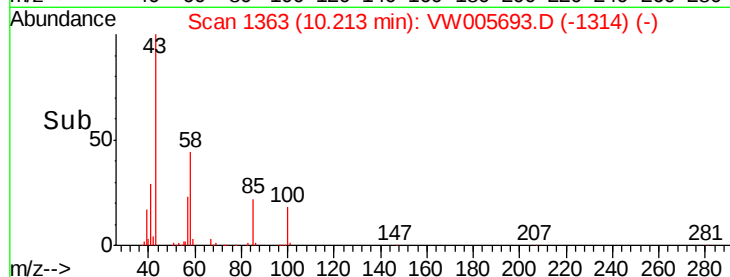
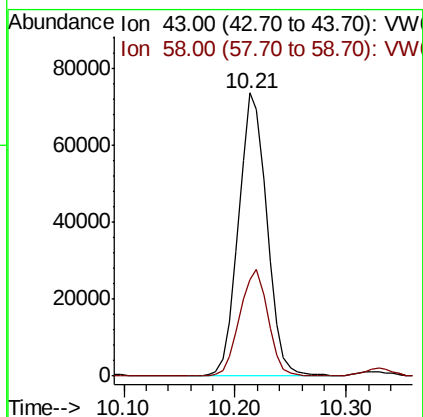
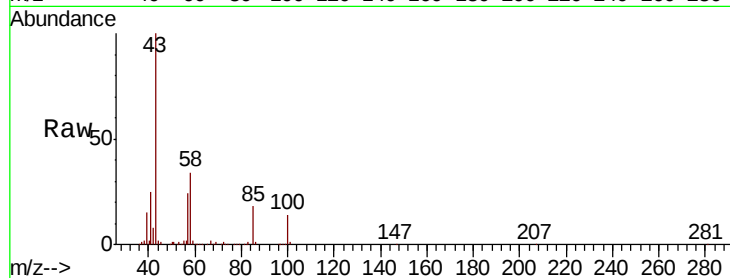




#51
 4-Methyl-2-Pentanone
 Concen: 93.157 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

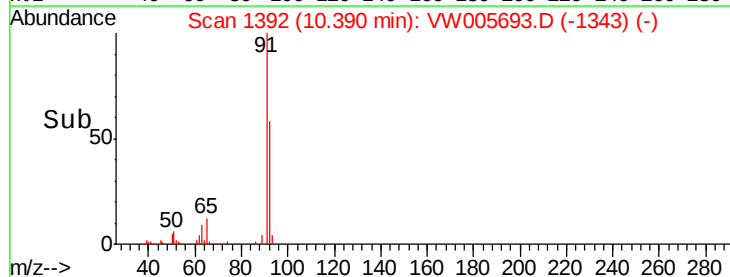
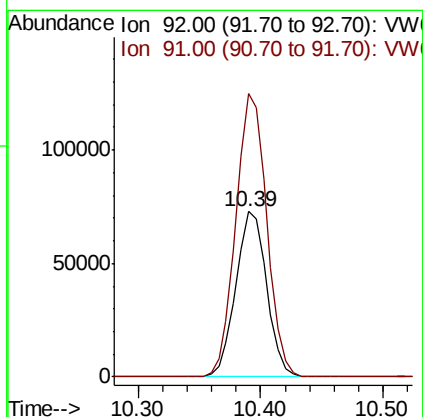
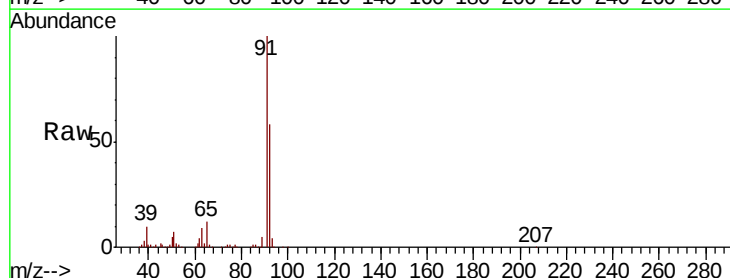
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

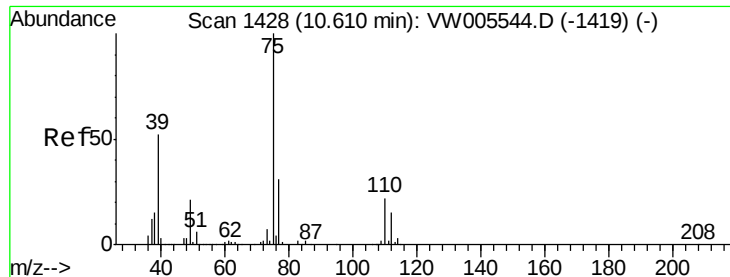
Tgt Ion: 43 Resp: 129811
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.0 45.0



#52
 Toluene
 Concen: 21.497 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 92 Resp: 127083
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.1 205.7

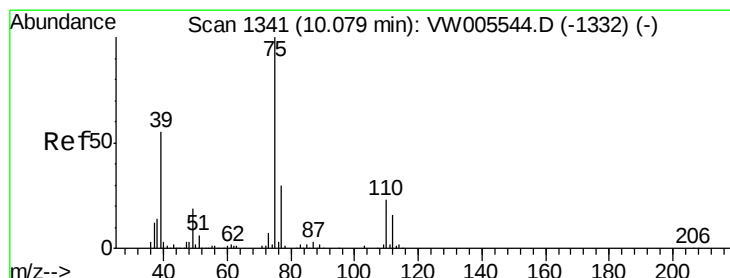
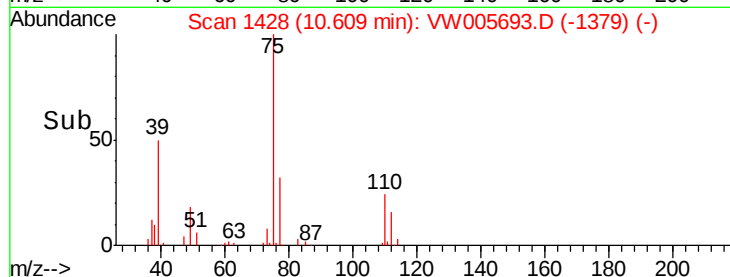
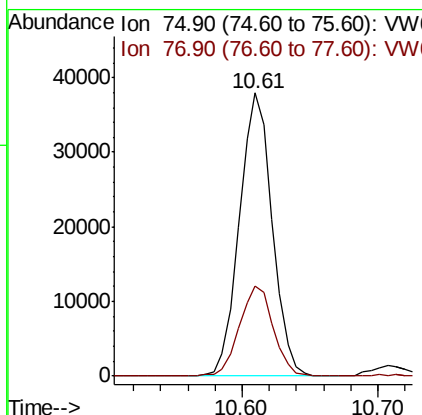
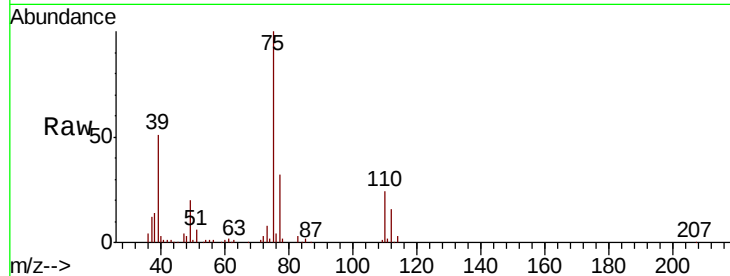




#53
t-1,3-Dichloropropene
Concen: 20.309 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

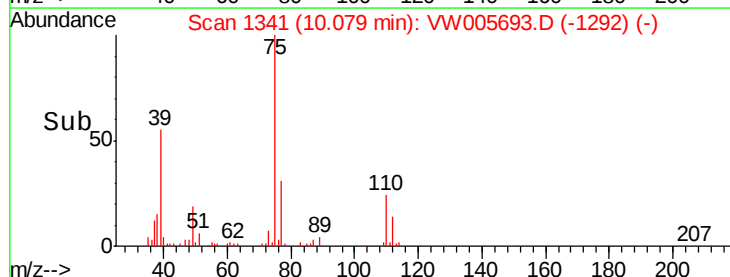
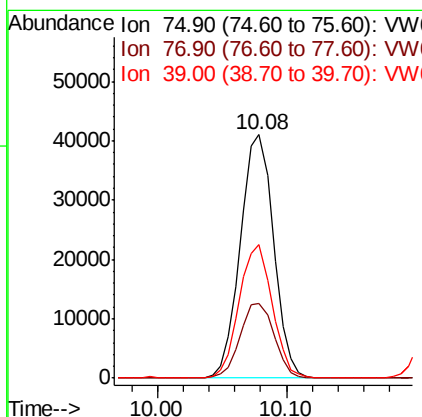
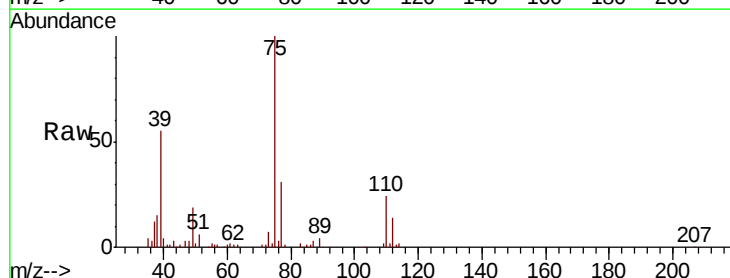
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

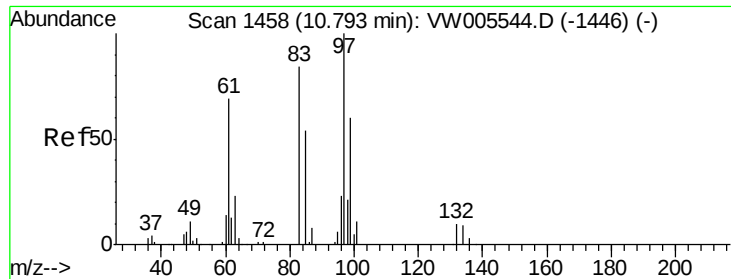
Tgt Ion: 75 Resp: 63696
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 20.909 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 75 Resp: 73476
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5
39 54.9 43.7 65.5

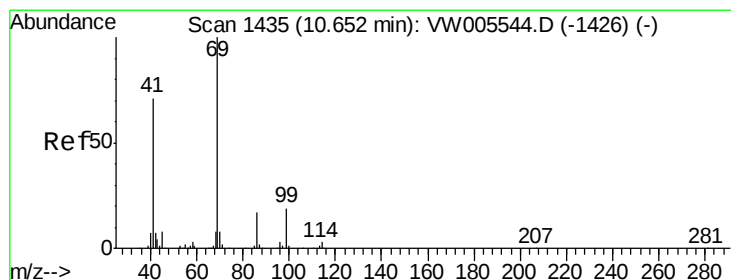
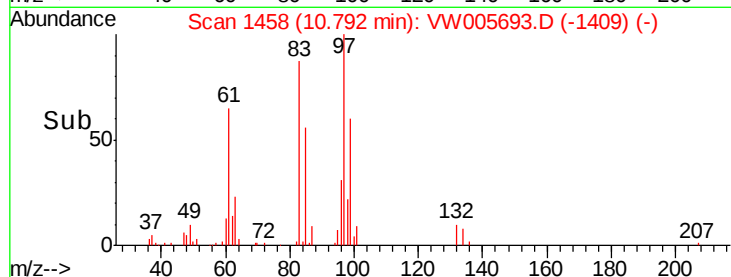
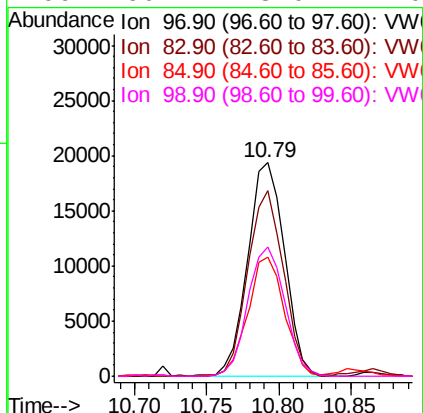
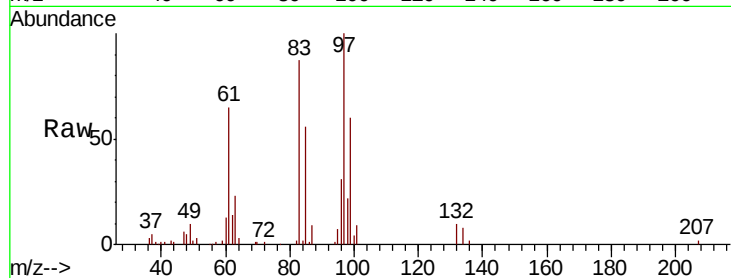




#55
 1,1,2-Trichloroethane
 Concen: 20.728 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

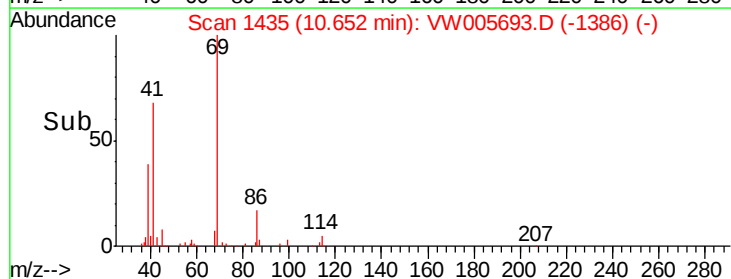
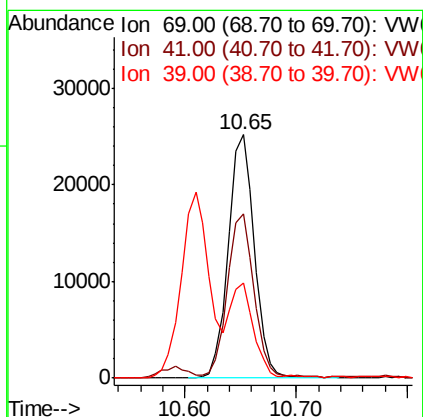
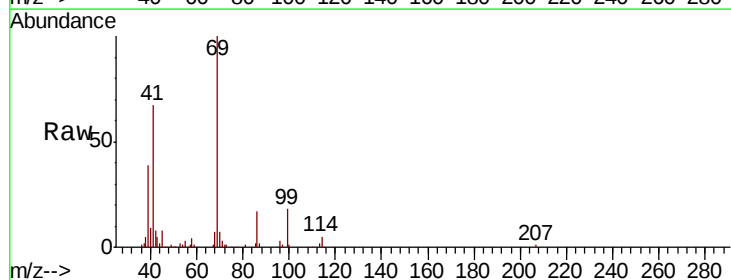
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

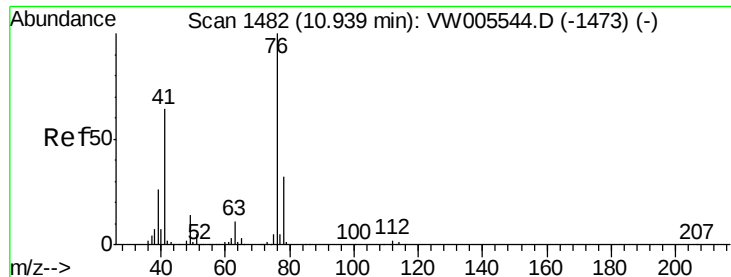
Tgt Ion:	97	Resp:	34266
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.2
85	56.0	43.3	64.9
99	60.4	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 20.053 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion:	69	Resp:	40924
Ion	Ratio	Lower	Upper
69	100		
41	69.0	57.3	85.9
39	35.2	29.2	43.8

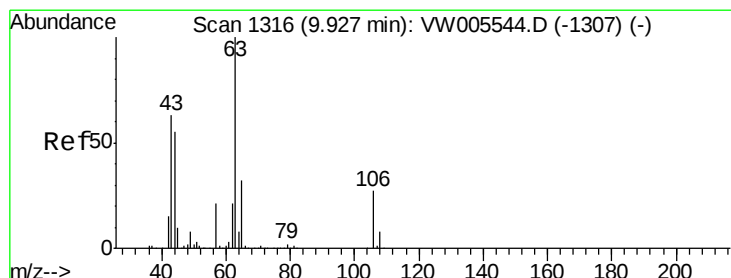
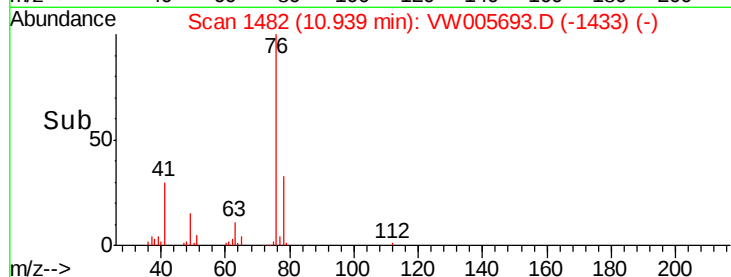
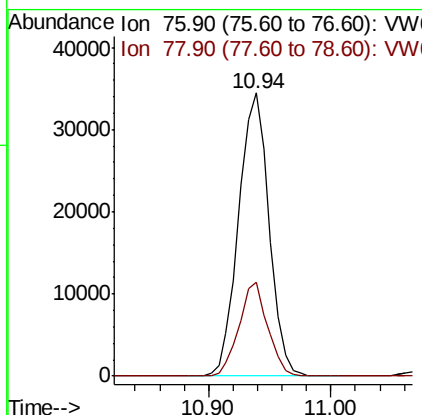
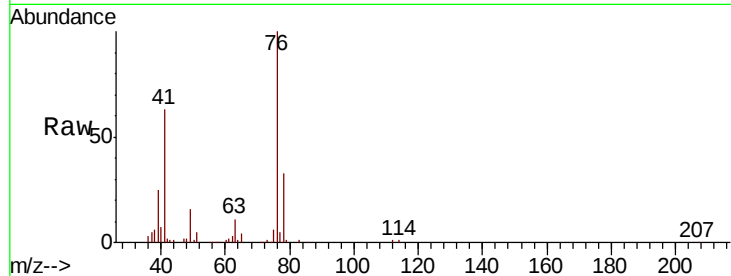




#57
 1,3-Dichloropropane
 Concen: 20.285 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

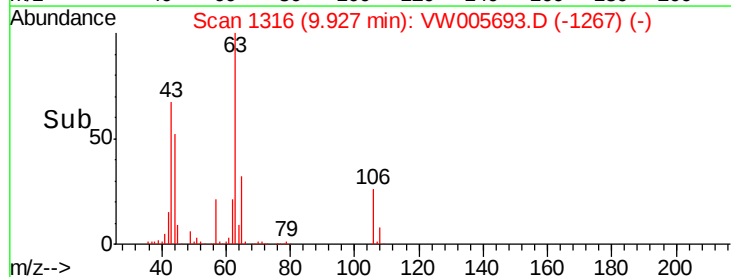
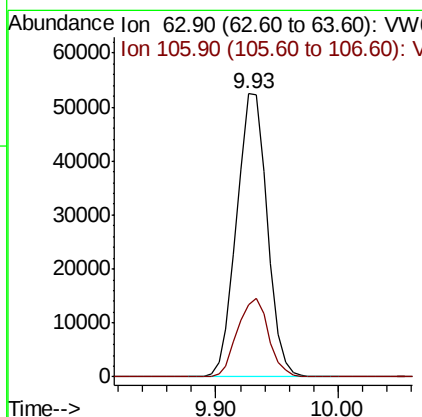
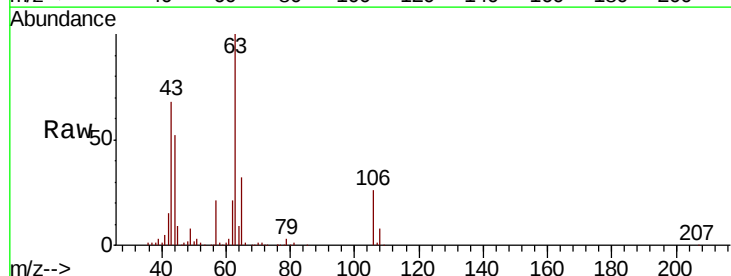
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

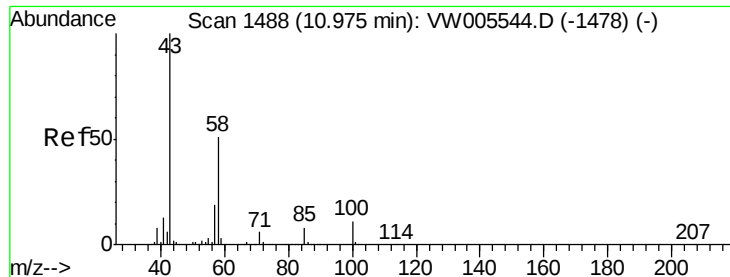
Tgt Ion: 76 Resp: 59433
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.419 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 63 Resp: 91046
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.6 32.4

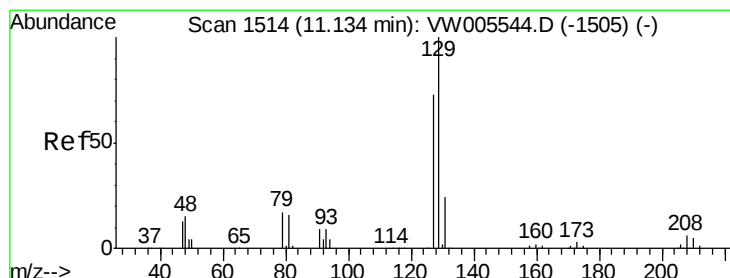
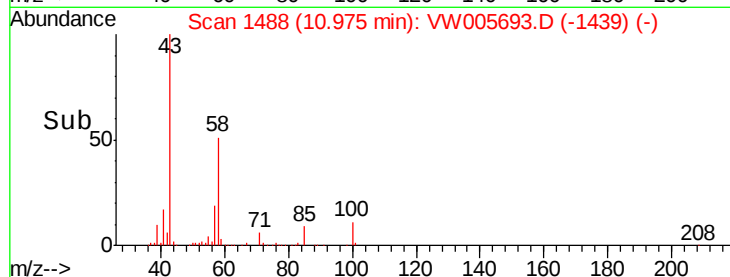
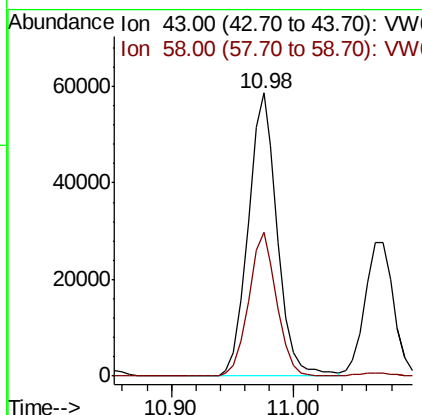
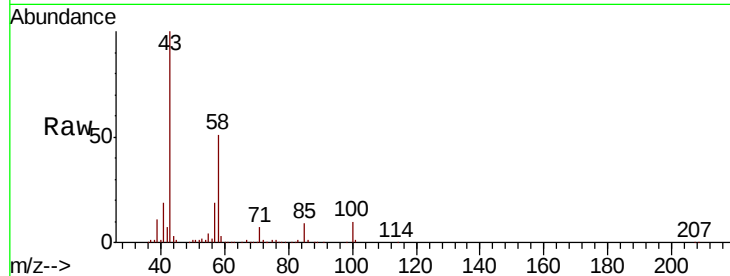




#59
2-Hexanone
Concen: 102.093 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

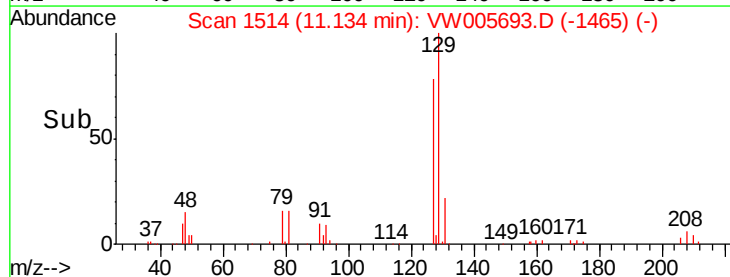
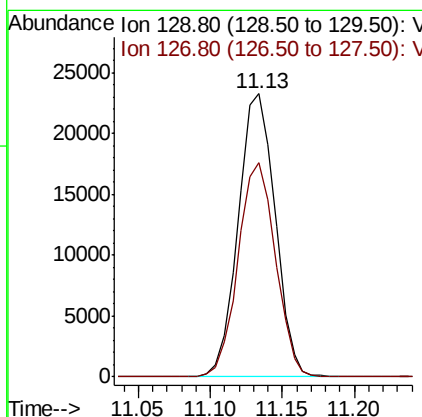
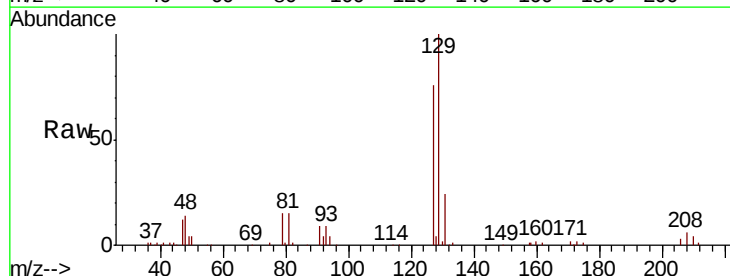
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

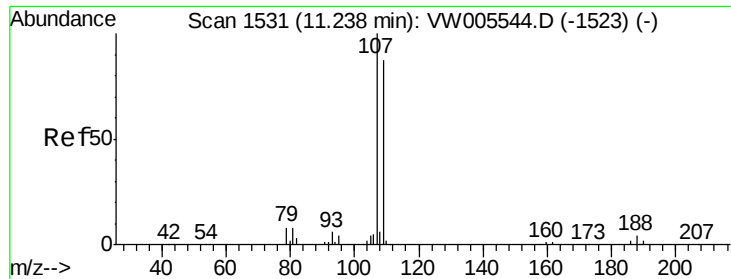
Tgt Ion: 43 Resp: 96643
Ion Ratio Lower Upper
43 100
58 49.0 25.3 75.9



#60
Dibromochloromethane
Concen: 20.727 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 129 Resp: 41402
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

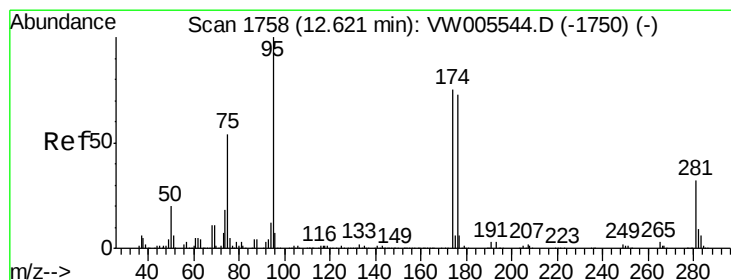
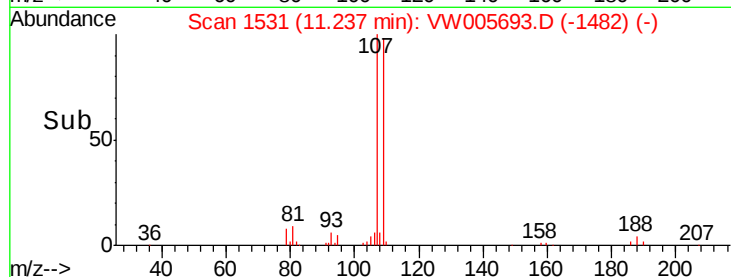
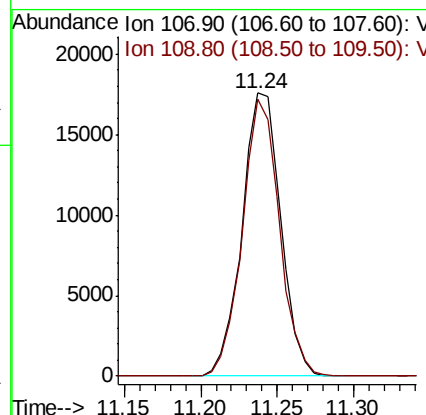
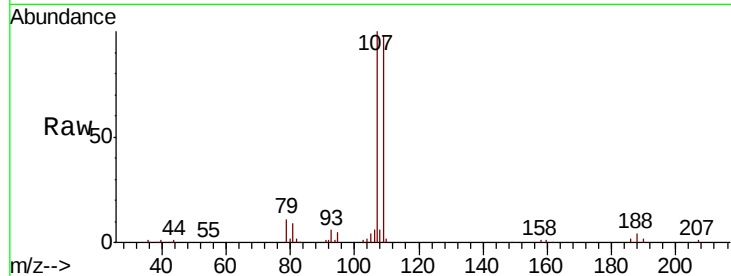




#61
 1,2-Dibromoethane
 Concen: 19.996 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

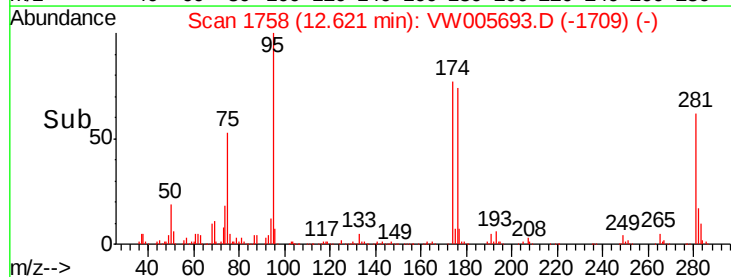
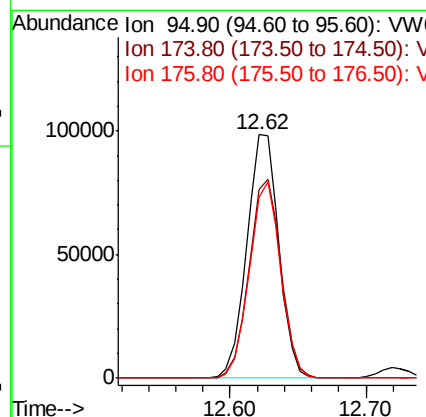
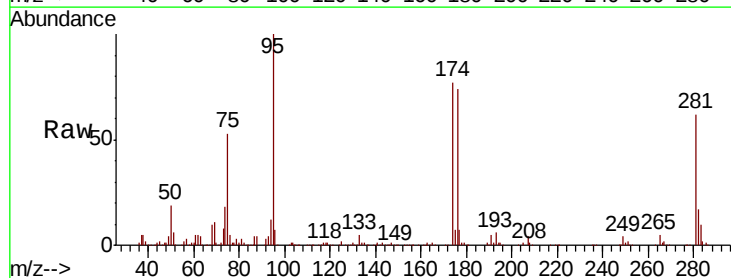
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

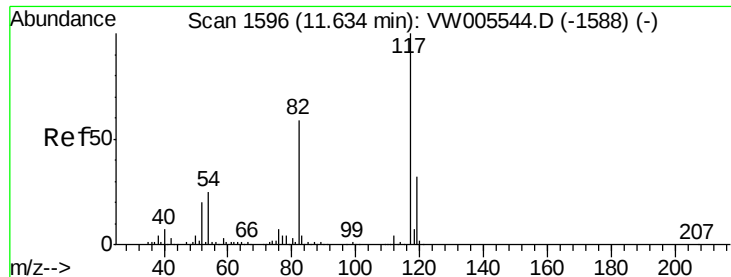
Tgt Ion: 107 Resp: 30821
 Ion Ratio Lower Upper
 107 100
 109 93.9 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.456 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 95 Resp: 161946
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 163.8
 176 79.0 0.0 158.0

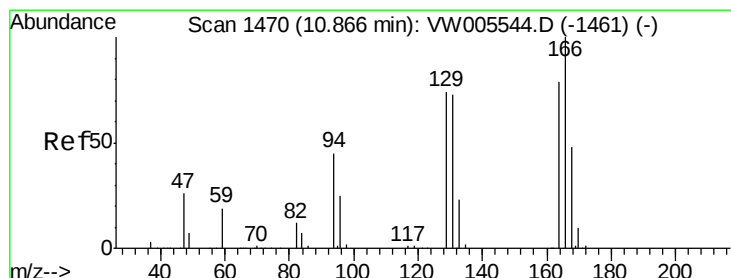
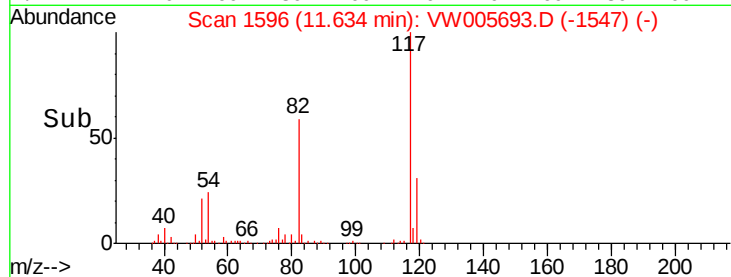
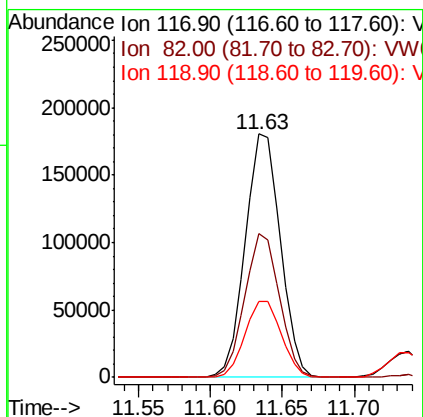
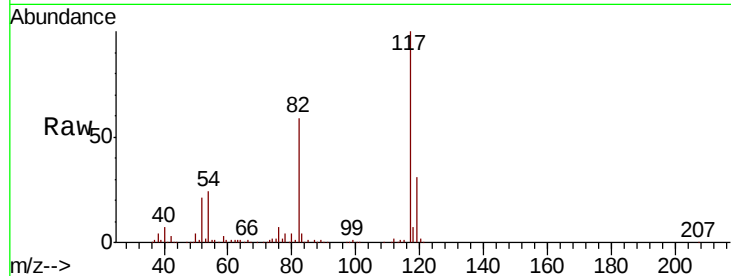




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

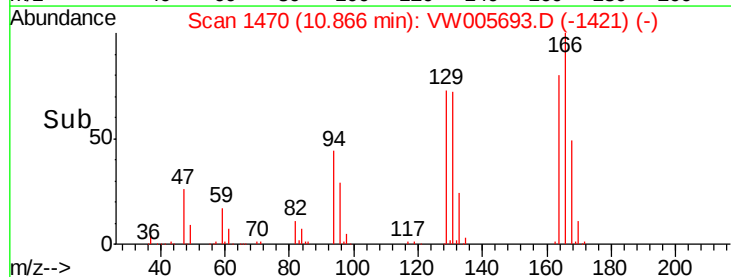
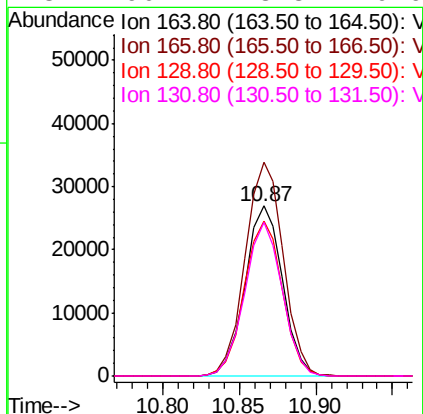
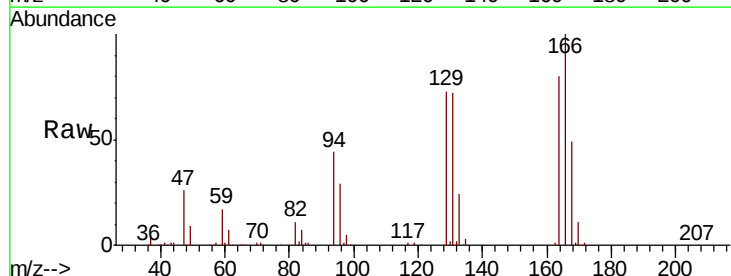
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

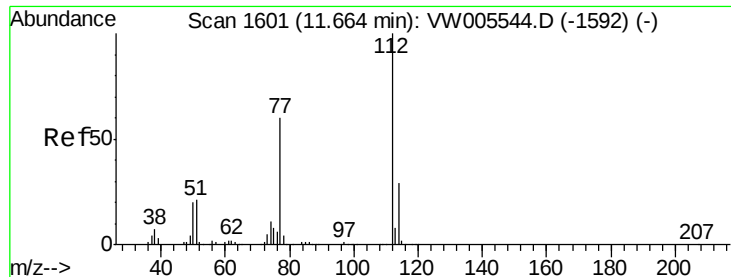
Tgt Ion:117 Resp: 305047
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.098 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:164 Resp: 45679
Ion Ratio Lower Upper
164 100
166 125.5 101.1 151.7
129 91.0 74.4 111.6
131 90.4 73.8 110.6

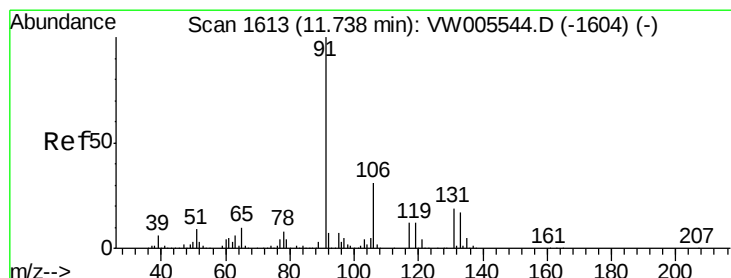
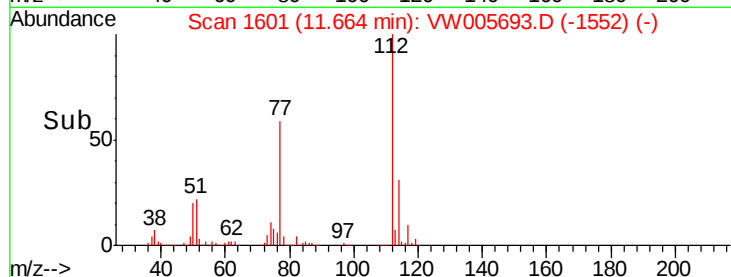
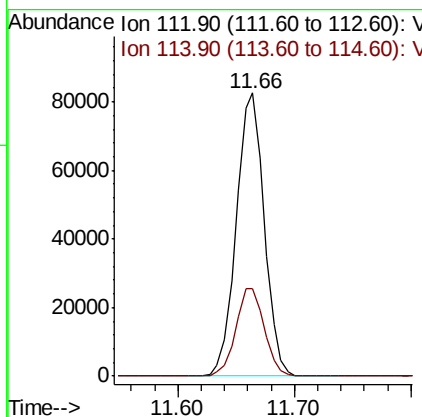
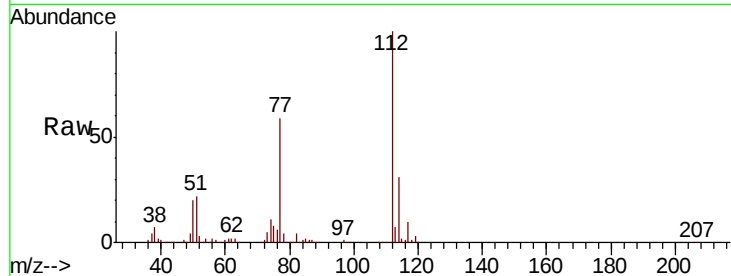




#65
Chlorobenzene
Concen: 21.328 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

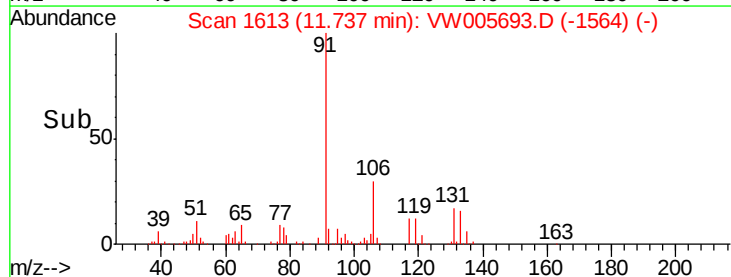
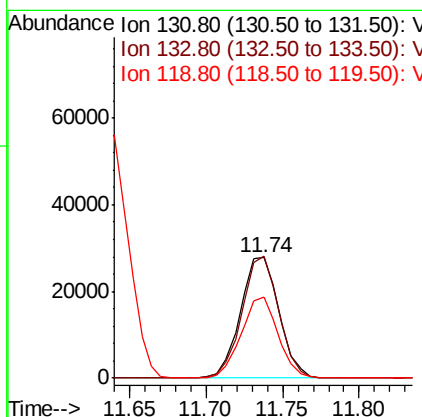
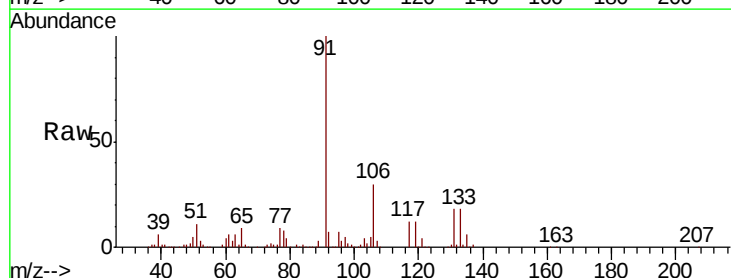
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

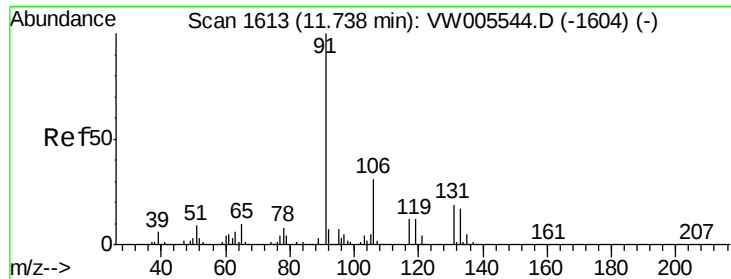
Tgt Ion:112 Resp: 138114
Ion Ratio Lower Upper
112 100
114 30.8 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:131 Resp: 48629
Ion Ratio Lower Upper
131 100
133 96.5 47.2 141.6
119 64.6 31.1 93.2

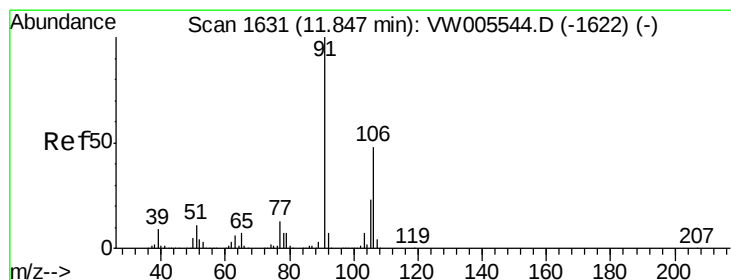
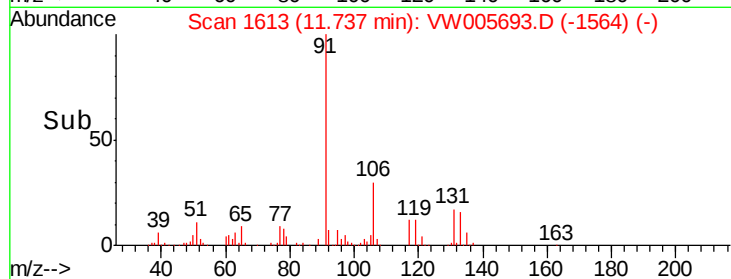
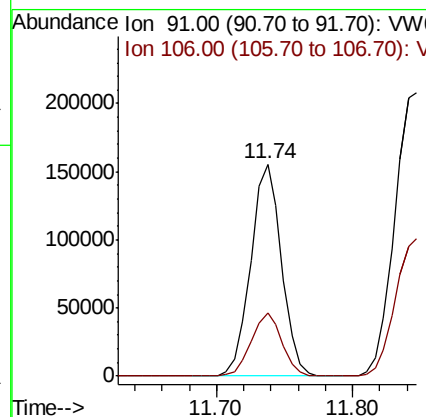
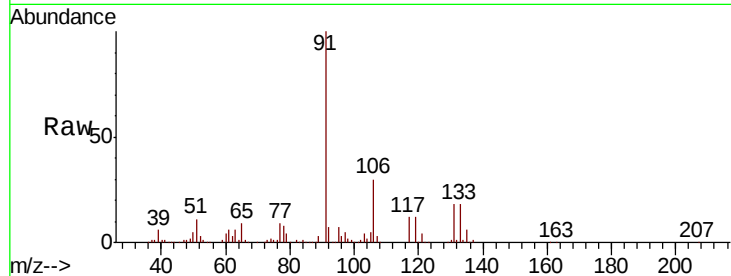




#67
Ethyl Benzene
Concen: 21.354 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

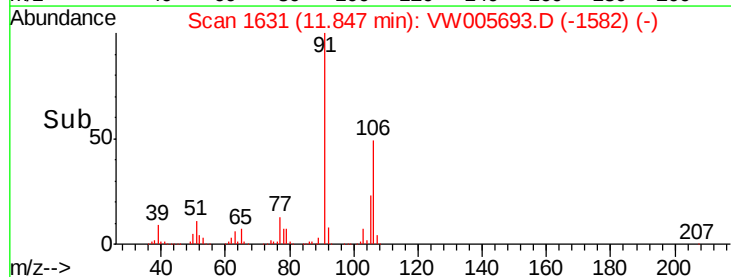
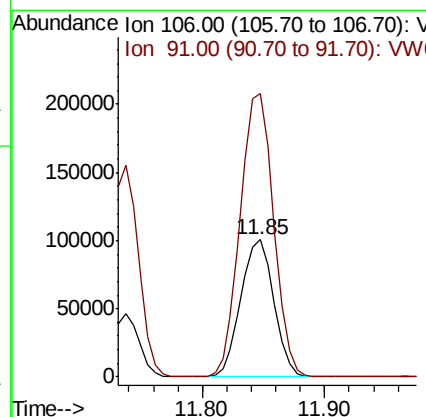
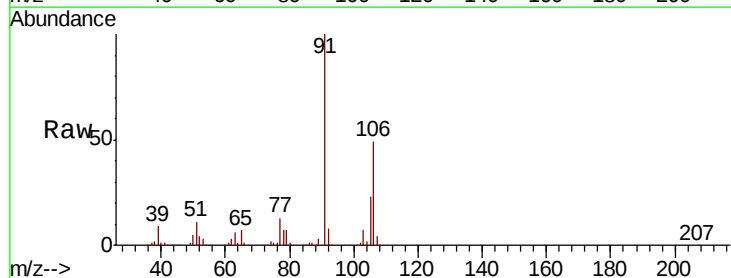
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

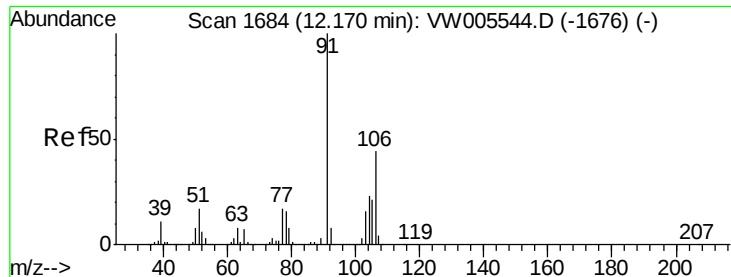
Tgt Ion: 91 Resp: 245453
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 43.411 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion: 106 Resp: 188522
Ion Ratio Lower Upper
106 100
91 209.2 167.8 251.8

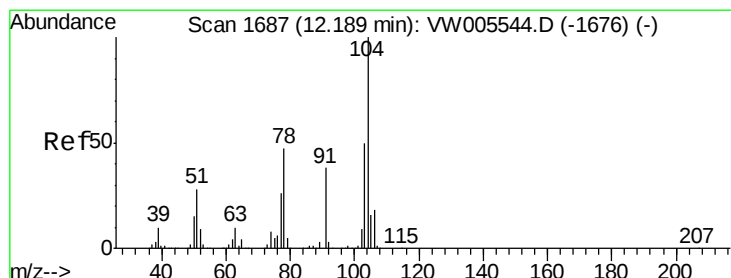
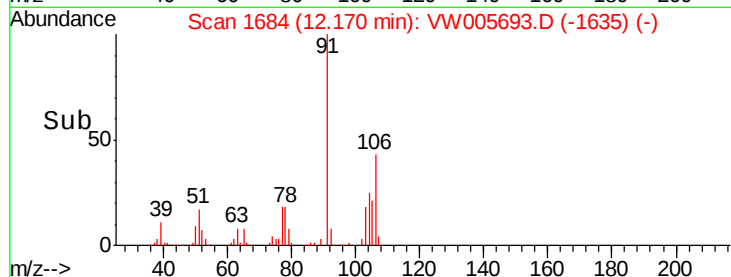
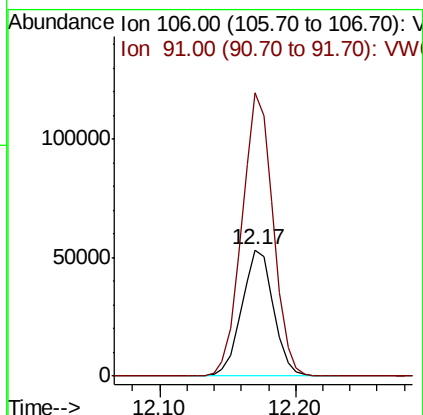
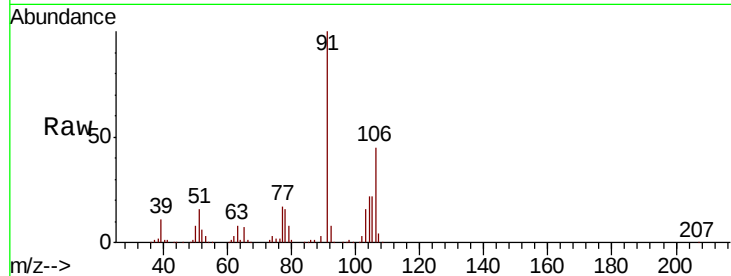




#69
o-Xylene
Concen: 21.226 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

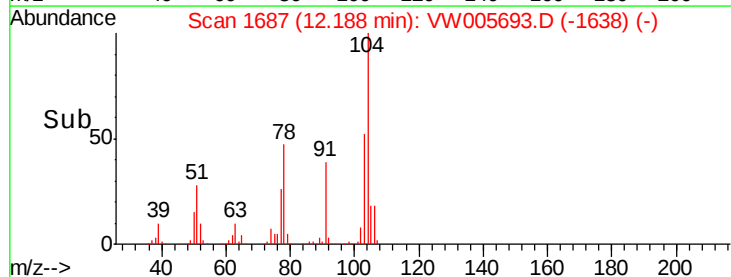
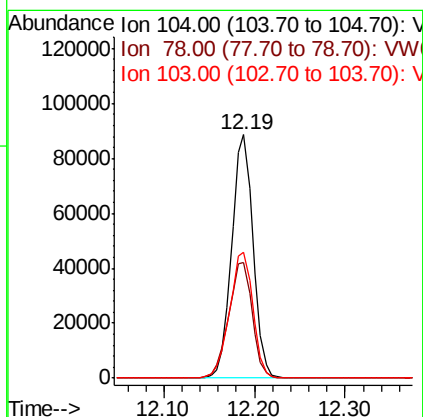
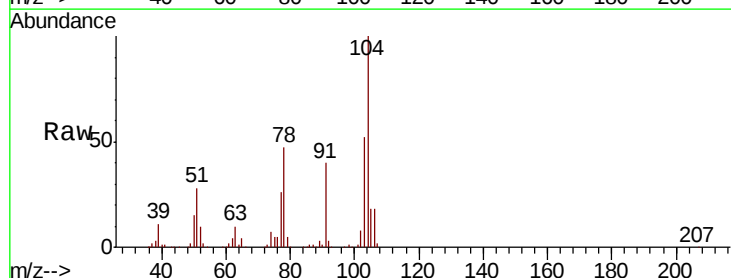
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

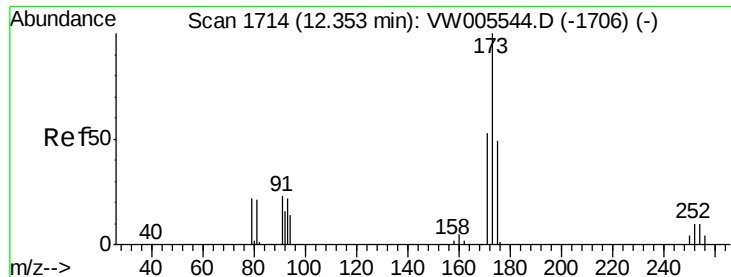
Tgt Ion:106 Resp: 86328
Ion Ratio Lower Upper
106 100
91 221.4 111.0 333.0



#70
Styrene
Concen: 21.190 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:104 Resp: 145034
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 56.4 44.6 66.8

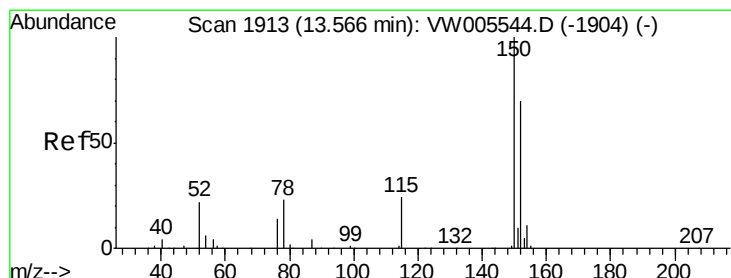
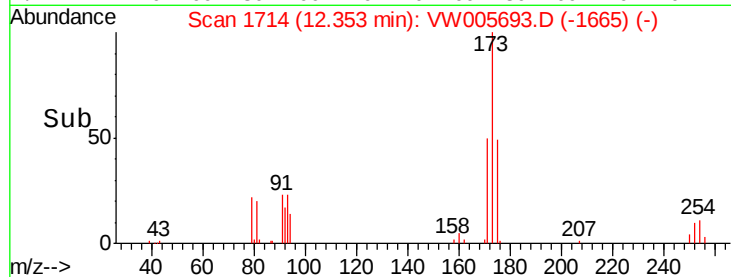
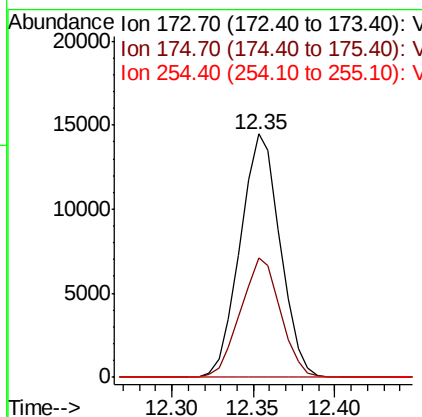
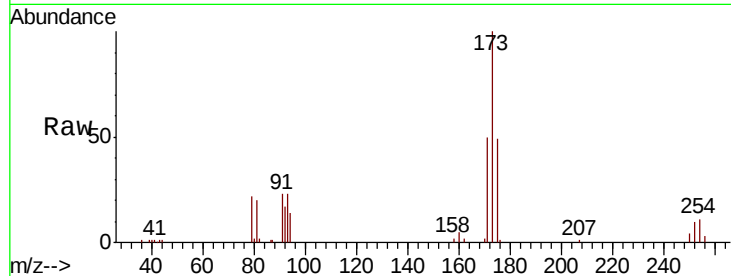




#71
Bromoform
Concen: 19.987 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

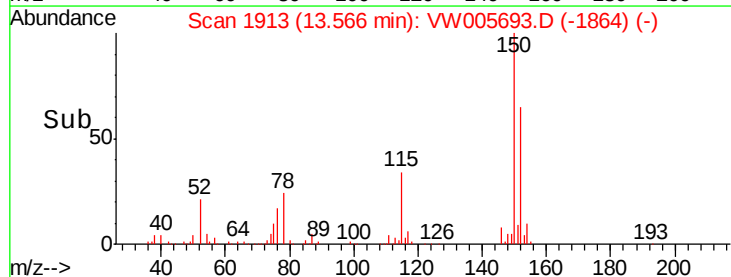
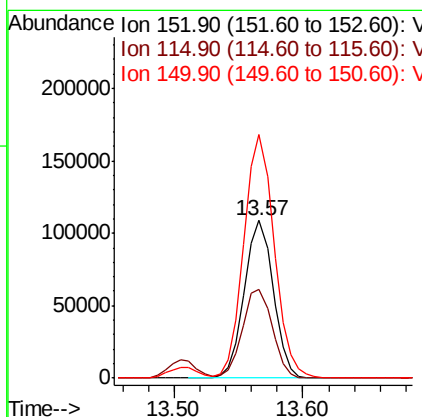
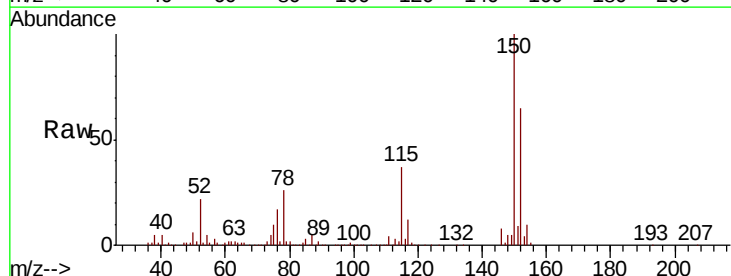
Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

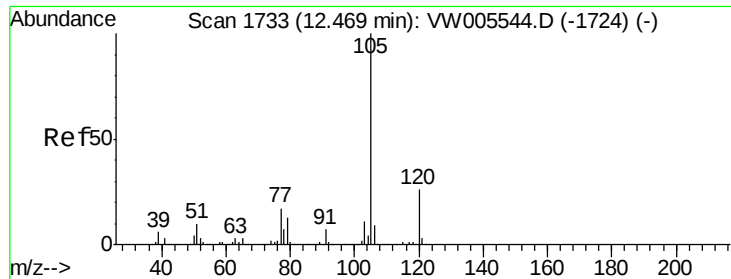
Tgt Ion:173 Resp: 24727
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:152 Resp: 168688
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 162.7 0.0 348.6





#73

Isopropylbenzene

Concen: 21.492 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

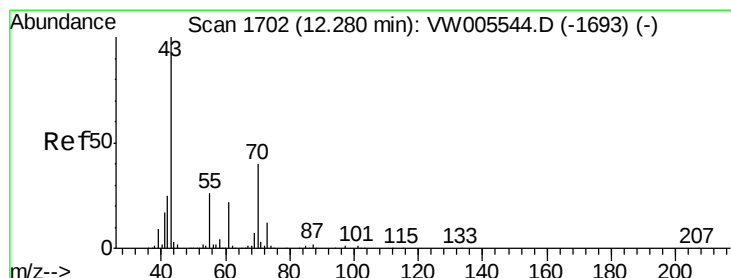
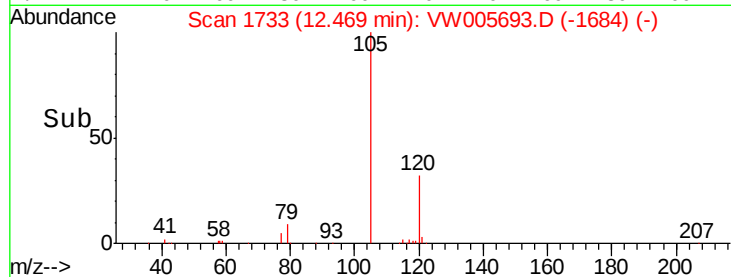
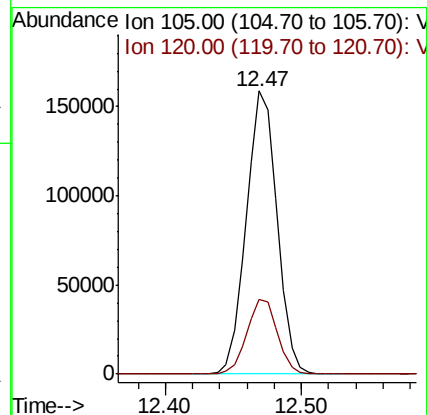
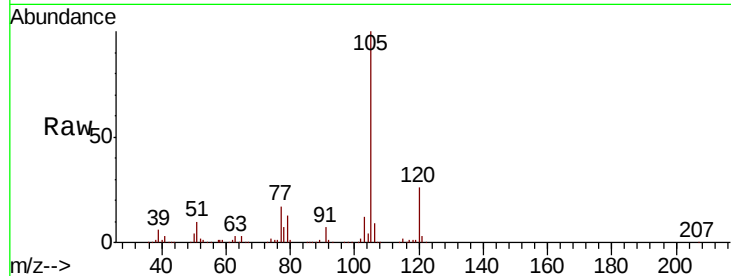
VW0927SBSD01

Tgt Ion:105 Resp: 251414

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 18.778 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Tgt Ion: 43 Resp: 49740

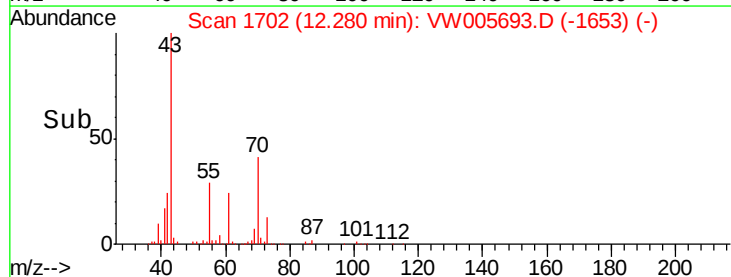
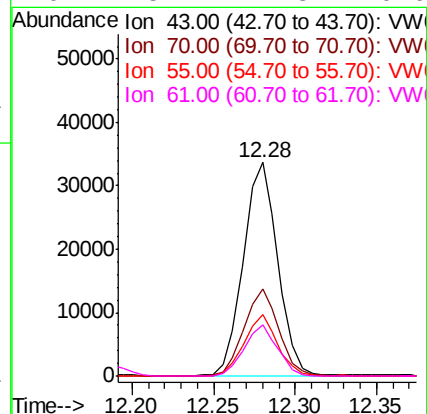
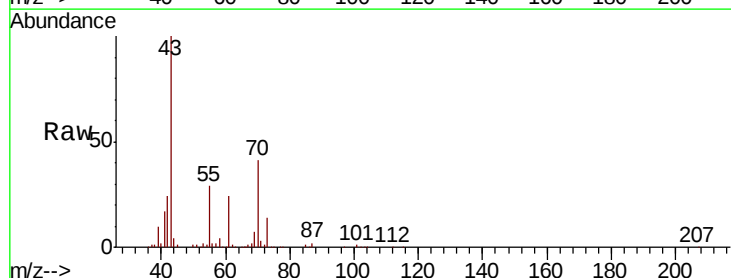
Ion Ratio Lower Upper

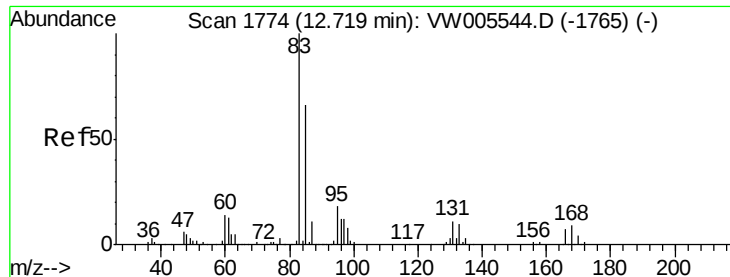
43 100

70 40.5 31.4 47.0

55 27.8 20.9 31.3

61 23.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.718 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

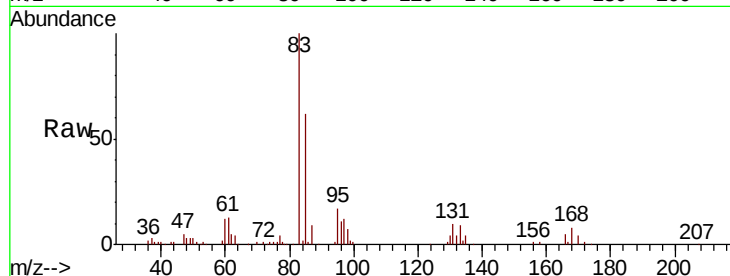
Tgt Ion: 83 Resp: 38313

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.7

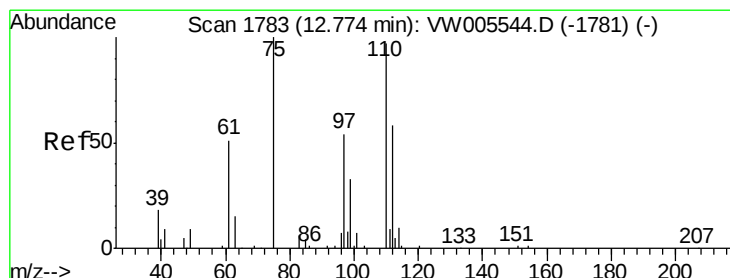
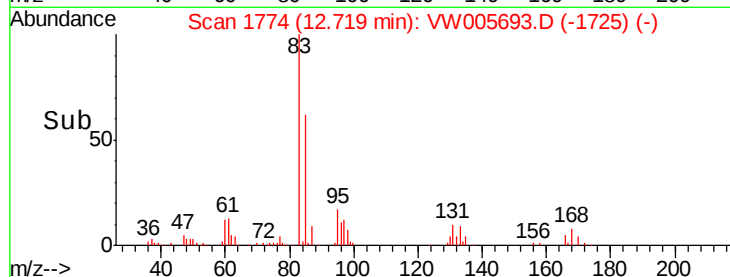
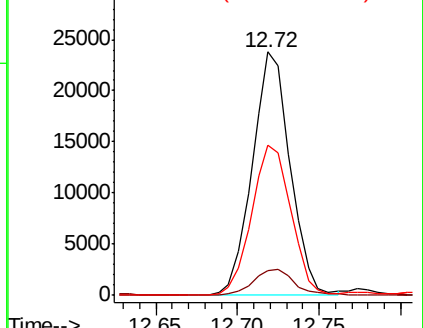
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.560 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005693.D

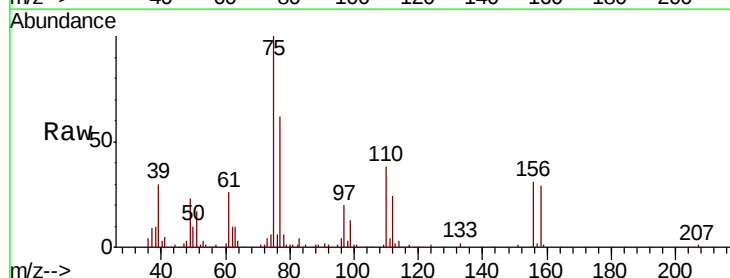
Acq: 27 Sep 2018 12:17

Tgt Ion: 75 Resp: 54009

Ion Ratio Lower Upper

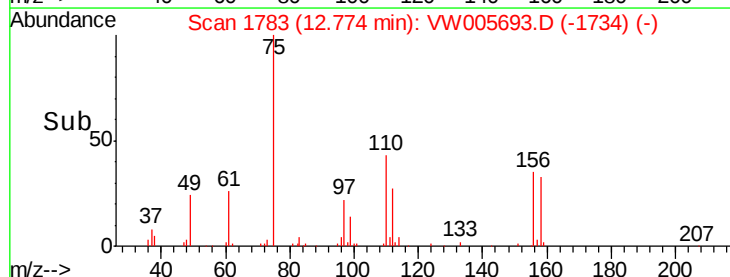
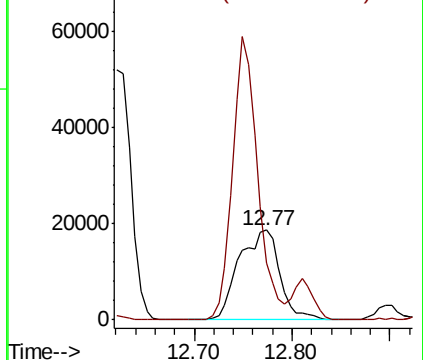
75 100

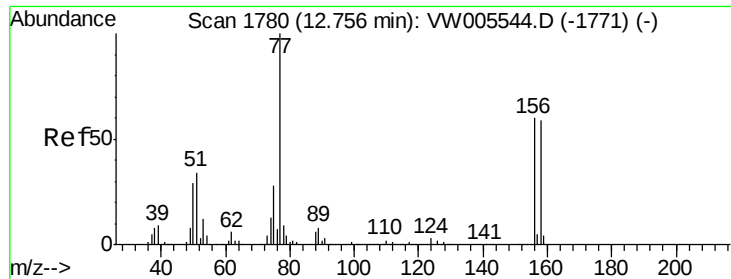
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.731 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

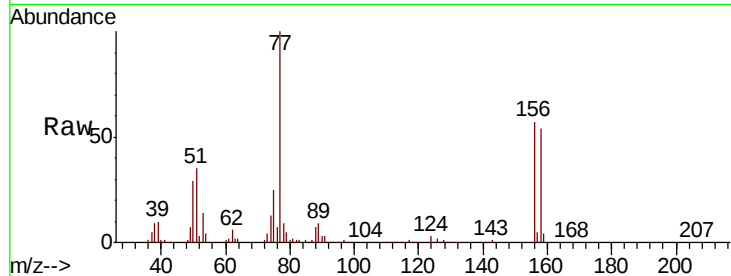
Tgt Ion:156 Resp: 56841

Ion Ratio Lower Upper

156 100

77 185.5 94.7 284.1

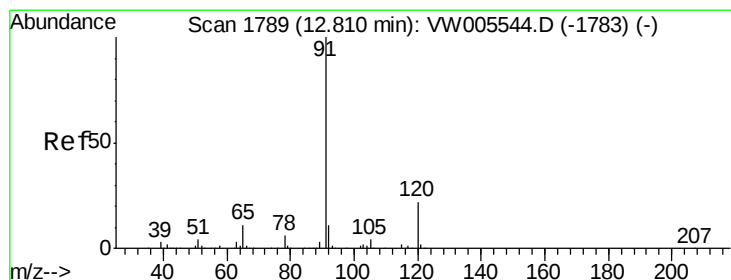
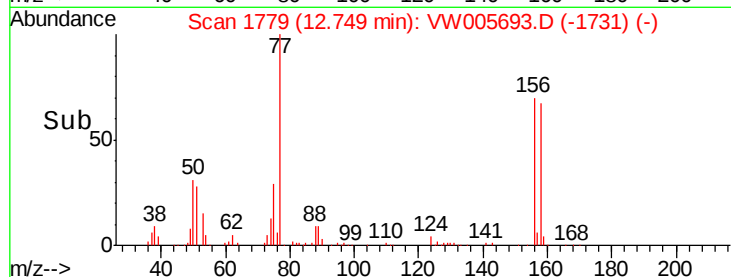
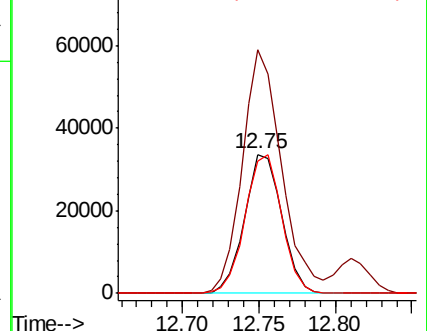
158 98.4 48.0 144.2



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: 21.551 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005693.D

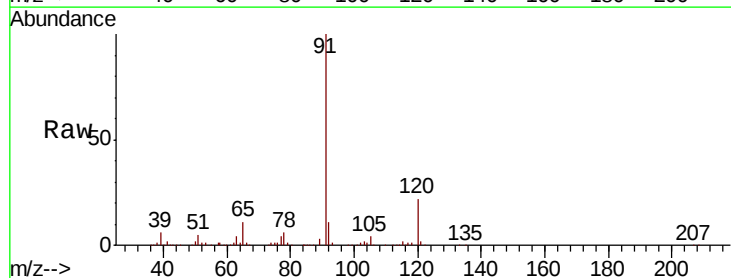
Acq: 27 Sep 2018 12:17

Tgt Ion: 91 Resp: 305217

Ion Ratio Lower Upper

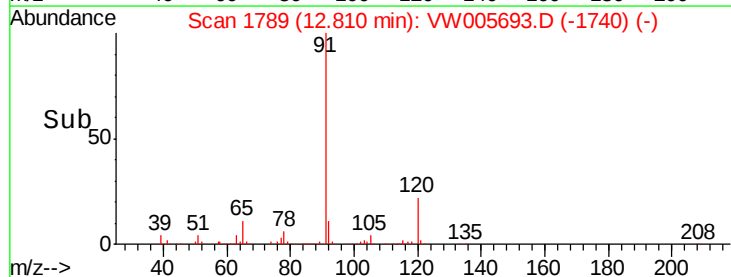
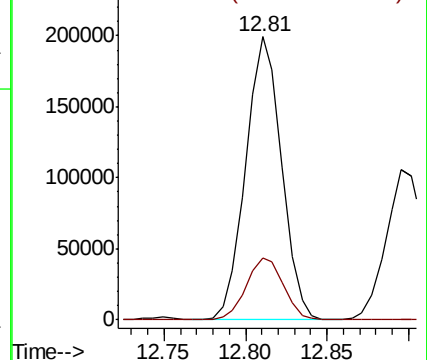
91 100

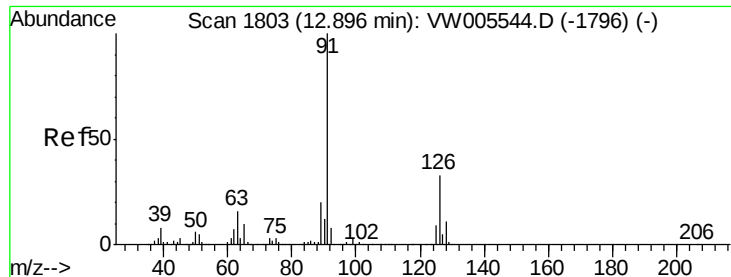
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

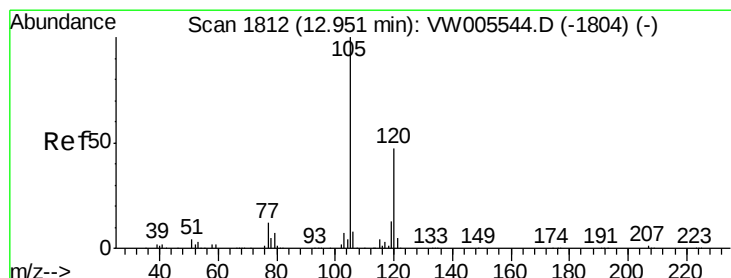
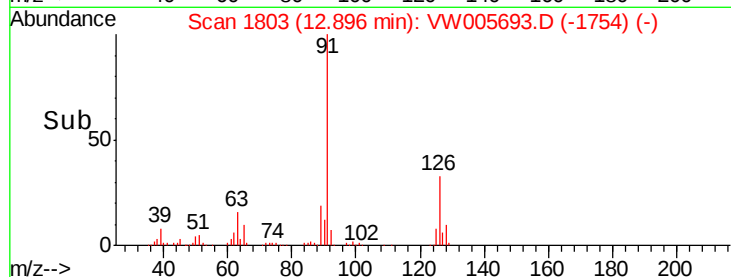
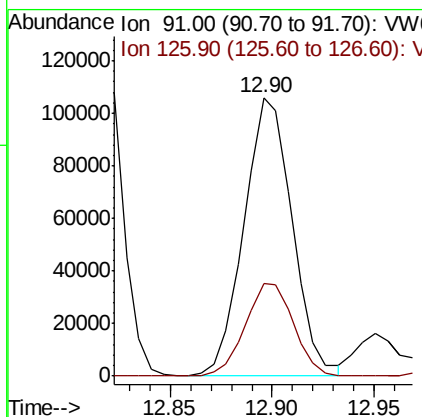
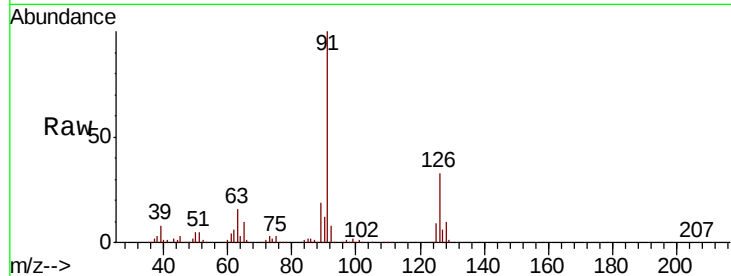




#79
 2-Chlorotoluene
 Concen: 21.236 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

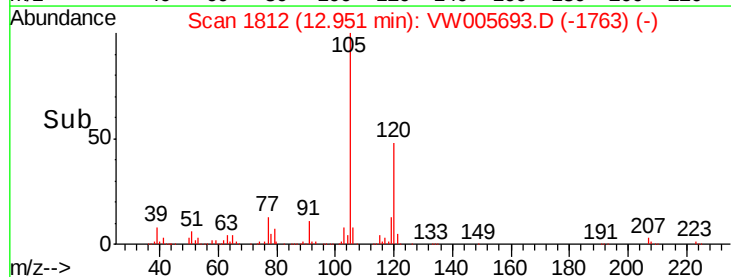
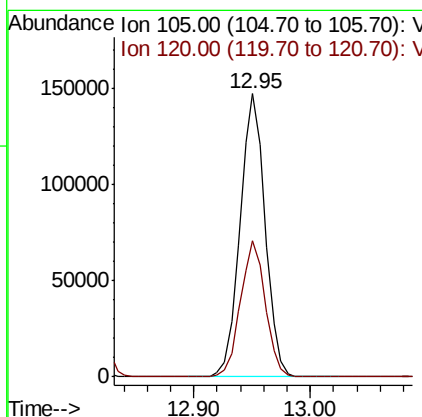
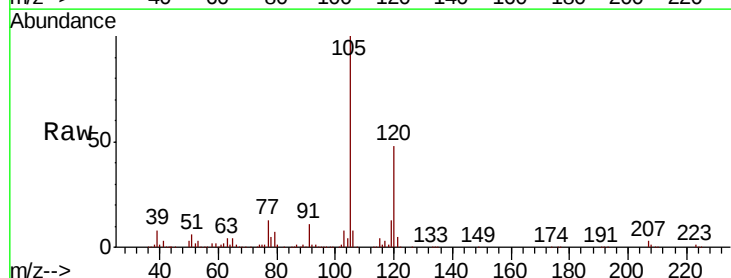
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

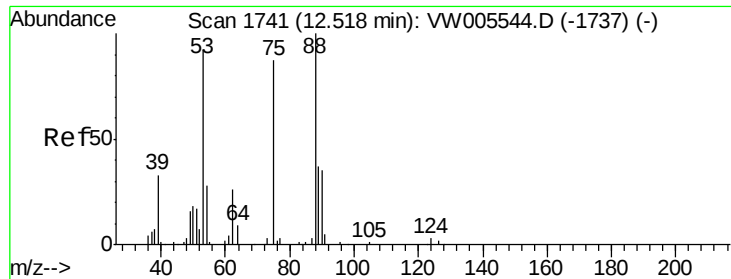
Tgt Ion: 91 Resp: 174008
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.699 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion: 105 Resp: 220720
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.230 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

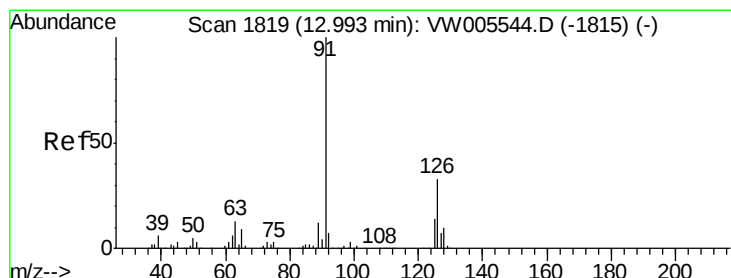
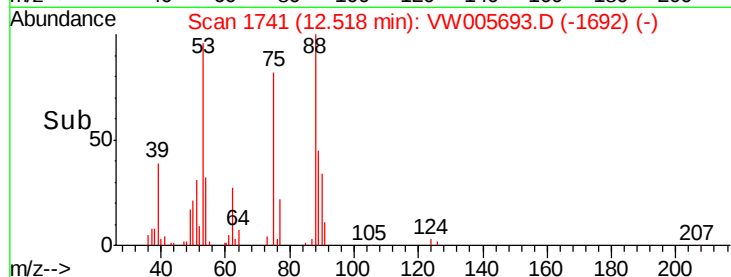
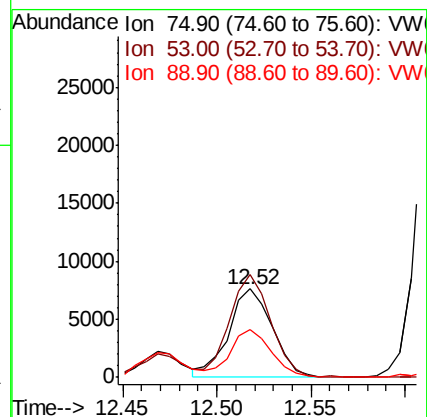
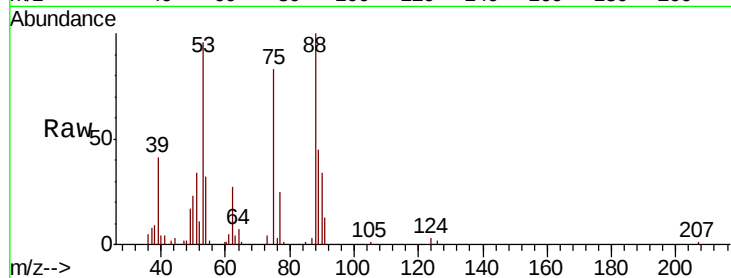
Tgt Ion: 75 Resp: 12277

Ion Ratio Lower Upper

75 100

53 111.1 85.8 128.6

89 50.1 37.3 55.9



#82

4-Chlorotoluene

Concen: 21.270 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005693.D

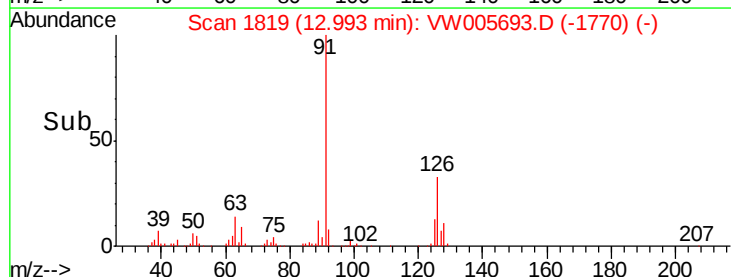
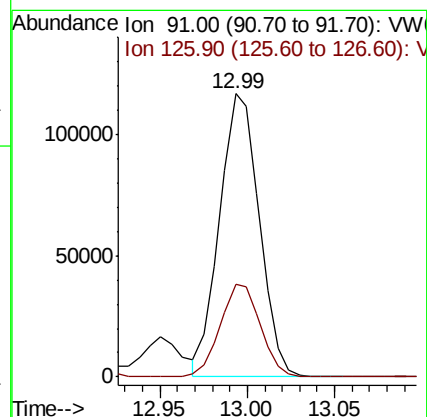
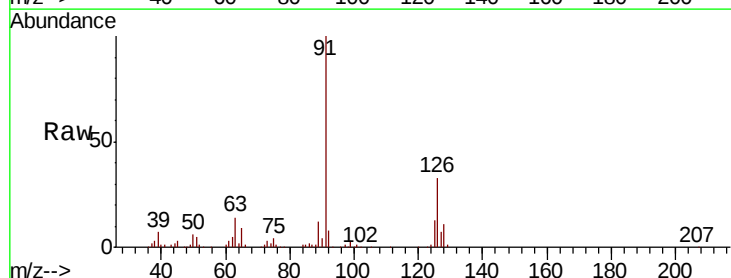
Acq: 27 Sep 2018 12:17

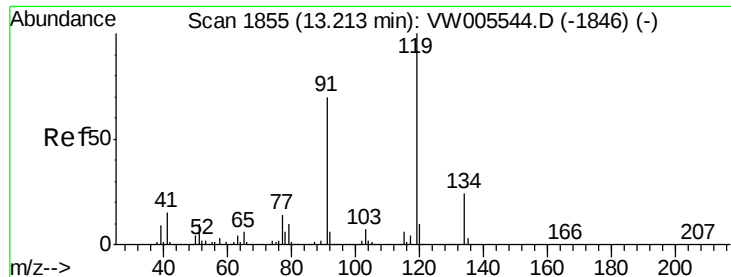
Tgt Ion: 91 Resp: 184147

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4

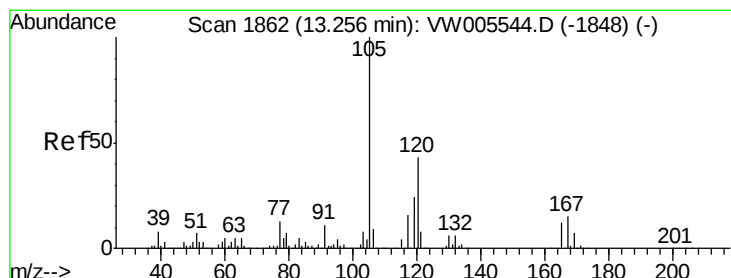
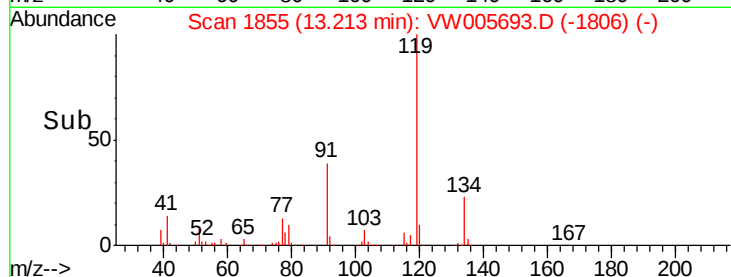
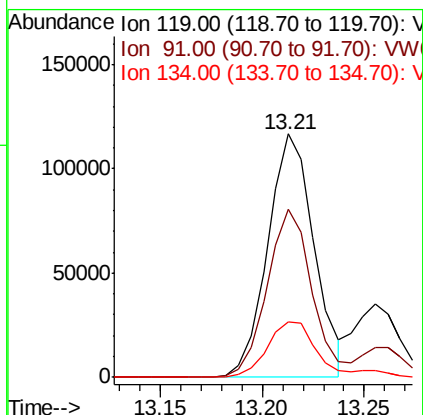
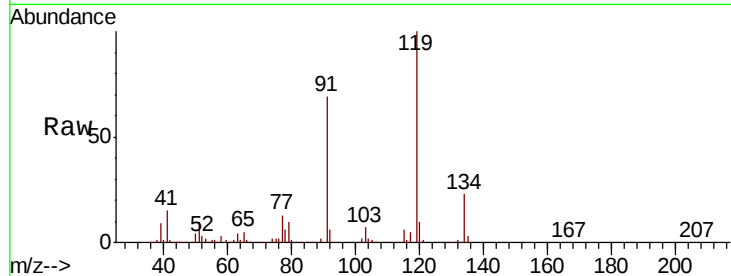




#83
 tert-Butylbenzene
 Concen: 21.684 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

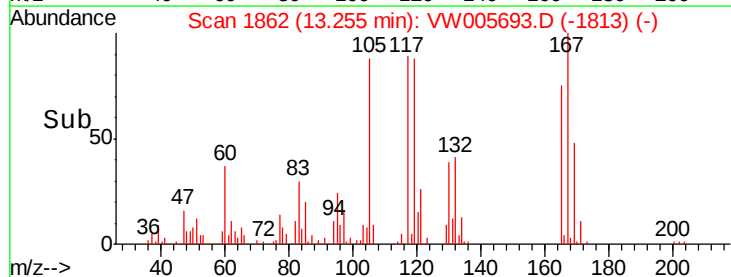
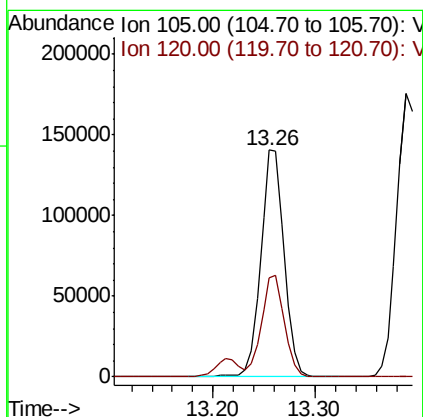
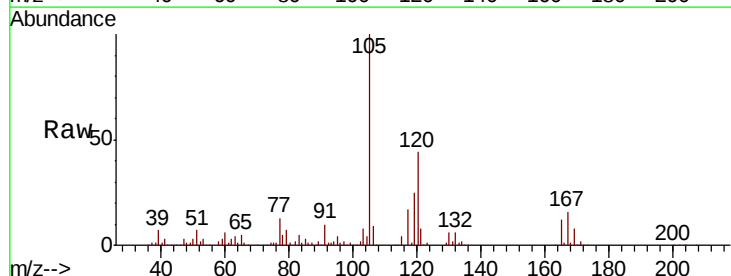
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

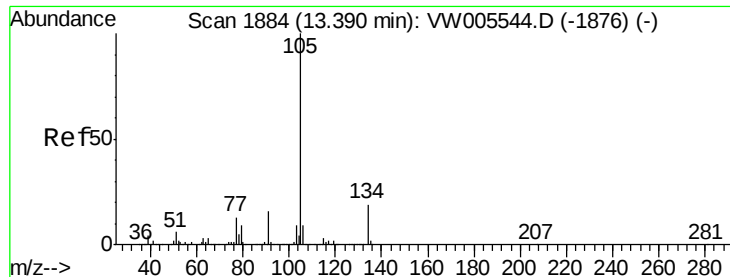
Tgt Ion:119 Resp: 185302
 Ion Ratio Lower Upper
 119 100
 91 67.2 34.6 103.8
 134 25.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.852 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion:105 Resp: 224311
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.5 64.5

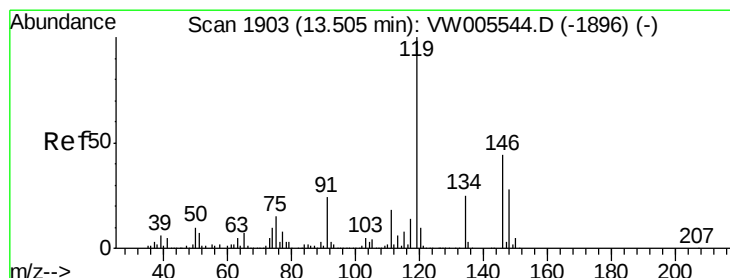
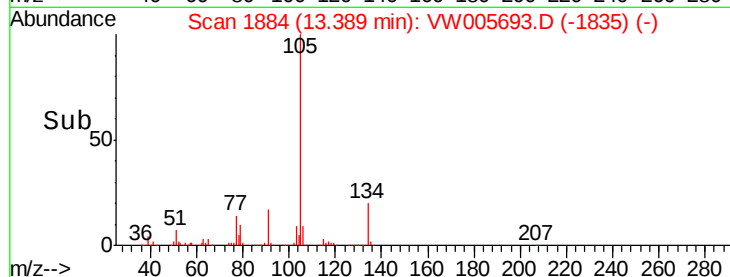
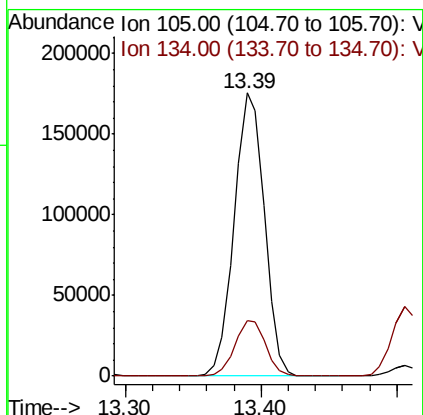
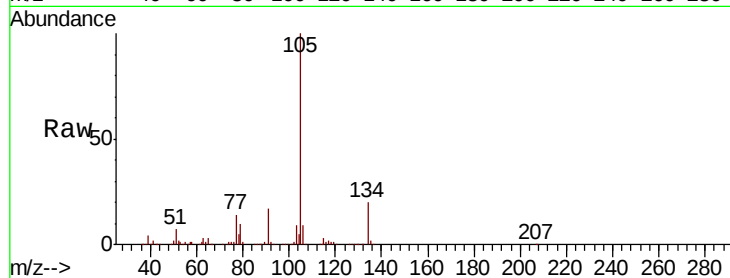




#85
 sec-Butylbenzene
 Concen: 21.915 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

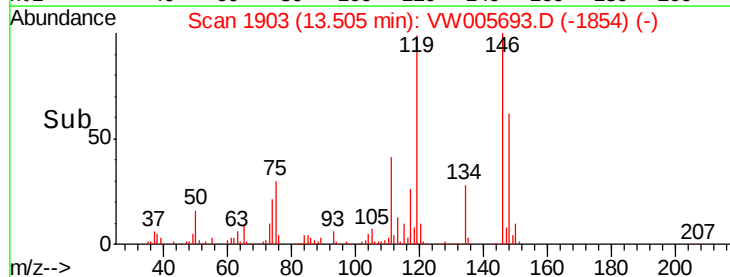
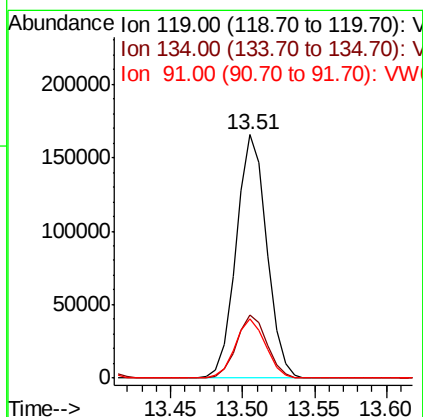
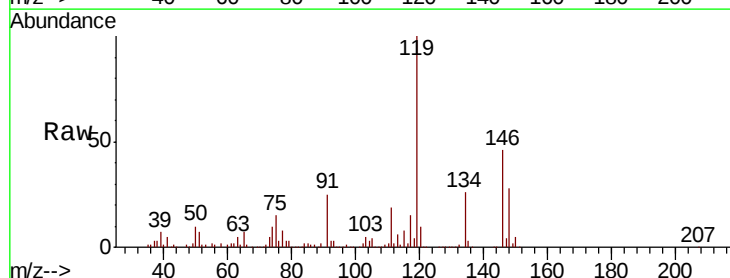
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBSD01

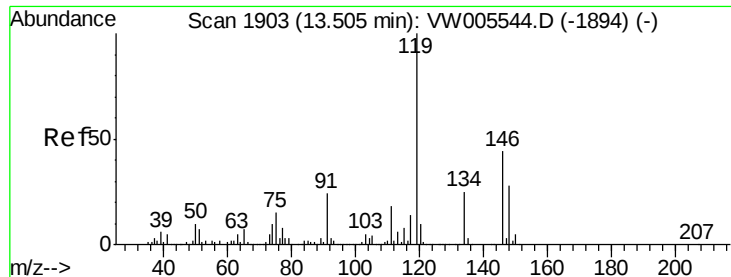
Tgt Ion:105 Resp: 271616
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.876 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005693.D
 Acq: 27 Sep 2018 12:17

Tgt Ion:119 Resp: 243019
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.225 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

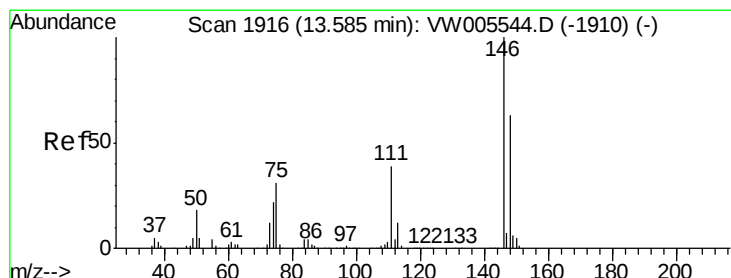
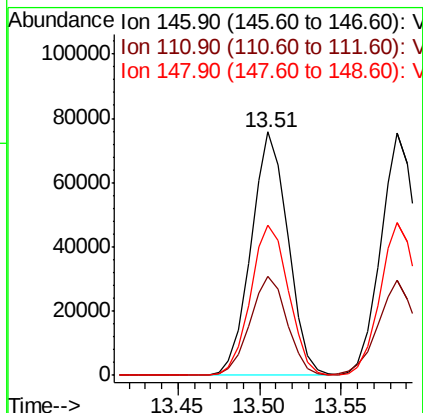
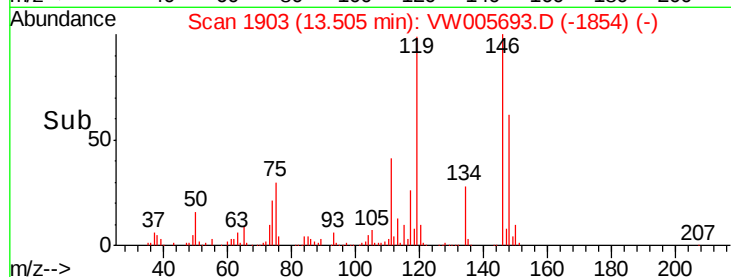
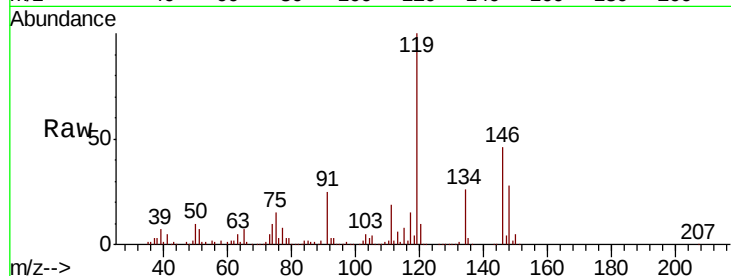
Tgt Ion:146 Resp: 118994

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.200 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

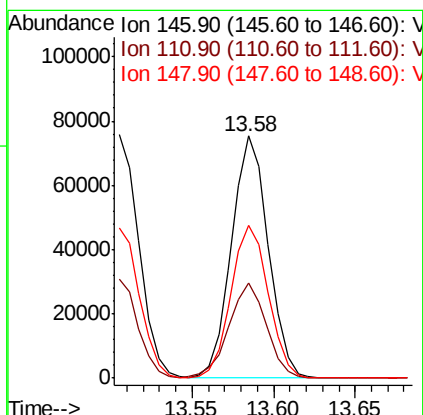
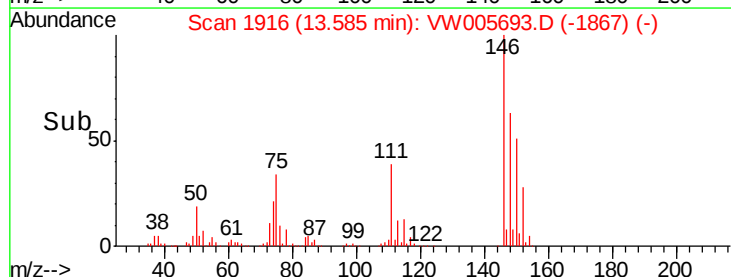
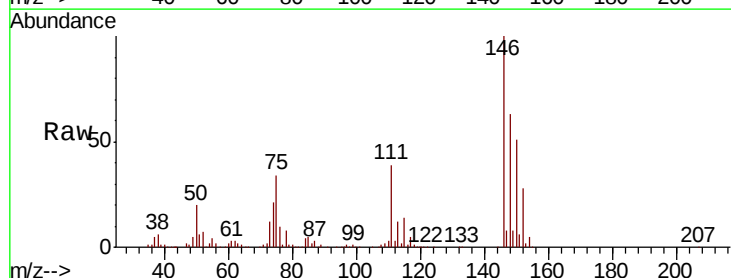
Tgt Ion:146 Resp: 118207

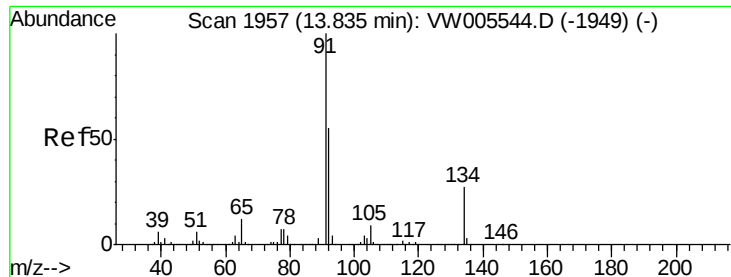
Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 22.153 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

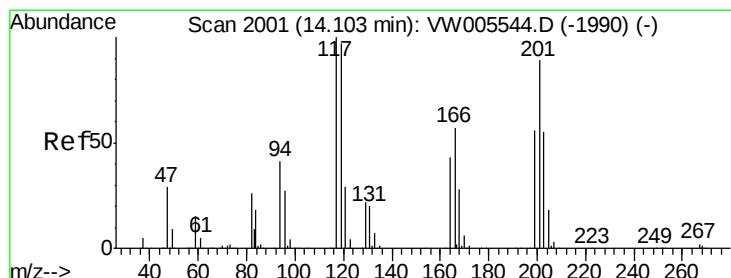
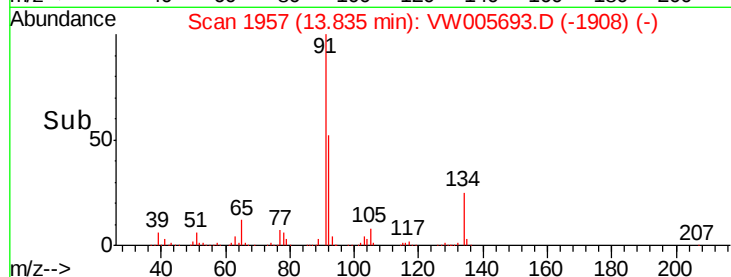
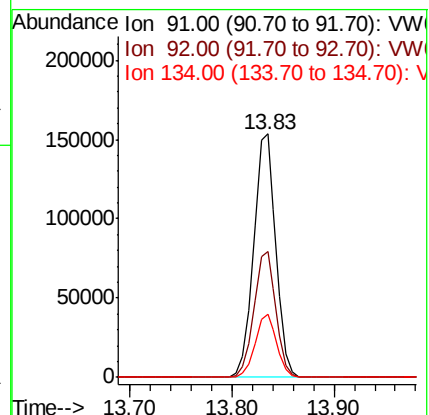
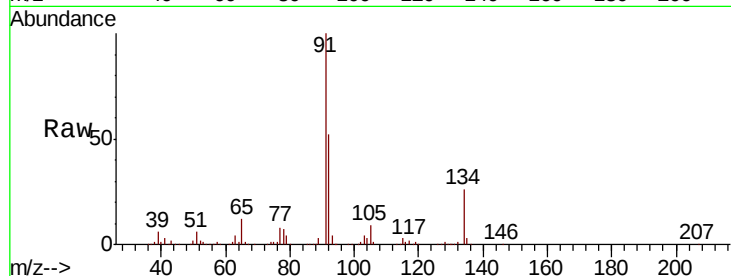
Tgt Ion: 91 Resp: 232130

Ion Ratio Lower Upper

91 100

92 51.2 26.5 79.5

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 21.156 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005693.D

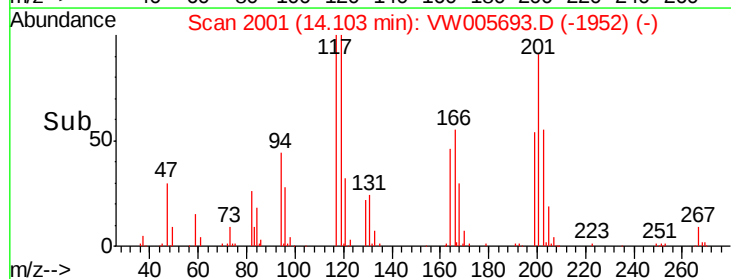
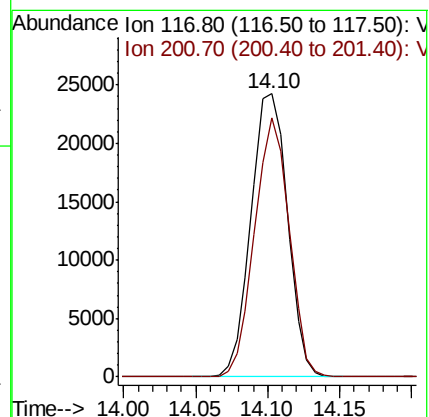
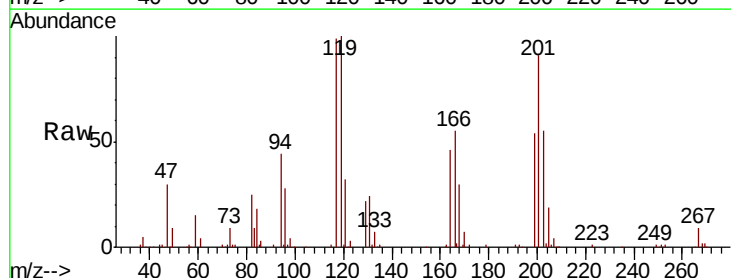
Acq: 27 Sep 2018 12:17

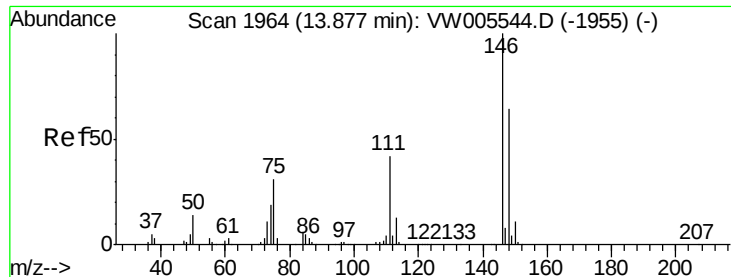
Tgt Ion: 117 Resp: 42598

Ion Ratio Lower Upper

117 100

201 86.5 42.8 128.3





#91

1,2-Dichlorobenzene

Concen: 21.072 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

Instrument :

MSVOA_W

ClientSampleId :

VW0927SBSD01

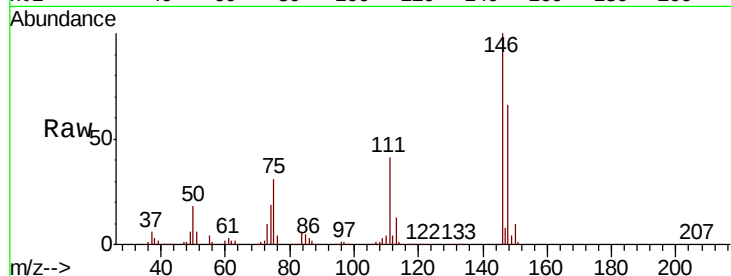
Tgt Ion:146 Resp: 104288

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

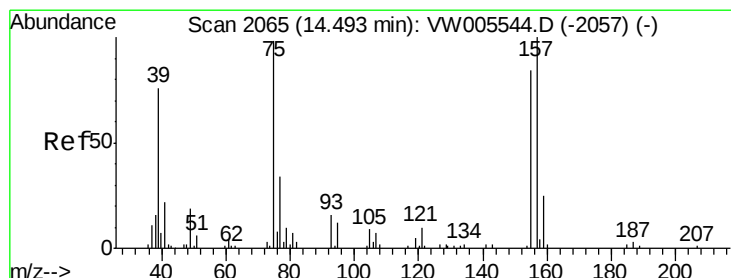
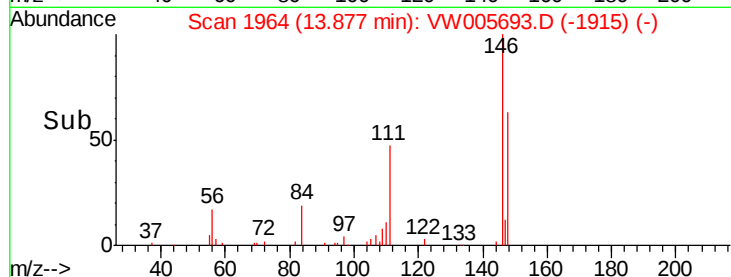
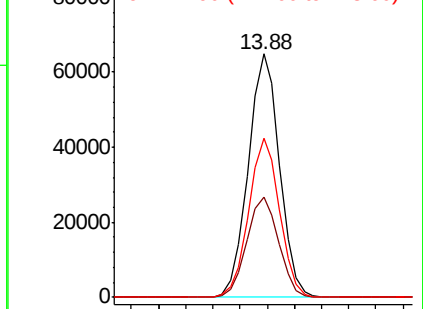
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.555 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005693.D

Acq: 27 Sep 2018 12:17

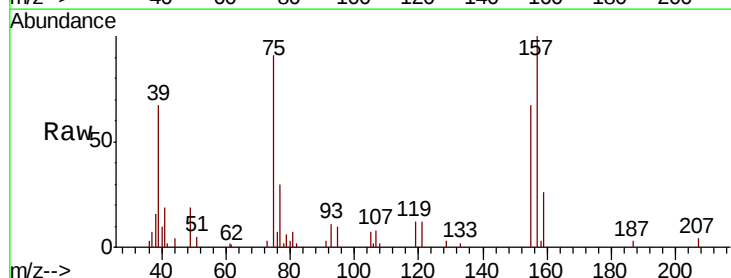
Tgt Ion: 75 Resp: 6869

Ion Ratio Lower Upper

75 100

155 77.8 39.1 117.5

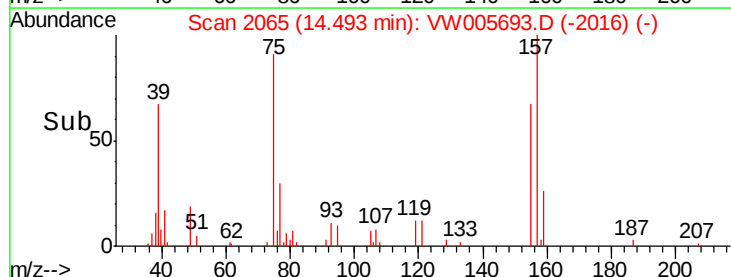
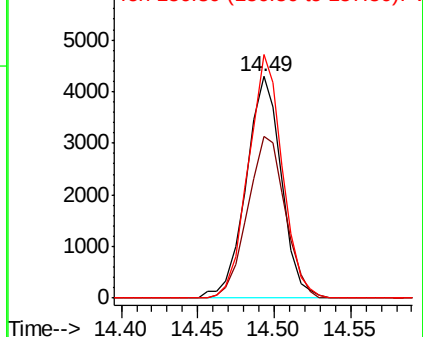
157 105.9 50.8 152.4

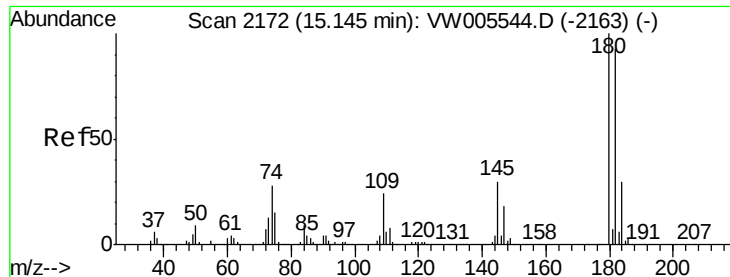


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

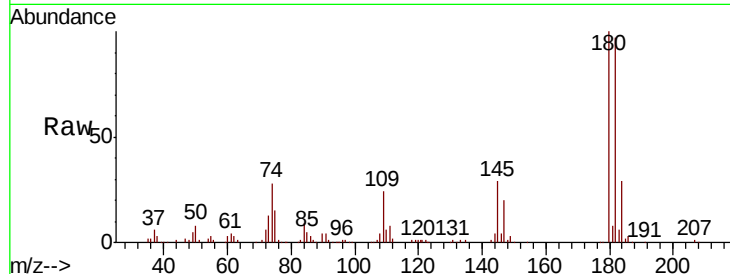




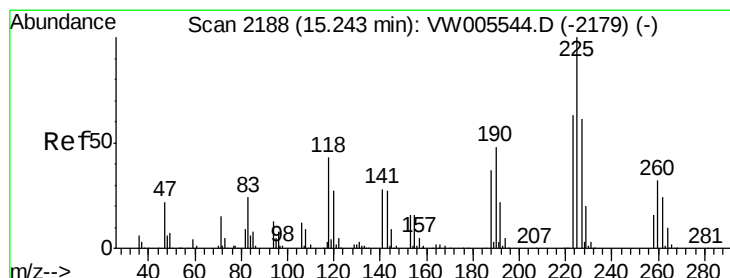
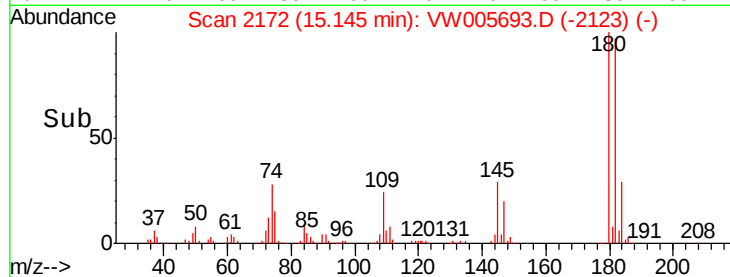
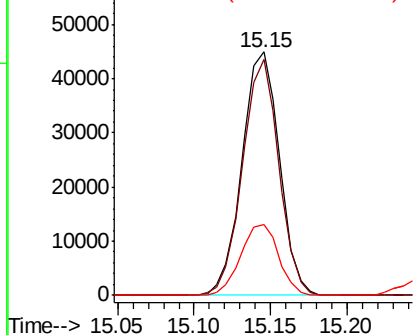
#93
1,2,4-Trichlorobenzene
Concen: 21.659 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tgt Ion:180 Resp: 76468
Ion Ratio Lower Upper
180 100
182 94.1 47.7 143.1
145 29.7 15.0 45.1

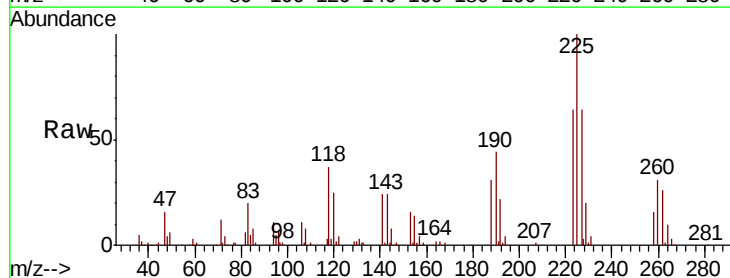


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

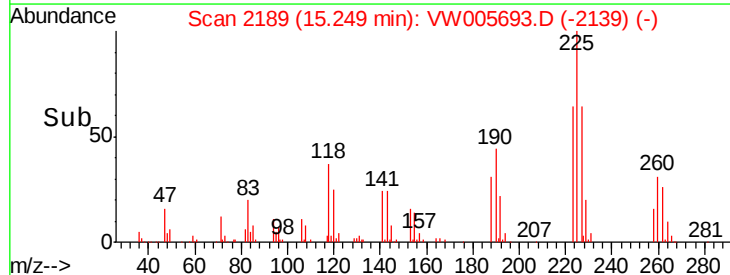
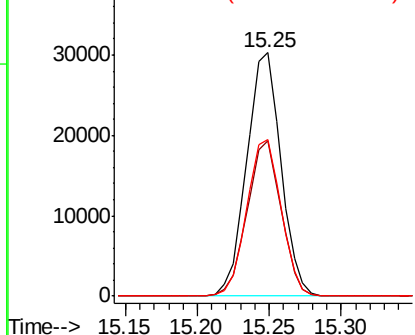


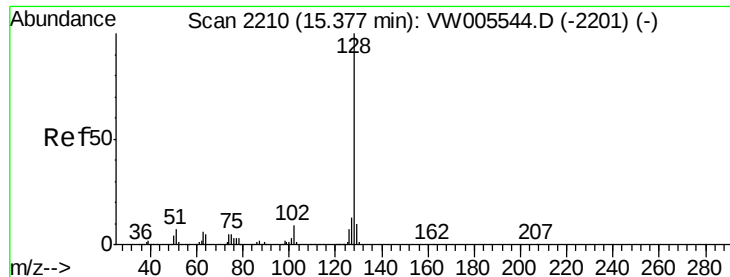
#94
Hexachlorobutadiene
Concen: 21.771 ug/l
RT: 15.25 min Scan# 2189
Delta R.T. 0.01 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:225 Resp: 49796
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.3
227 64.5 31.8 95.3



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

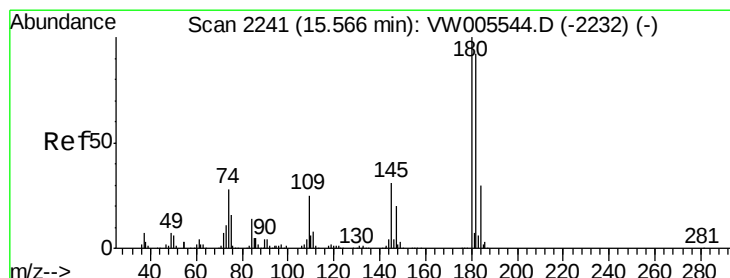
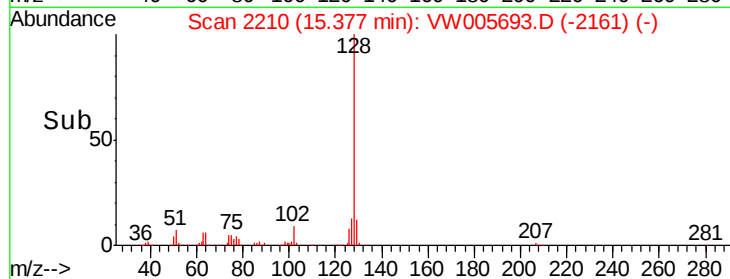
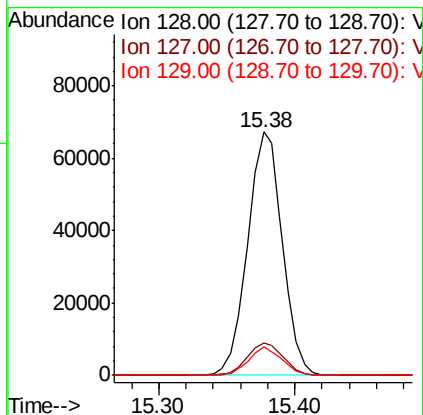
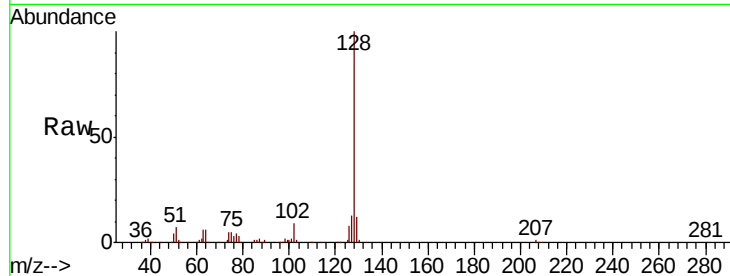




#95
Naphthalene
Concen: 20.246 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Instrument :
MSVOA_W
ClientSampleId :
VW0927SBSD01

Tgt Ion:128 Resp: 120229
Ion Ratio Lower Upper
128 100
127 13.8 10.9 16.3
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.376 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005693.D
Acq: 27 Sep 2018 12:17

Tgt Ion:180 Resp: 66508
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.9 16.0 47.9

