

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006553.D
 Acq On : 01 Nov 2018 12:39
 Operator : SY/AP
 Sample : VW1102SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

Quant Time: Nov 01 13:26:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	442964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	402686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125275	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.88	113	133617	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.33	98	517739	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.62	95	185494	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	35655	21.50	ug/l	100
3) Chloromethane	2.21	50	40745	19.86	ug/l	97
4) Vinyl Chloride	2.37	62	59451	20.75	ug/l	100
5) Bromomethane	2.79	94	48962	20.36	ug/l	94
6) Chloroethane	2.93	64	39303	19.63	ug/l	100
7) Trichlorofluoromethane	3.26	101	51026	20.17	ug/l	100
8) Diethyl Ether	3.68	74	24060	17.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57077	21.13	ug/l	99
10) Methyl Iodide	4.26	142	93389	19.06	ug/l	99
11) Tert butyl alcohol	5.21	59	4054	27.36	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	52836	20.25	ug/l	99
13) Acrolein	3.90	56	18136	97.32	ug/l	100
14) Allyl chloride	4.67	41	67017	19.67	ug/l	99
15) Acrylonitrile	5.37	53	43465	87.64	ug/l	98
16) Acetone	4.14	43	56391	127.01	ug/l	96
17) Carbon Disulfide	4.37	76	152522	20.54	ug/l	100
18) Methyl Acetate	4.67	43	20666	16.19	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	72884	18.76	ug/l	96
20) Methylene Chloride	4.91	84	55709	15.20	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58010	19.65	ug/l	97
22) Diisopropyl ether	6.31	45	134026	18.87	ug/l	97
23) Vinyl Acetate	6.26	43	373579	94.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	91641	19.04	ug/l	99
25) 2-Butanone	7.18	43	63576	100.35	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63564	21.92	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	62609	18.95	ug/l	99
28) Bromochloromethane	7.51	49	34476	18.04	ug/l	100
29) Tetrahydrofuran	7.54	42	34878	87.52	ug/l	98
30) Chloroform	7.68	83	98636	18.69	ug/l	98
31) Cyclohexane	7.96	56	87759	20.03	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	89925	20.14	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81111	20.82	ug/l	99
37) Ethyl Acetate	7.26	43	25857	19.15	ug/l	99
38) Carbon Tetrachloride	8.07	117	86208	21.18	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107032	21.65	ug/l	97
40) Benzene	8.32	78	220808	19.96	ug/l	99
41) Methacrylonitrile	7.49	41	14329	17.31	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61175	19.28	ug/l	99
43) Isopropyl Acetate	8.43	43	49947	18.54	ug/l	99
44) Trichloroethene	9.09	130	68312	20.01	ug/l	99
45) 1,2-Dichloropropane	9.37	63	50676	19.68	ug/l	99
46) Dibromomethane	9.46	93	28321	18.71	ug/l	98
47) Bromodichloromethane	9.65	83	68895	19.60	ug/l	99
48) Methyl methacrylate	9.44	41	23827	18.36	ug/l	98
49) 1,4-Dioxane	9.48	88	8300	374.69	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	126088	91.14	ug/l	100
52) Toluene	10.39	92	148542	20.02	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66943	19.79	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	79512	19.89	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40479	18.85	ug/l	97
56) Ethyl methacrylate	10.65	69	44534	18.24	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66060	18.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111766	94.19	ug/l	99
59) 2-Hexanone	10.98	43	98371	104.69	ug/l	98
60) Dibromochloromethane	11.13	129	48576	19.09	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39676	18.60	ug/l	99
64) Tetrachloroethene	10.87	164	62563	19.49	ug/l	97
65) Chlorobenzene	11.66	112	171313	20.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	59132	19.85	ug/l	99
67) Ethyl Benzene	11.74	91	291112	20.55	ug/l	100
68) m/p-Xylenes	11.84	106	232196	41.03	ug/l	100
69) o-Xylene	12.17	106	109942	20.41	ug/l	99
70) Styrene	12.19	104	174570	19.88	ug/l	99
71) Bromoform	12.35	173	29712	18.82	ug/l	99
73) Isopropylbenzene	12.47	105	306770	20.67	ug/l	100
74) N-amyl acetate	12.28	43	47926	18.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44650	19.05	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	56342	32.06	ug/l #	100
77) Bromobenzene	12.75	156	76806	19.99	ug/l	100
78) n-propylbenzene	12.81	91	355919	20.85	ug/l	99
79) 2-Chlorotoluene	12.90	91	197653	20.18	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	258368	20.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12015	19.42	ug/l	96
82) 4-Chlorotoluene	12.99	91	211719	20.43	ug/l	99
83) tert-Butylbenzene	13.21	119	230448	20.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263645	20.62	ug/l	100
85) sec-Butylbenzene	13.39	105	329968	21.19	ug/l	100
86) p-Isopropyltoluene	13.51	119	297846	21.02	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	154444	20.41	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	153576	20.48	ug/l	99
89) n-Butylbenzene	13.83	91	271326	21.57	ug/l	99
90) Hexachloroethane	14.10	117	47492	20.40	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	135245	19.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6879	18.09	ug/l	97

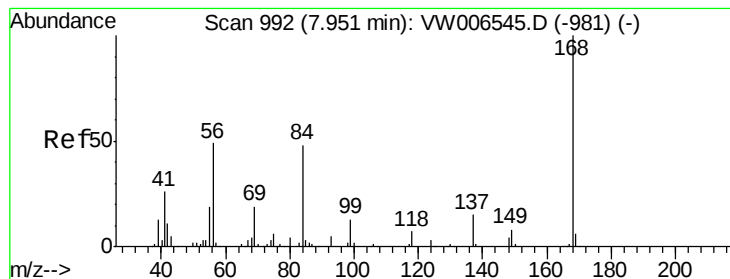
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	103405	20.43	ug/l	100
94) Hexachlorobutadiene	15.24	225	67726	21.47	ug/l	99
95) Naphthalene	15.38	128	154644	19.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	88485	19.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

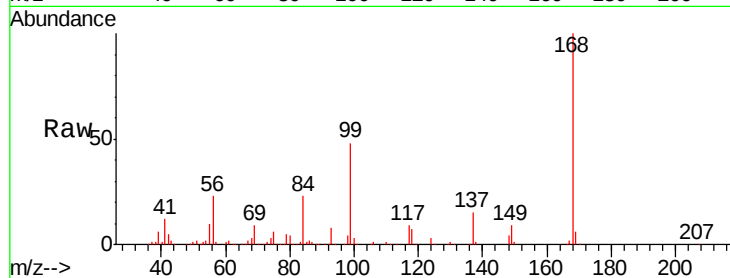
VW1102SBS01

Tgt Ion:168 Resp: 319928

Ion Ratio Lower Upper

168 100

99 48.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

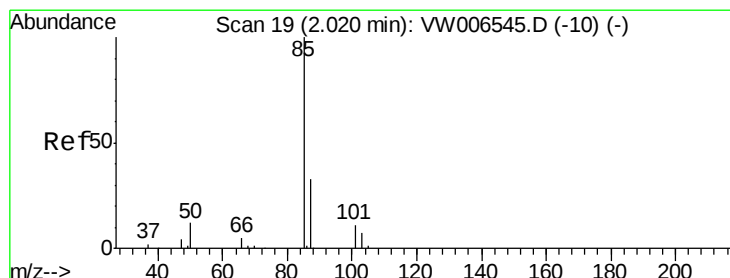
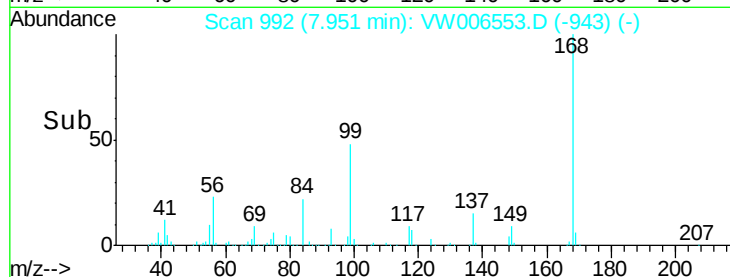
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.50 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006553.D

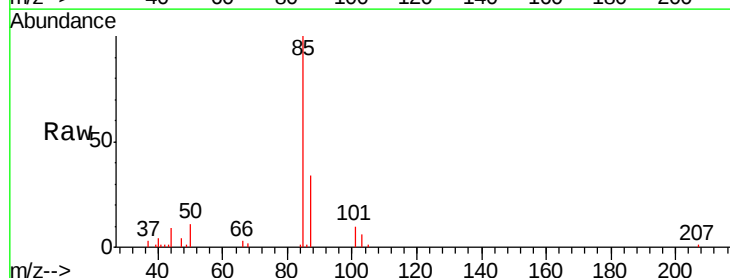
Acq: 01 Nov 2018 12:39

Tgt Ion: 85 Resp: 35655

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

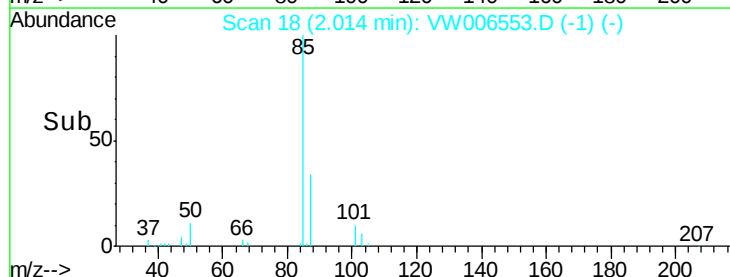
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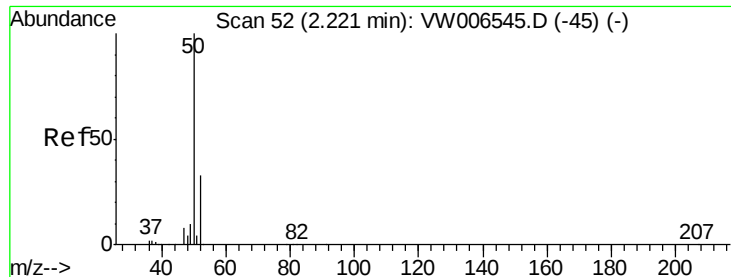
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.86 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

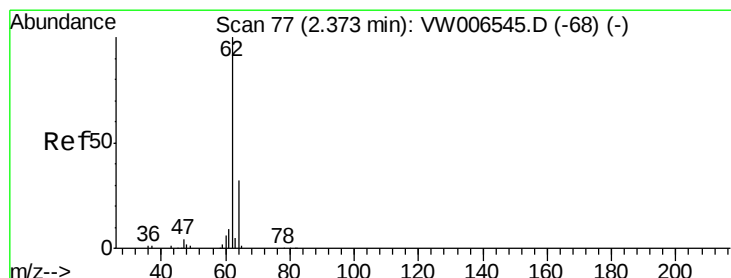
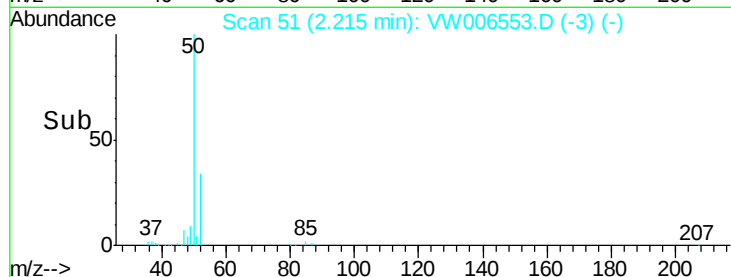
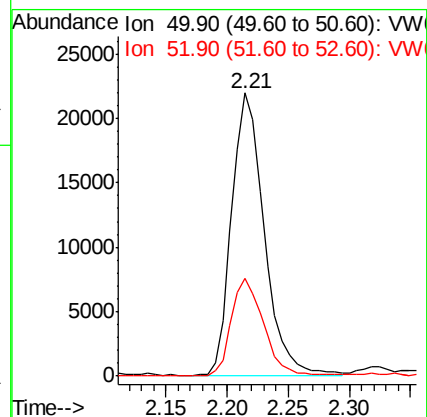
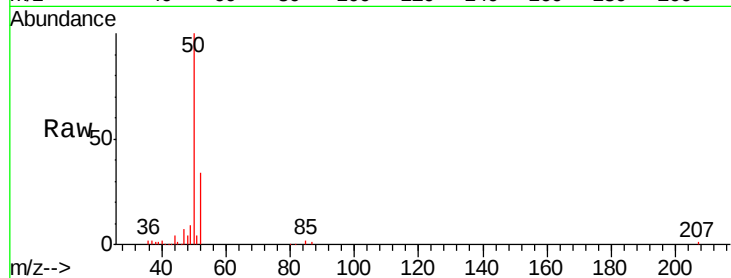
VW1102SBS01

Tgt Ion: 50 Resp: 40745

Ion Ratio Lower Upper

50 100

52 34.4 26.2 39.4



#4

Vinyl Chloride

Concen: 20.75 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006553.D

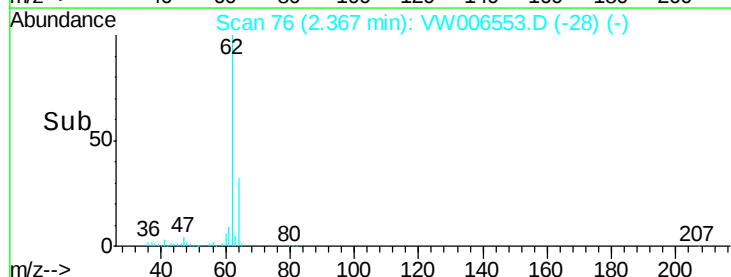
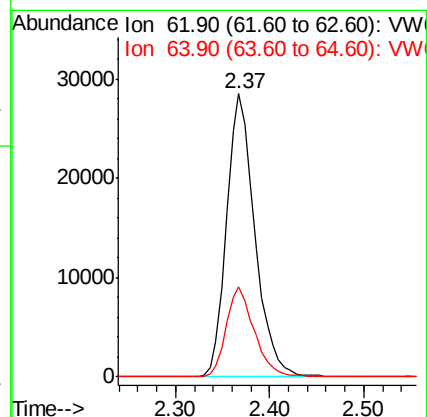
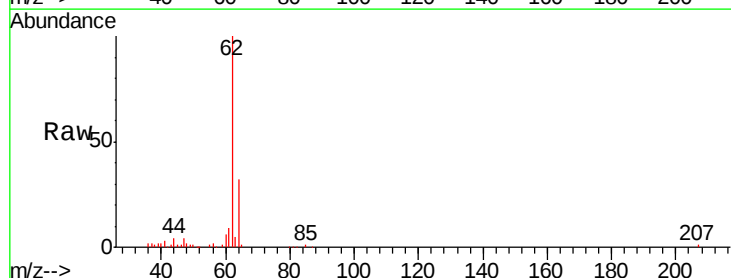
Acq: 01 Nov 2018 12:39

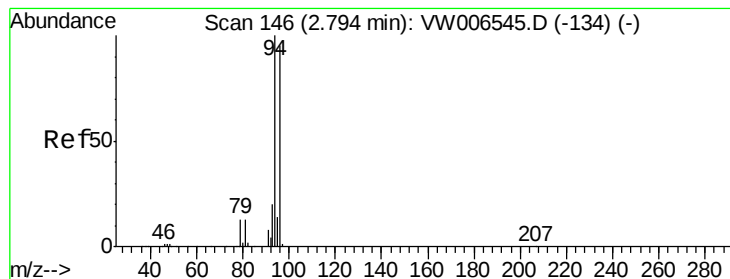
Tgt Ion: 62 Resp: 59451

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 20.36 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

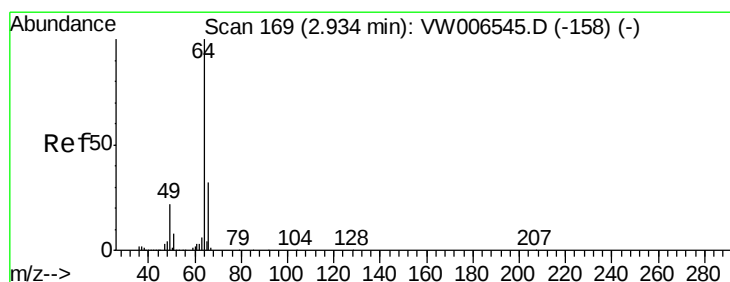
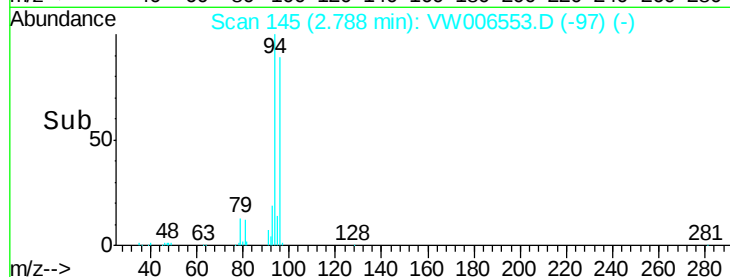
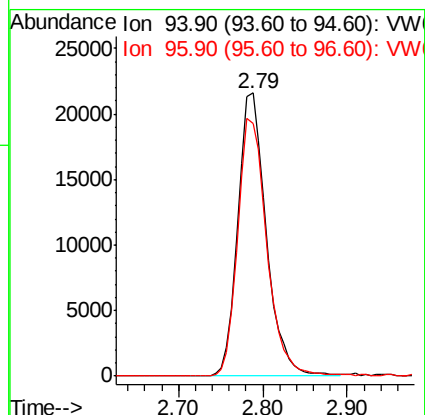
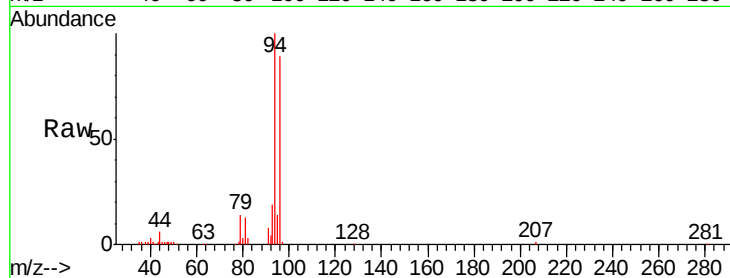
VW1102SBS01

Tgt Ion: 94 Resp: 48962

Ion Ratio Lower Upper

94 100

96 89.1 75.7 113.5



#6

Chloroethane

Concen: 19.63 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006553.D

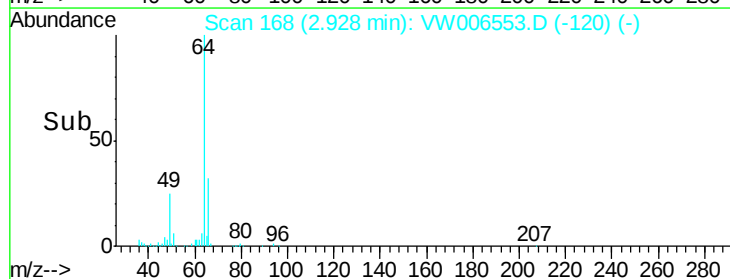
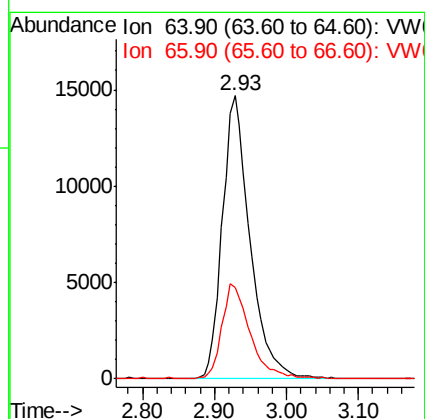
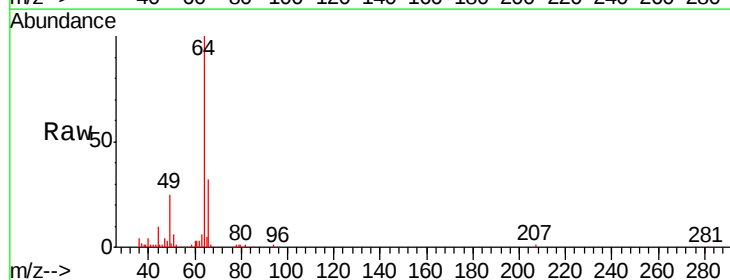
Acq: 01 Nov 2018 12:39

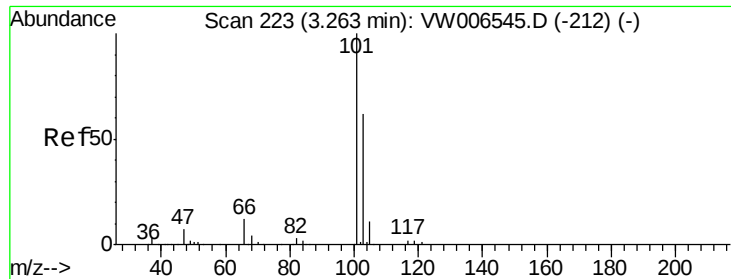
Tgt Ion: 64 Resp: 39303

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9



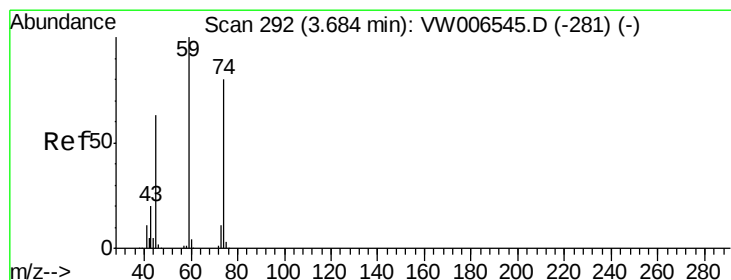
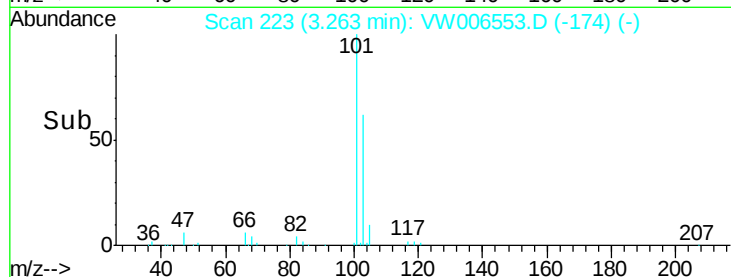
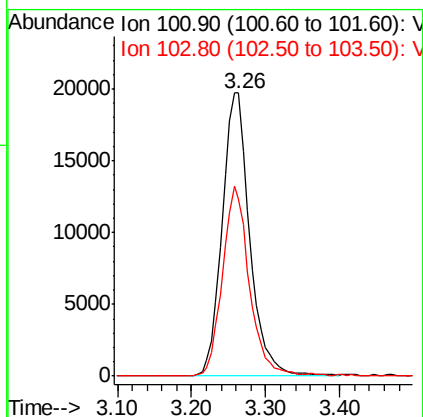
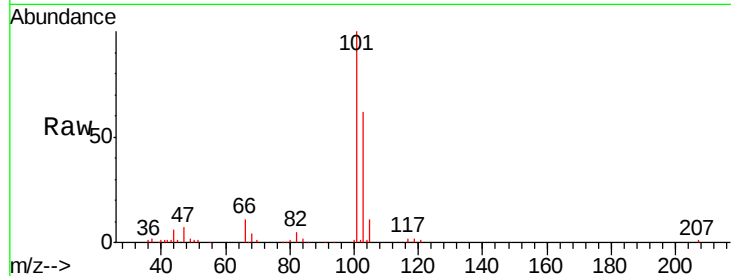


#7

Trichlorofluoromethane
 Concen: 20.17 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

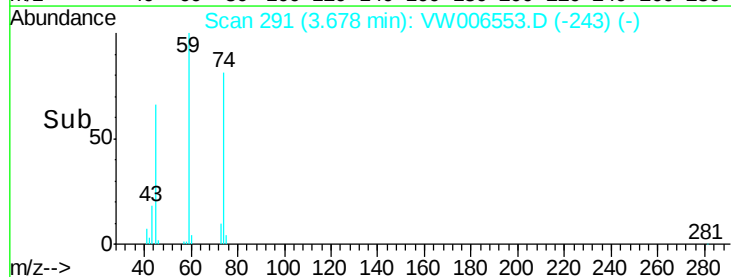
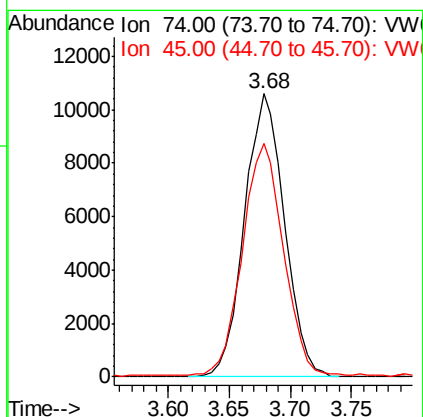
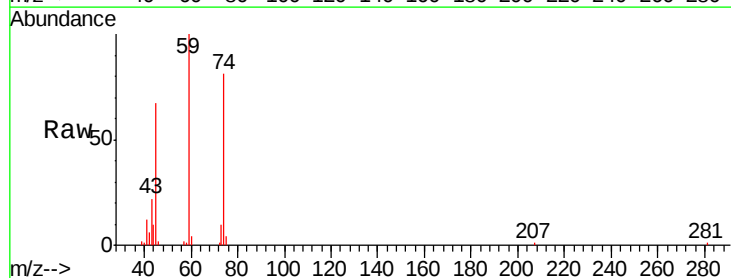
Tgt Ion:101 Resp: 51026
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.8 74.8

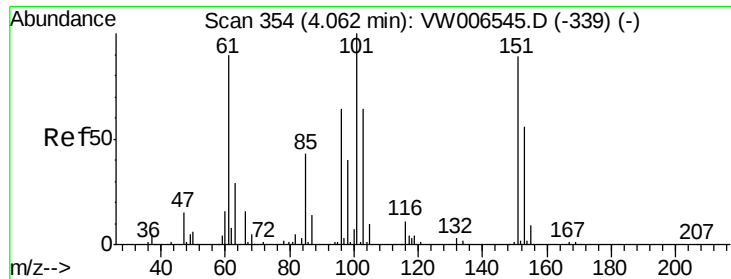


#8

Diethyl Ether
 Concen: 17.40 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 74 Resp: 24060
 Ion Ratio Lower Upper
 74 100
 45 83.9 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.13 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

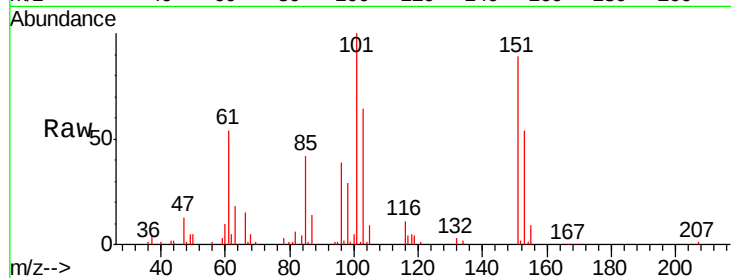
Tgt Ion:101 Resp: 57077

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.2

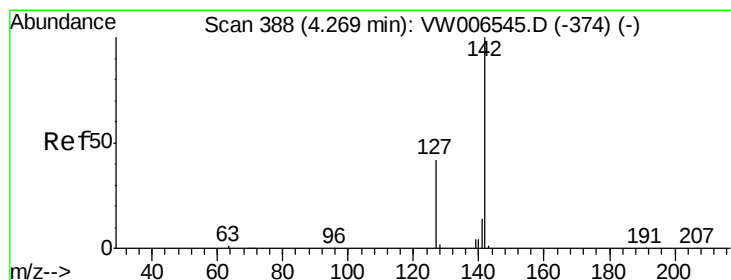
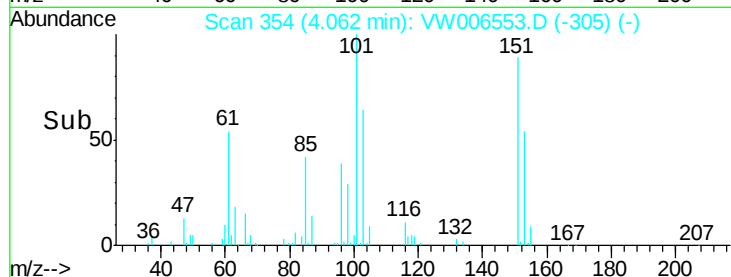
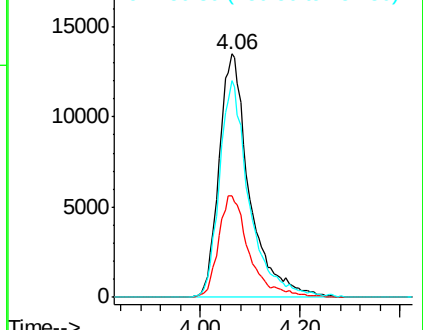
151 87.1 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.06 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

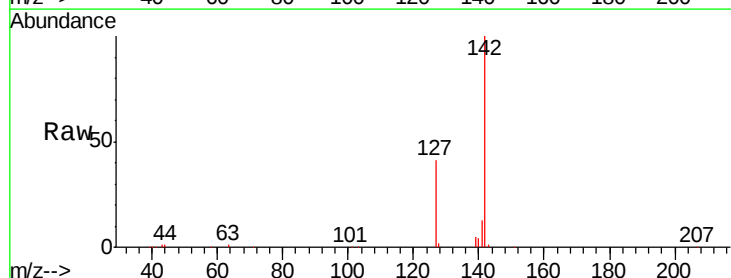
Tgt Ion:142 Resp: 93389

Ion Ratio Lower Upper

142 100

127 41.1 32.3 48.5

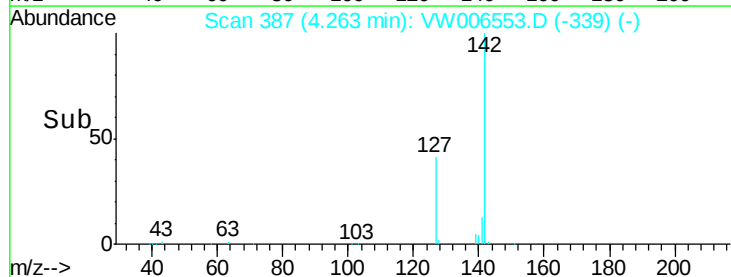
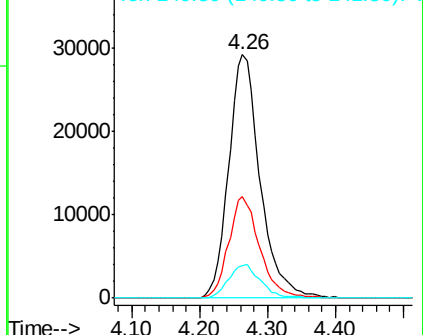
141 14.1 11.3 16.9

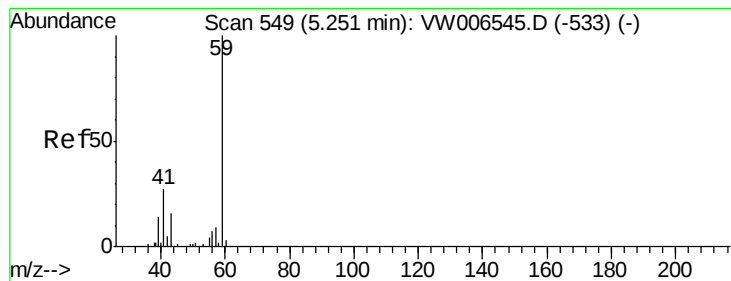


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 27.36 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.04 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampled :

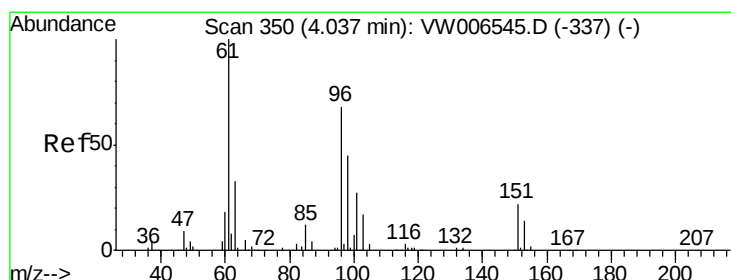
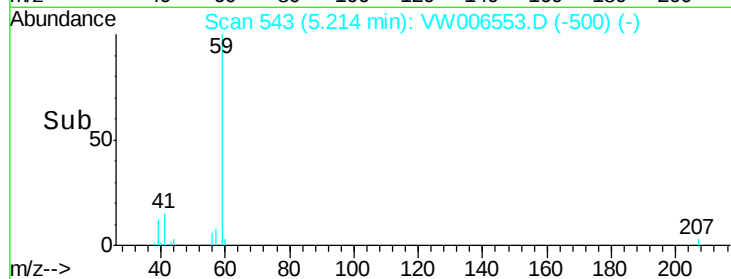
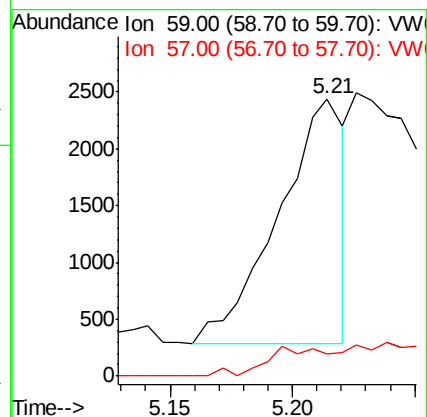
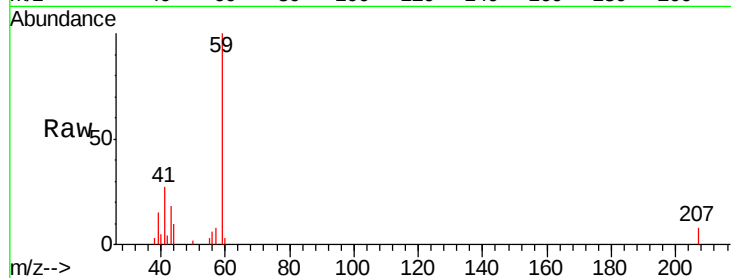
VW1102SBS01

Tgt Ion: 59 Resp: 4054

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



#12

1,1-Dichloroethene

Concen: 20.25 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

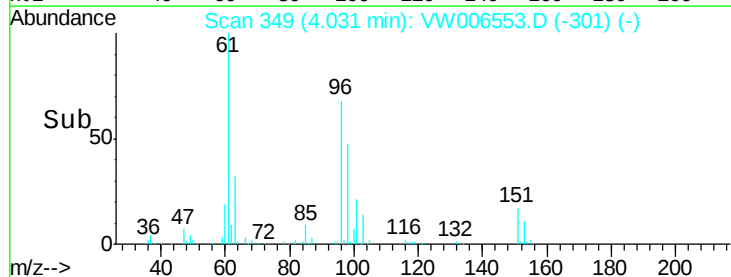
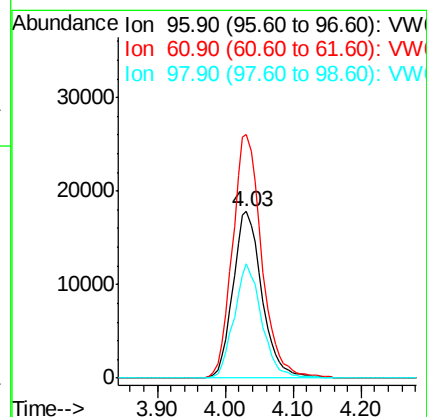
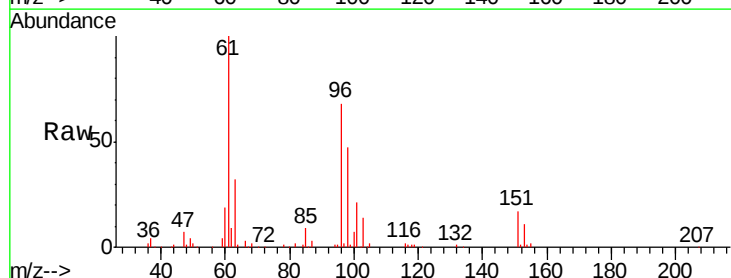
Tgt Ion: 96 Resp: 52836

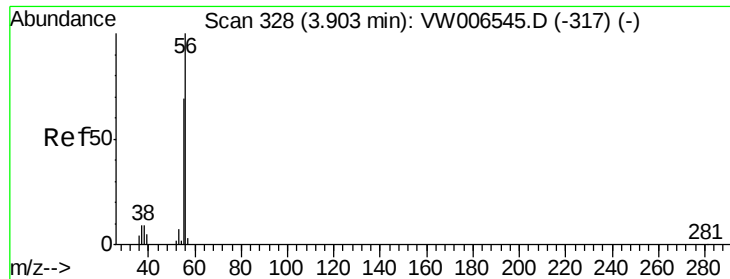
Ion Ratio Lower Upper

96 100

61 146.0 117.0 175.4

98 68.2 52.5 78.7





#13

Acrolein

Concen: 97.32 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

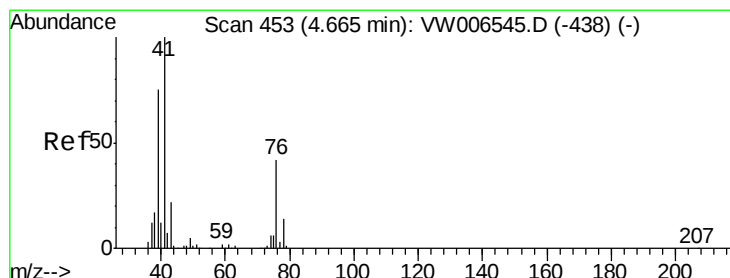
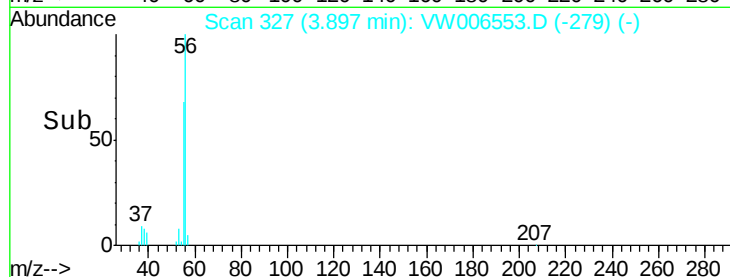
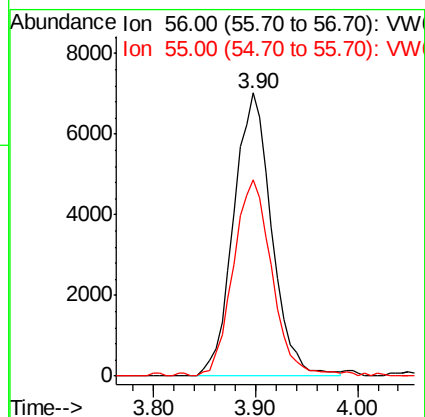
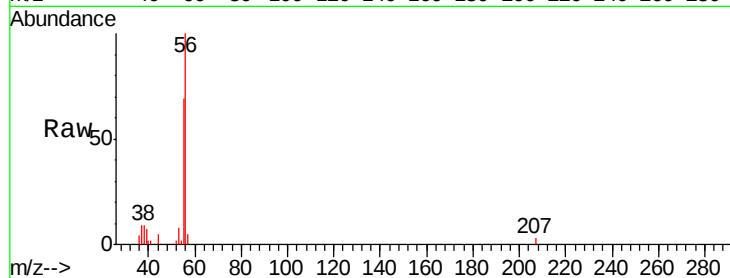
VW1102SBS01

Tgt Ion: 56 Resp: 18136

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 19.67 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

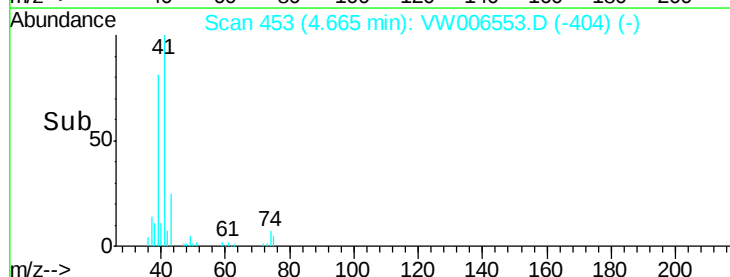
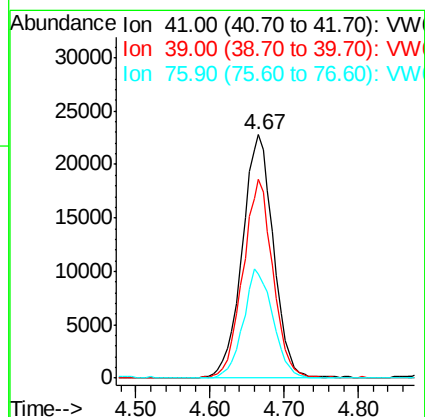
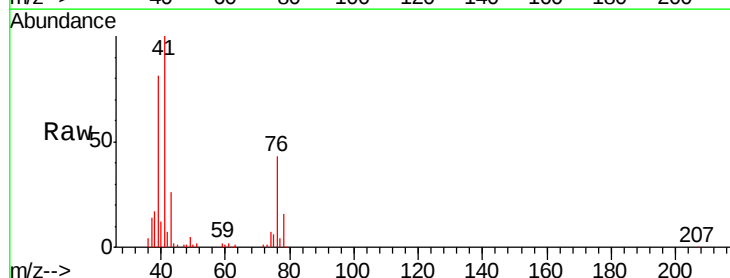
Tgt Ion: 41 Resp: 67017

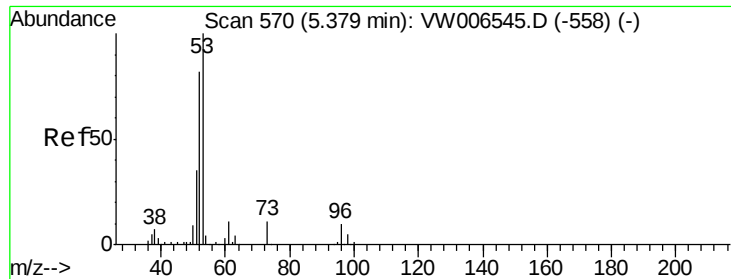
Ion Ratio Lower Upper

41 100

39 78.3 62.1 93.1

76 42.4 34.2 51.2





#15

Acrylonitrile

Concen: 87.64 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

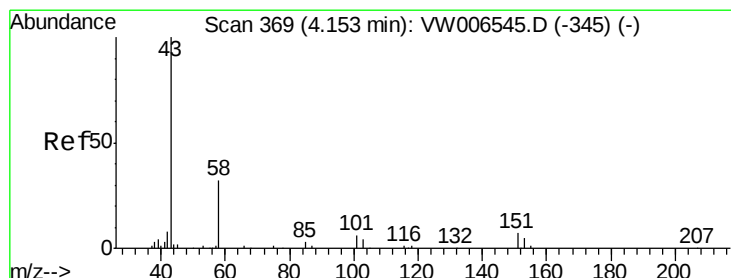
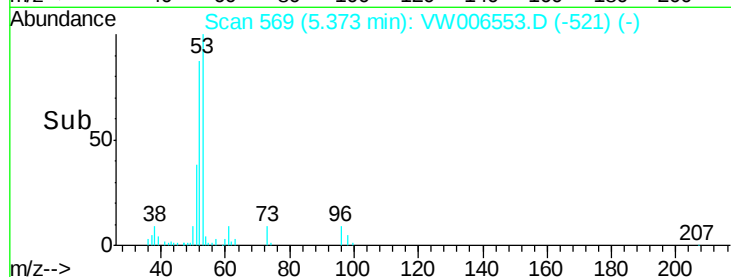
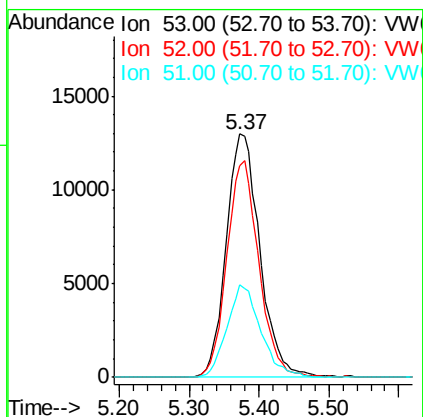
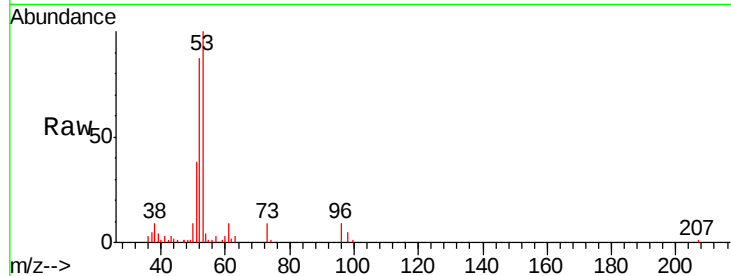
Tgt Ion: 53 Resp: 43465

Ion Ratio Lower Upper

53 100

52 84.8 65.8 98.8

51 38.0 29.6 44.4



#16

Acetone

Concen: 127.01 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006553.D

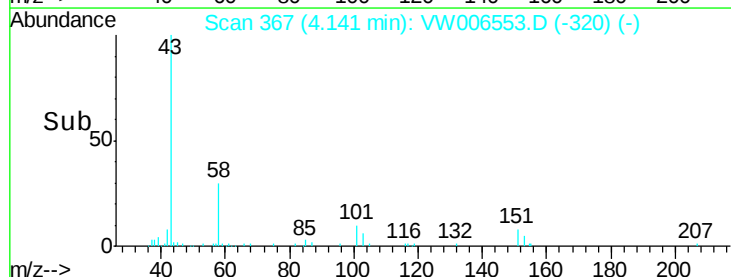
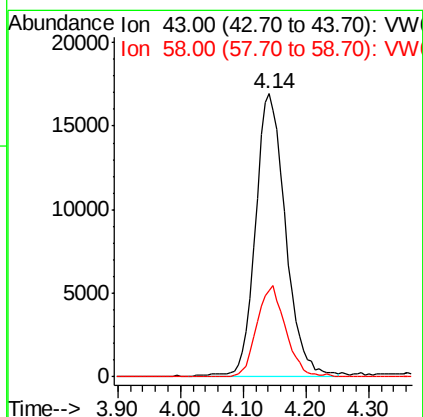
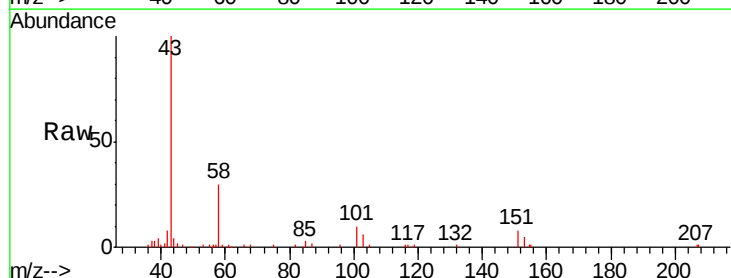
Acq: 01 Nov 2018 12:39

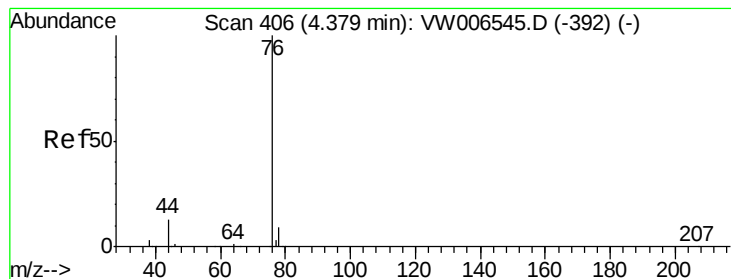
Tgt Ion: 43 Resp: 56391

Ion Ratio Lower Upper

43 100

58 30.3 25.8 38.8





#17

Carbon Disulfide

Concen: 20.54 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

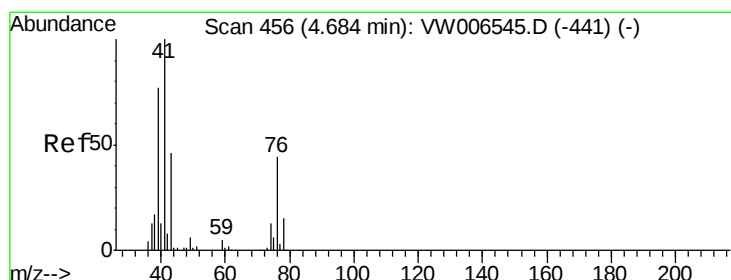
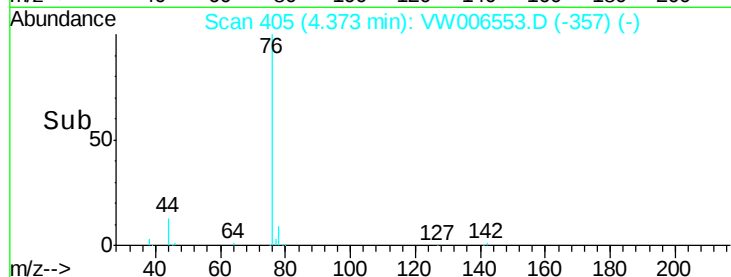
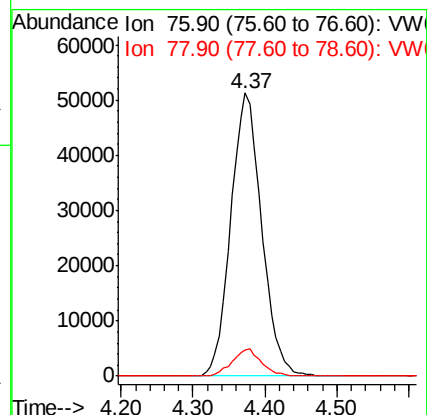
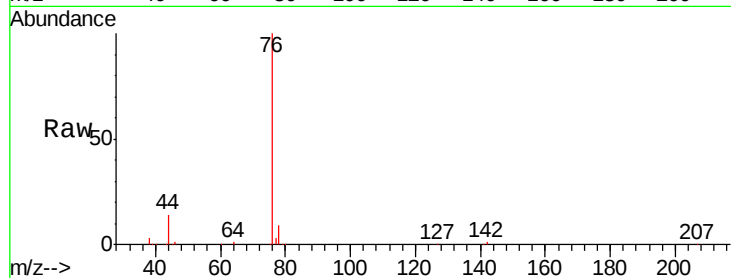
VW1102SBS01

Tgt Ion: 76 Resp: 152522

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 16.19 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006553.D

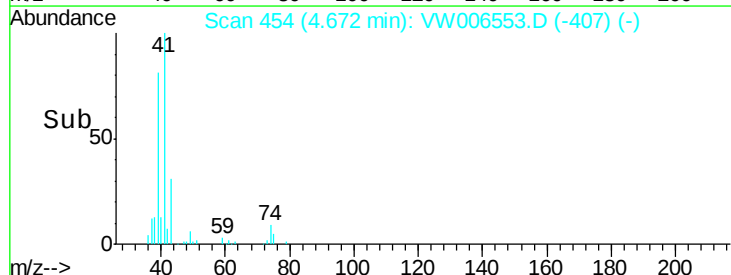
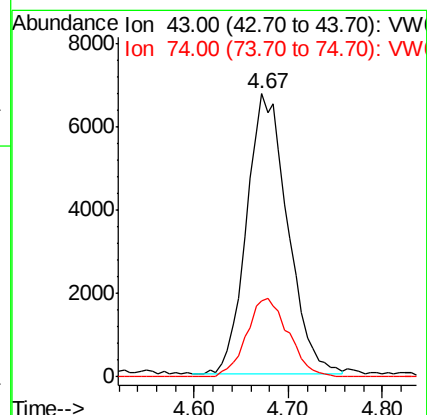
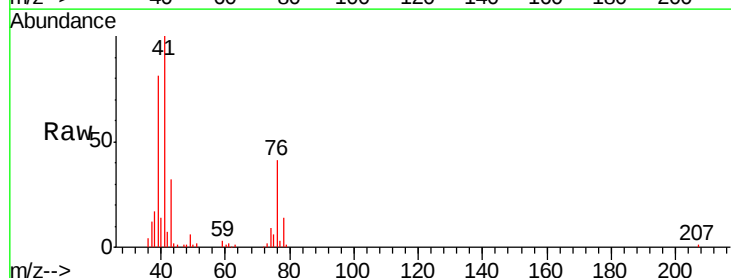
Acq: 01 Nov 2018 12:39

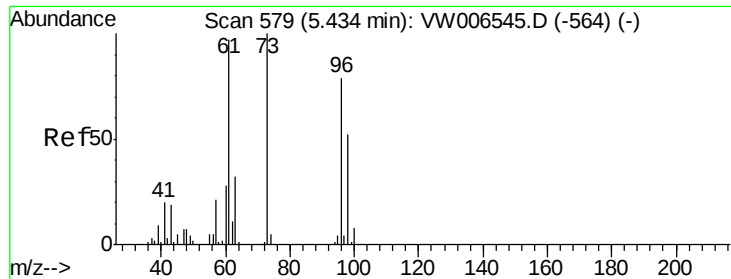
Tgt Ion: 43 Resp: 20666

Ion Ratio Lower Upper

43 100

74 28.4 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 18.76 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

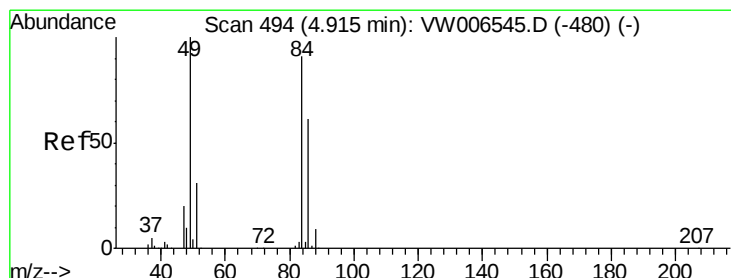
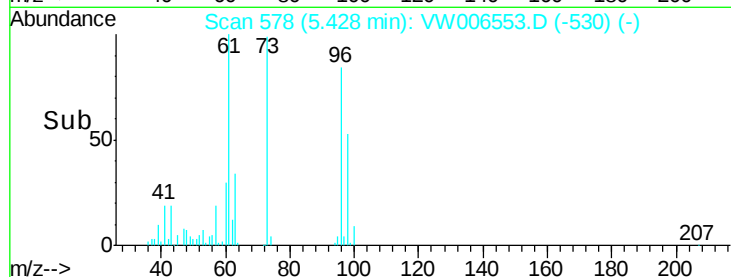
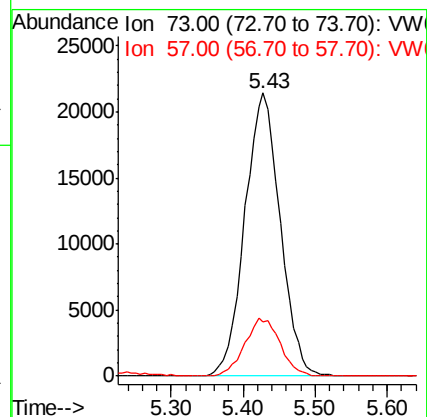
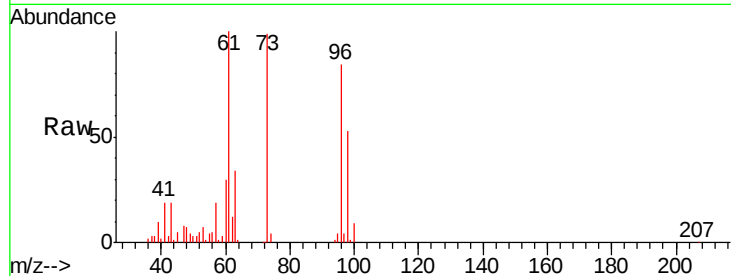
VW1102SBS01

Tgt Ion: 73 Resp: 72884

Ion Ratio Lower Upper

73 100

57 19.0 16.7 25.1



#20

Methylene Chloride

Concen: 15.20 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Tgt Ion: 84 Resp: 55709

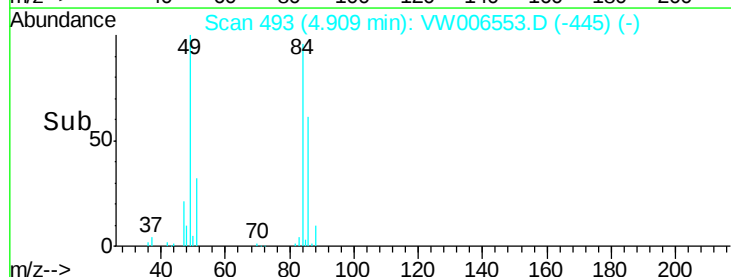
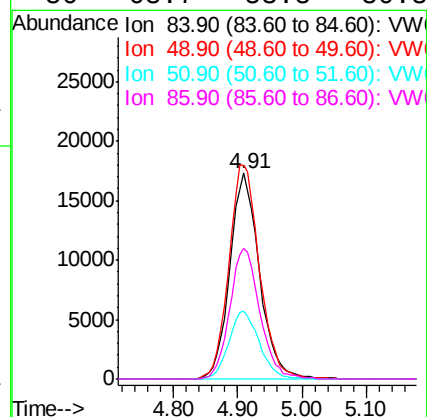
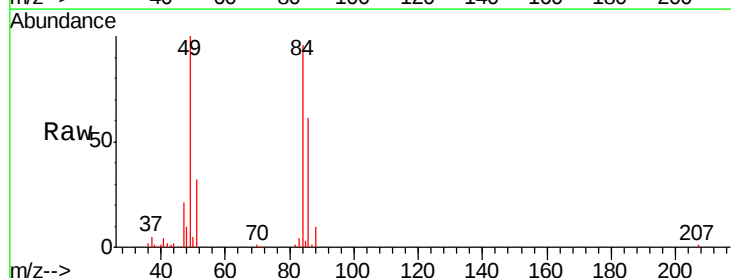
Ion Ratio Lower Upper

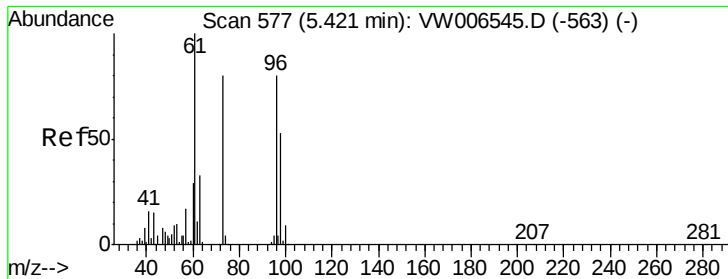
84 100

49 103.7 88.2 132.4

51 32.9 27.0 40.6

86 63.7 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 19.65 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

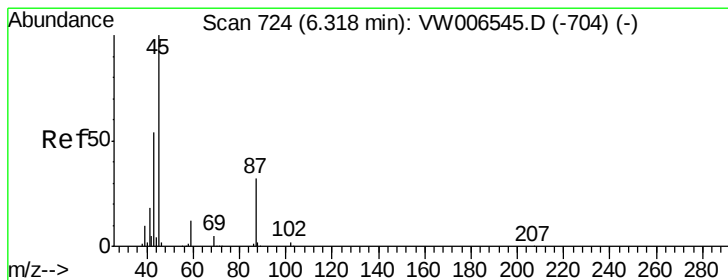
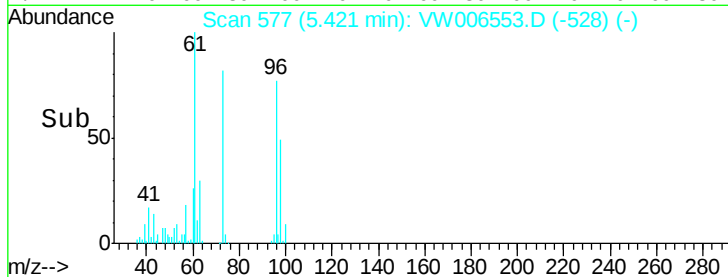
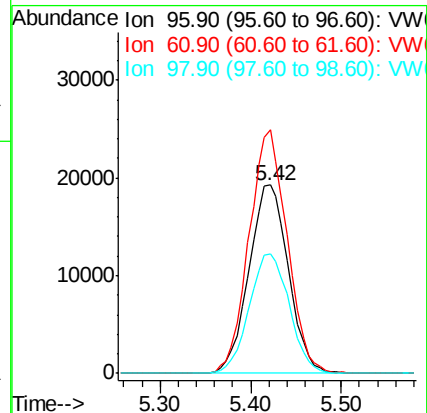
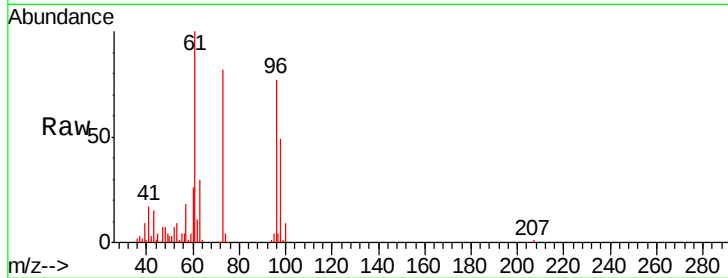
Tgt Ion: 96 Resp: 58010

Ion Ratio Lower Upper

96 100

61 129.1 100.6 150.8

98 63.4 52.9 79.3



#22

Diisopropyl ether

Concen: 18.87 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Tgt Ion: 45 Resp: 134026

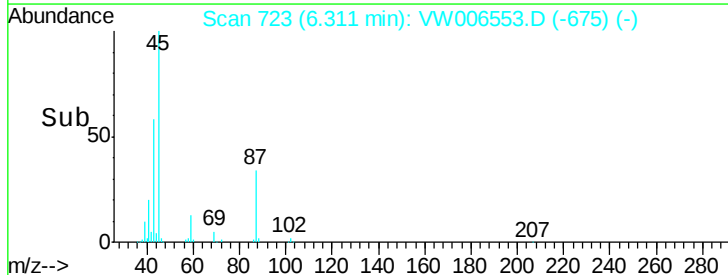
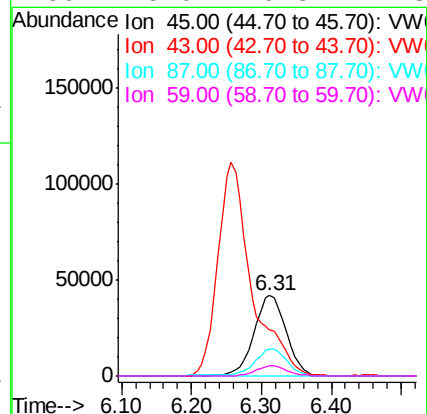
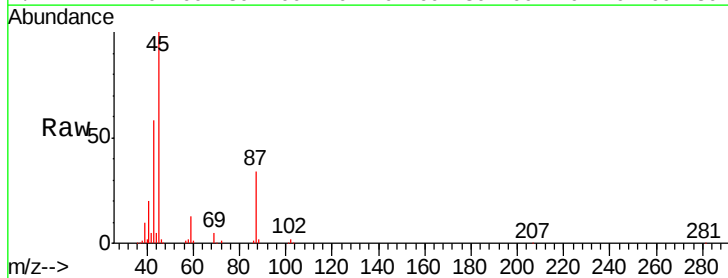
Ion Ratio Lower Upper

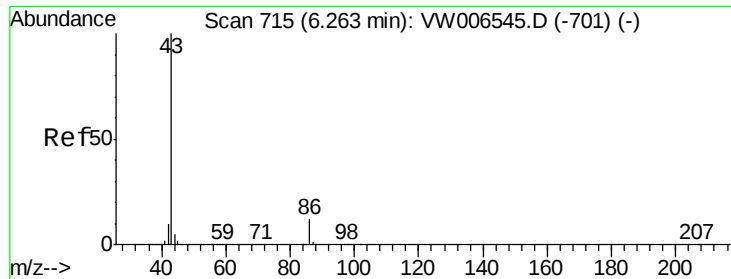
45 100

43 56.9 43.6 65.4

87 34.3 26.3 39.5

59 13.0 9.8 14.8





#23

Vinyl Acetate

Concen: 94.86 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

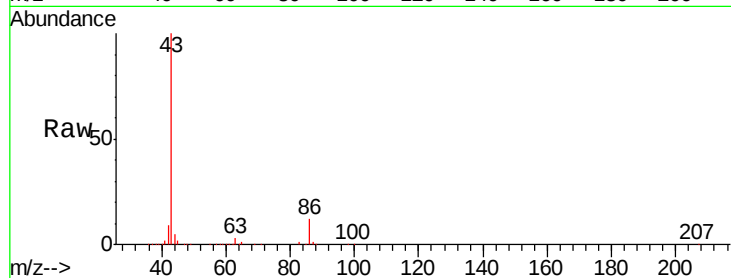
VW1102SBS01

Tgt Ion: 43 Resp: 373579

Ion Ratio Lower Upper

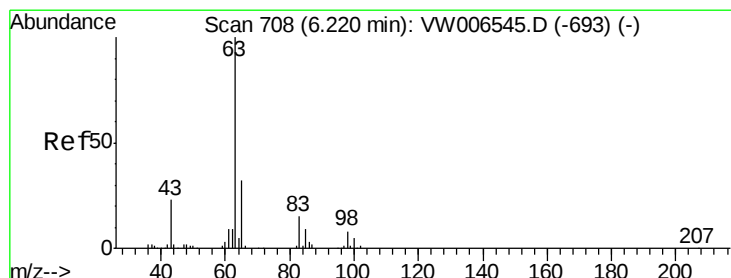
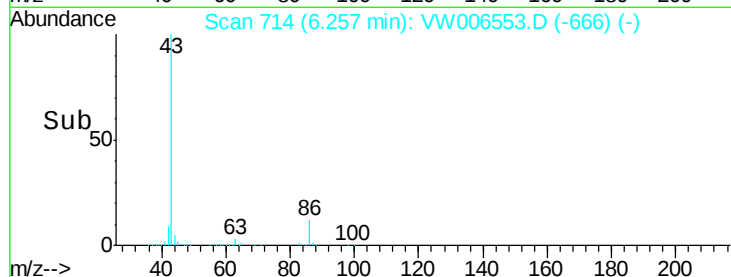
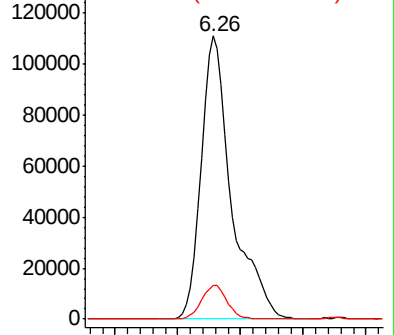
43 100

86 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.04 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

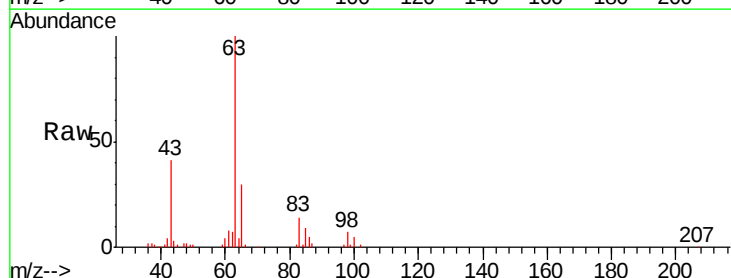
Tgt Ion: 63 Resp: 91641

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

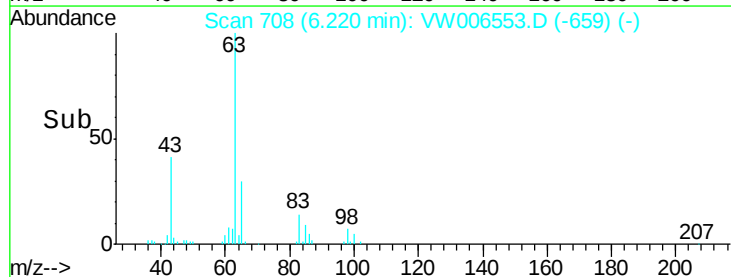
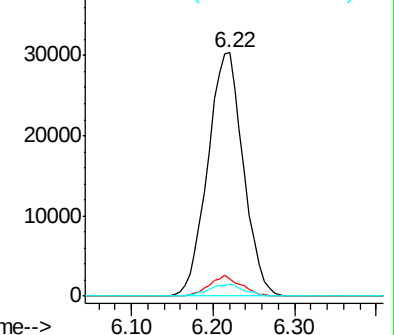
100 4.8 2.4 7.2

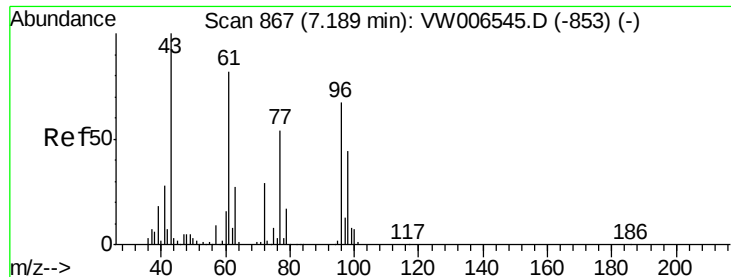


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

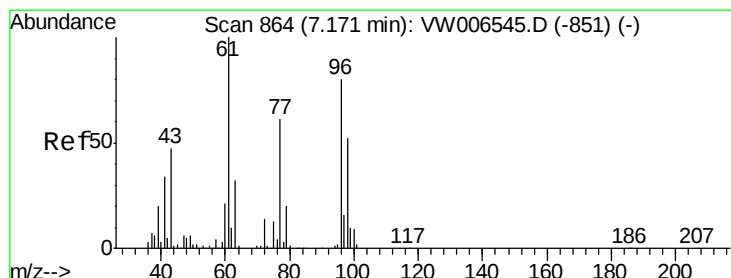
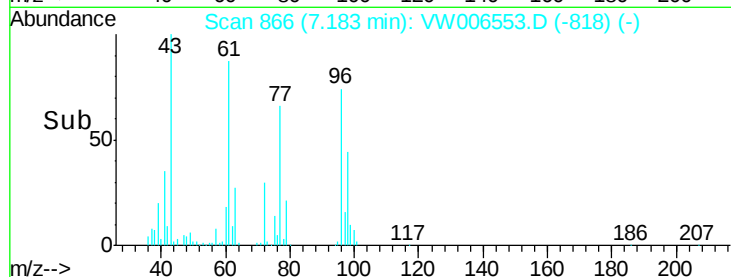
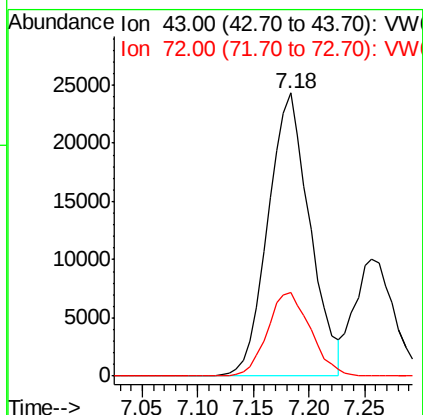
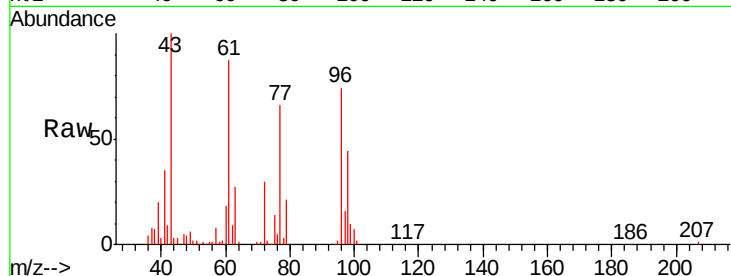




#25
2-Butanone
Concen: 100.35 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

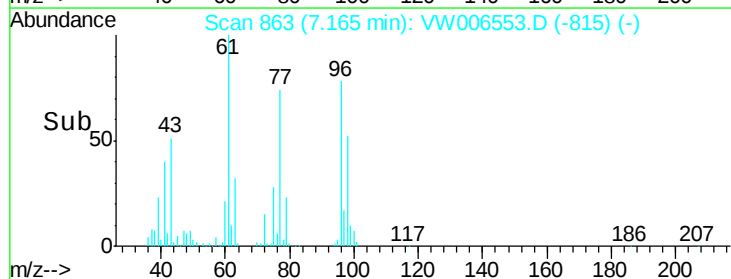
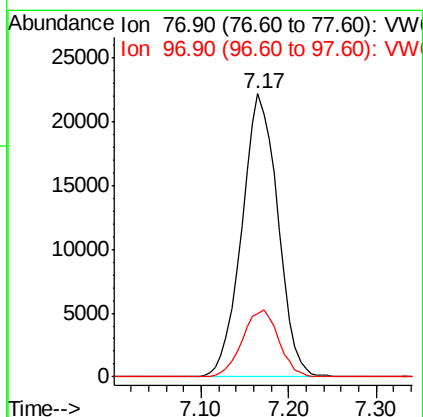
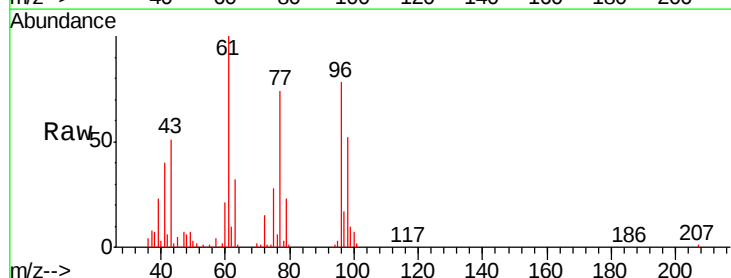
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

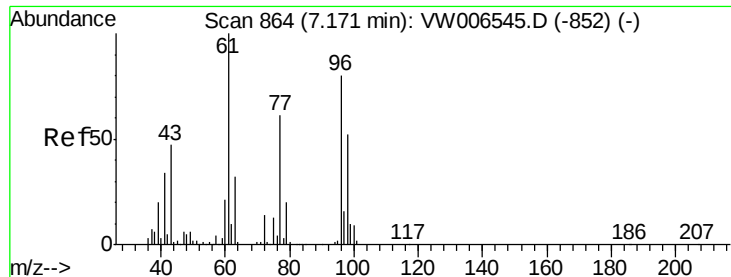
Tgt Ion: 43 Resp: 63576
Ion Ratio Lower Upper
43 100
72 29.7 23.2 34.8



#26
2,2-Dichloropropane
Concen: 21.92 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 77 Resp: 63564
Ion Ratio Lower Upper
77 100
97 23.9 12.8 38.4





#27

cis-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

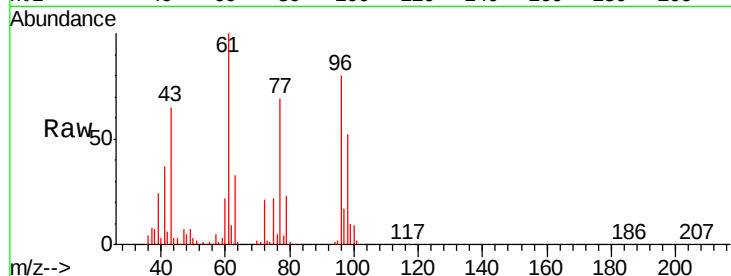
Tgt Ion: 96 Resp: 62609

Ion Ratio Lower Upper

96 100

61 128.7 0.0 254.2

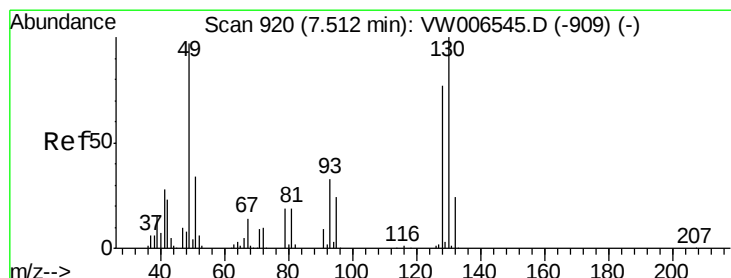
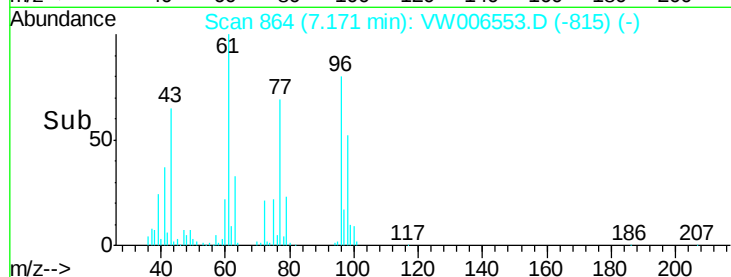
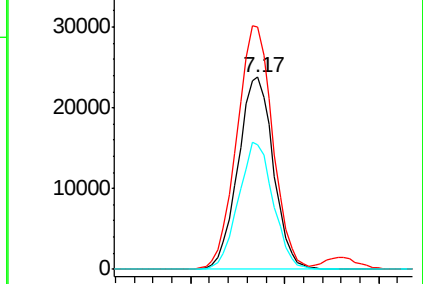
98 64.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 18.04 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

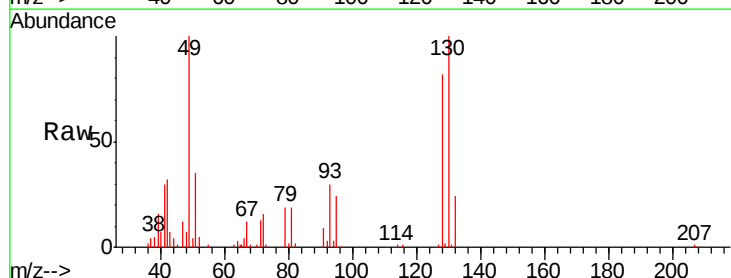
Tgt Ion: 49 Resp: 34476

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.6

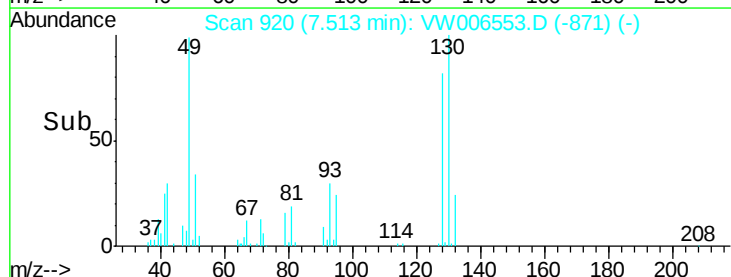
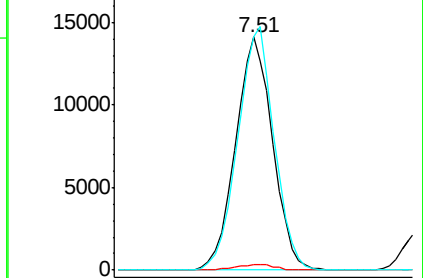
130 102.4 82.2 123.2

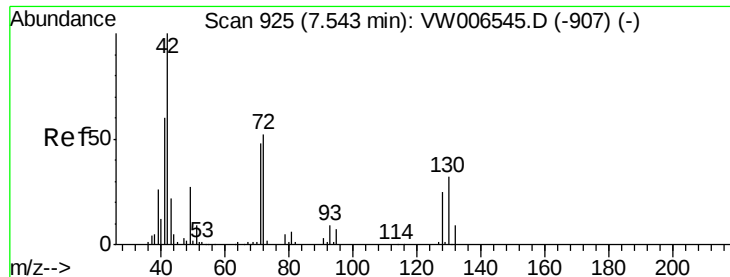


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

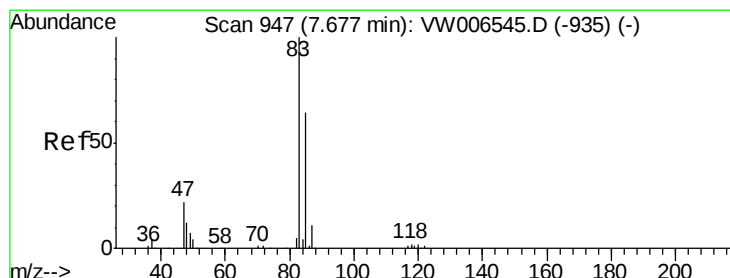
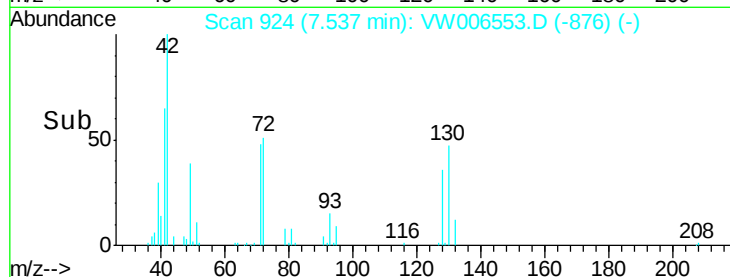
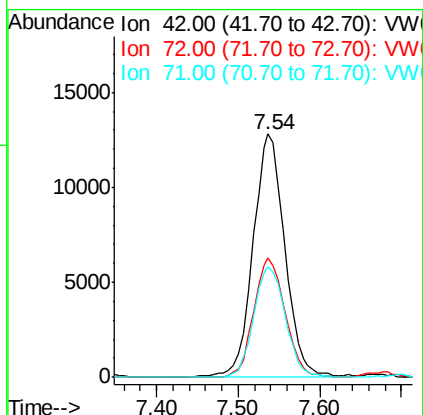
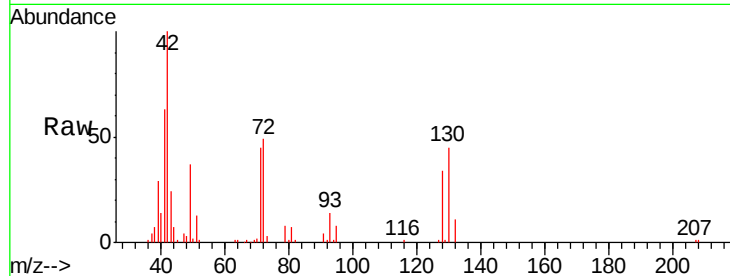




#29
Tetrahydrofuran
Concen: 87.52 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

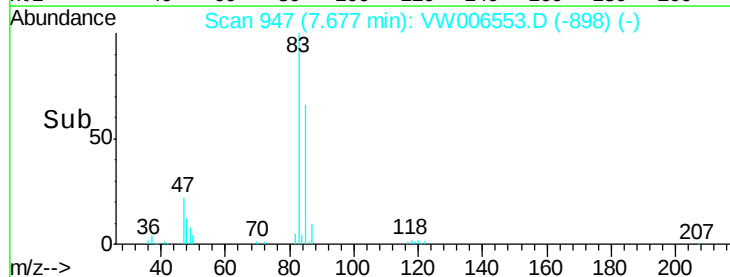
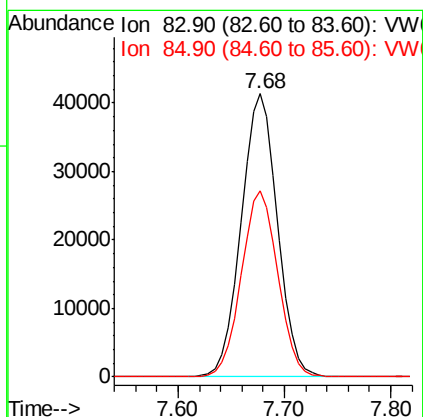
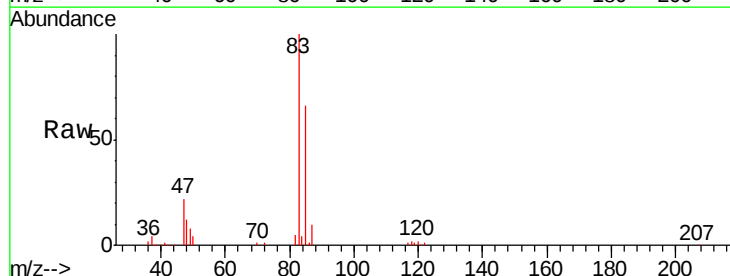
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

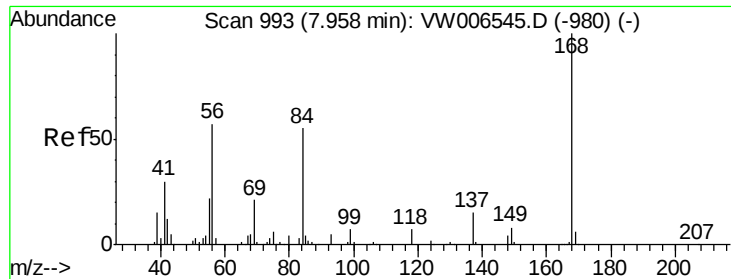
Tgt Ion: 42 Resp: 34878
Ion Ratio Lower Upper
42 100
72 48.2 39.2 58.8
71 45.3 37.6 56.4



#30
Chloroform
Concen: 18.69 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 83 Resp: 98636
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9

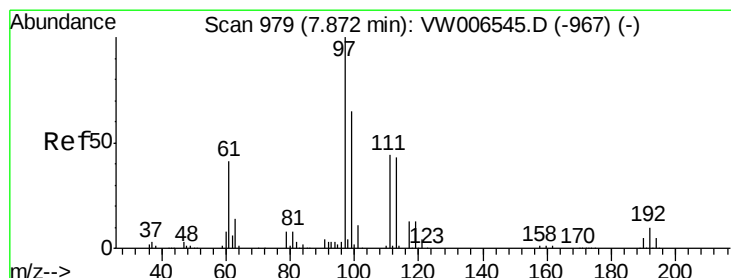
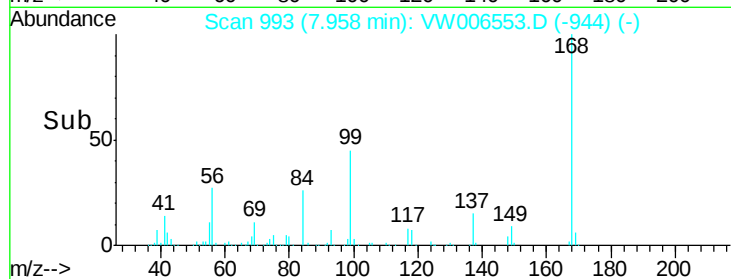
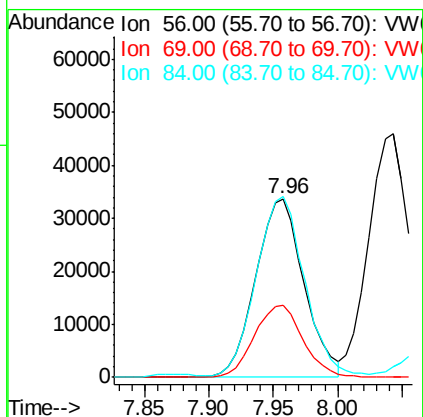
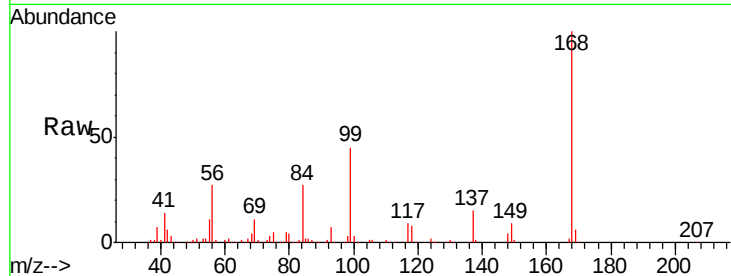




#31
Cyclohexane
Concen: 20.03 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

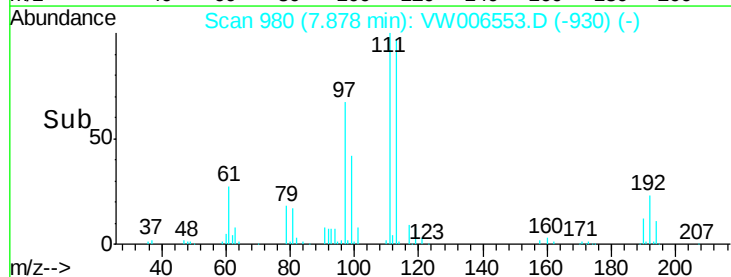
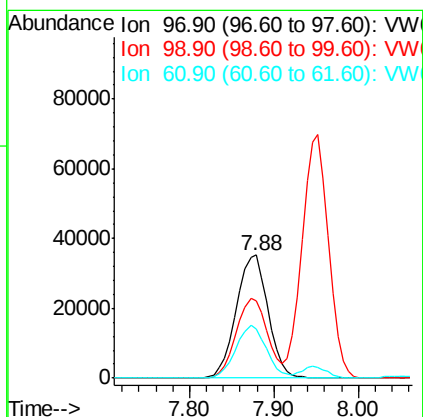
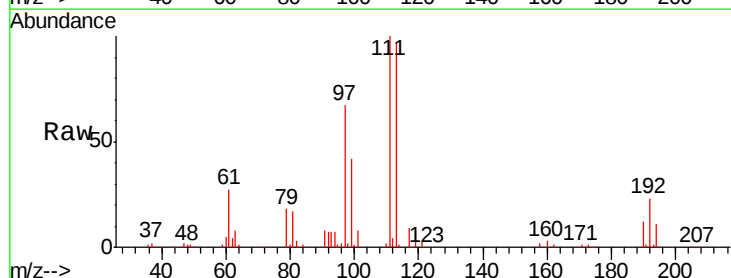
Instrument :
MSVOA_W
ClientSampled :
VW1102SBS01

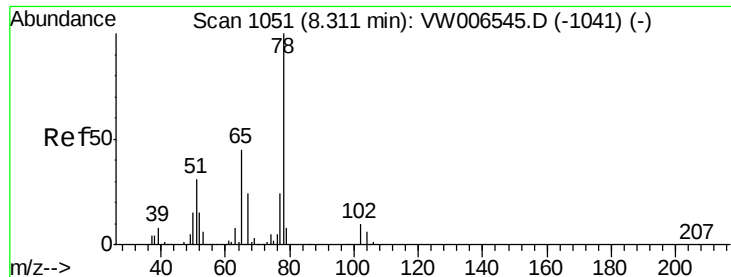
Tgt Ion: 56 Resp: 87759
Ion Ratio Lower Upper
56 100
69 40.2 29.0 43.4
84 99.9 77.8 116.6



#32
1,1,1-Trichloroethane
Concen: 20.14 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 97 Resp: 89925
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 41.4 32.9 49.3

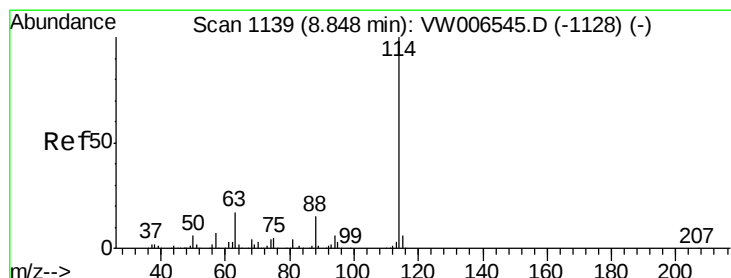
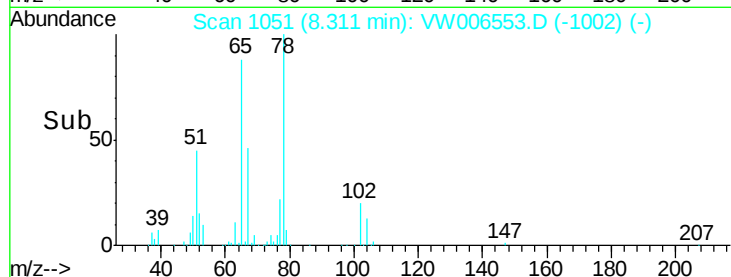
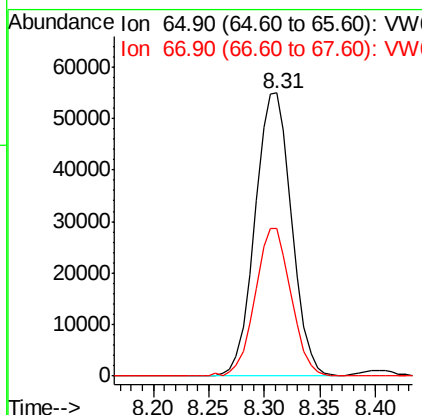
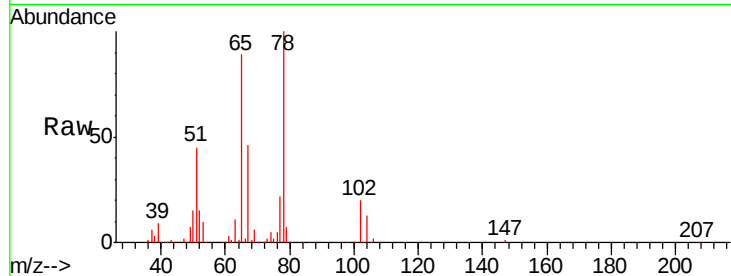




#33
 1,2-Dichloroethane-d4
 Concen: 45.55 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

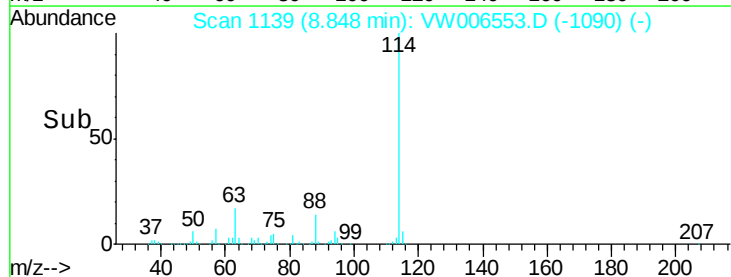
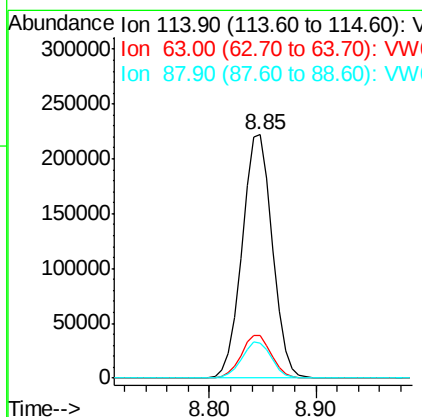
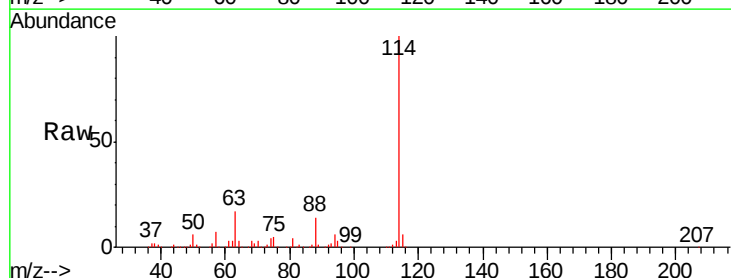
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

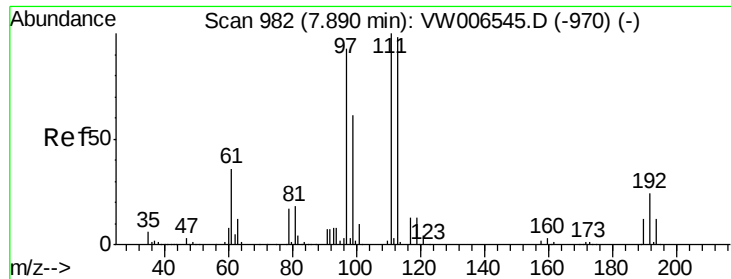
Tgt Ion: 65 Resp: 125275
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 114 Resp: 442964
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.06 ug/l

RT: 7.88 min Scan# 981

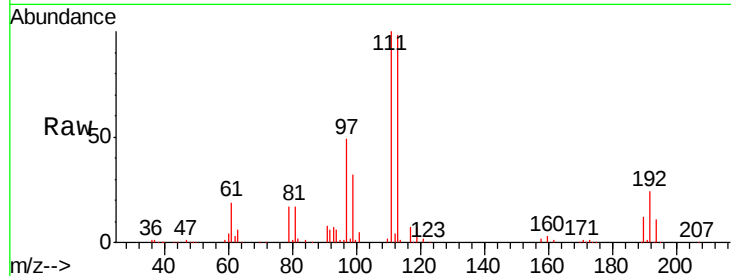
Delta R.T. -0.01 min

Lab File: VW006553.D

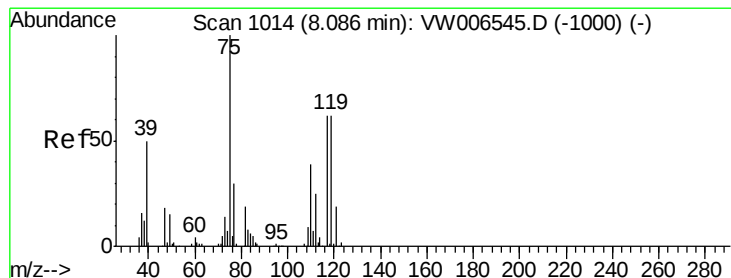
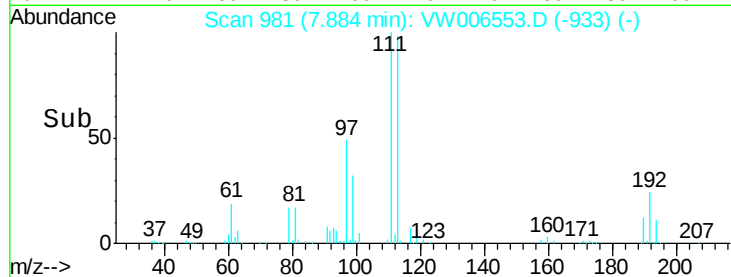
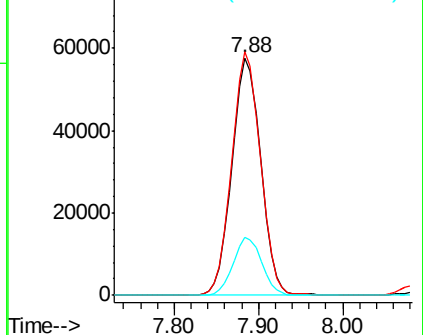
Acq: 01 Nov 2018 12:39

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tgt Ion:	113	Resp:	133617
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	24.1	19.0	28.6



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: 20.82 ug/l

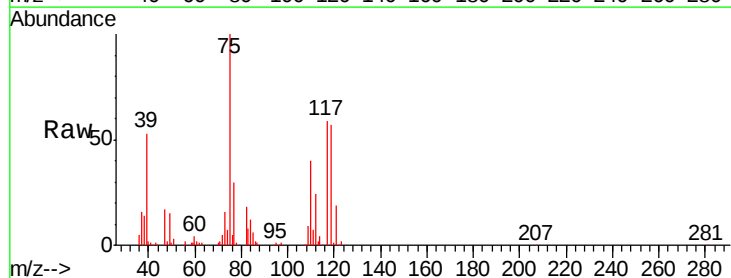
RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

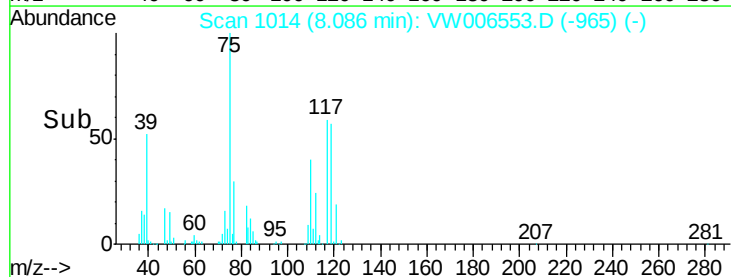
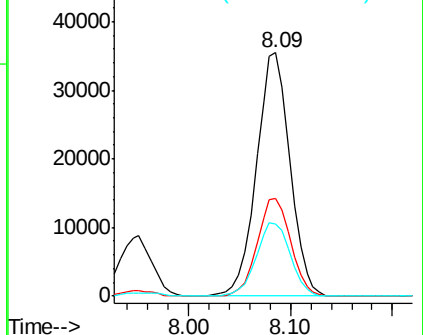
Lab File: VW006553.D

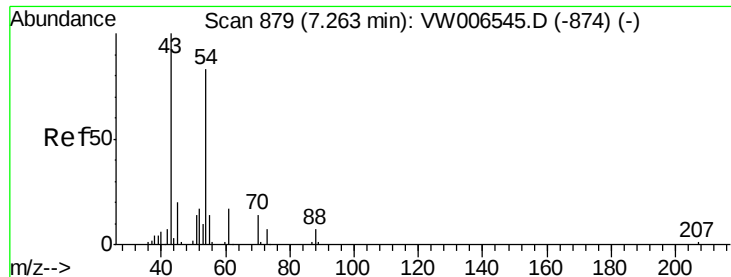
Acq: 01 Nov 2018 12:39

Tgt Ion:	75	Resp:	81111
Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.5	58.5
77	30.8	24.6	37.0



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

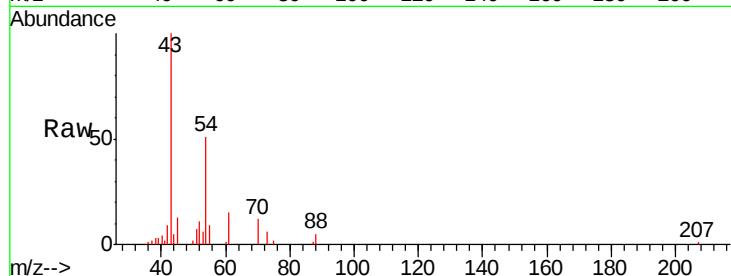




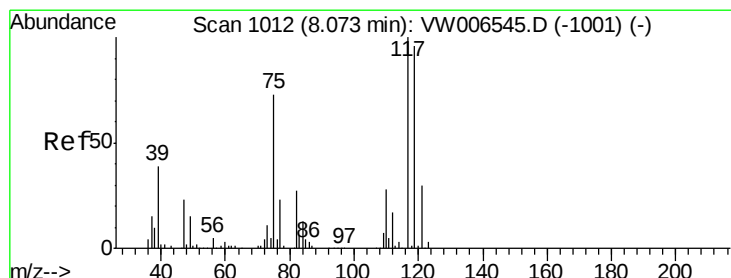
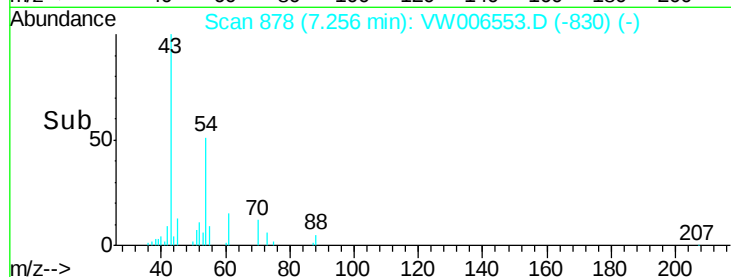
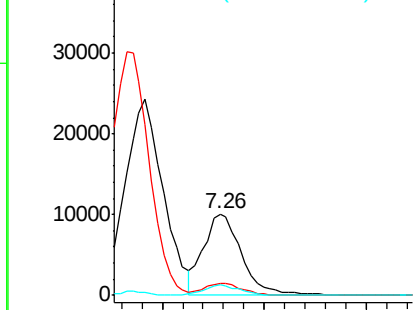
#37
 Ethyl Acetate
 Concen: 19.15 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

Tgt Ion: 43 Resp: 25857
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.1 18.1
 70 11.5 9.8 14.6

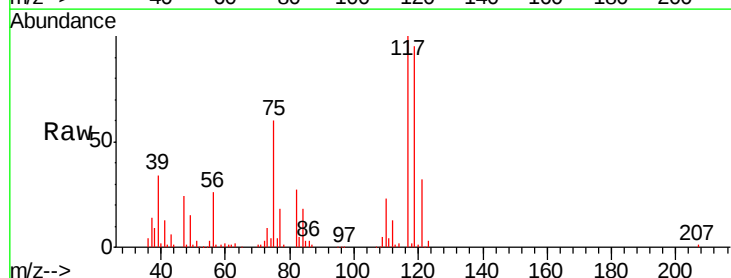


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

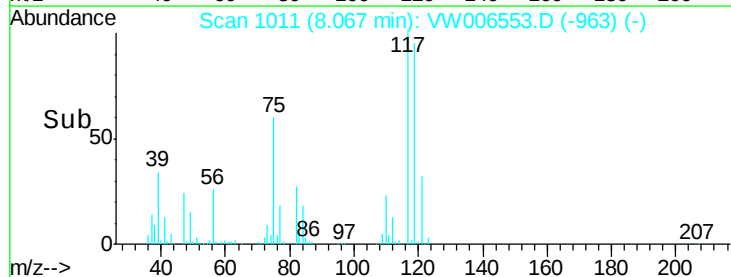
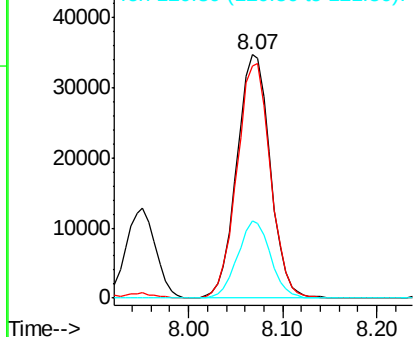


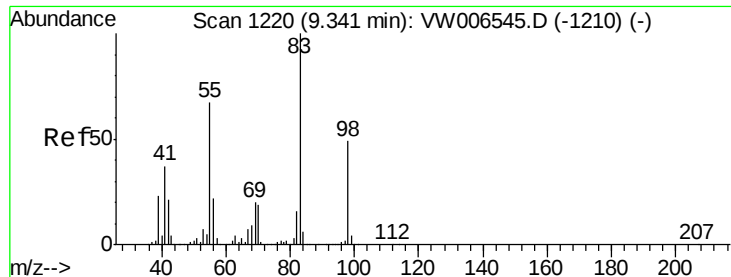
#38
 Carbon Tetrachloride
 Concen: 21.18 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 117 Resp: 86208
 Ion Ratio Lower Upper
 117 100
 119 95.2 76.3 114.5
 121 31.9 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

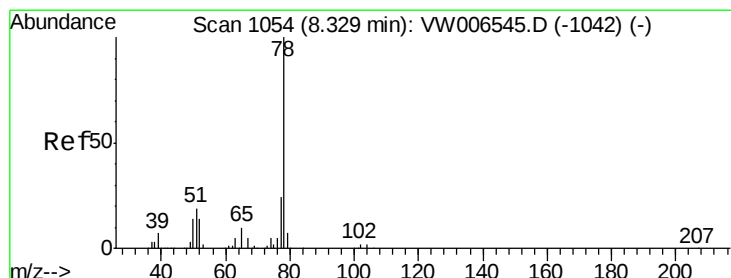
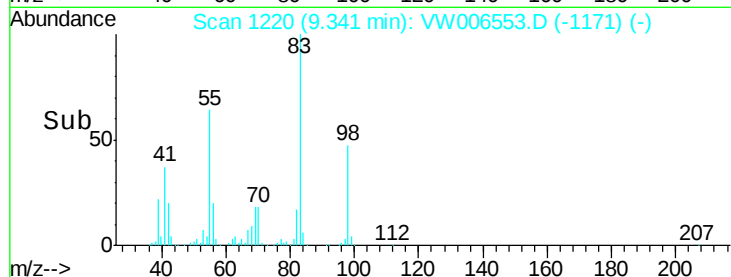
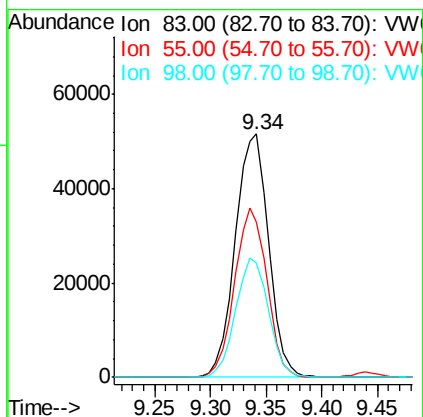
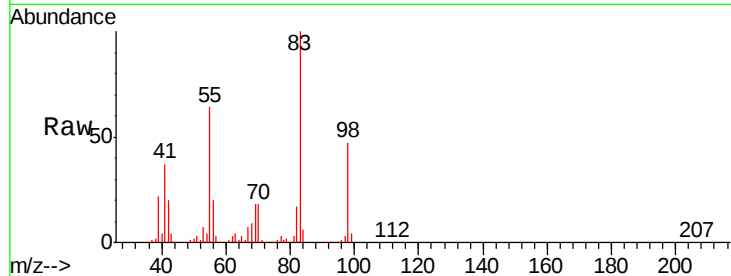




#39
Methylcyclohexane
Concen: 21.65 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

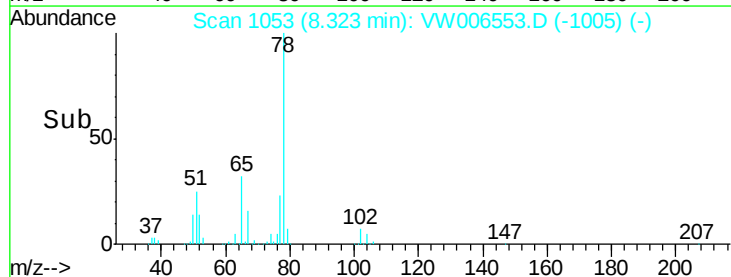
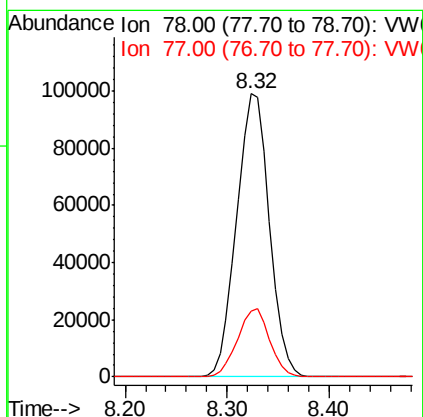
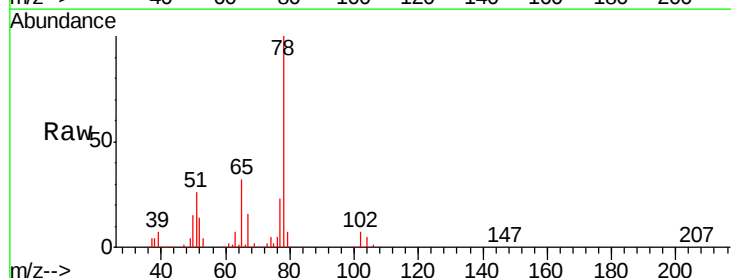
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

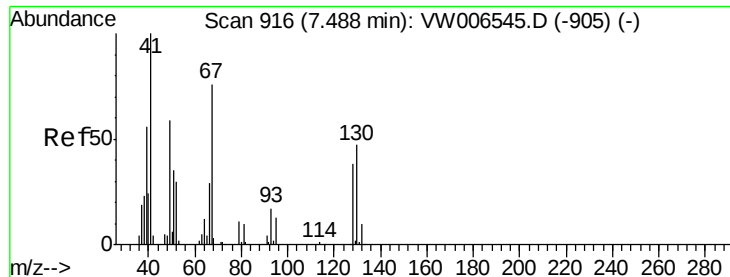
Tgt Ion: 83 Resp: 107032
Ion Ratio Lower Upper
83 100
55 64.0 53.7 80.5
98 47.2 39.2 58.8



#40
Benzene
Concen: 19.96 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 78 Resp: 220808
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

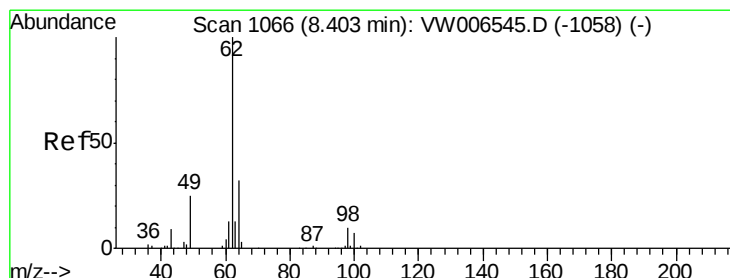
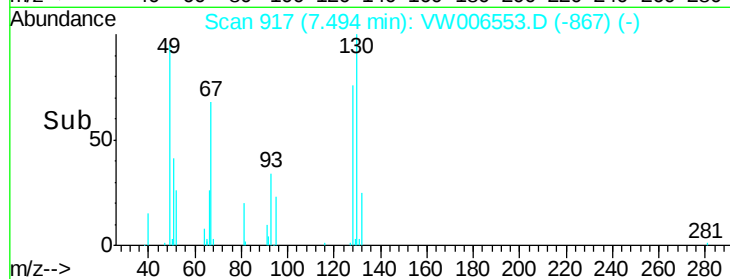
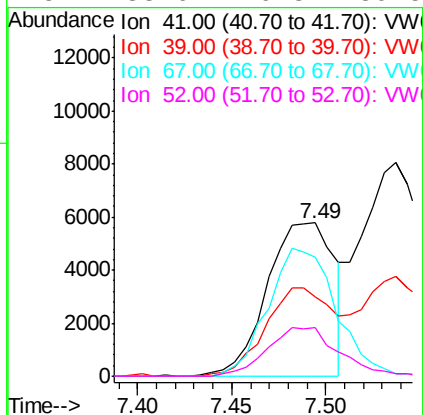
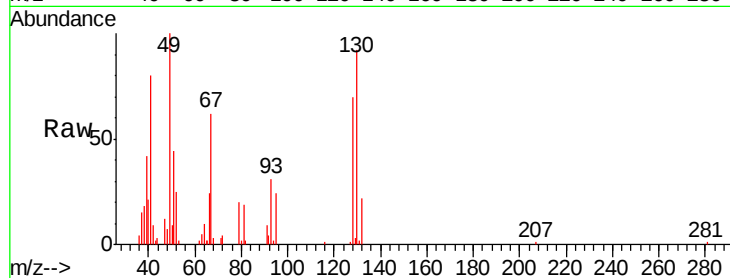




#41
Methacrylonitrile
Concen: 17.31 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

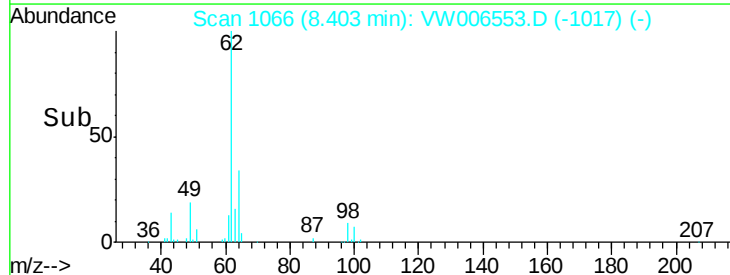
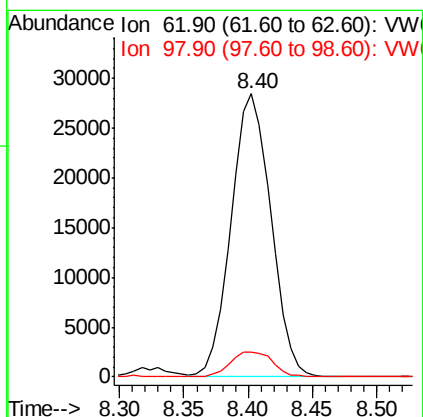
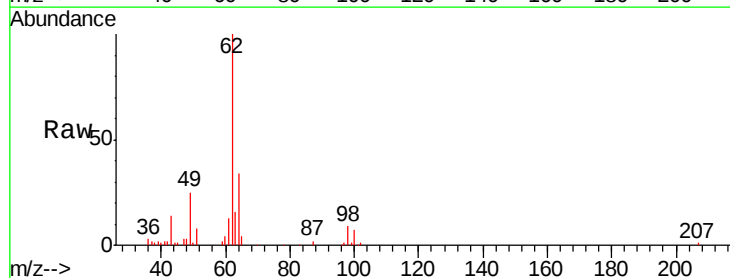
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

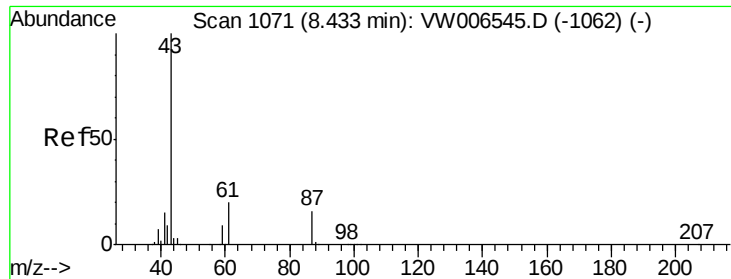
Tgt Ion:	41	Resp:	14329
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	84.8	63.8	95.8
52	33.6	26.3	39.5



#42
1,2-Dichloroethane
Concen: 19.28 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:	62	Resp:	61175
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.54 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

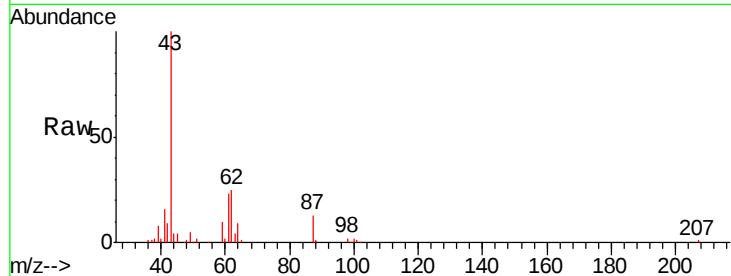
Tgt Ion: 43 Resp: 49947

Ion Ratio Lower Upper

43 100

61 33.6 27.2 40.8

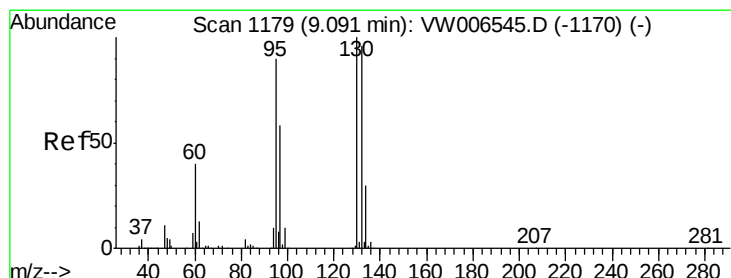
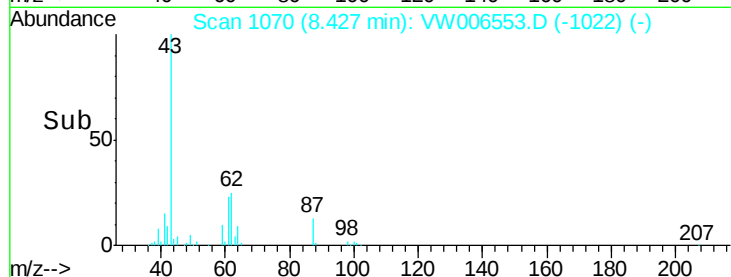
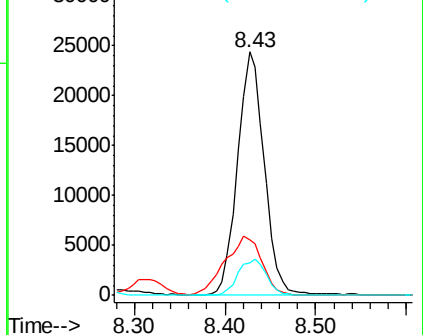
87 15.8 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.01 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006553.D

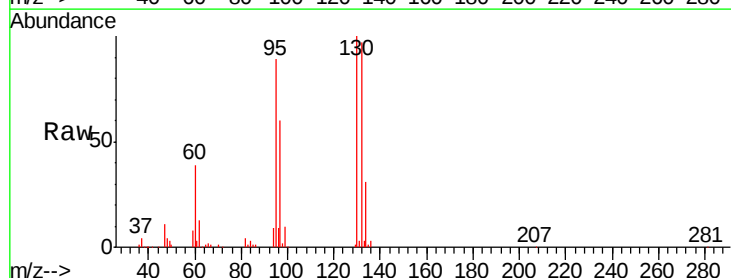
Acq: 01 Nov 2018 12:39

Tgt Ion: 130 Resp: 68312

Ion Ratio Lower Upper

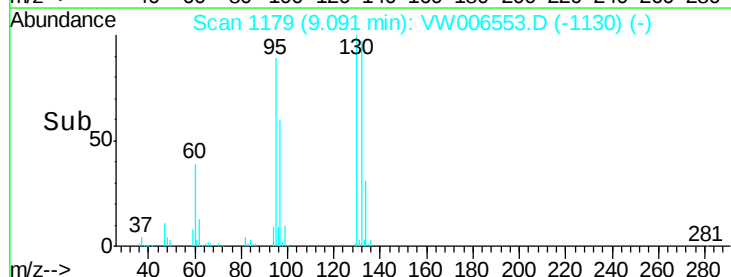
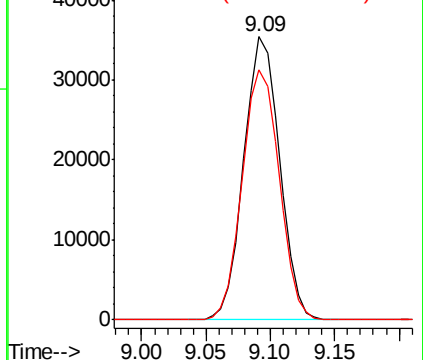
130 100

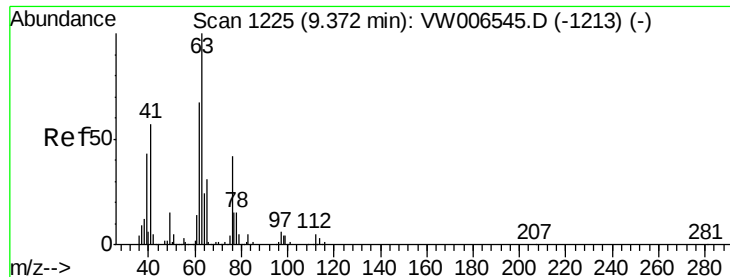
95 88.6 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

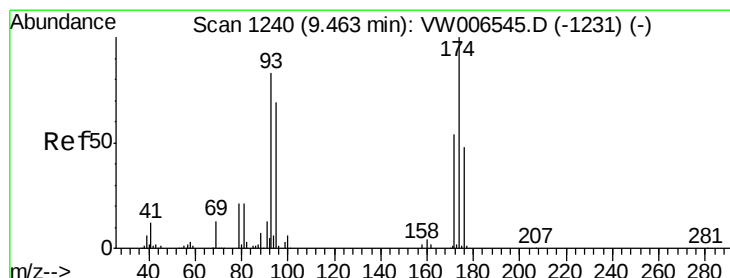
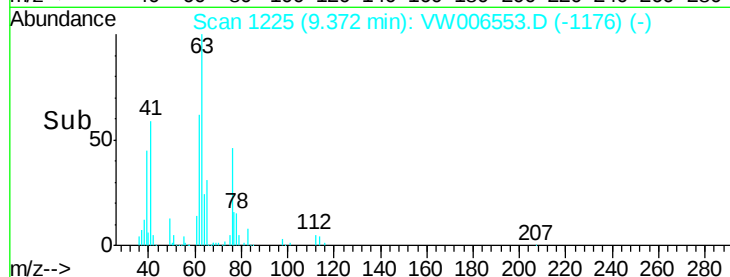
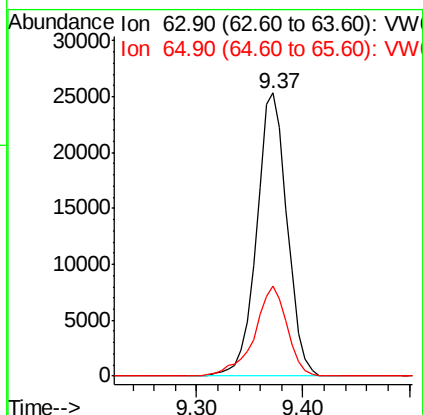
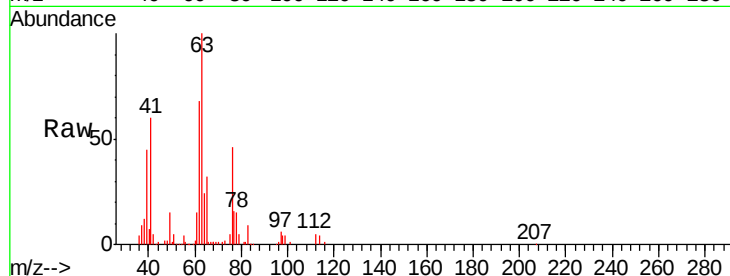




#45
 1,2-Dichloropropane
 Concen: 19.68 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

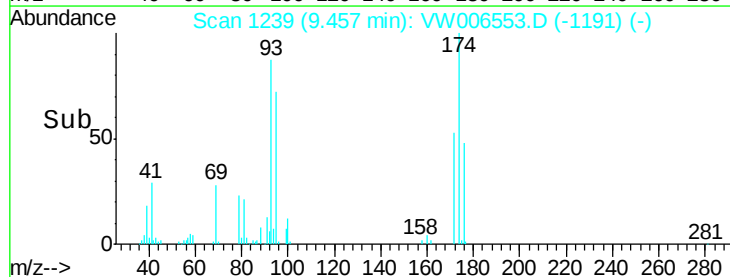
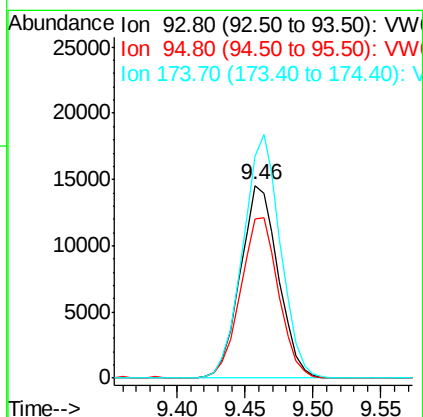
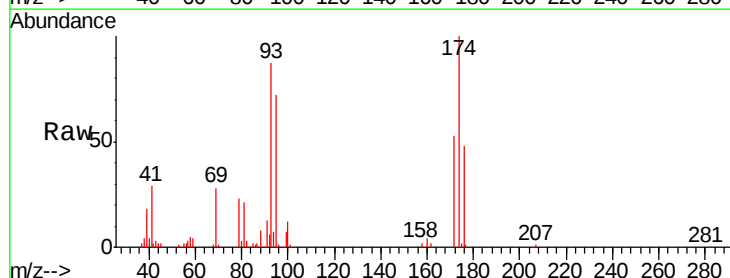
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

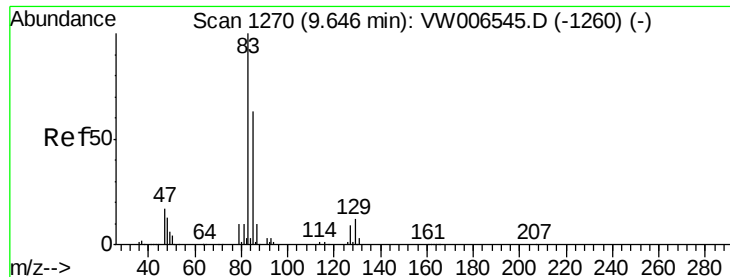
Tgt Ion: 63 Resp: 50676
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.1 37.7



#46
 Dibromomethane
 Concen: 18.71 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 93 Resp: 28321
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 125.0 97.3 145.9





#47

Bromodichloromethane

Concen: 19.60 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

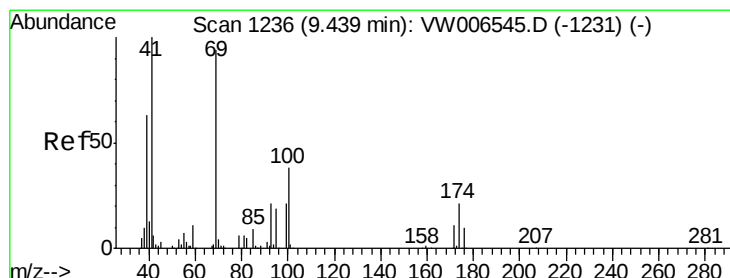
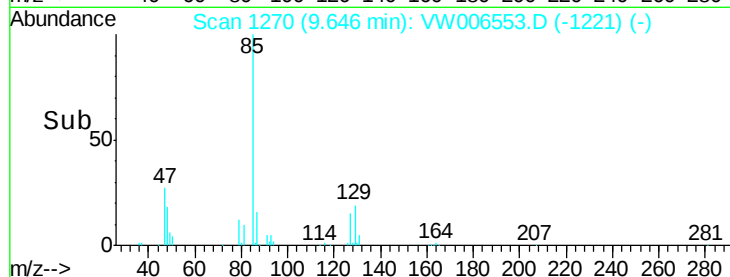
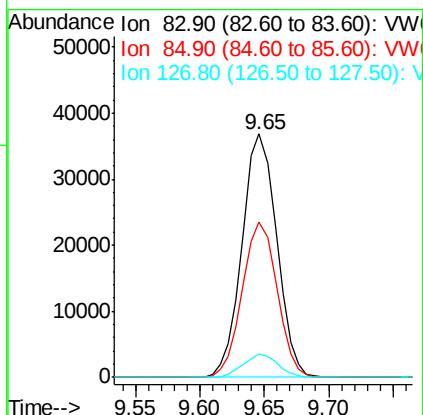
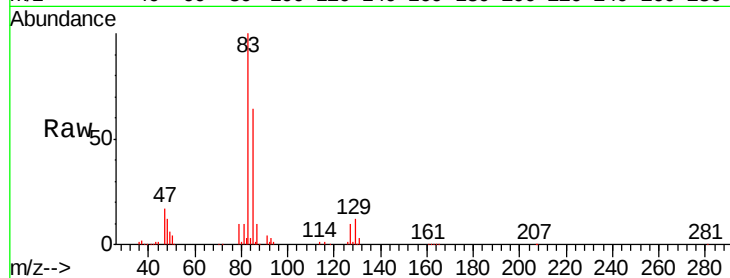
Tgt Ion: 83 Resp: 68895

Ion Ratio Lower Upper

83 100

85 63.8 50.6 75.8

127 9.8 7.5 11.3



#48

Methyl methacrylate

Concen: 18.36 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

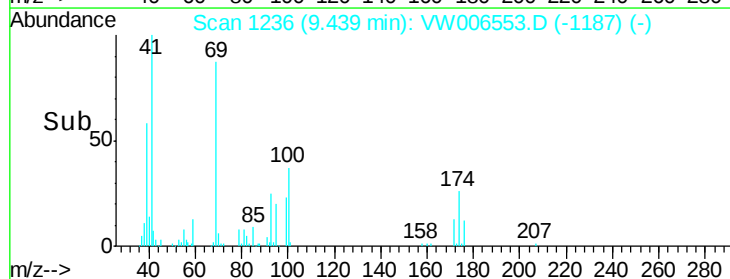
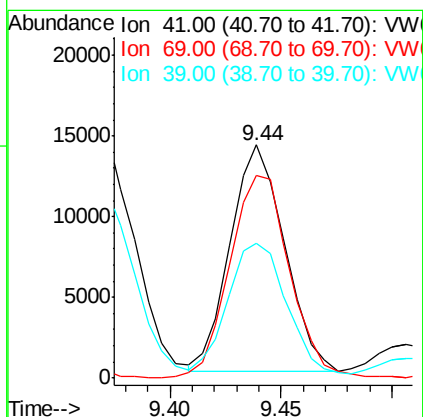
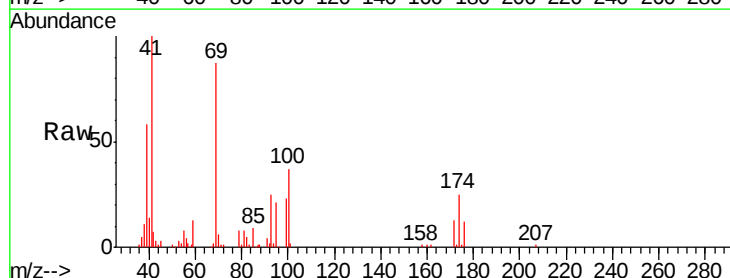
Tgt Ion: 41 Resp: 23827

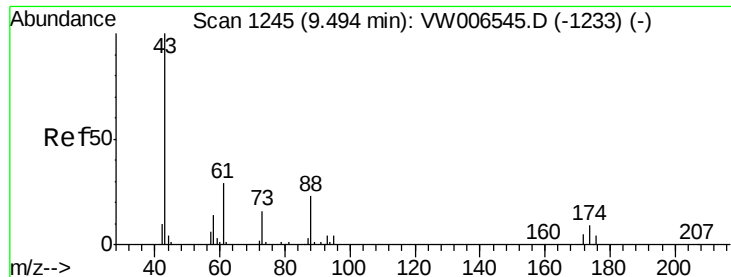
Ion Ratio Lower Upper

41 100

69 99.6 77.8 116.8

39 61.9 48.7 73.1

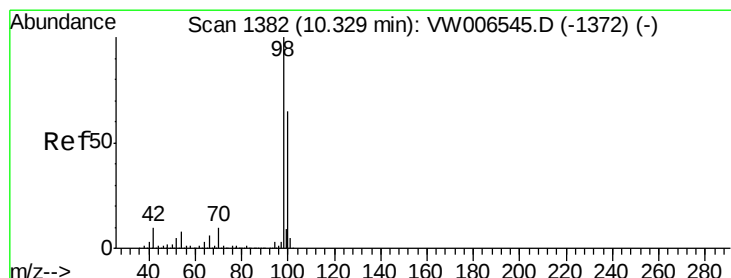
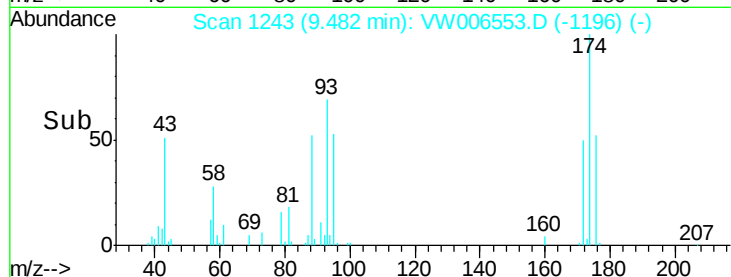
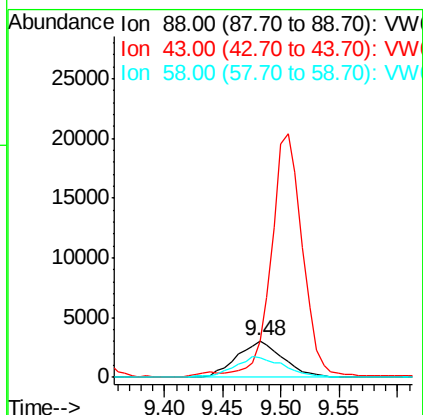
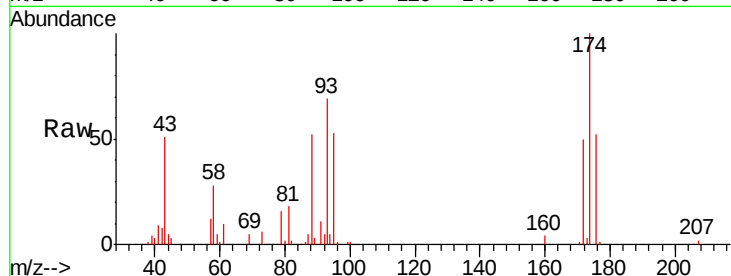




#49
1,4-Dioxane
Concen: 374.69 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

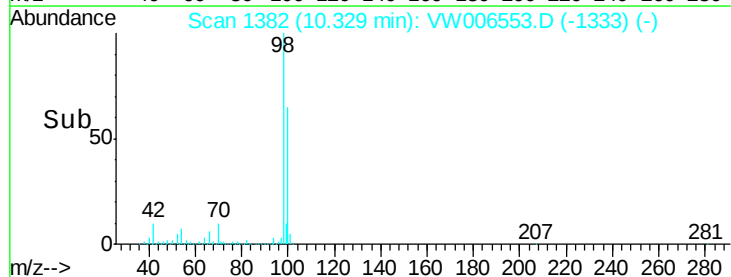
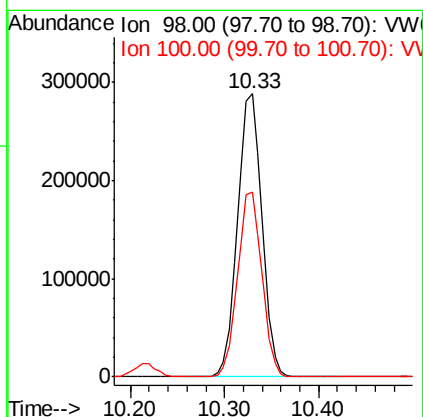
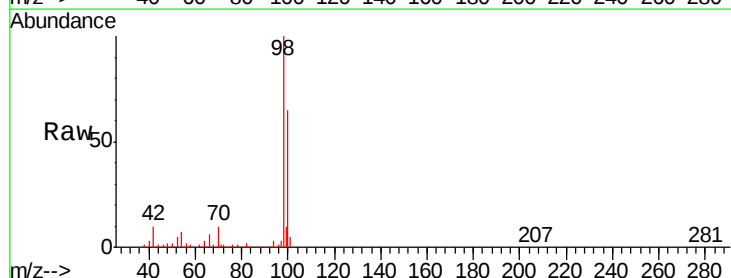
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

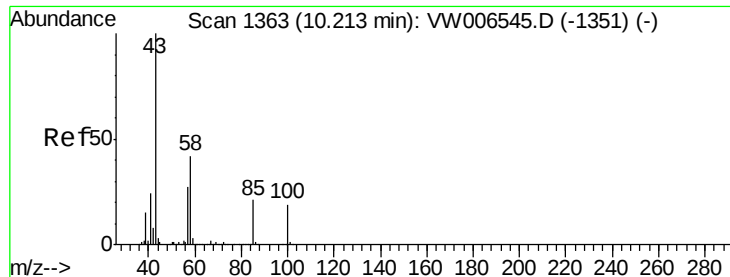
Tgt Ion: 88 Resp: 8300
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 63.0 51.4 77.2



#50
Toluene-d8
Concen: 48.92 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 98 Resp: 517739
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 91.14 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

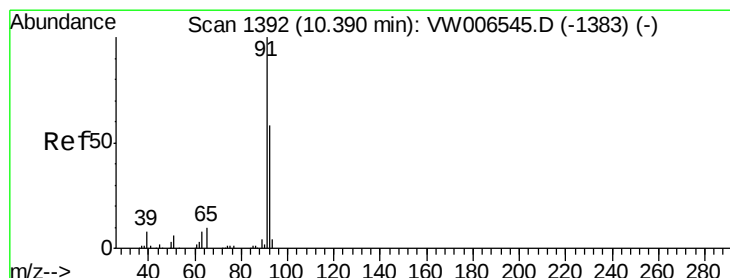
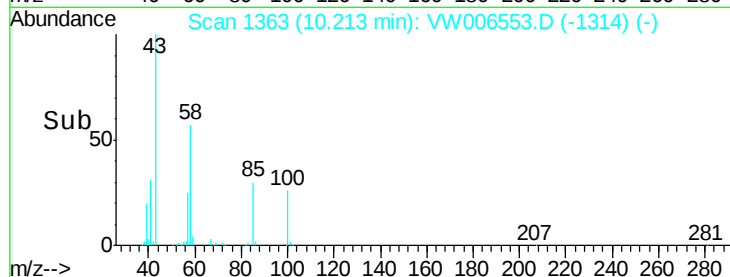
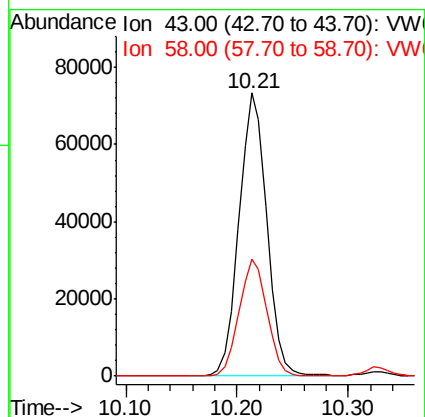
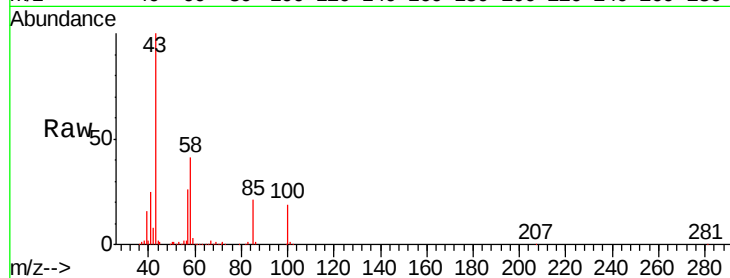
VW1102SBS01

Tgt Ion: 43 Resp: 126088

Ion Ratio Lower Upper

43 100

58 41.7 33.4 50.0



#52

Toluene

Concen: 20.02 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006553.D

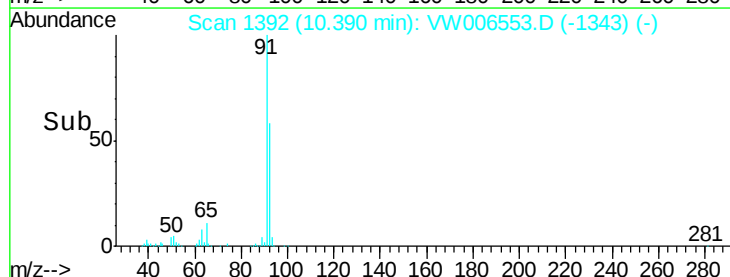
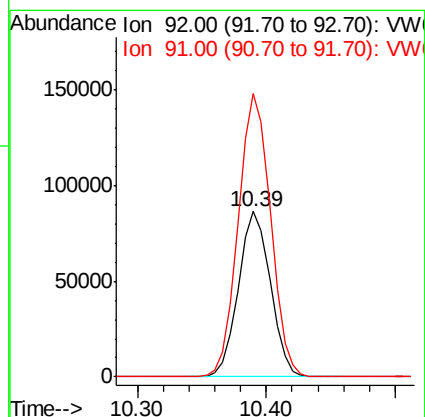
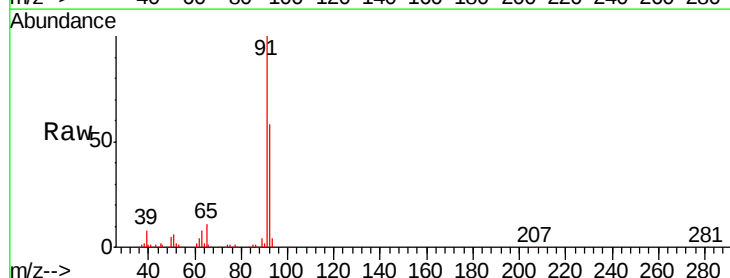
Acq: 01 Nov 2018 12:39

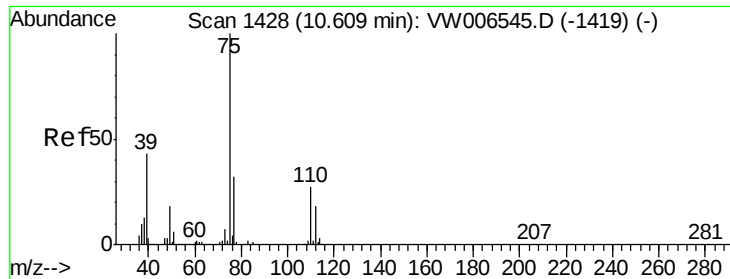
Tgt Ion: 92 Resp: 148542

Ion Ratio Lower Upper

92 100

91 173.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.79 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

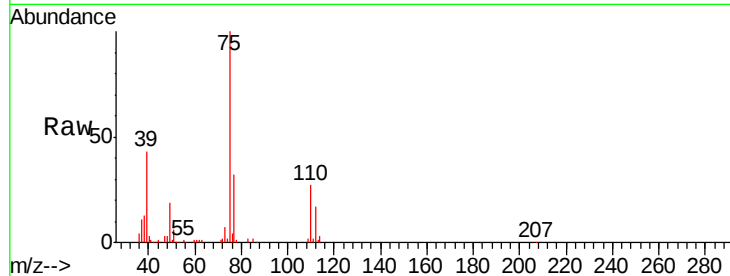
VW1102SBS01

Tgt Ion: 75 Resp: 66943

Ion Ratio Lower Upper

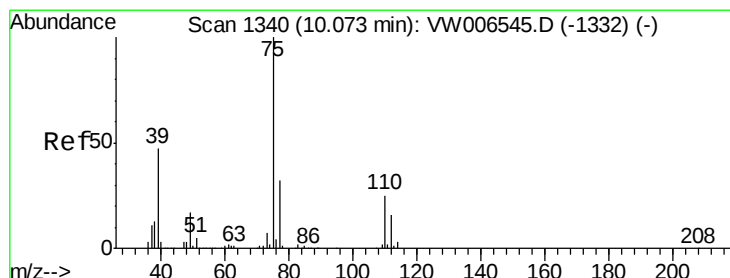
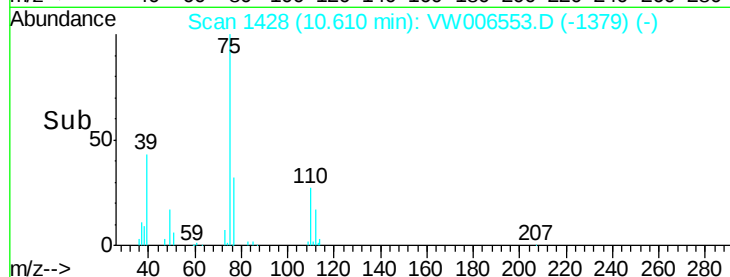
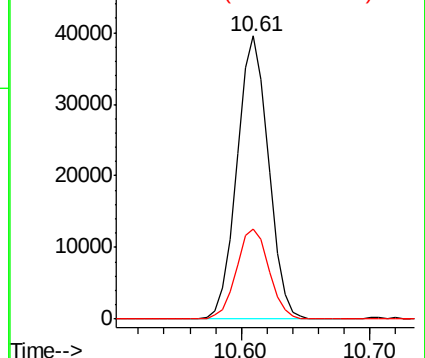
75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

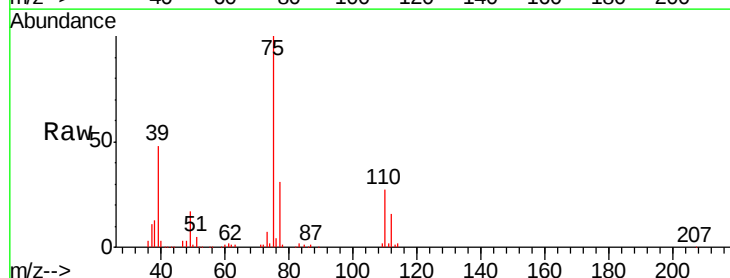
Tgt Ion: 75 Resp: 79512

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

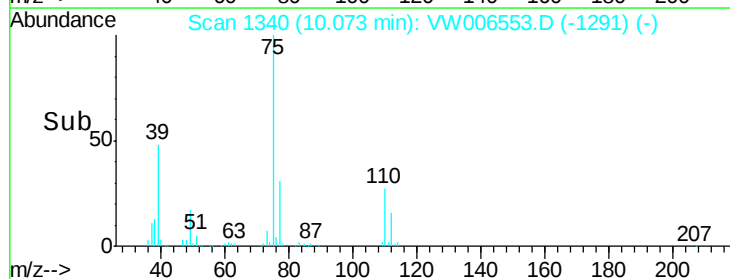
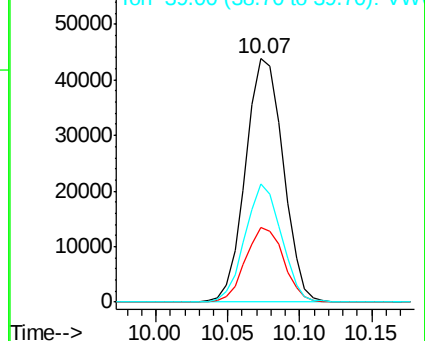
39 48.3 37.3 55.9

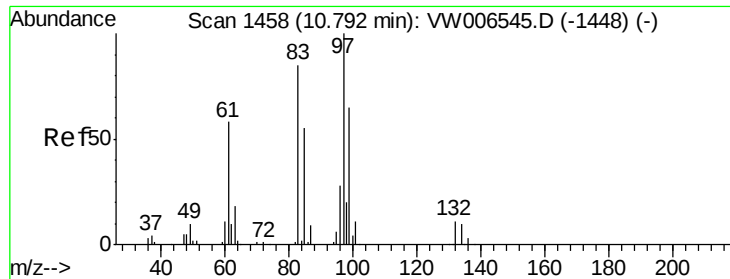


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

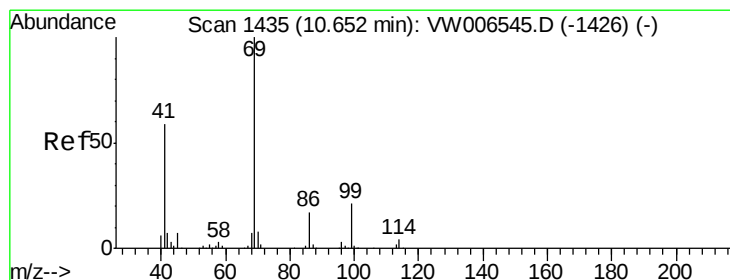
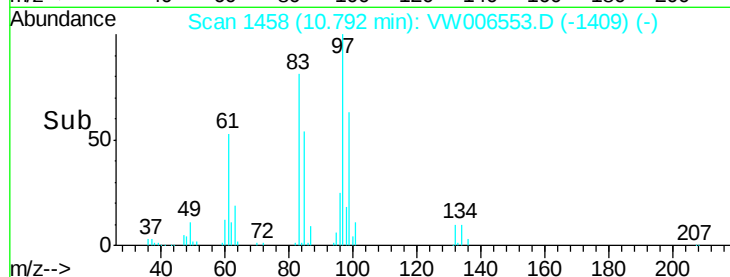
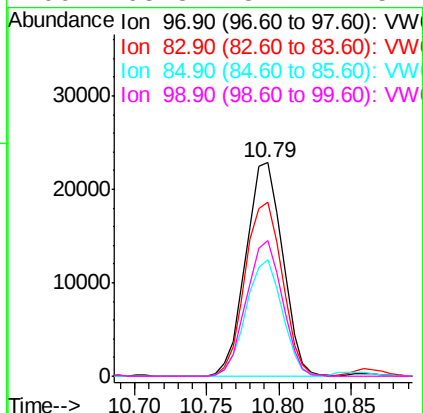
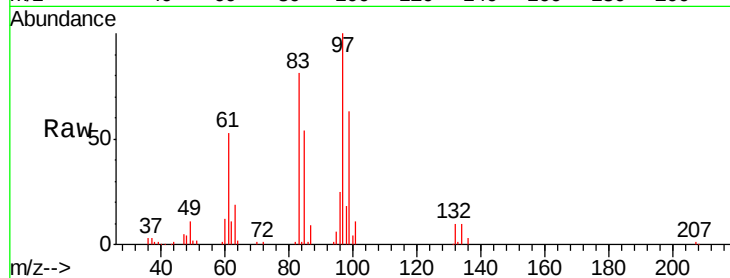




#55
 1,1,2-Trichloroethane
 Concen: 18.85 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

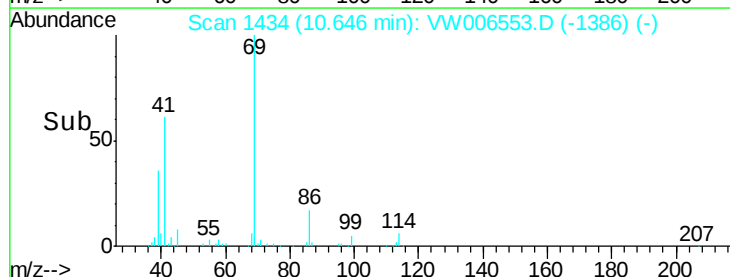
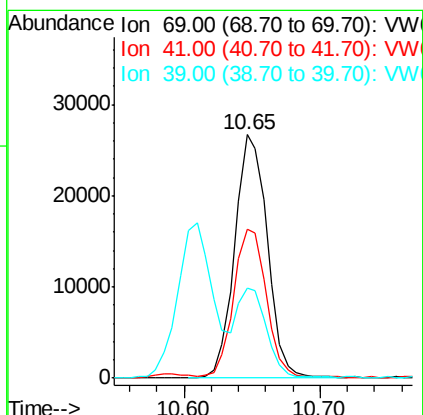
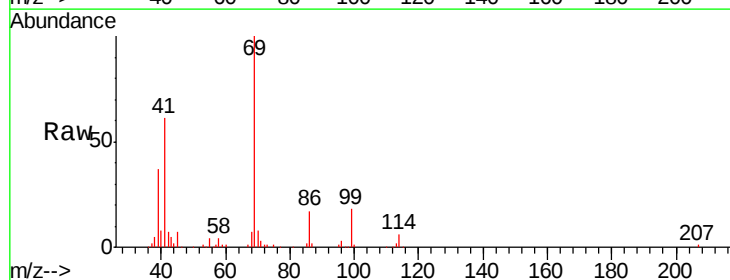
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

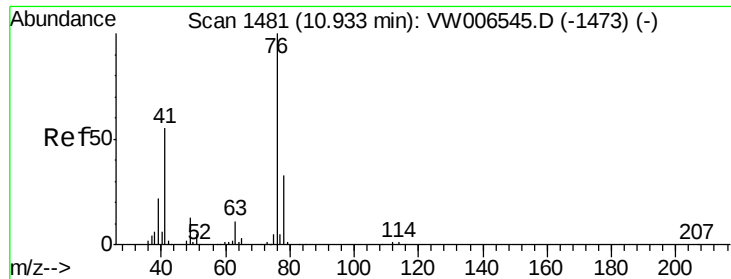
Tgt Ion: 97 Resp: 40479
 Ion Ratio Lower Upper
 97 100
 83 81.3 67.9 101.9
 85 54.4 44.0 66.0
 99 63.3 52.2 78.2



#56
 Ethyl methacrylate
 Concen: 18.24 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 69 Resp: 44534
 Ion Ratio Lower Upper
 69 100
 41 61.2 47.4 71.2
 39 32.3 25.3 37.9

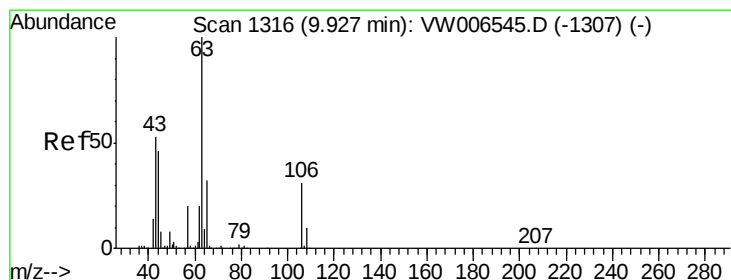
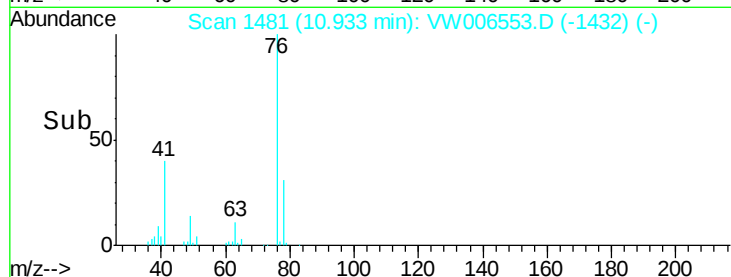
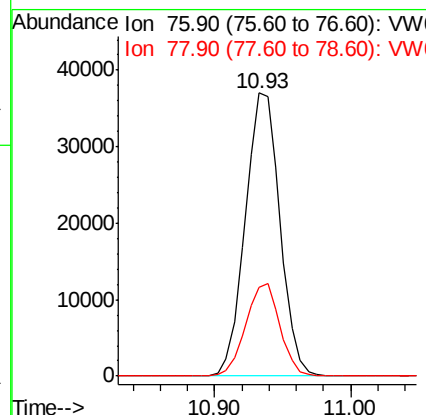
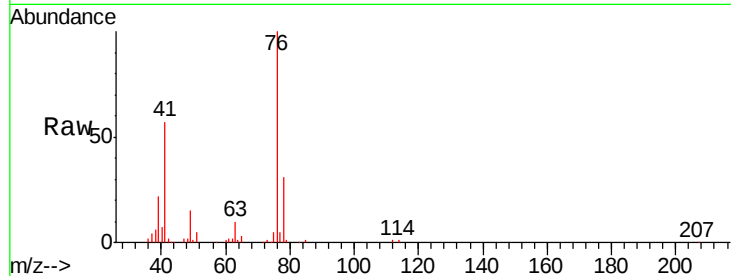




#57
 1,3-Dichloropropane
 Concen: 18.94 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

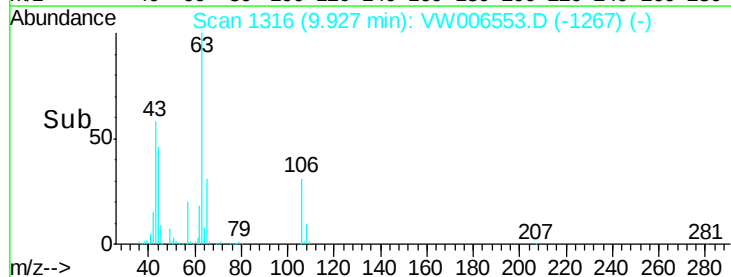
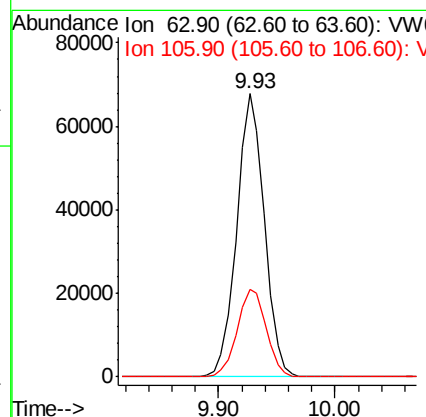
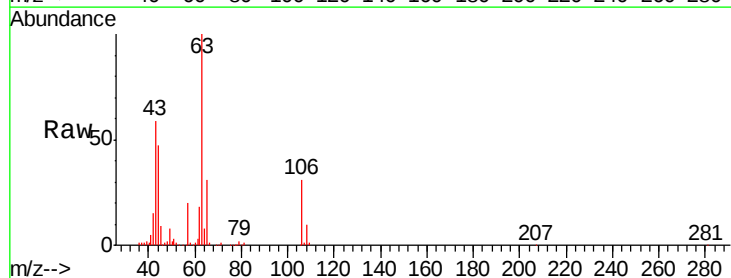
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

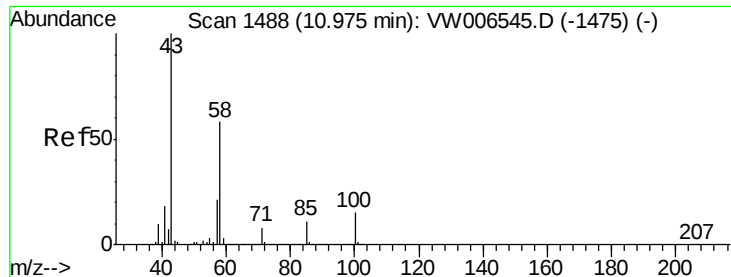
Tgt Ion: 76 Resp: 66060
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.19 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 63 Resp: 111766
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.4 38.2

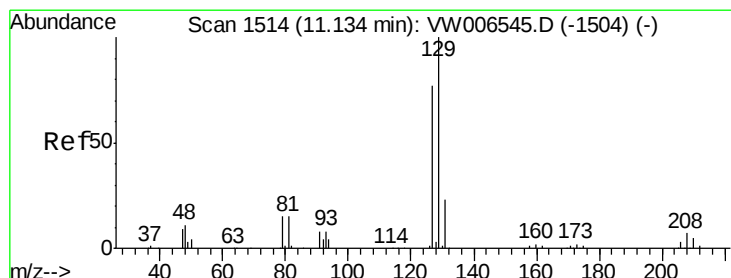
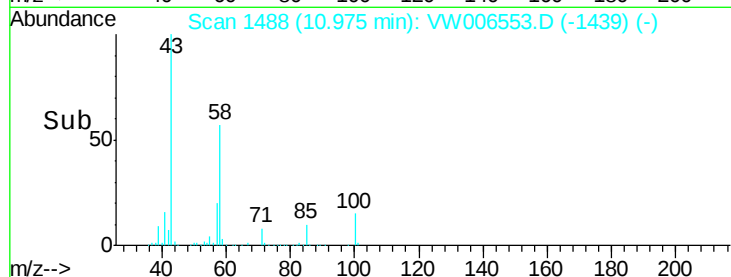
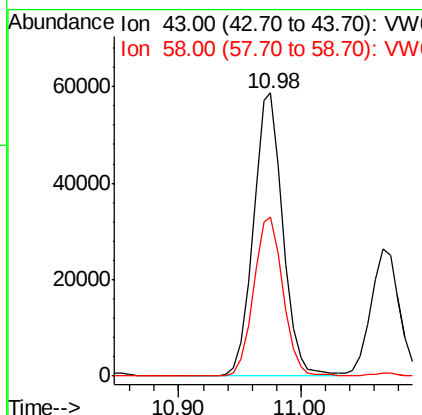
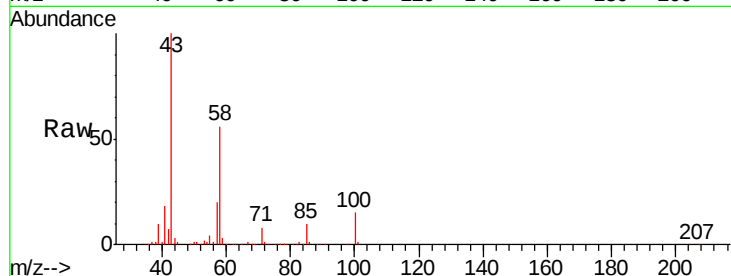




#59
2-Hexanone
Concen: 104.69 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

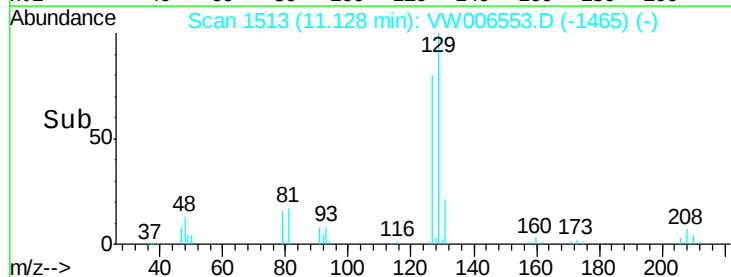
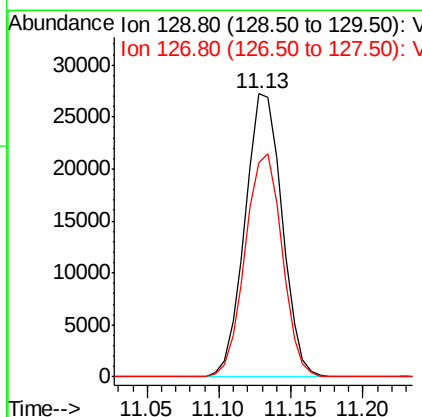
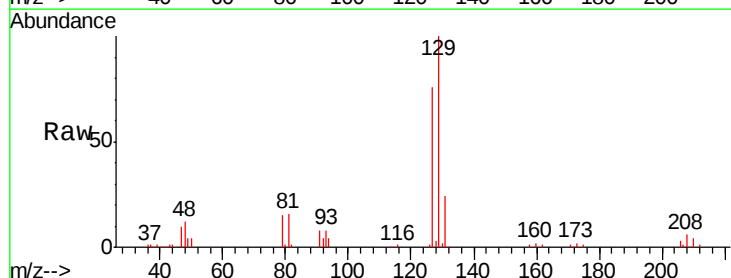
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tgt Ion: 43 Resp: 98371
Ion Ratio Lower Upper
43 100
58 56.2 28.8 86.4



#60
Dibromochloromethane
Concen: 19.09 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 129 Resp: 48576
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3

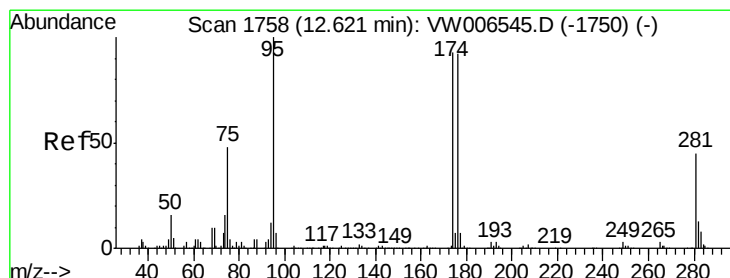
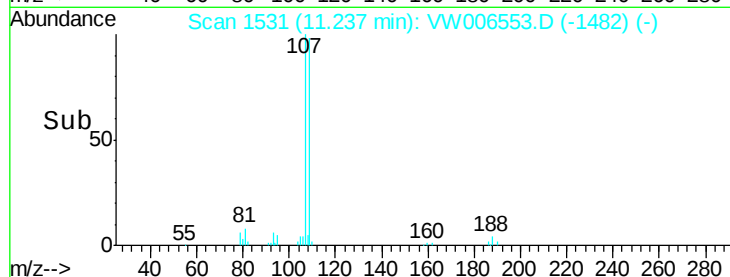
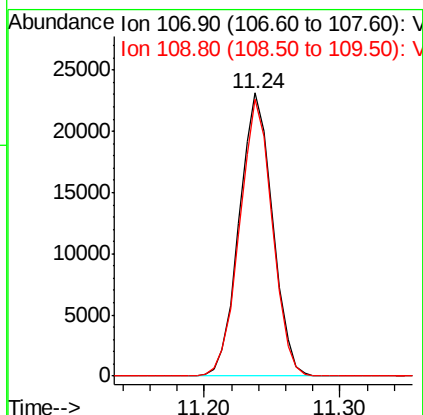
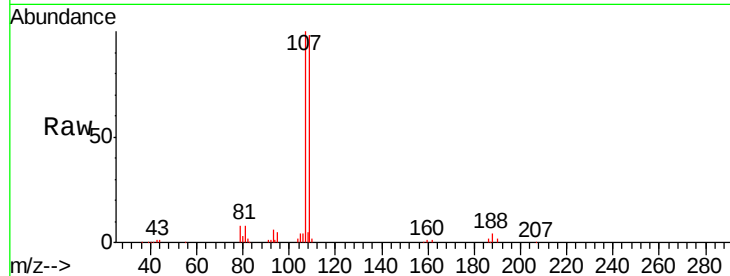




#61
 1,2-Dibromoethane
 Concen: 18.60 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

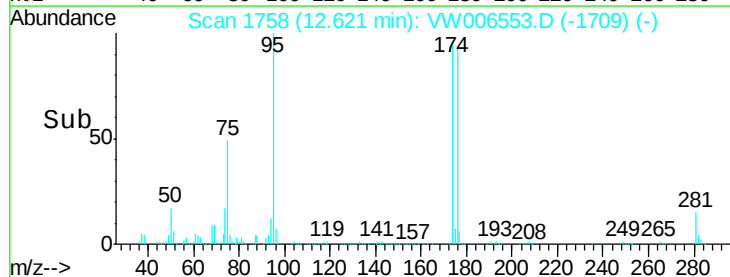
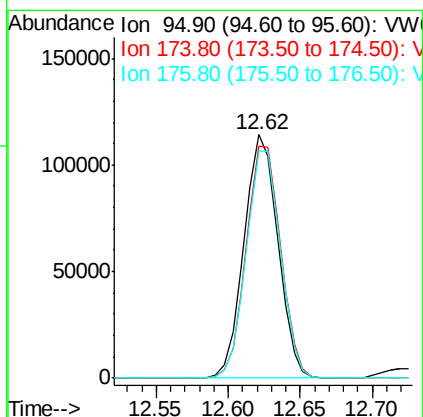
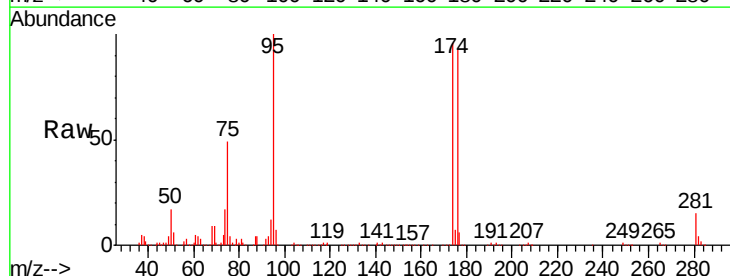
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

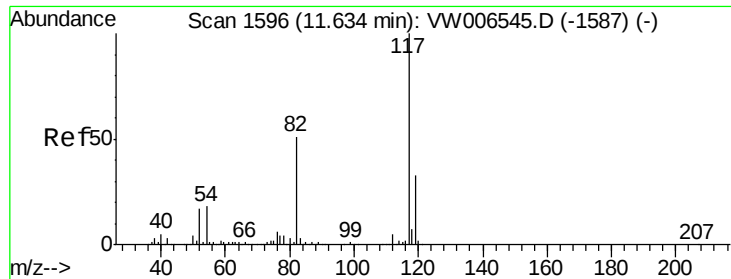
Tgt Ion: 107 Resp: 39676
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.35 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion: 95 Resp: 185494
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 192.4
 176 94.4 0.0 187.4

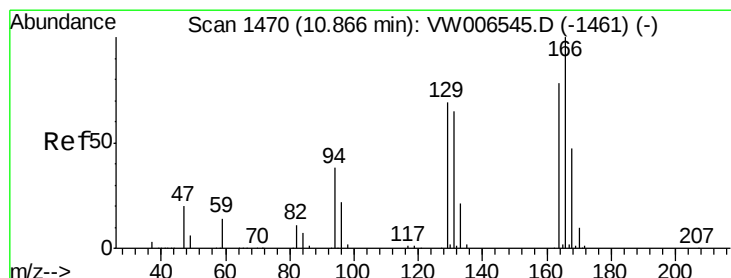
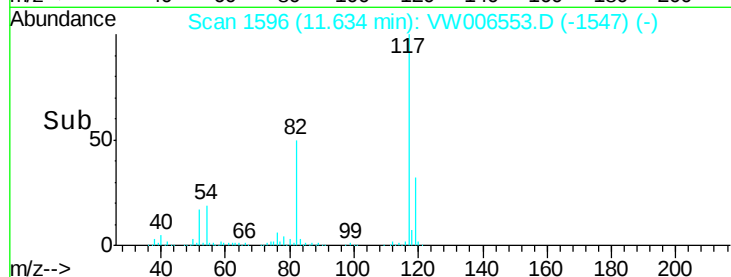
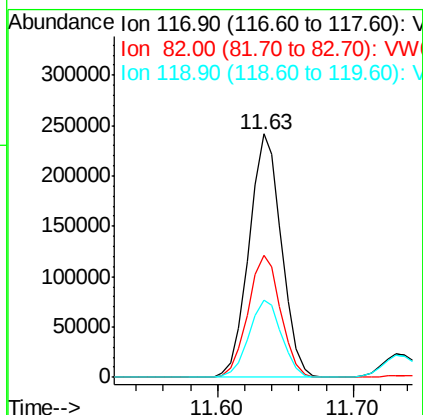
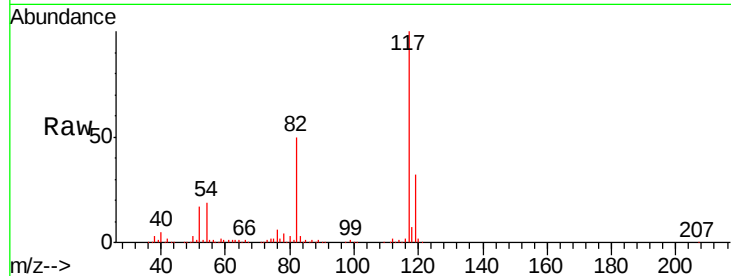




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

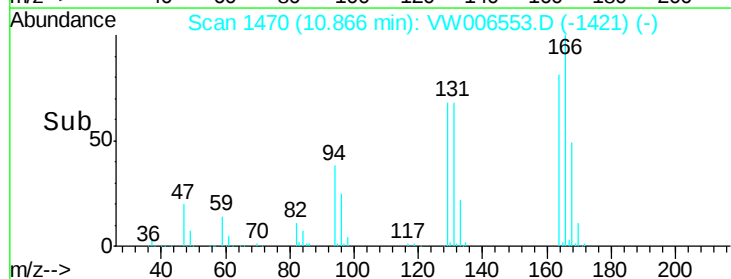
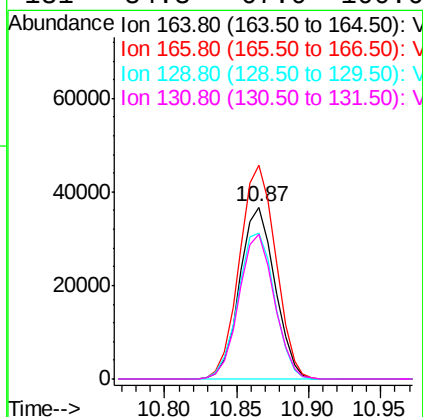
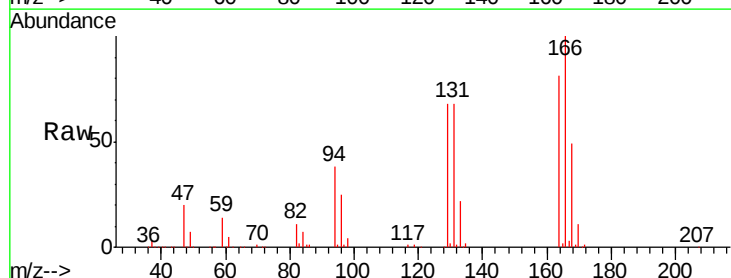
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

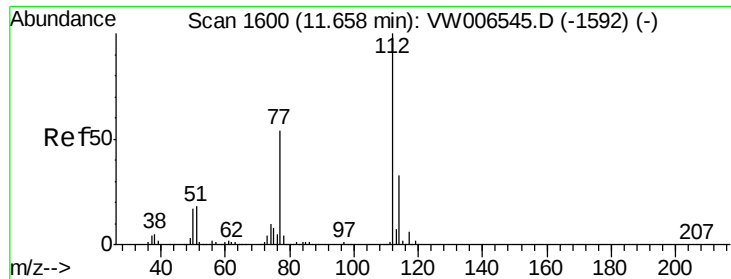
Tgt Ion:117 Resp: 402686
Ion Ratio Lower Upper
117 100
82 50.3 40.8 61.2
119 31.8 26.1 39.1



#64
Tetrachloroethene
Concen: 19.49 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:164 Resp: 62563
Ion Ratio Lower Upper
164 100
166 124.2 102.8 154.2
129 84.5 70.9 106.3
131 84.3 67.0 100.6

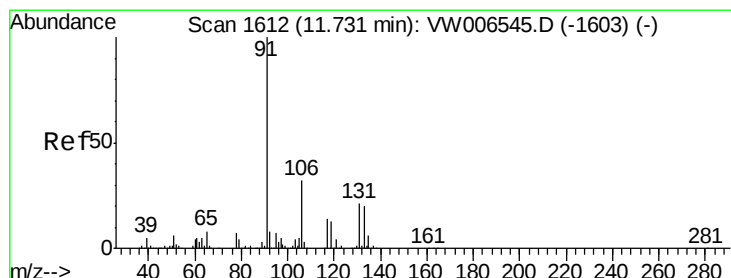
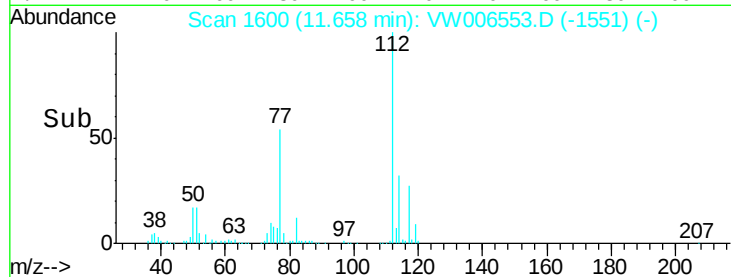
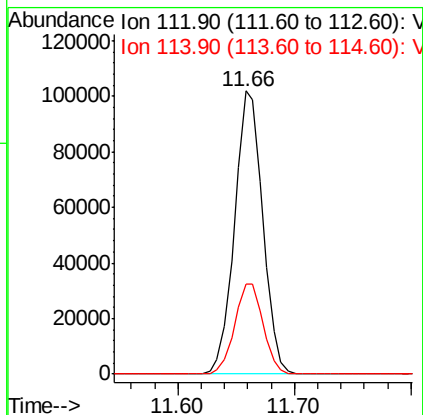
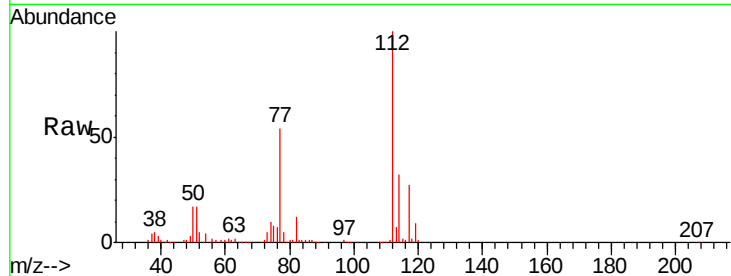




#65
Chlorobenzene
Concen: 20.22 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

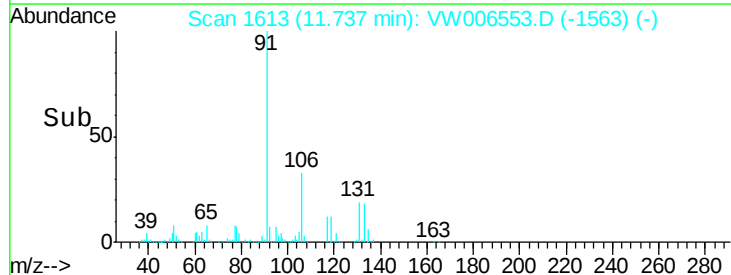
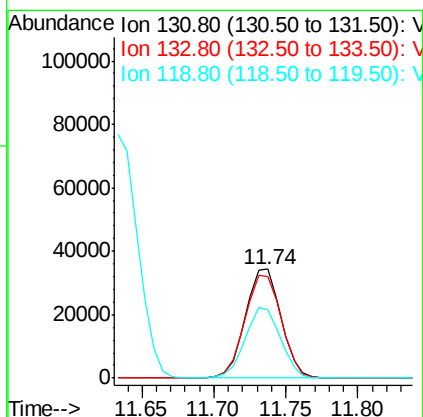
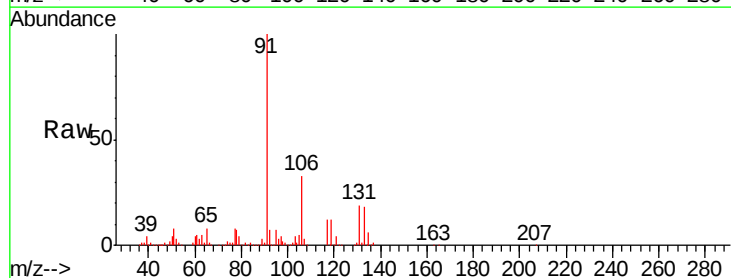
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

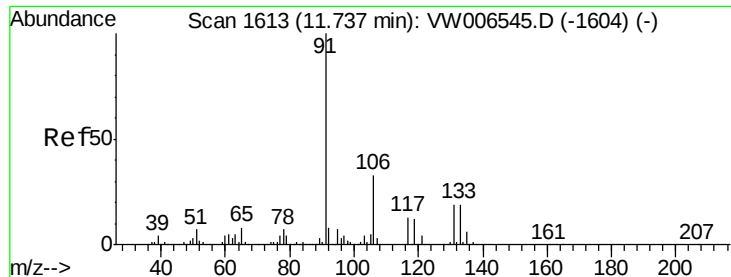
Tgt Ion:112 Resp: 171313
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.85 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:131 Resp: 59132
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 63.9 31.9 95.5

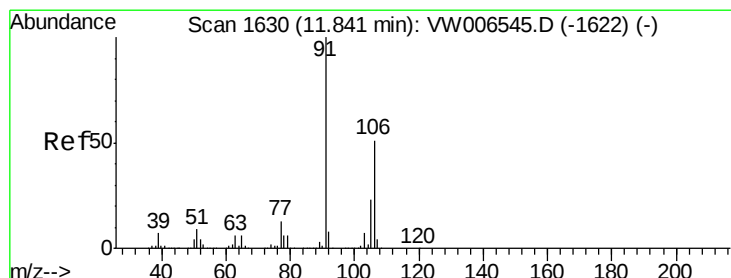
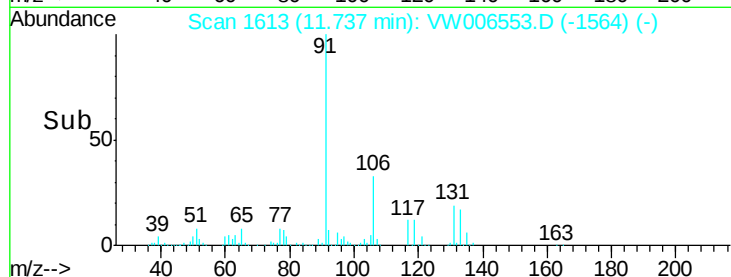
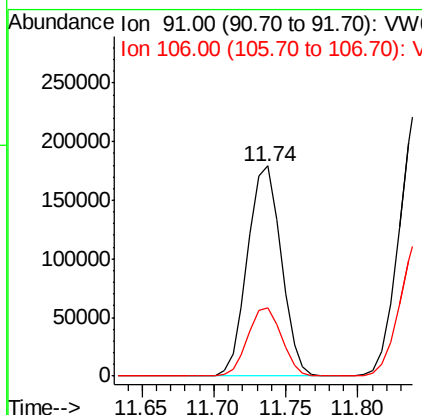
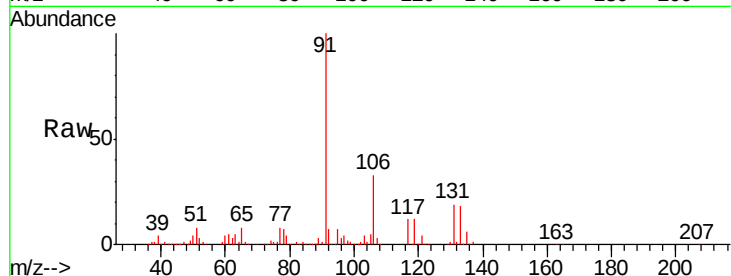




#67
Ethyl Benzene
Concen: 20.55 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

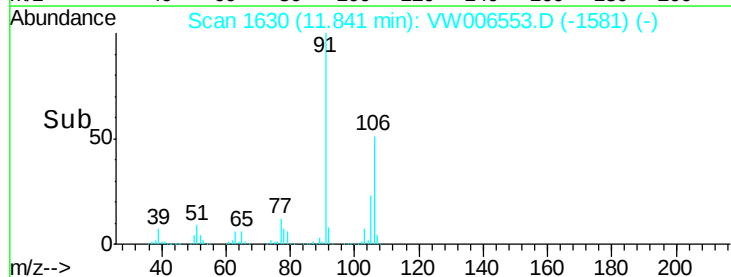
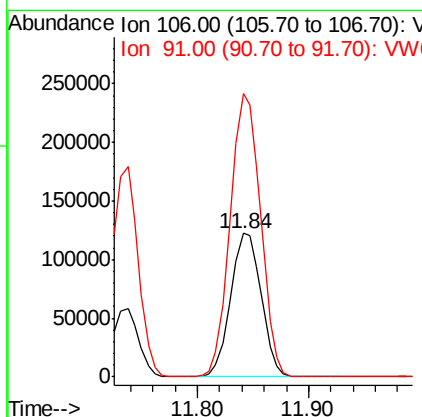
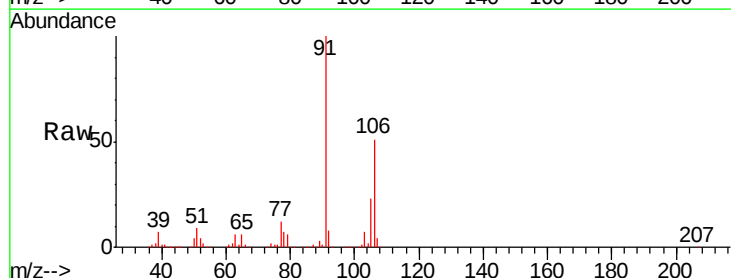
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

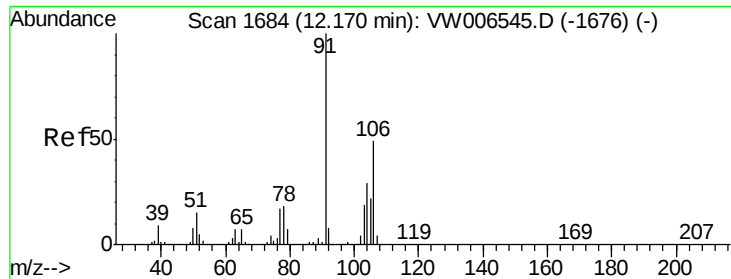
Tgt Ion: 91 Resp: 291112
Ion Ratio Lower Upper
91 100
106 32.6 26.3 39.5



#68
m/p-Xylenes
Concen: 41.03 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion: 106 Resp: 232196
Ion Ratio Lower Upper
106 100
91 196.5 156.7 235.1

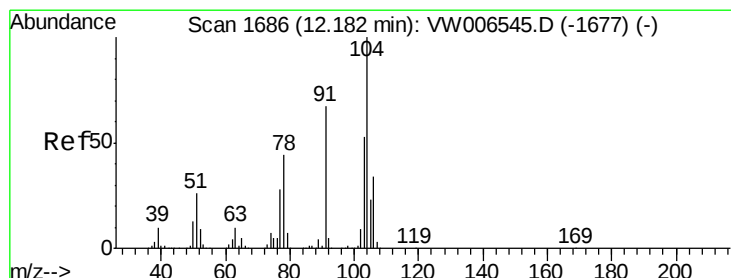
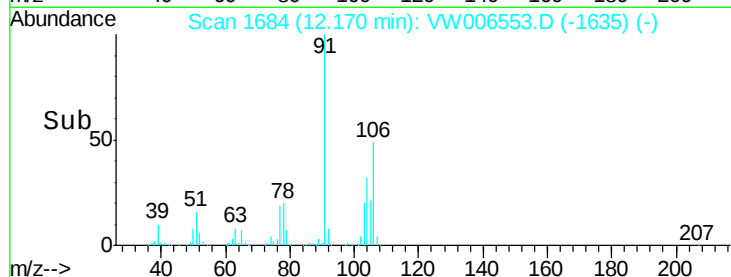
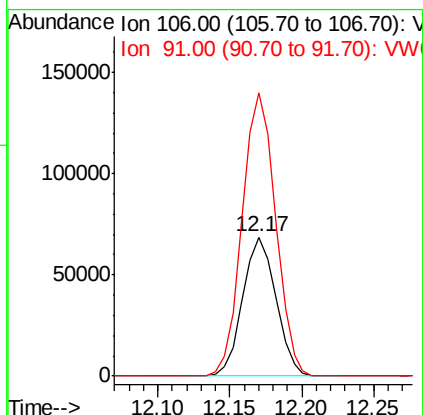
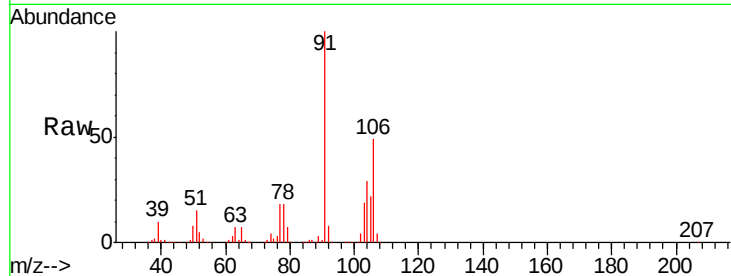




#69
o-Xylene
Concen: 20.41 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

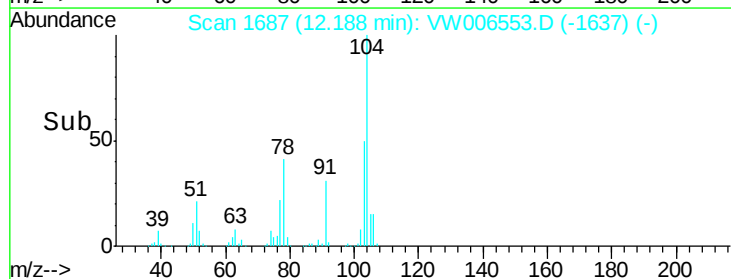
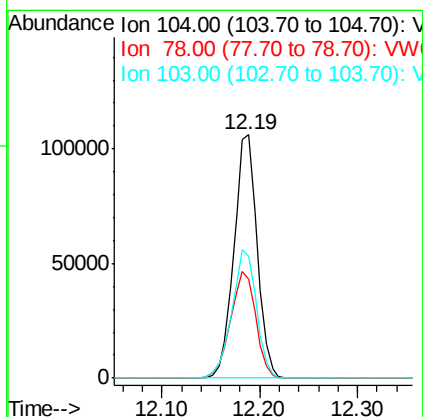
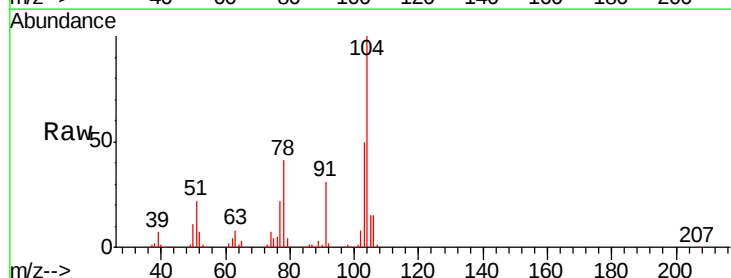
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

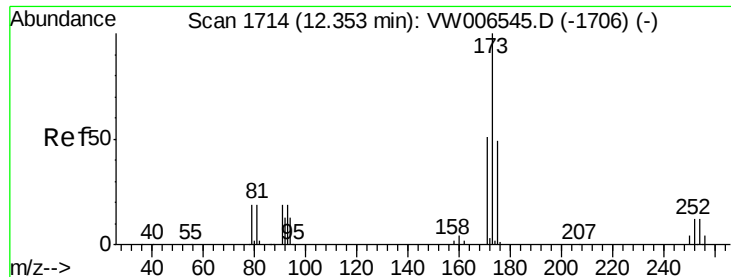
Tgt Ion:106 Resp: 109942
Ion Ratio Lower Upper
106 100
91 204.8 102.8 308.4



#70
Styrene
Concen: 19.88 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:104 Resp: 174570
Ion Ratio Lower Upper
104 100
78 47.9 37.2 55.8
103 55.6 44.2 66.2

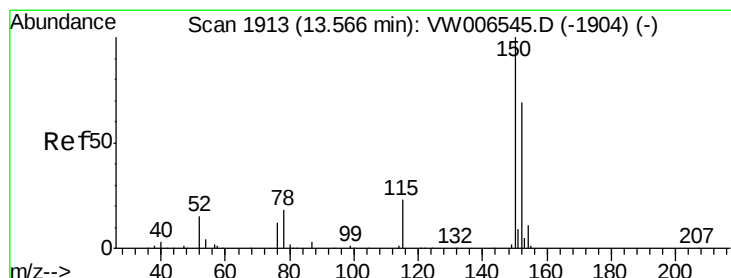
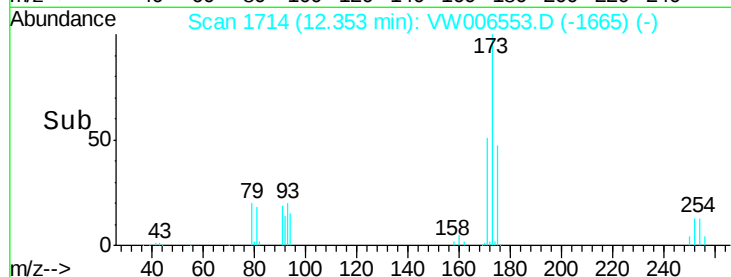
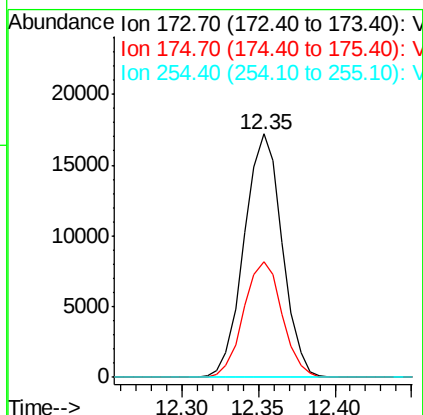
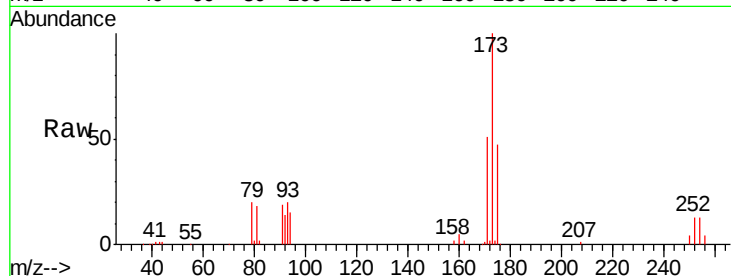




#71
Bromoform
Concen: 18.82 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

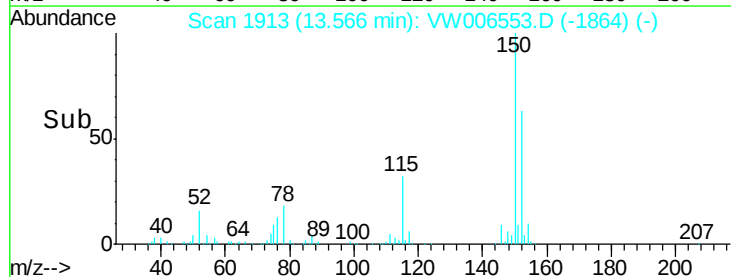
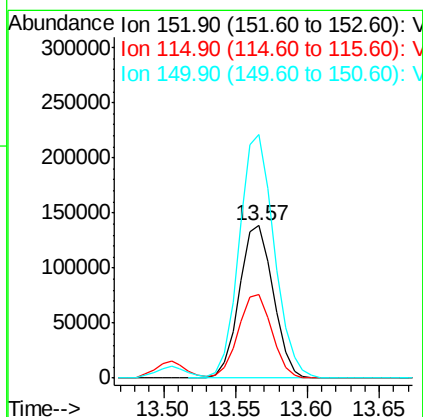
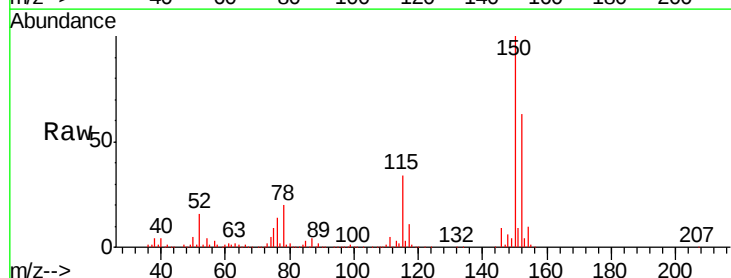
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

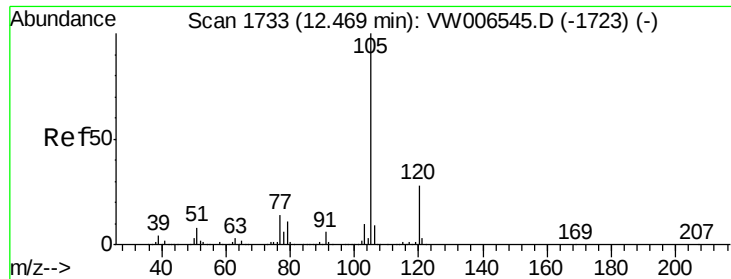
Tgt Ion:173 Resp: 29712
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:152 Resp: 225247
Ion Ratio Lower Upper
152 100
115 54.8 26.6 79.8
150 165.4 0.0 344.6





#73

Isopropylbenzene

Concen: 20.67 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

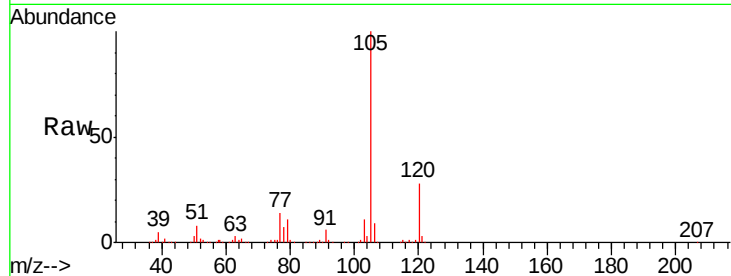
VW1102SBS01

Tgt Ion:105 Resp: 306770

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

150000

100000

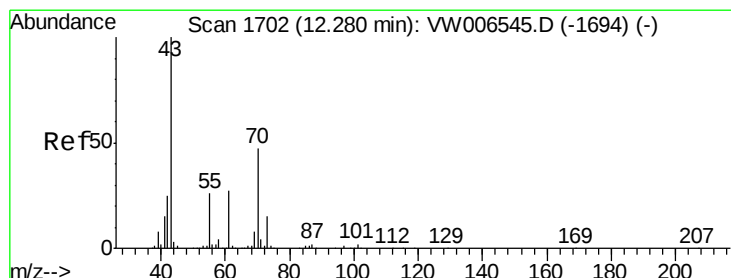
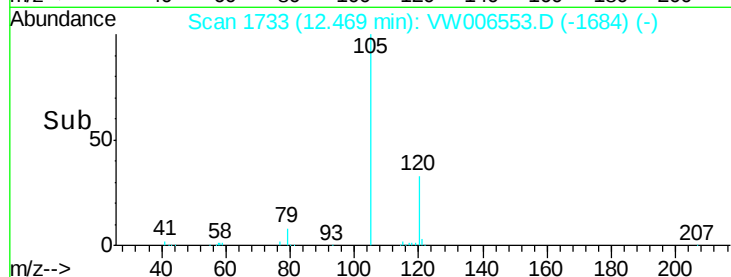
50000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 18.69 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Tgt Ion: 43 Resp: 47926

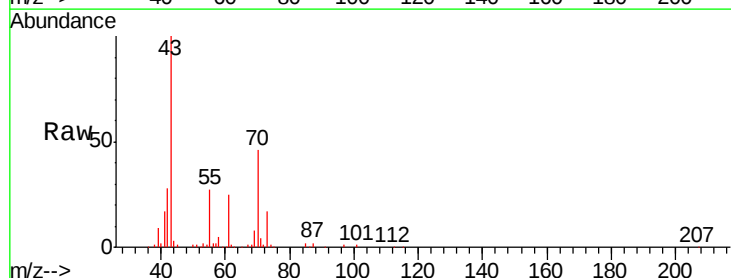
Ion Ratio Lower Upper

43 100

70 46.6 36.9 55.3

55 27.1 20.7 31.1

61 24.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

40000

30000

20000

10000

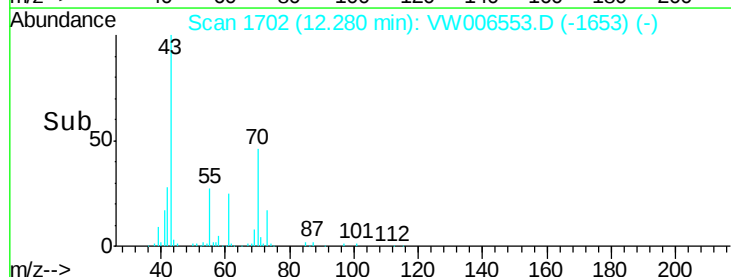
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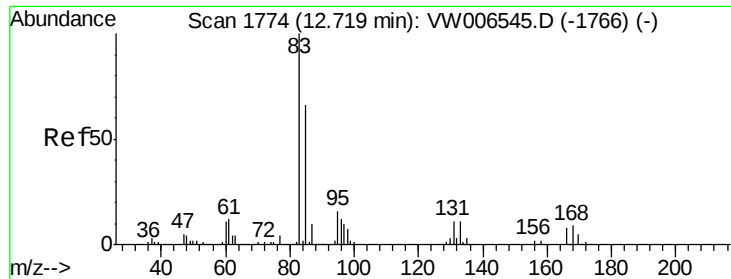
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 19.05 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

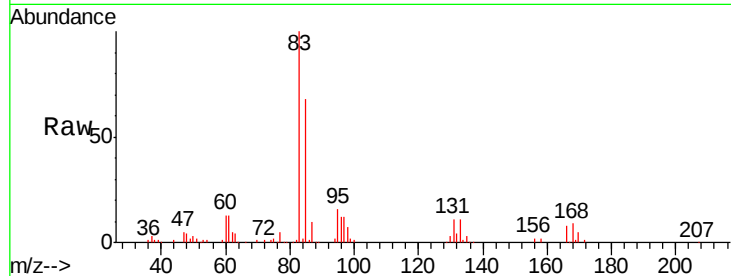
Tgt Ion: 83 Resp: 44650

Ion Ratio Lower Upper

83 100

131 12.2 5.9 17.7

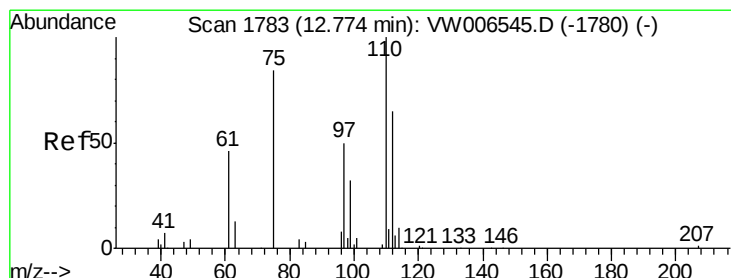
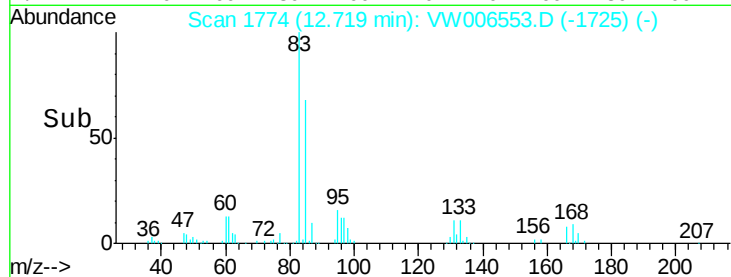
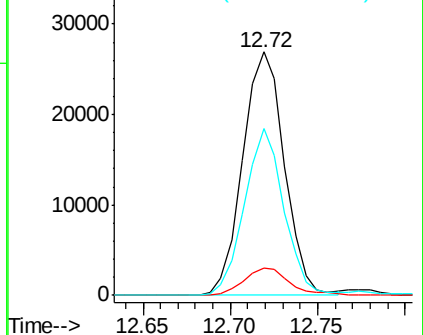
85 64.7 32.3 96.8



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: 32.06 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006553.D

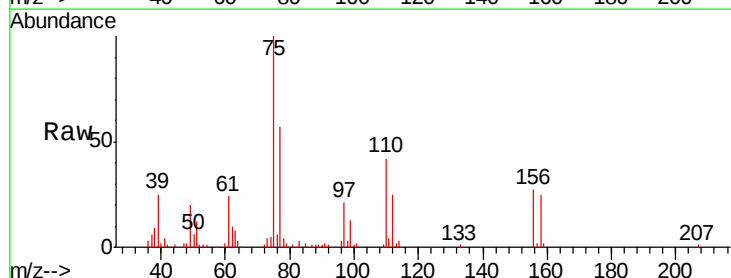
Acq: 01 Nov 2018 12:39

Tgt Ion: 75 Resp: 56342

Ion Ratio Lower Upper

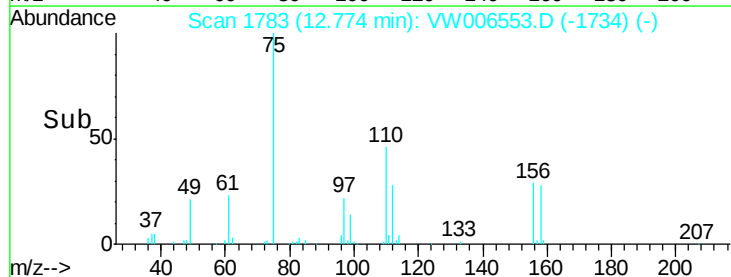
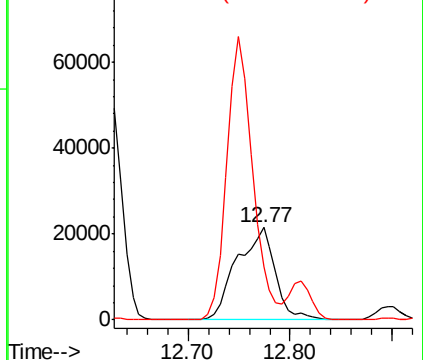
75 100

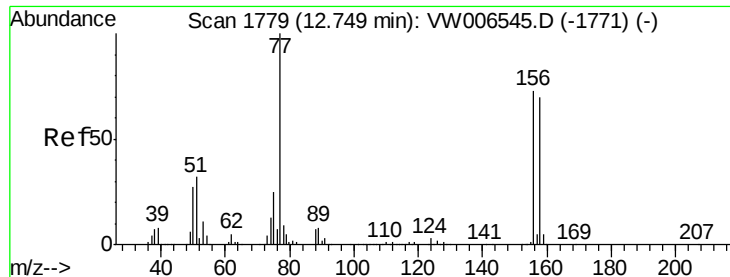
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.99 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

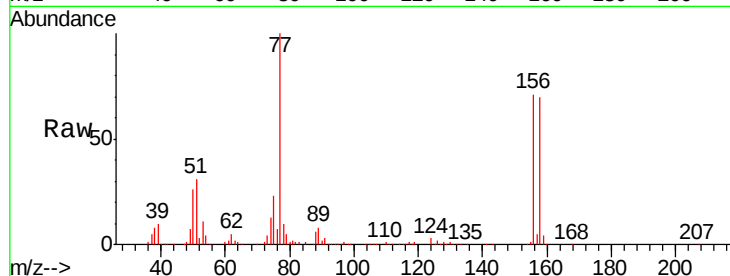
Tgt Ion:156 Resp: 76806

Ion Ratio Lower Upper

156 100

77 152.3 75.9 227.8

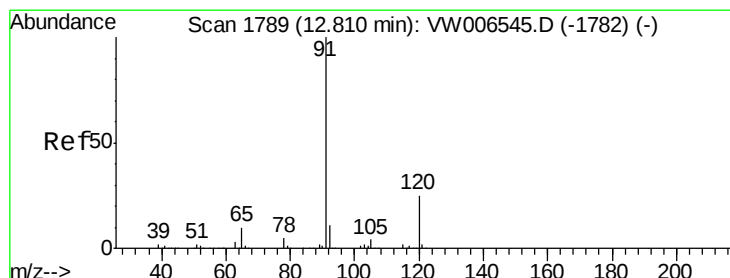
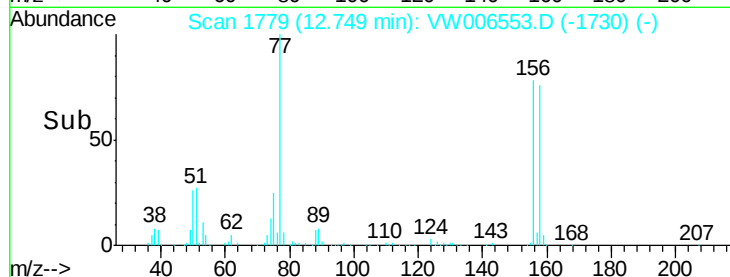
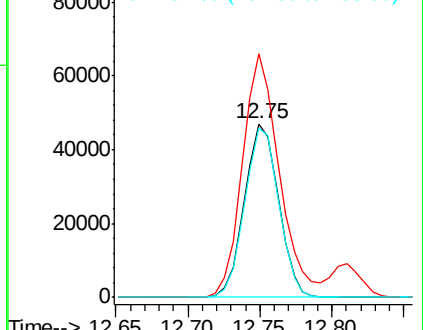
158 97.5 48.6 145.9



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: 20.85 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006553.D

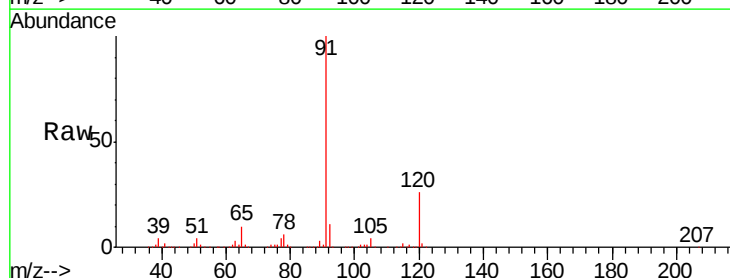
Acq: 01 Nov 2018 12:39

Tgt Ion: 91 Resp: 355919

Ion Ratio Lower Upper

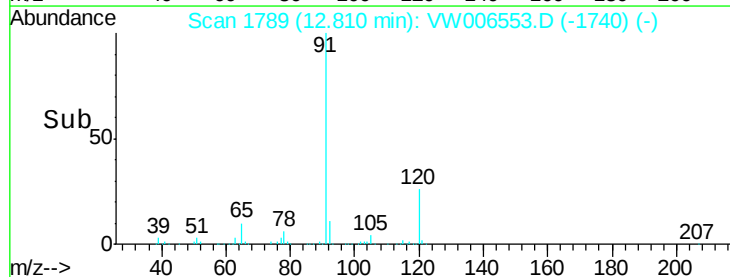
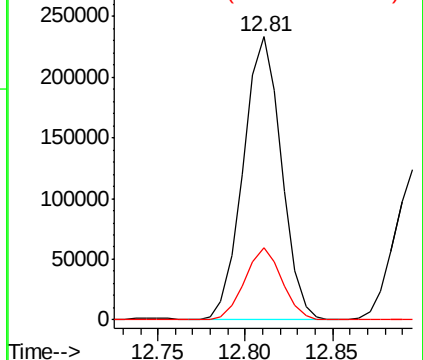
91 100

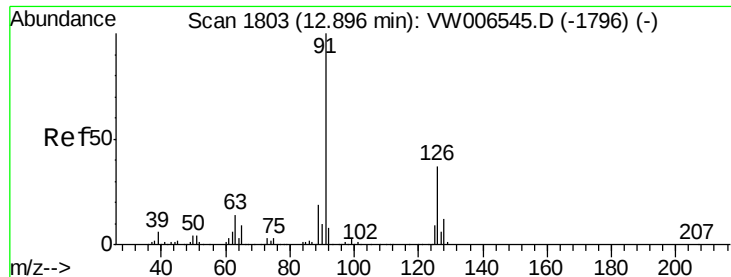
120 25.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

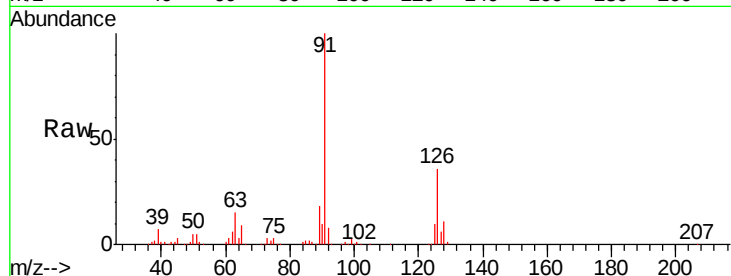
VW1102SBS01

Tgt Ion: 91 Resp: 197653

Ion Ratio Lower Upper

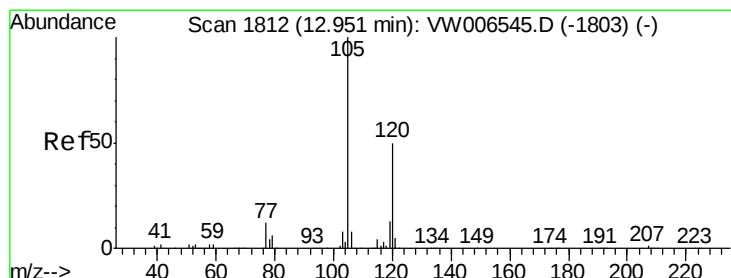
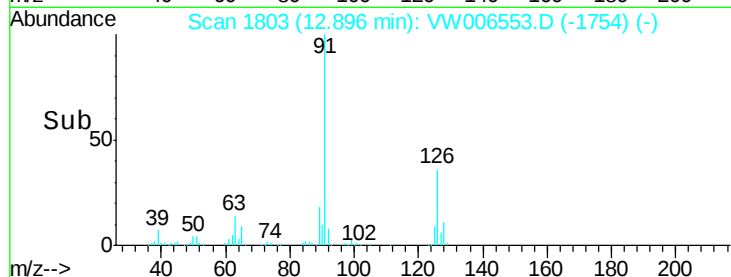
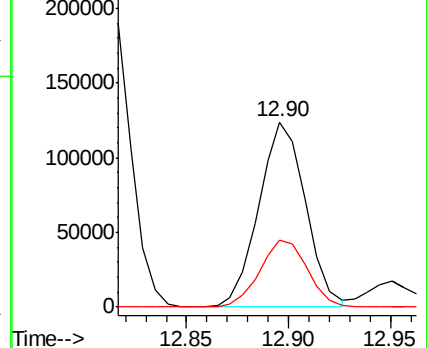
91 100

126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.73 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006553.D

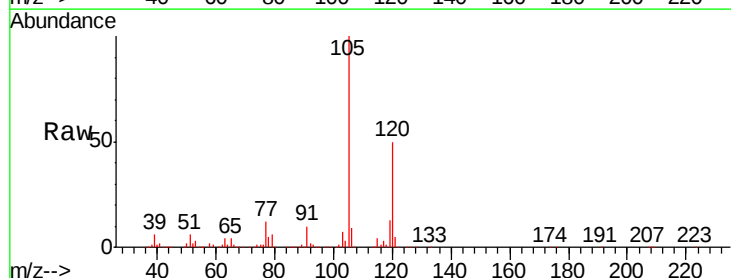
Acq: 01 Nov 2018 12:39

Tgt Ion: 105 Resp: 258368

Ion Ratio Lower Upper

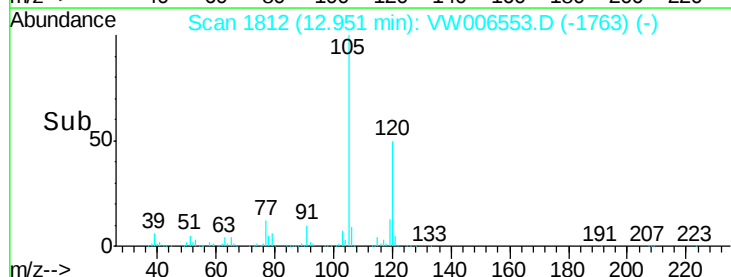
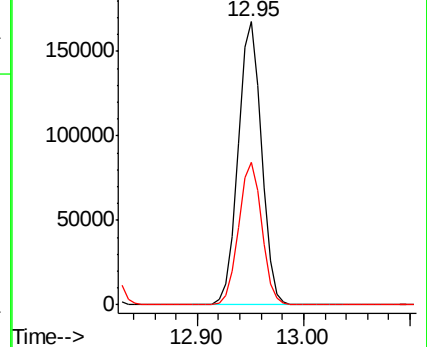
105 100

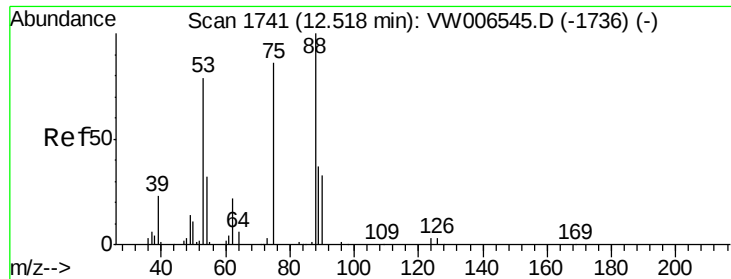
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.42 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

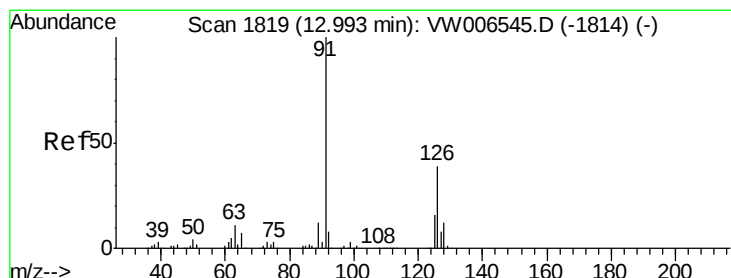
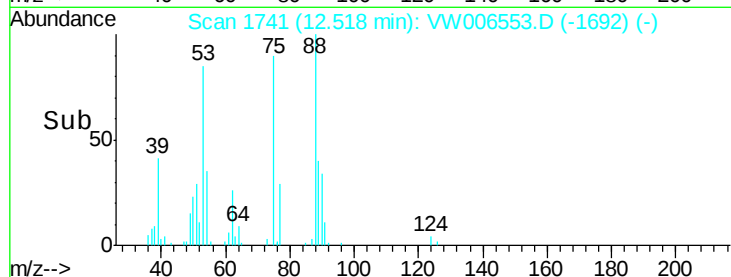
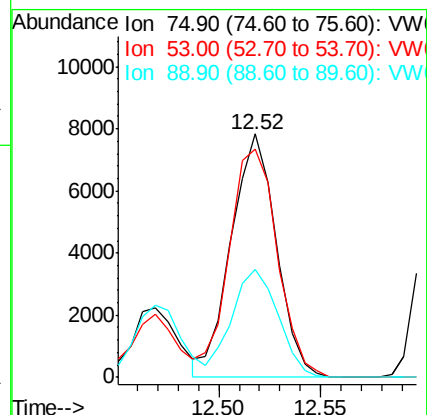
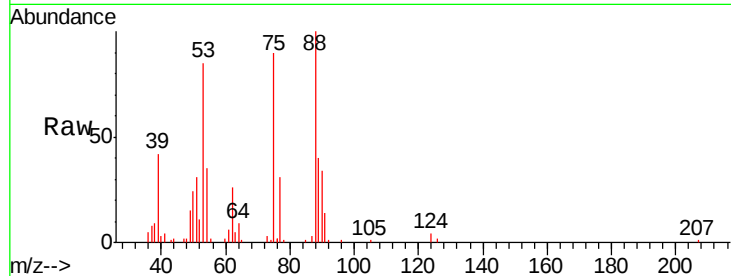
Tgt Ion: 75 Resp: 12015

Ion Ratio Lower Upper

75 100

53 100.1 77.2 115.8

89 45.5 38.6 58.0



#82

4-Chlorotoluene

Concen: 20.43 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006553.D

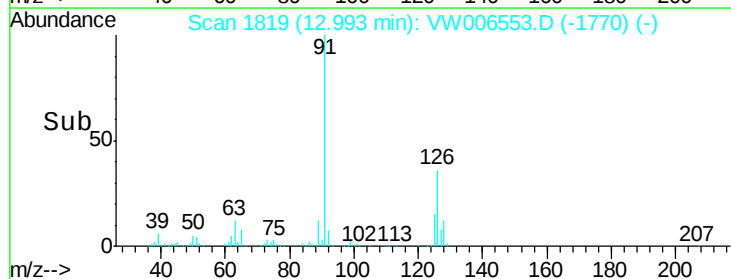
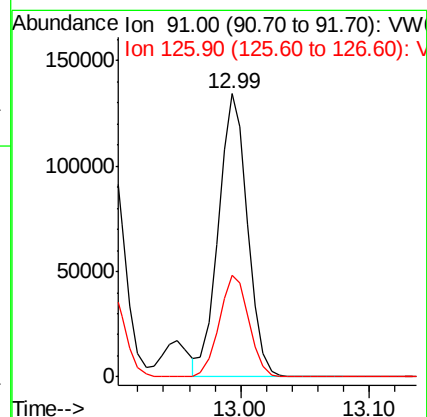
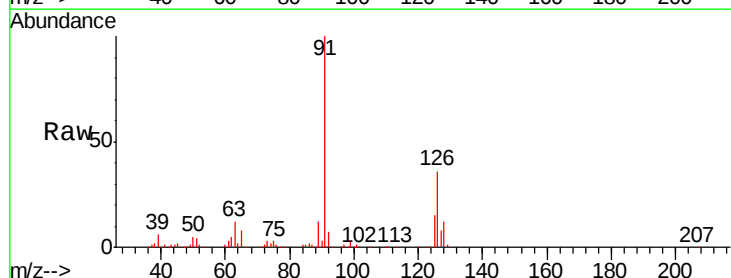
Acq: 01 Nov 2018 12:39

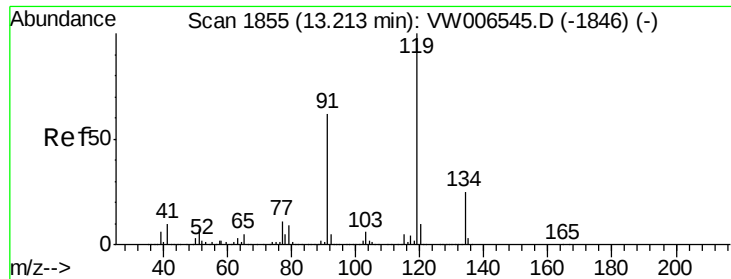
Tgt Ion: 91 Resp: 211719

Ion Ratio Lower Upper

91 100

126 36.7 18.5 55.5

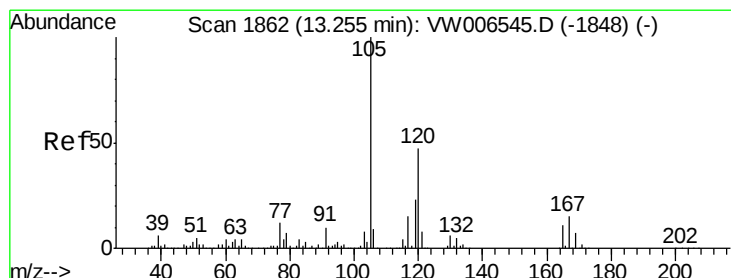
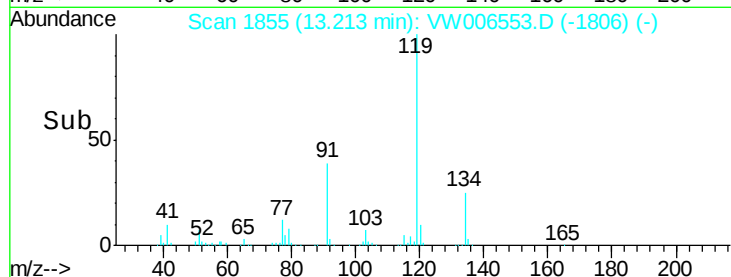
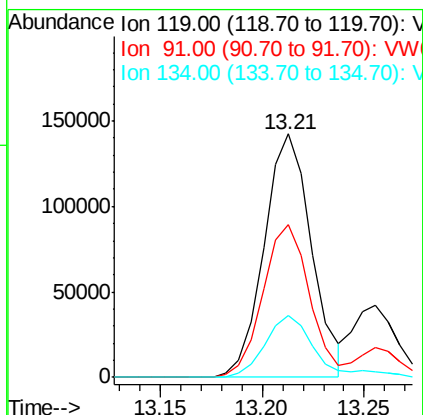
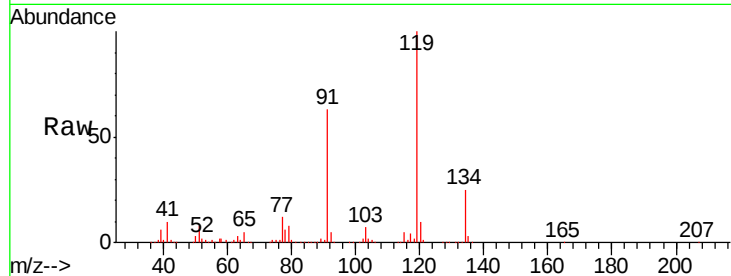




#83
tert-Butylbenzene
Concen: 20.73 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

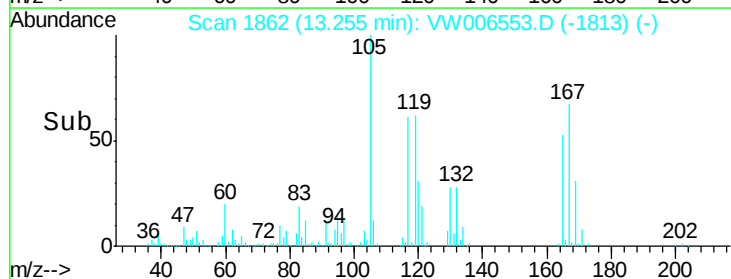
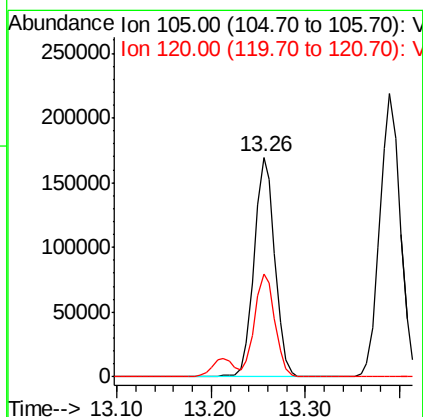
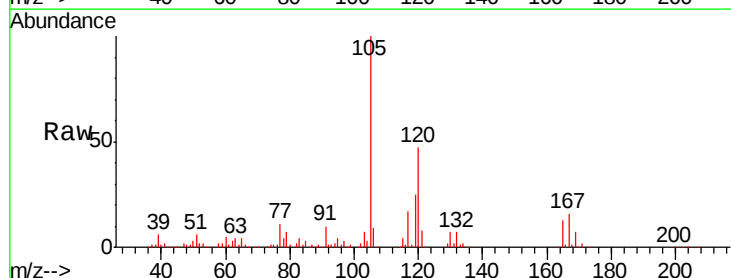
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

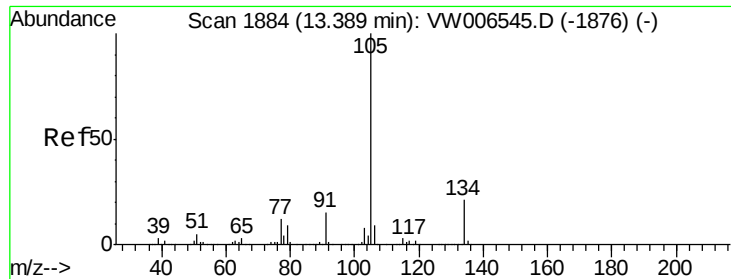
Tgt Ion:119 Resp: 230448
Ion Ratio Lower Upper
119 100
91 61.8 30.4 91.3
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.62 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:105 Resp: 263645
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.19 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

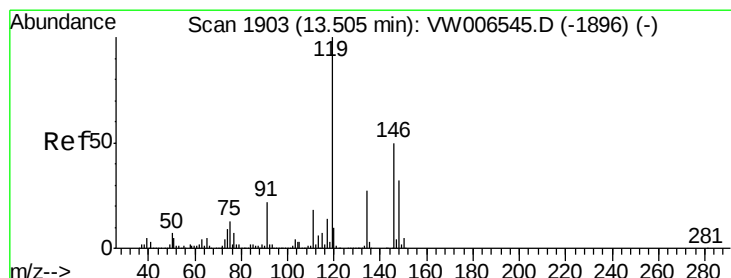
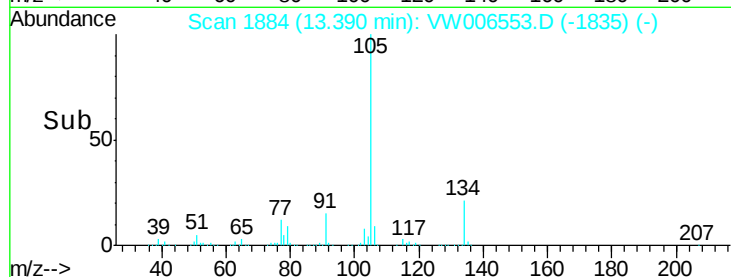
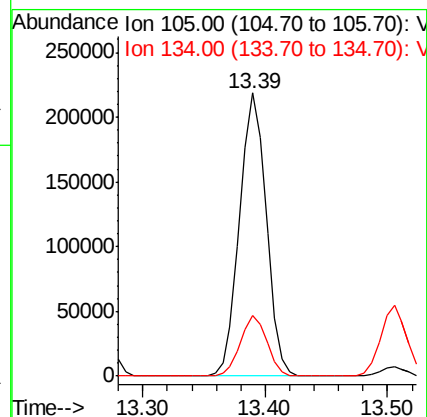
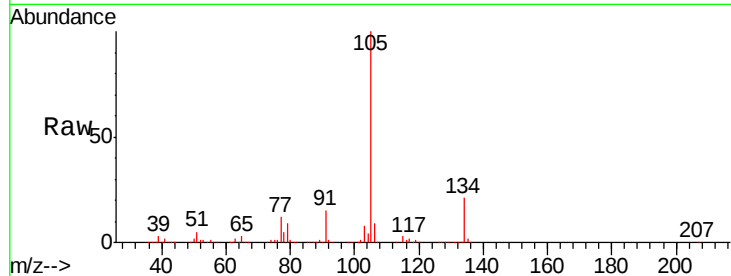
VW1102SBS01

Tgt Ion:105 Resp: 329968

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 21.02 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

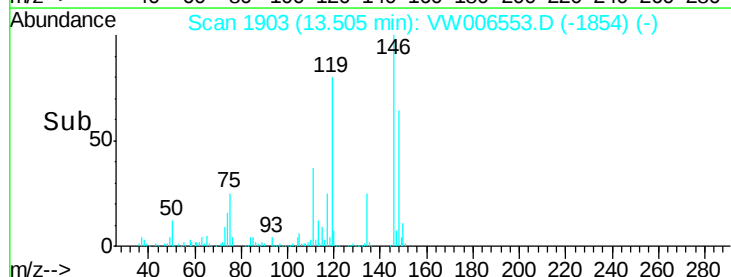
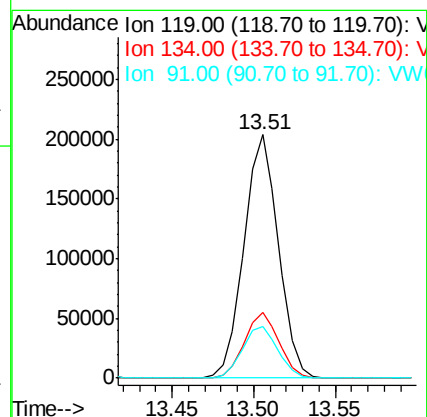
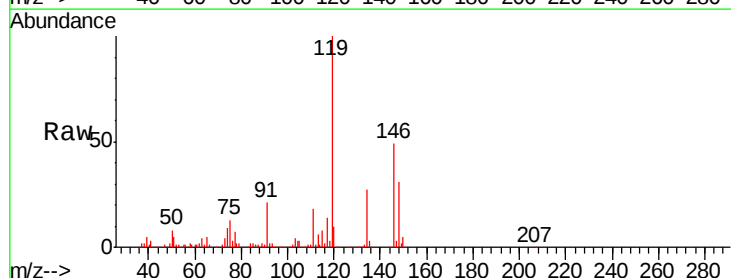
Tgt Ion:119 Resp: 297846

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.1 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 20.41 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

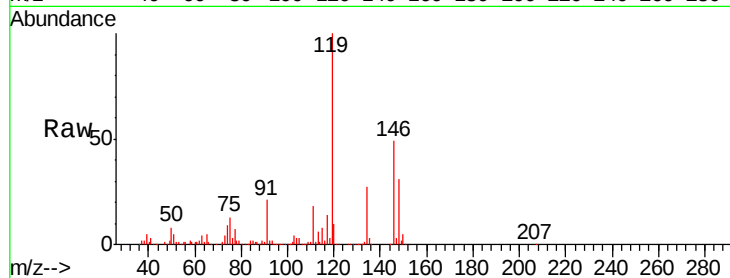
Tgt Ion:146 Resp: 154444

Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.6

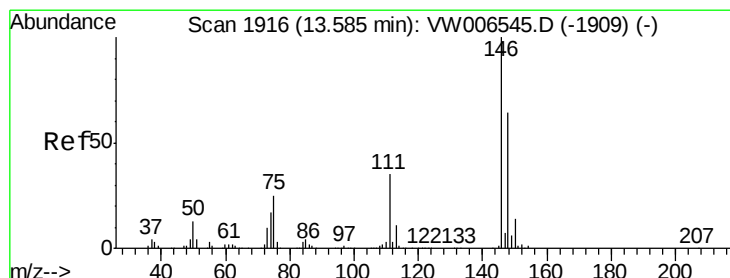
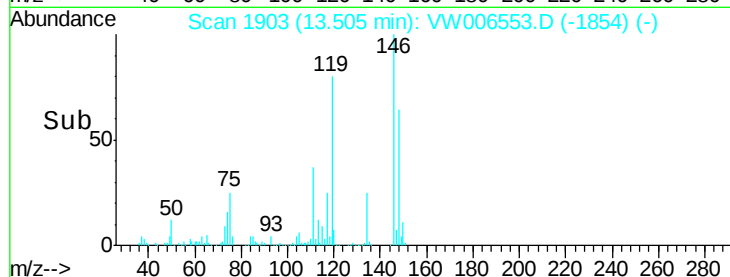
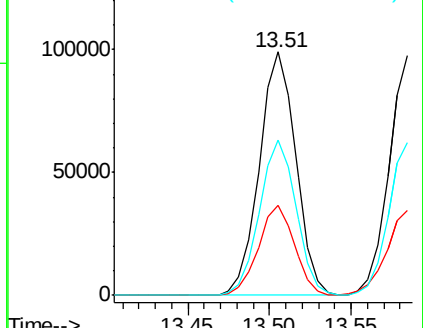
148 63.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.48 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

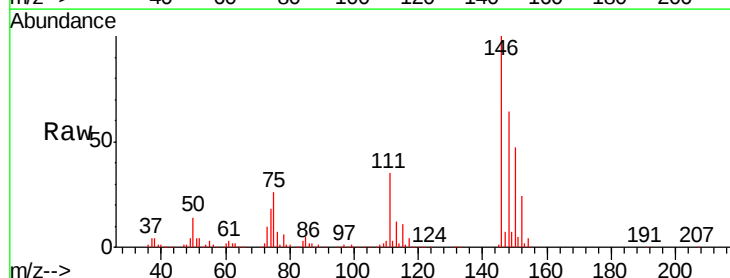
Tgt Ion:146 Resp: 153576

Ion Ratio Lower Upper

146 100

111 36.7 17.9 53.7

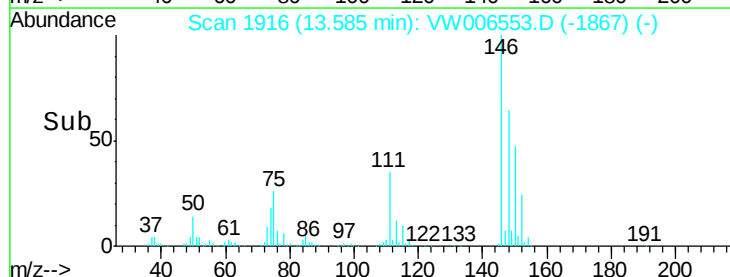
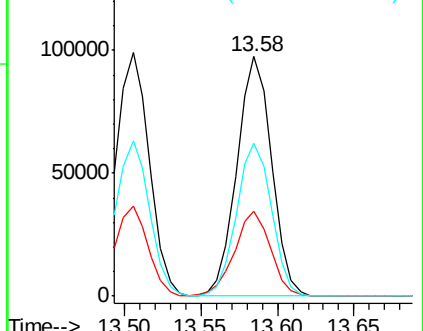
148 64.5 32.1 96.5



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





#89

n-Butylbenzene

Concen: 21.57 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

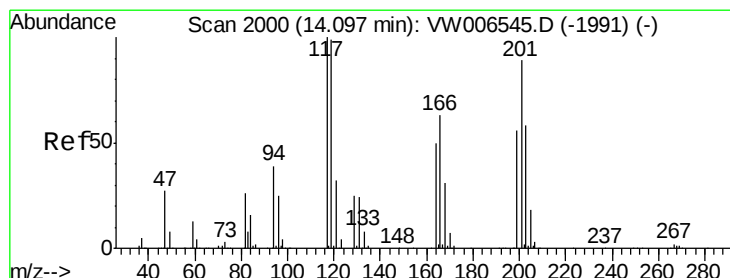
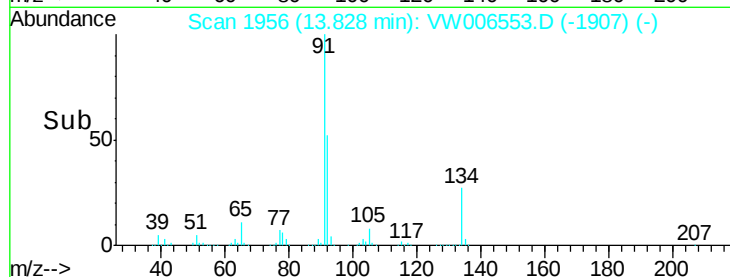
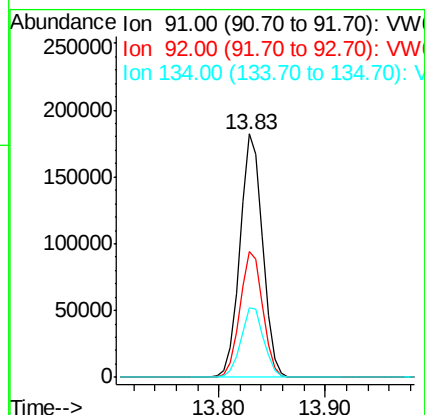
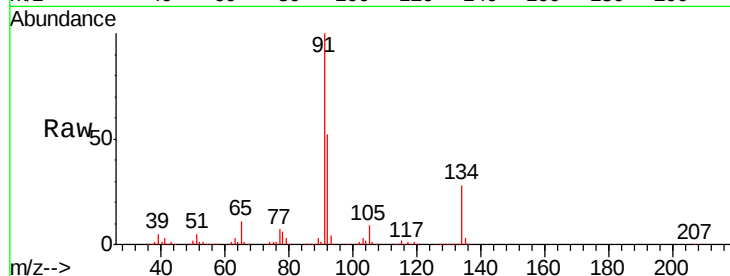
Tgt Ion: 91 Resp: 271326

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 29.0 14.3 42.9



#90

Hexachloroethane

Concen: 20.40 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006553.D

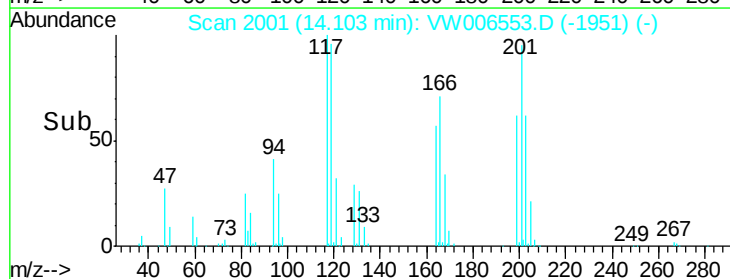
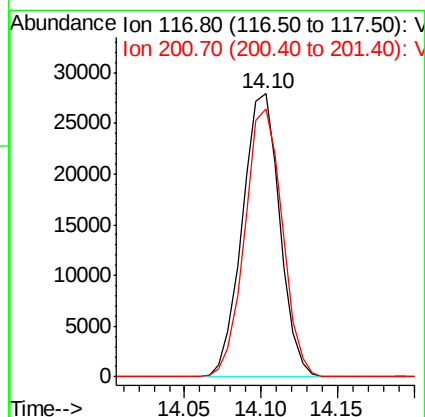
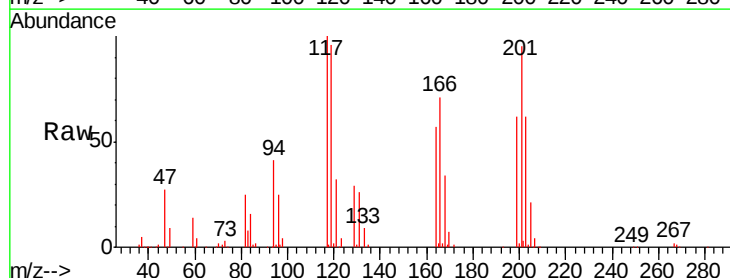
Acq: 01 Nov 2018 12:39

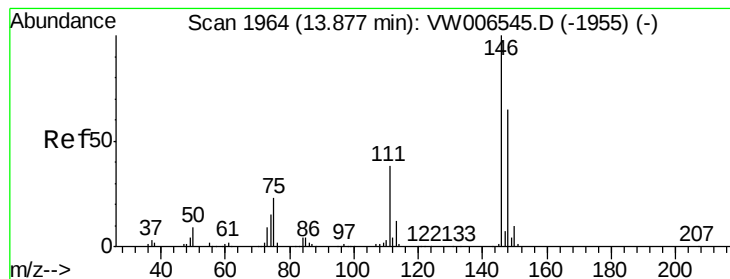
Tgt Ion: 117 Resp: 47492

Ion Ratio Lower Upper

117 100

201 94.9 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 19.87 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBS01

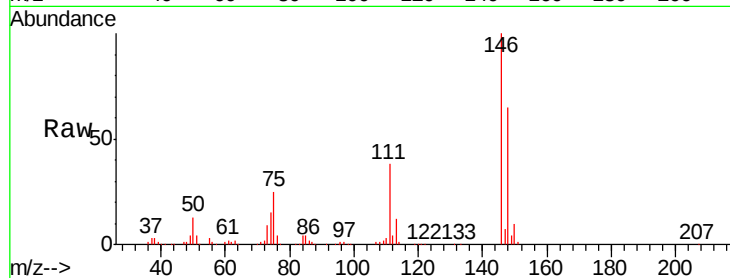
Tgt Ion: 146 Resp: 135245

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

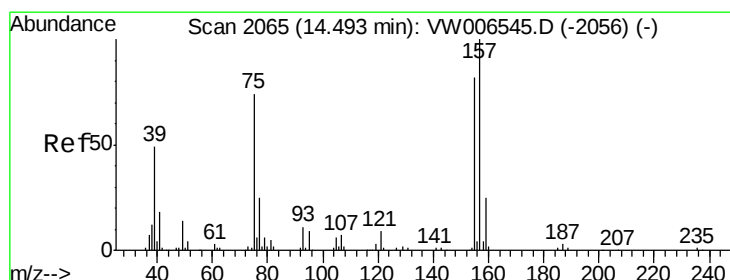
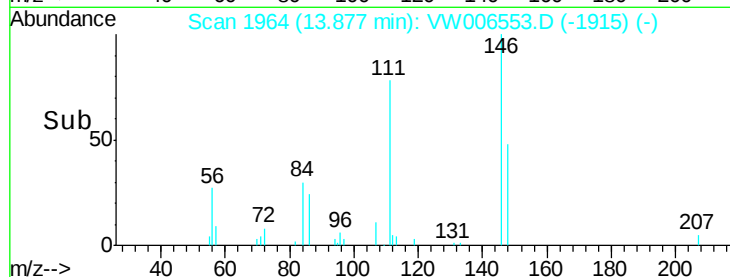
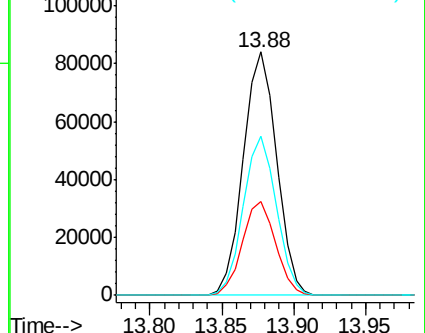
148 64.8 32.0 96.0



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: 18.09 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006553.D

Acq: 01 Nov 2018 12:39

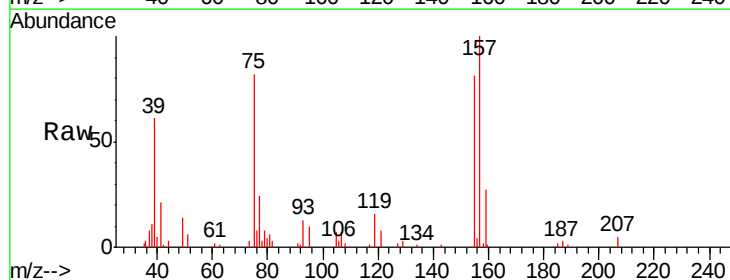
Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

75 100

155 98.9 50.6 151.8

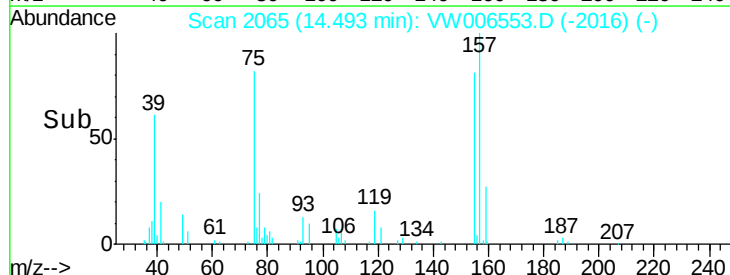
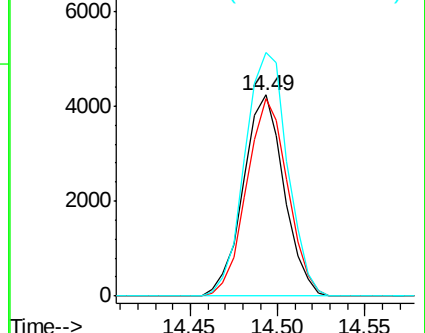
157 126.8 65.0 195.0

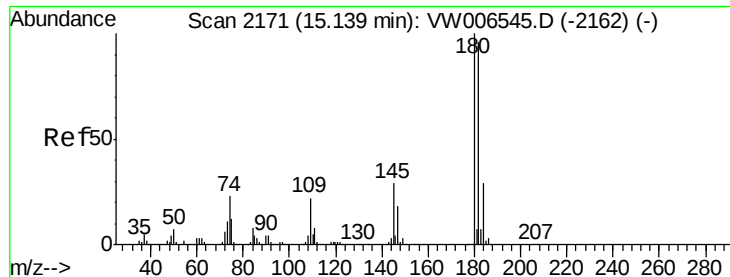


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

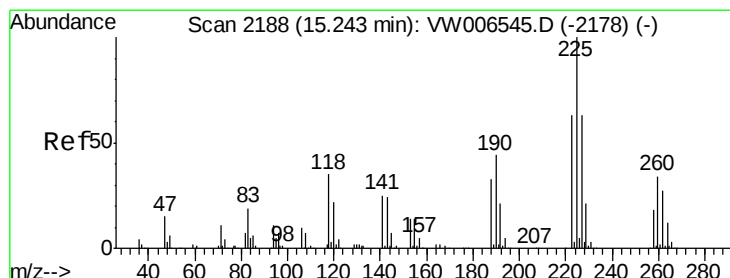
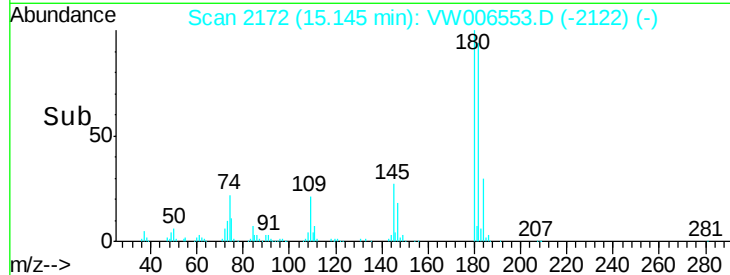
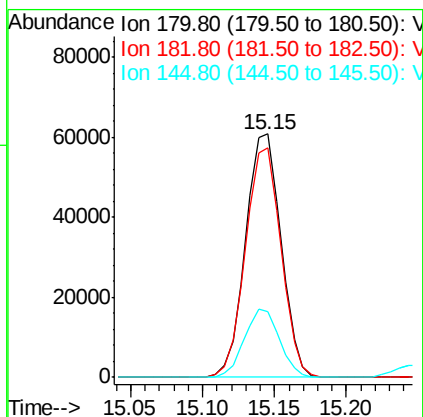
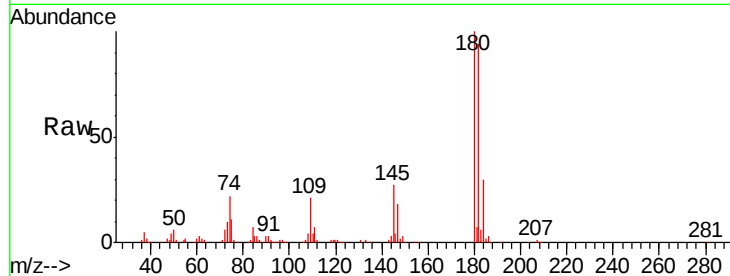




#93
 1,2,4-Trichlorobenzene
 Concen: 20.43 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

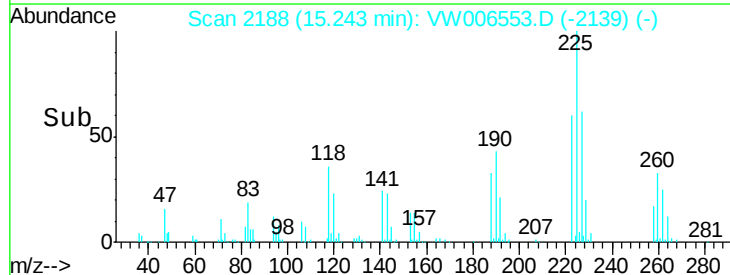
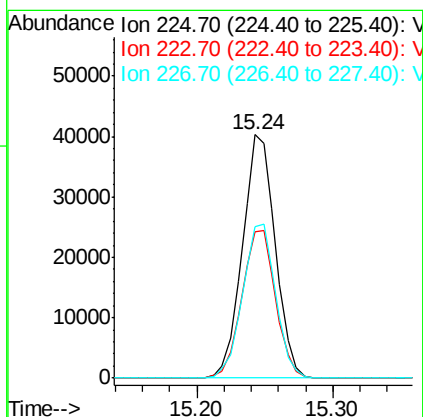
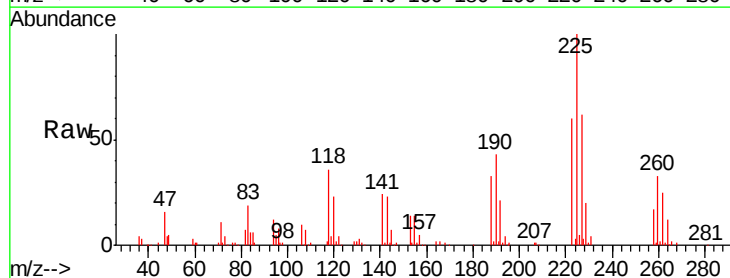
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBS01

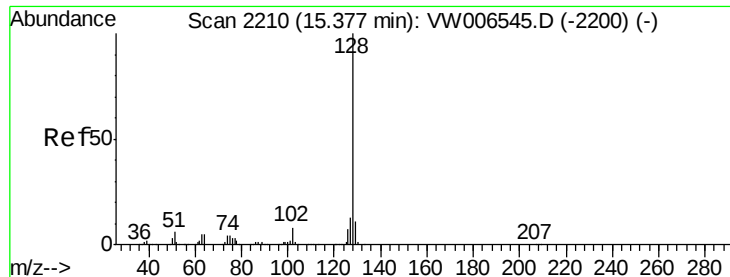
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	27.8	14.0	42.0



#94
 Hexachlorobutadiene
 Concen: 21.47 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006553.D
 Acq: 01 Nov 2018 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.2
227	63.9	32.2	96.6

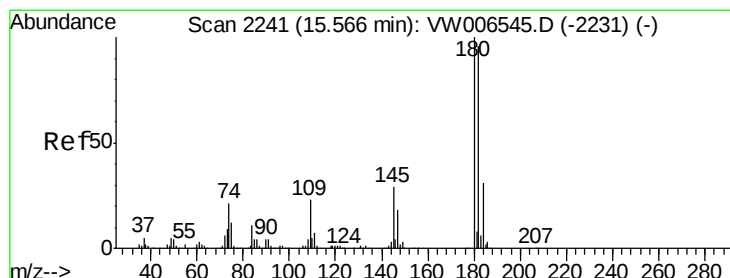
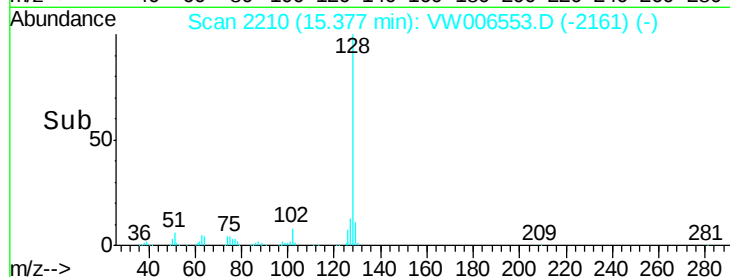
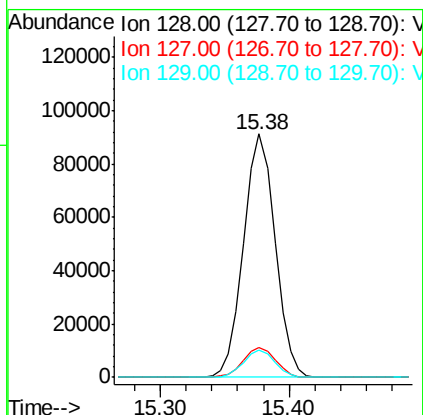
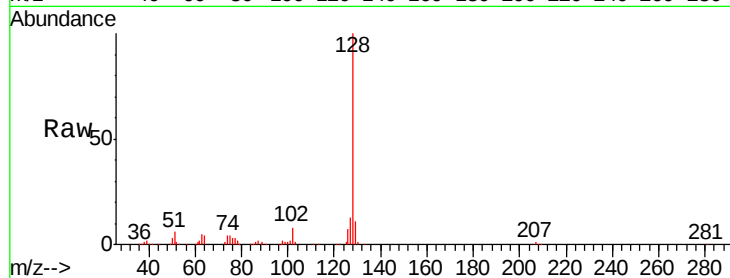




#95
Naphthalene
Concen: 19.01 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBS01

Tgt Ion:128 Resp: 154644
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.90 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006553.D
Acq: 01 Nov 2018 12:39

Tgt Ion:180 Resp: 88485
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 29.8 14.9 44.5

