

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112818\
 Data File : VW007106.D
 Acq On : 28 Nov 2018 12:10
 Operator : VAY/AP
 Sample : VW1128SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

Quant Time: Nov 28 16:25:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79893	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52978	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	48921	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.32	98	215871	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	84090	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	25915	24.01	ug/l	95
3) Chloromethane	2.21	50	20473	22.76	ug/l	94
4) Vinyl Chloride	2.36	62	19240	21.74	ug/l	98
5) Bromomethane	2.78	94	11123	23.54	ug/l	89
6) Chloroethane	2.92	64	10811	22.16	ug/l	93
7) Trichlorofluoromethane	3.26	101	39819	22.88	ug/l	96
8) Diethyl Ether	3.69	74	12303	21.94	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26502	23.49	ug/l	99
10) Methyl Iodide	4.28	142	24094	18.65	ug/l	98
11) Tert butyl alcohol	5.21	59	7596	109.01	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	22079	22.31	ug/l	96
13) Acrolein	3.90	56	6824	95.36	ug/l	96
14) Allyl chloride	4.67	41	35340	21.53	ug/l	99
15) Acrylonitrile	5.37	53	21974	104.25	ug/l	99
16) Acetone	4.14	43	15884	102.21	ug/l	98
17) Carbon Disulfide	4.39	76	69355	21.68	ug/l	97
18) Methyl Acetate	4.68	43	10955	19.79	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	56991	22.06	ug/l	99
20) Methylene Chloride	4.92	84	27317	18.67	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	25199	21.86	ug/l	94
22) Diisopropyl ether	6.32	45	67725	21.20	ug/l	99
23) Vinyl Acetate	6.26	43	191180	112.69	ug/l	99
24) 1,1-Dichloroethane	6.21	63	41469	21.34	ug/l	100
25) 2-Butanone	7.18	43	27782	104.38	ug/l	96
26) 2,2-Dichloropropane	7.17	77	42365	24.24	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26899	21.91	ug/l	98
28) Bromochloromethane	7.51	49	12883	17.74	ug/l #	99
29) Tetrahydrofuran	7.54	42	17337	100.57	ug/l	99
30) Chloroform	7.68	83	43877	21.25	ug/l	98
31) Cyclohexane	7.96	56	46895	22.75	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	44110	23.72	ug/l	99
36) 1,1-Dichloropropene	8.09	75	38166	23.22	ug/l	99
37) Ethyl Acetate	7.26	43	12625	21.19	ug/l	97
38) Carbon Tetrachloride	8.07	117	39090	24.83	ug/l	99

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 Sample : VW1128SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

Quant Time: Nov 28 16:25:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	47059	22.87	ug/l	98
40) Benzene	8.32	78	98333	22.16	ug/l	98
41) Methacrylonitrile	7.49	41	8022	21.68	ug/l	95
42) 1,2-Dichloroethane	8.40	62	27917	21.67	ug/l	99
43) Isopropyl Acetate	8.43	43	24574	21.65	ug/l	99
44) Trichloroethene	9.09	130	29119	23.41	ug/l	92
45) 1,2-Dichloropropane	9.37	63	24224	22.14	ug/l	97
46) Dibromomethane	9.46	93	11917	21.75	ug/l	99
47) Bromodichloromethane	9.65	83	32851	22.76	ug/l	97
48) Methyl methacrylate	9.44	41	12399	22.65	ug/l	96
49) 1,4-Dioxane	9.47	88	3480	427.39	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	58926	102.71	ug/l	100
52) Toluene	10.39	92	67332	22.29	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	31540	22.56	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37944	22.46	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17810	22.10	ug/l	97
56) Ethyl methacrylate	10.65	69	20215	21.61	ug/l	96
57) 1,3-Dichloropropane	10.93	76	29191	21.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	50475	103.24	ug/l	99
59) 2-Hexanone	10.97	43	41378	105.32	ug/l	99
60) Dibromochloromethane	11.13	129	20618	22.45	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16389	22.23	ug/l	98
64) Tetrachloroethene	10.86	164	22774	22.68	ug/l	99
65) Chlorobenzene	11.66	112	72773	22.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22636	22.97	ug/l	99
67) Ethyl Benzene	11.73	91	134114	22.41	ug/l	99
68) m/p-Xylenes	11.84	106	105762	45.05	ug/l	99
69) o-Xylene	12.17	106	49308	22.27	ug/l	97
70) Styrene	12.18	104	79375	22.53	ug/l	99
71) Bromoform	12.35	173	10937	23.56	ug/l #	97
73) Isopropylbenzene	12.47	105	139494	22.47	ug/l	99
74) N-amyl acetate	12.27	43	22452	21.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17406	21.06	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24656	39.27	ug/l #	100
77) Bromobenzene	12.75	156	29064	21.79	ug/l	97
78) n-propylbenzene	12.81	91	166354	22.12	ug/l	100
79) 2-Chlorotoluene	12.90	91	94513	21.79	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	117669	21.91	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5184	20.73	ug/l	95
82) 4-Chlorotoluene	12.99	91	100520	22.09	ug/l	99
83) tert-Butylbenzene	13.21	119	104042	22.38	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117932	22.05	ug/l	99
85) sec-Butylbenzene	13.39	105	146369	22.29	ug/l	99
86) p-Isopropyltoluene	13.51	119	130196	22.47	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60713	22.30	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	59344	21.86	ug/l	99
89) n-Butylbenzene	13.83	91	120760	22.15	ug/l	100
90) Hexachloroethane	14.10	117	19089	22.57	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	52836	22.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3001	21.50	ug/l	94

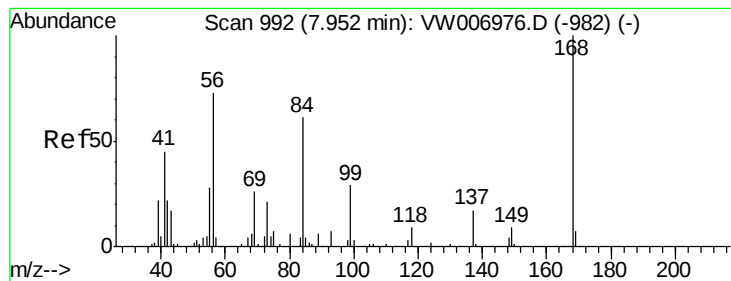
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112818\
Data File : VW007106.D
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Sample : VW1128SBS01
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MSVOA_W
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Quant Time: Nov 28 16:25:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34294	21.80	ug/l	99
94) Hexachlorobutadiene	15.24	225	19781	23.13	ug/l	96
95) Naphthalene	15.38	128	59124	20.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27741	21.26	ug/l	98

(#) = 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: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

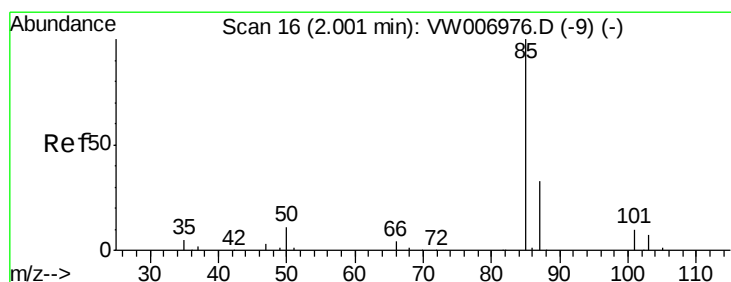
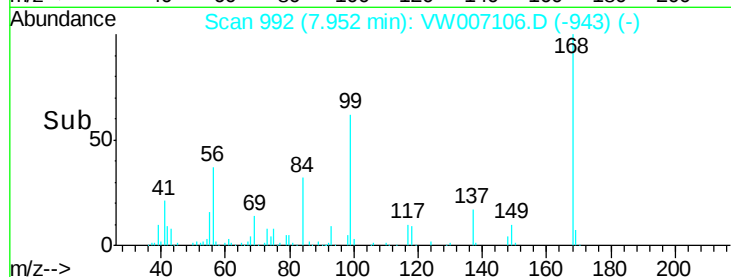
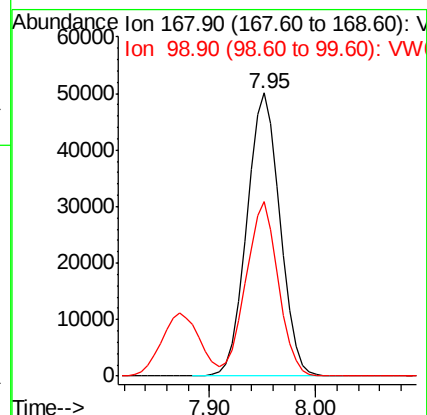
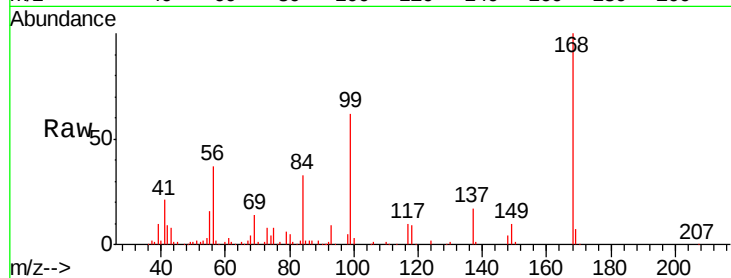
VW1128SBS01

Tgt Ion:168 Resp: 109331

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 24.01 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007106.D

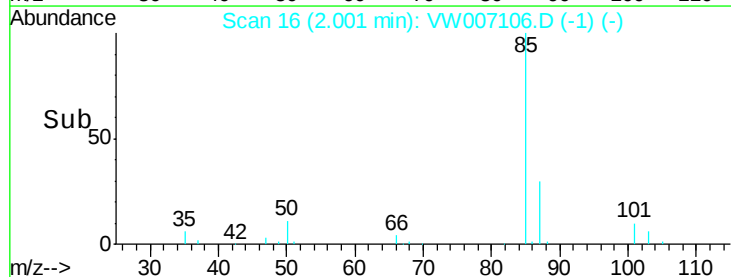
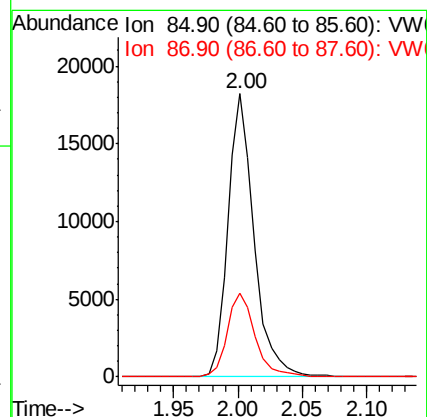
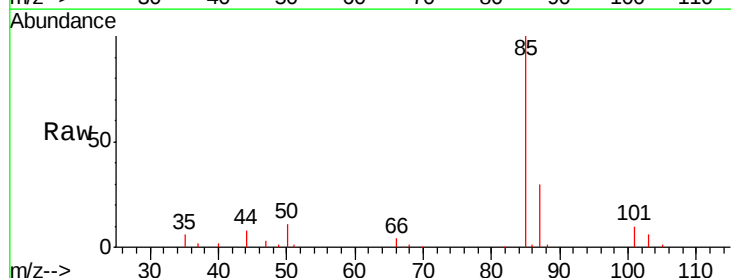
Acq: 28 Nov 2018 12:10

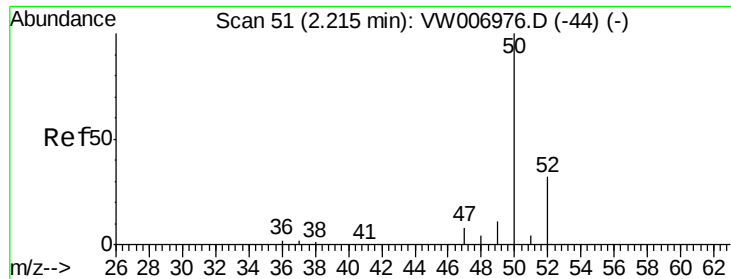
Tgt Ion: 85 Resp: 25915

Ion Ratio Lower Upper

85 100

87 29.7 16.3 48.9





#3

Chloromethane

Concen: 22.76 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

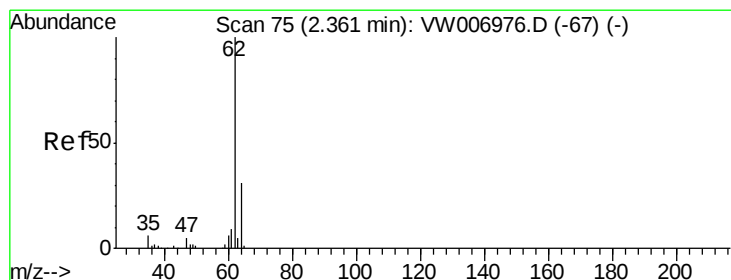
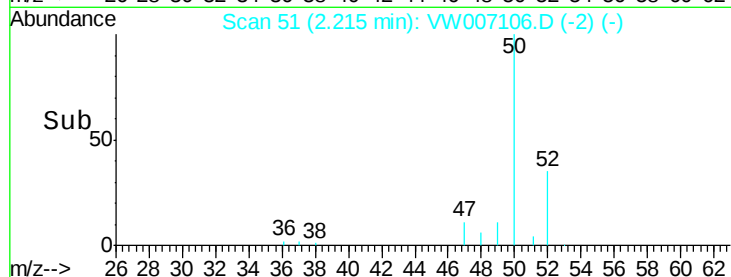
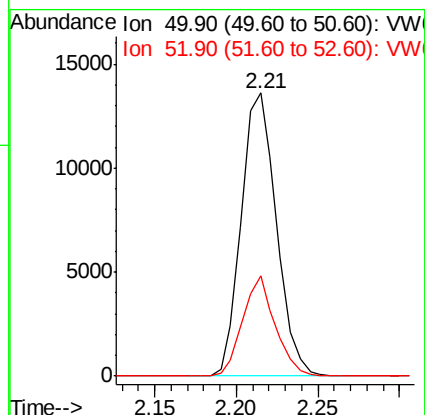
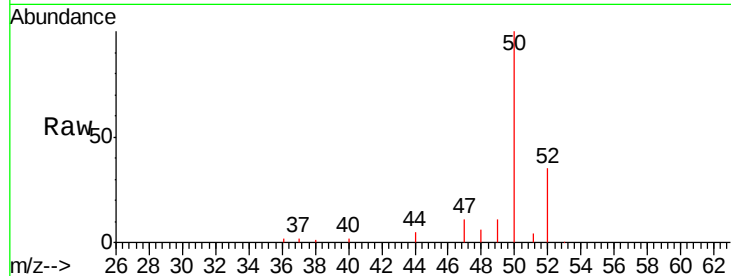
VW1128SBS01

Tgt Ion: 50 Resp: 20473

Ion Ratio Lower Upper

50 100

52 35.4 25.7 38.5



#4

Vinyl Chloride

Concen: 21.74 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007106.D

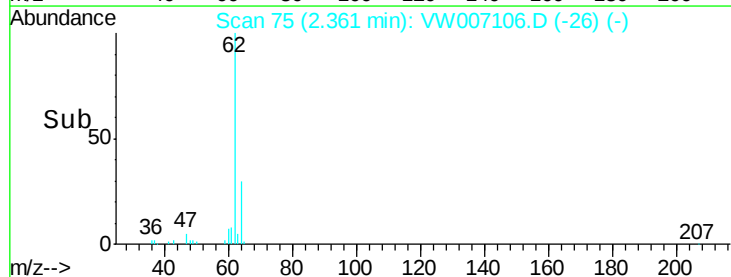
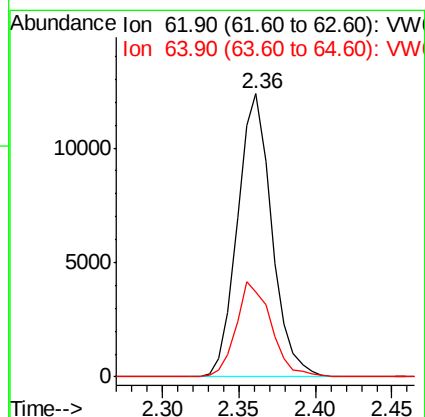
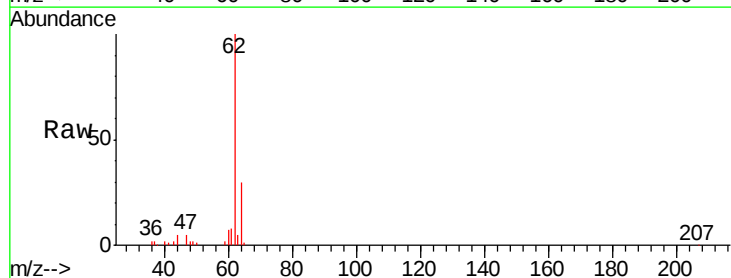
Acq: 28 Nov 2018 12:10

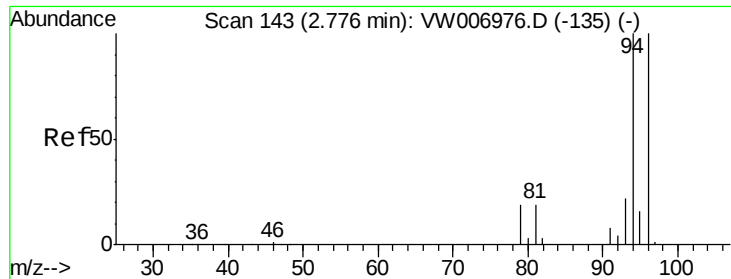
Tgt Ion: 62 Resp: 19240

Ion Ratio Lower Upper

62 100

64 30.2 25.2 37.8





#5

Bromomethane

Concen: 23.54 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

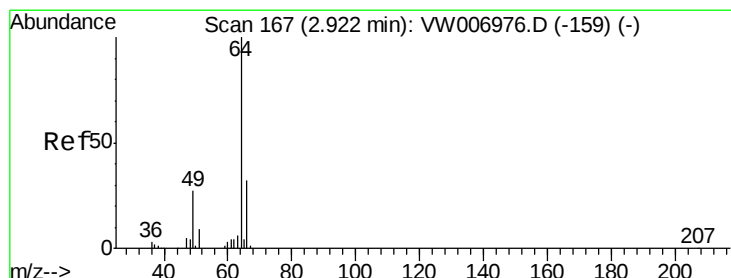
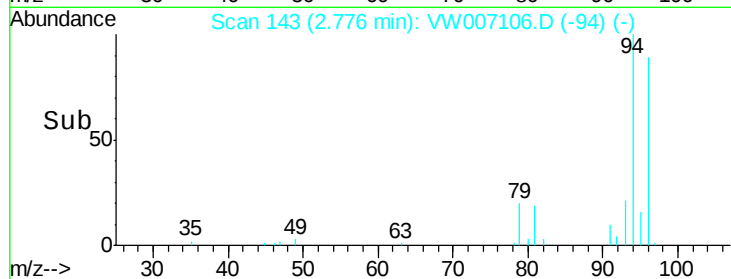
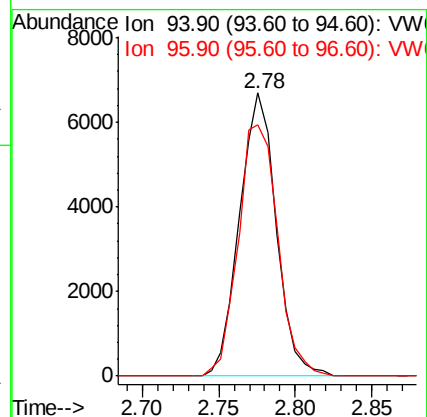
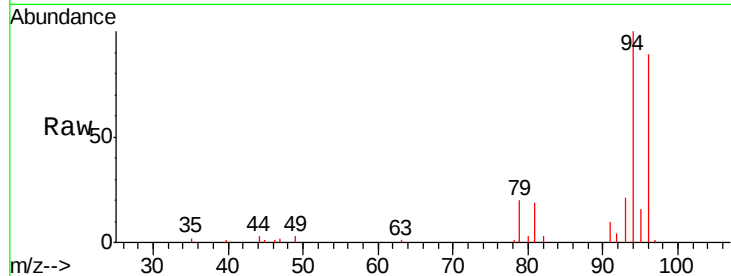
VW1128SBS01

Tgt Ion: 94 Resp: 11123

Ion Ratio Lower Upper

94 100

96 88.9 80.2 120.2



#6

Chloroethane

Concen: 22.16 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007106.D

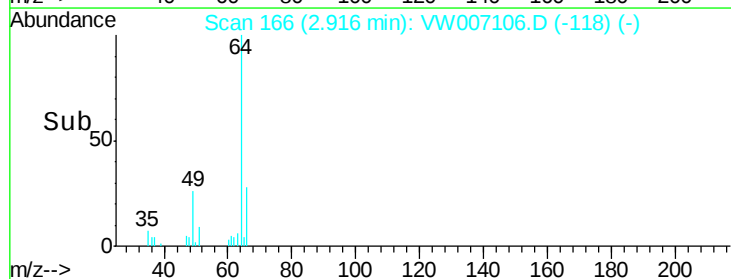
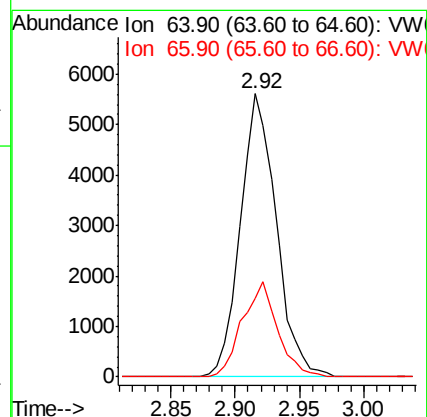
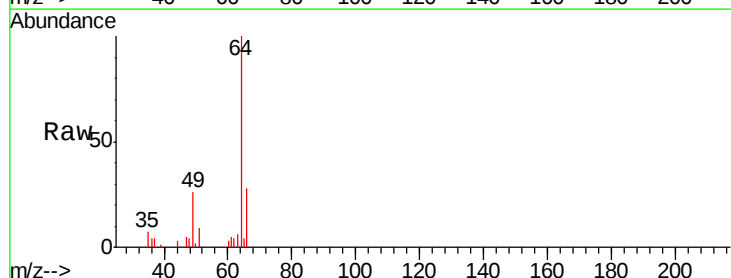
Acq: 28 Nov 2018 12:10

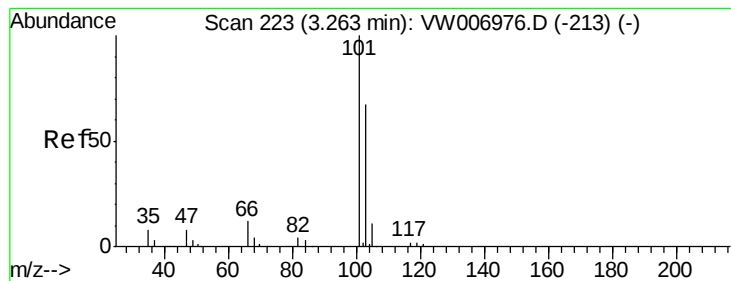
Tgt Ion: 64 Resp: 10811

Ion Ratio Lower Upper

64 100

66 27.8 25.3 37.9



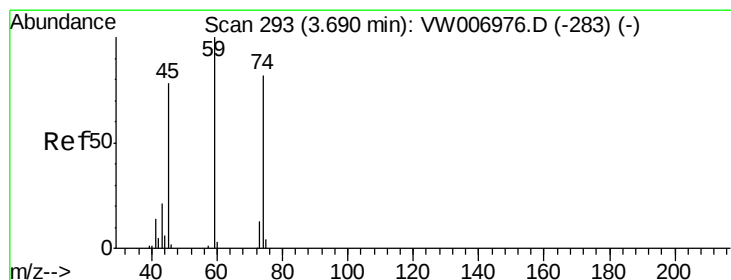
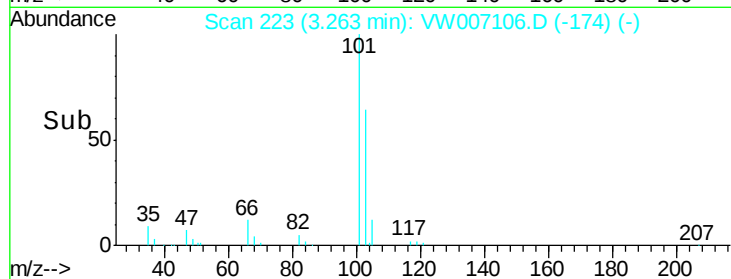
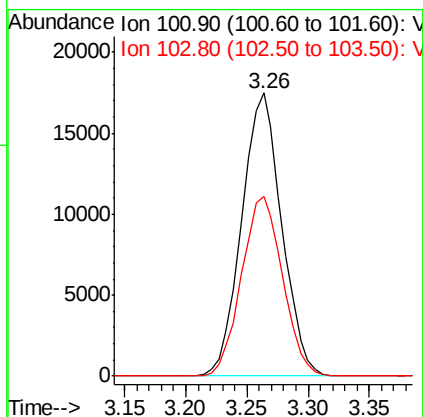
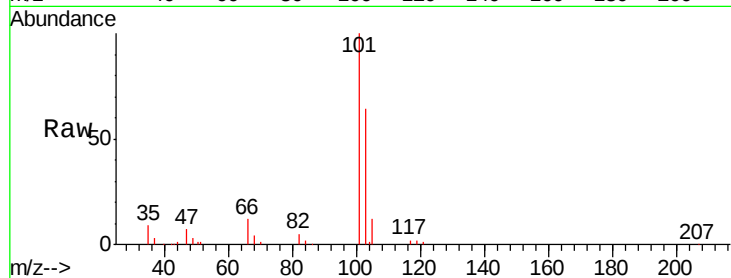


#7

Trichlorofluoromethane
 Concen: 22.88 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

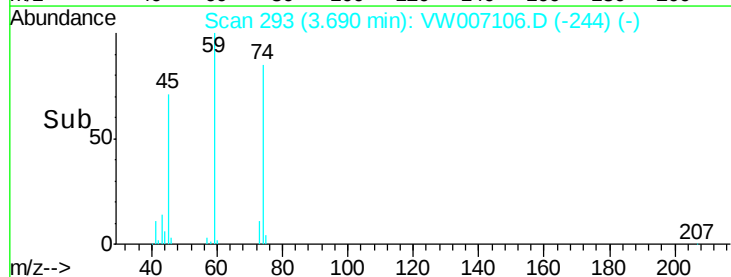
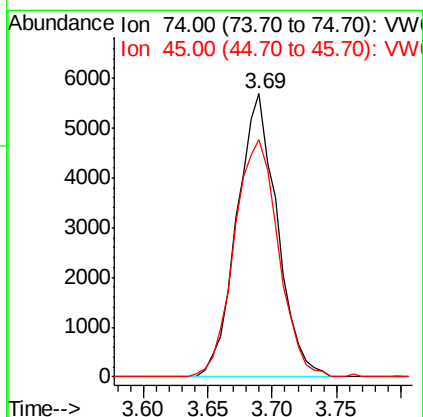
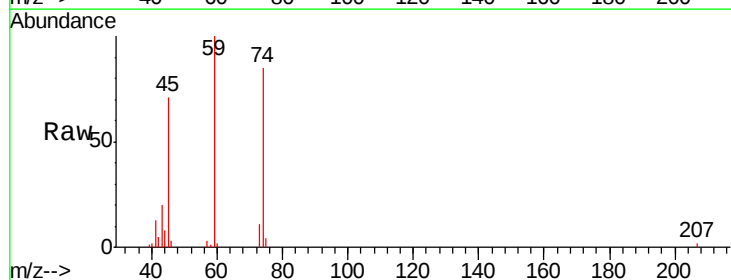
Tgt Ion:101 Resp: 39819
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.4 80.2



#8

Diethyl Ether
 Concen: 21.94 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 74 Resp: 12303
 Ion Ratio Lower Upper
 74 100
 45 91.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.49 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

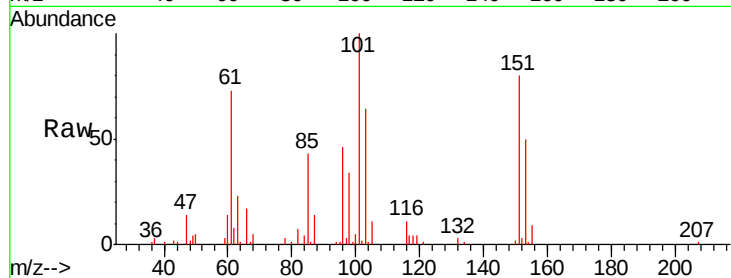
Tgt Ion:101 Resp: 26502

Ion Ratio Lower Upper

101 100

85 42.4 34.3 51.5

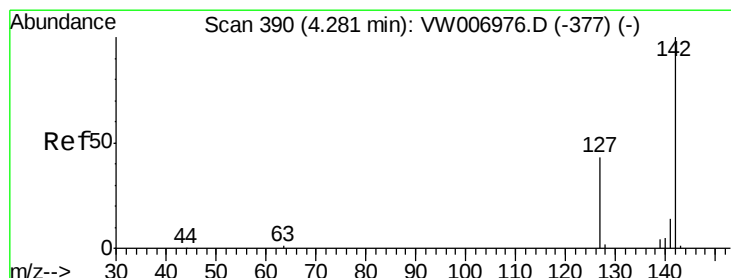
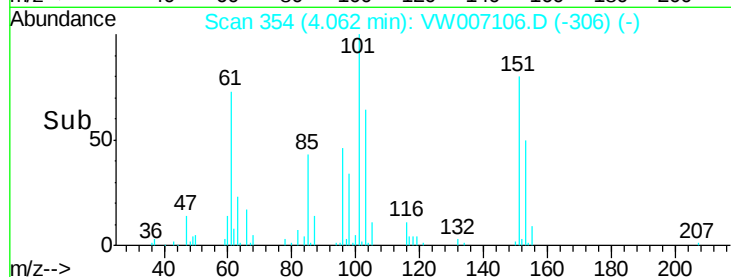
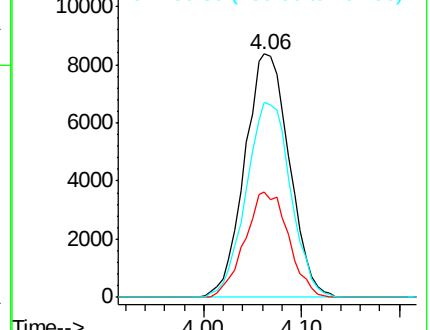
151 79.9 63.4 95.2



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: 18.65 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

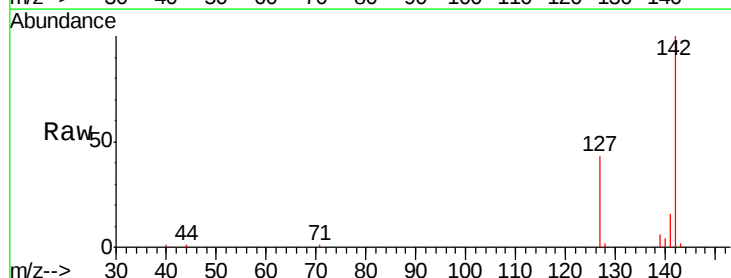
Tgt Ion:142 Resp: 24094

Ion Ratio Lower Upper

142 100

127 42.4 35.3 52.9

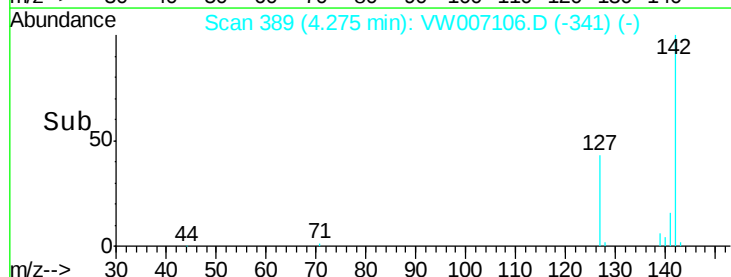
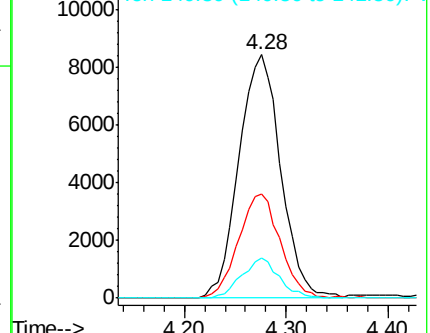
141 14.7 11.7 17.5

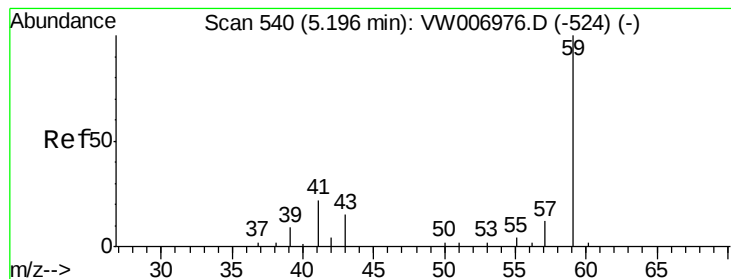


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 109.01 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

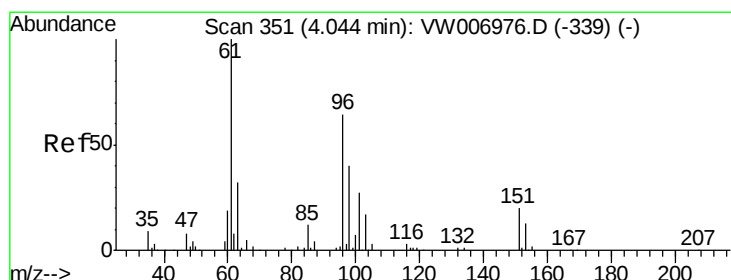
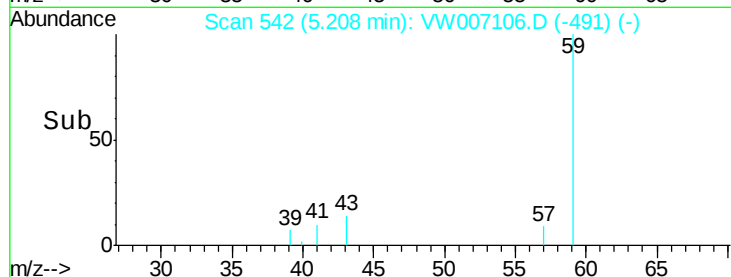
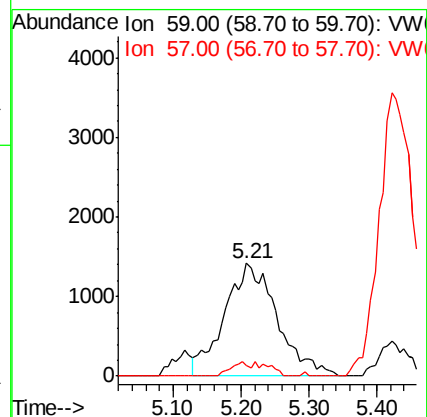
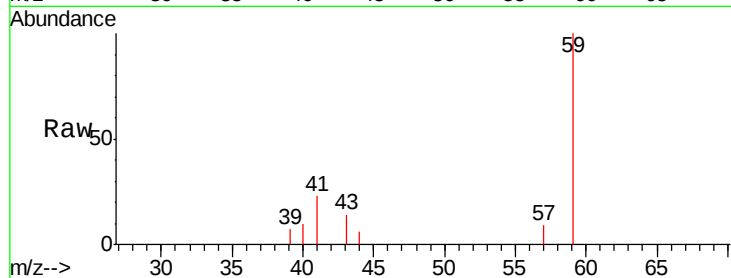
VW1128SBS01

Tgt Ion: 59 Resp: 7596

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 22.31 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

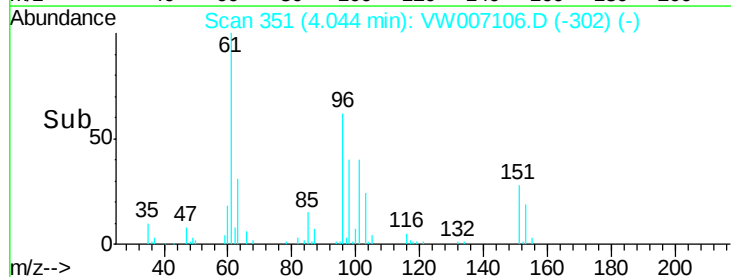
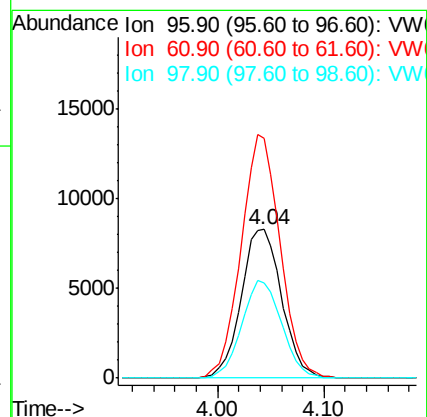
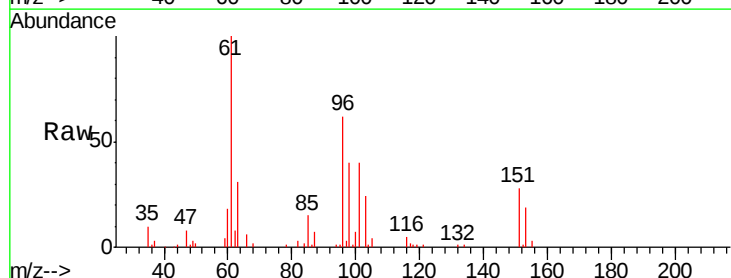
Tgt Ion: 96 Resp: 22079

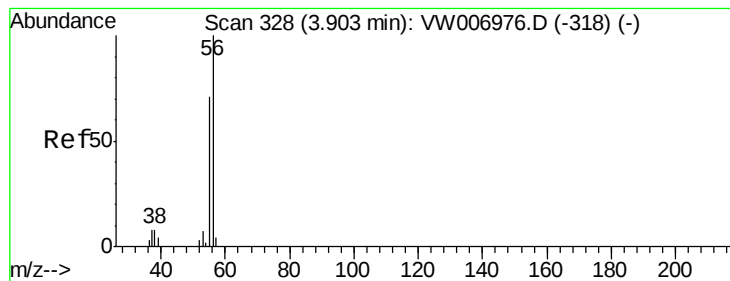
Ion Ratio Lower Upper

96 100

61 161.3 124.3 186.5

98 64.3 49.4 74.2





#13

Acrolein

Concen: 95.36 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

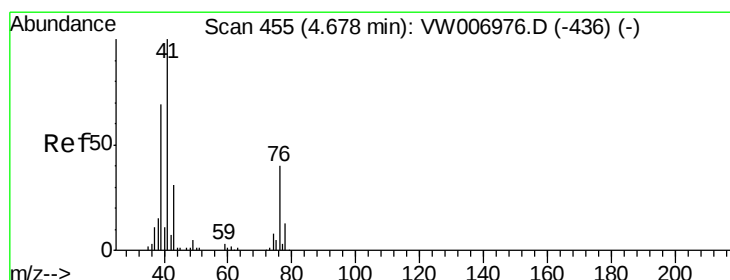
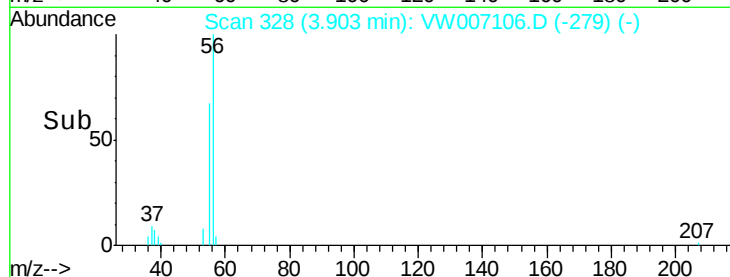
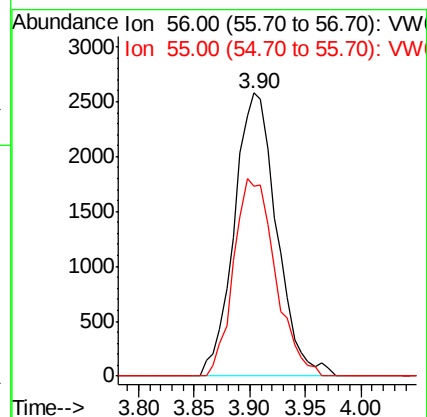
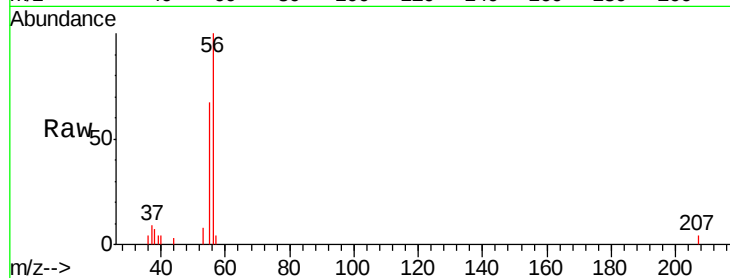
VW1128SBS01

Tgt Ion: 56 Resp: 6824

Ion Ratio Lower Upper

56 100

55 68.5 57.5 86.3



#14

Allyl chloride

Concen: 21.53 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

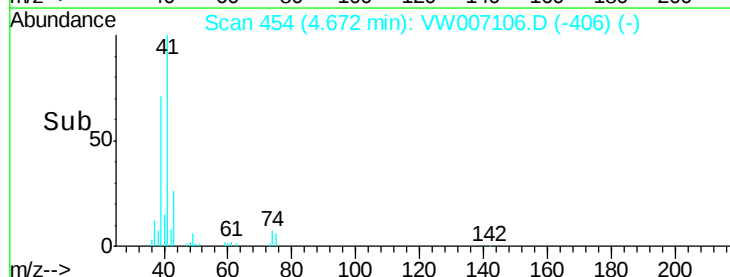
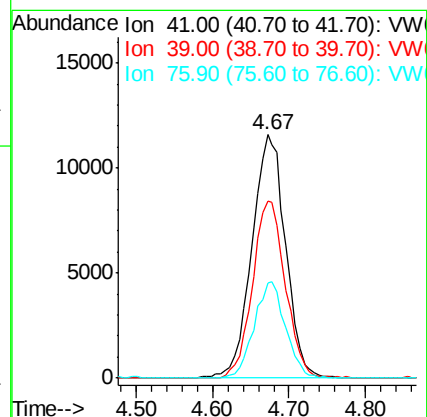
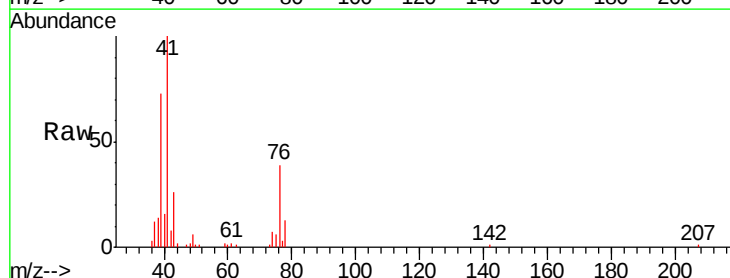
Tgt Ion: 41 Resp: 35340

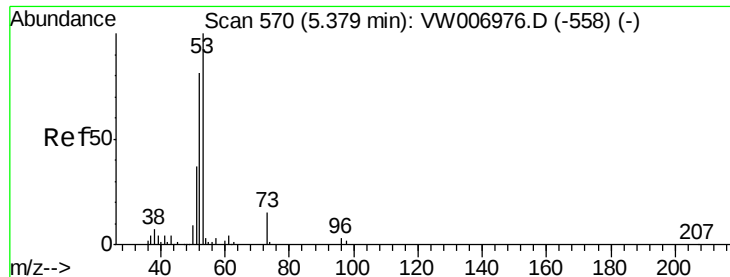
Ion Ratio Lower Upper

41 100

39 71.0 55.4 83.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 104.25 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

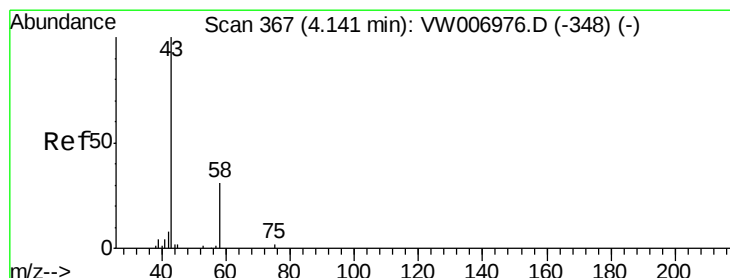
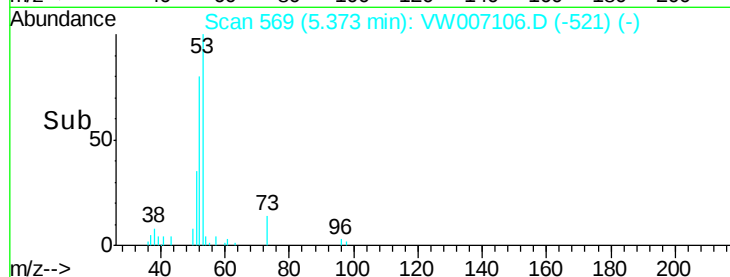
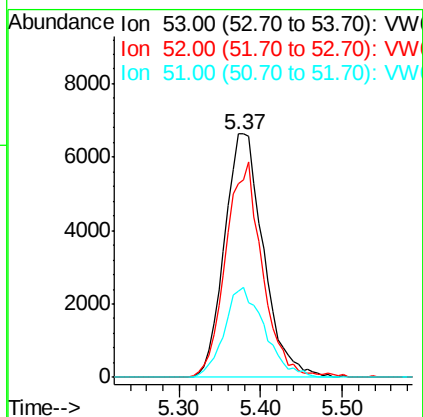
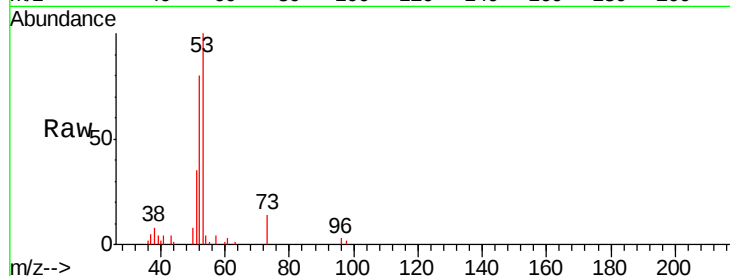
Tgt Ion: 53 Resp: 21974

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

51 37.9 29.9 44.9



#16

Acetone

Concen: 102.21 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW007106.D

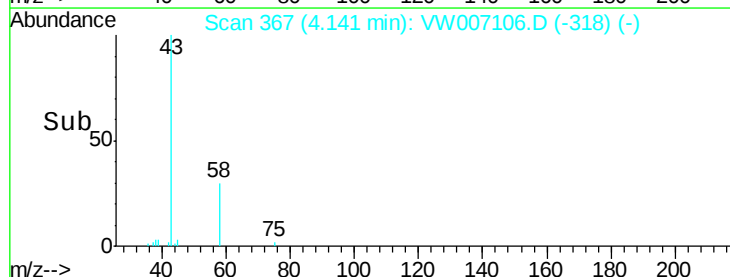
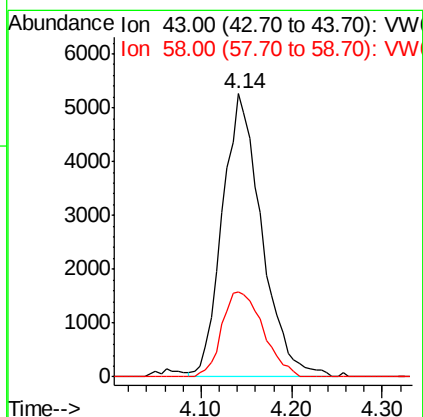
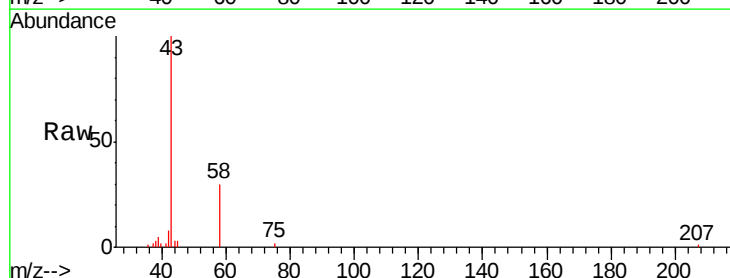
Acq: 28 Nov 2018 12:10

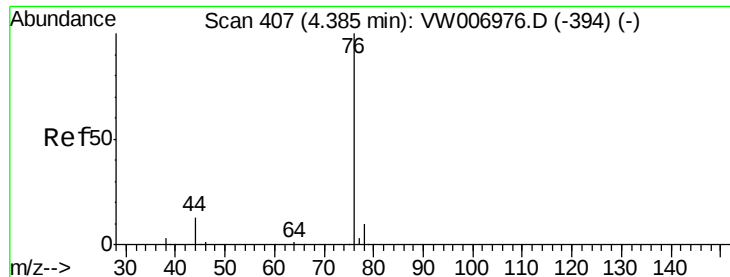
Tgt Ion: 43 Resp: 15884

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2

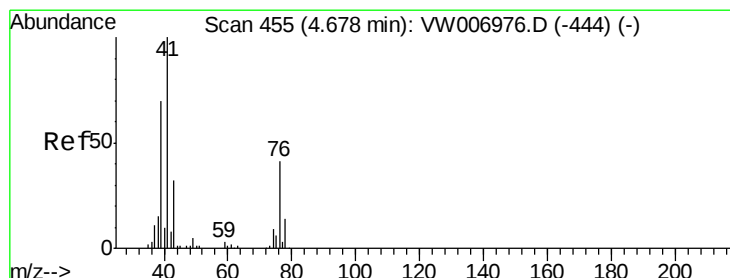
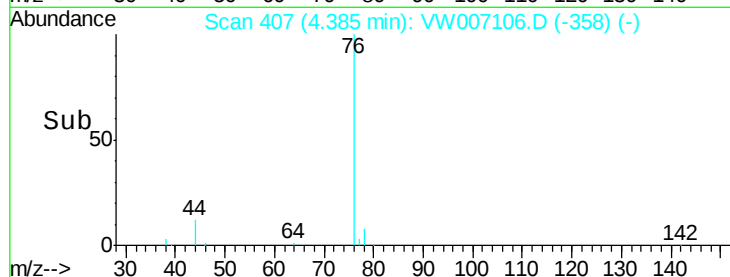
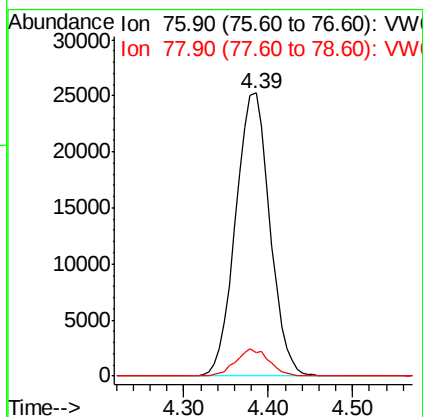
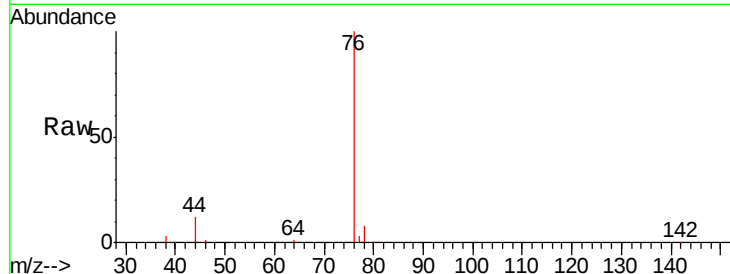




#17
Carbon Disulfide
Concen: 21.68 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

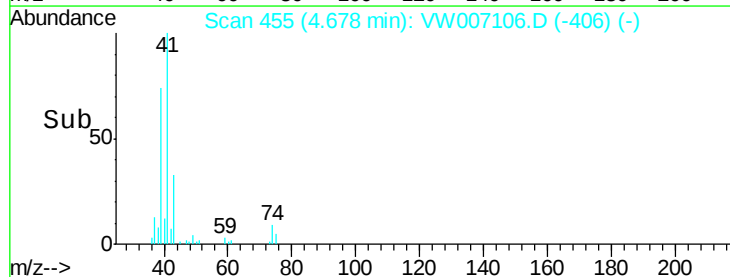
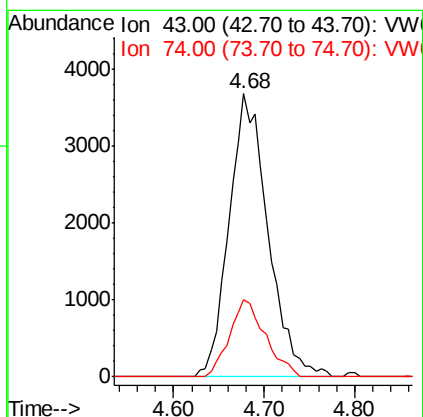
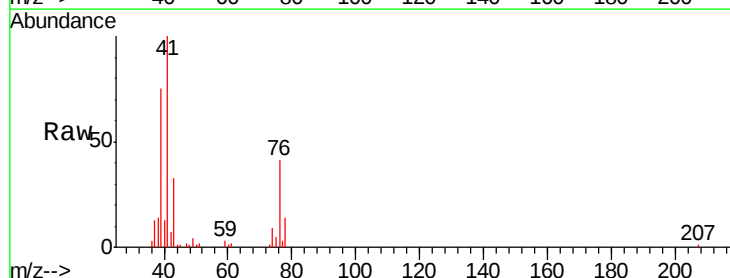
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

Tgt Ion: 76 Resp: 69355
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6



#18
Methyl Acetate
Concen: 19.79 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 43 Resp: 10955
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 22.06 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampled :

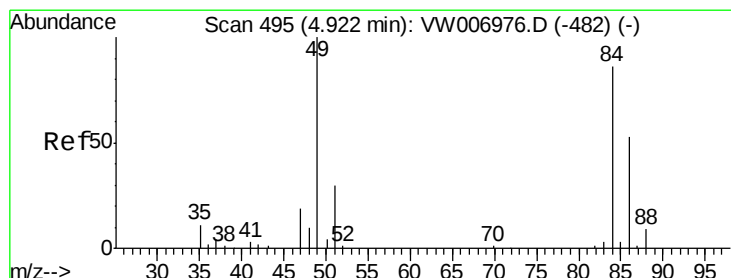
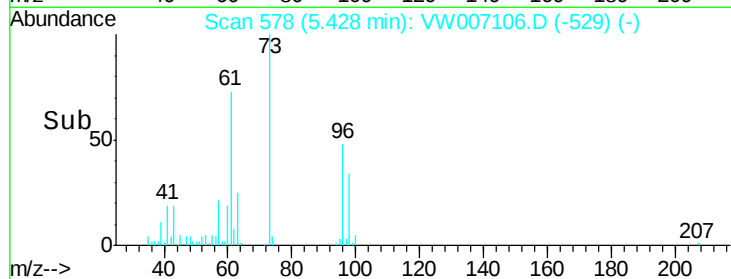
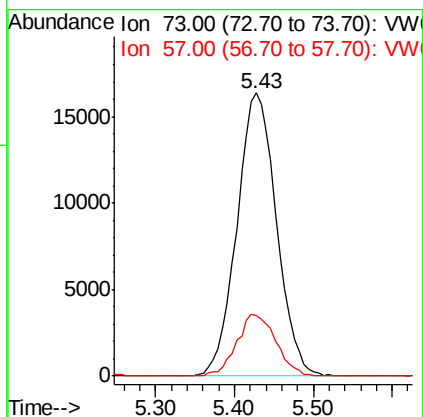
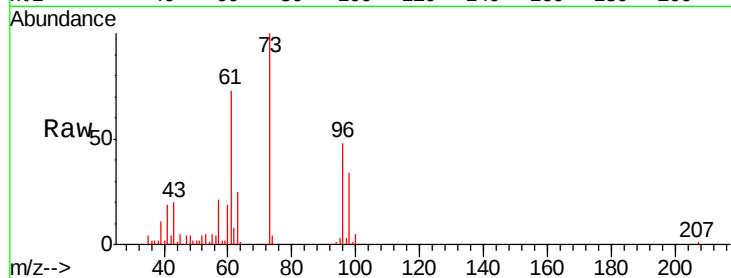
VW1128SBS01

Tgt Ion: 73 Resp: 56991

Ion Ratio Lower Upper

73 100

57 21.3 16.7 25.1



#20

Methylene Chloride

Concen: 18.67 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Tgt Ion: 84 Resp: 27317

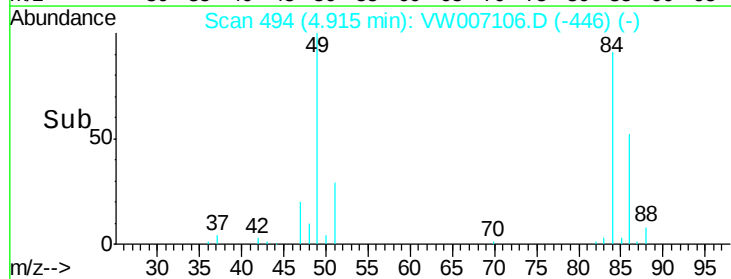
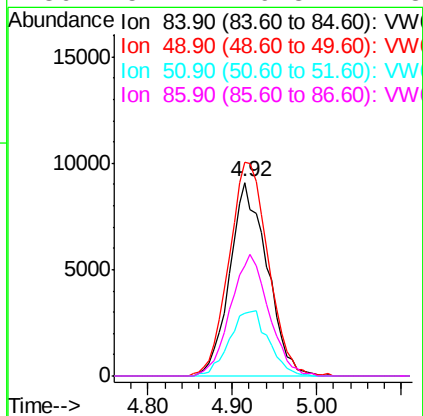
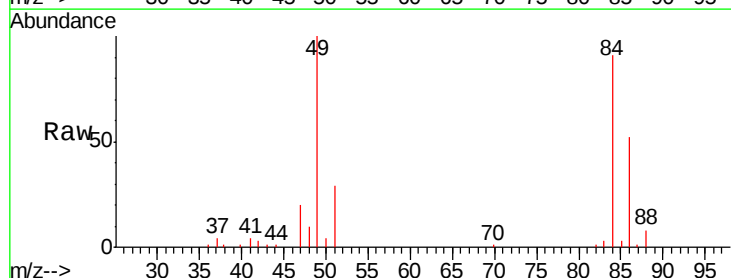
Ion Ratio Lower Upper

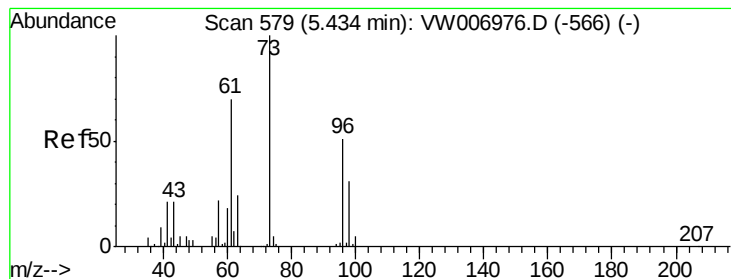
84 100

49 110.2 93.4 140.0

51 32.2 28.4 42.6

86 57.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.86 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

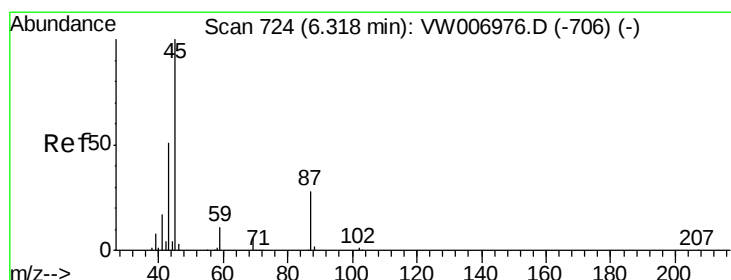
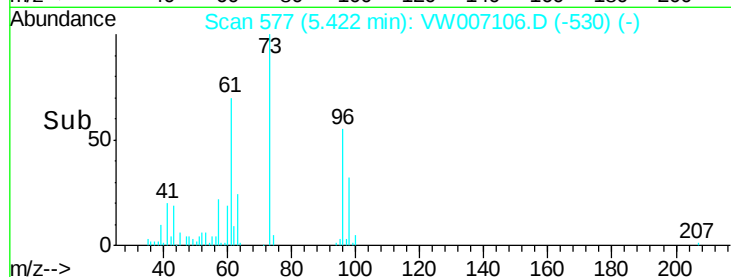
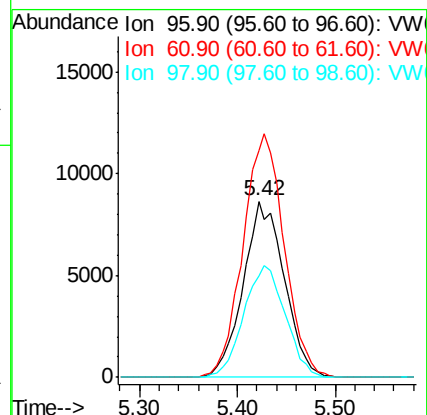
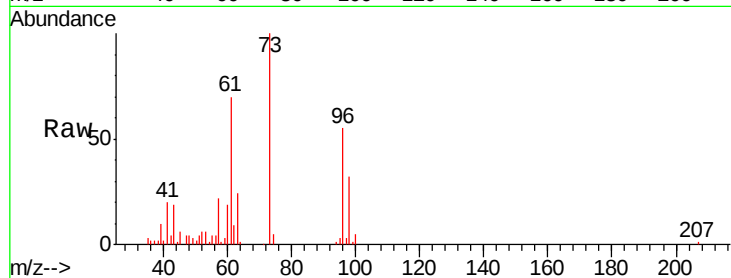
Tgt Ion: 96 Resp: 25199

Ion Ratio Lower Upper

96 100

61 128.5 109.4 164.0

98 57.8 48.3 72.5



#22

Diisopropyl ether

Concen: 21.20 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Tgt Ion: 45 Resp: 67725

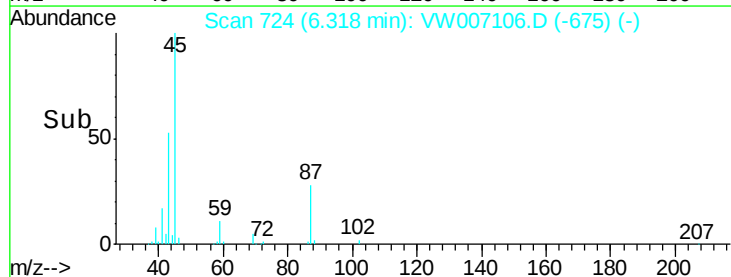
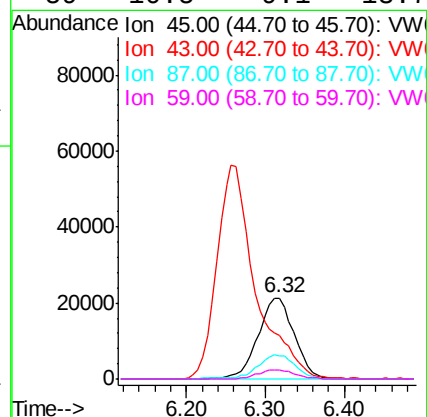
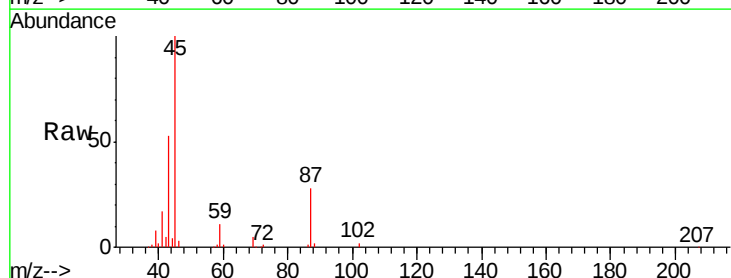
Ion Ratio Lower Upper

45 100

43 52.3 42.5 63.7

87 28.0 22.8 34.2

59 10.5 9.1 13.7





#23

Vinyl Acetate

Concen: 112.69 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

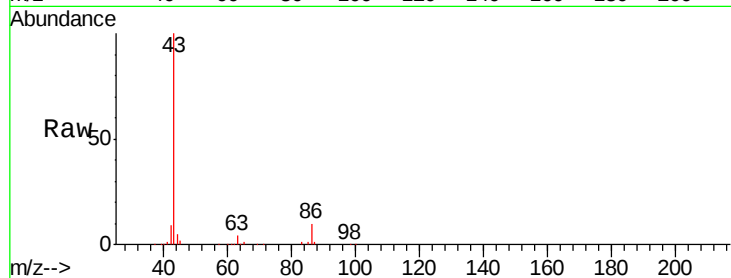
VW1128SBS01

Tgt Ion: 43 Resp: 191180

Ion Ratio Lower Upper

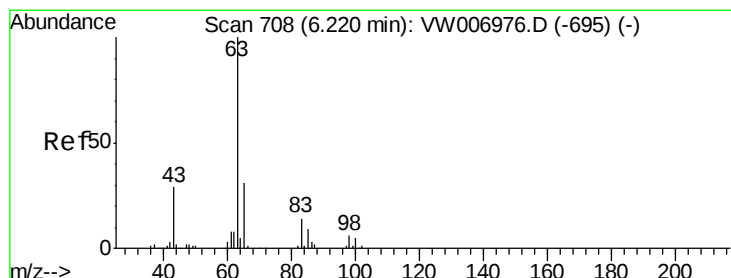
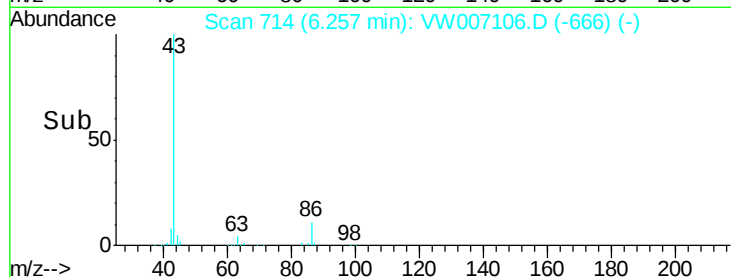
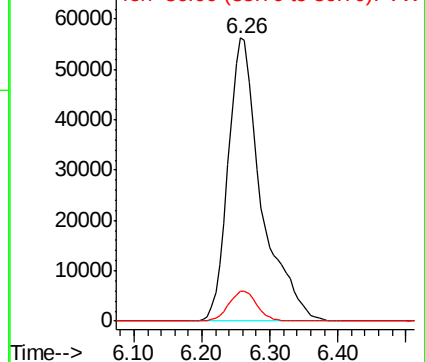
43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.34 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

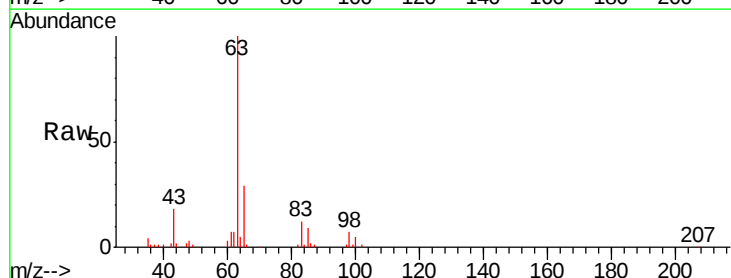
Tgt Ion: 63 Resp: 41469

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

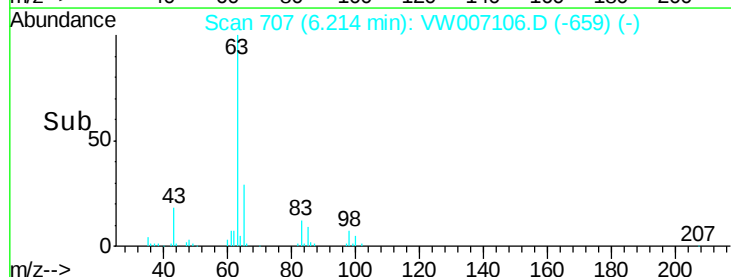
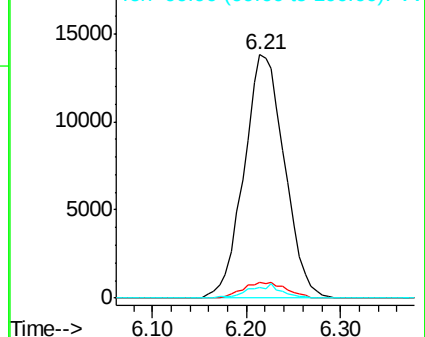
100 4.6 2.3 6.9

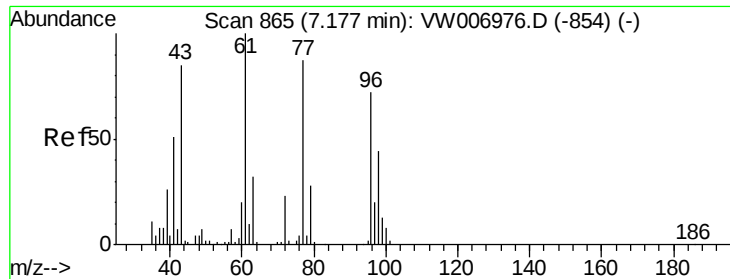


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 104.38 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

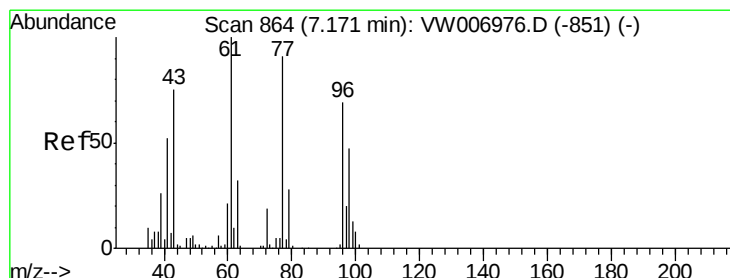
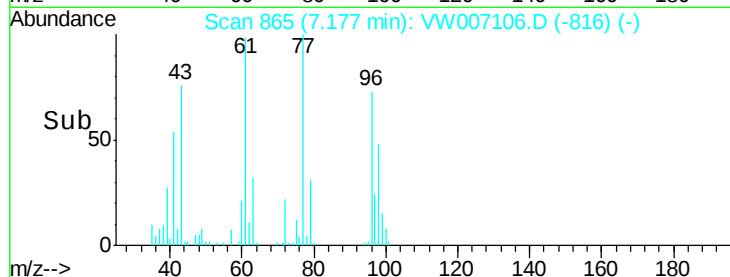
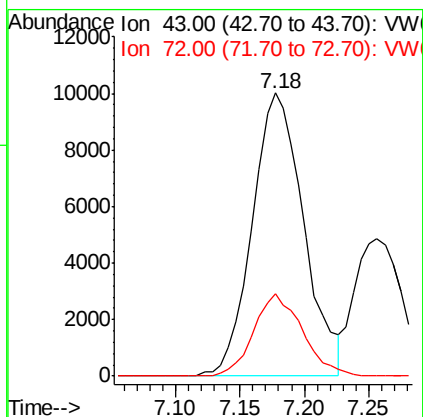
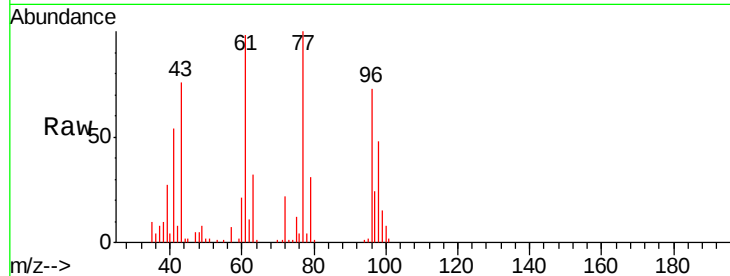
VW1128SBS01

Tgt Ion: 43 Resp: 27782

Ion Ratio Lower Upper

43 100

72 28.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 24.24 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007106.D

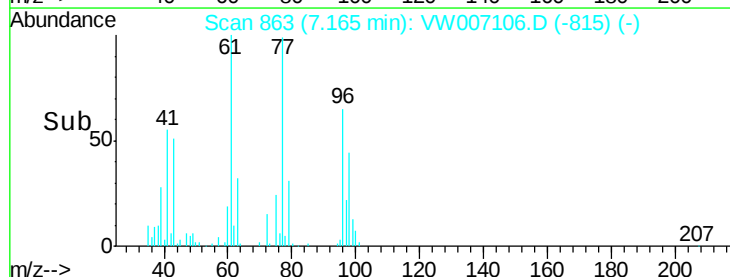
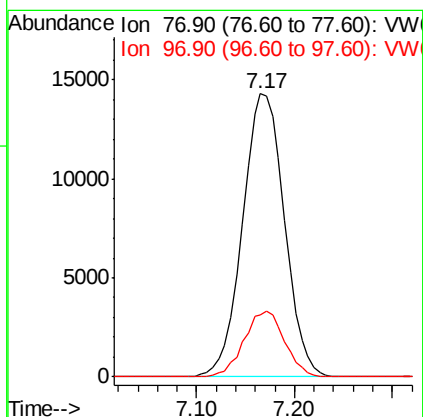
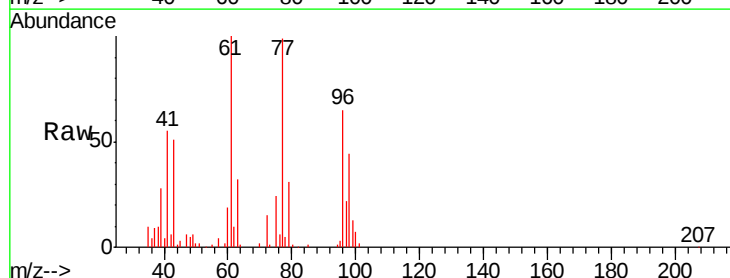
Acq: 28 Nov 2018 12:10

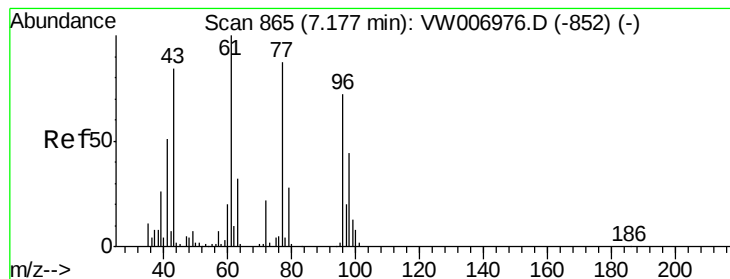
Tgt Ion: 77 Resp: 42365

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.91 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

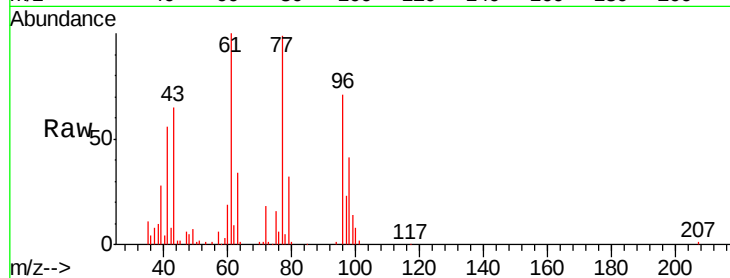
Tgt Ion: 96 Resp: 26899

Ion Ratio Lower Upper

96 100

61 147.8 0.0 292.6

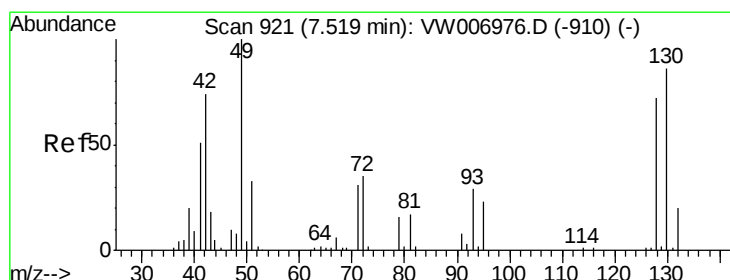
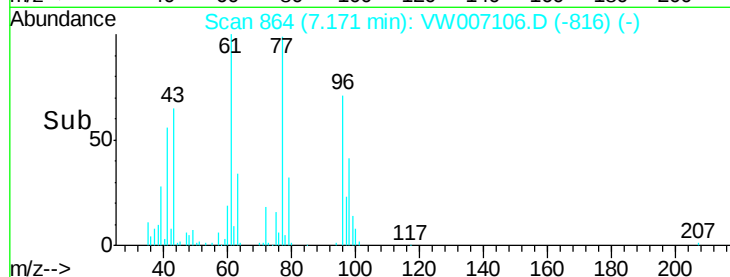
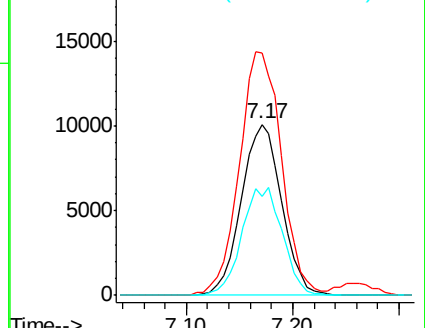
98 63.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 17.74 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

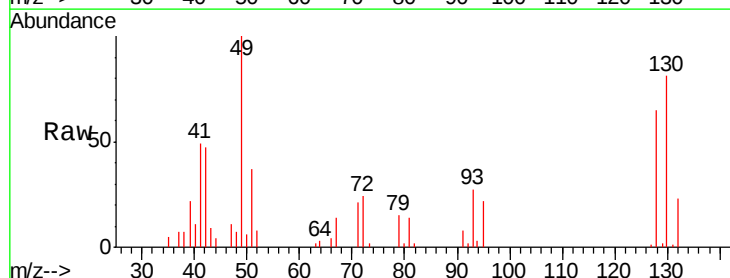
Tgt Ion: 49 Resp: 12883

Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.0#

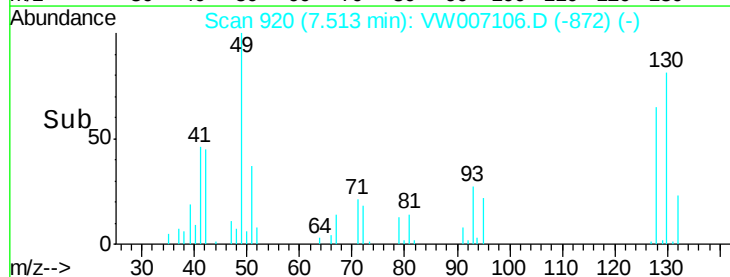
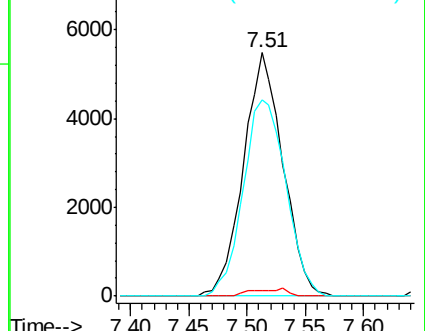
130 87.5 69.0 103.4

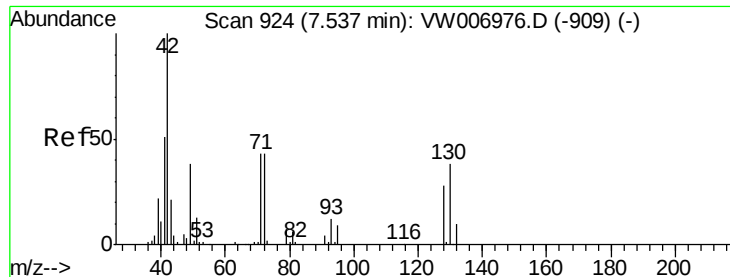


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

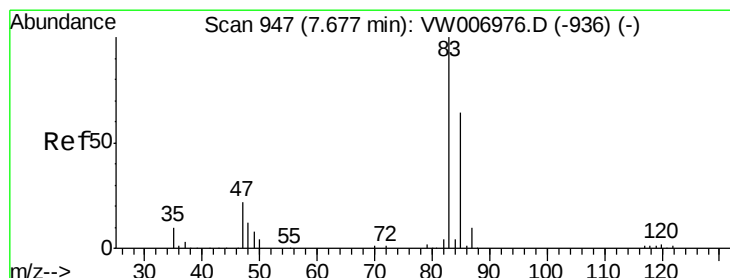
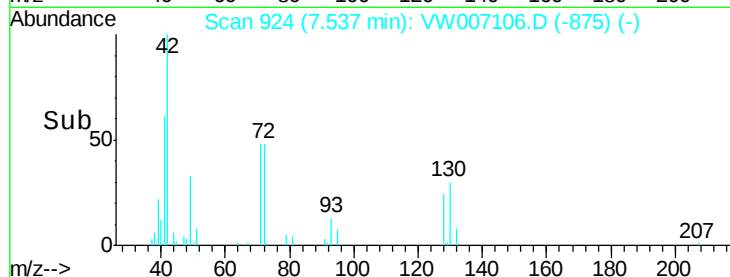
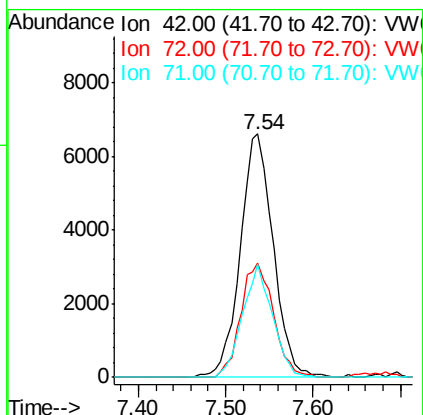
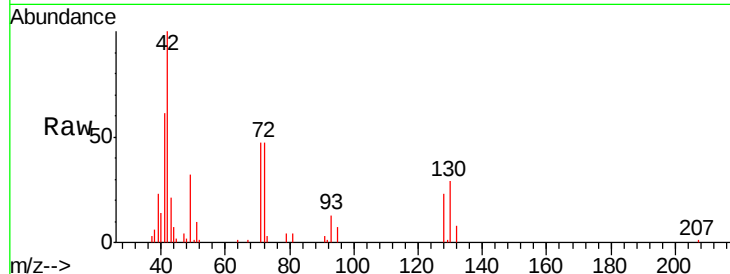




#29
Tetrahydrofuran
Concen: 100.57 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

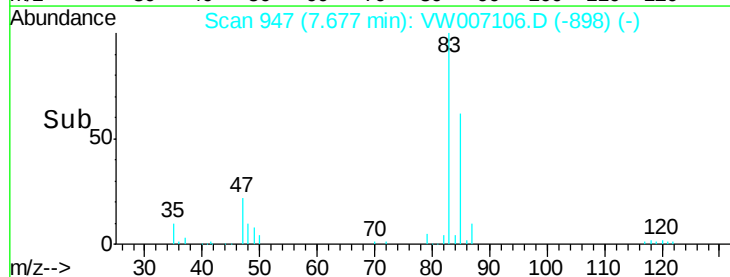
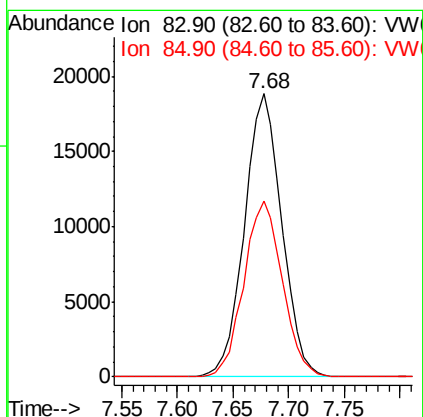
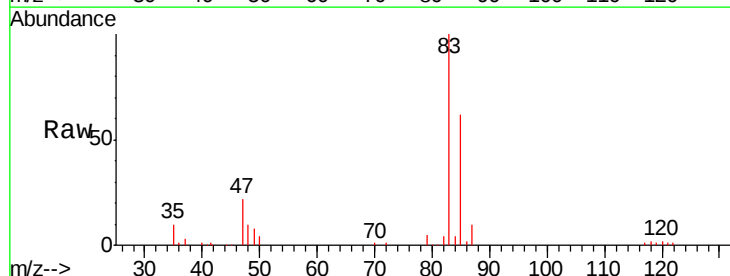
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

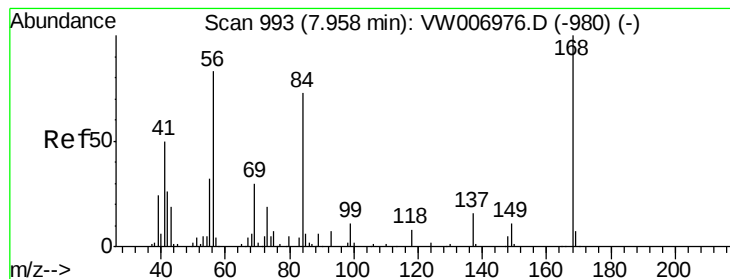
Tgt Ion: 42 Resp: 17337
Ion Ratio Lower Upper
42 100
72 46.5 36.2 54.4
71 42.2 33.8 50.8



#30
Chloroform
Concen: 21.25 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 83 Resp: 43877
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3





#31

Cyclohexane

Concen: 22.75 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

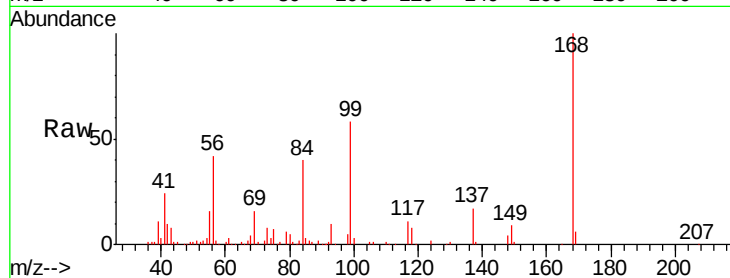
Tgt Ion: 56 Resp: 46895

Ion Ratio Lower Upper

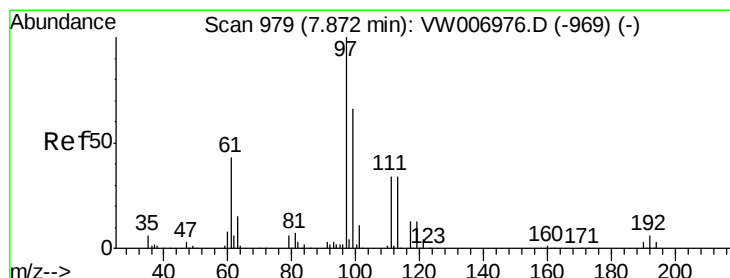
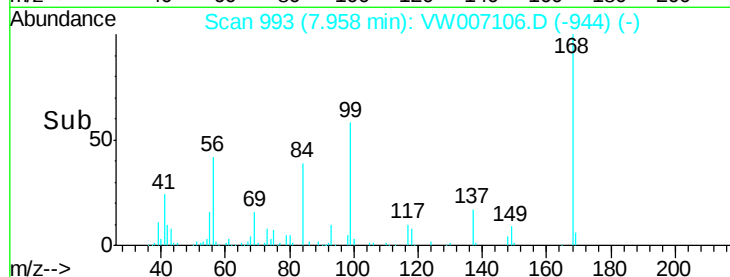
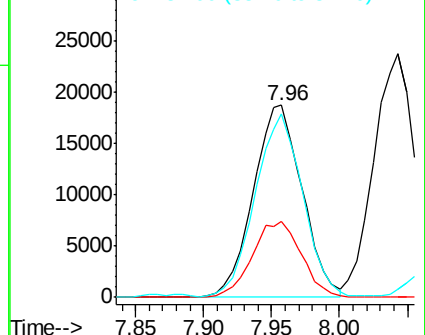
56 100

69 39.5 29.1 43.7

84 94.9 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 23.72 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

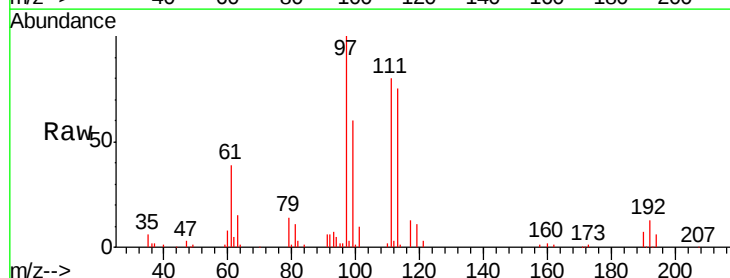
Tgt Ion: 97 Resp: 44110

Ion Ratio Lower Upper

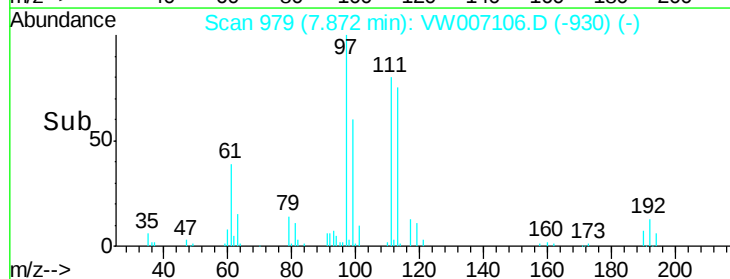
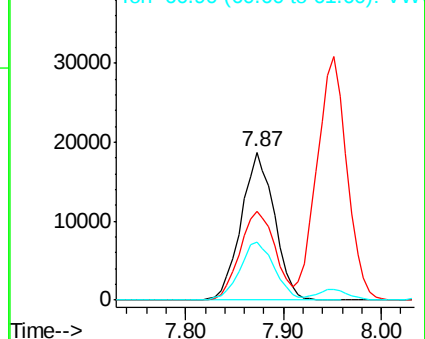
97 100

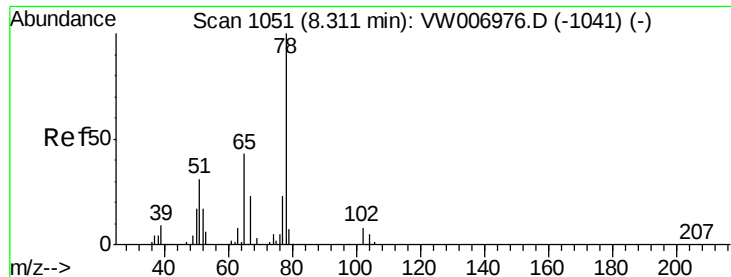
99 63.9 51.9 77.9

61 41.0 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

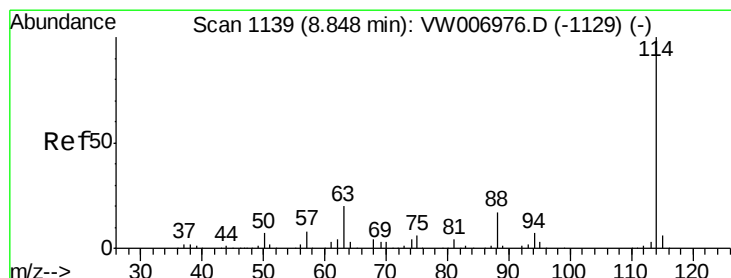
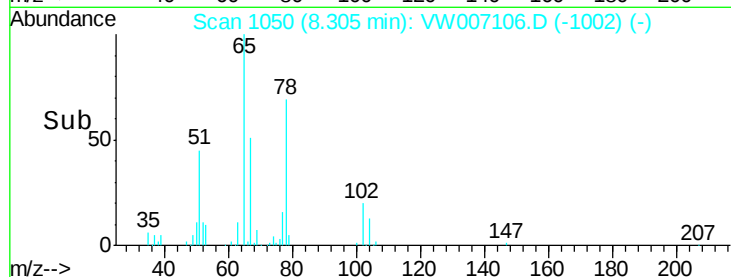
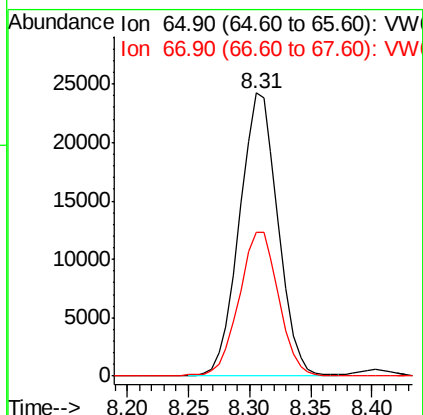
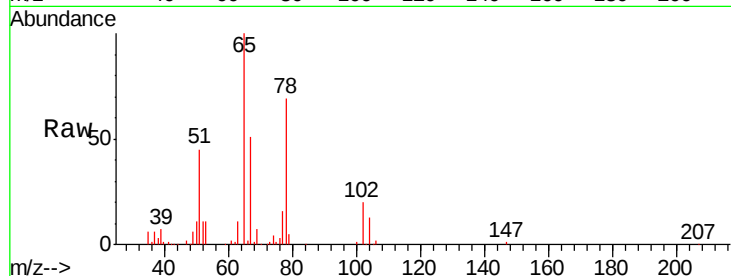




#33
 1,2-Dichloroethane-d4
 Concen: 49.49 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

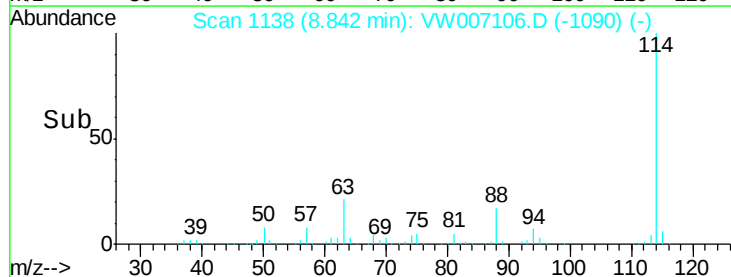
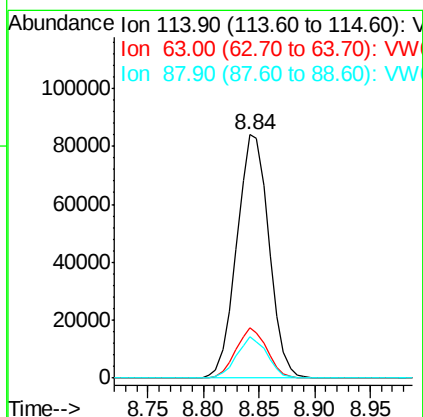
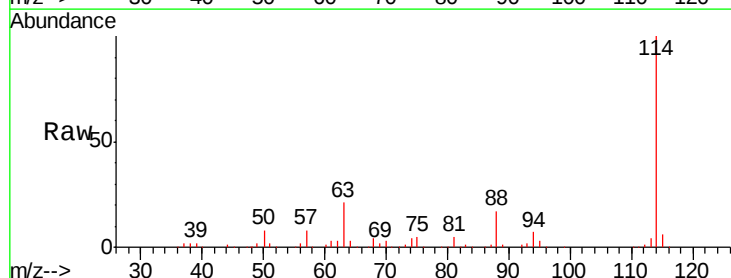
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

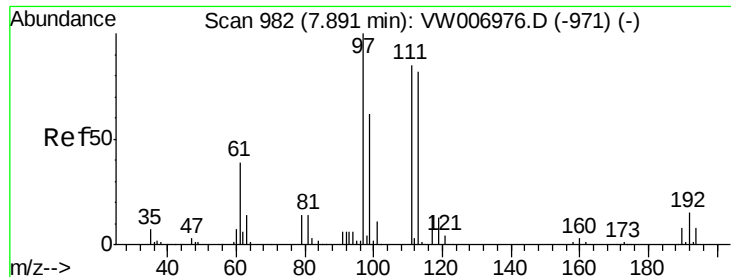
Tgt Ion: 65 Resp: 52978
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 114 Resp: 168235
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.4
 88 16.9 0.0 34.2

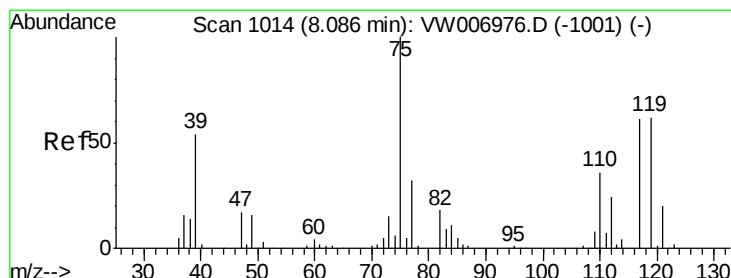
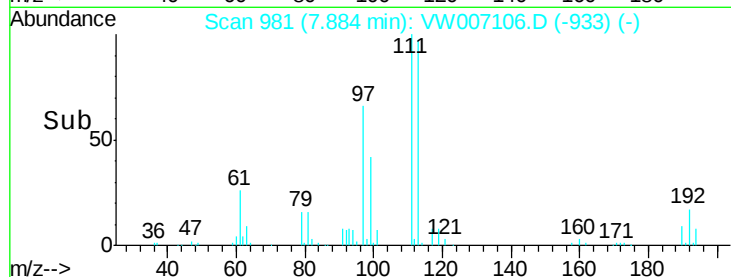
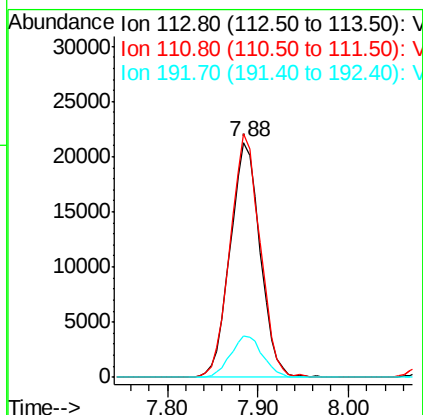
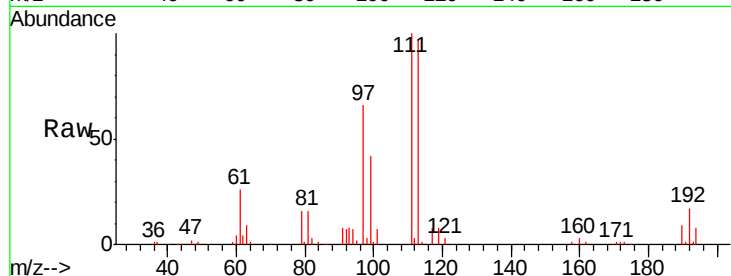




#35
 Dibromofluoromethane
 Concen: 51.49 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

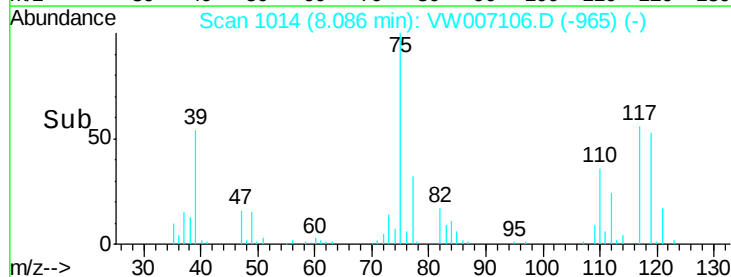
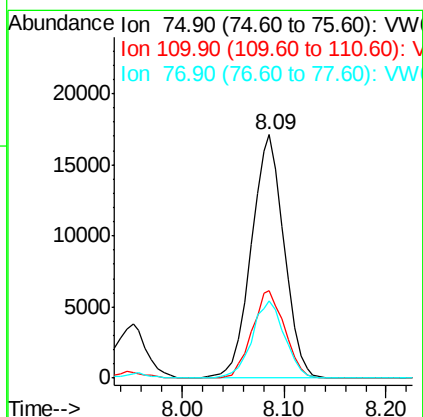
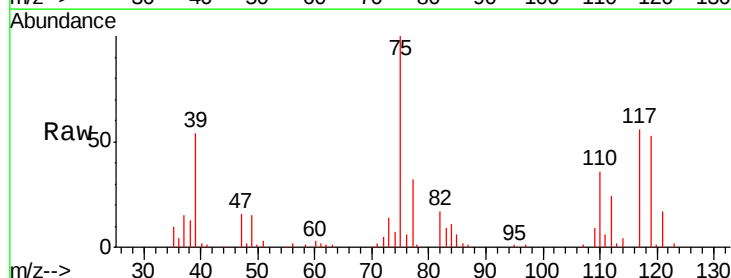
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

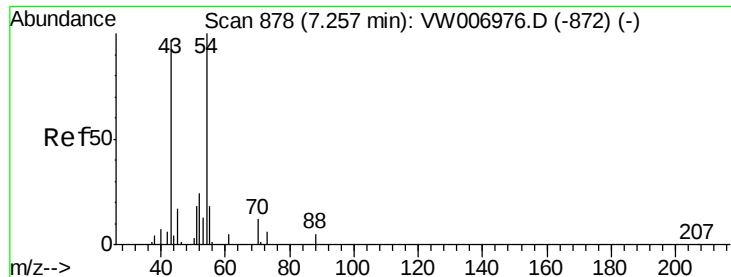
Tgt Ion: 113 Resp: 48921
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 18.5 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 23.22 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 75 Resp: 38166
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.0 54.0
 77 31.7 24.9 37.3

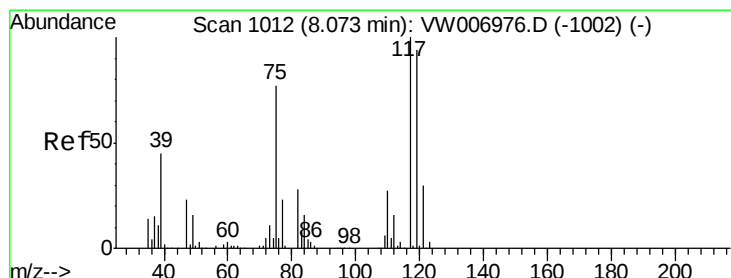
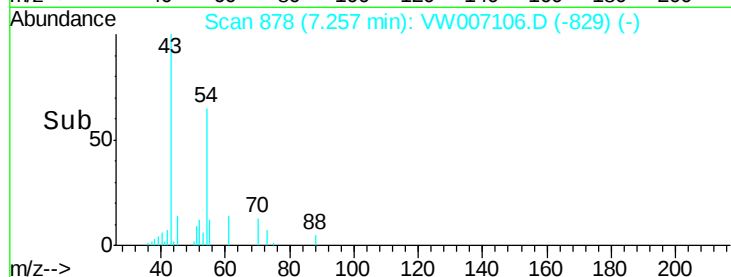
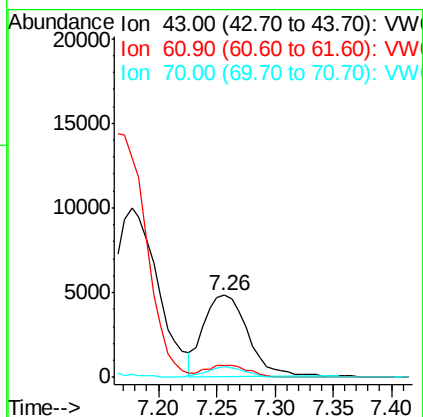
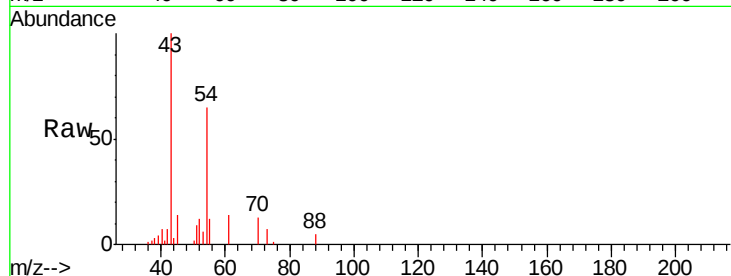




#37
Ethyl Acetate
Concen: 21.19 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

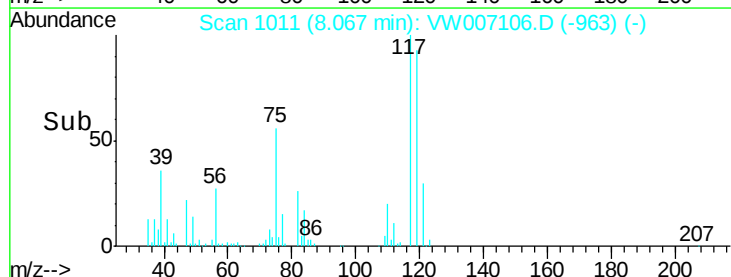
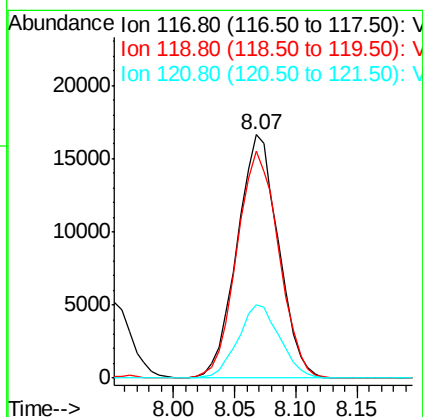
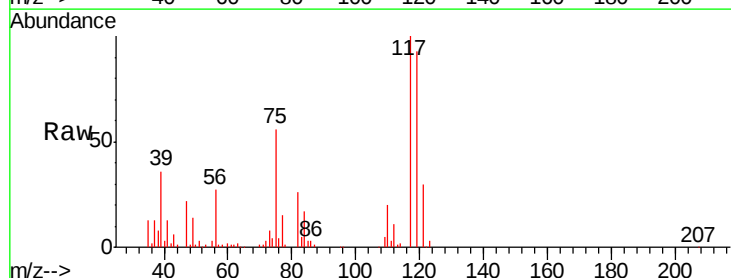
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

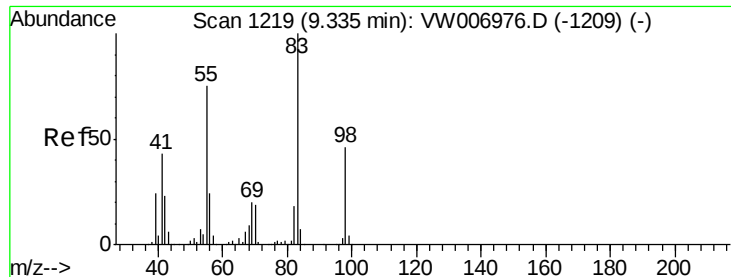
Tgt Ion: 43 Resp: 12625
Ion Ratio Lower Upper
43 100
61 14.7 10.4 15.6
70 11.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 24.83 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 117 Resp: 39090
Ion Ratio Lower Upper
117 100
119 93.3 74.9 112.3
121 30.1 23.6 35.4

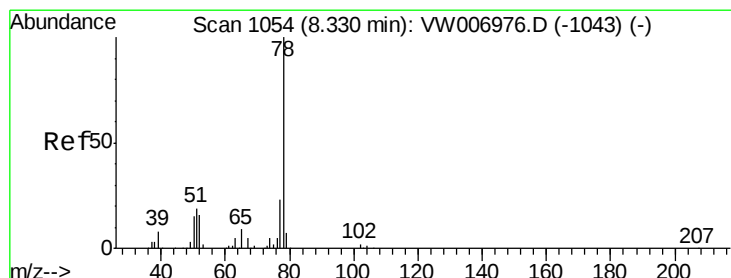
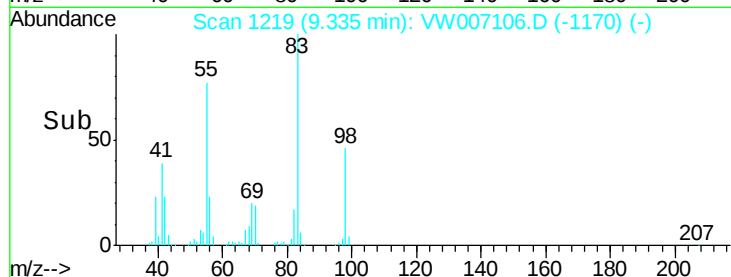
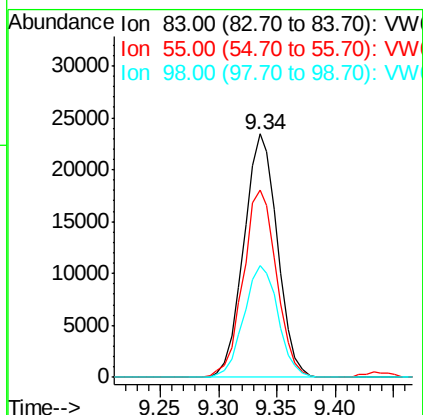
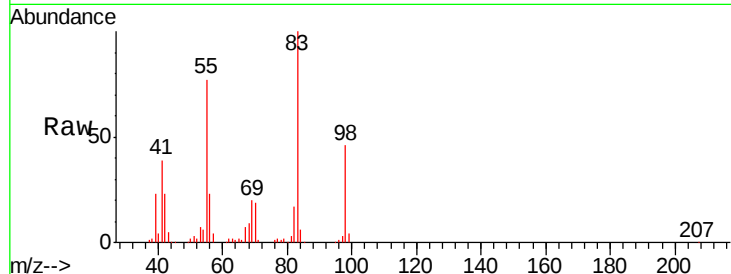




#39
Methylcyclohexane
Concen: 22.87 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

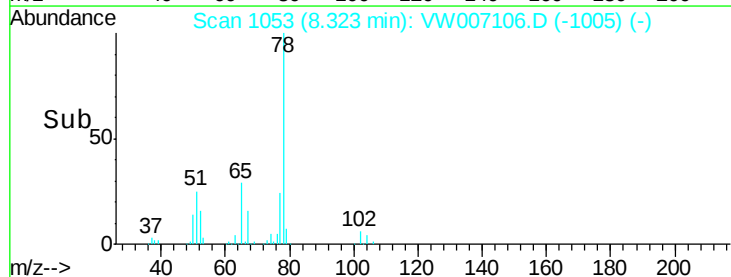
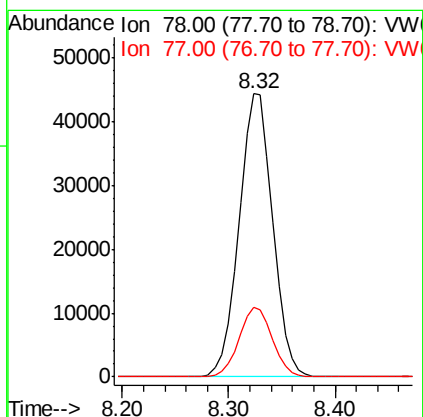
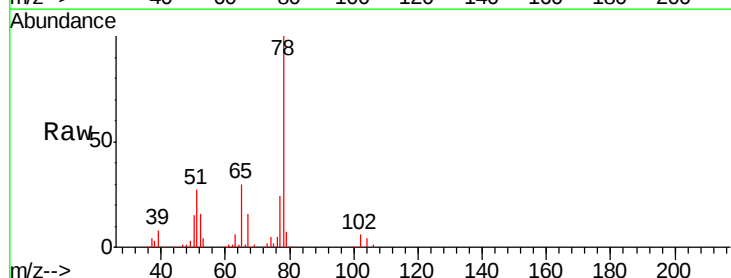
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

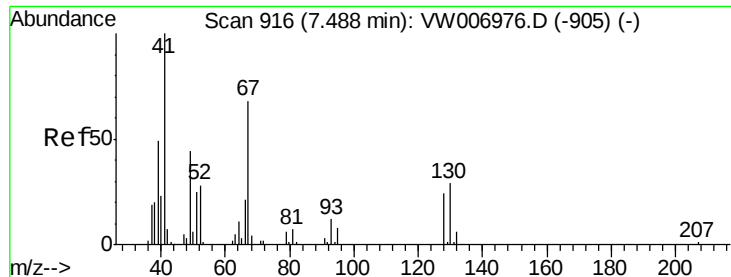
Tgt Ion: 83 Resp: 47059
Ion Ratio Lower Upper
83 100
55 77.1 59.6 89.4
98 45.7 37.1 55.7



#40
Benzene
Concen: 22.16 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 78 Resp: 98333
Ion Ratio Lower Upper
78 100
77 24.5 18.6 28.0

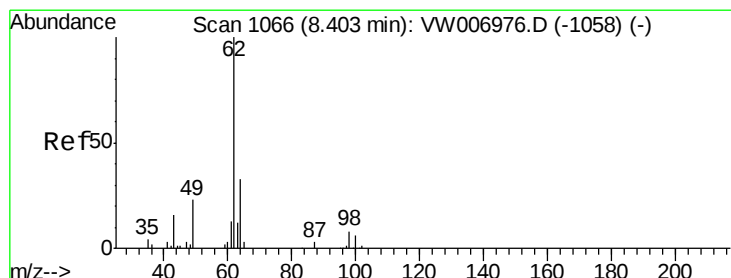
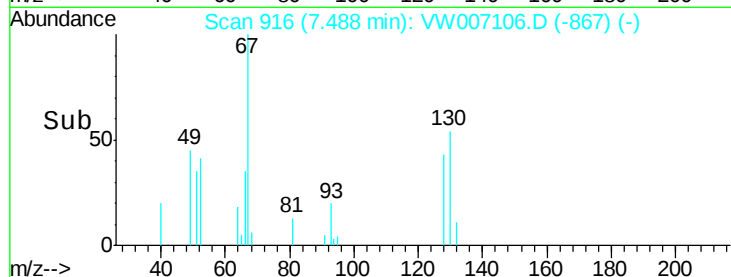
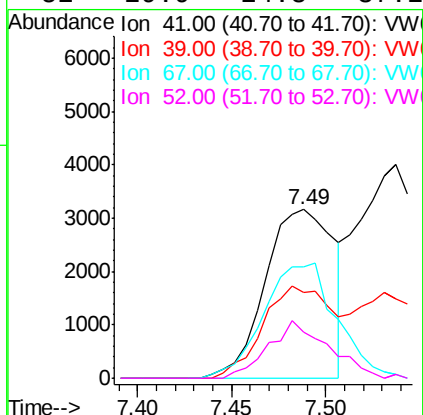
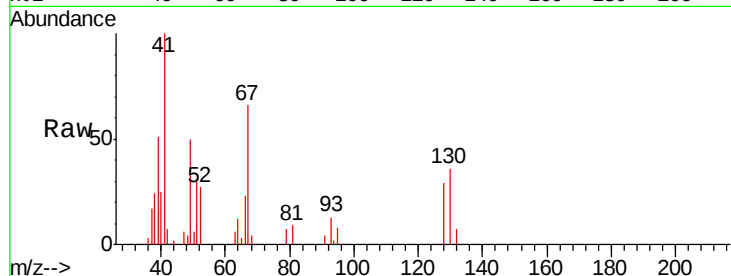




#41
Methacrylonitrile
Concen: 21.68 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

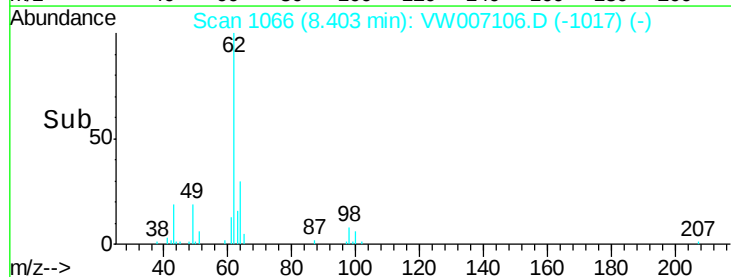
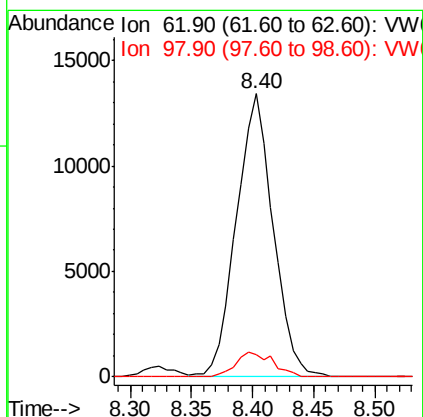
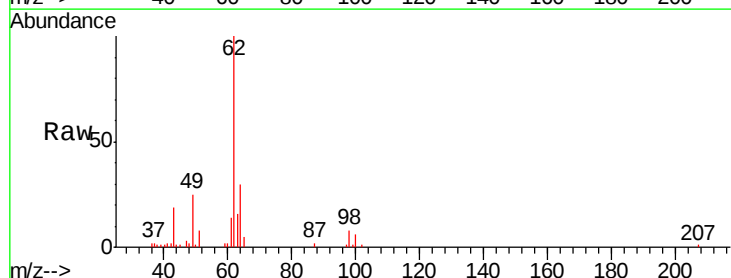
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

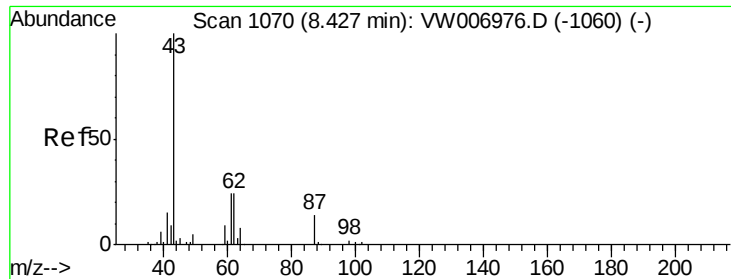
Tgt Ion:	41	Resp:	8022
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.6	73.0
67	71.8	59.8	89.8
52	29.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.67 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:	62	Resp:	27917
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.65 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

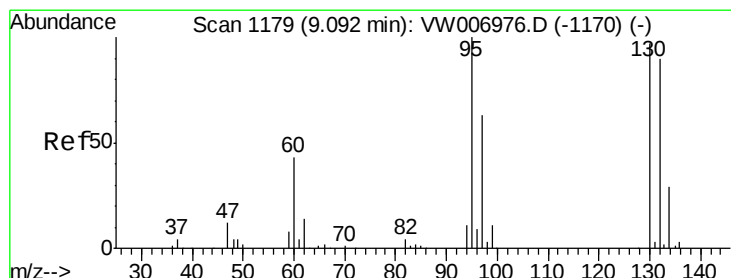
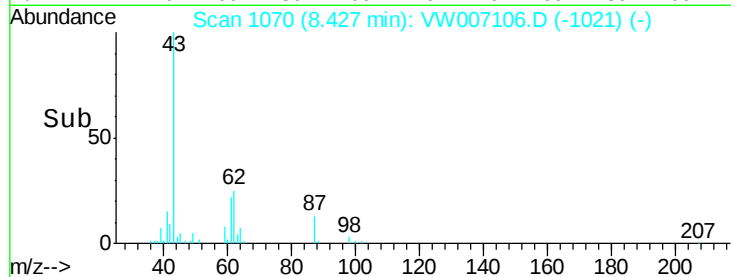
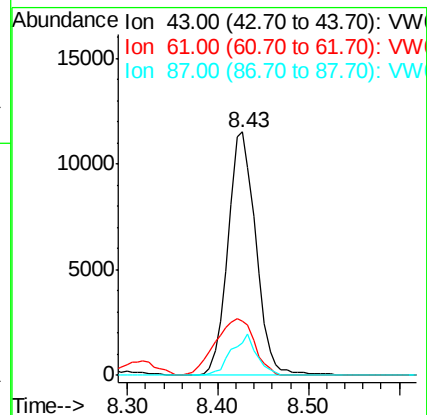
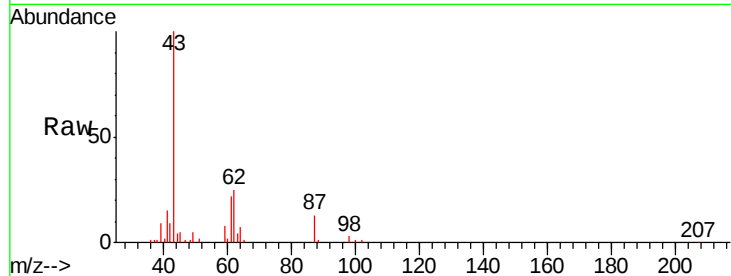
Tgt Ion: 43 Resp: 24574

Ion Ratio Lower Upper

43 100

61 32.7 26.1 39.1

87 15.0 11.2 16.8



#44

Trichloroethene

Concen: 23.41 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007106.D

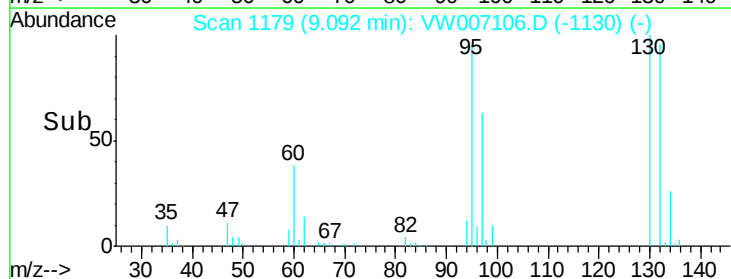
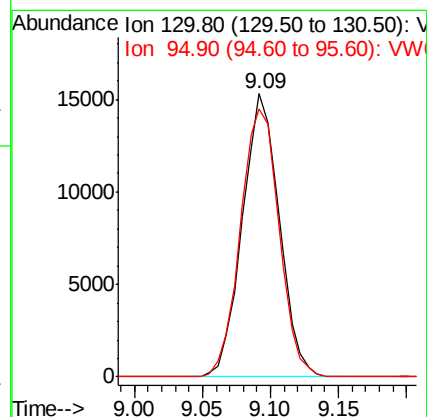
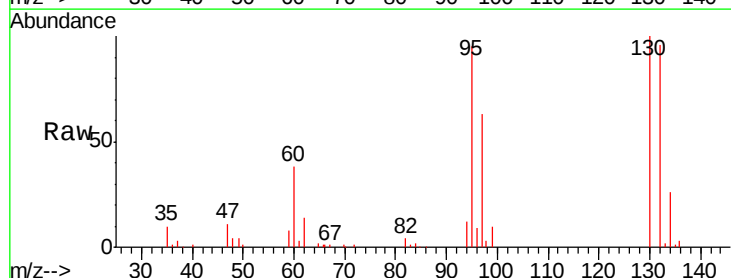
Acq: 28 Nov 2018 12:10

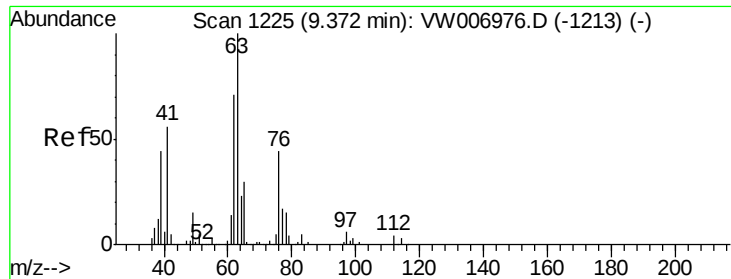
Tgt Ion: 130 Resp: 29119

Ion Ratio Lower Upper

130 100

95 94.7 0.0 206.4

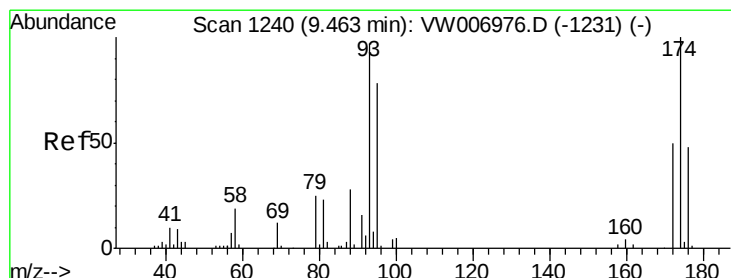
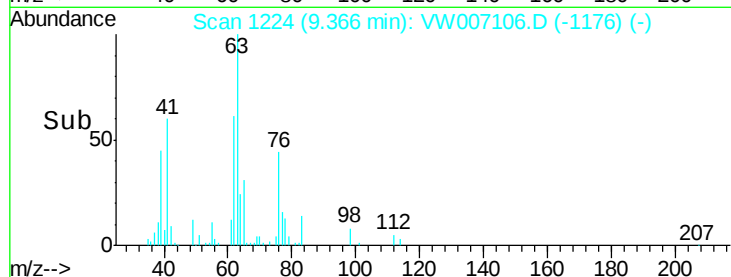
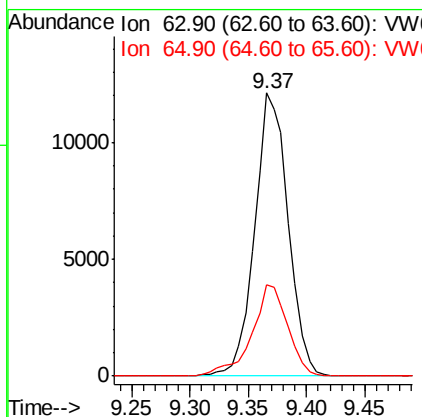
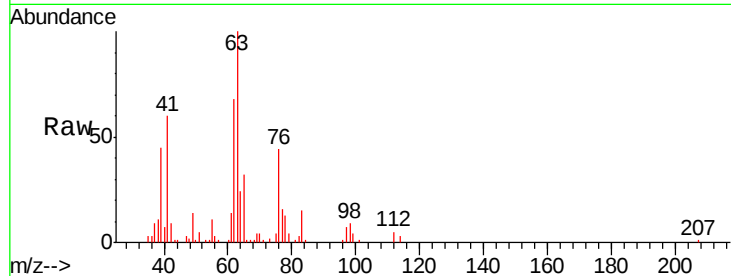




#45
 1,2-Dichloropropane
 Concen: 22.14 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

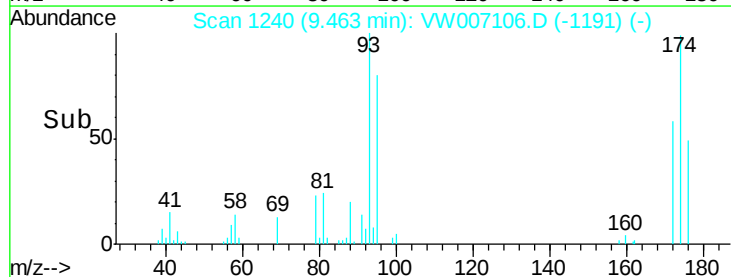
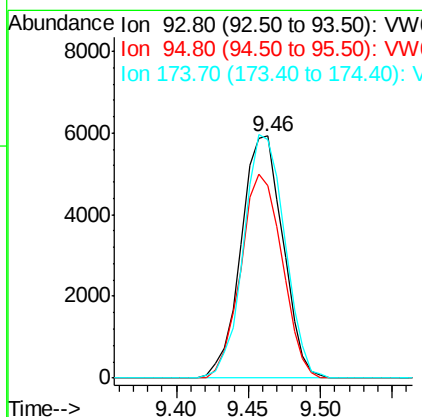
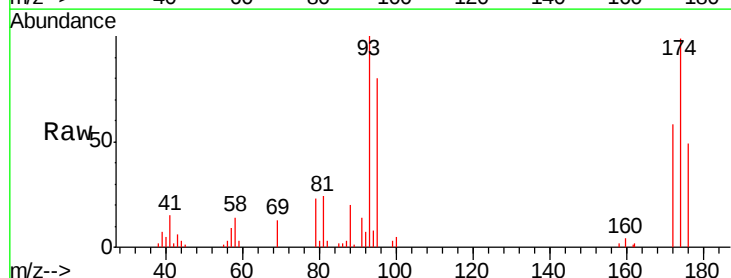
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

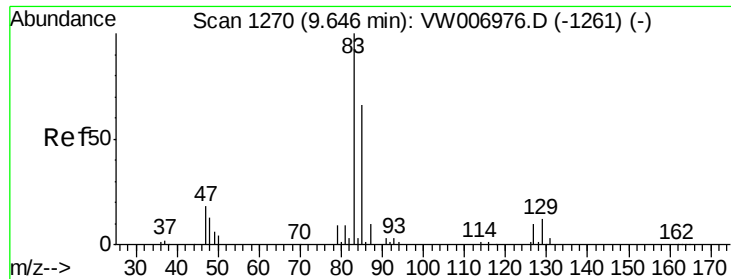
Tgt Ion: 63 Resp: 24224
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.4 36.6



#46
 Dibromomethane
 Concen: 21.75 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 93 Resp: 11917
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.1 99.1
 174 98.9 79.7 119.5





#47

Bromodichloromethane

Concen: 22.76 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

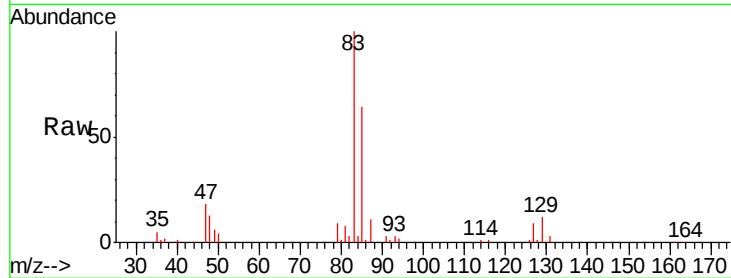
Tgt Ion: 83 Resp: 32851

Ion Ratio Lower Upper

83 100

85 63.8 52.9 79.3

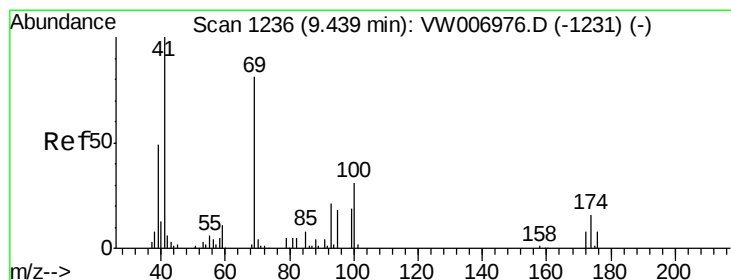
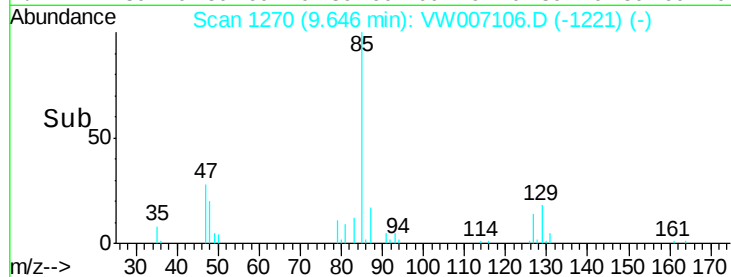
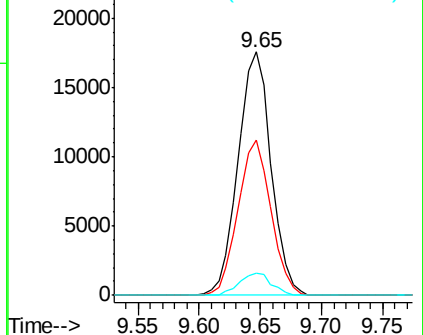
127 8.9 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.65 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

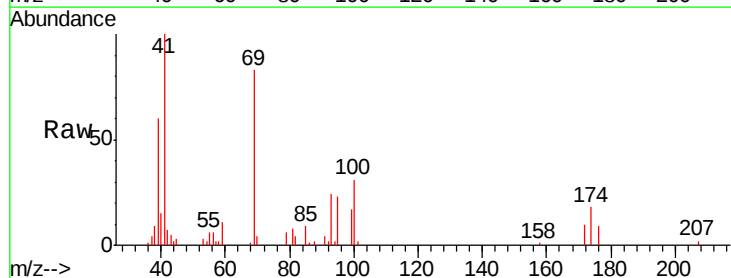
Tgt Ion: 41 Resp: 12399

Ion Ratio Lower Upper

41 100

69 83.4 71.4 107.0

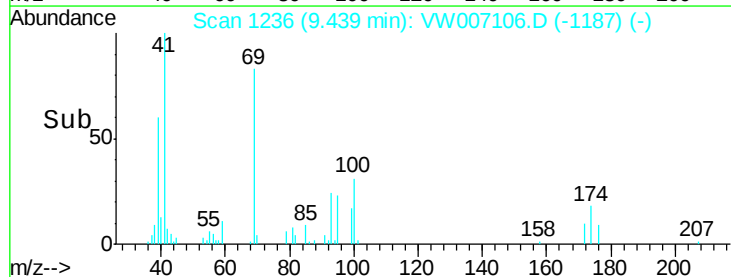
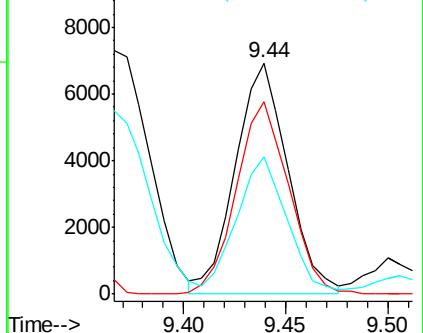
39 57.2 44.8 67.2

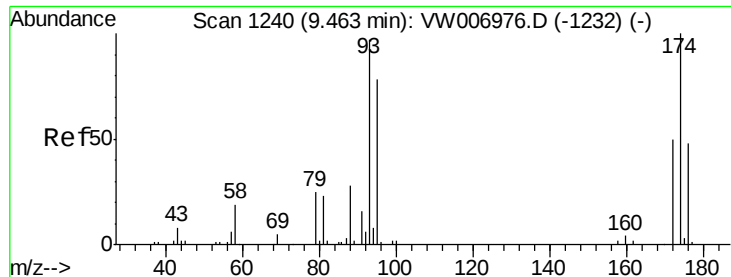


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

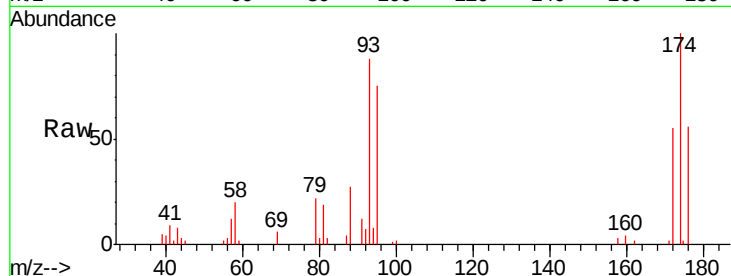




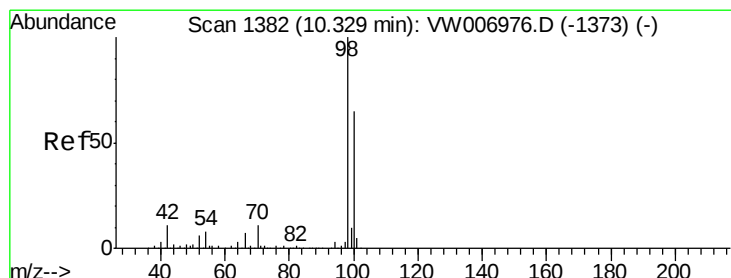
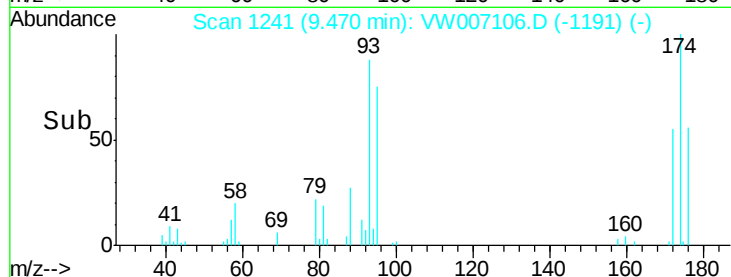
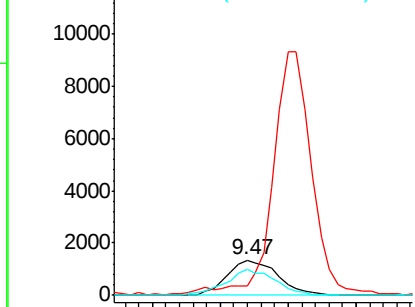
#49
1,4-Dioxane
Concen: 427.39 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

Tgt Ion: 88 Resp: 3480
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.2 59.0 88.6

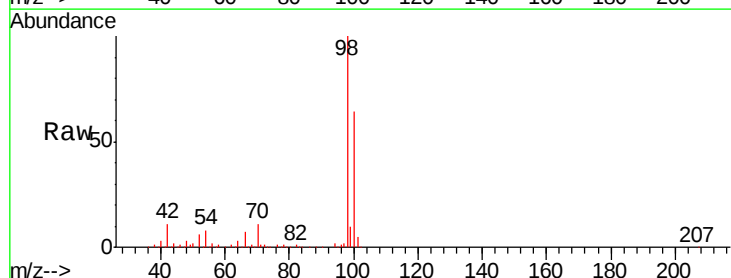


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

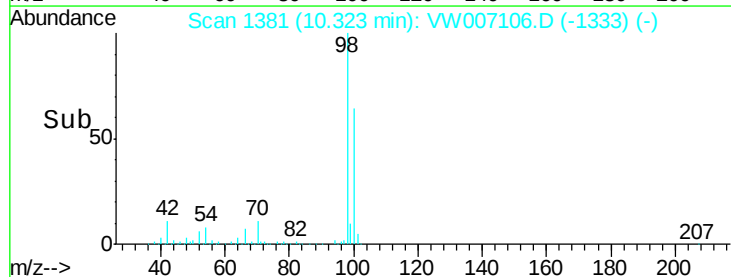
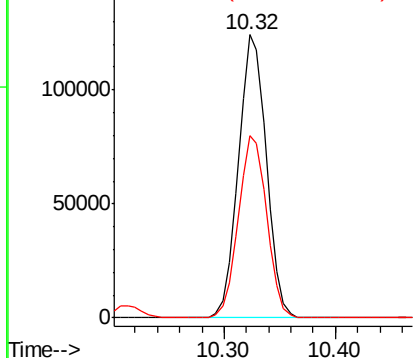


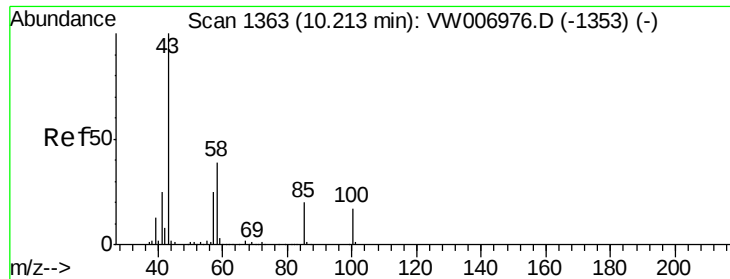
#50
Toluene-d8
Concen: 51.45 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 98 Resp: 215871
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

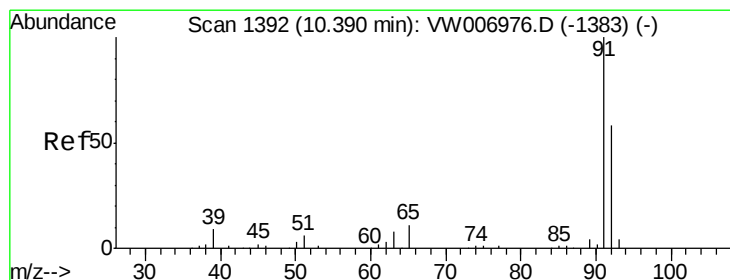
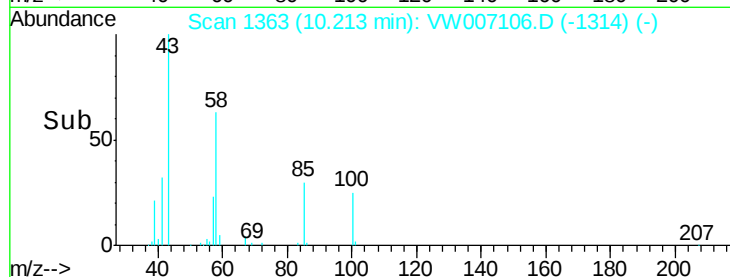
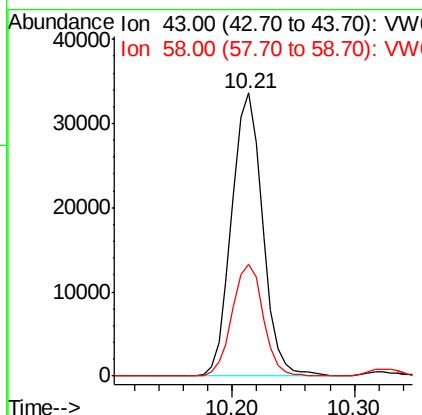
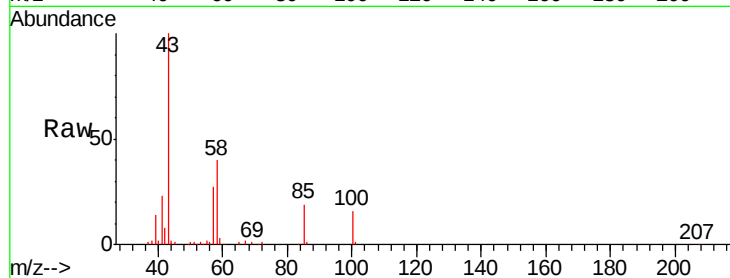




#51
 4-Methyl-2-Pentanone
 Concen: 102.71 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

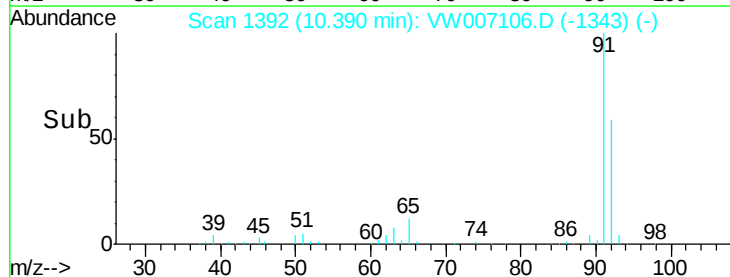
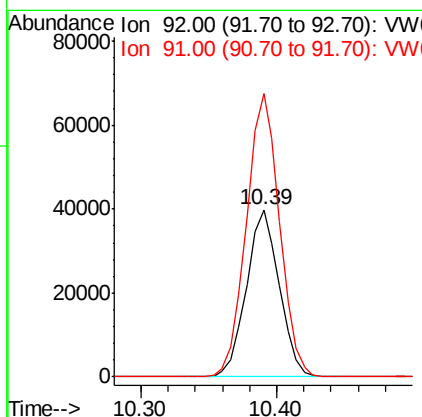
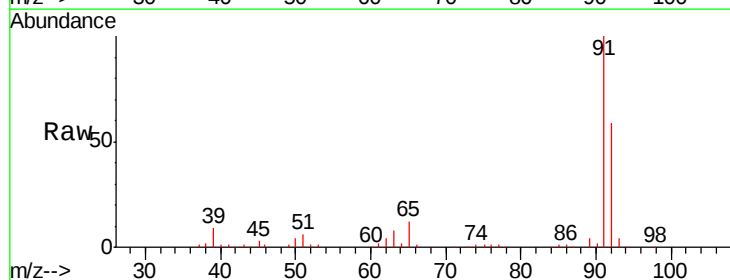
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

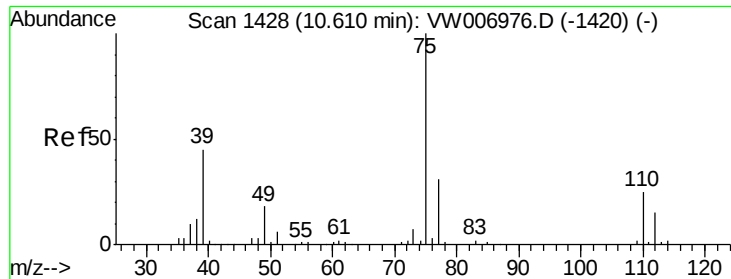
Tgt Ion: 43 Resp: 58926
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.6



#52
 Toluene
 Concen: 22.29 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 92 Resp: 67332
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.3 205.9

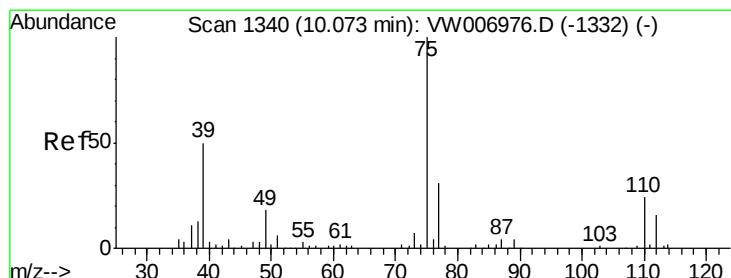
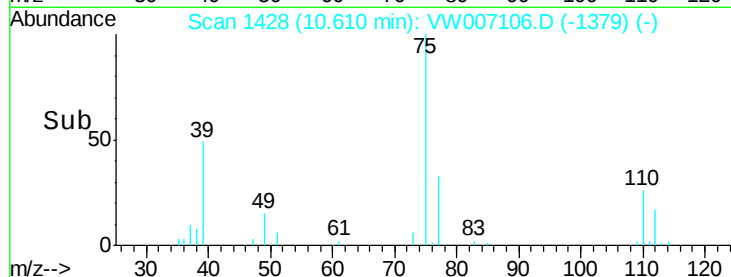
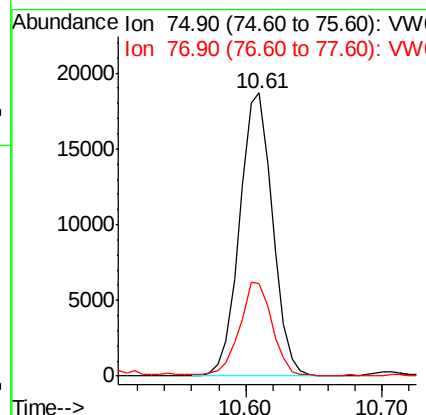
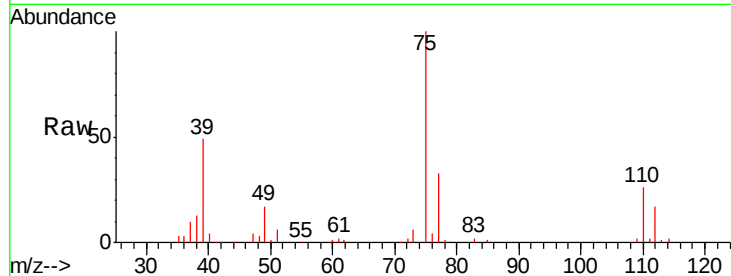




#53
 t-1,3-Dichloropropene
 Concen: 22.56 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

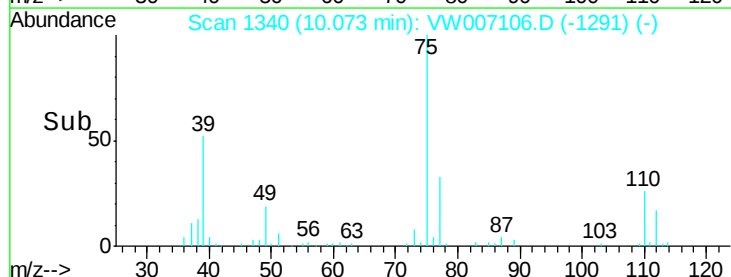
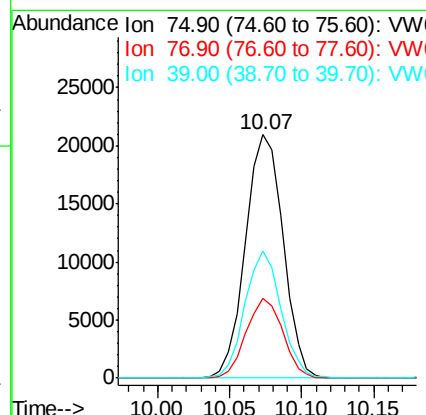
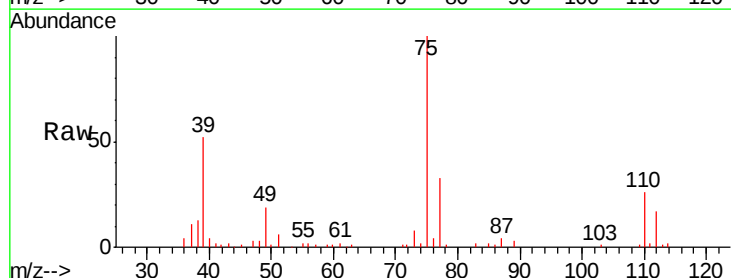
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

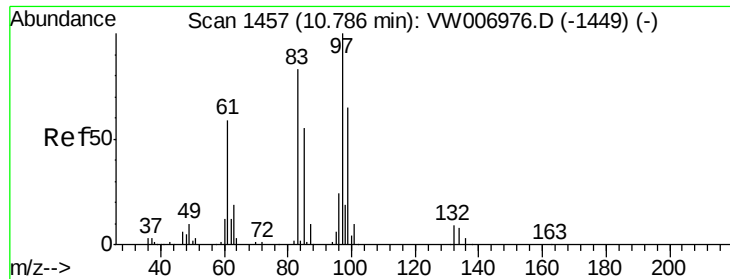
Tgt Ion: 75 Resp: 31540
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 22.46 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 75 Resp: 37944
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.6
 39 52.2 39.9 59.9

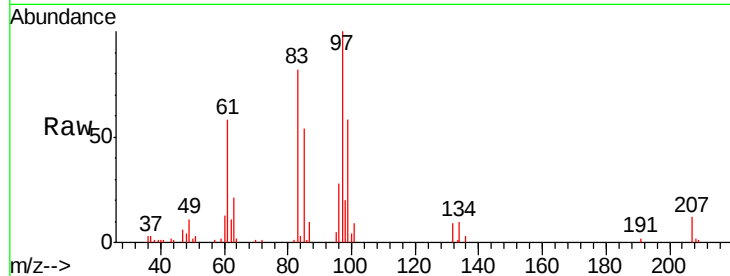




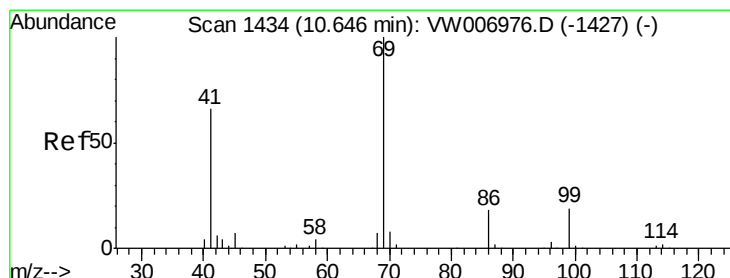
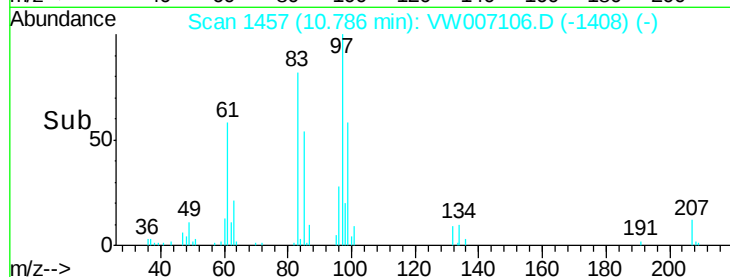
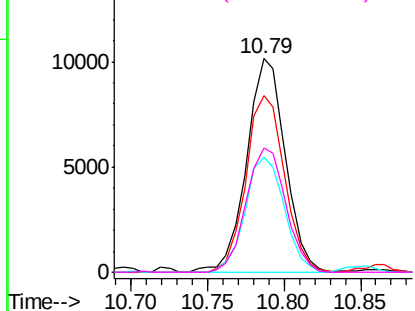
#55
 1,1,2-Trichloroethane
 Concen: 22.10 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

Tgt Ion:	97	Resp:	17810
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.4	99.6
85	53.8	44.1	66.1
99	58.0	51.7	77.5

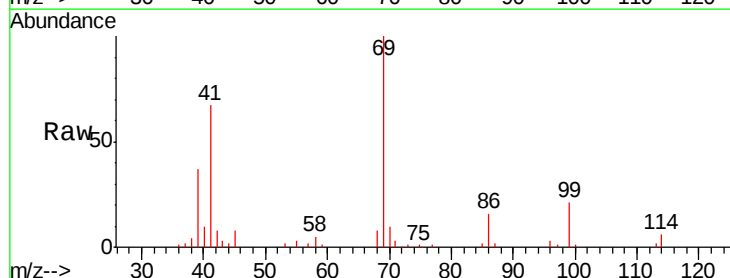


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

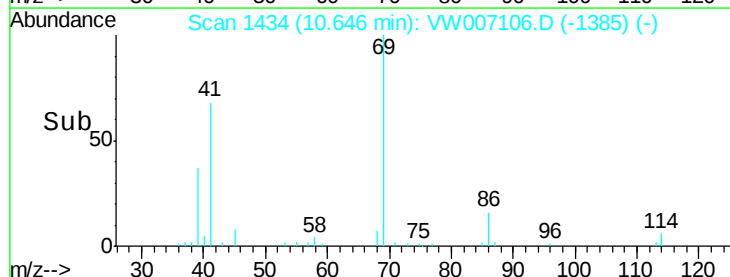
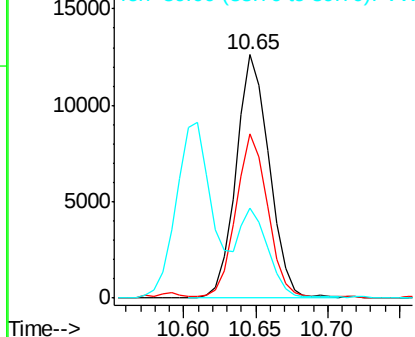


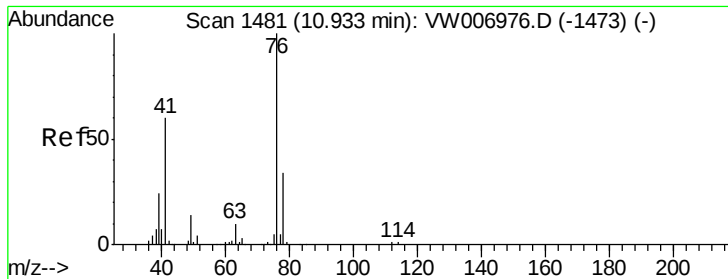
#56
 Ethyl methacrylate
 Concen: 21.61 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion:	69	Resp:	20215
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.4	80.0
39	31.5	28.2	42.4



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

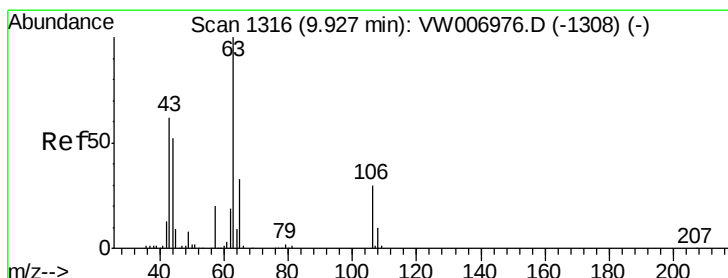
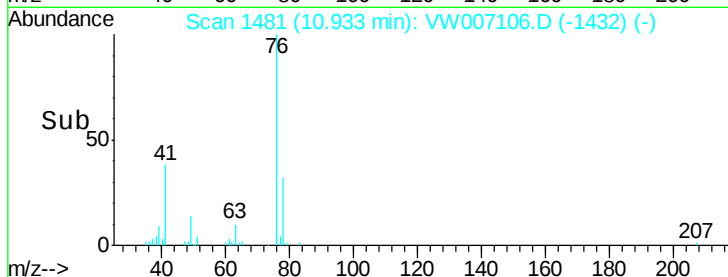
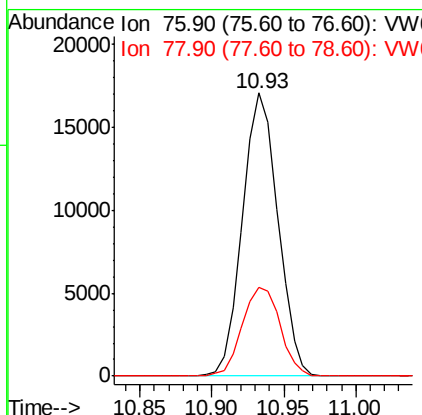
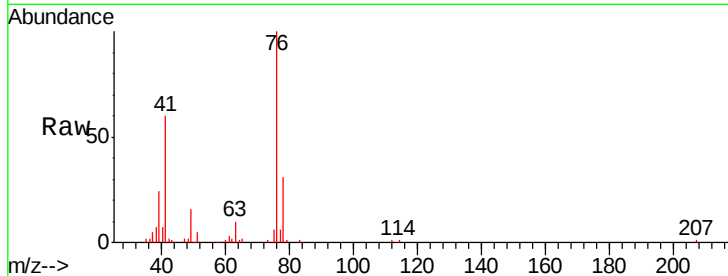




#57
 1,3-Dichloropropane
 Concen: 21.61 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

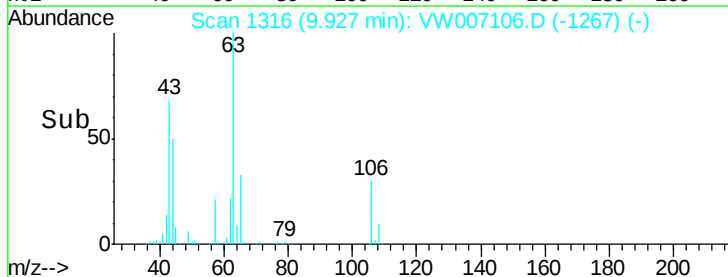
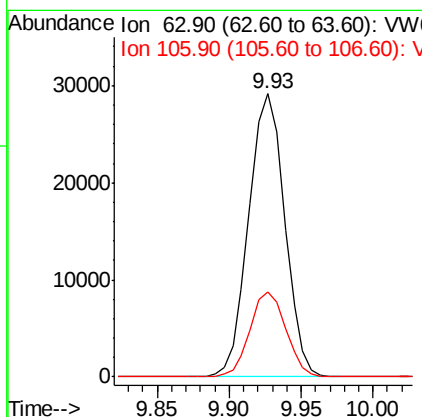
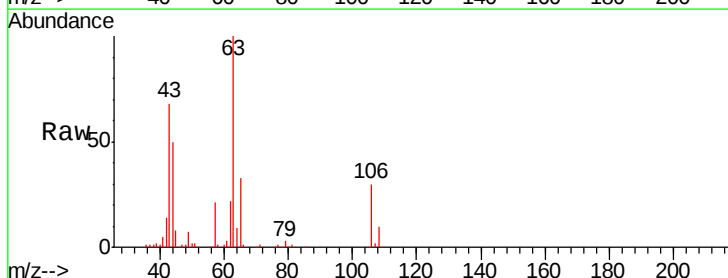
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

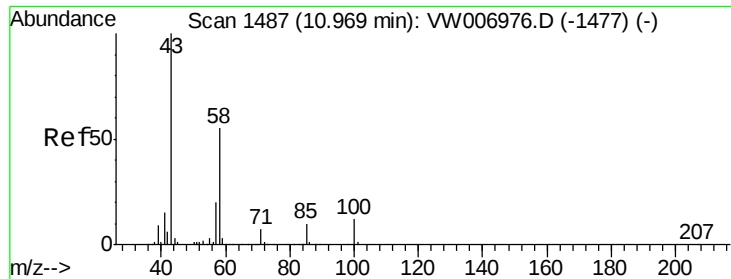
Tgt Ion: 76 Resp: 29191
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.24 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 63 Resp: 50475
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.5 35.3

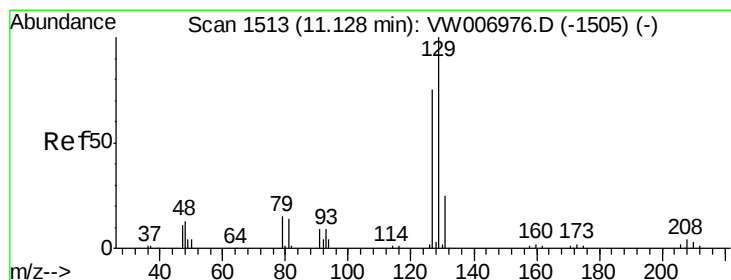
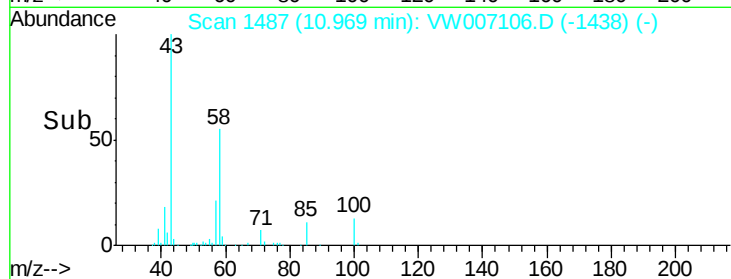
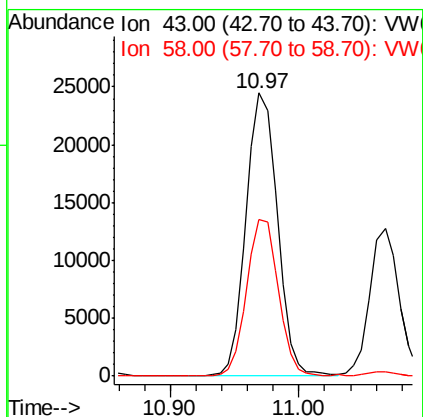
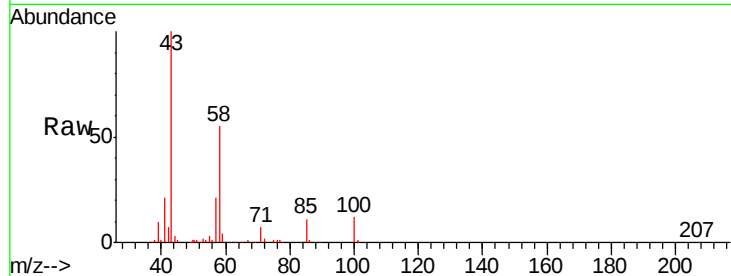




#59
2-Hexanone
Concen: 105.32 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

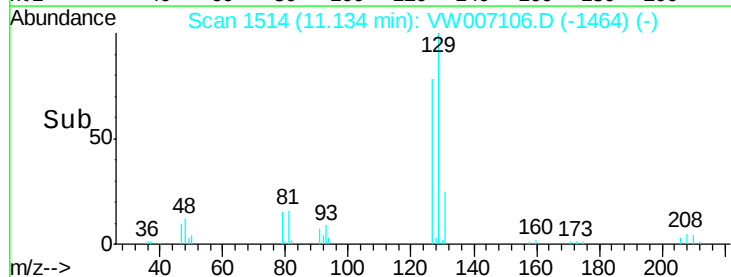
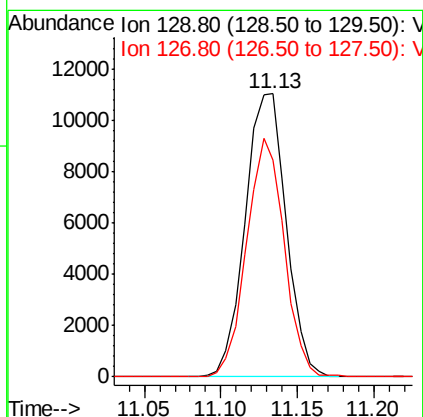
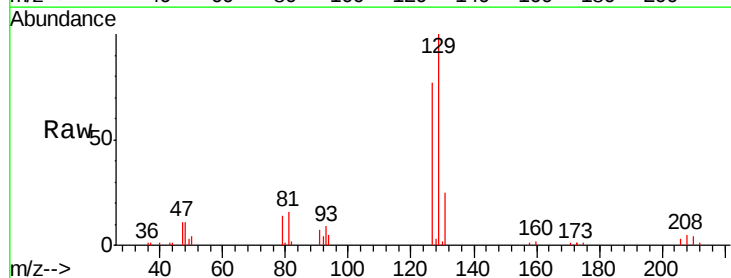
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

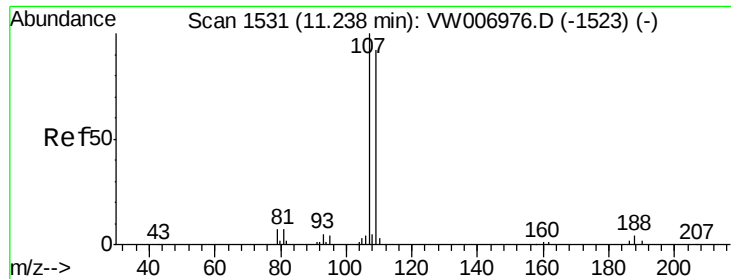
Tgt Ion: 43 Resp: 41378
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 22.45 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 129 Resp: 20618
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8

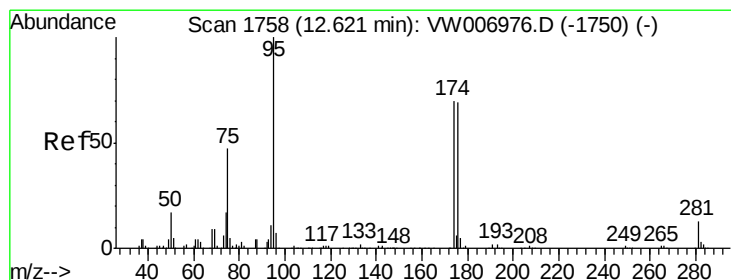
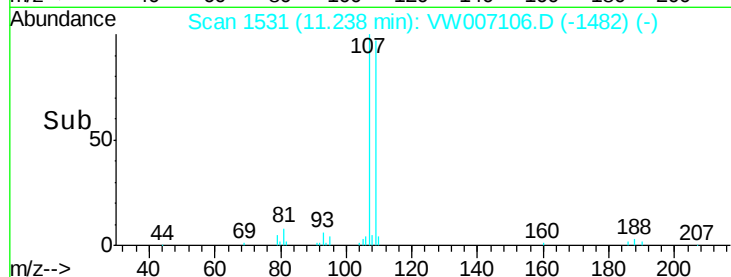
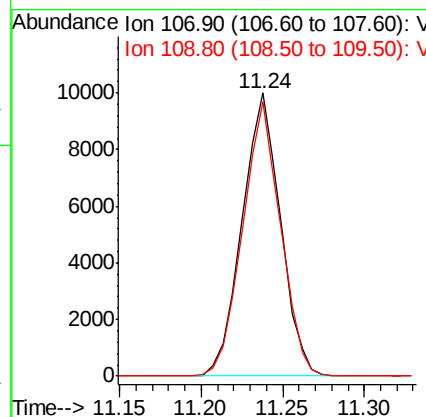
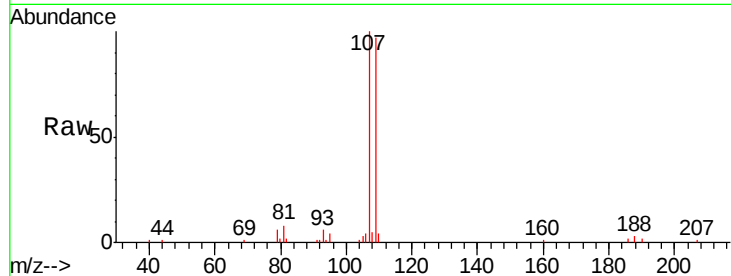




#61
 1,2-Dibromoethane
 Concen: 22.23 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

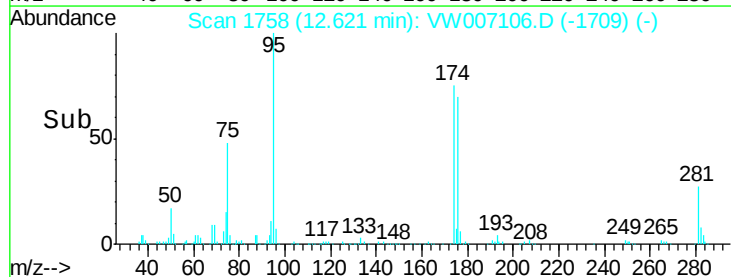
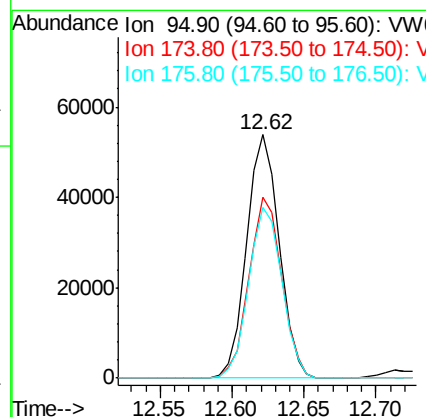
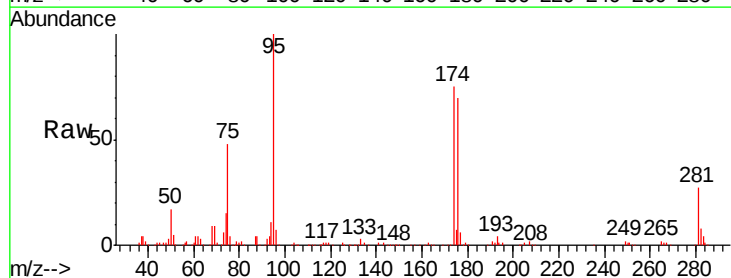
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

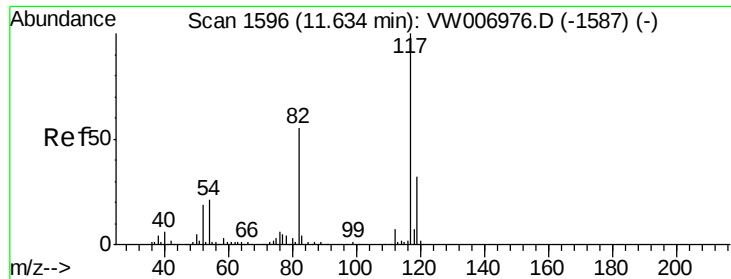
Tgt Ion: 107 Resp: 16389
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.93 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion: 95 Resp: 84090
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.6
 176 71.8 0.0 140.4

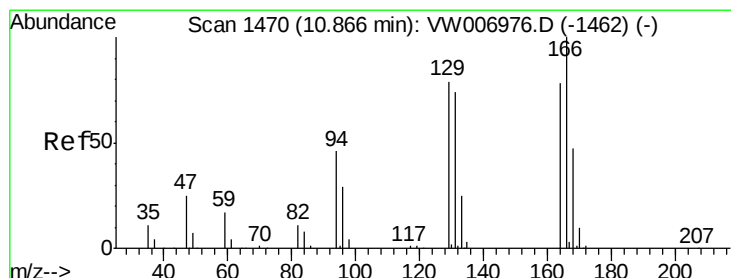
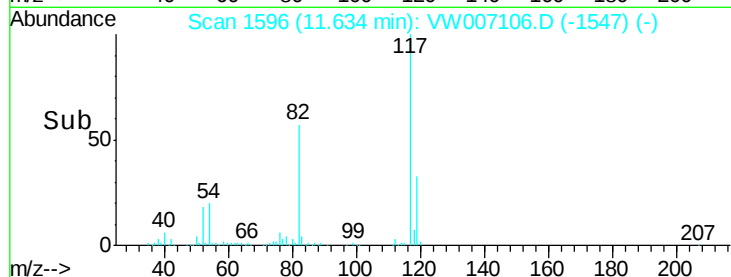
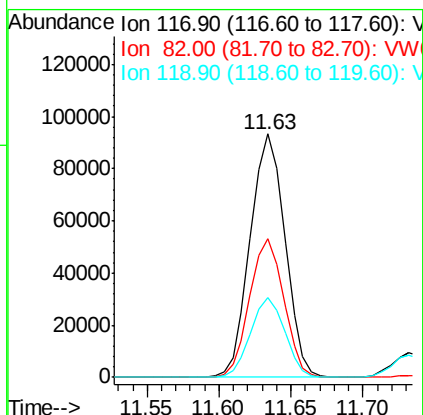
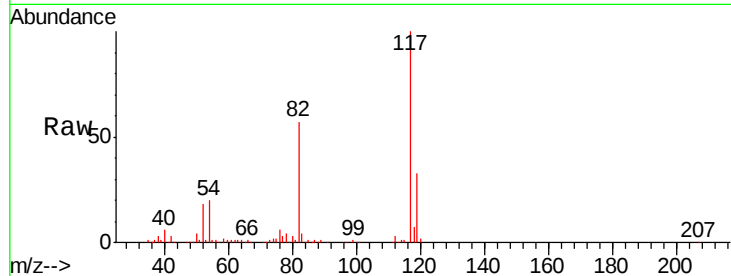




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

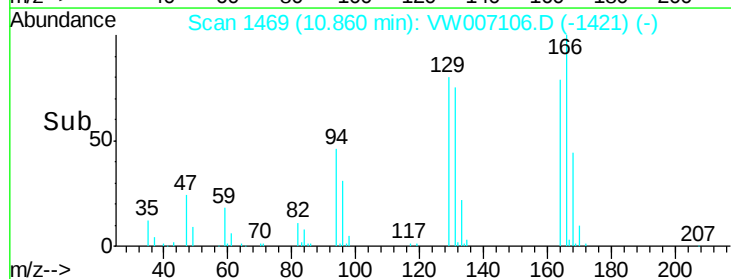
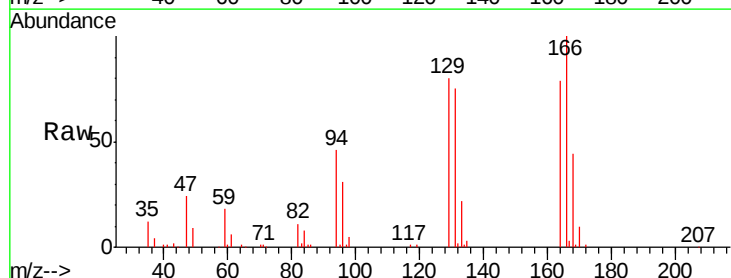
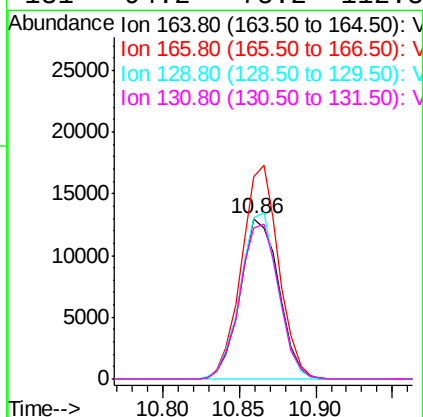
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

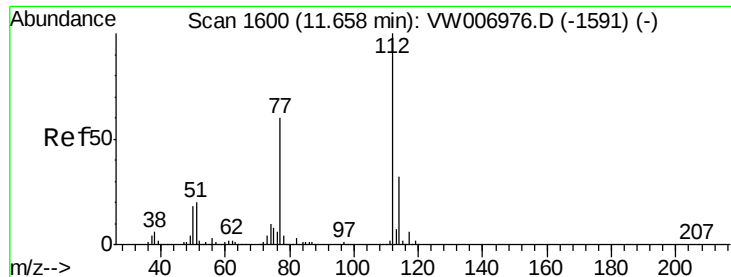
Tgt Ion:117 Resp: 156065
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 33.0 25.9 38.9



#64
Tetrachloroethene
Concen: 22.68 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:164 Resp: 22774
Ion Ratio Lower Upper
164 100
166 126.0 102.1 153.1
129 100.5 80.4 120.6
131 94.2 75.2 112.8

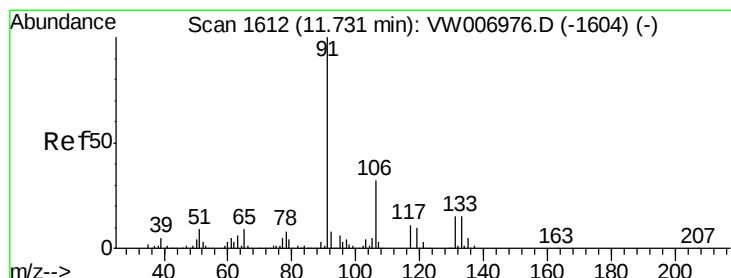
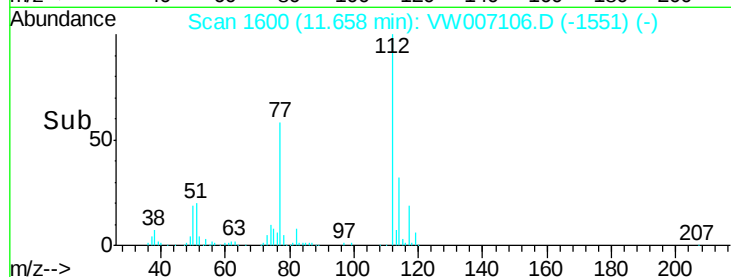
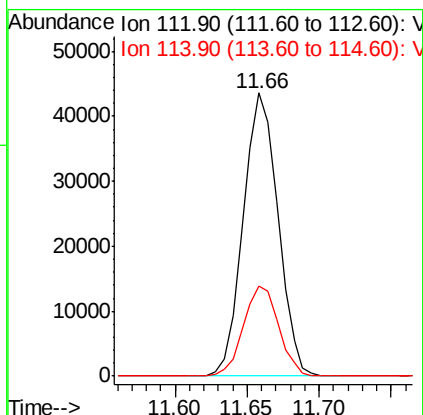
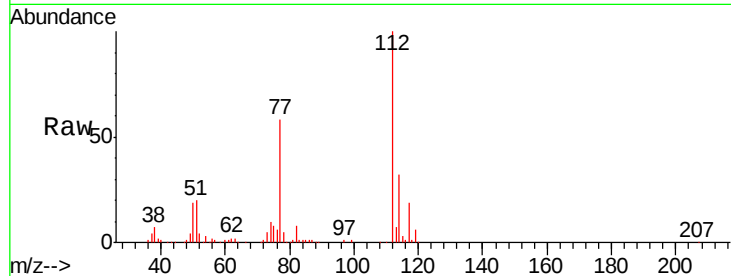




#65
Chlorobenzene
Concen: 22.34 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

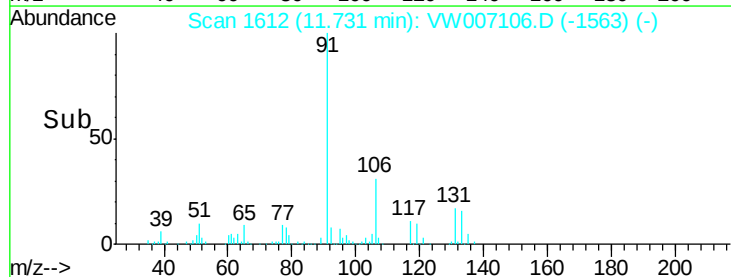
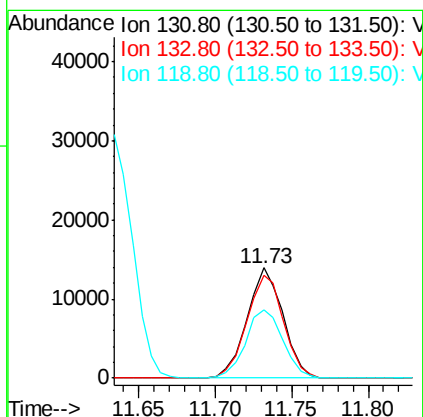
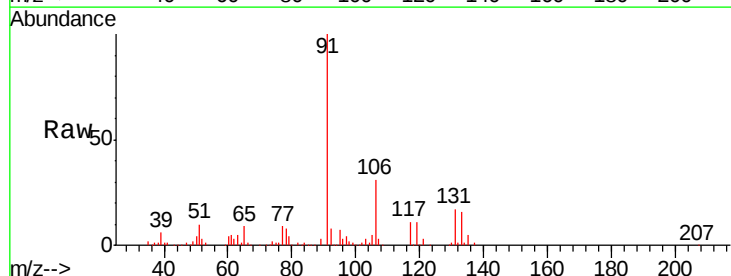
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

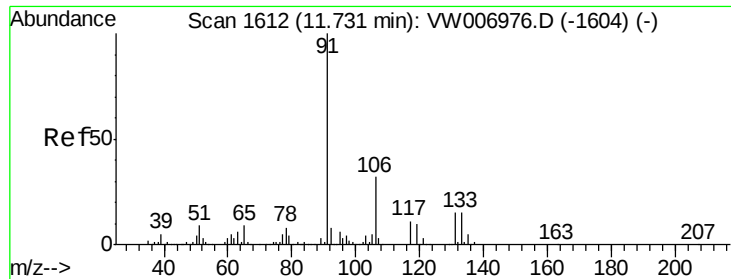
Tgt Ion:112 Resp: 72773
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.97 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:131 Resp: 22636
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 64.4 31.8 95.3

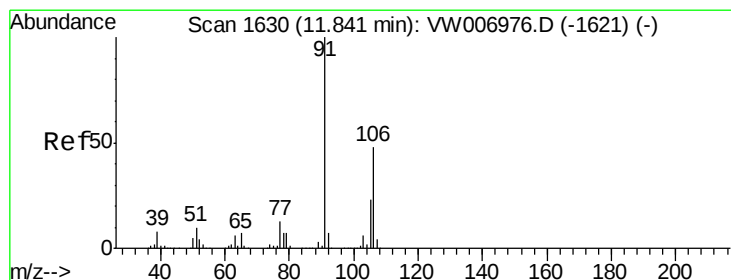
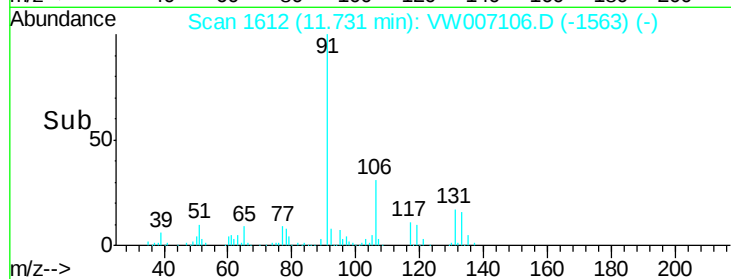
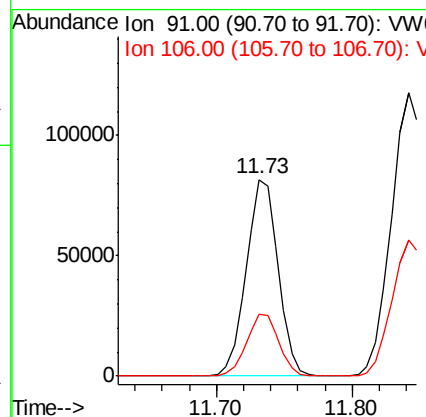
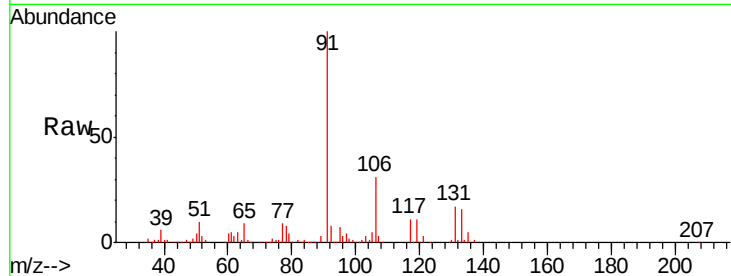




#67
Ethyl Benzene
Concen: 22.41 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

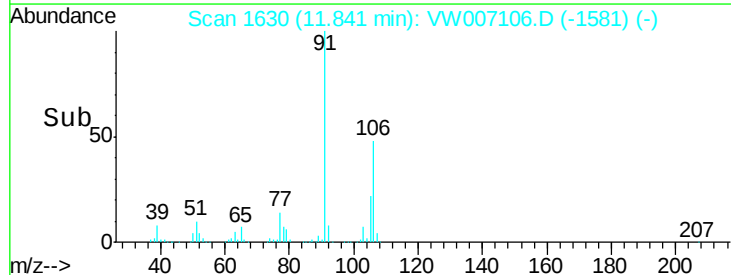
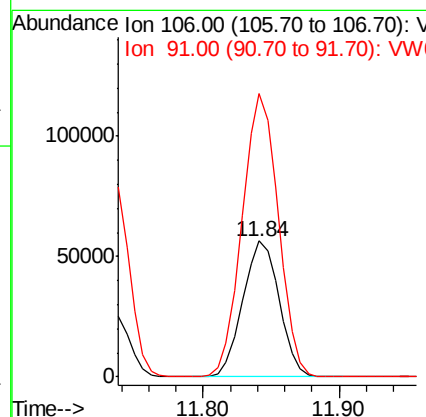
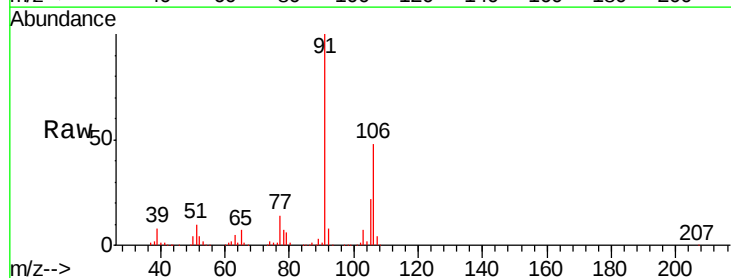
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

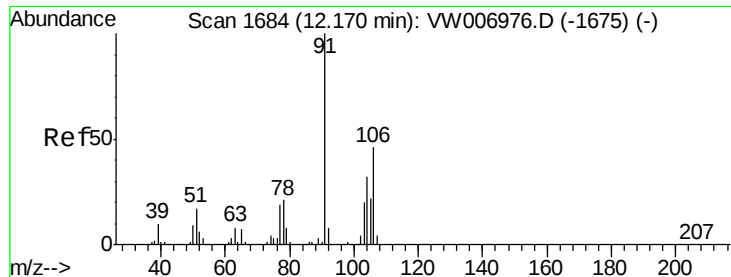
Tgt Ion: 91 Resp: 134114
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 45.05 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:106 Resp: 105762
Ion Ratio Lower Upper
106 100
91 207.1 164.8 247.2

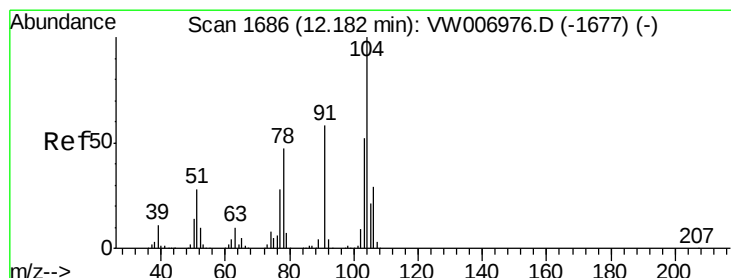
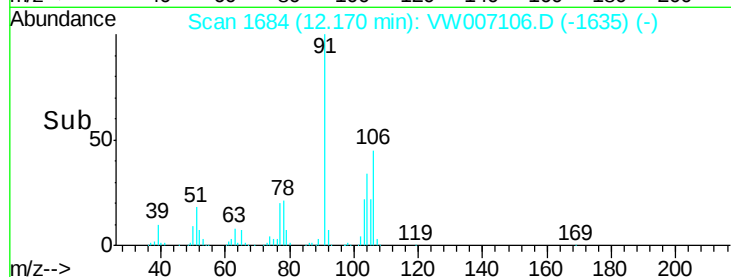
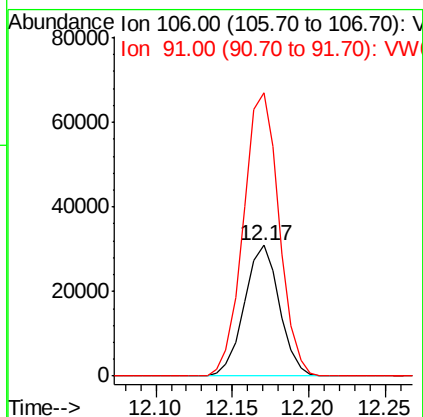
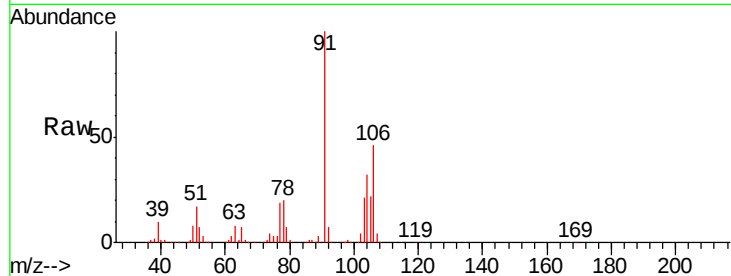




#69
o-Xylene
Concen: 22.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

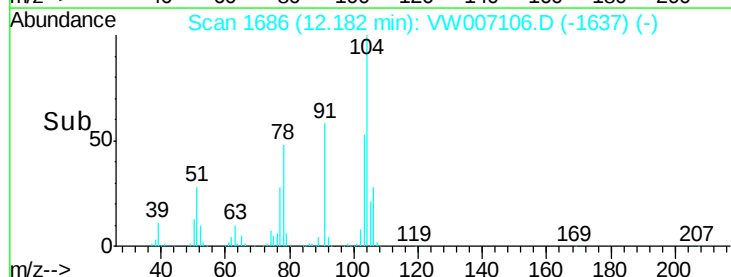
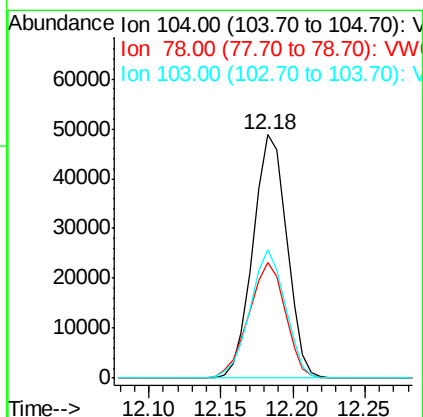
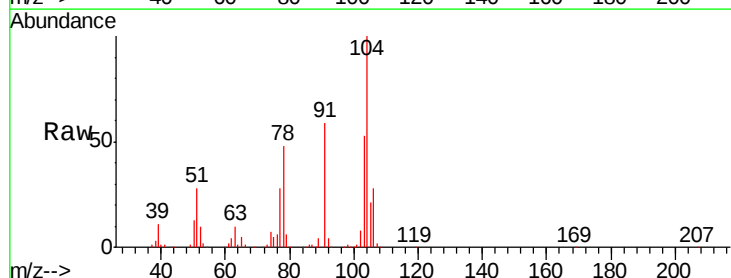
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

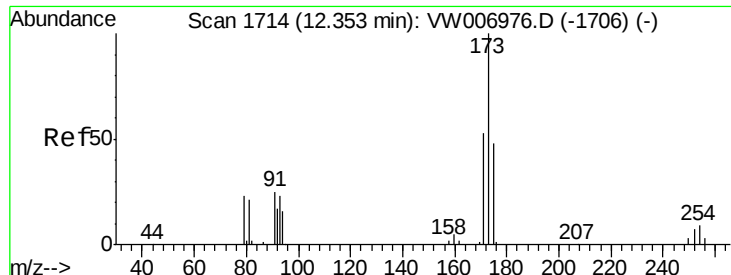
Tgt Ion:106 Resp: 49308
Ion Ratio Lower Upper
106 100
91 220.0 107.9 323.8



#70
Styrene
Concen: 22.53 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:104 Resp: 79375
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.0 44.4 66.6





#71

Bromoform

Concen: 23.56 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

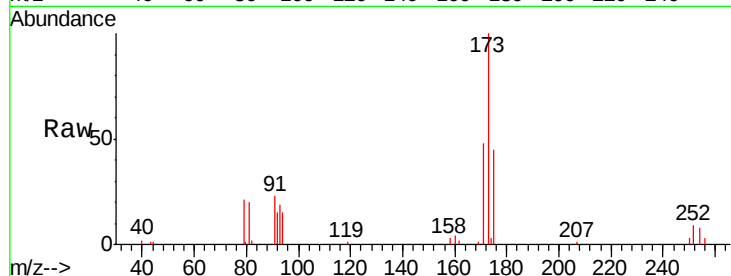
Tgt Ion:173 Resp: 10937

Ion Ratio Lower Upper

173 100

175 46.1 24.0 72.0

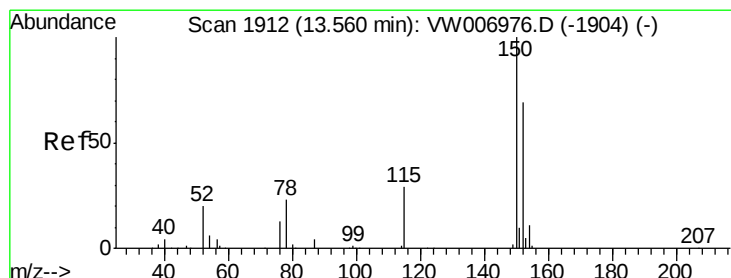
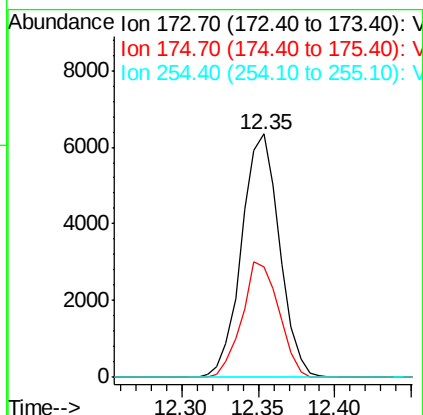
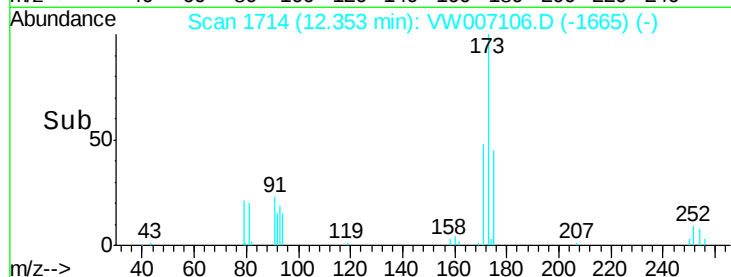
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

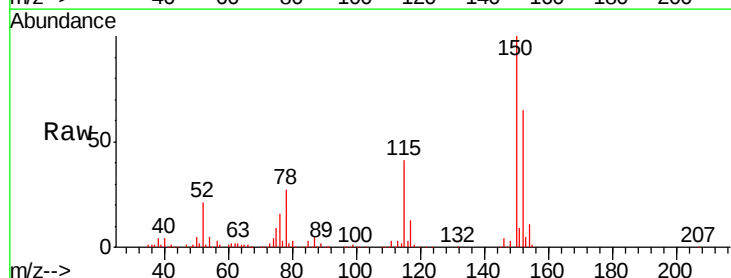
Tgt Ion:152 Resp: 79893

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

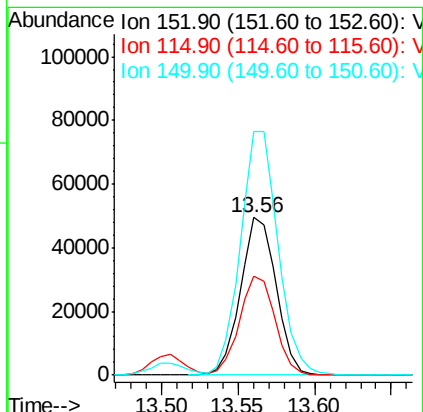
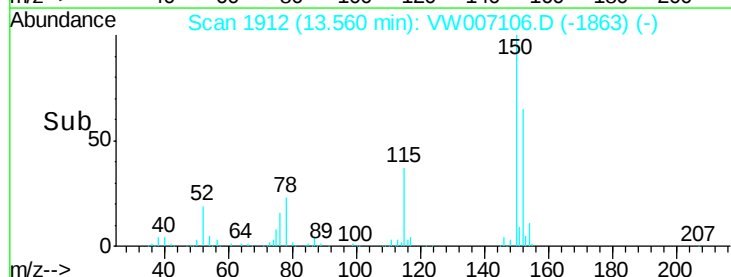
150 163.4 0.0 353.4

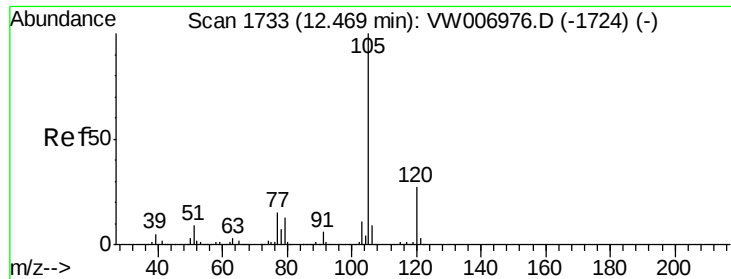


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.47 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

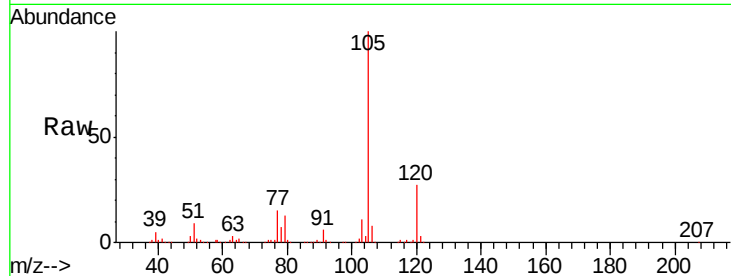
VW1128SBS01

Tgt Ion:105 Resp: 139494

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

100000

80000

60000

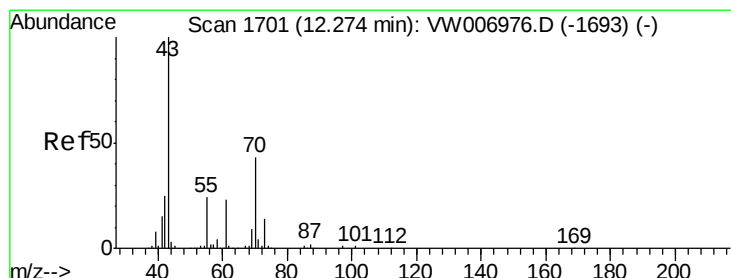
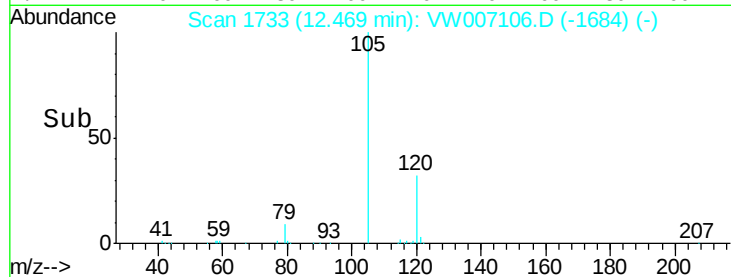
40000

20000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 21.57 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Tgt Ion: 43 Resp: 22452

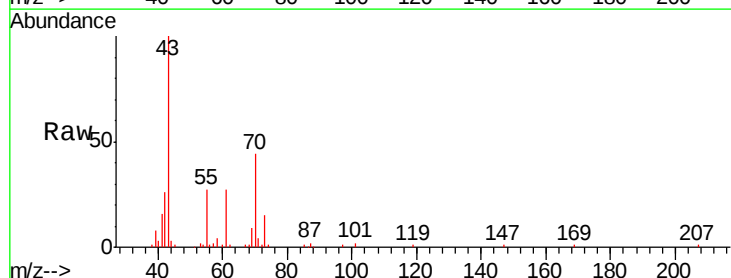
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 24.8 19.4 29.0

61 25.7 19.4 29.2



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

20000

15000

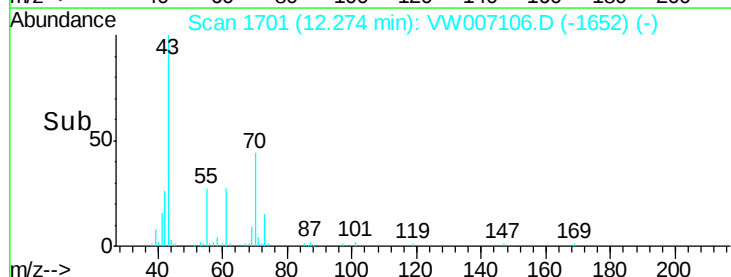
10000

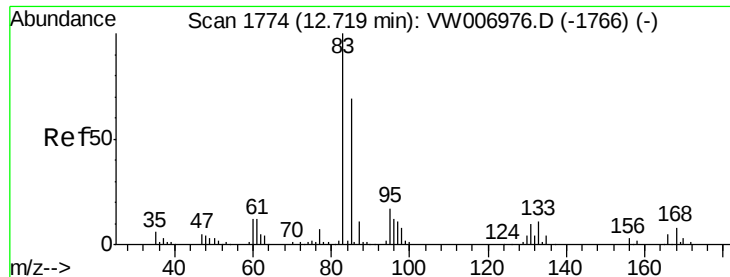
5000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 21.06 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

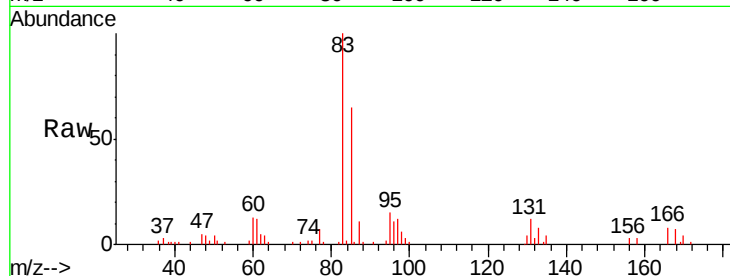
Tgt Ion: 83 Resp: 17406

Ion Ratio Lower Upper

83 100

131 12.2 5.7 17.1

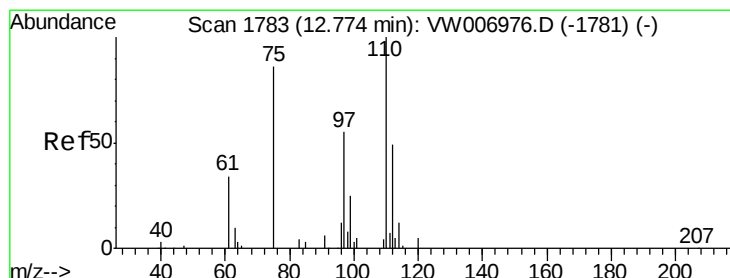
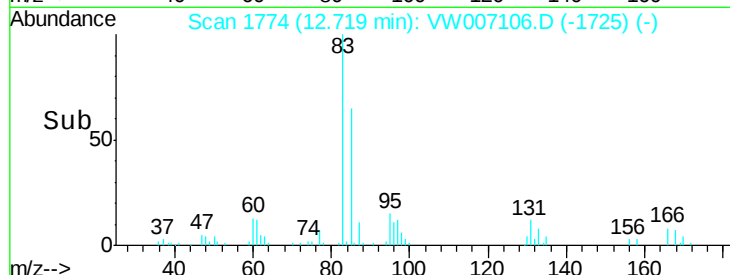
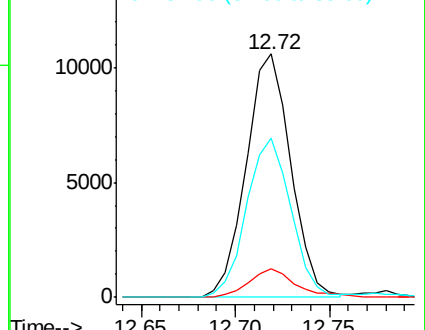
85 65.3 33.1 99.2



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: 39.27 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007106.D

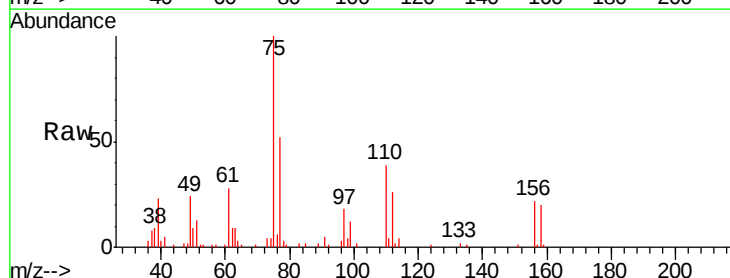
Acq: 28 Nov 2018 12:10

Tgt Ion: 75 Resp: 24656

Ion Ratio Lower Upper

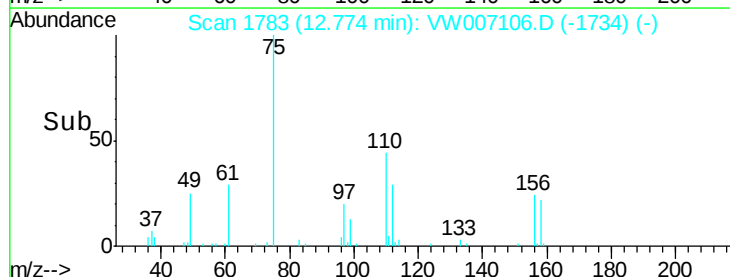
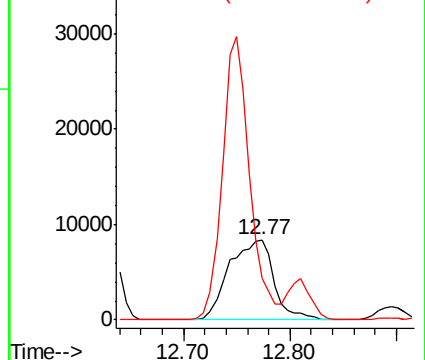
75 100

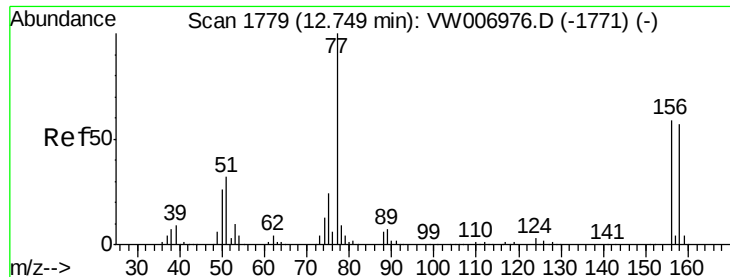
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.79 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

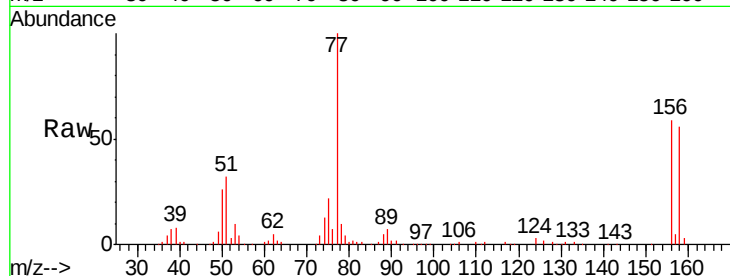
Tgt Ion: 156 Resp: 29064

Ion Ratio Lower Upper

156 100

77 183.8 94.6 283.8

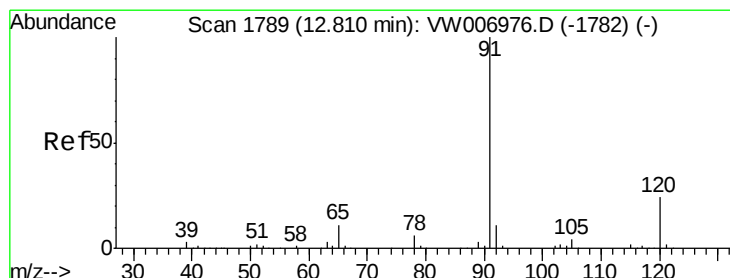
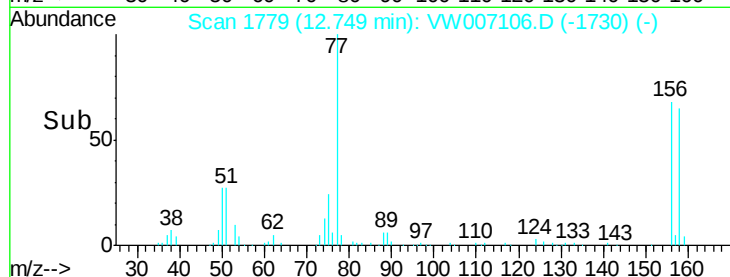
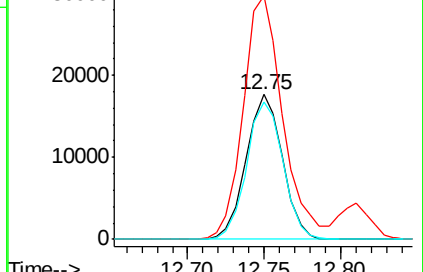
158 95.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.12 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007106.D

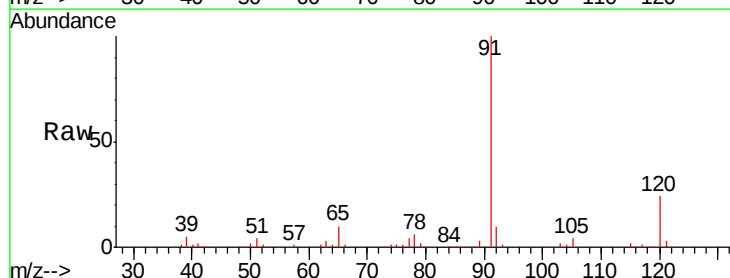
Acq: 28 Nov 2018 12:10

Tgt Ion: 91 Resp: 166354

Ion Ratio Lower Upper

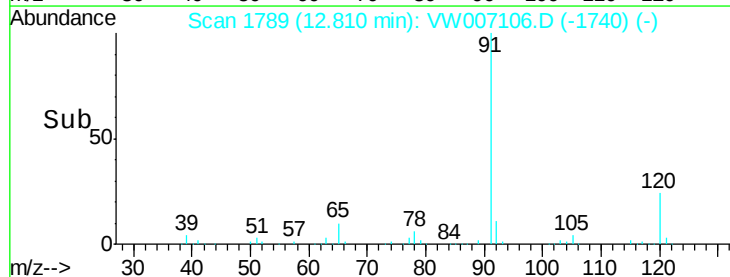
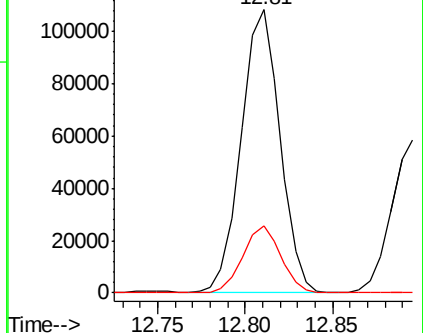
91 100

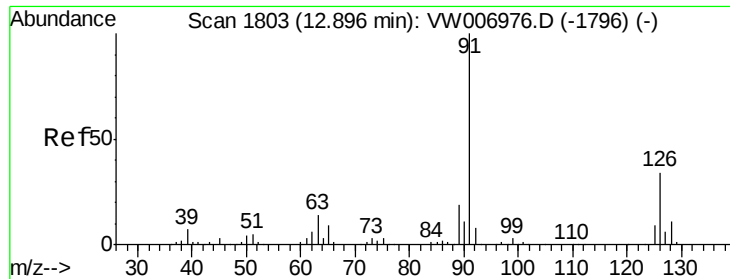
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.79 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

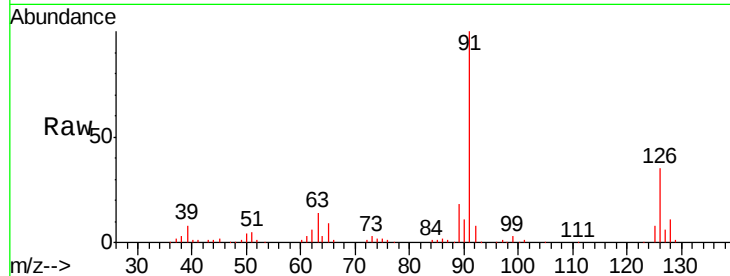
VW1128SBS01

Tgt Ion: 91 Resp: 94513

Ion Ratio Lower Upper

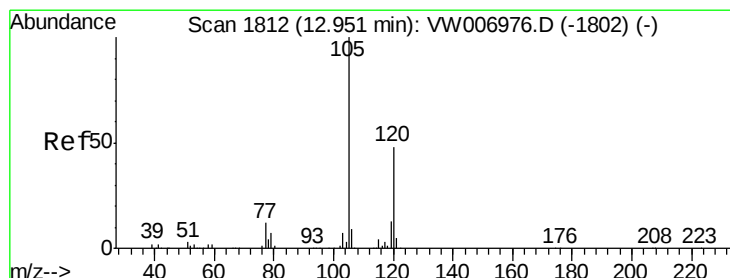
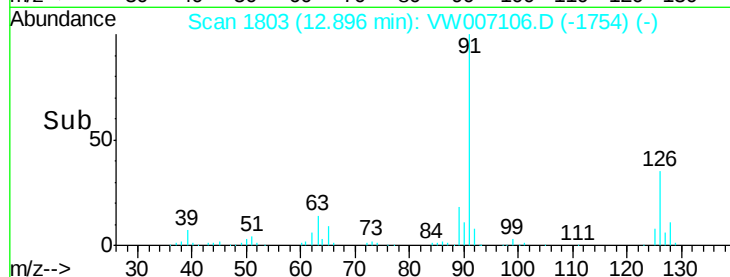
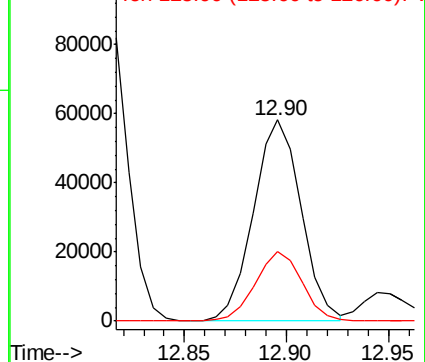
91 100

126 34.0 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.91 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007106.D

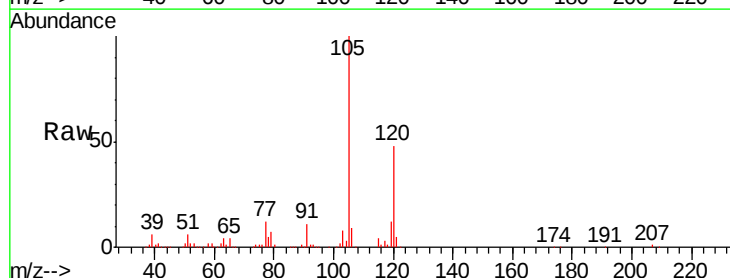
Acq: 28 Nov 2018 12:10

Tgt Ion: 105 Resp: 117669

Ion Ratio Lower Upper

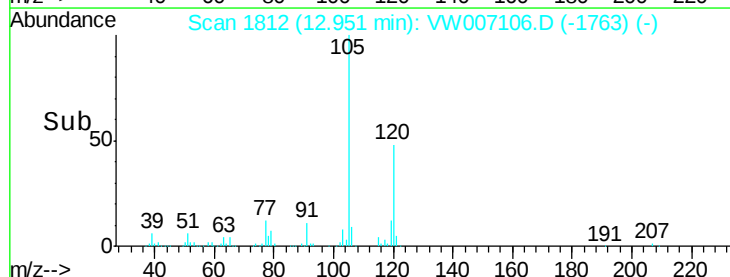
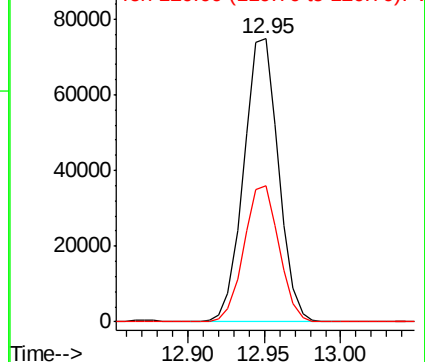
105 100

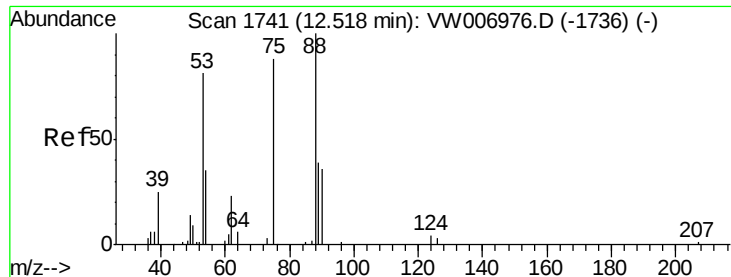
120 48.7 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

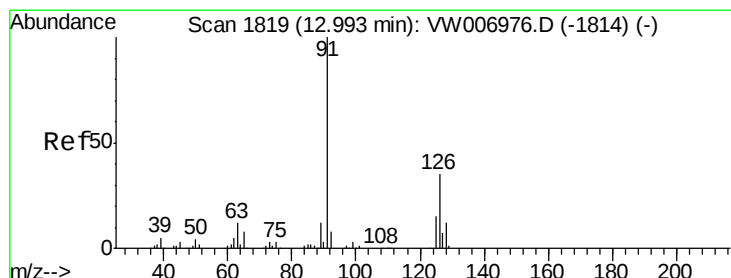
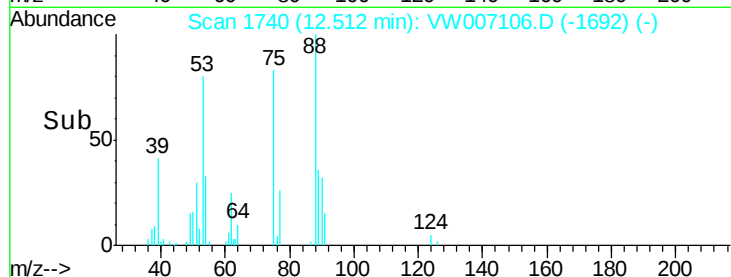
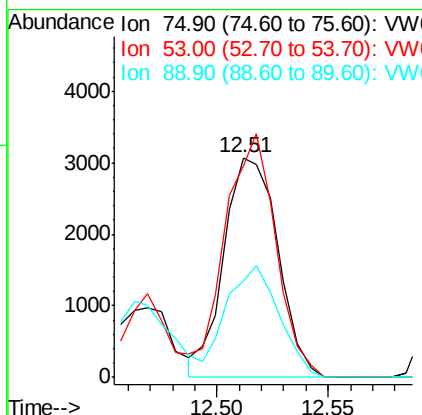
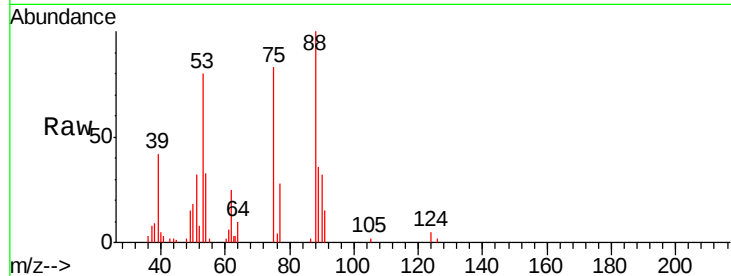




#81
trans-1,4-Dichloro-2-butene
Concen: 20.73 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

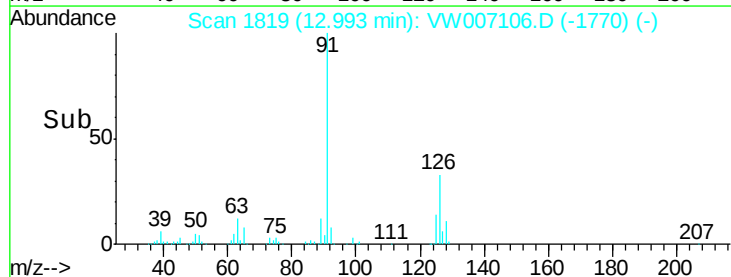
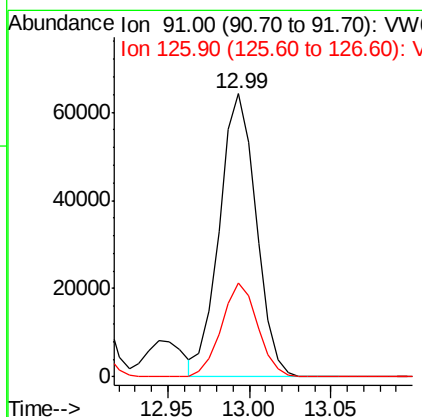
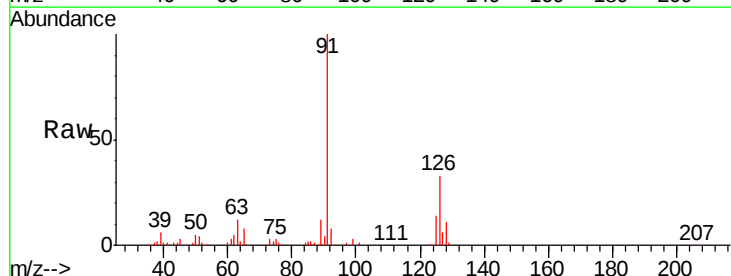
Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

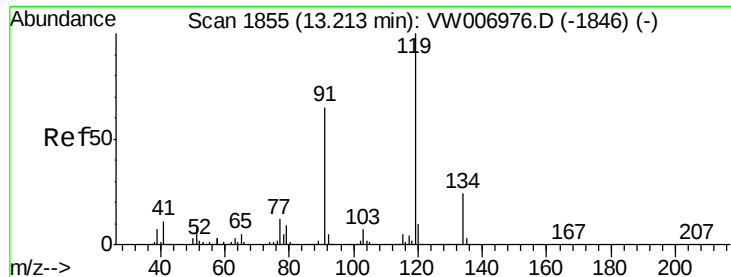
Tgt Ion: 75 Resp: 5184
Ion Ratio Lower Upper
75 100
53 103.7 77.6 116.4
89 49.5 39.3 58.9



#82
4-Chlorotoluene
Concen: 22.09 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 91 Resp: 100520
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

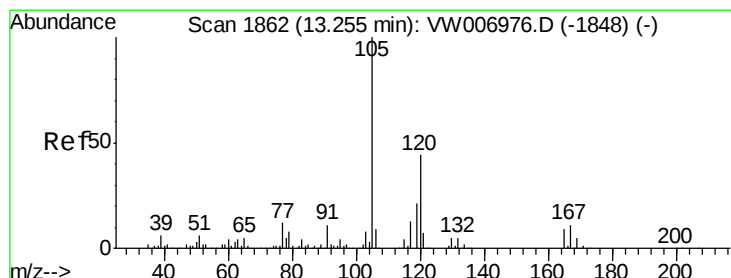
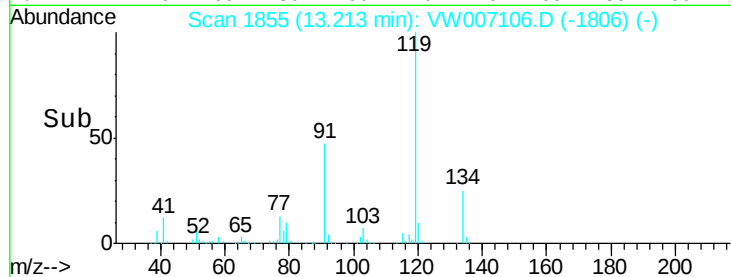
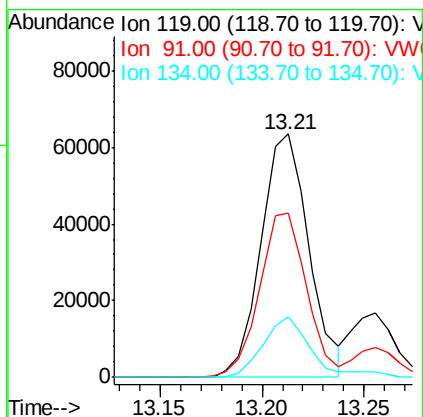
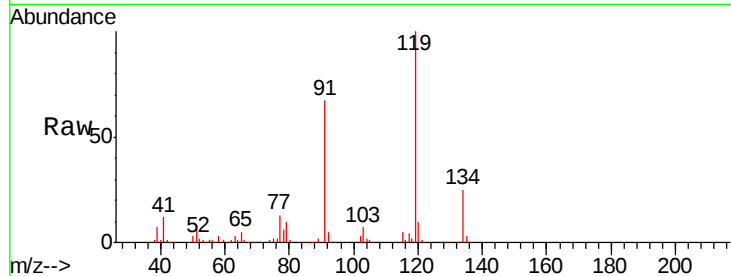




#83
 tert-Butylbenzene
 Concen: 22.38 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

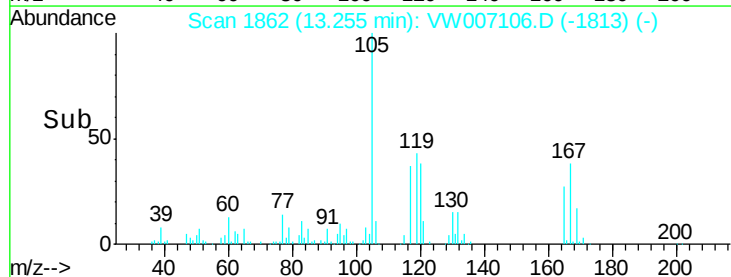
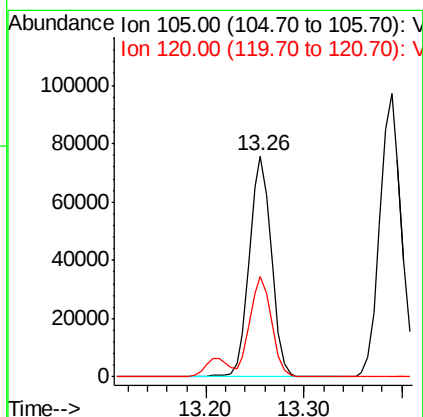
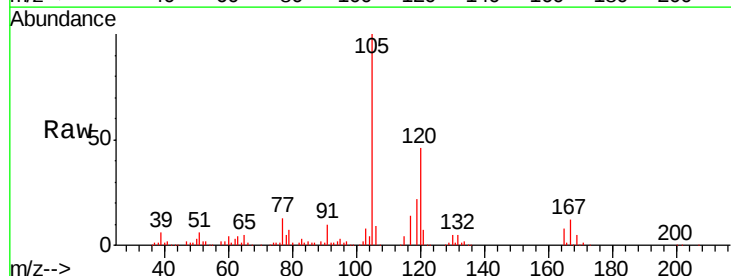
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

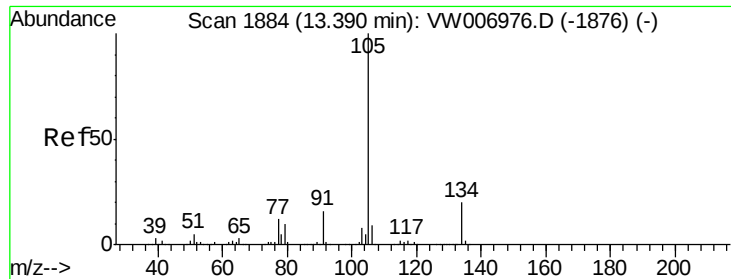
Tgt Ion:119 Resp: 104042
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.5 100.5
 134 25.3 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.05 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion:105 Resp: 117932
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 22.29 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

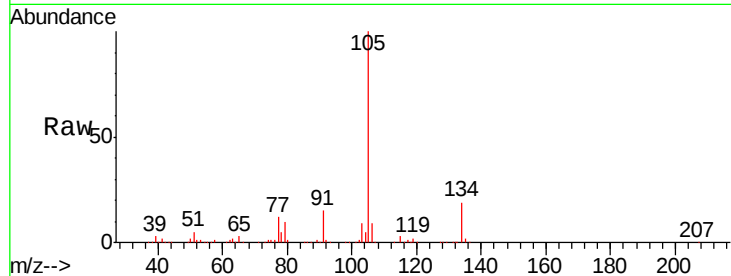
VW1128SBS01

Tgt Ion:105 Resp: 146369

Ion Ratio Lower Upper

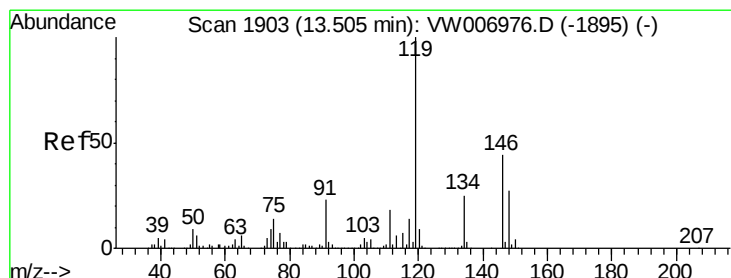
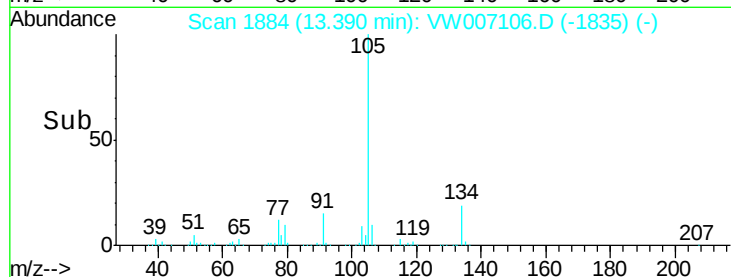
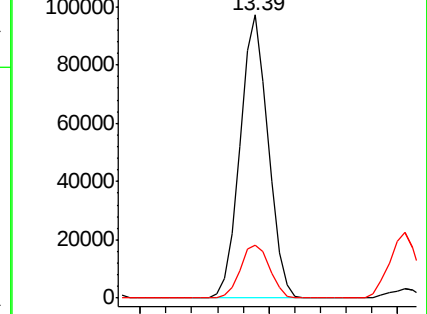
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.47 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

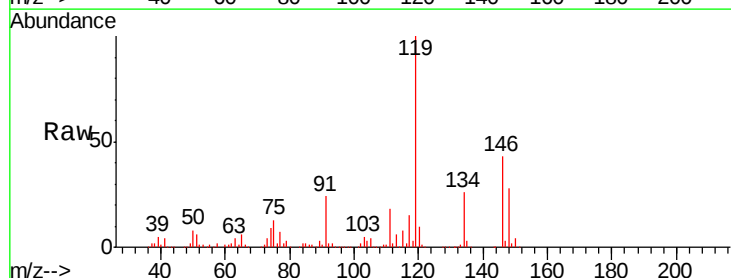
Tgt Ion:119 Resp: 130196

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

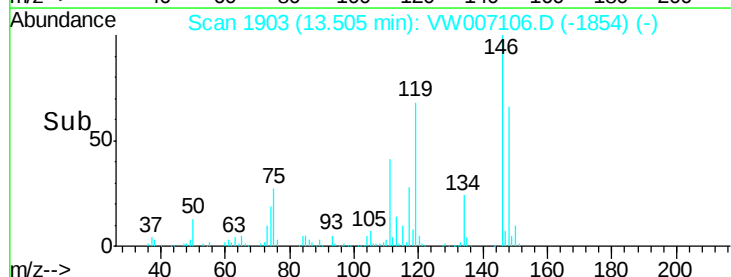
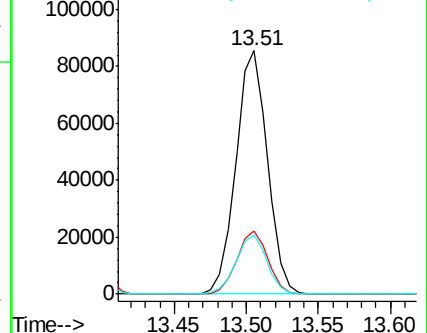
91 24.0 12.2 36.6

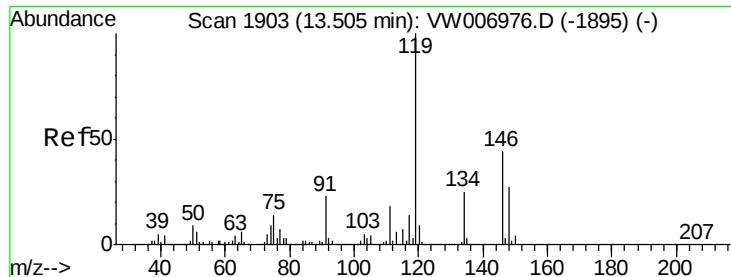


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.30 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

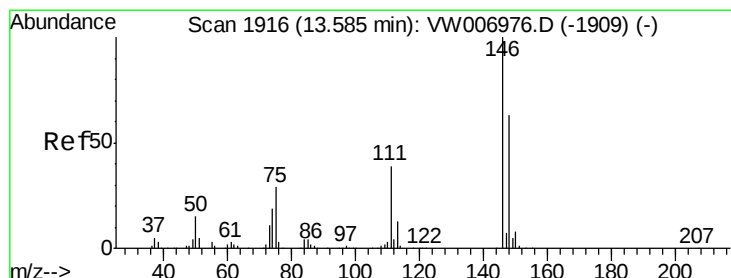
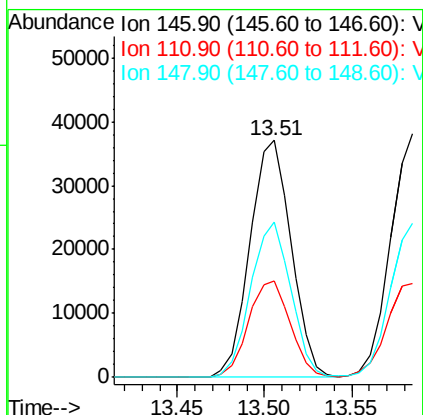
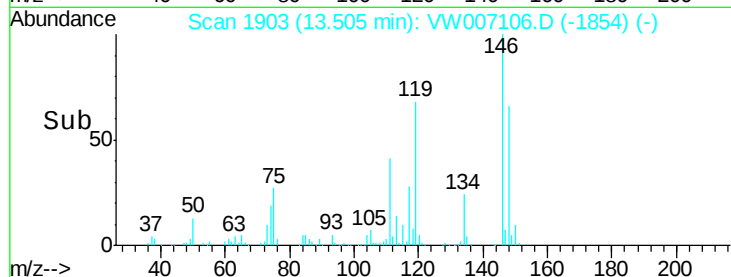
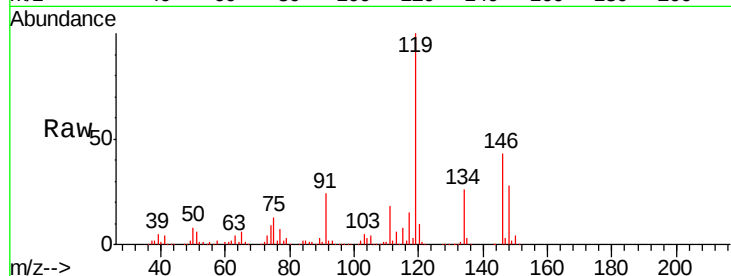
Tgt Ion:146 Resp: 60713

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.3

148 64.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 21.86 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

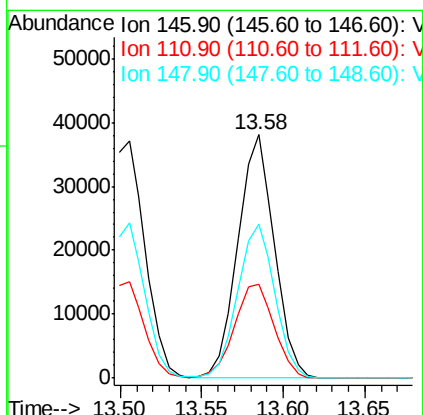
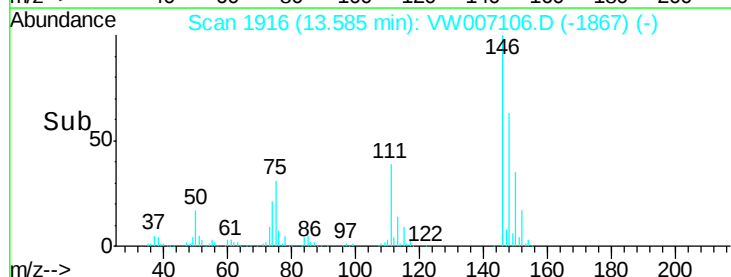
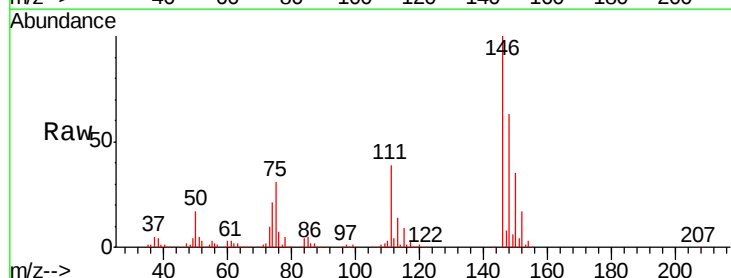
Tgt Ion:146 Resp: 59344

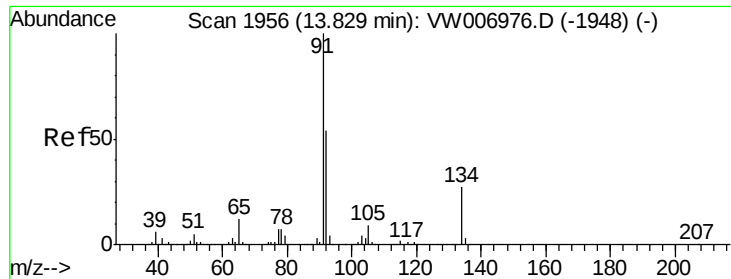
Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 22.15 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

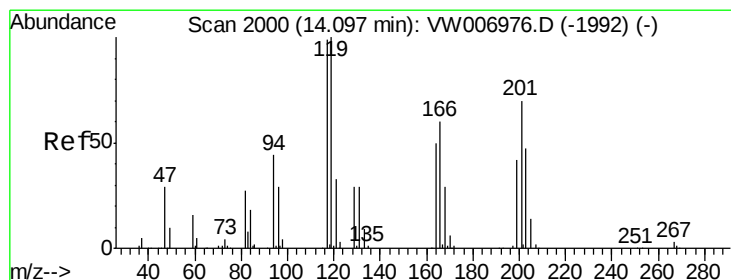
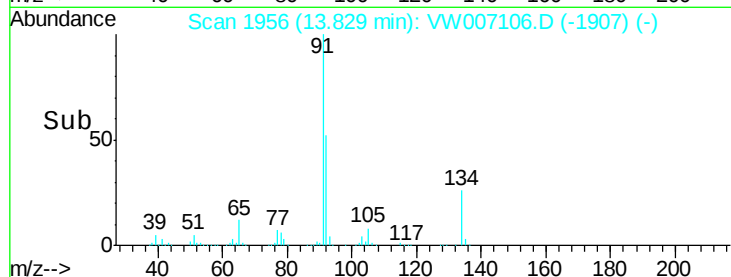
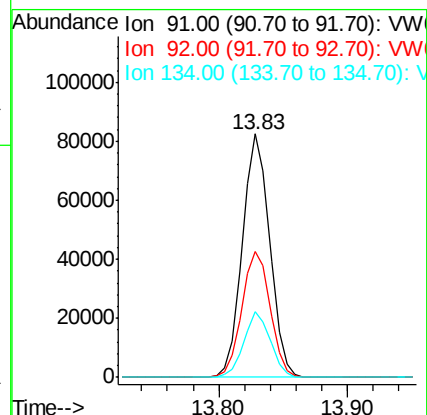
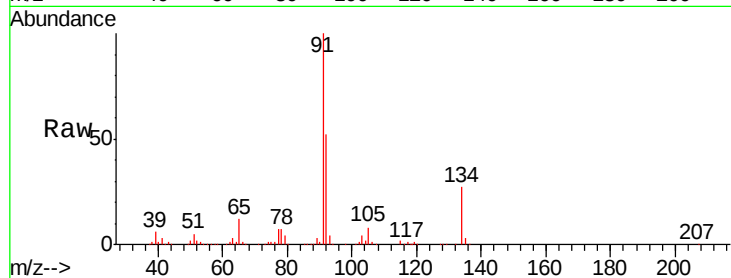
Tgt Ion: 91 Resp: 120760

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 26.2 13.3 39.8



#90

Hexachloroethane

Concen: 22.57 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007106.D

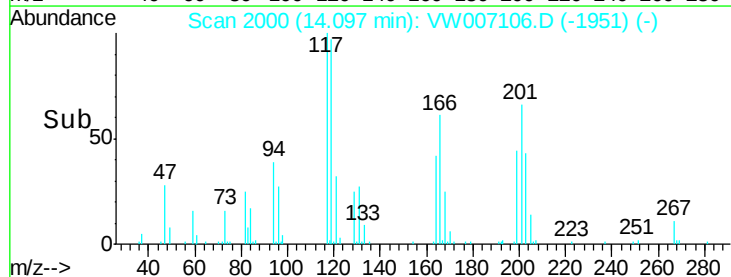
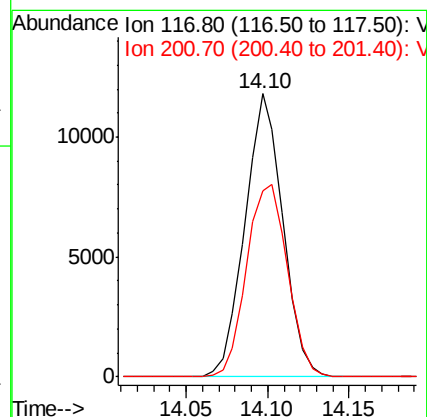
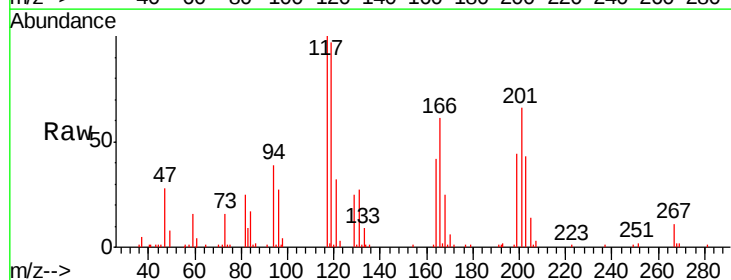
Acq: 28 Nov 2018 12:10

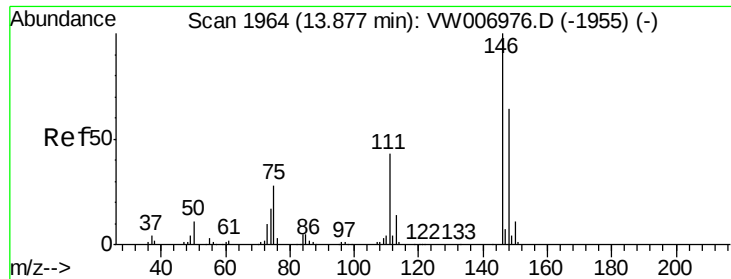
Tgt Ion: 117 Resp: 19089

Ion Ratio Lower Upper

117 100

201 73.4 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 22.15 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW1128SBS01

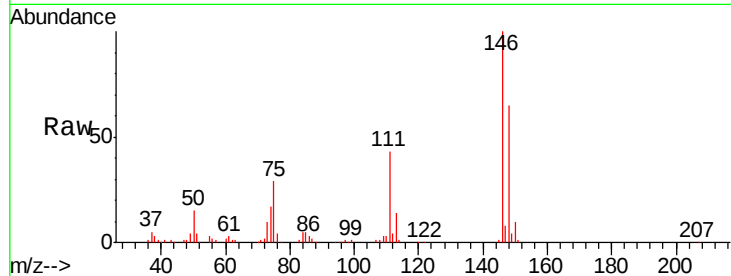
Tgt Ion:146 Resp: 52836

Ion Ratio Lower Upper

146 100

111 43.6 21.9 65.7

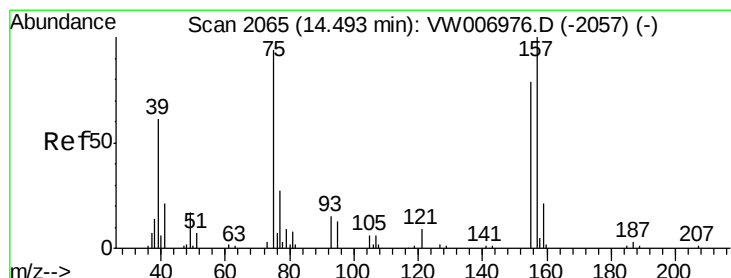
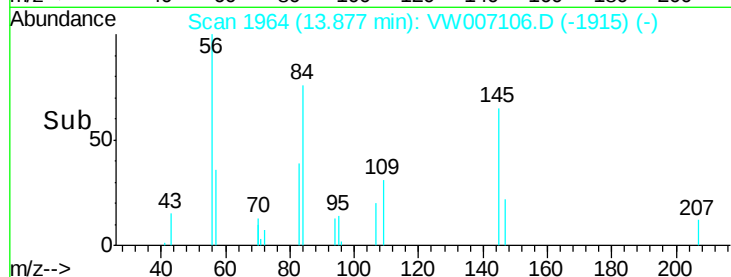
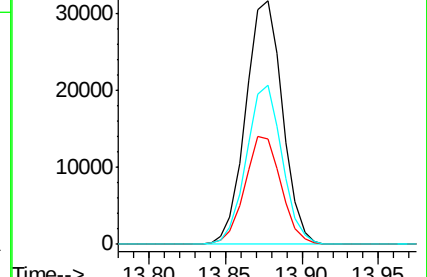
148 63.5 32.2 96.6



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: 21.50 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007106.D

Acq: 28 Nov 2018 12:10

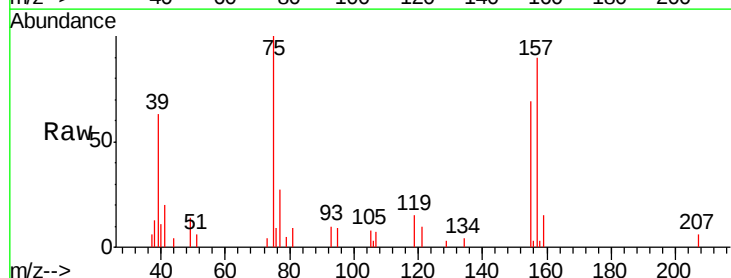
Tgt Ion: 75 Resp: 3001

Ion Ratio Lower Upper

75 100

155 90.2 42.6 127.8

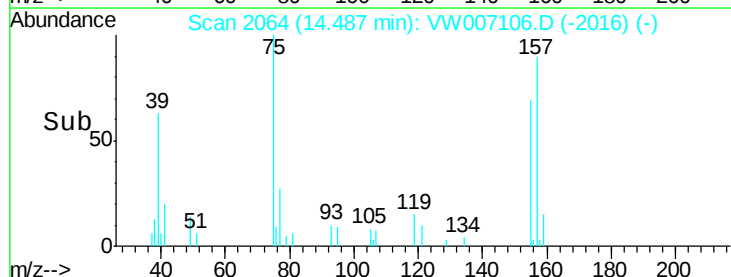
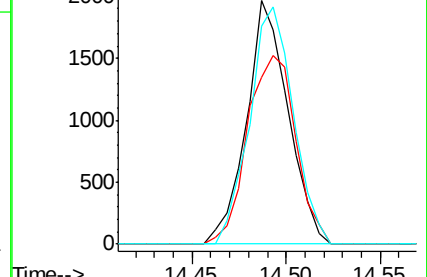
157 102.7 55.0 165.0

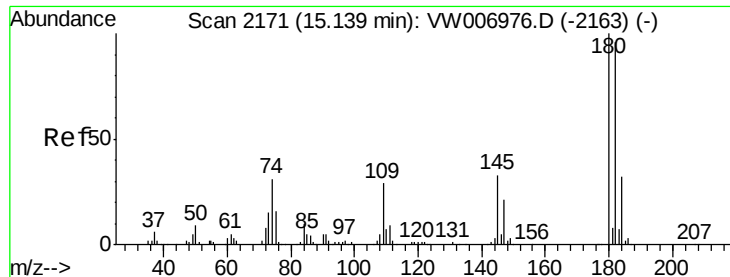


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

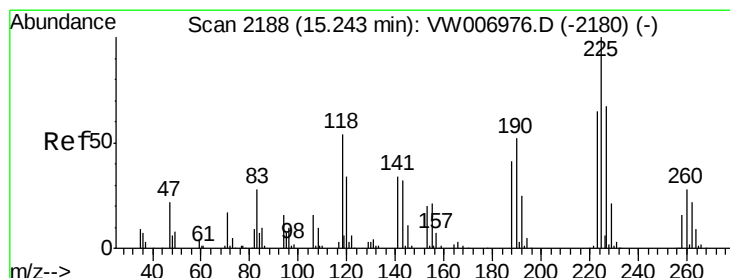
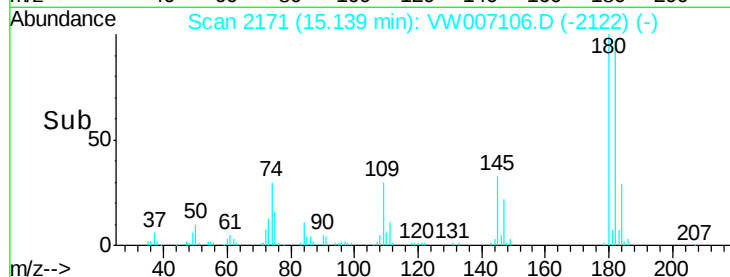
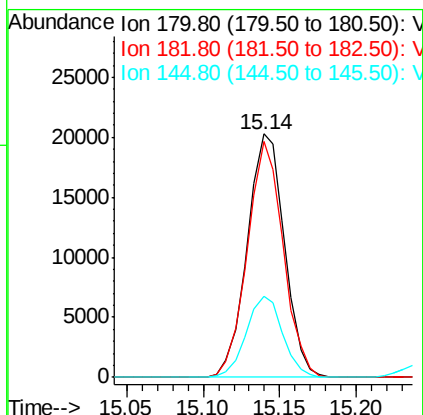
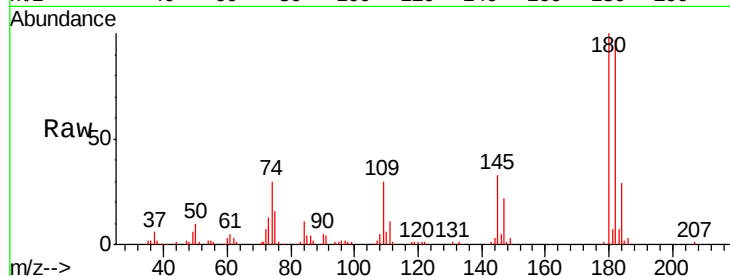




#93
 1,2,4-Trichlorobenzene
 Concen: 21.80 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

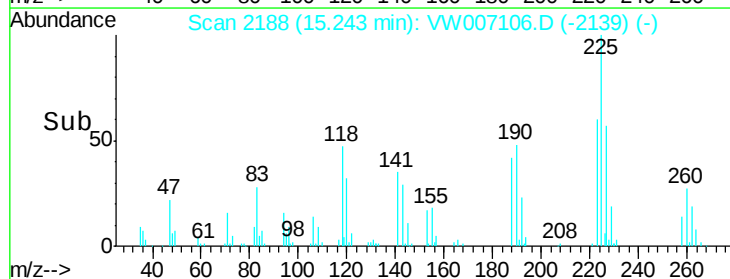
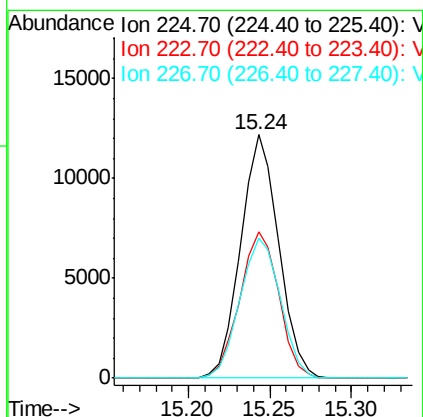
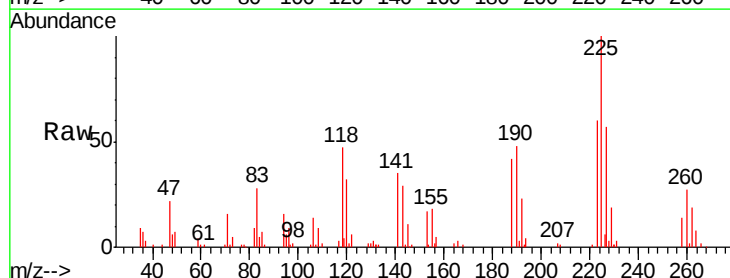
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1128SBS01

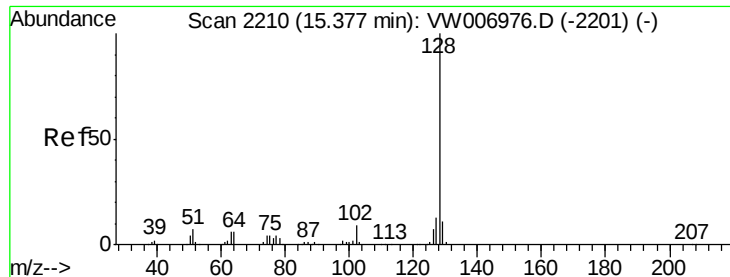
Tgt Ion:180 Resp: 34294
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.1 141.3
 145 32.7 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 23.13 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007106.D
 Acq: 28 Nov 2018 12:10

Tgt Ion:225 Resp: 19781
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.4 97.0
 227 61.0 31.9 95.5

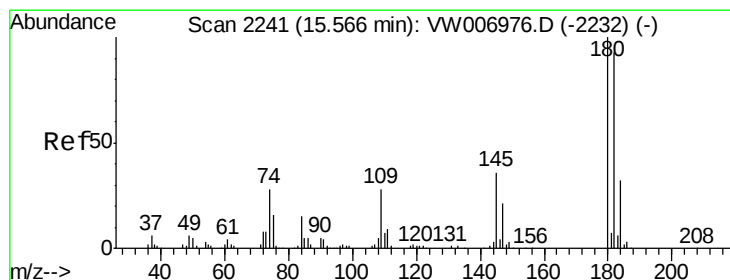
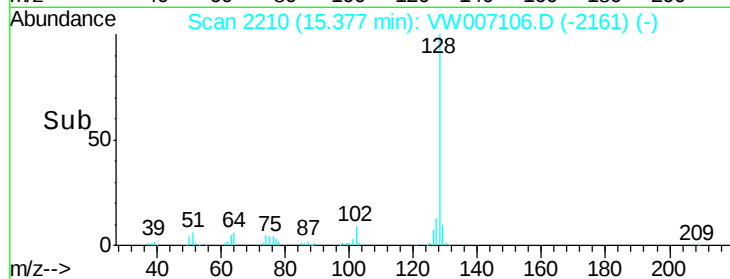
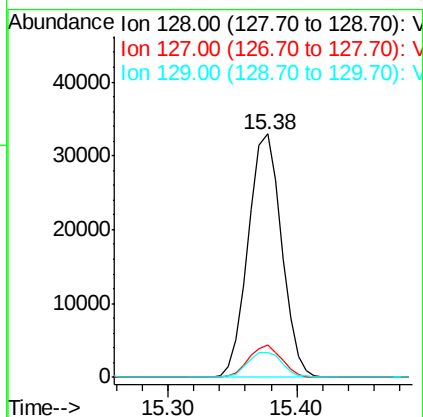
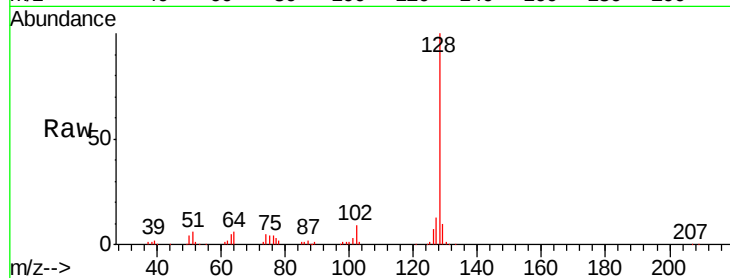




#95
Naphthalene
Concen: 20.70 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW1128SBS01

Tgt Ion:128 Resp: 59124
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.26 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007106.D
Acq: 28 Nov 2018 12:10

Tgt Ion:180 Resp: 27741
Ion Ratio Lower Upper
180 100
182 96.6 47.0 141.2
145 35.7 18.0 54.0

