

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006997.D
 Acq On : 21 Nov 2018 13:12
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Quant Time: Nov 21 16:26:02 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	113666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56429	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	51226	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.32	98	223506	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	86156	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	3030	2.70	ug/l	92
3) Chloromethane	2.21	50	6758	7.23	ug/l	90
4) Vinyl Chloride	2.36	62	9585	10.42	ug/l	94
5) Bromomethane	2.78	94	7273	14.81	ug/l	97
6) Chloroethane	2.92	64	7331	14.45	ug/l	93
7) Trichlorofluoromethane	3.26	101	30225	16.70	ug/l	100
8) Diethyl Ether	3.70	74	11140	19.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22453	19.14	ug/l	98
10) Methyl Iodide	4.28	142	19145	14.26	ug/l	97
11) Tert butyl alcohol	5.23	59	6786	93.67	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	18346	17.83	ug/l	98
13) Acrolein	3.91	56	7681	103.24	ug/l	100
14) Allyl chloride	4.68	41	32129	18.83	ug/l	99
15) Acrylonitrile	5.38	53	21618	98.65	ug/l	99
16) Acetone	4.15	43	16151	99.96	ug/l	94
17) Carbon Disulfide	4.39	76	48046	14.44	ug/l	98
18) Methyl Acetate	4.68	43	10984	19.09	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	54465	20.27	ug/l	100
20) Methylene Chloride	4.92	84	30556	20.55	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	23575	19.67	ug/l	94
22) Diisopropyl ether	6.32	45	67049	20.19	ug/l	99
23) Vinyl Acetate	6.26	43	180466	102.32	ug/l	99
24) 1,1-Dichloroethane	6.22	63	39243	19.42	ug/l	99
25) 2-Butanone	7.18	43	27949	101.00	ug/l	98
26) 2,2-Dichloropropane	7.17	77	39720	21.86	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25329	19.85	ug/l	97
28) Bromochloromethane	7.52	49	14546	19.26	ug/l	96
29) Tetrahydrofuran	7.54	42	16890	94.24	ug/l	99
30) Chloroform	7.68	83	43622	20.32	ug/l	98
31) Cyclohexane	7.96	56	42930	20.03	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	41958	21.70	ug/l	99
36) 1,1-Dichloropropene	8.09	75	36375	21.14	ug/l	99
37) Ethyl Acetate	7.26	43	13261	21.27	ug/l	98
38) Carbon Tetrachloride	8.07	117	36213	21.98	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43302	20.11	ug/l	98
40) Benzene	8.33	78	95406	20.54	ug/l	100
41) Methacrylonitrile	7.49	41	7317	18.89	ug/l	97
42) 1,2-Dichloroethane	8.40	62	27342	20.27	ug/l	99
43) Isopropyl Acetate	8.43	43	24345	20.49	ug/l	99
44) Trichloroethene	9.09	130	27551	21.16	ug/l	99
45) 1,2-Dichloropropane	9.37	63	24534	21.43	ug/l	98
46) Dibromomethane	9.46	93	11728	20.45	ug/l	100
47) Bromodichloromethane	9.65	83	32670	21.62	ug/l	99
48) Methyl methacrylate	9.44	41	11051	19.29	ug/l	98
49) 1,4-Dioxane	9.48	88	3082	361.62	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	61117	101.77	ug/l	100
52) Toluene	10.39	92	64822	20.51	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30308	20.71	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	36831	20.83	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	17646	20.92	ug/l	96
56) Ethyl methacrylate	10.65	69	19918	20.34	ug/l	97
57) 1,3-Dichloropropane	10.93	76	29704	21.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	52875	103.33	ug/l	100
59) 2-Hexanone	10.97	43	41484	100.88	ug/l	100
60) Dibromochloromethane	11.13	129	20181	20.99	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15902	20.61	ug/l	97
64) Tetrachloroethene	10.87	164	22357	21.25	ug/l	98
65) Chlorobenzene	11.66	112	72530	21.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	22406	21.70	ug/l	99
67) Ethyl Benzene	11.73	91	133450	21.29	ug/l	97
68) m/p-Xylenes	11.84	106	104265	42.39	ug/l	100
69) o-Xylene	12.17	106	49068	21.16	ug/l	100
70) Styrene	12.18	104	78481	21.26	ug/l	99
71) Bromoform	12.35	173	10053	20.67	ug/l #	98
73) Isopropylbenzene	12.47	105	136787	21.40	ug/l	100
74) N-amyl acetate	12.27	43	22402	20.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17416	20.47	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23659	36.60	ug/l #	100
77) Bromobenzene	12.75	156	29095	21.19	ug/l	96
78) n-propylbenzene	12.81	91	164291	21.21	ug/l	100
79) 2-Chlorotoluene	12.90	91	93496	20.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	116513	21.07	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4994	19.40	ug/l	91
82) 4-Chlorotoluene	12.99	91	99641	21.26	ug/l	99
83) tert-Butylbenzene	13.21	119	101881	21.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	116853	21.21	ug/l	99
85) sec-Butylbenzene	13.39	105	145881	21.57	ug/l	99
86) p-Isopropyltoluene	13.51	119	127373	21.35	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	59755	21.32	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	58330	20.87	ug/l	98
89) n-Butylbenzene	13.83	91	120079	21.39	ug/l	100
90) Hexachloroethane	14.10	117	18023	20.69	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51976	21.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2939	20.45	ug/l	92

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

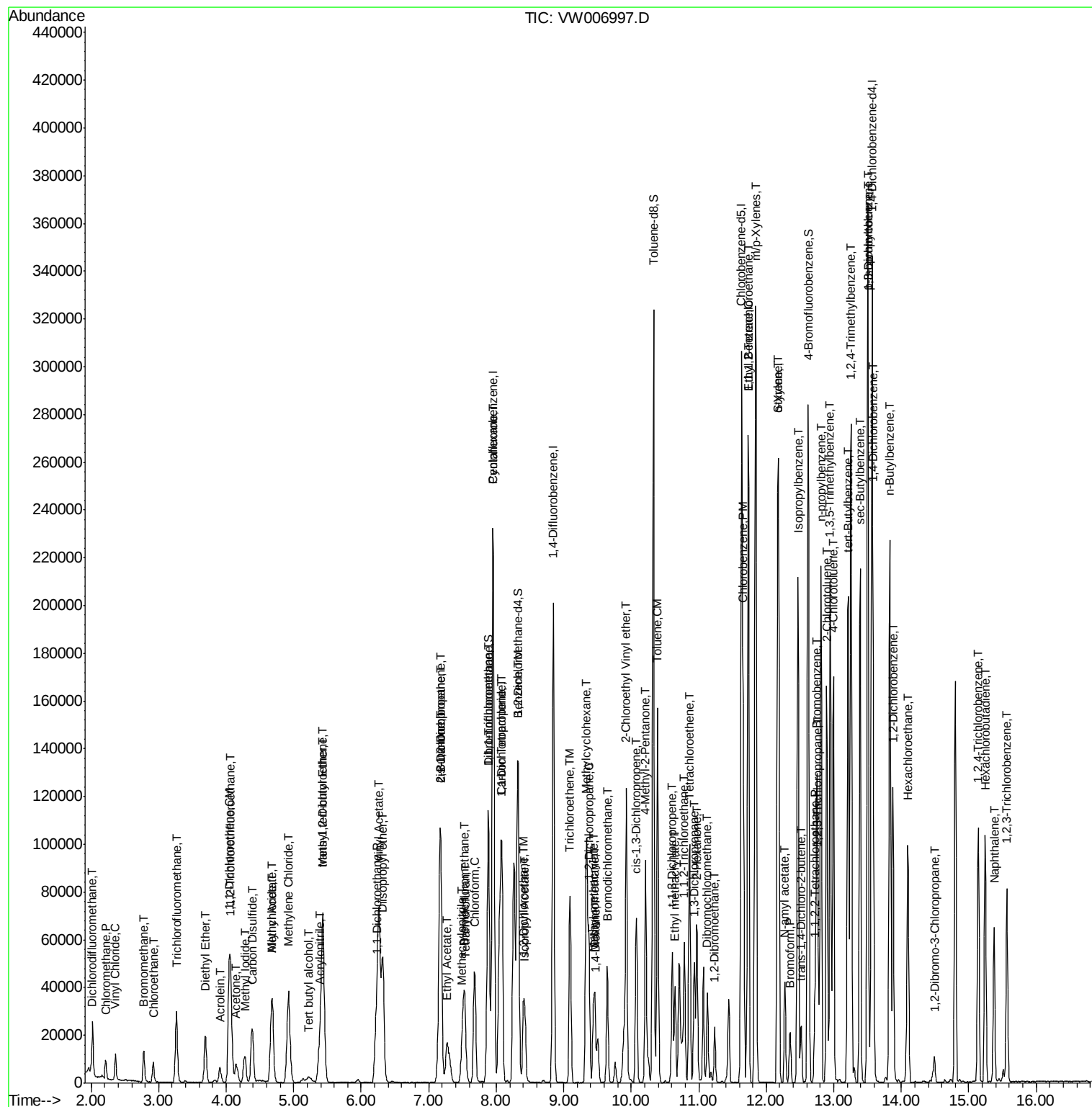
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33335	20.58	ug/l	99
94) Hexachlorobutadiene	15.24	225	18194	20.66	ug/l	99
95) Naphthalene	15.38	128	58232	19.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27764	20.66	ug/l	100

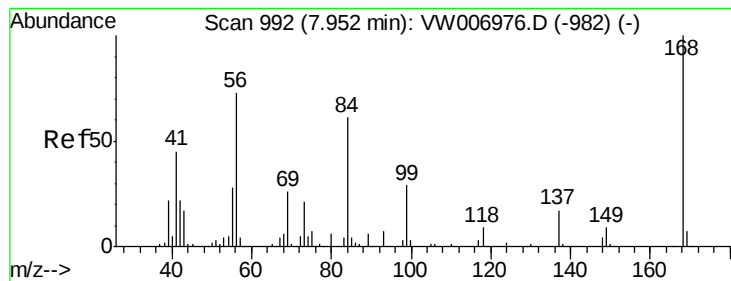
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
Data File : VW006997.D
Acq On : 21 Nov 2018 13:12
Operator : VAY/AP
Sample : VW1122SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

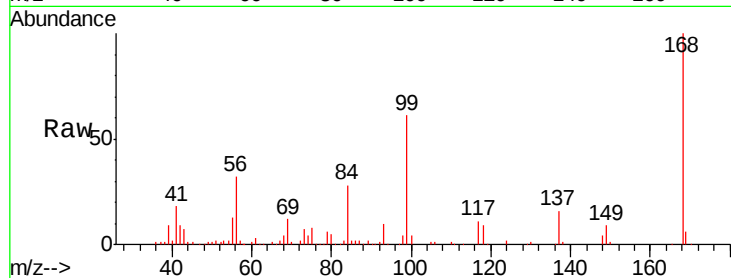
VW1122SBSD01

Tgt Ion: 168 Resp: 113666

Ion Ratio Lower Upper

168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

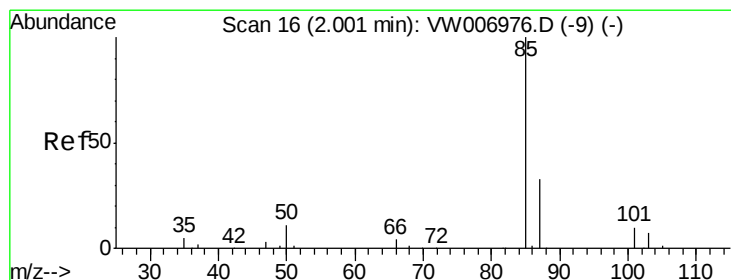
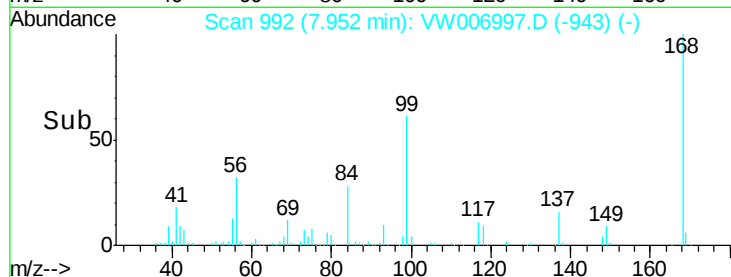
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.70 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006997.D

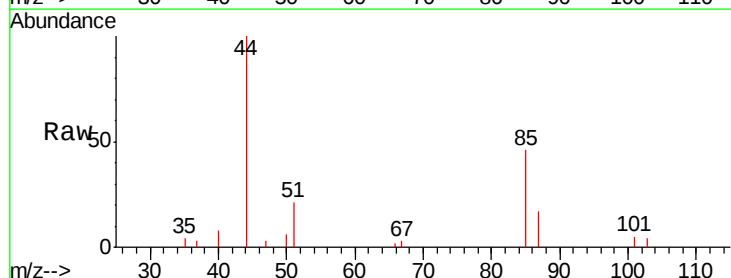
Acq: 21 Nov 2018 13:12

Tgt Ion: 85 Resp: 3030

Ion Ratio Lower Upper

85 100

87 37.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

2000

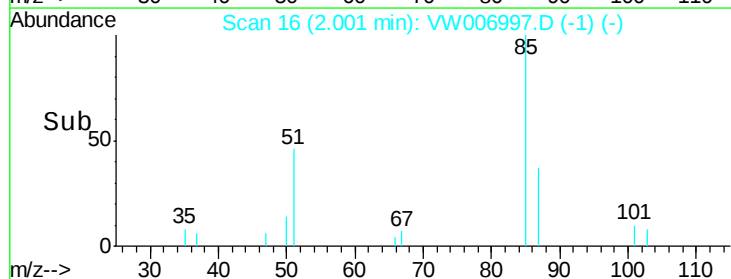
1500

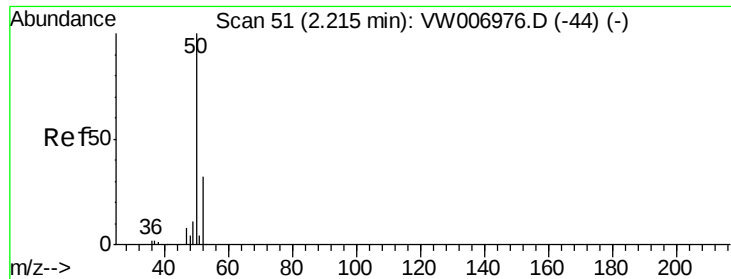
1000

500

0

Time-->





#3

Chloromethane

Concen: 7.23 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

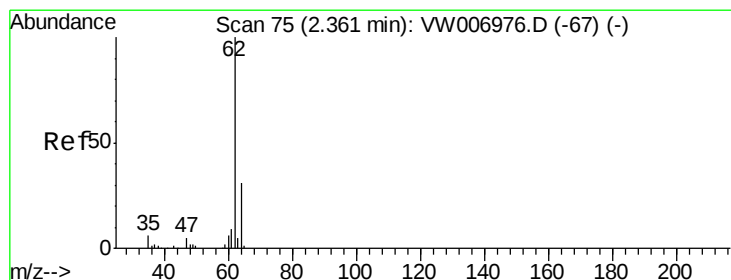
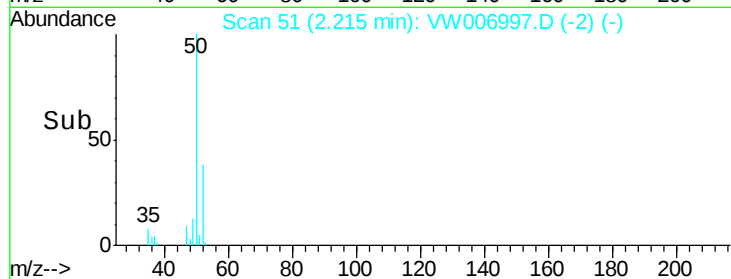
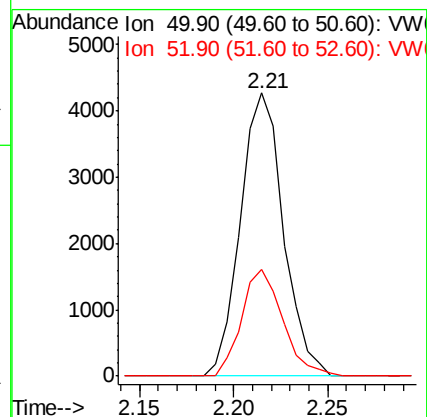
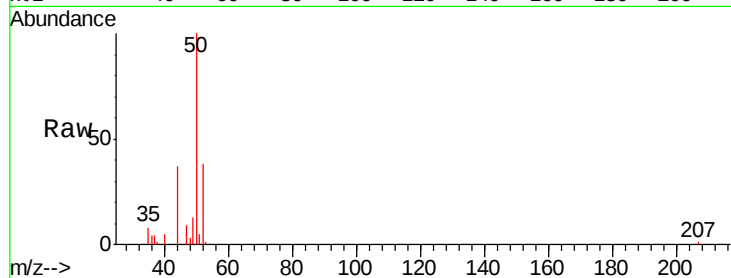
VW1122SBSD01

Tgt Ion: 50 Resp: 6758

Ion Ratio Lower Upper

50 100

52 37.6 25.7 38.5



#4

Vinyl Chloride

Concen: 10.42 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006997.D

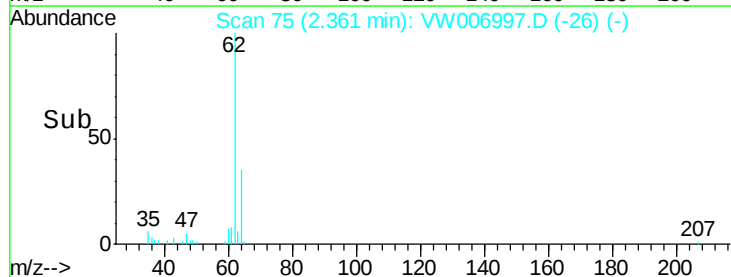
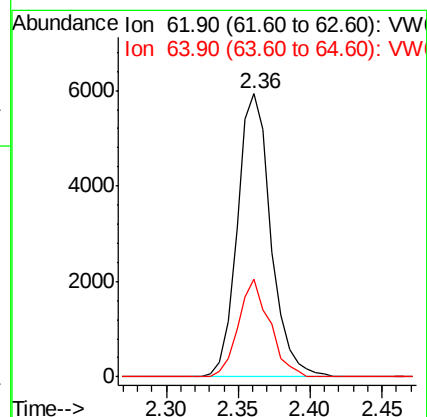
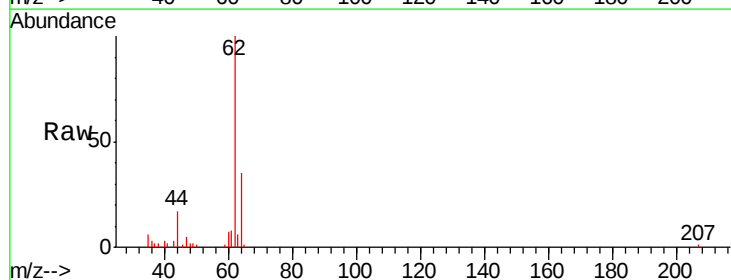
Acq: 21 Nov 2018 13:12

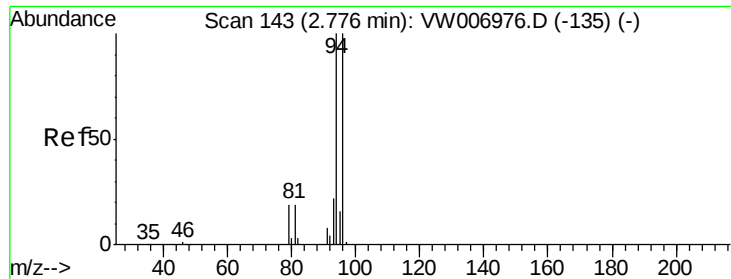
Tgt Ion: 62 Resp: 9585

Ion Ratio Lower Upper

62 100

64 34.7 25.2 37.8





#5

Bromomethane

Concen: 14.81 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

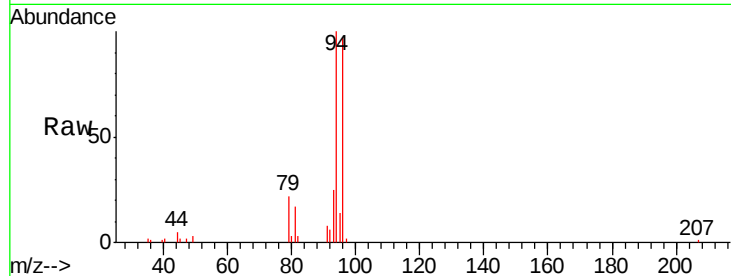
VW1122SBSD01

Tgt Ion: 94 Resp: 7273

Ion Ratio Lower Upper

94 100

96 97.0 80.2 120.2

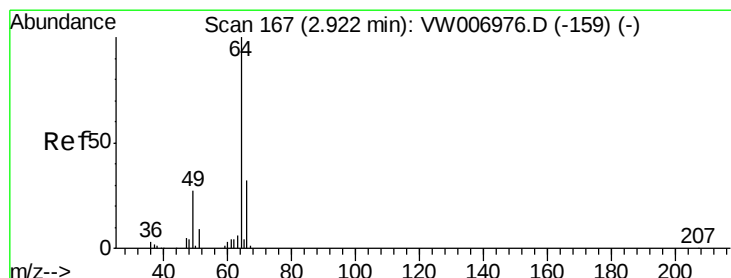
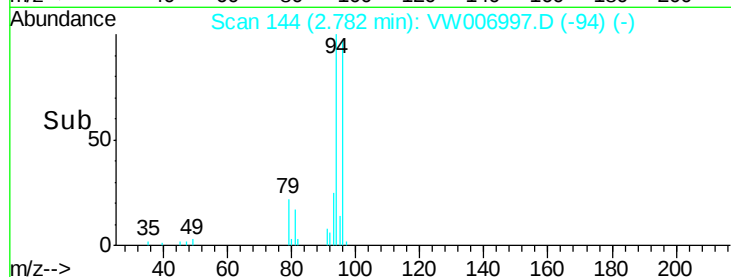


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

Time-->



#6

Chloroethane

Concen: 14.45 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006997.D

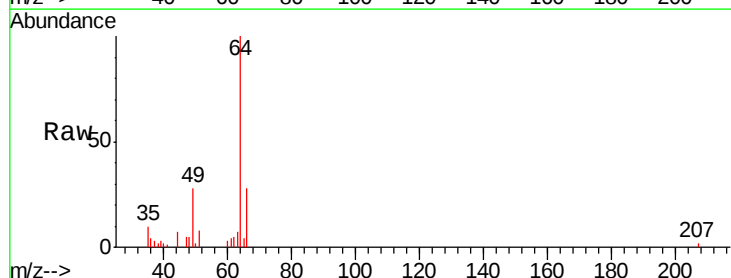
Acq: 21 Nov 2018 13:12

Tgt Ion: 64 Resp: 7331

Ion Ratio Lower Upper

64 100

66 27.8 25.3 37.9

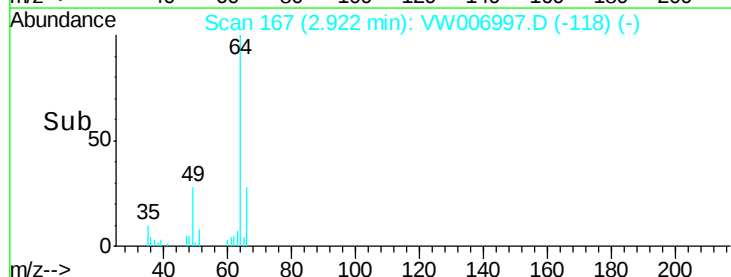


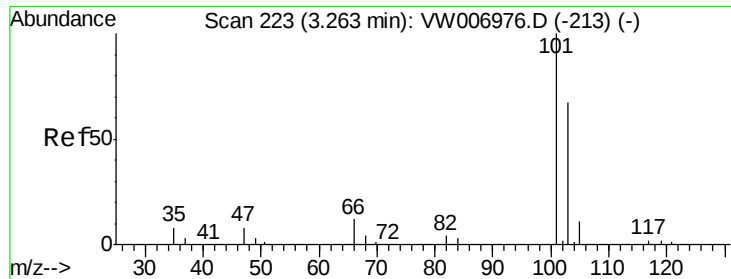
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

Time-->



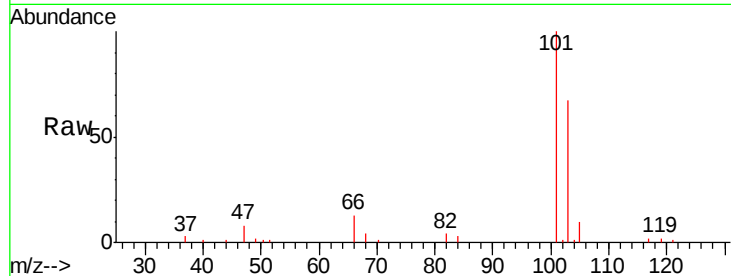


#7

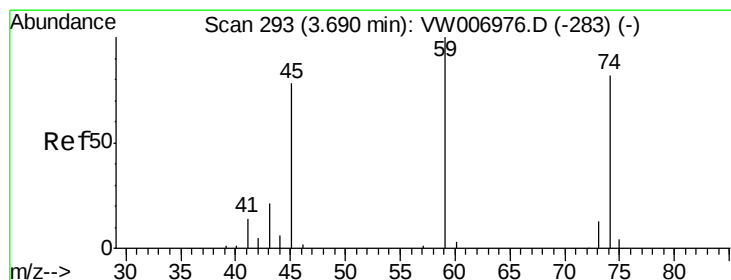
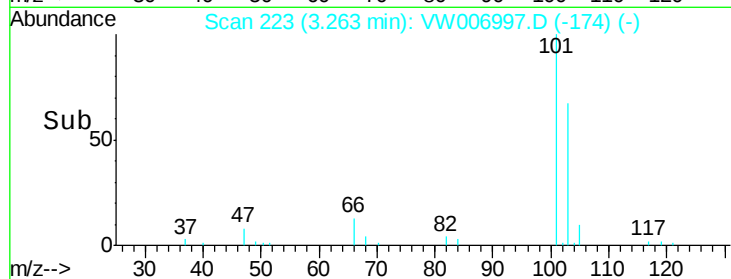
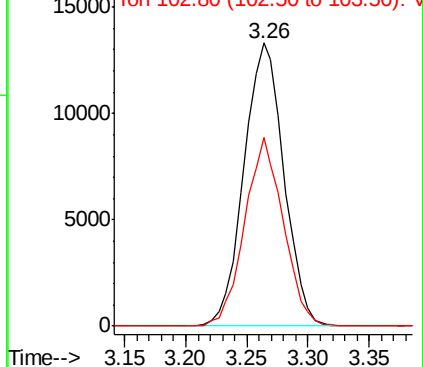
Trichlorofluoromethane
 Concen: 16.70 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tgt Ion: 101 Resp: 30225
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.4 80.2



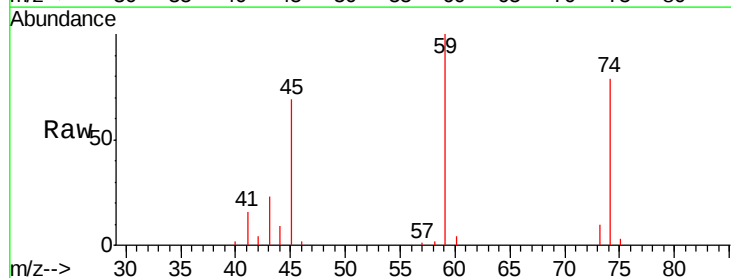
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



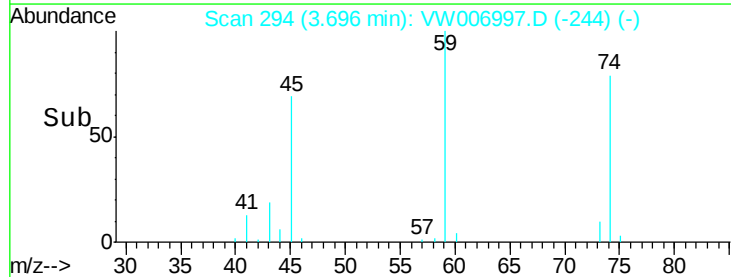
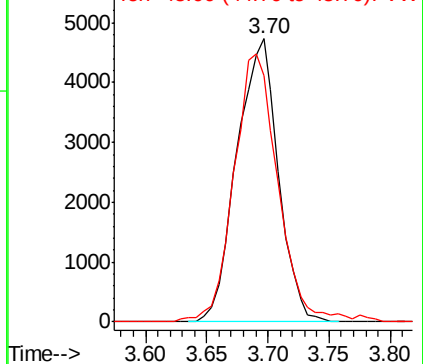
#8

Diethyl Ether
 Concen: 19.11 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 74 Resp: 11140
 Ion Ratio Lower Upper
 74 100
 45 100.2 48.4 145.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.14 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

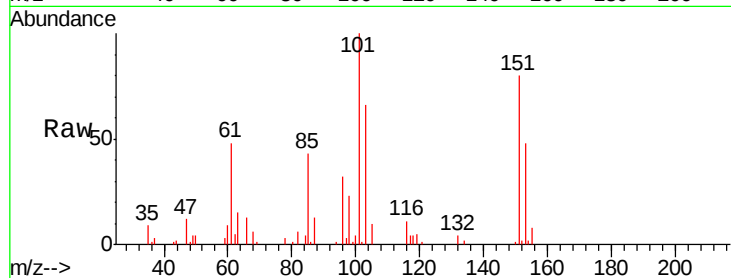
Tgt Ion:101 Resp: 22453

Ion Ratio Lower Upper

101 100

85 43.9 34.3 51.5

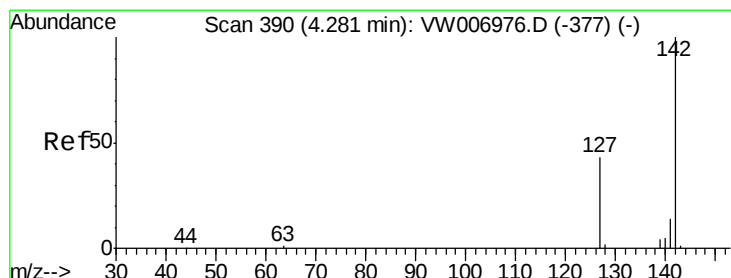
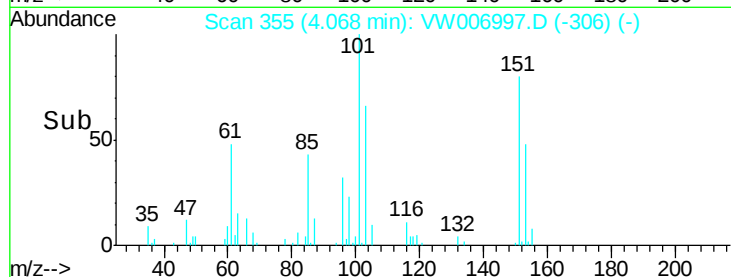
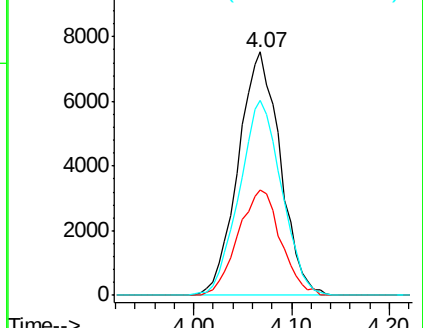
151 80.8 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.26 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

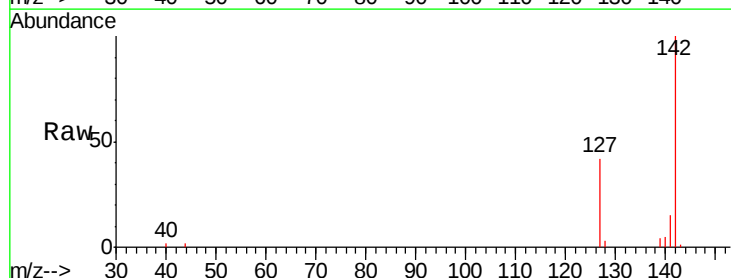
Tgt Ion:142 Resp: 19145

Ion Ratio Lower Upper

142 100

127 42.1 35.3 52.9

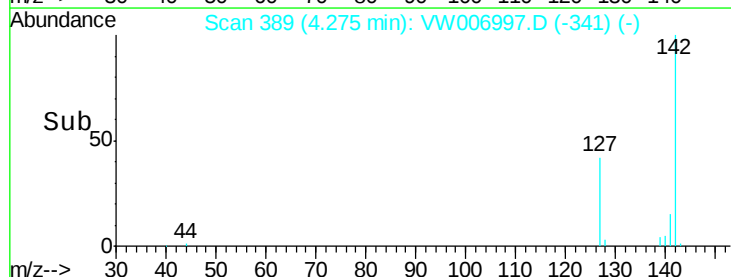
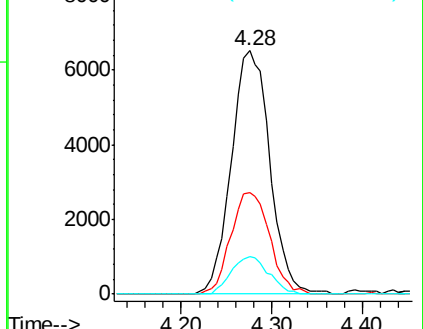
141 15.0 11.7 17.5

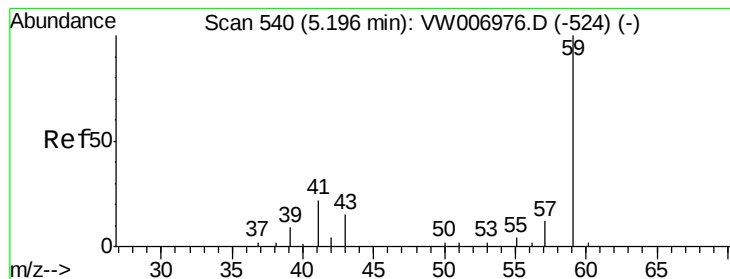


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.67 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.04 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

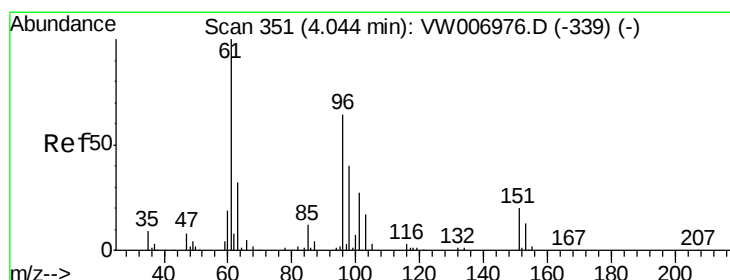
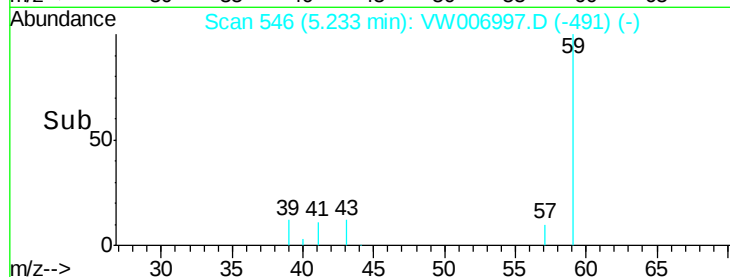
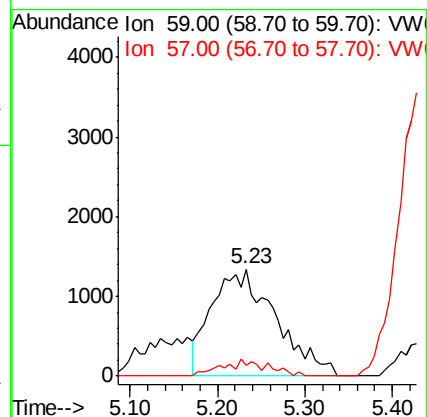
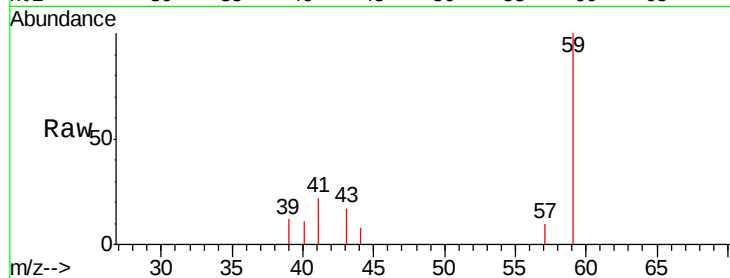
VW1122SBS01

Tgt Ion: 59 Resp: 6786

Ion Ratio Lower Upper

59 100

57 8.3 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 17.83 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

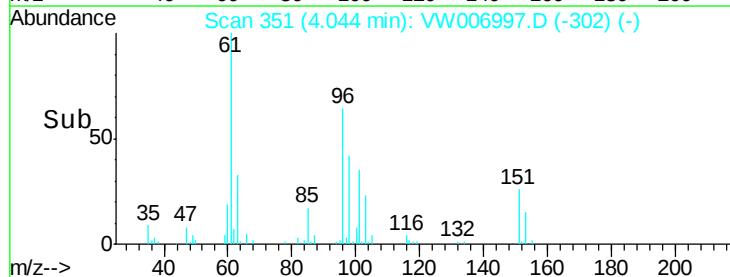
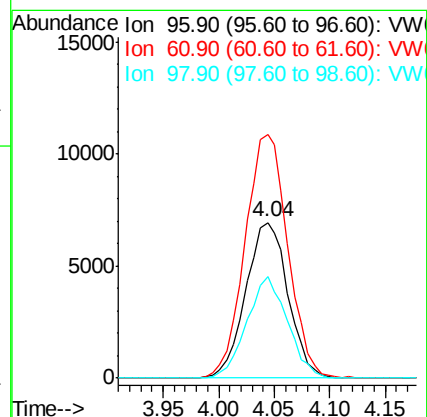
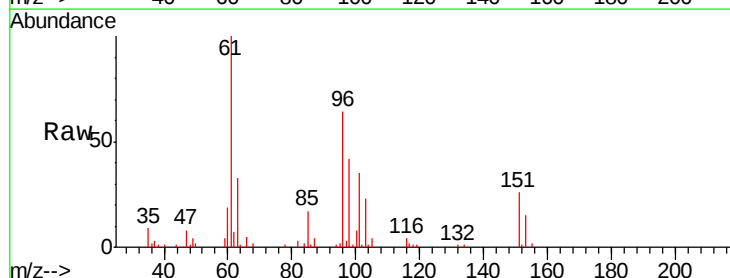
Tgt Ion: 96 Resp: 18346

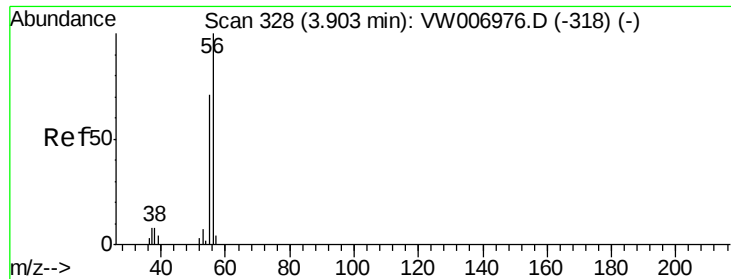
Ion Ratio Lower Upper

96 100

61 156.8 124.3 186.5

98 65.2 49.4 74.2





#13

Acrolein

Concen: 103.24 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

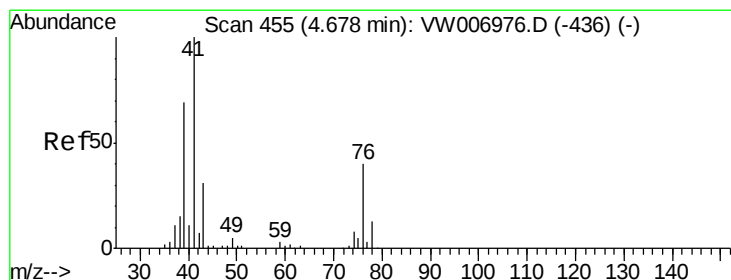
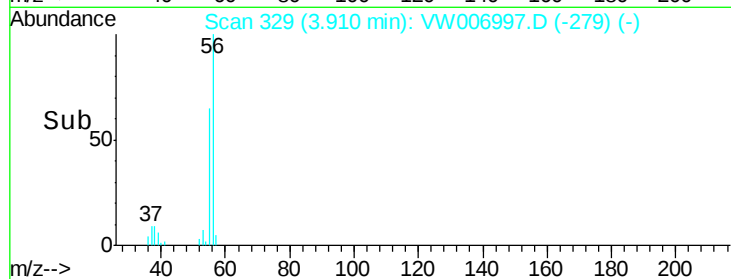
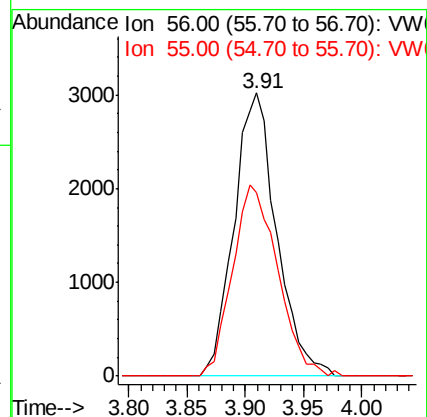
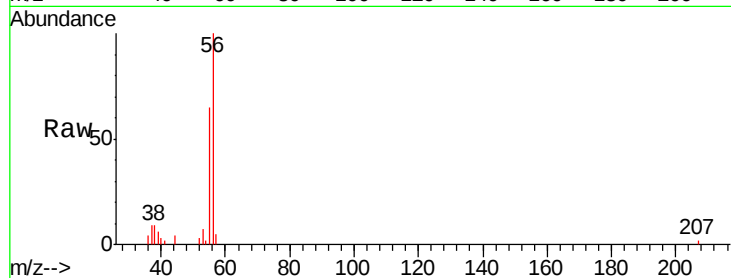
VW1122SBS01

Tgt Ion: 56 Resp: 7681

Ion Ratio Lower Upper

56 100

55 71.7 57.5 86.3



#14

Allyl chloride

Concen: 18.83 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

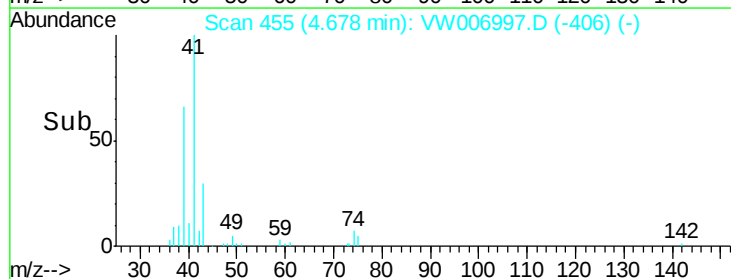
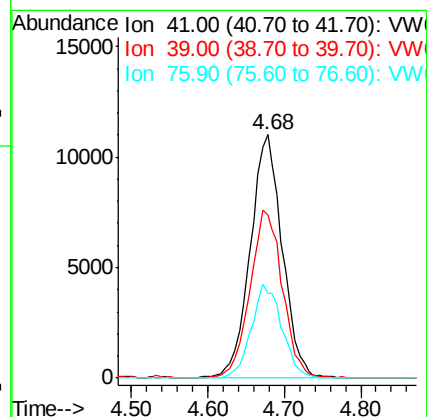
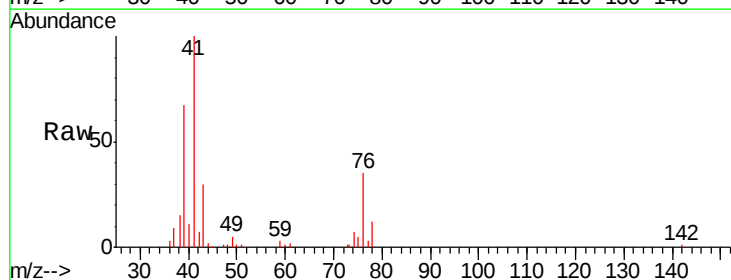
Tgt Ion: 41 Resp: 32129

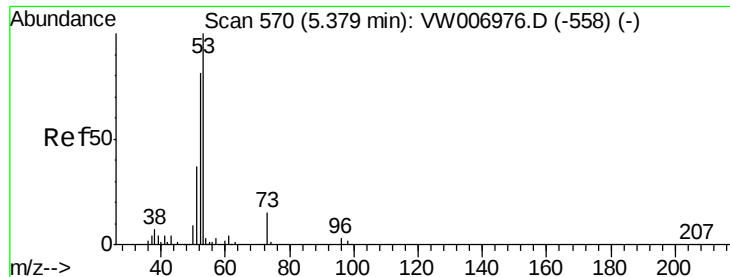
Ion Ratio Lower Upper

41 100

39 69.9 55.4 83.2

76 36.6 29.6 44.4





#15

Acrylonitrile

Concen: 98.65 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

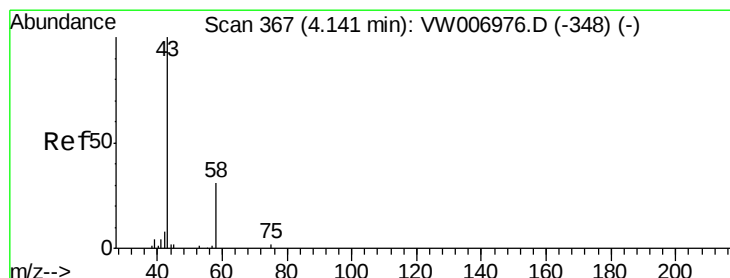
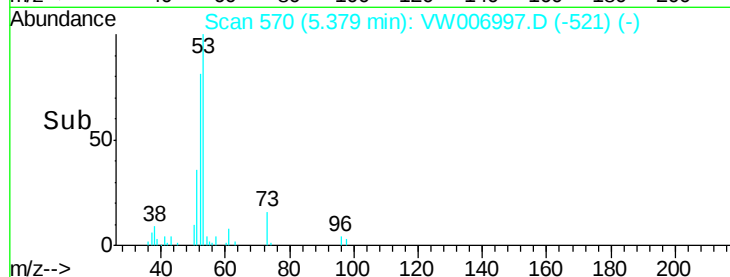
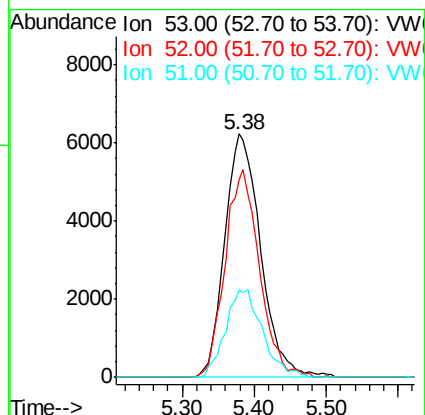
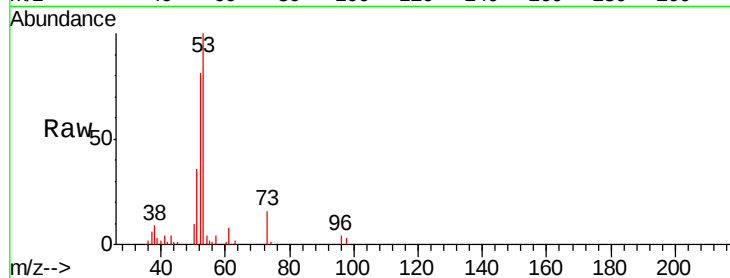
Tgt Ion: 53 Resp: 21618

Ion Ratio Lower Upper

53 100

52 81.3 65.7 98.5

51 37.0 29.9 44.9



#16

Acetone

Concen: 99.96 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006997.D

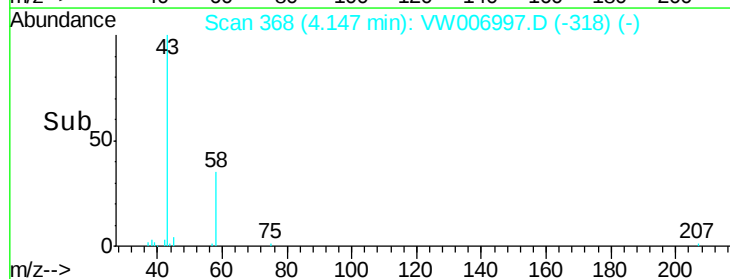
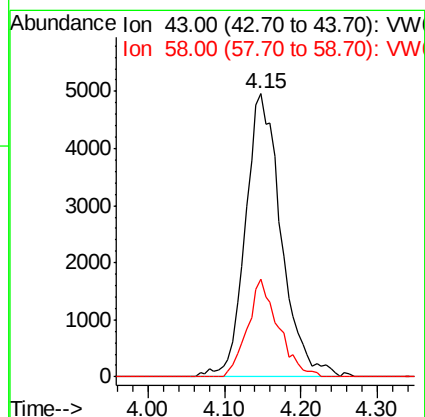
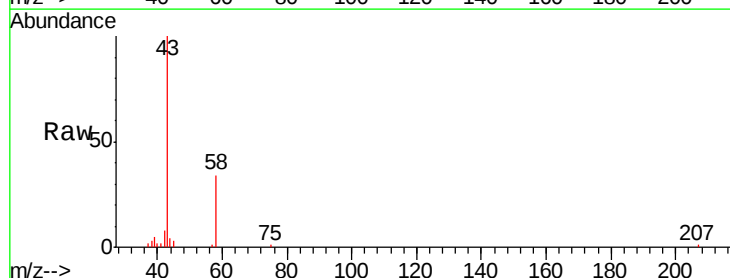
Acq: 21 Nov 2018 13:12

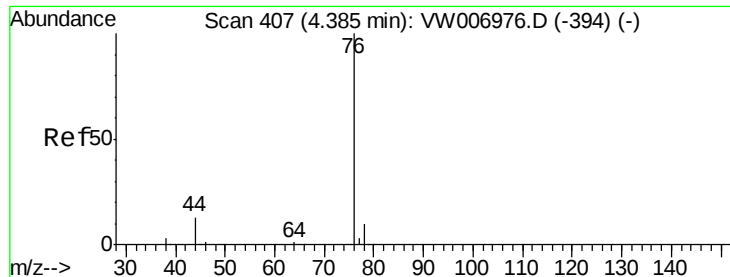
Tgt Ion: 43 Resp: 16151

Ion Ratio Lower Upper

43 100

58 34.4 24.8 37.2

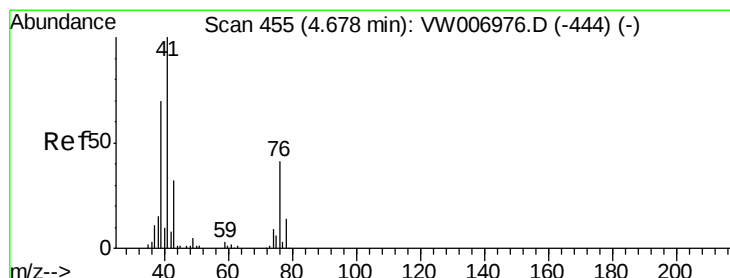
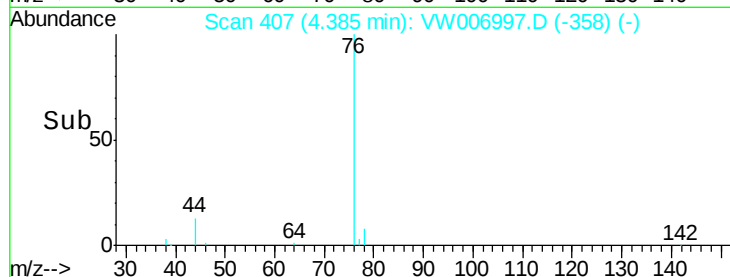
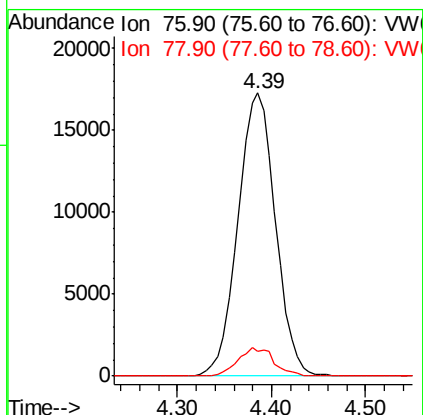
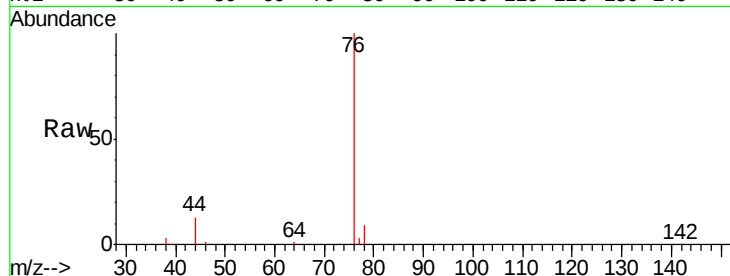




#17
Carbon Disulfide
Concen: 14.44 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

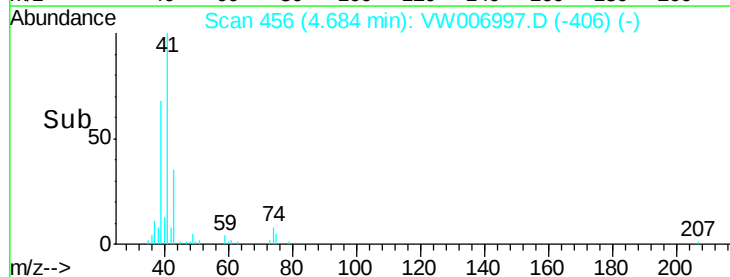
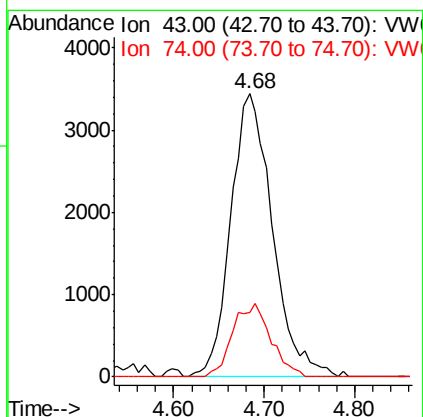
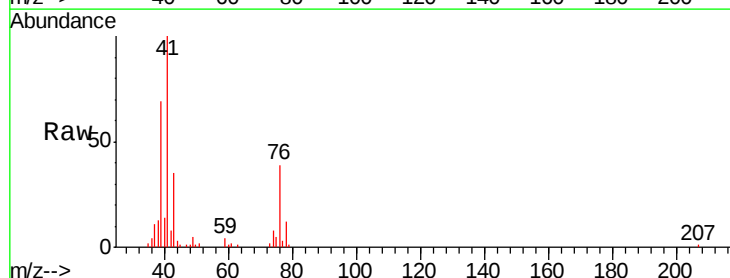
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion: 76 Resp: 48046
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 19.09 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 43 Resp: 10984
Ion Ratio Lower Upper
43 100
74 23.6 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 20.27 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

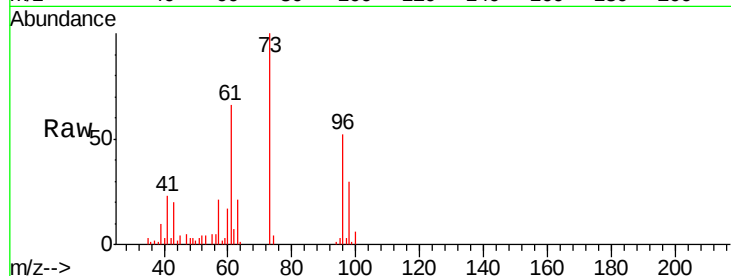
VW1122SBSD01

Tgt Ion: 73 Resp: 54465

Ion Ratio Lower Upper

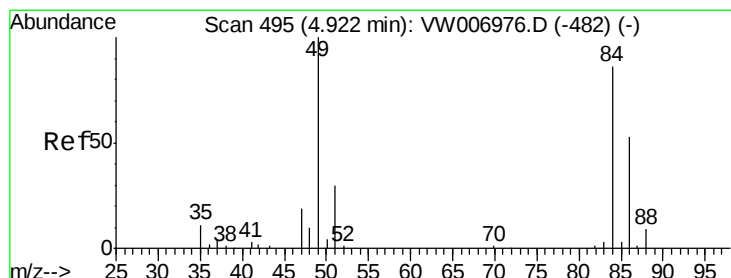
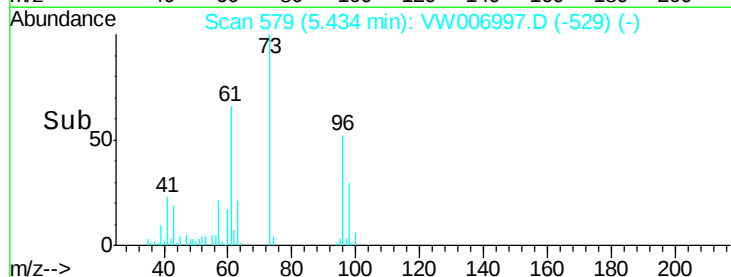
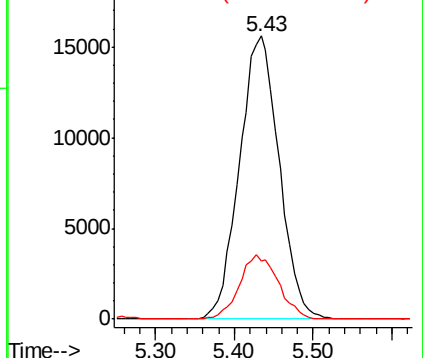
73 100

57 20.7 16.7 25.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 20.55 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion: 84 Resp: 30556

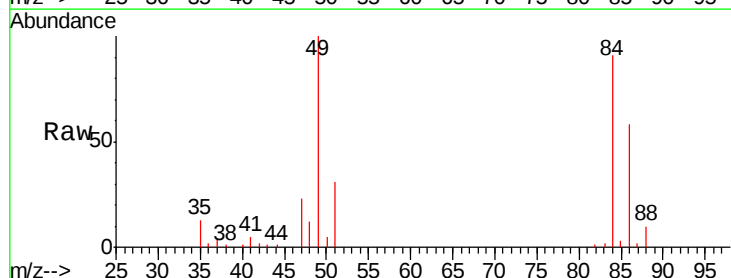
Ion Ratio Lower Upper

84 100

49 109.6 93.4 140.0

51 33.6 28.4 42.6

86 63.9 49.8 74.8

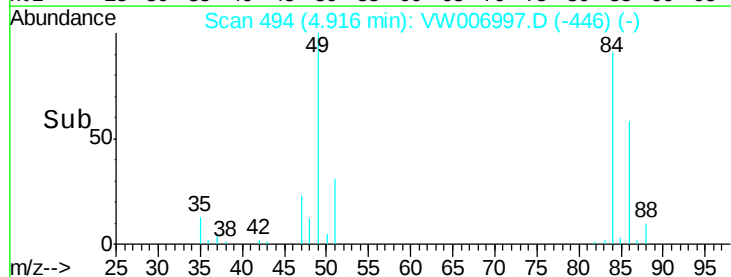
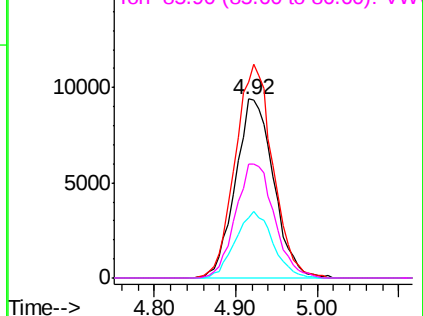


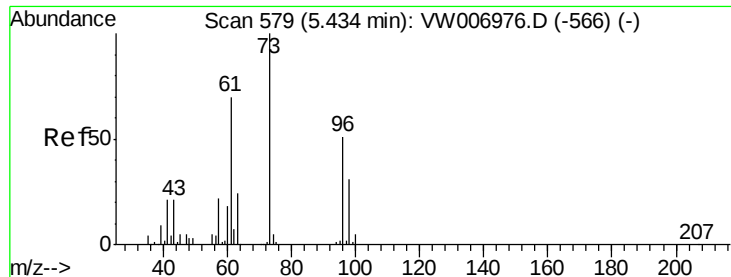
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 19.67 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

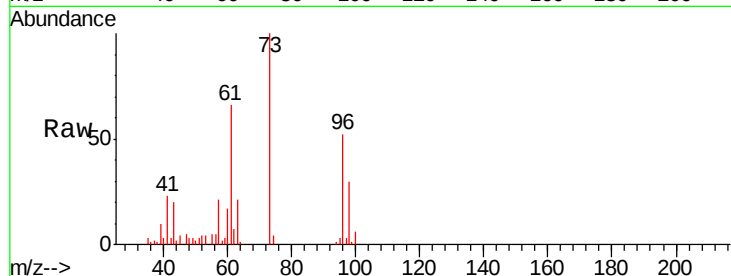
Tgt Ion: 96 Resp: 23575

Ion Ratio Lower Upper

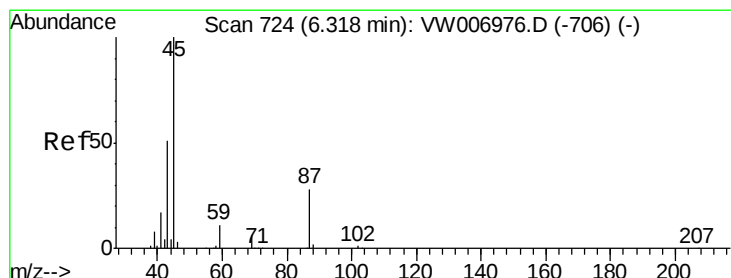
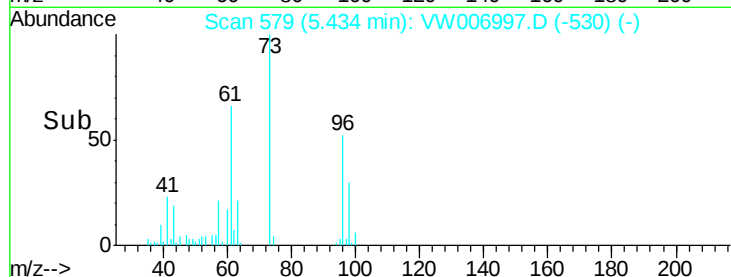
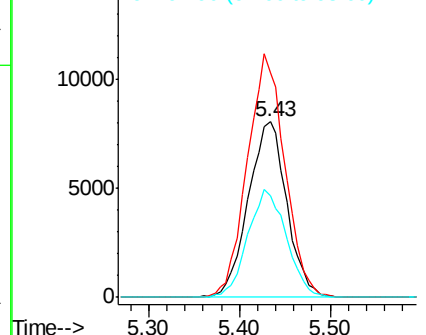
96 100

61 127.9 109.4 164.0

98 57.5 48.3 72.5



Abundance Ion 95.90 (95.60 to 96.60): VW
15000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.19 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion: 45 Resp: 67049

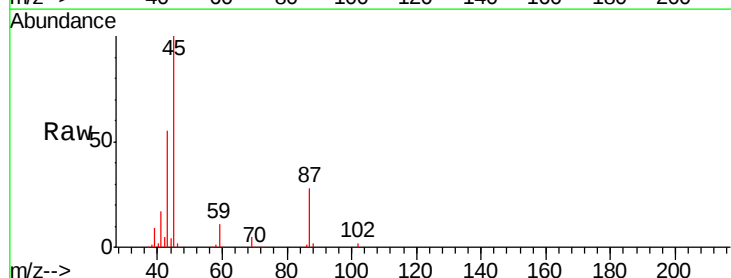
Ion Ratio Lower Upper

45 100

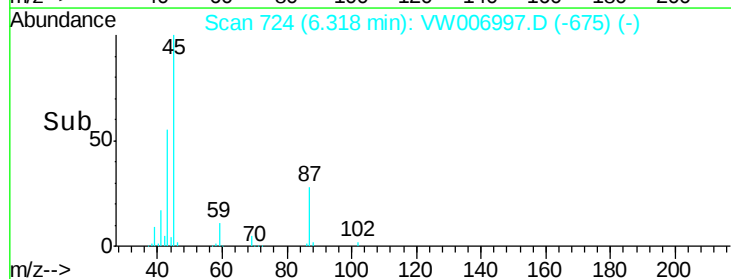
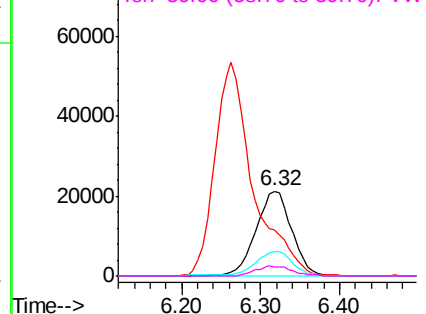
43 54.2 42.5 63.7

87 28.5 22.8 34.2

59 11.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
80000 Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 102.32 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

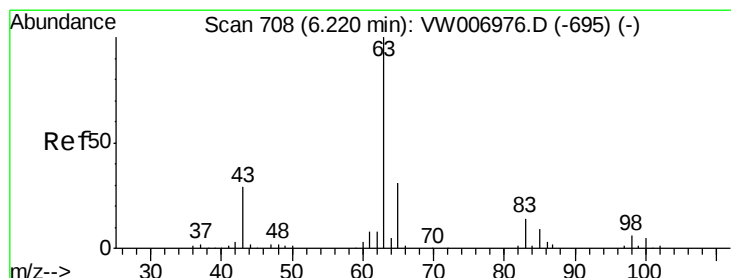
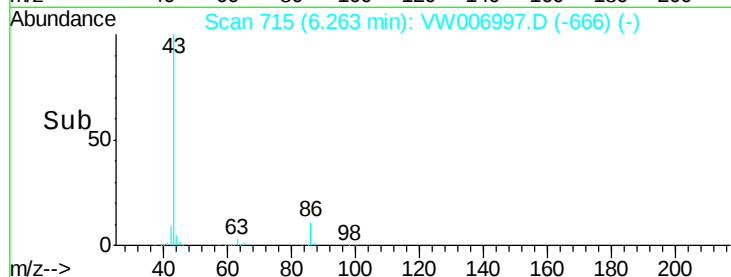
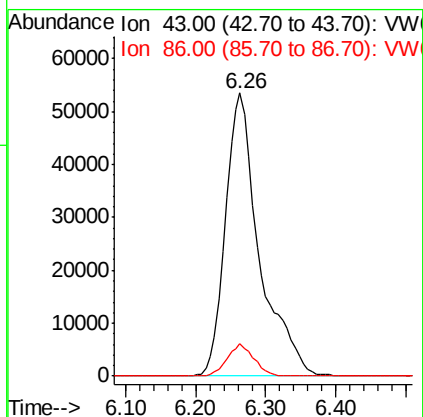
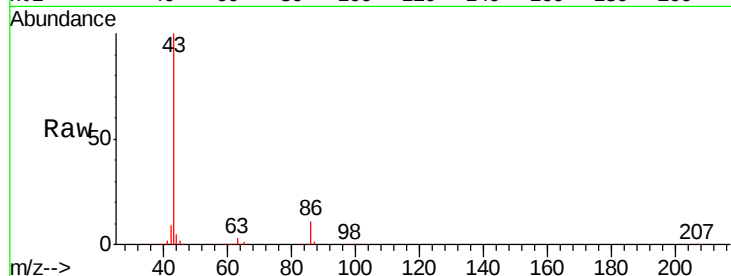
VW1122SBSD01

Tgt Ion: 43 Resp: 180466

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.42 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

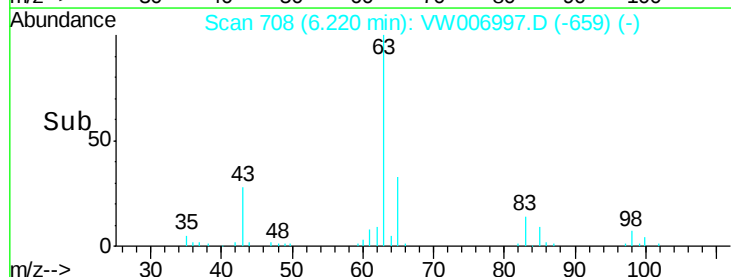
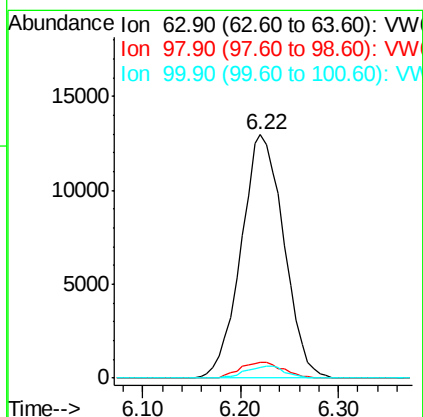
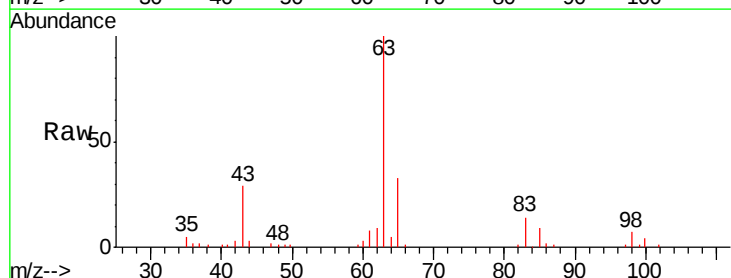
Tgt Ion: 63 Resp: 39243

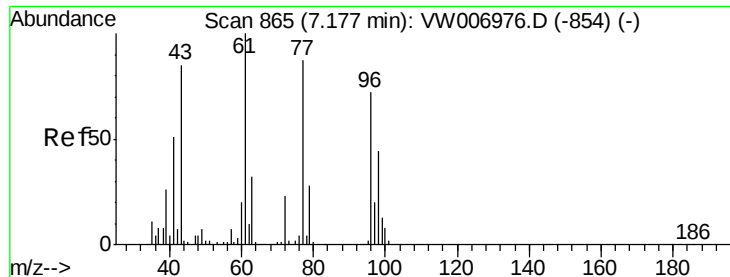
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 101.00 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

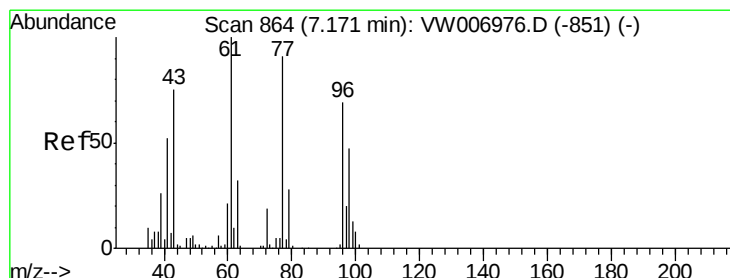
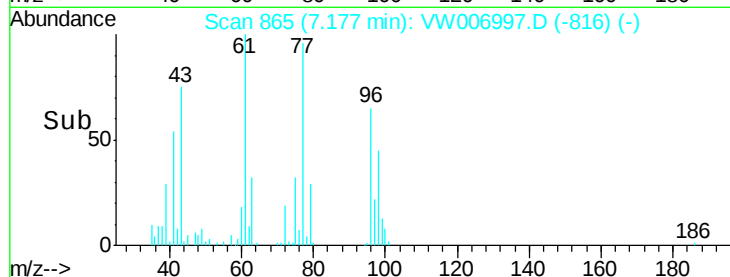
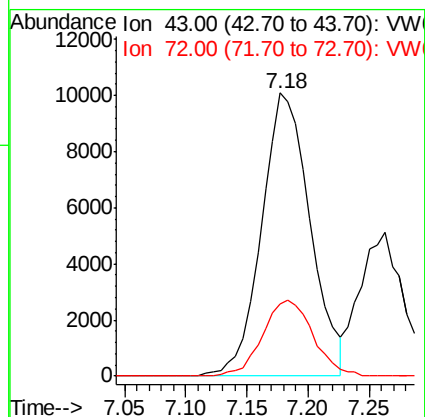
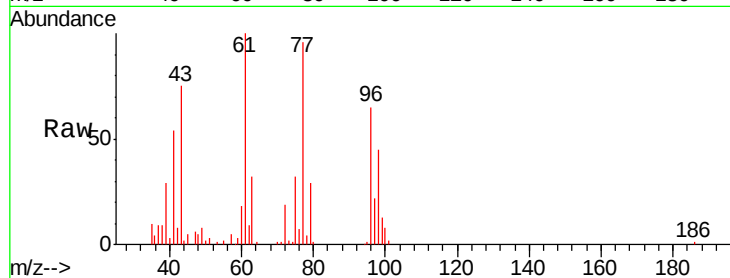
VW1122SBSD01

Tgt Ion: 43 Resp: 27949

Ion Ratio Lower Upper

43 100

72 25.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.86 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006997.D

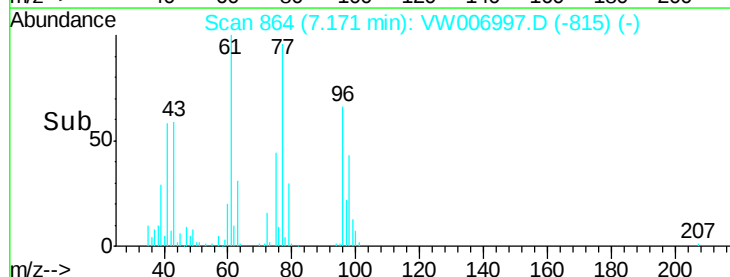
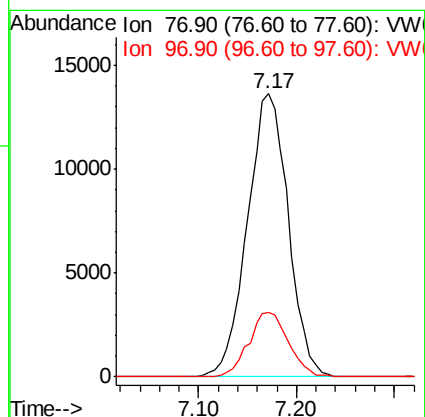
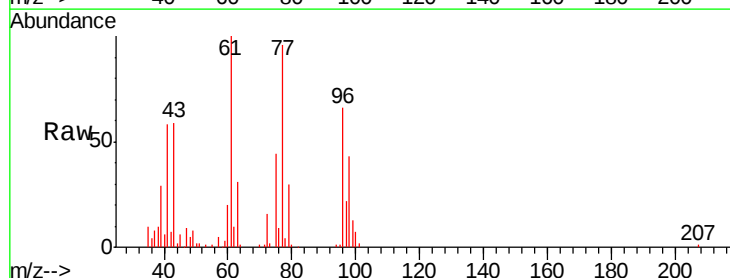
Acq: 21 Nov 2018 13:12

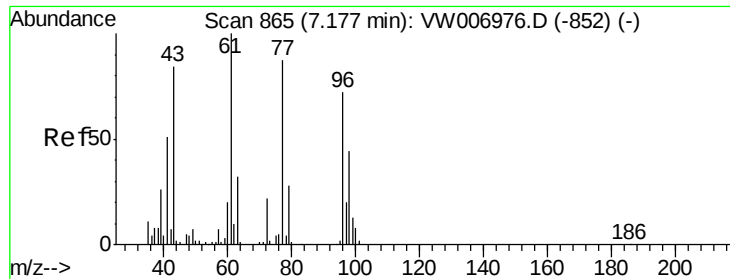
Tgt Ion: 77 Resp: 39720

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1



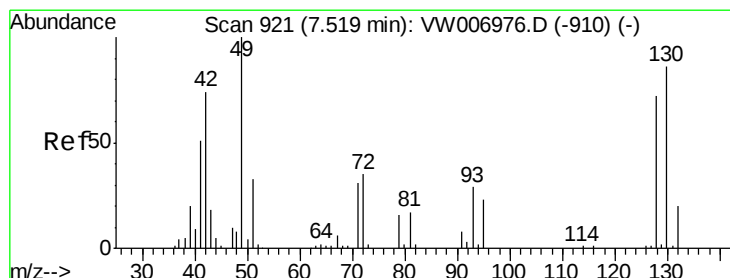
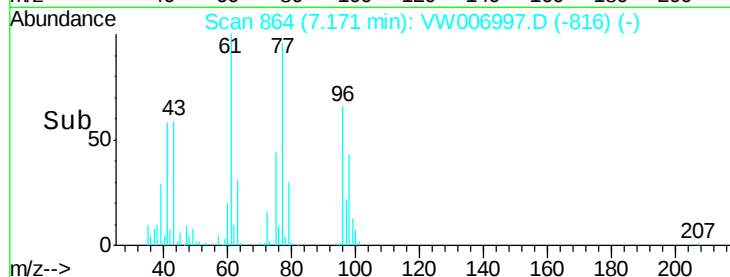
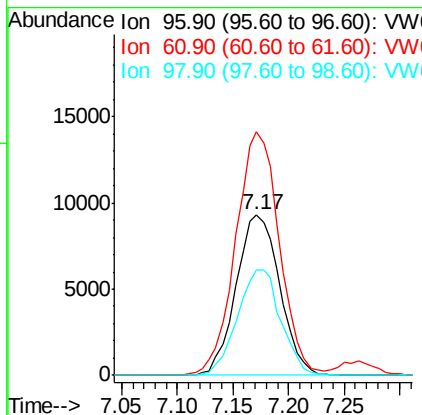
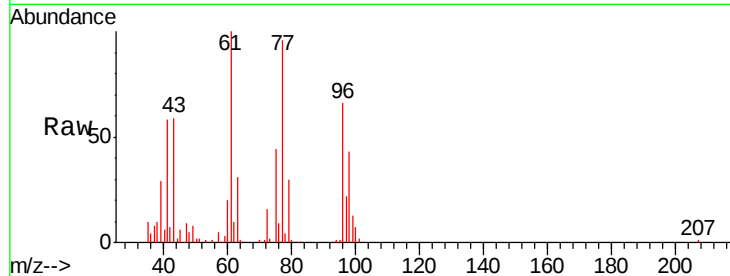


#27

cis-1,2-Dichloroethene
Concen: 19.85 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

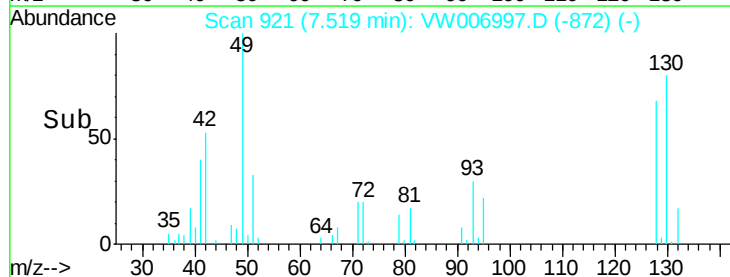
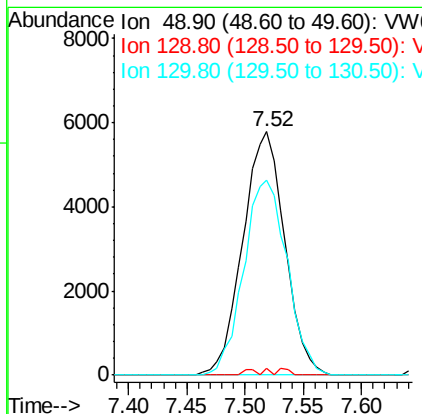
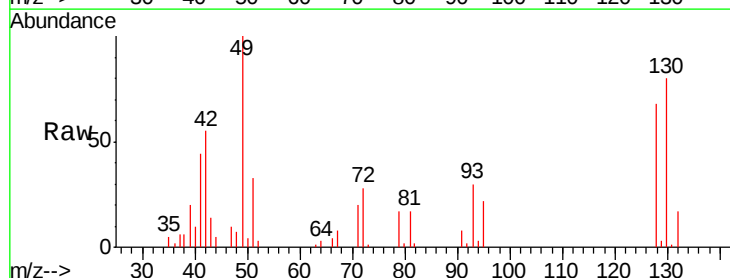
Tgt Ion: 96 Resp: 25329
Ion Ratio Lower Upper
96 100
61 152.3 0.0 292.6
98 64.9 0.0 129.8

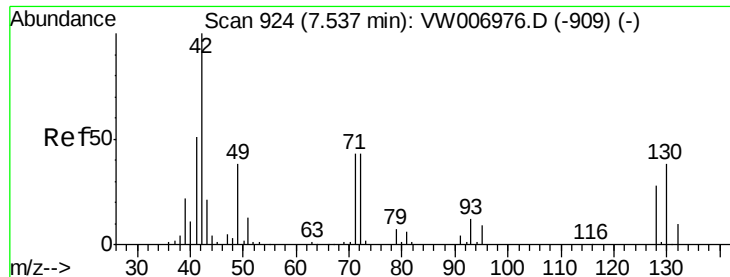


#28

Bromochloromethane
Concen: 19.26 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 49 Resp: 14546
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.0
130 82.8 69.0 103.4





#29

Tetrahydrofuran

Concen: 94.24 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

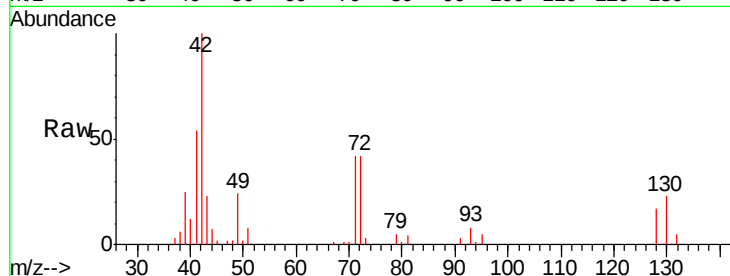
Tgt Ion: 42 Resp: 16890

Ion Ratio Lower Upper

42 100

72 44.6 36.2 54.4

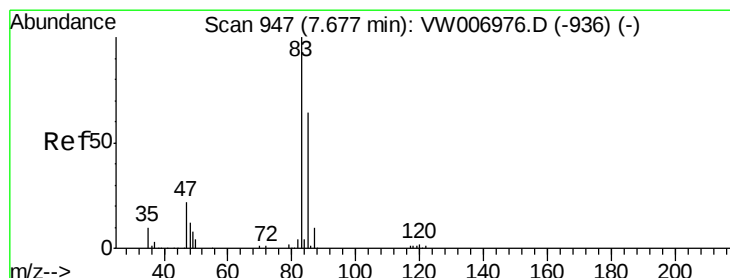
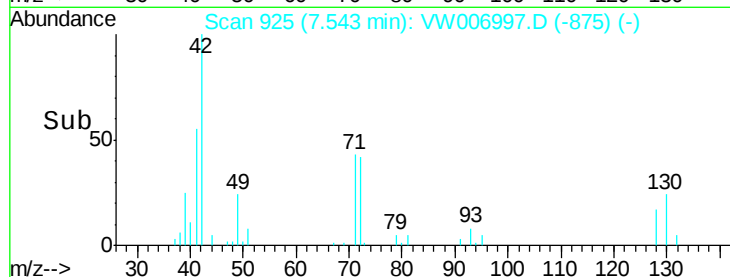
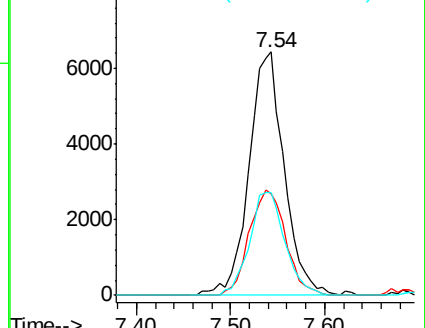
71 42.8 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.32 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006997.D

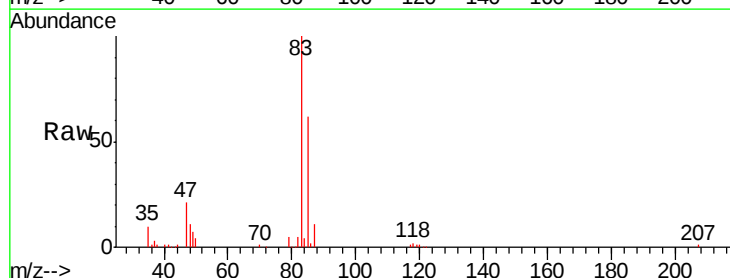
Acq: 21 Nov 2018 13:12

Tgt Ion: 83 Resp: 43622

Ion Ratio Lower Upper

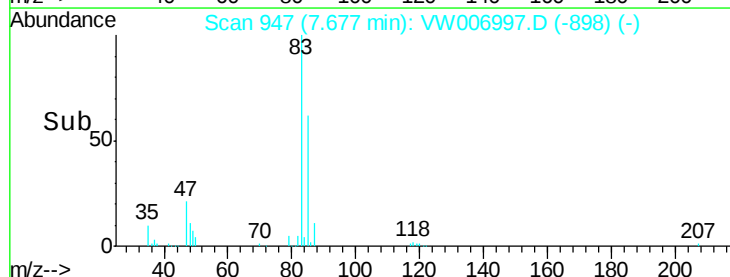
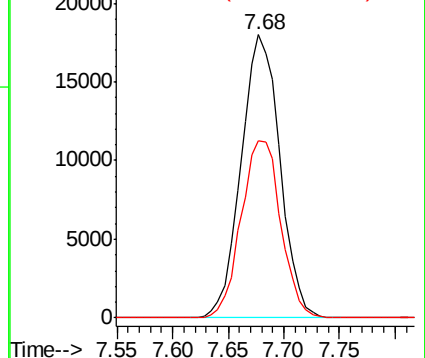
83 100

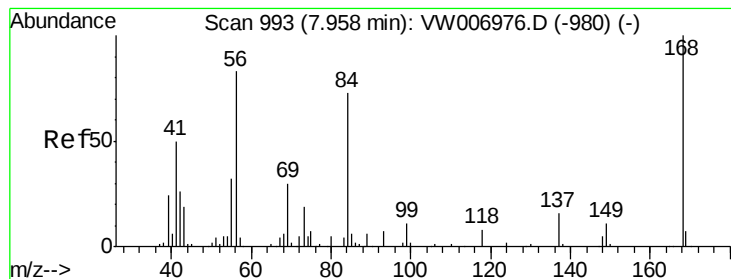
85 62.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.03 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

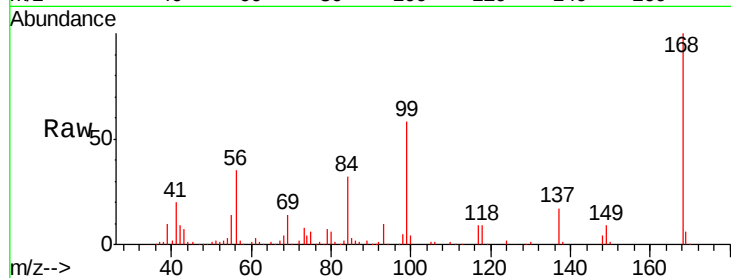
Tgt Ion: 56 Resp: 42930

Ion Ratio Lower Upper

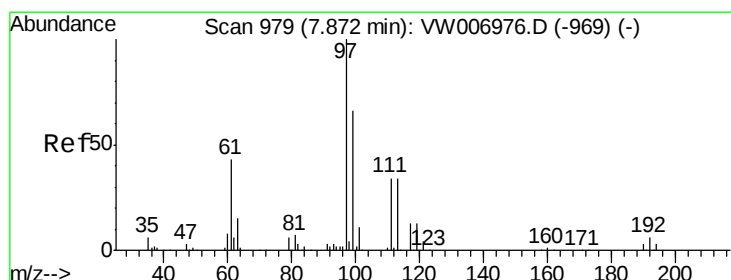
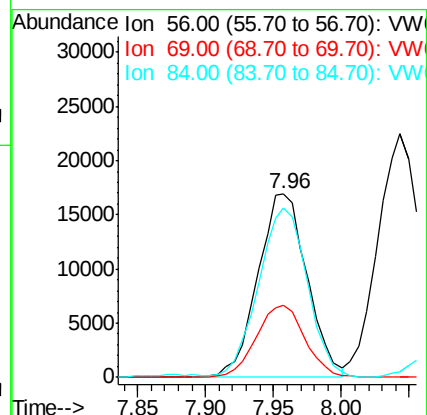
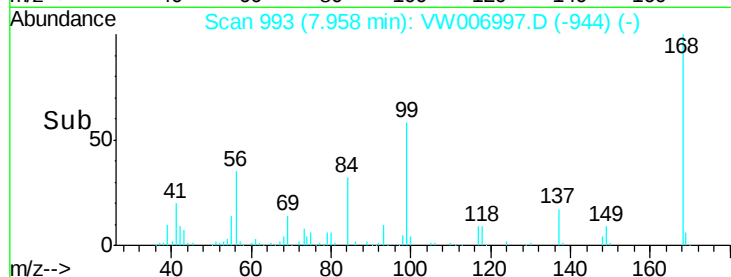
56 100

69 39.4 29.1 43.7

84 91.0 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: 21.70 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

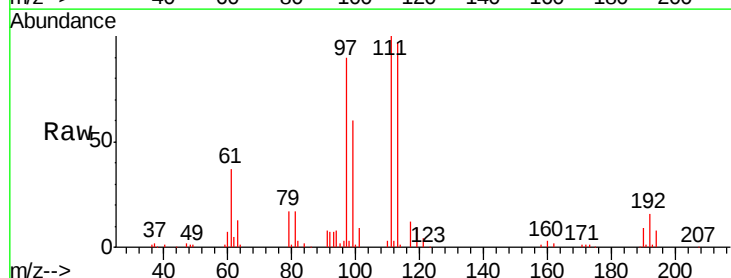
Tgt Ion: 97 Resp: 41958

Ion Ratio Lower Upper

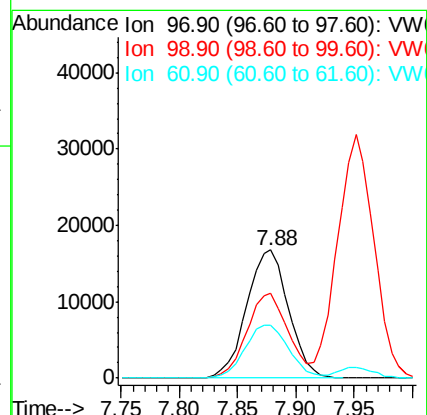
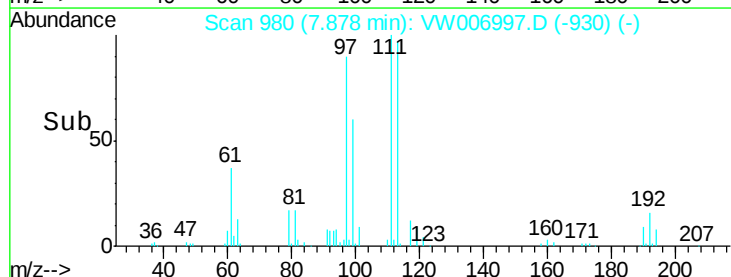
97 100

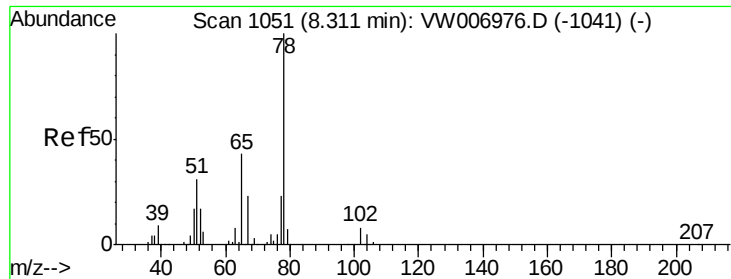
99 64.6 51.9 77.9

61 42.9 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

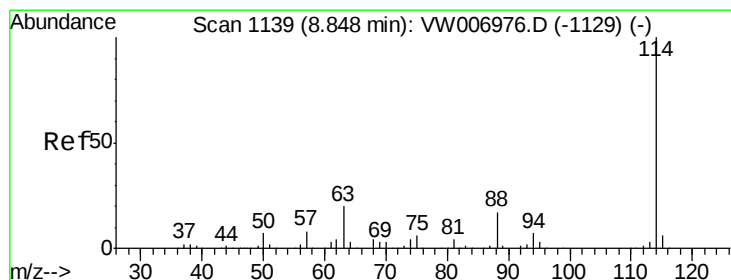
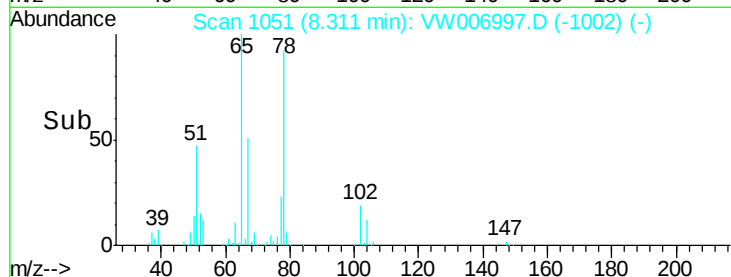
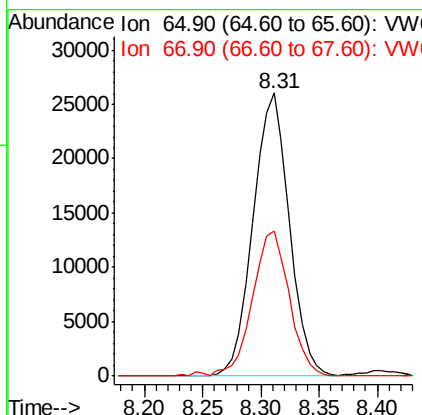
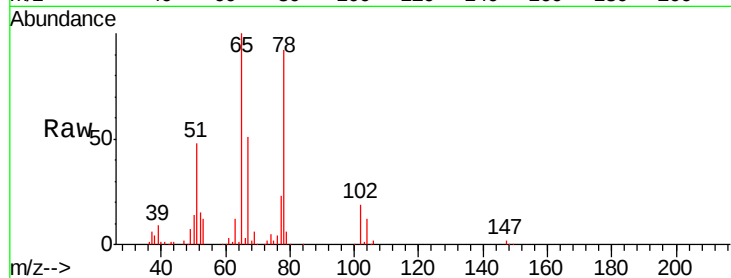




#33
 1,2-Dichloroethane-d4
 Concen: 50.71 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

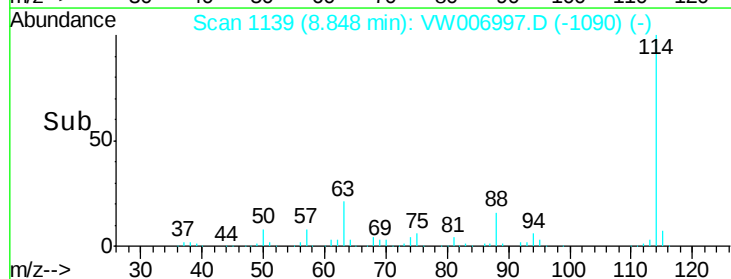
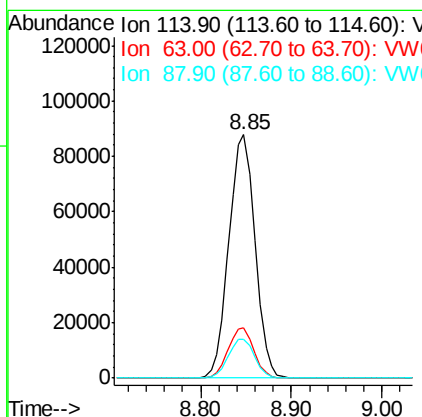
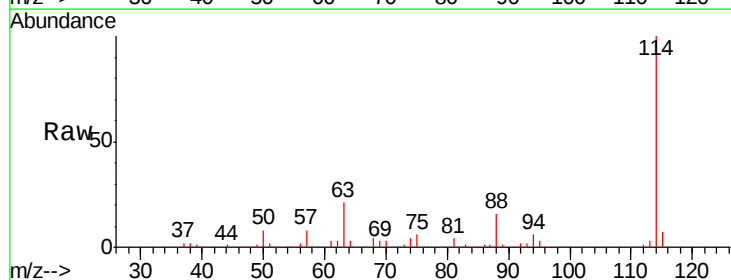
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

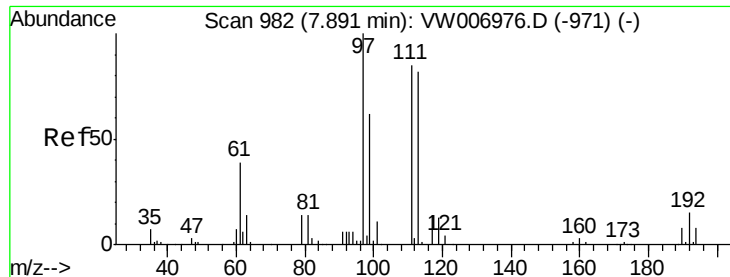
Tgt Ion: 65 Resp: 56429
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 114 Resp: 176094
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.51 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

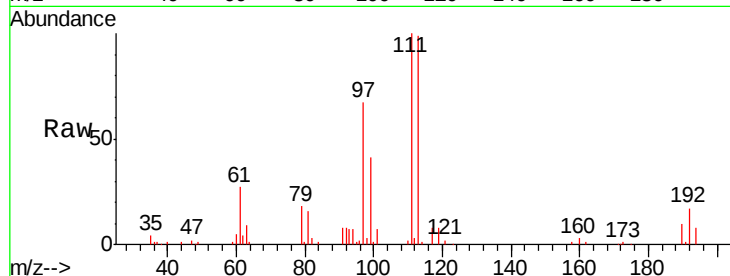
Tgt Ion:113 Resp: 51226

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.6

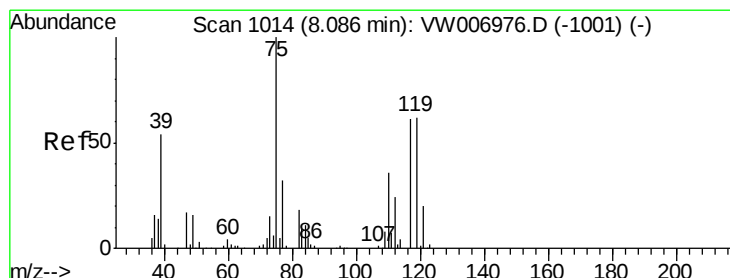
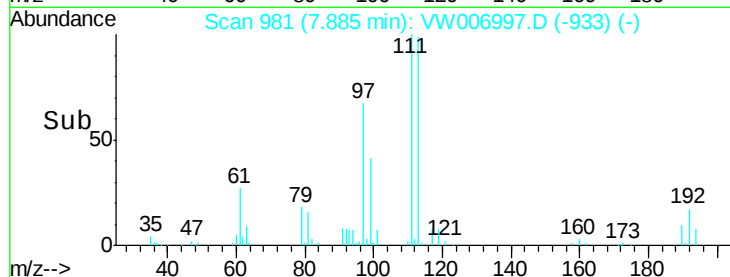
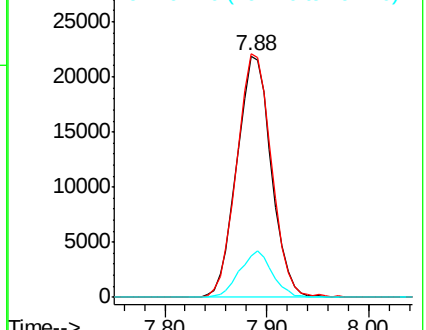
192 18.4 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.14 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

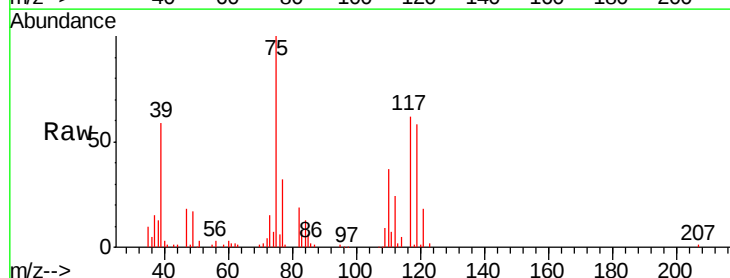
Tgt Ion: 75 Resp: 36375

Ion Ratio Lower Upper

75 100

110 37.1 18.0 54.0

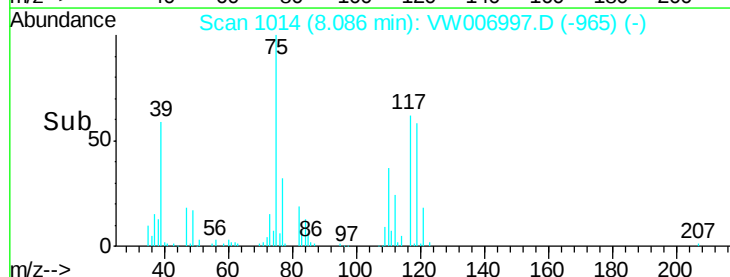
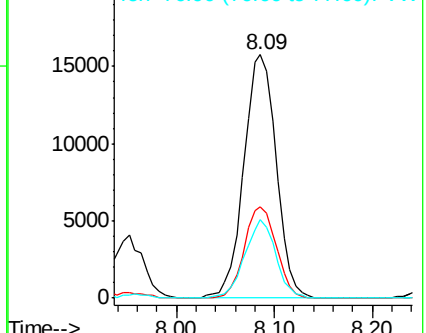
77 30.7 24.9 37.3

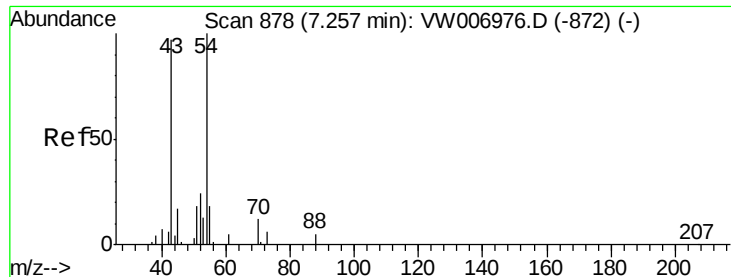


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

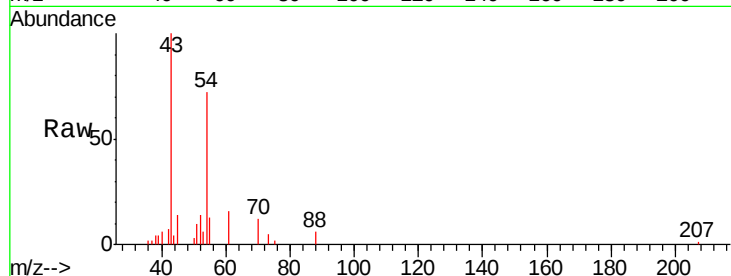




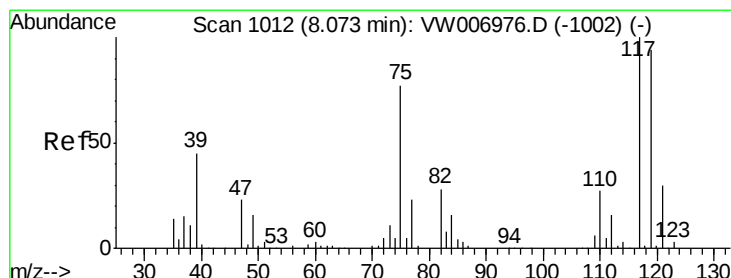
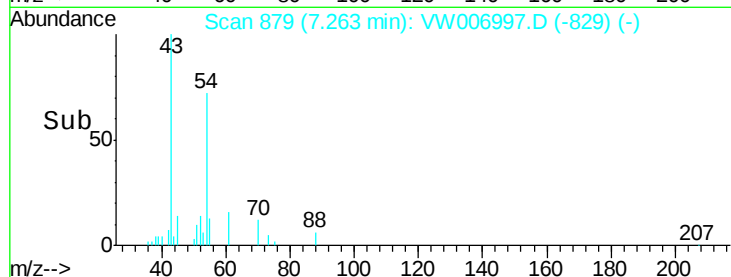
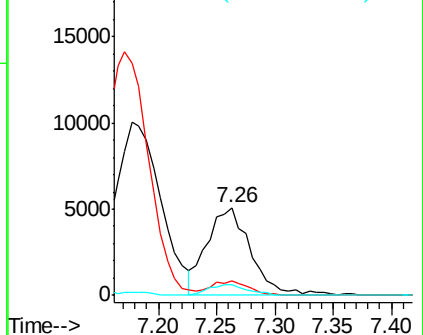
#37
Ethyl Acetate
Concen: 21.27 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion: 43 Resp: 13261
Ion Ratio Lower Upper
43 100
61 14.5 10.4 15.6
70 10.7 8.8 13.2

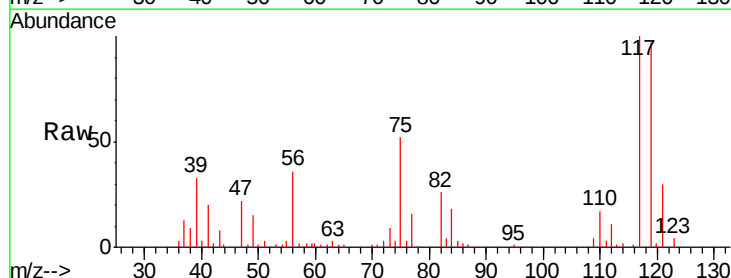


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

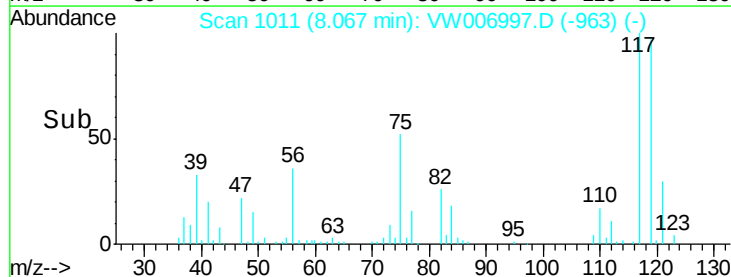
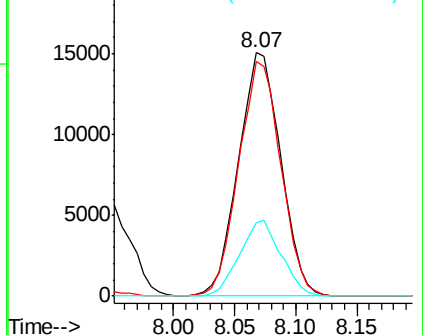


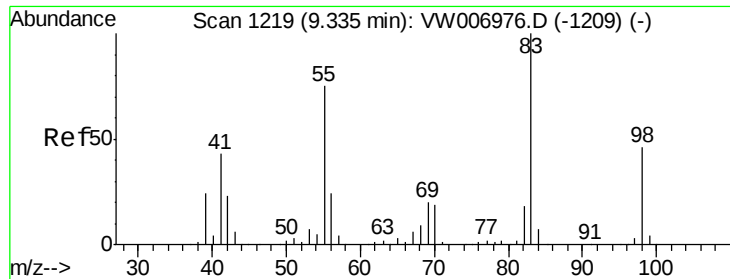
#38
Carbon Tetrachloride
Concen: 21.98 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 117 Resp: 36213
Ion Ratio Lower Upper
117 100
119 96.6 74.9 112.3
121 30.4 23.6 35.4



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

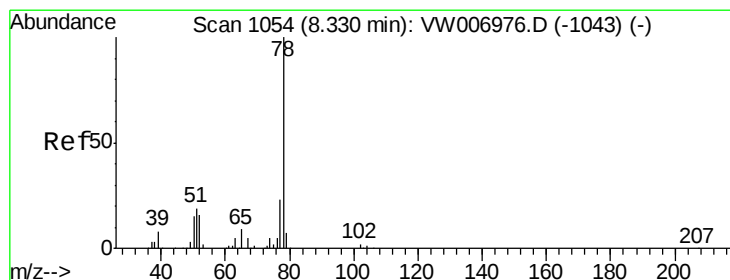
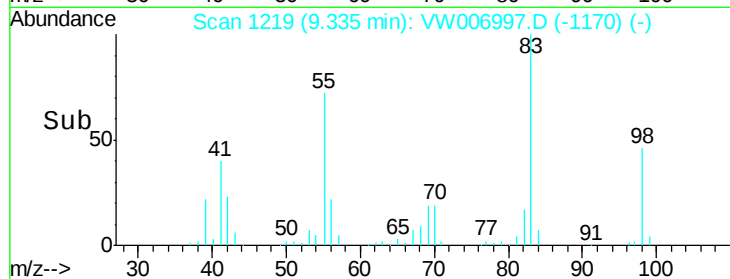
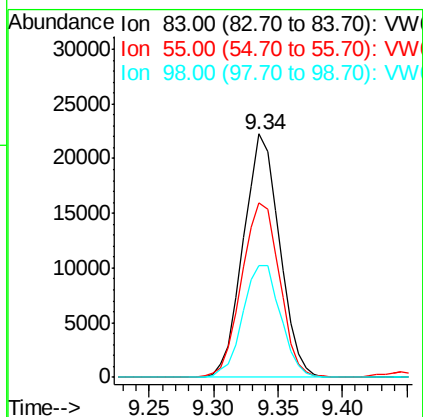
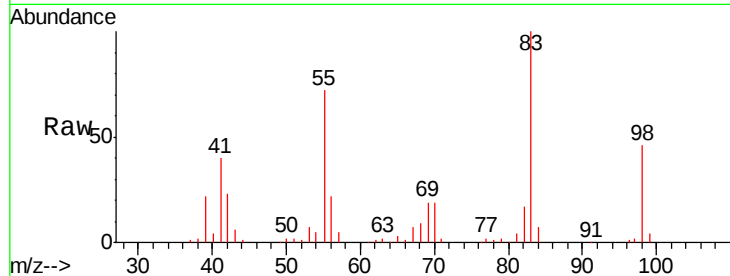




#39
Methylcyclohexane
Concen: 20.11 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

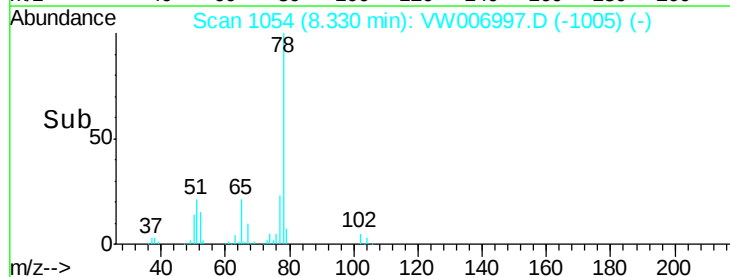
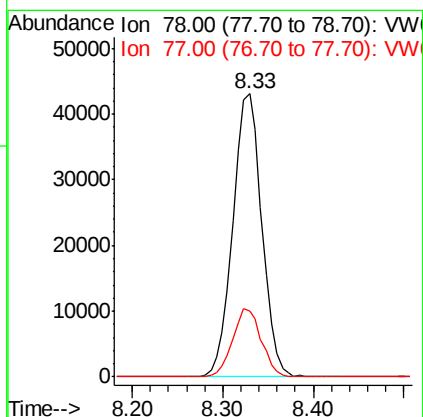
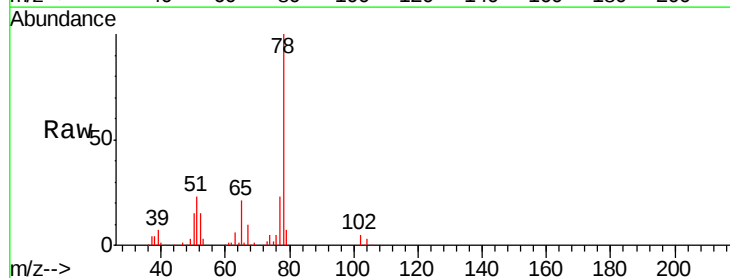
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

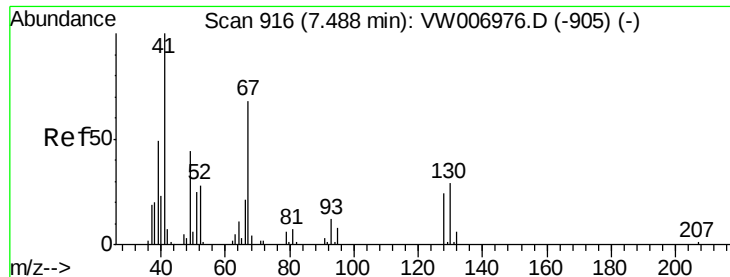
Tgt Ion: 83 Resp: 43302
Ion Ratio Lower Upper
83 100
55 71.7 59.6 89.4
98 46.0 37.1 55.7



#40
Benzene
Concen: 20.54 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 78 Resp: 95406
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

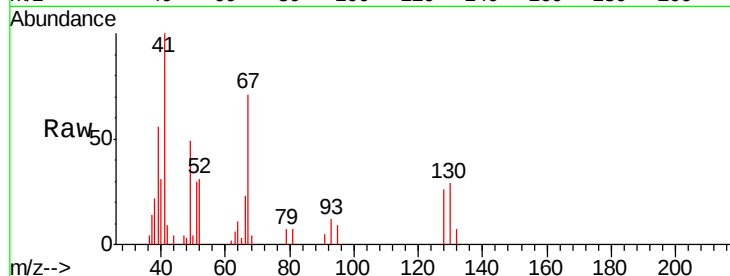




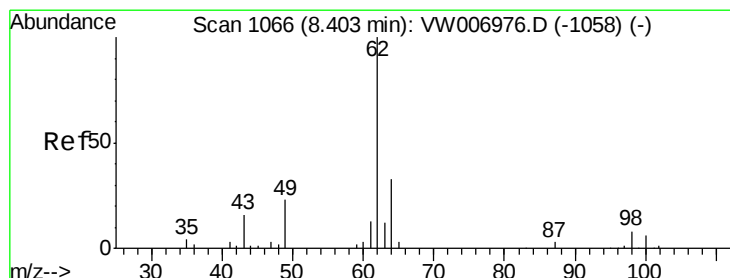
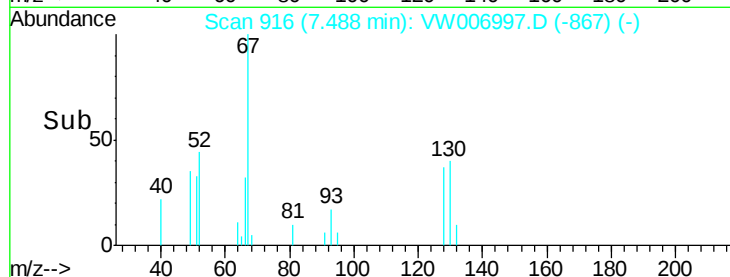
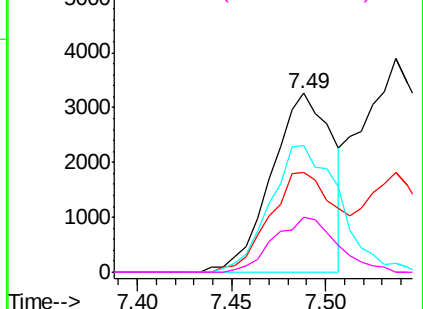
#41
Methacrylonitrile
Concen: 18.89 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion:	41	Resp:	7317
Ion	Ratio	Lower	Upper
41	100		
39	61.2	48.6	73.0
67	80.4	59.8	89.8
52	31.5	24.8	37.2

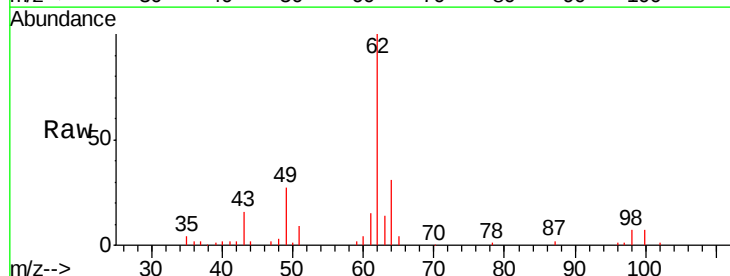


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

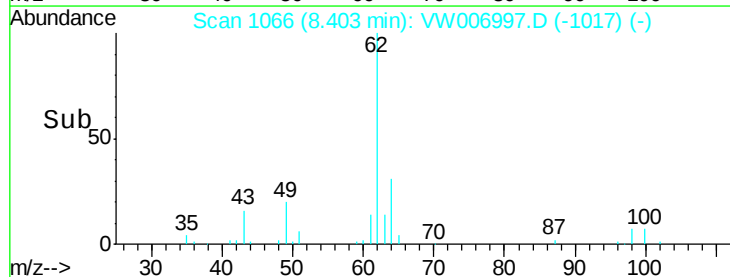
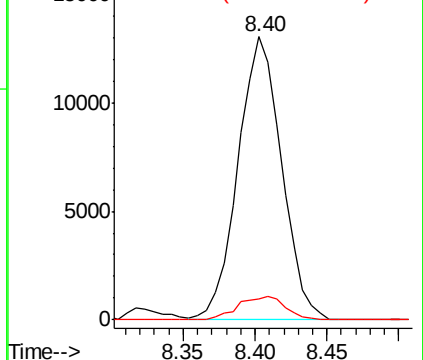


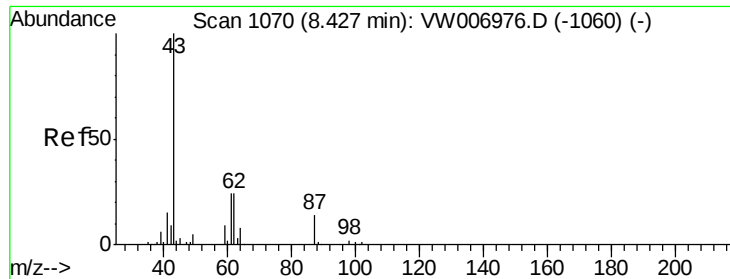
#42
1,2-Dichloroethane
Concen: 20.27 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:	62	Resp:	27342
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.49 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

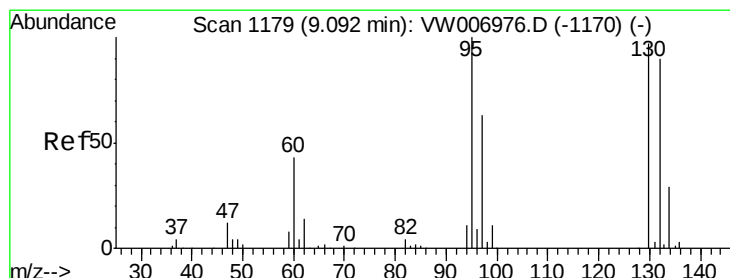
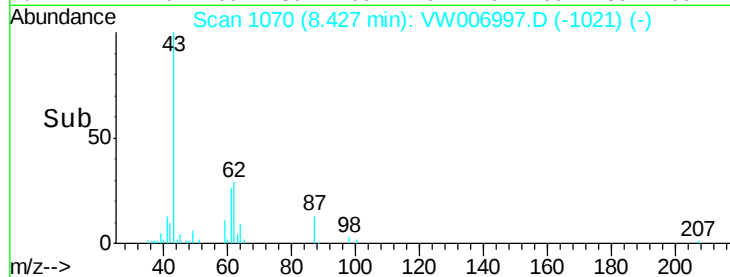
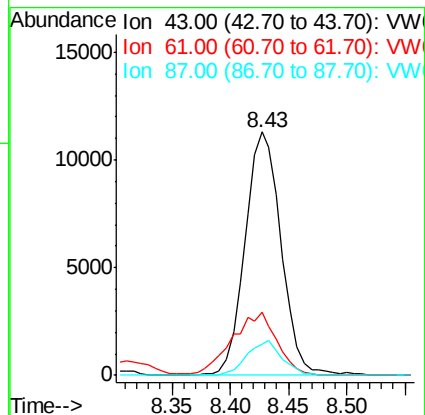
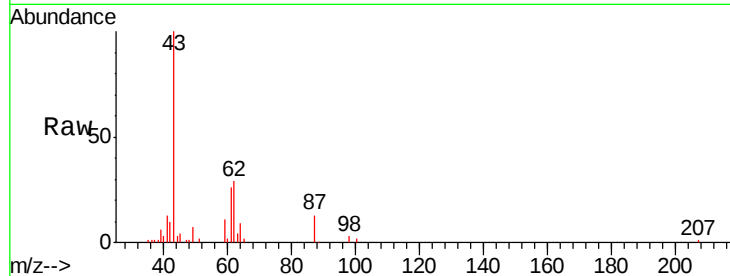
Tgt Ion: 43 Resp: 24345

Ion Ratio Lower Upper

43 100

61 32.1 26.1 39.1

87 13.5 11.2 16.8



#44

Trichloroethene

Concen: 21.16 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006997.D

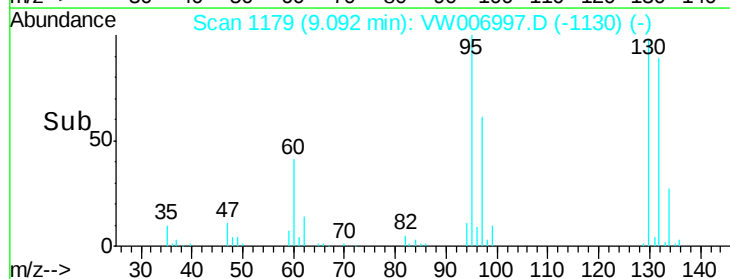
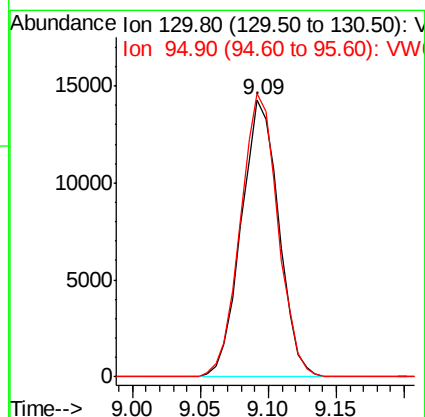
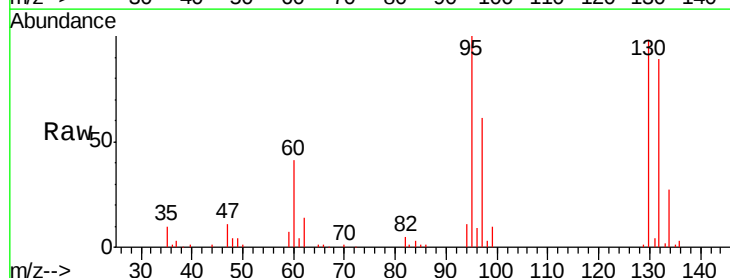
Acq: 21 Nov 2018 13:12

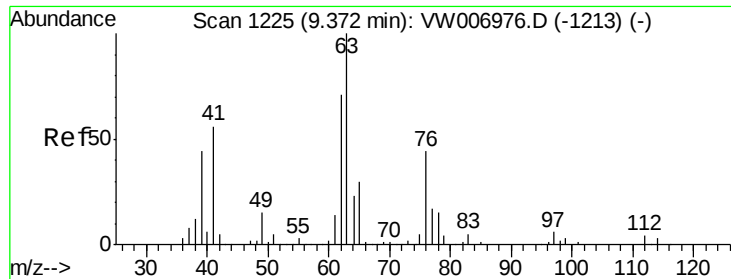
Tgt Ion: 130 Resp: 27551

Ion Ratio Lower Upper

130 100

95 102.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 21.43 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

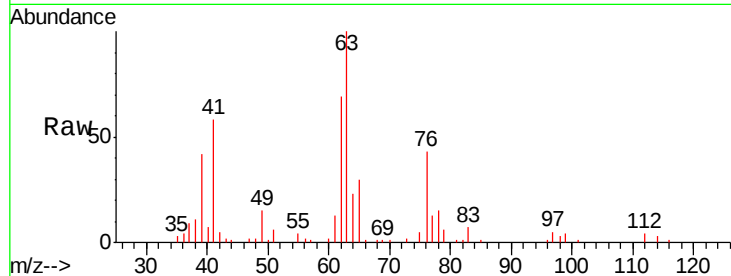
VW1122SBSD01

Tgt Ion: 63 Resp: 24534

Ion Ratio Lower Upper

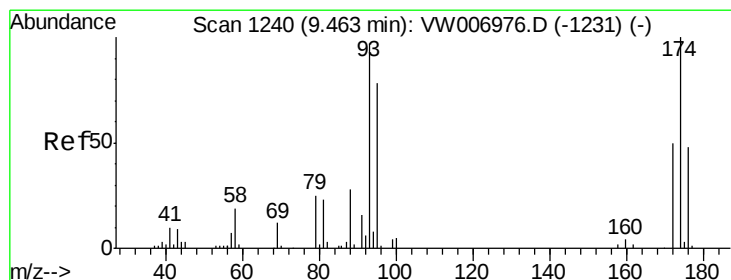
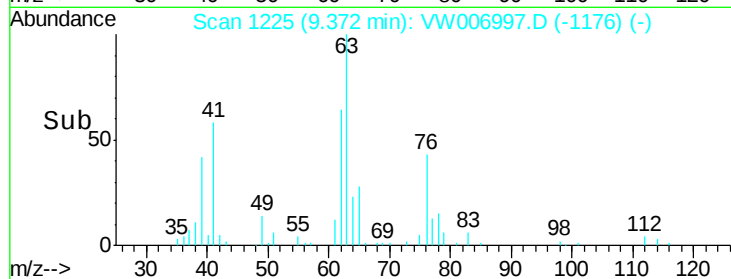
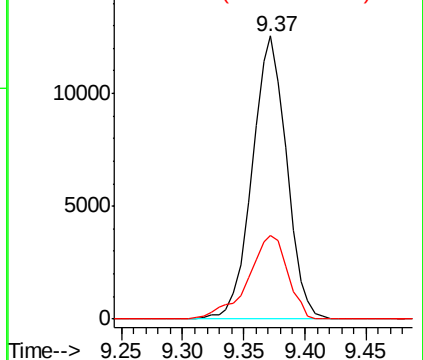
63 100

65 29.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.45 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

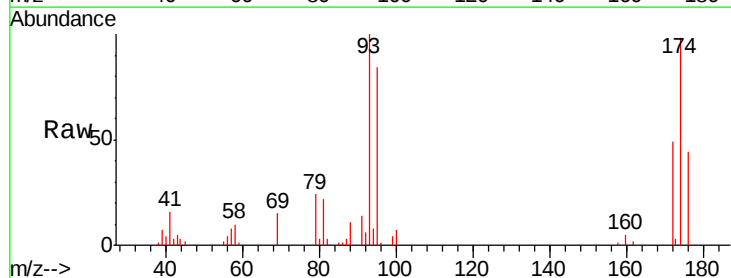
Tgt Ion: 93 Resp: 11728

Ion Ratio Lower Upper

93 100

95 83.3 66.1 99.1

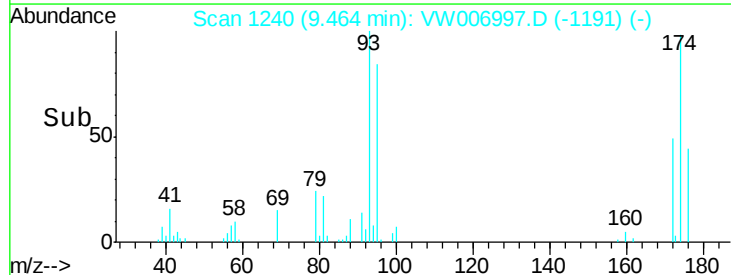
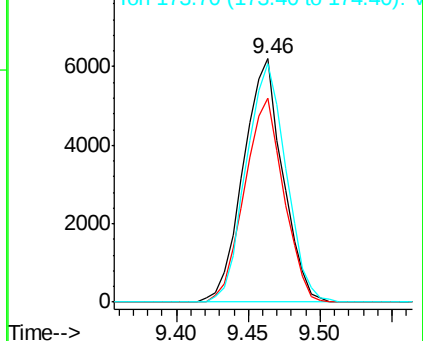
174 99.5 79.7 119.5

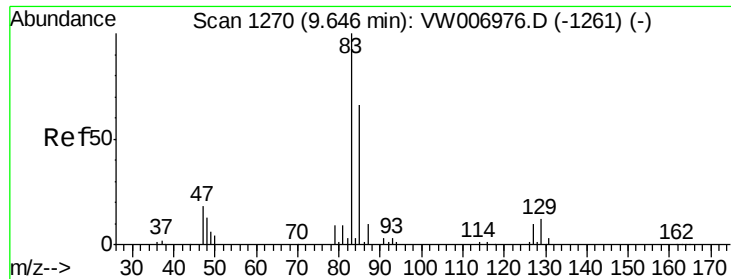


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.62 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

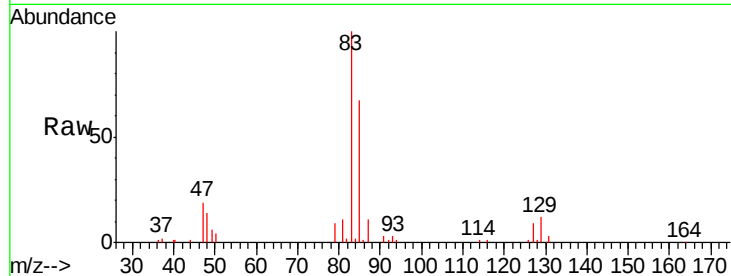
Tgt Ion: 83 Resp: 32670

Ion Ratio Lower Upper

83 100

85 66.7 52.9 79.3

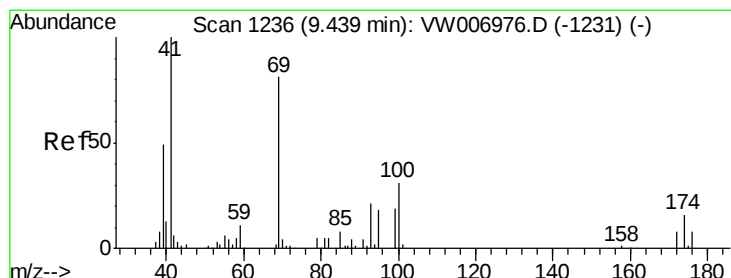
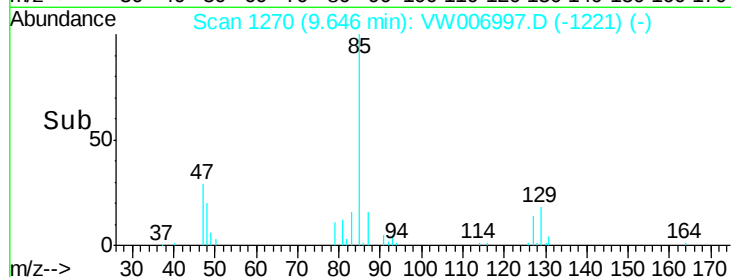
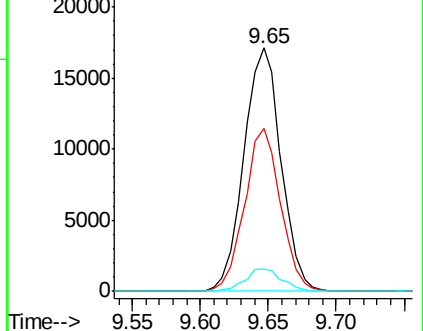
127 9.2 7.8 11.6



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): VW



#48

Methyl methacrylate

Concen: 19.29 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

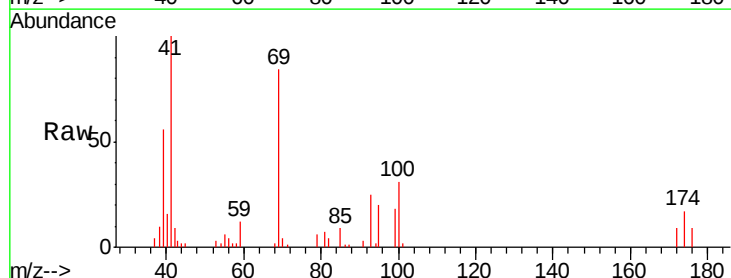
Tgt Ion: 41 Resp: 11051

Ion Ratio Lower Upper

41 100

69 91.4 71.4 107.0

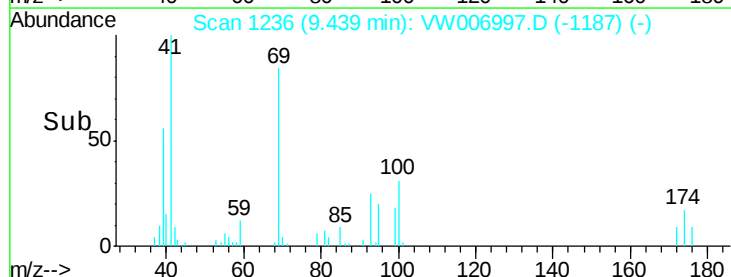
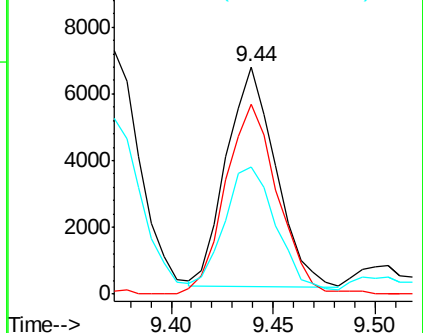
39 57.6 44.8 67.2

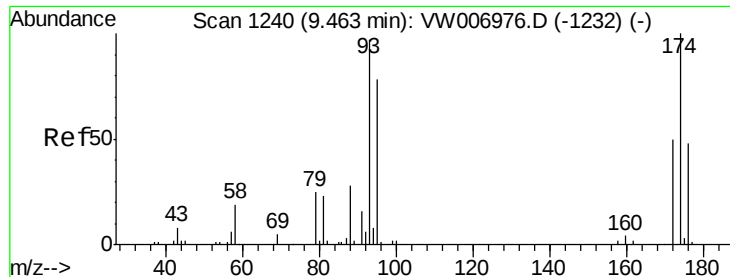


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

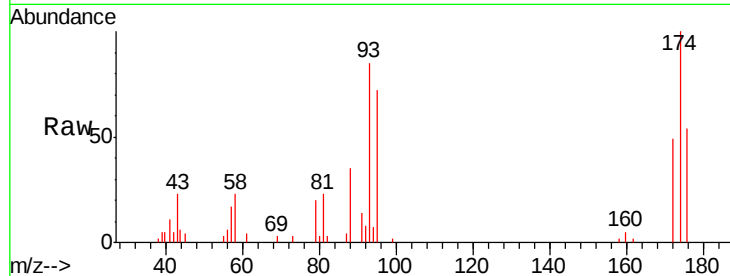




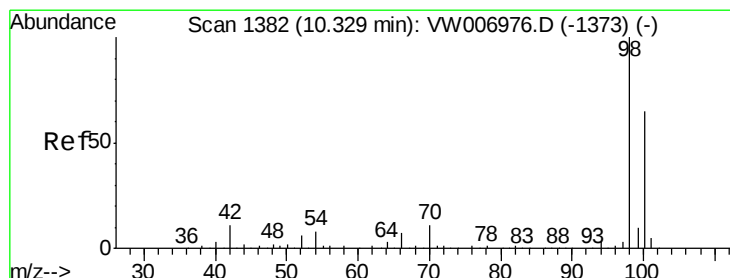
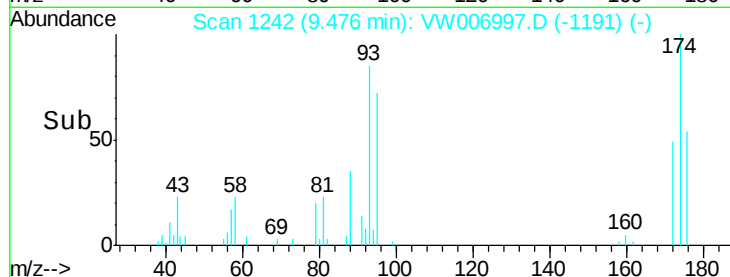
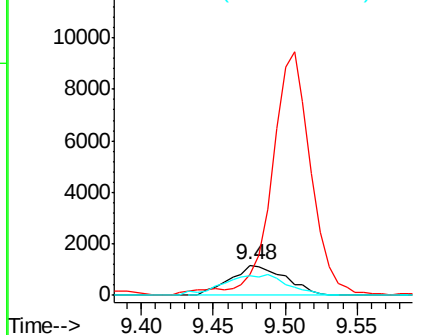
#49
 1,4-Dioxane
 Concen: 361.62 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tgt Ion: 88 Resp: 3082
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 79.4 59.0 88.6

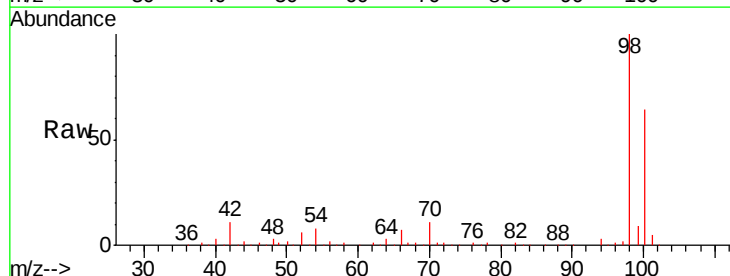


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

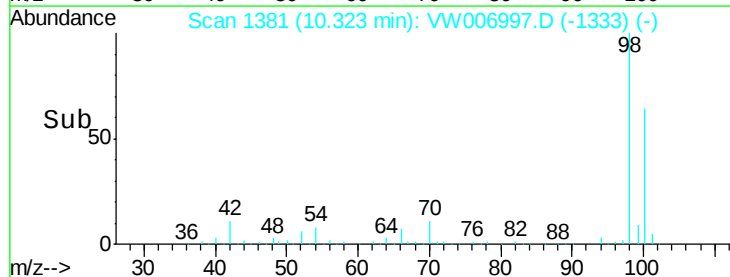
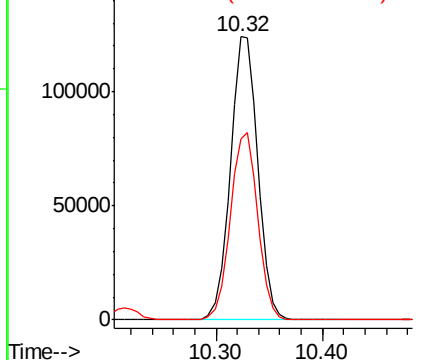


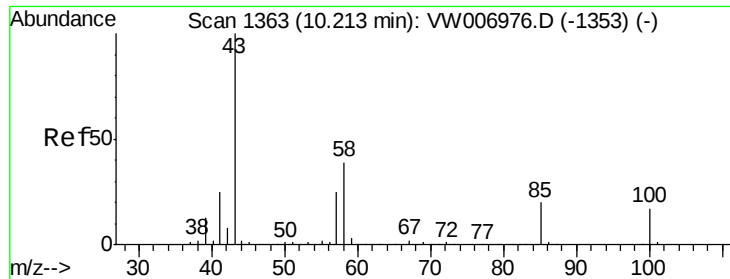
#50
 Toluene-d8
 Concen: 50.90 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 98 Resp: 223506
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.2 78.2



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

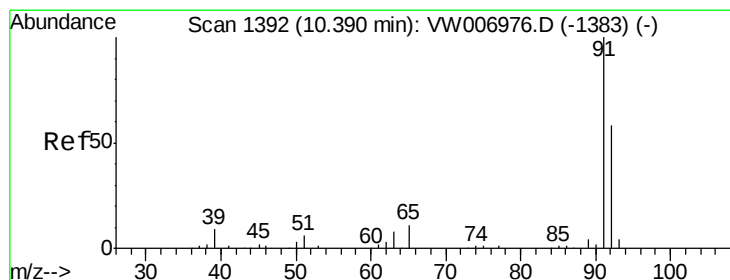
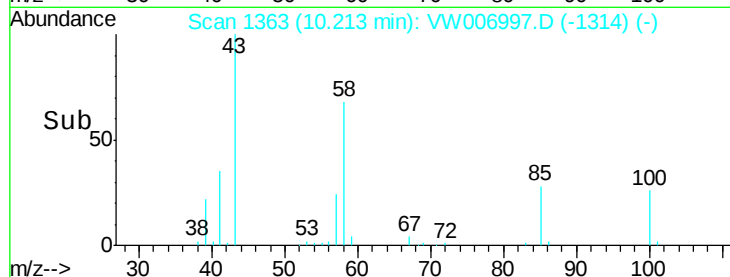
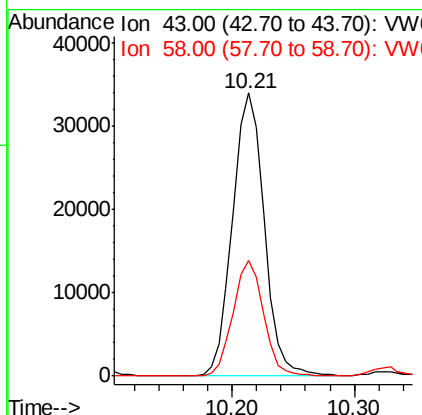
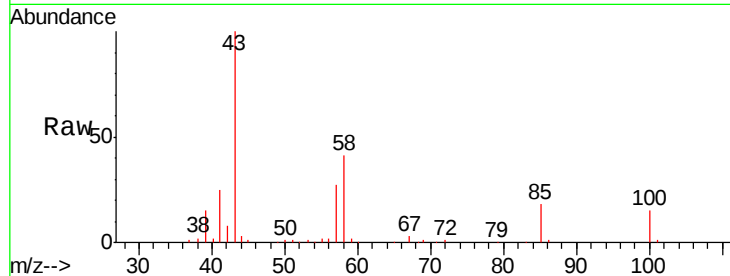




#51
4-Methyl-2-Pentanone
Concen: 101.77 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

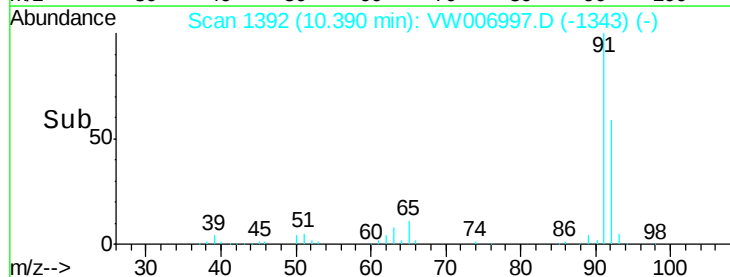
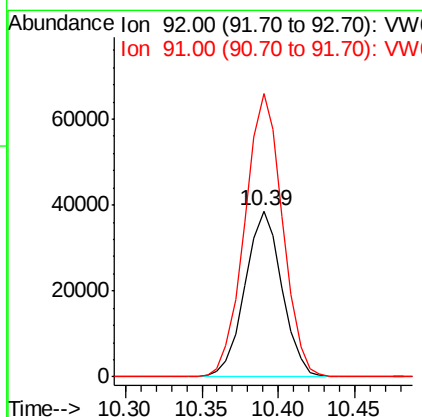
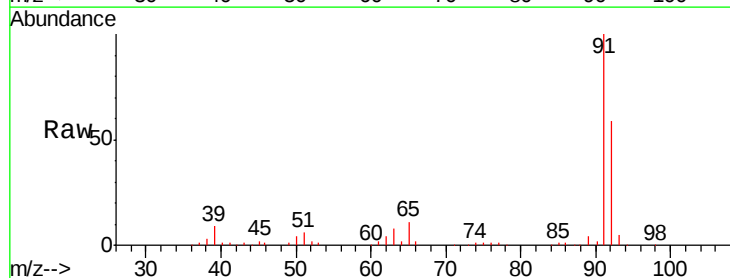
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

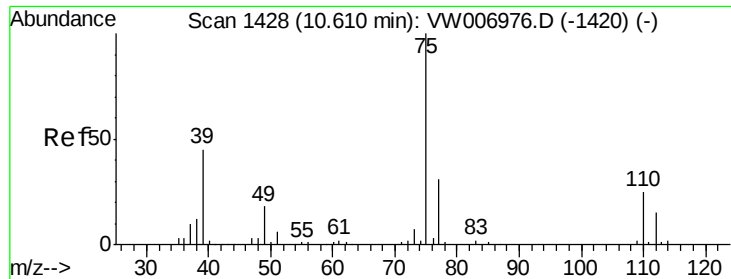
Tgt Ion: 43 Resp: 61117
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.6



#52
Toluene
Concen: 20.51 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 92 Resp: 64822
Ion Ratio Lower Upper
92 100
91 174.2 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.71 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

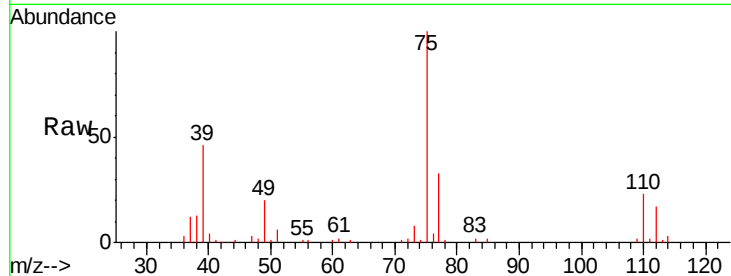
VW1122SBSD01

Tgt Ion: 75 Resp: 30308

Ion Ratio Lower Upper

75 100

77 33.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

20000

15000

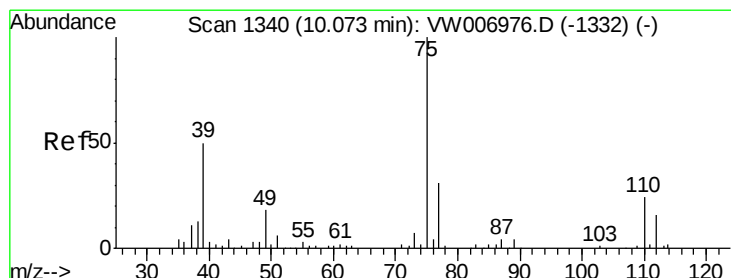
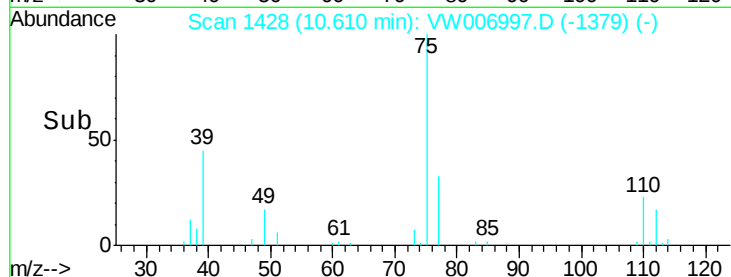
10000

5000

0

10.55 10.60 10.65

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.83 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

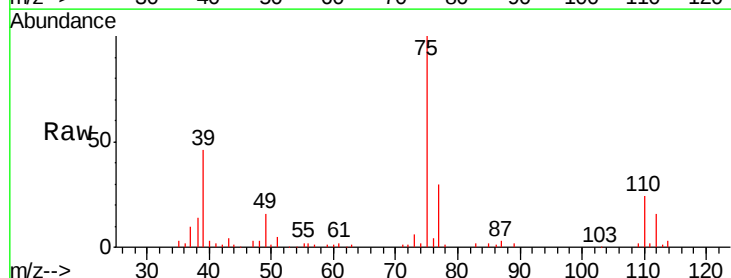
Tgt Ion: 75 Resp: 36831

Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.6

39 46.3 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

25000

20000

15000

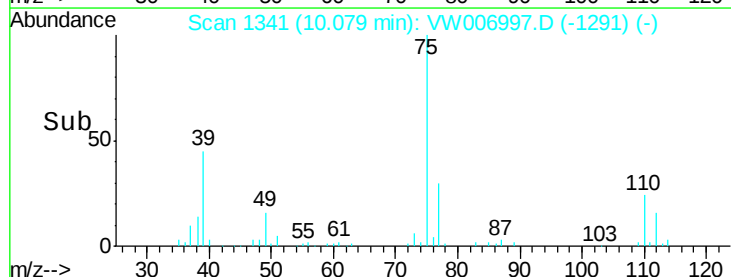
10000

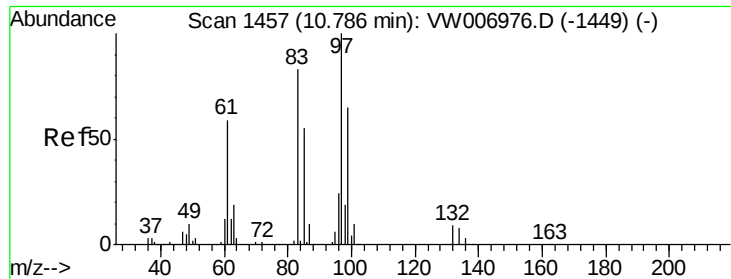
5000

0

10.00 10.10

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.92 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

Tgt Ion: 97 Resp: 17646

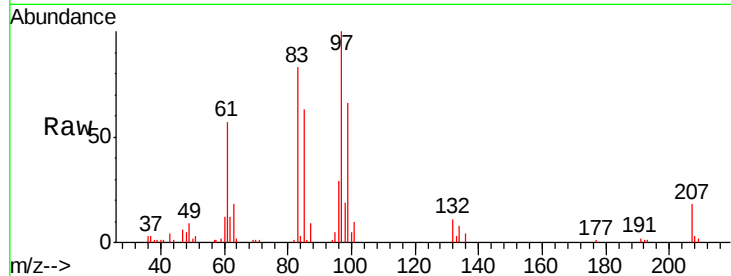
Ion Ratio Lower Upper

97 100

83 83.0 66.4 99.6

85 63.4 44.1 66.1

99 65.7 51.7 77.5

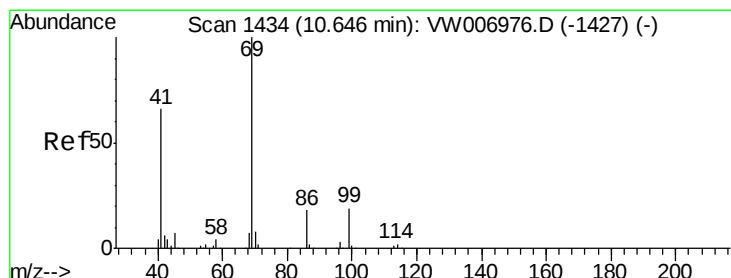
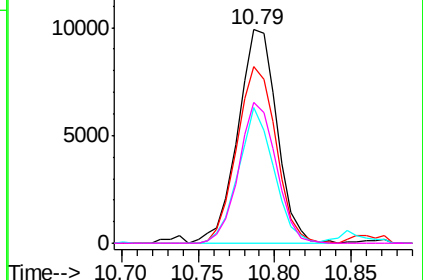
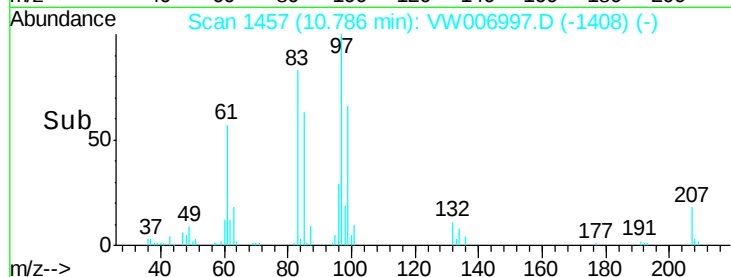


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 20.34 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

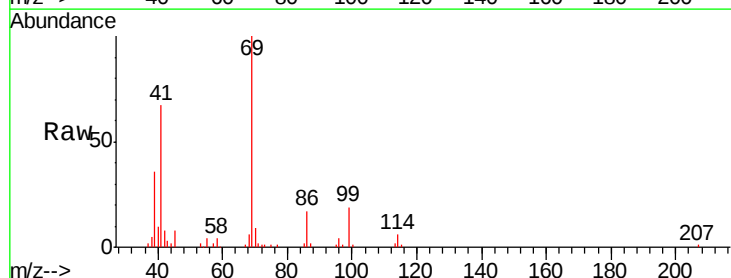
Tgt Ion: 69 Resp: 19918

Ion Ratio Lower Upper

69 100

41 64.2 53.4 80.0

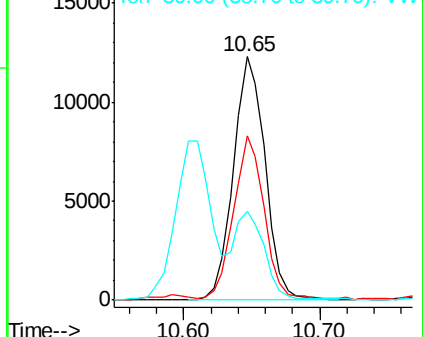
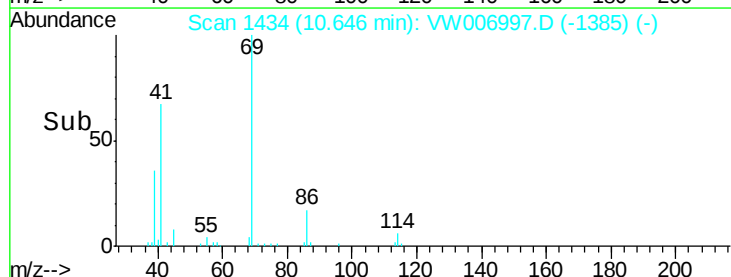
39 36.8 28.2 42.4

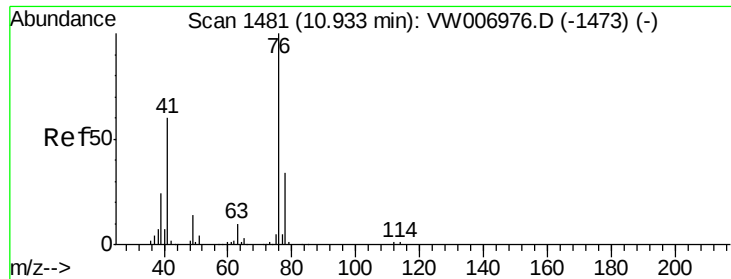


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

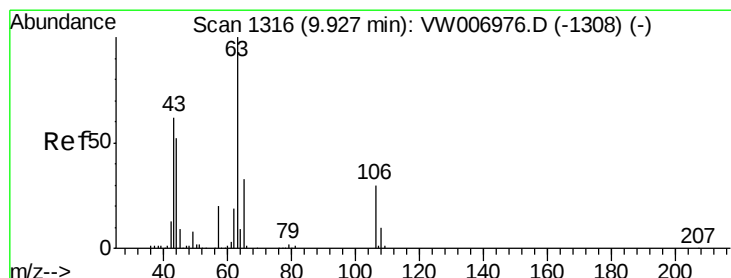
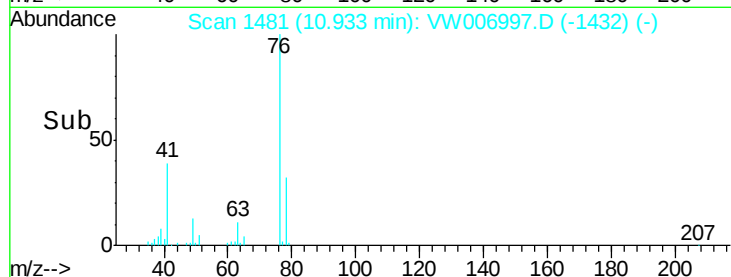
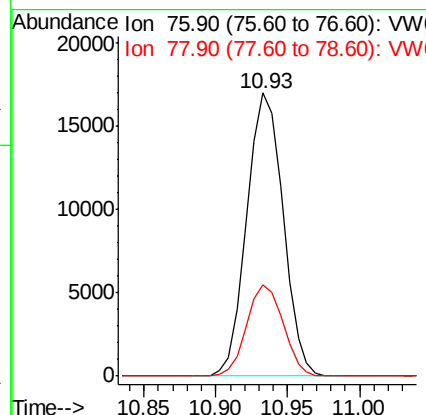
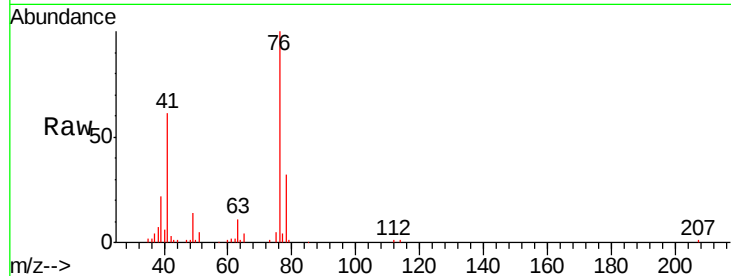




#57
 1,3-Dichloropropane
 Concen: 21.01 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

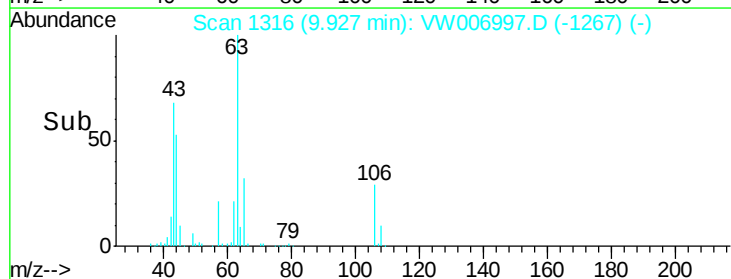
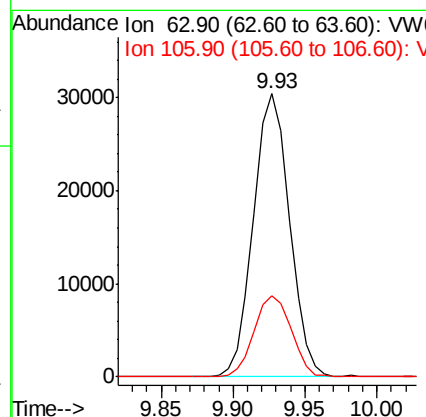
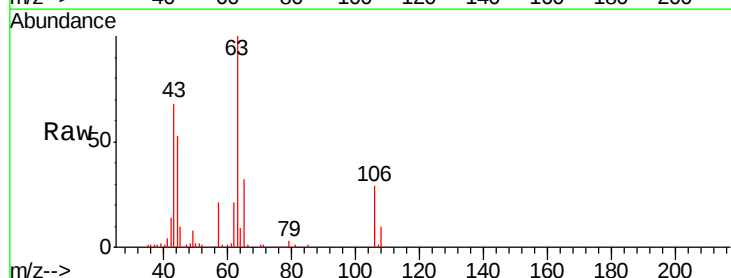
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

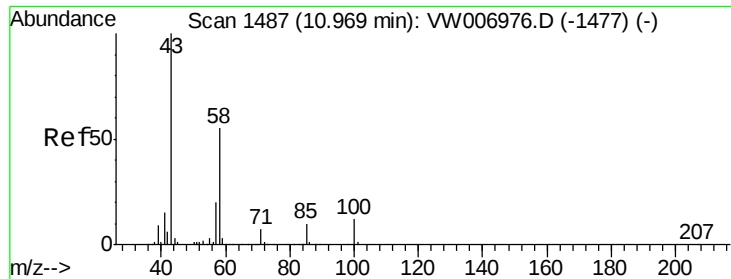
Tgt Ion: 76 Resp: 29704
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.33 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 63 Resp: 52875
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3

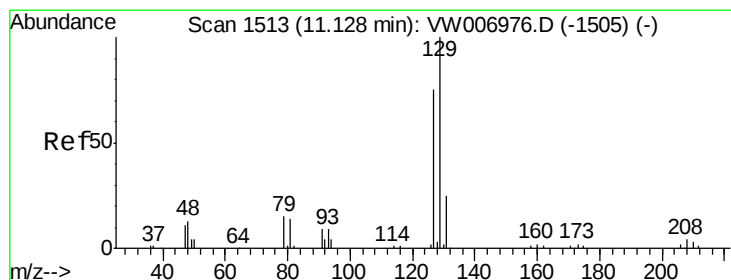
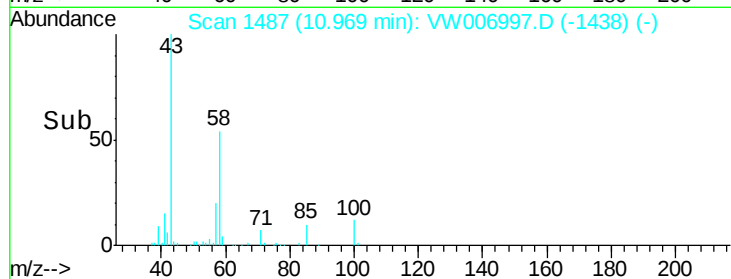
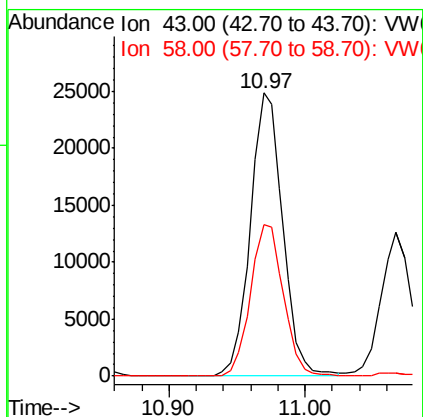
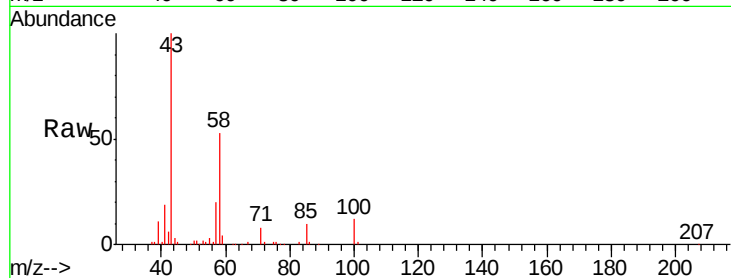




#59
2-Hexanone
Concen: 100.88 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

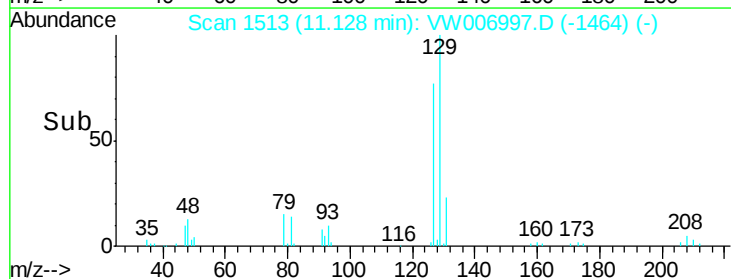
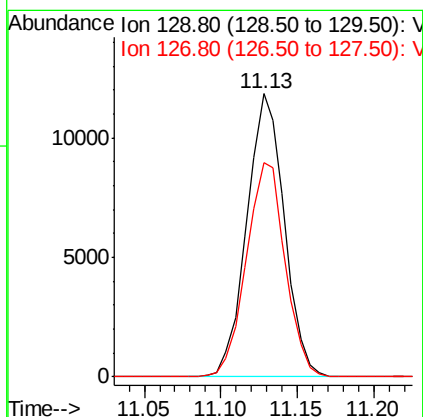
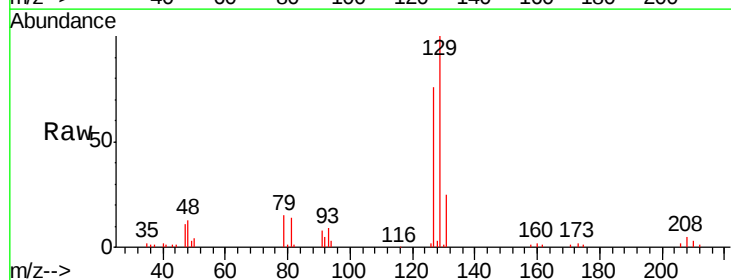
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

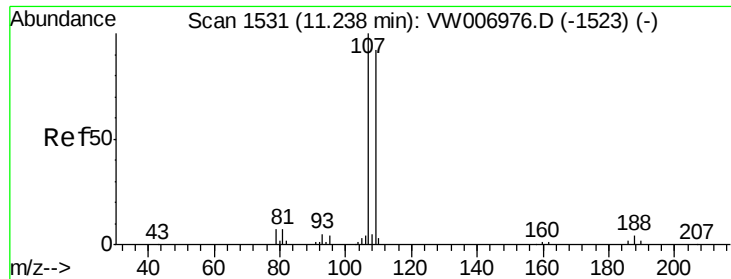
Tgt Ion: 43 Resp: 41484
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.99 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 129 Resp: 20181
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8

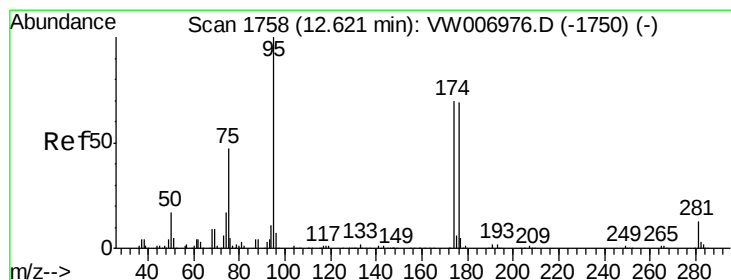
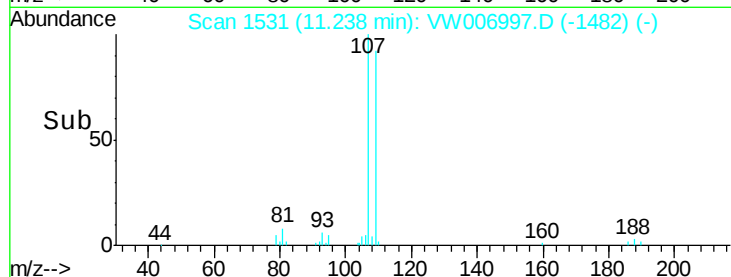
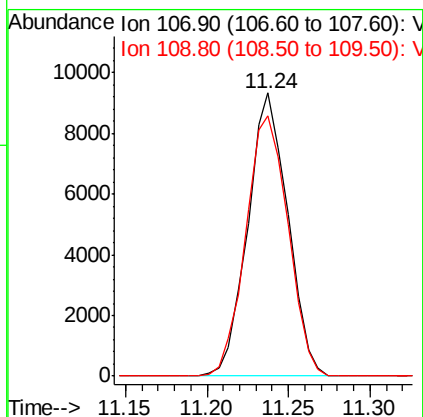
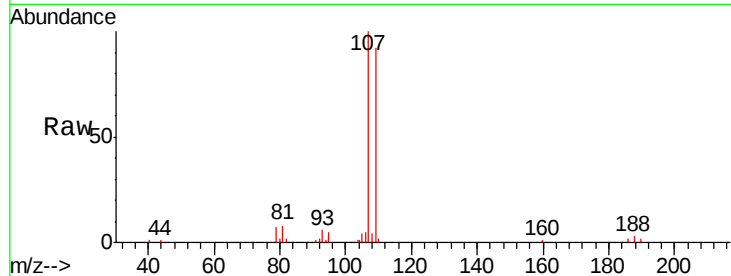




#61
 1,2-Dibromoethane
 Concen: 20.61 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

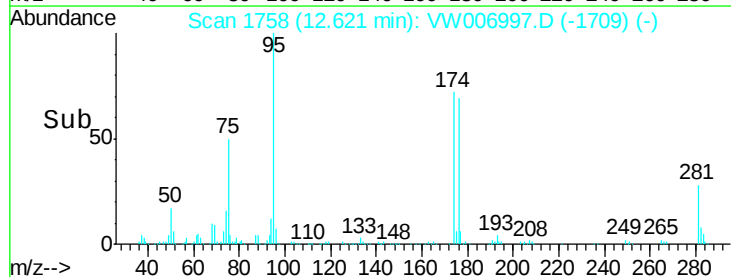
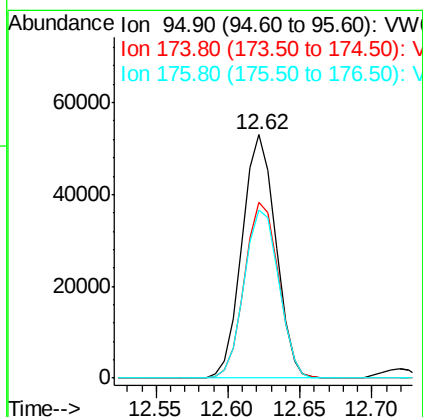
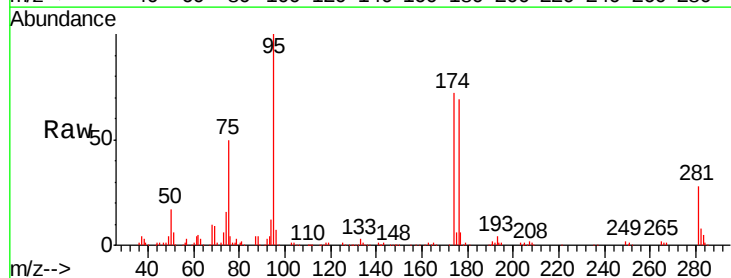
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

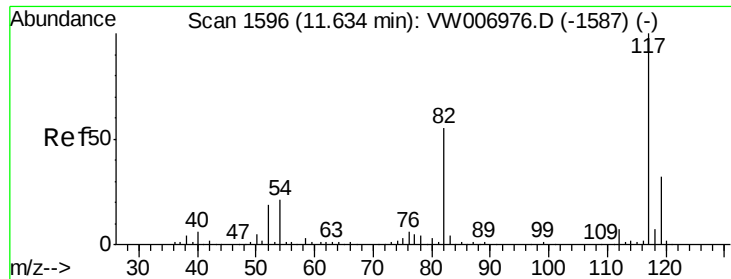
Tgt Ion: 107 Resp: 15902
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.86 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 95 Resp: 86156
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.6
 176 70.9 0.0 140.4

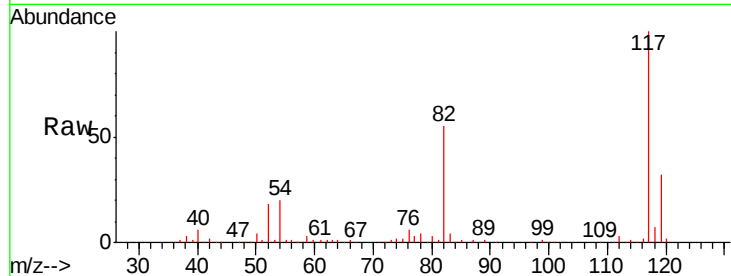




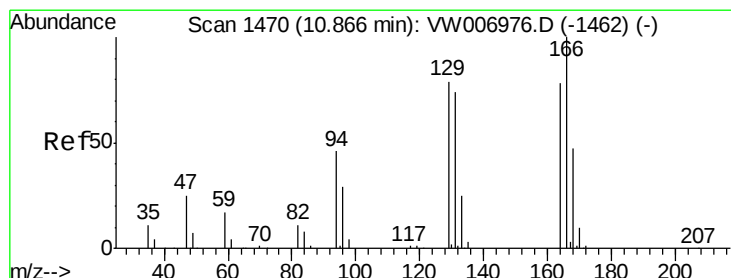
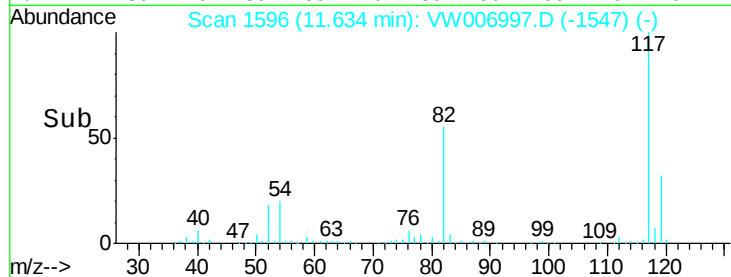
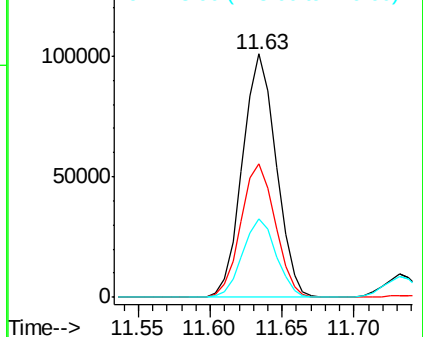
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion:117 Resp: 163505
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.4 25.9 38.9

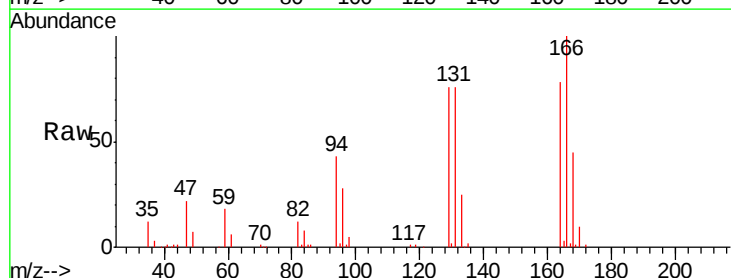


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

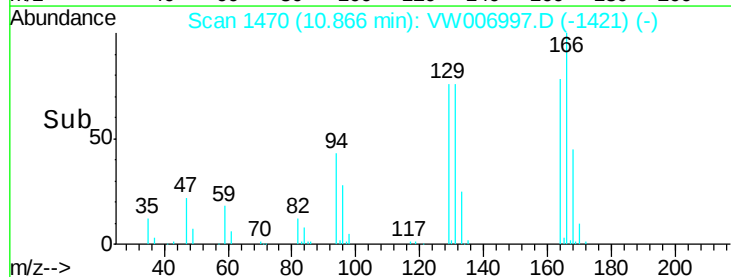
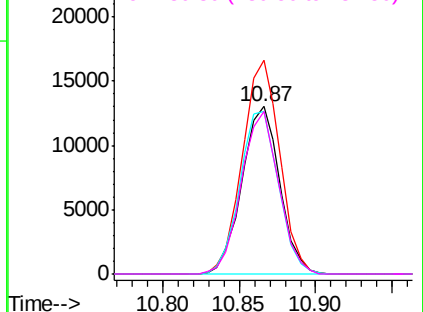


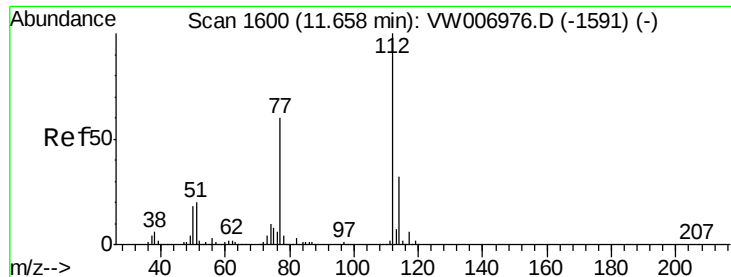
#64
Tetrachloroethene
Concen: 21.25 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:164 Resp: 22357
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 97.4 80.4 120.6
131 97.3 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

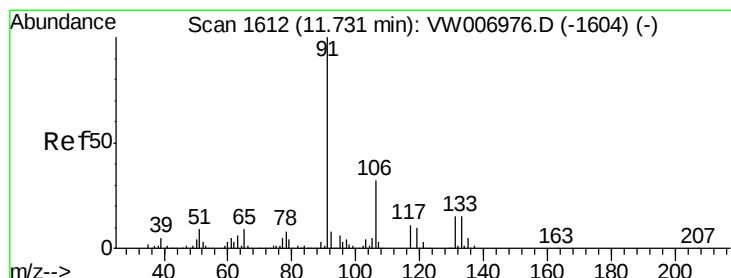
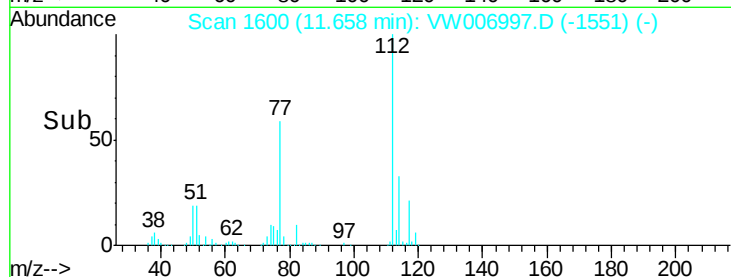
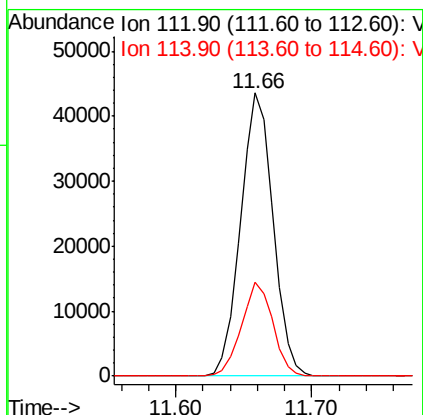
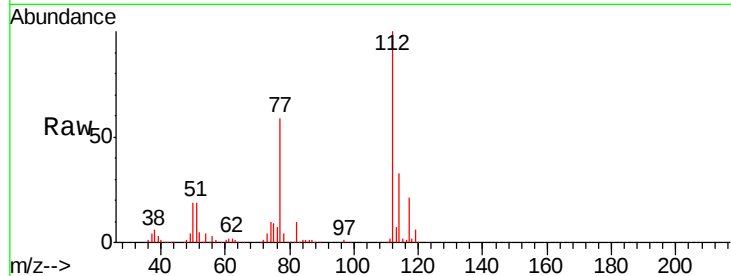




#65
Chlorobenzene
Concen: 21.25 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

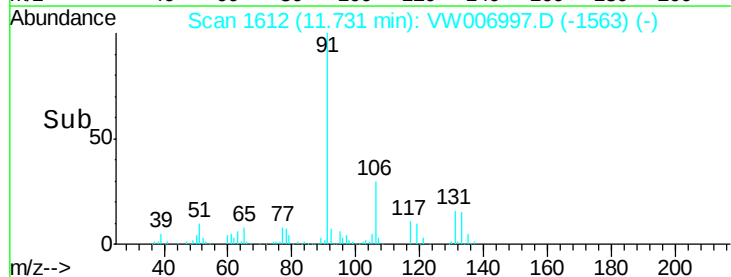
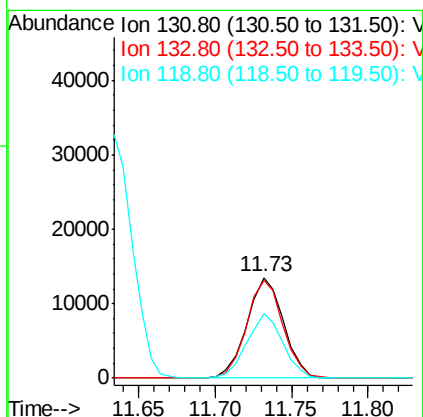
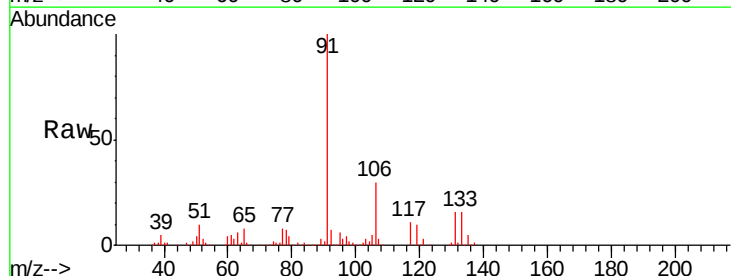
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

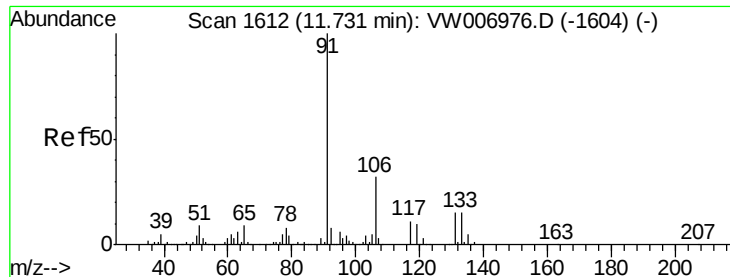
Tgt Ion:112 Resp: 72530
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.70 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:131 Resp: 22406
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 62.9 31.8 95.3

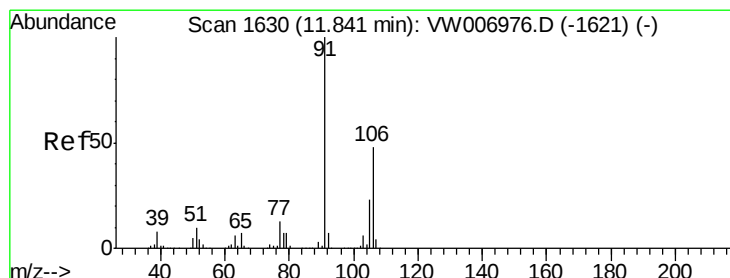
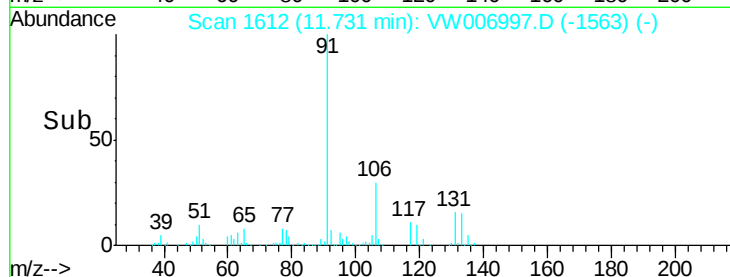
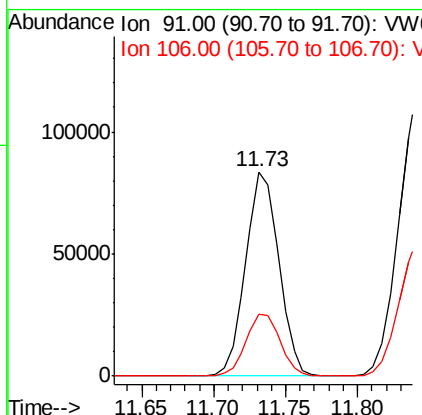
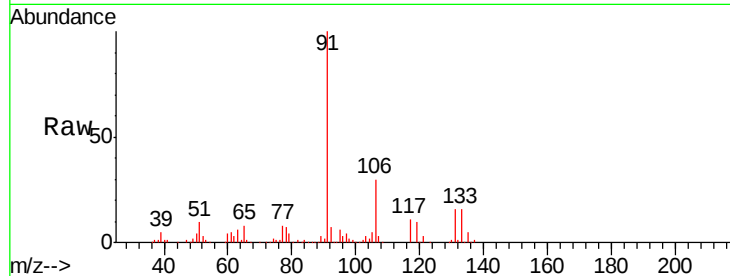




#67
Ethyl Benzene
Concen: 21.29 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

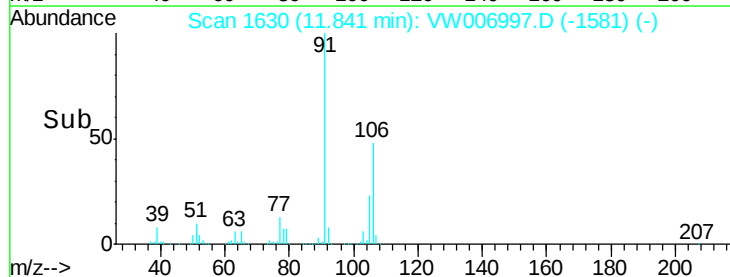
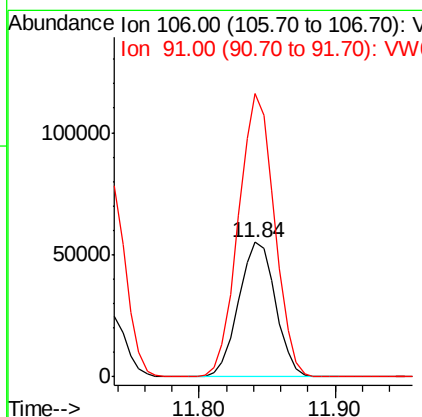
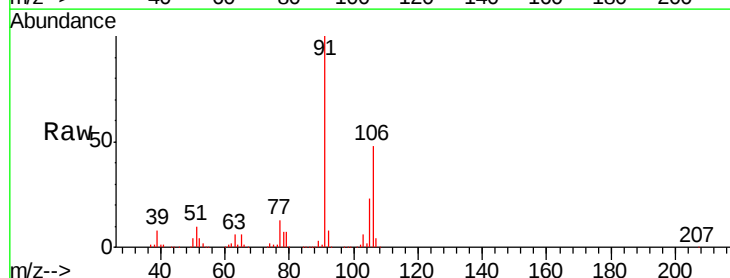
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

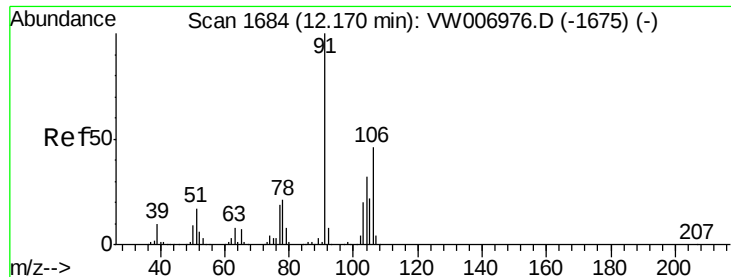
Tgt Ion: 91 Resp: 133450
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2



#68
m/p-Xylenes
Concen: 42.39 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 106 Resp: 104265
Ion Ratio Lower Upper
106 100
91 205.8 164.8 247.2

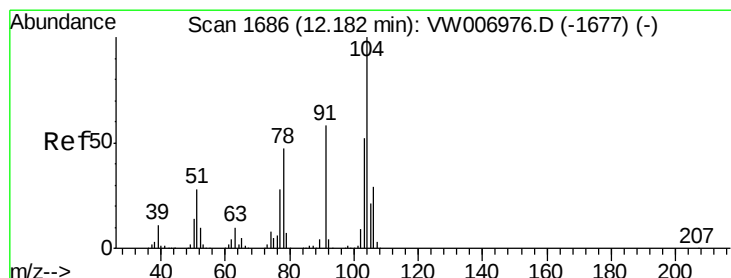
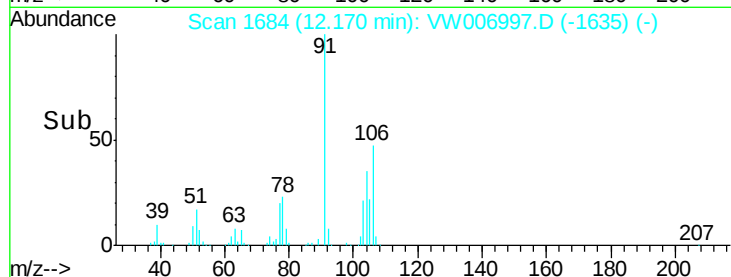
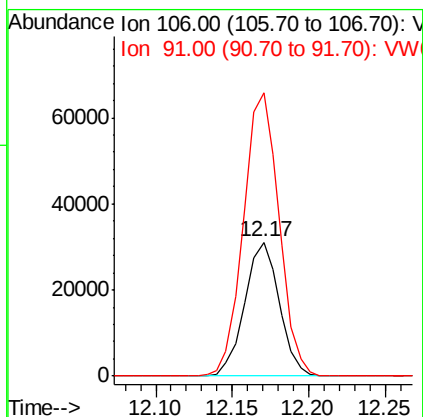
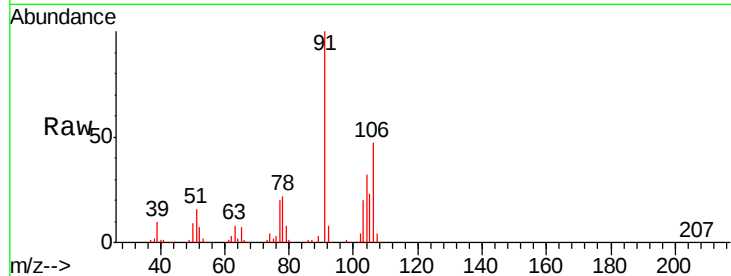




#69
o-Xylene
Concen: 21.16 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

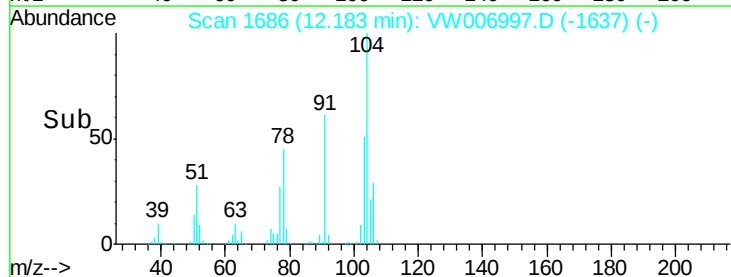
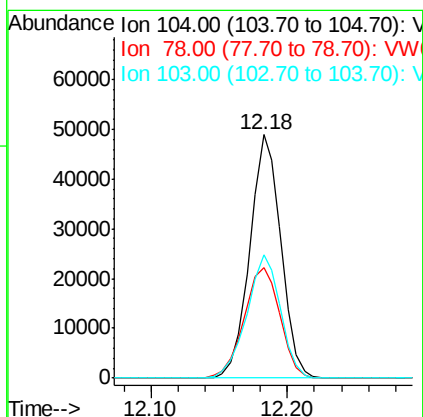
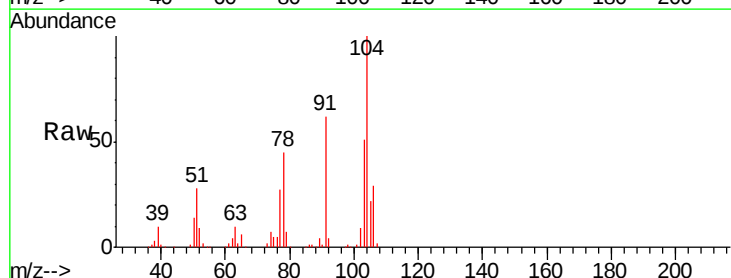
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

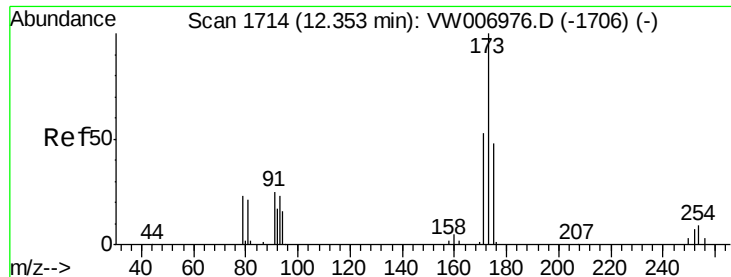
Tgt Ion:106 Resp: 49068
Ion Ratio Lower Upper
106 100
91 216.4 107.9 323.8



#70
Styrene
Concen: 21.26 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:104 Resp: 78481
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 54.6 44.4 66.6





#71

Bromoform

Concen: 20.67 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

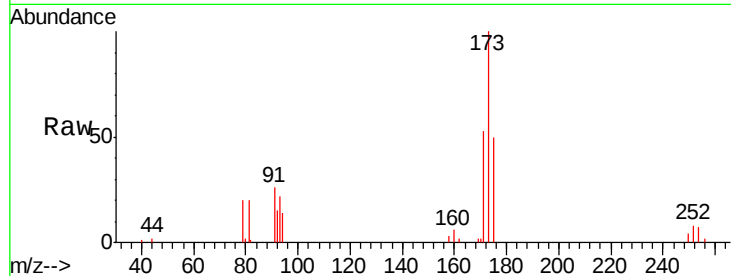
Tgt Ion:173 Resp: 10053

Ion Ratio Lower Upper

173 100

175 49.3 24.0 72.0

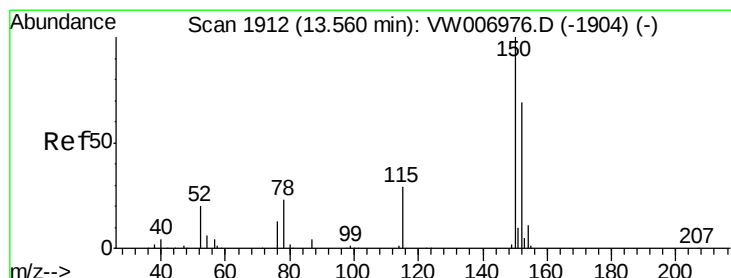
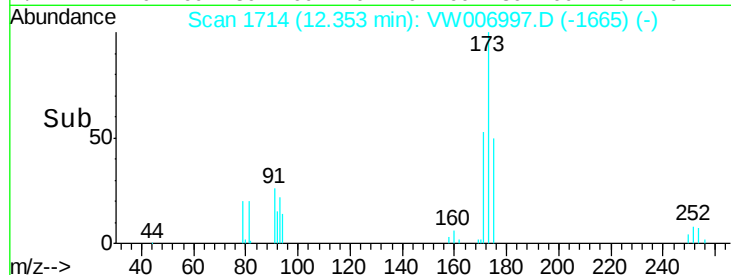
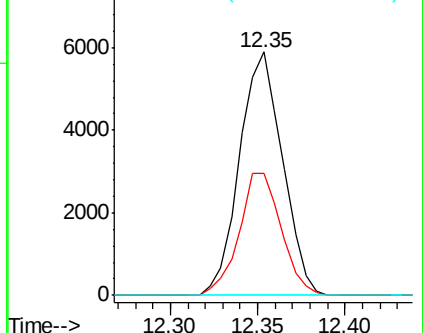
254 0.0 0.0 0.0



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: VW006997.D

Acq: 21 Nov 2018 13:12

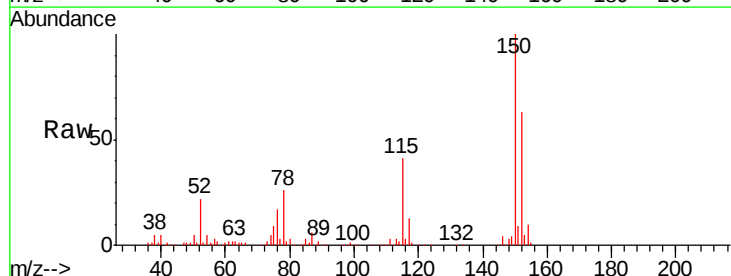
Tgt Ion:152 Resp: 82261

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

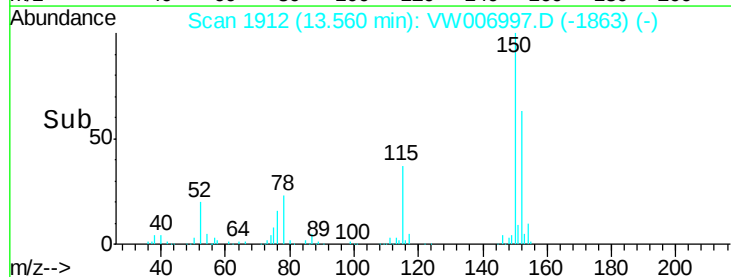
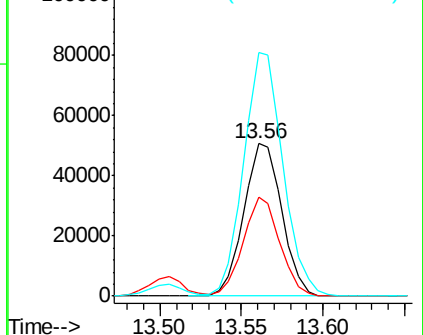
150 164.9 0.0 353.4

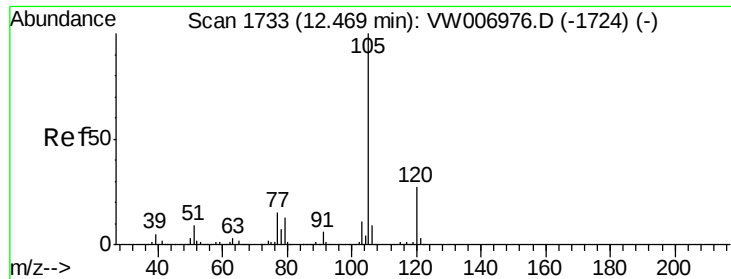


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.40 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

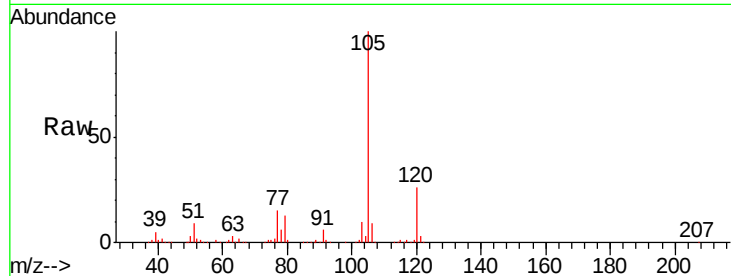
VW1122SBSD01

Tgt Ion:105 Resp: 136787

Ion Ratio Lower Upper

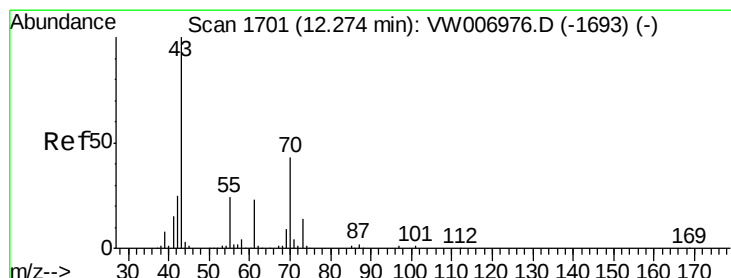
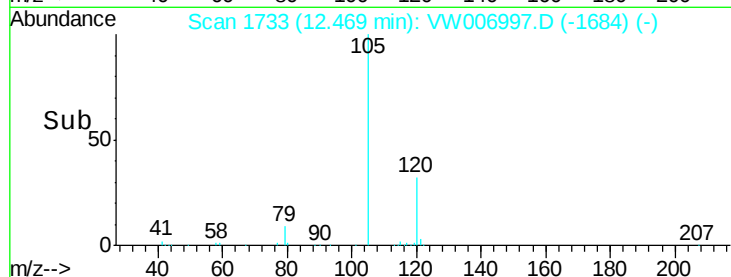
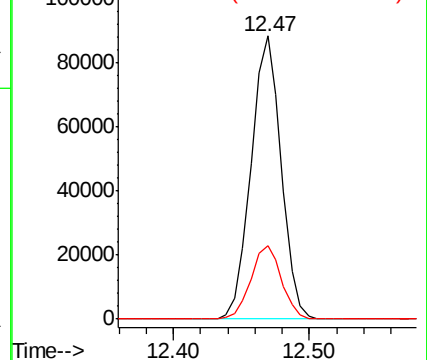
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.91 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Tgt Ion: 43 Resp: 22402

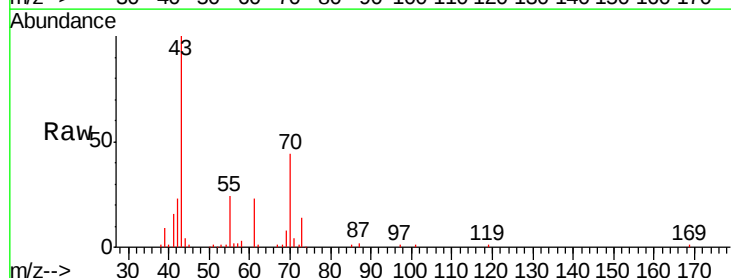
Ion Ratio Lower Upper

43 100

70 42.8 34.0 51.0

55 24.7 19.4 29.0

61 24.1 19.4 29.2

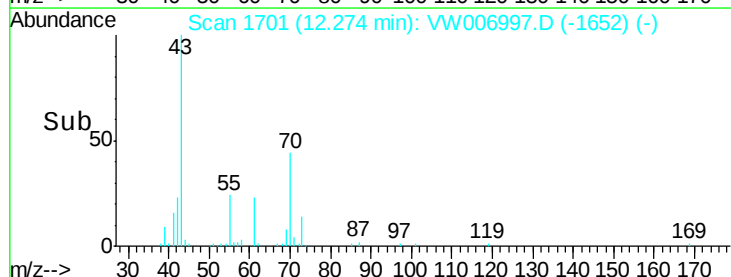
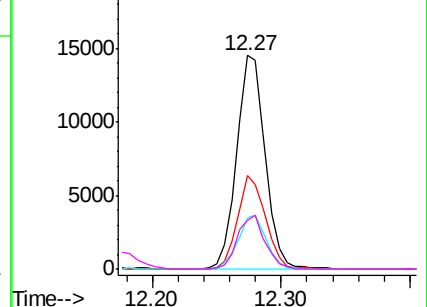


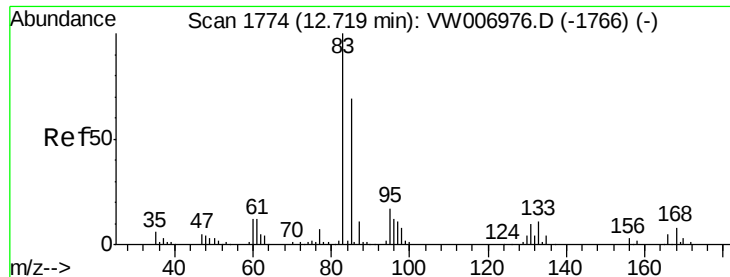
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.47 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

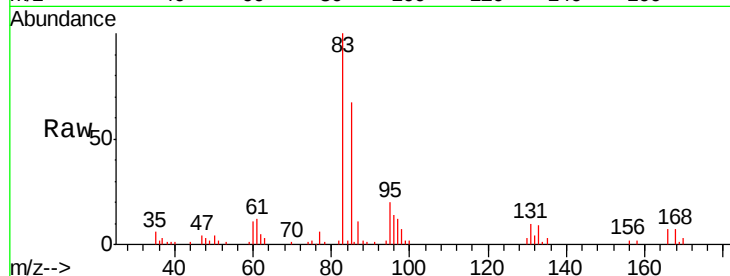
Tgt Ion: 83 Resp: 17416

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

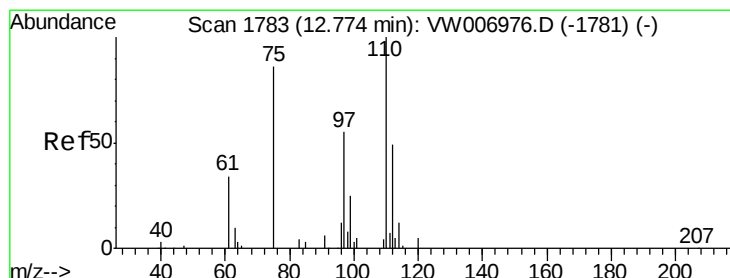
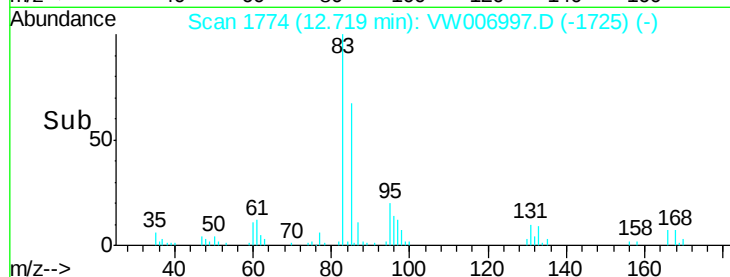
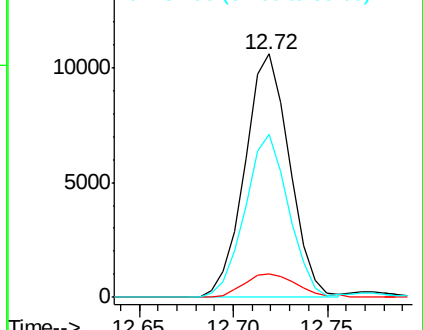
85 65.3 33.1 99.2



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: 36.60 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006997.D

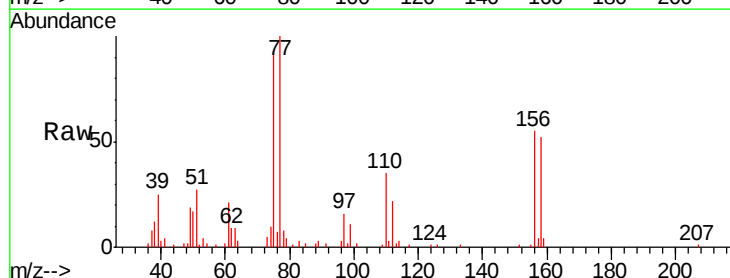
Acq: 21 Nov 2018 13:12

Tgt Ion: 75 Resp: 23659

Ion Ratio Lower Upper

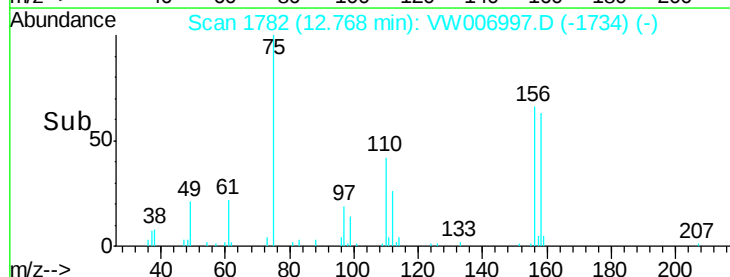
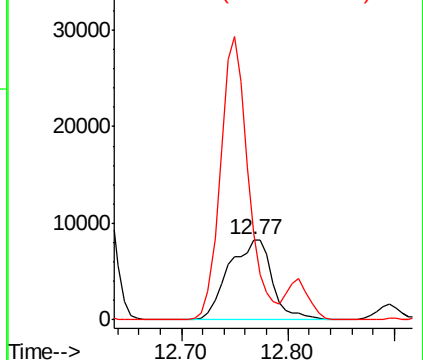
75 100

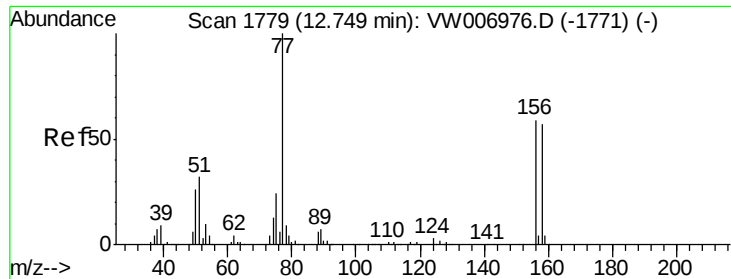
77 226.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.19 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

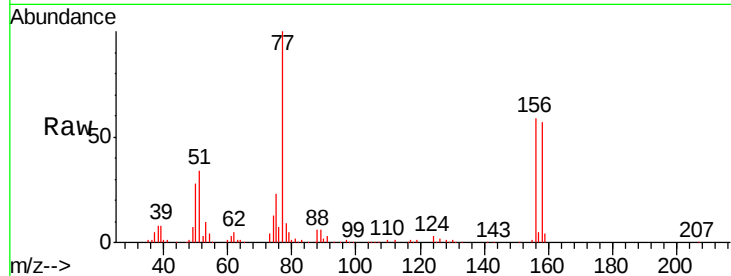
Tgt Ion:156 Resp: 29095

Ion Ratio Lower Upper

156 100

77 184.0 94.6 283.8

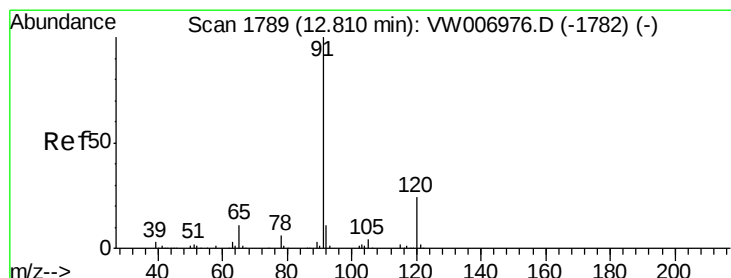
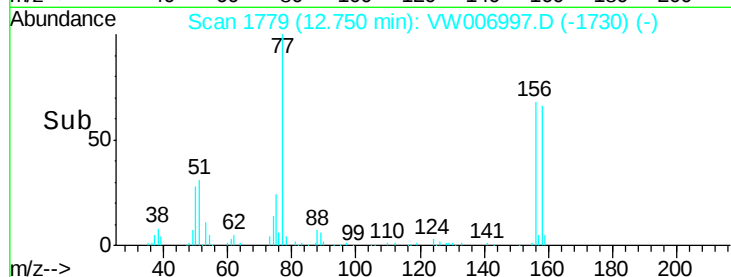
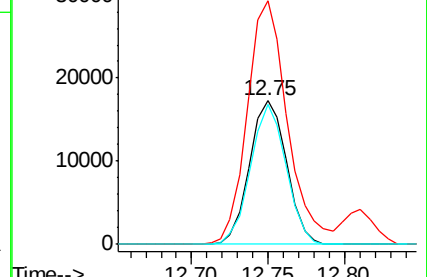
158 93.7 48.9 146.7



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: 21.21 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006997.D

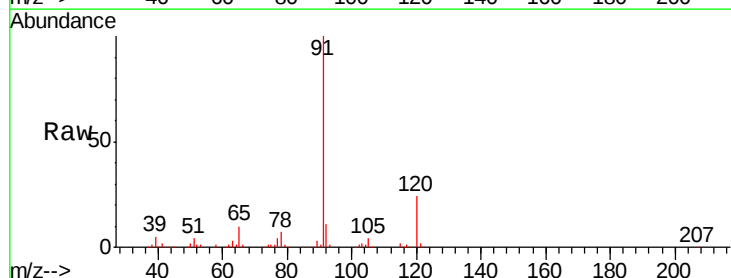
Acq: 21 Nov 2018 13:12

Tgt Ion: 91 Resp: 164291

Ion Ratio Lower Upper

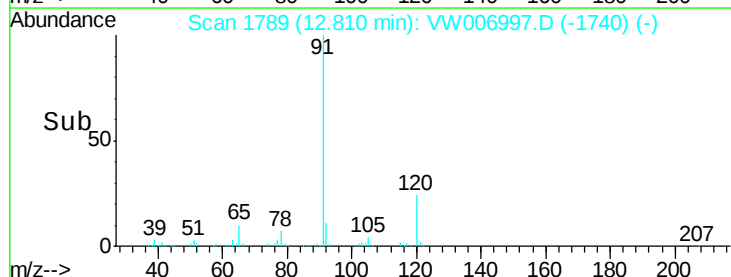
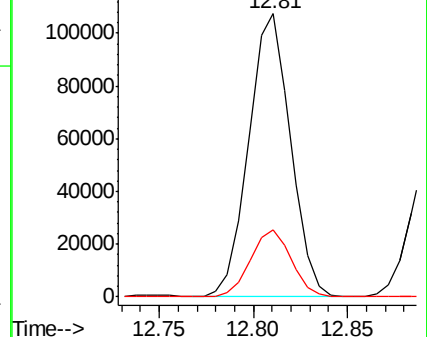
91 100

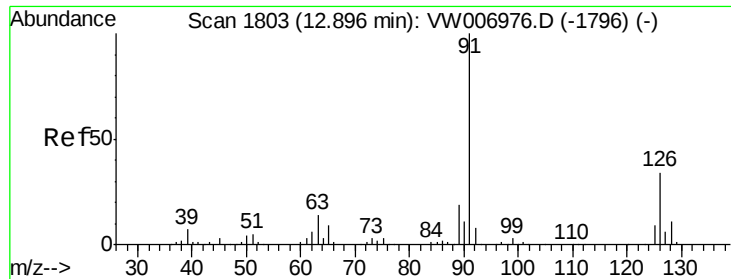
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

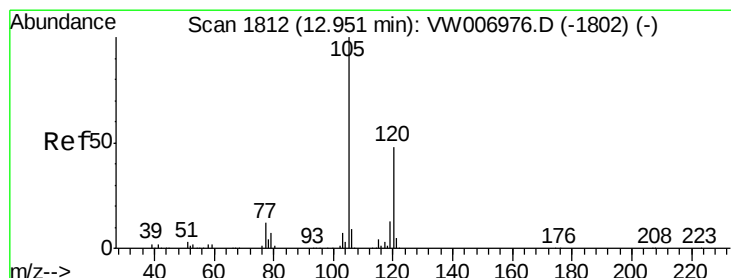
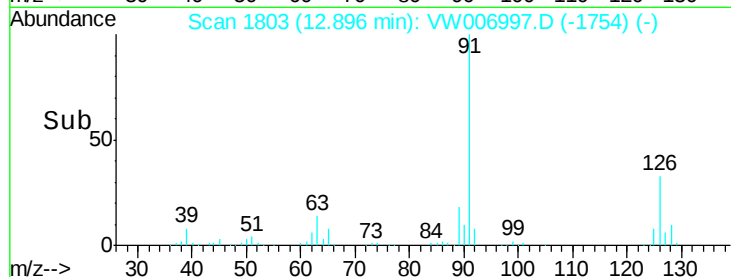
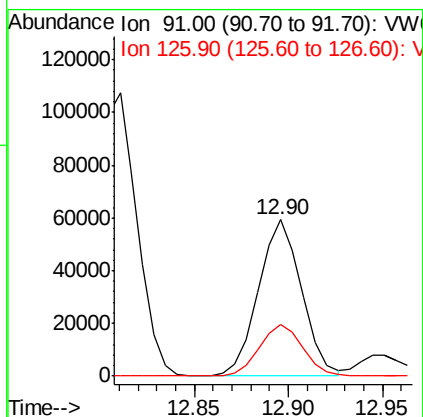
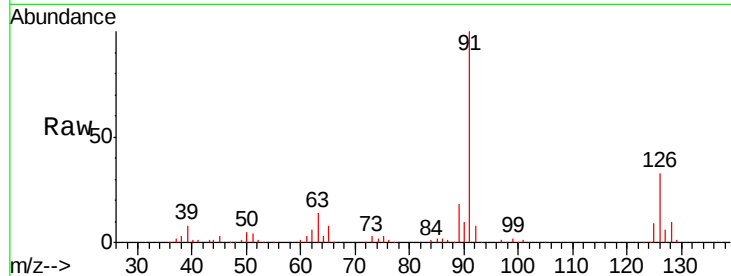




#79
 2-Chlorotoluene
 Concen: 20.94 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

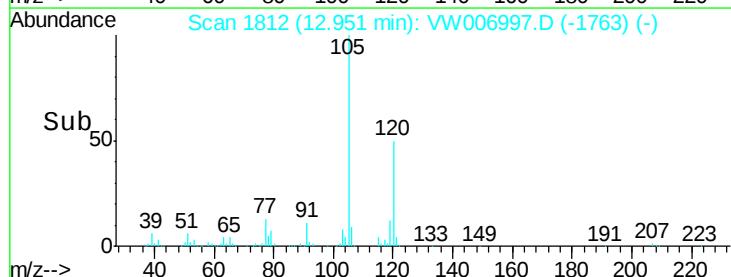
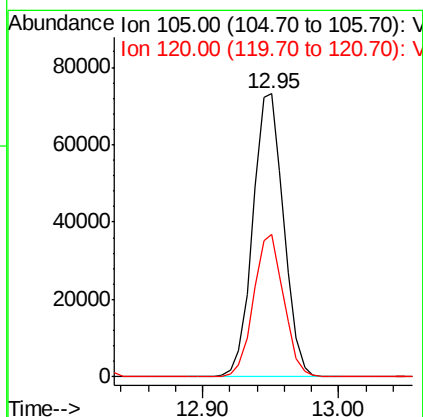
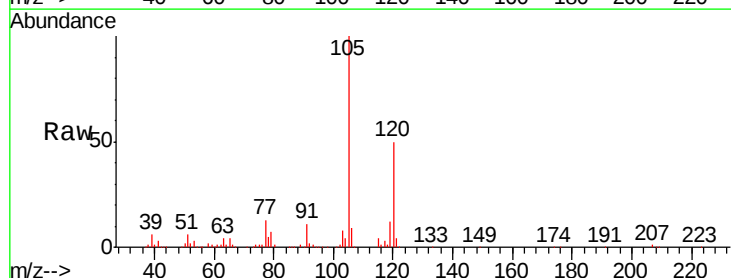
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

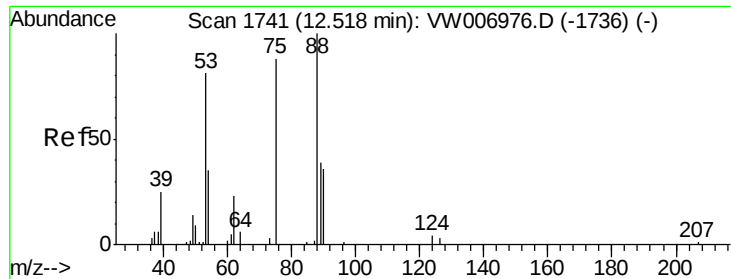
Tgt Ion: 91 Resp: 93496
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.07 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion: 105 Resp: 116513
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.8 71.2

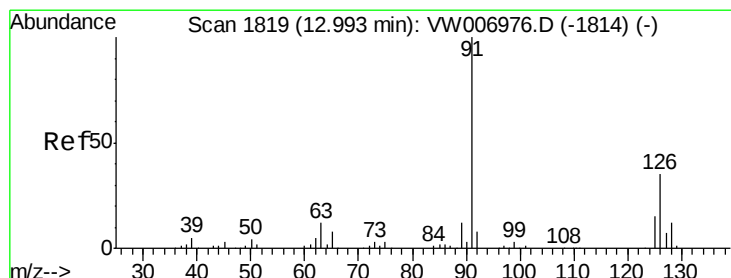
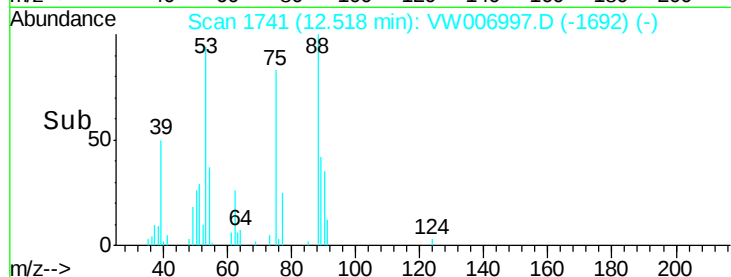
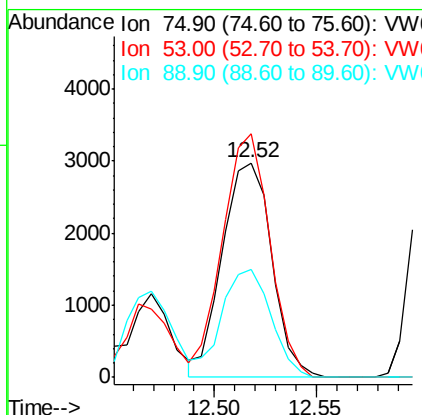
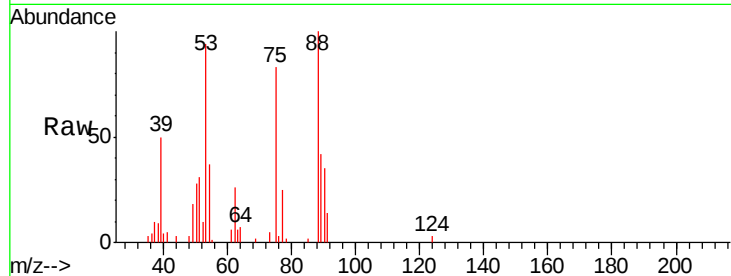




#81
trans-1,4-Dichloro-2-butene
Concen: 19.40 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

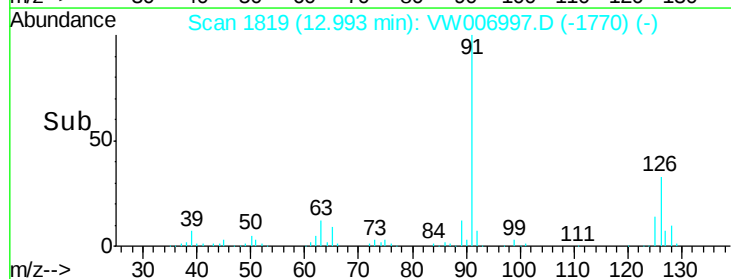
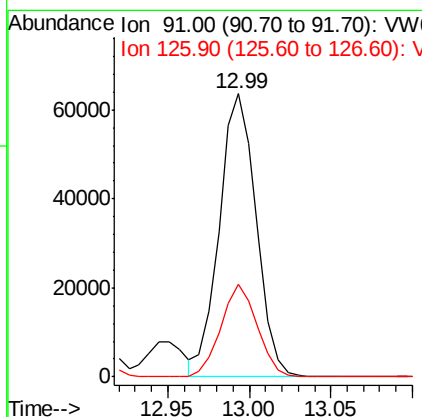
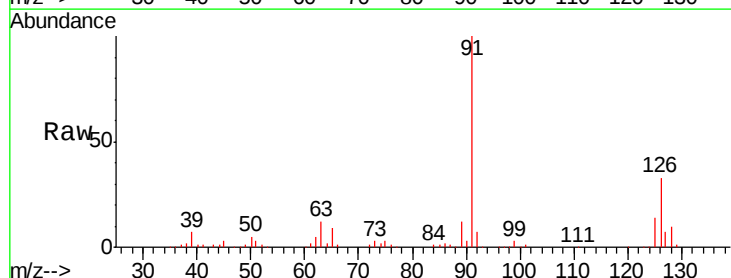
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion: 75 Resp: 4994
Ion Ratio Lower Upper
75 100
53 109.1 77.6 116.4
89 50.7 39.3 58.9



#82
4-Chlorotoluene
Concen: 21.26 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion: 91 Resp: 99641
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7

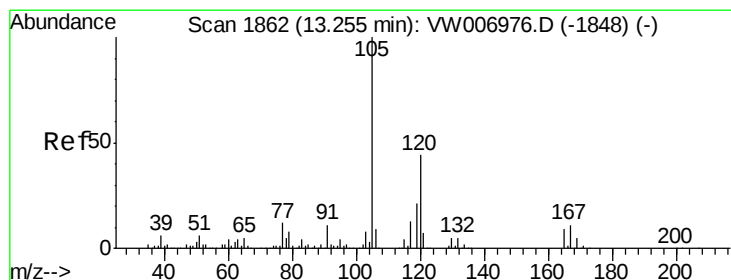
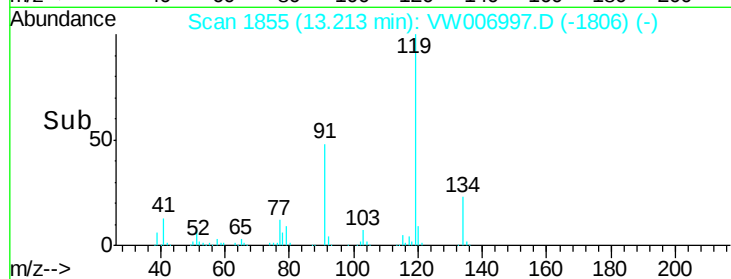
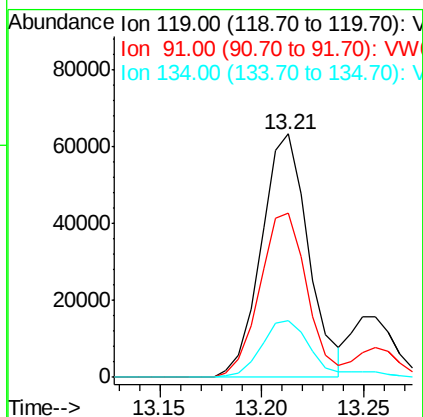
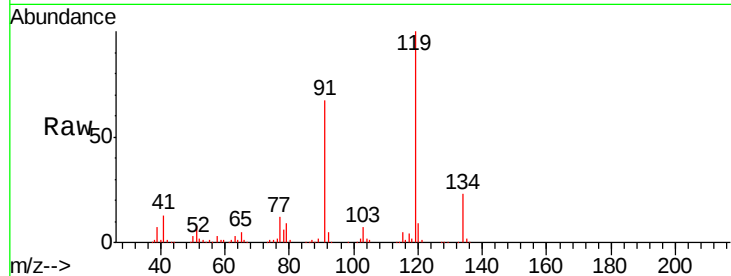




#83
tert-Butylbenzene
Concen: 21.29 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

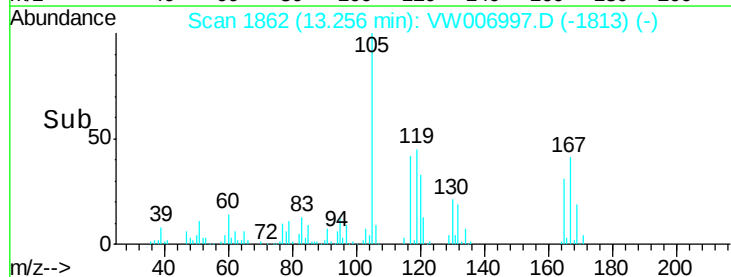
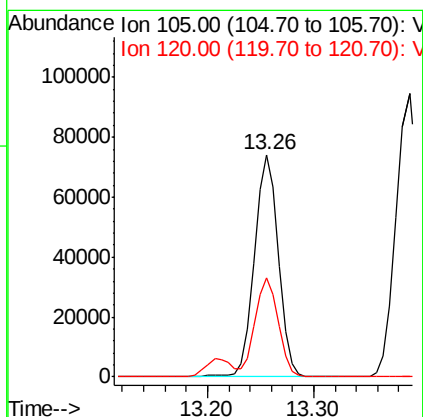
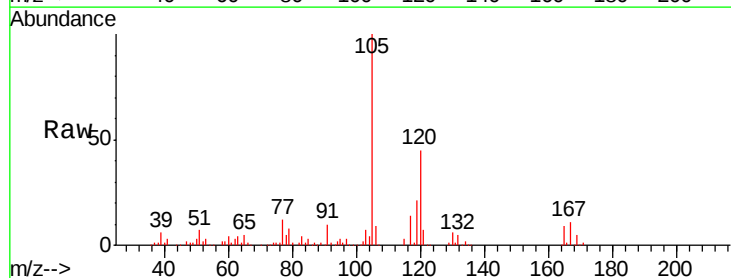
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

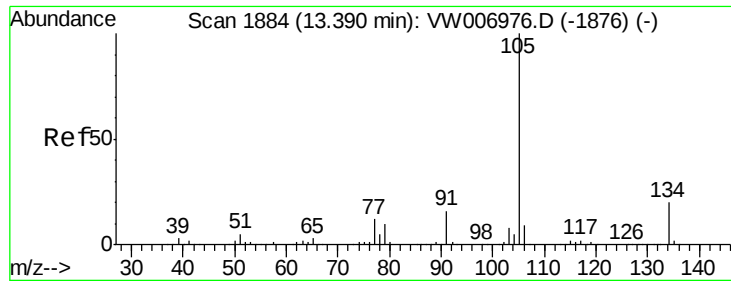
Tgt Ion:119 Resp: 101881
Ion Ratio Lower Upper
119 100
91 67.6 33.5 100.5
134 25.8 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 21.21 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:105 Resp: 116853
Ion Ratio Lower Upper
105 100
120 43.1 21.8 65.3

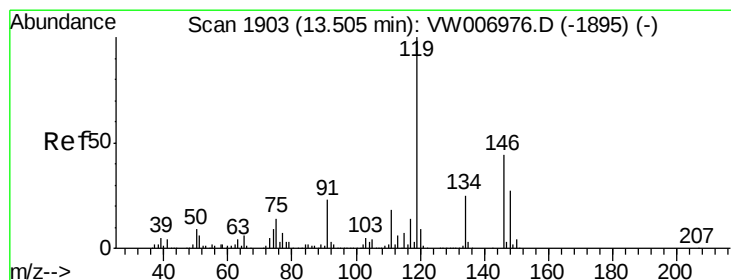
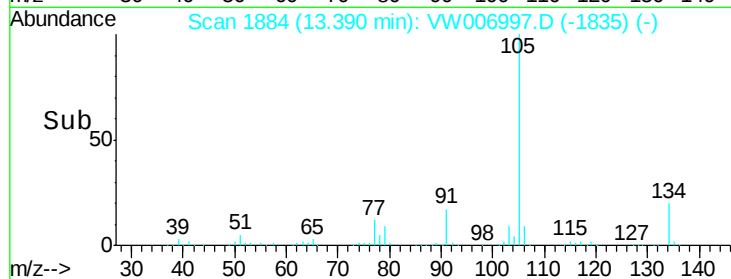
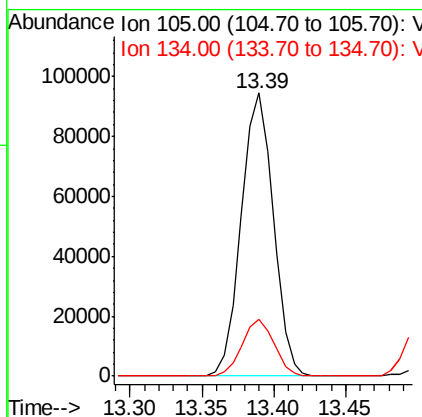
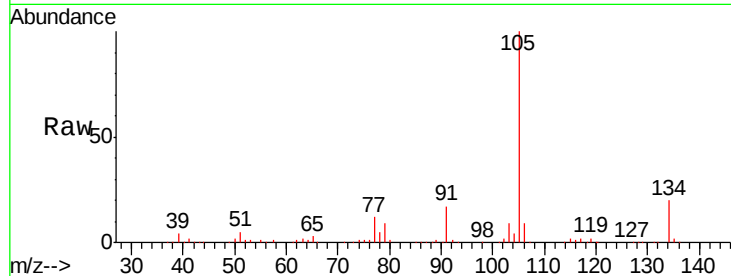




#85
 sec-Butylbenzene
 Concen: 21.57 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

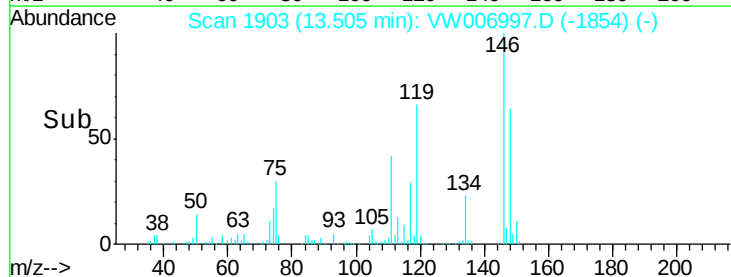
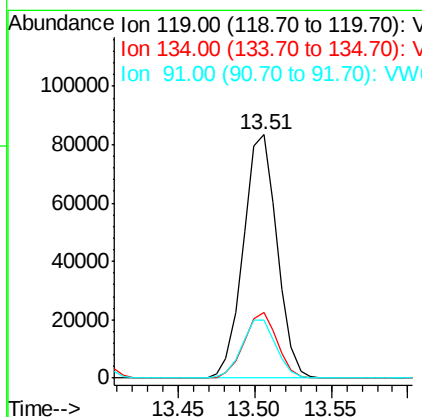
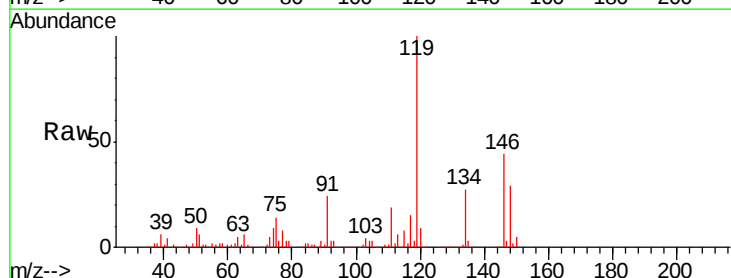
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

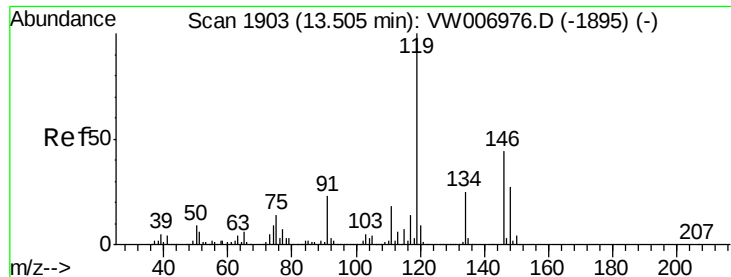
Tgt Ion:105 Resp: 145881
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.35 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion:119 Resp: 127373
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.4 12.2 36.6

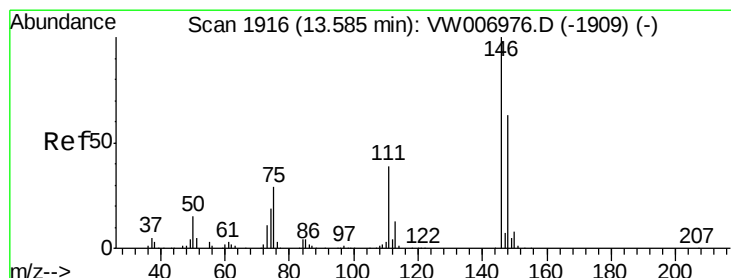
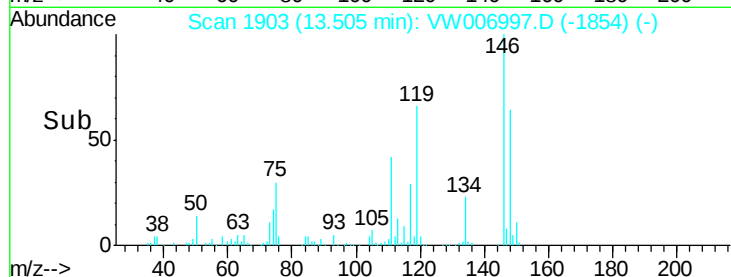
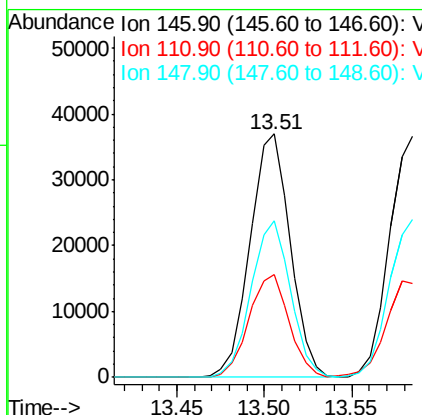
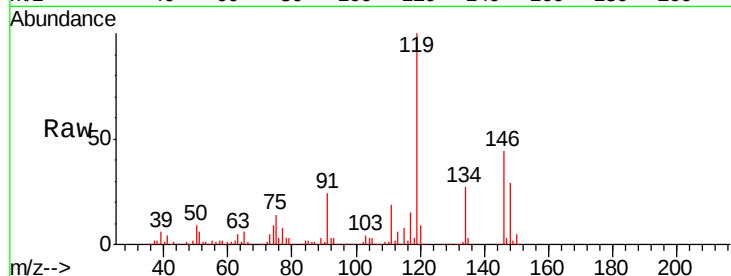




#87
 1,3-Dichlorobenzene
 Concen: 21.32 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

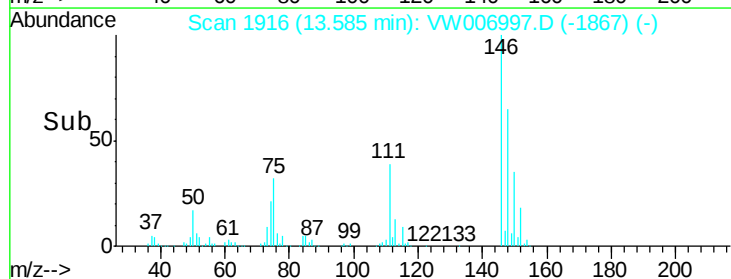
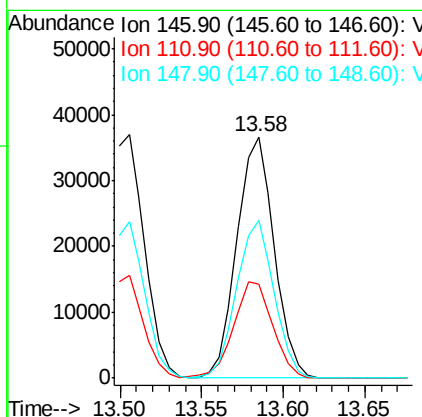
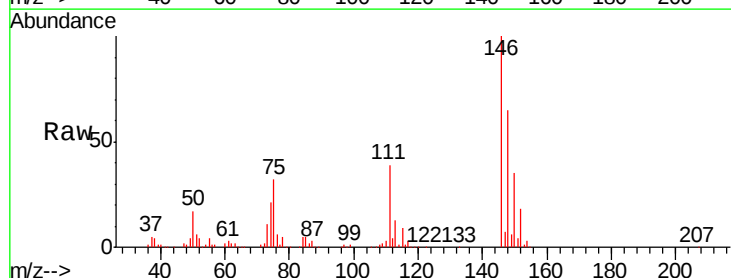
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

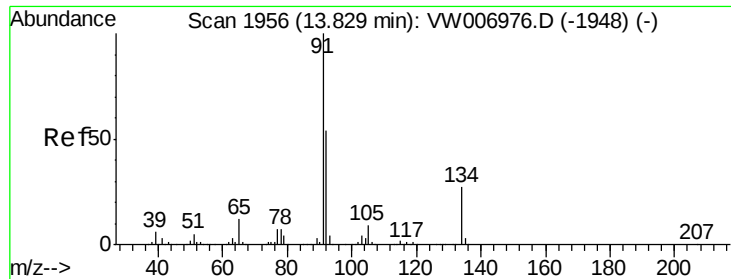
Tgt Ion:146 Resp: 59755
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.87 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion:146 Resp: 58330
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 65.8 32.3 96.8





#89

n-Butylbenzene

Concen: 21.39 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

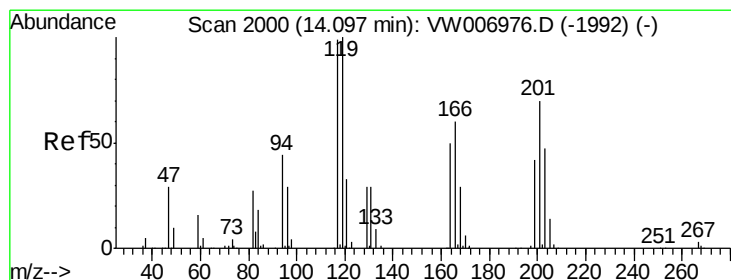
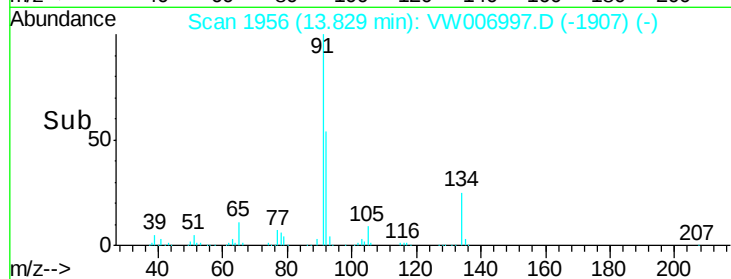
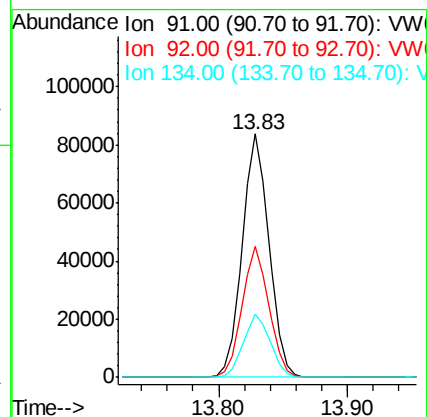
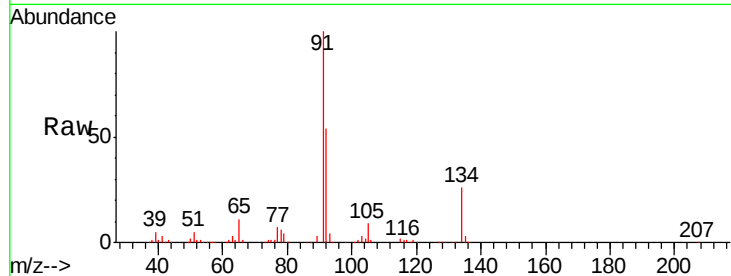
Tgt Ion: 91 Resp: 120079

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.4

134 26.2 13.3 39.8



#90

Hexachloroethane

Concen: 20.69 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006997.D

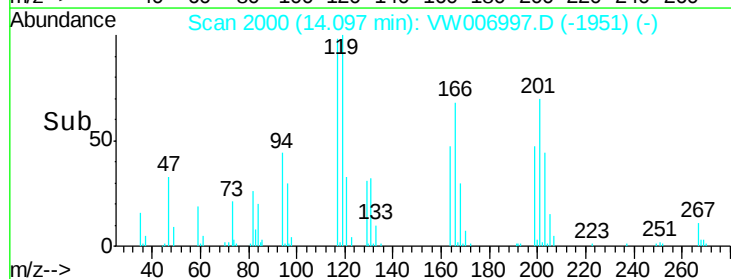
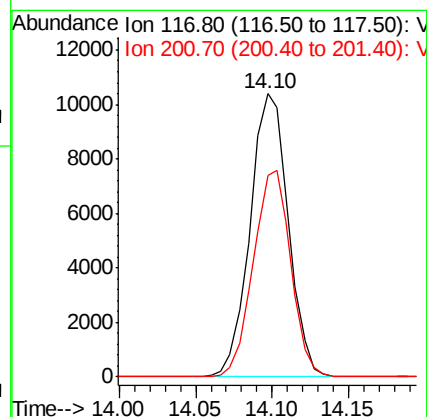
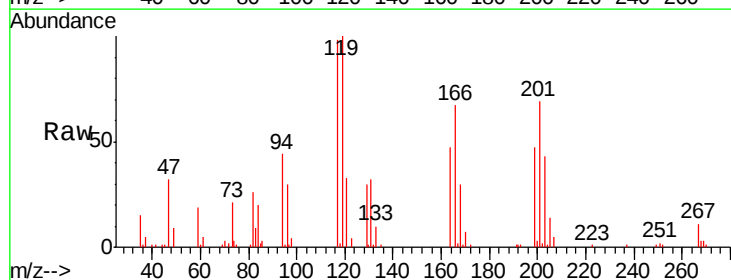
Acq: 21 Nov 2018 13:12

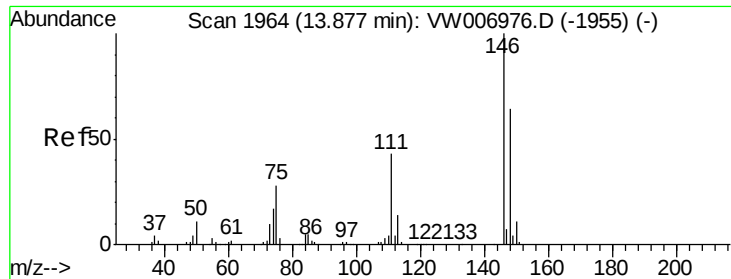
Tgt Ion: 117 Resp: 18023

Ion Ratio Lower Upper

117 100

201 71.5 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 21.16 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

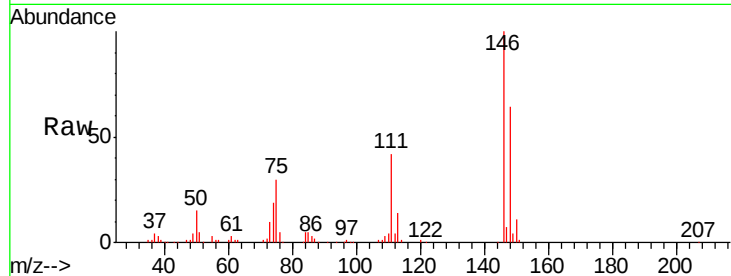
Tgt Ion:146 Resp: 51976

Ion Ratio Lower Upper

146 100

111 42.2 21.9 65.7

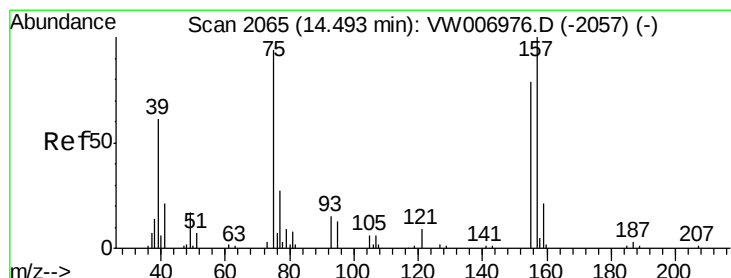
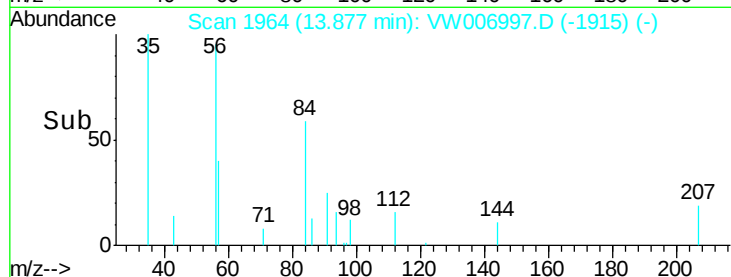
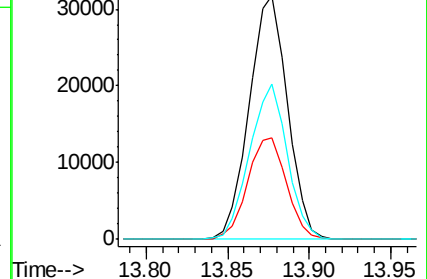
148 62.8 32.2 96.6



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: 20.45 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006997.D

Acq: 21 Nov 2018 13:12

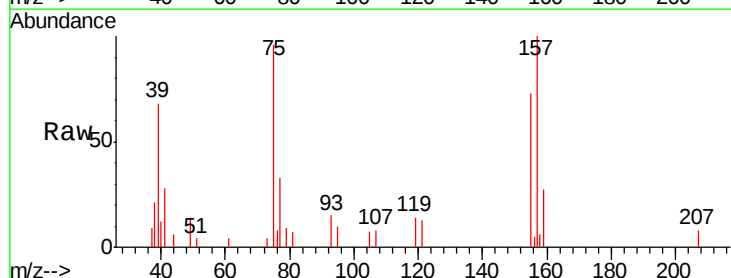
Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

75 100

155 78.8 42.6 127.8

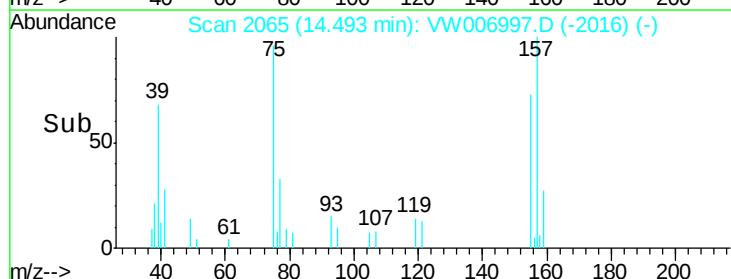
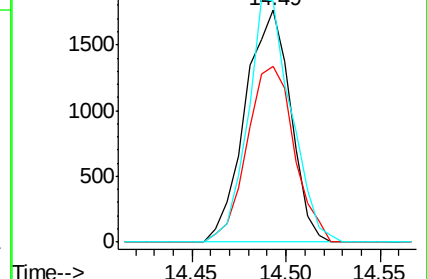
157 100.1 55.0 165.0

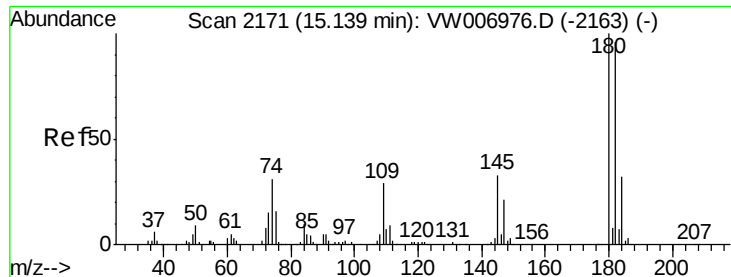


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

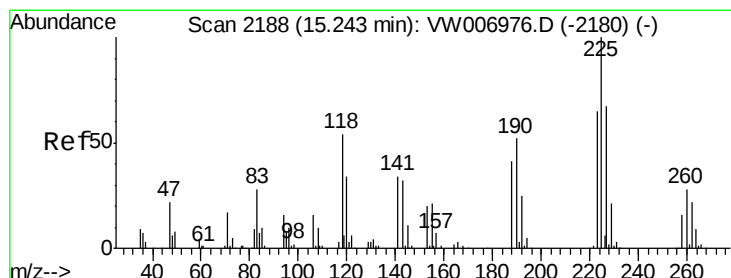
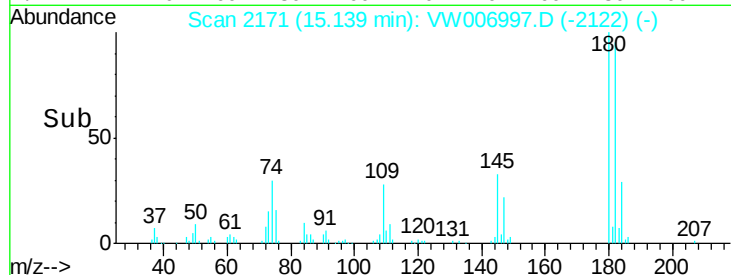
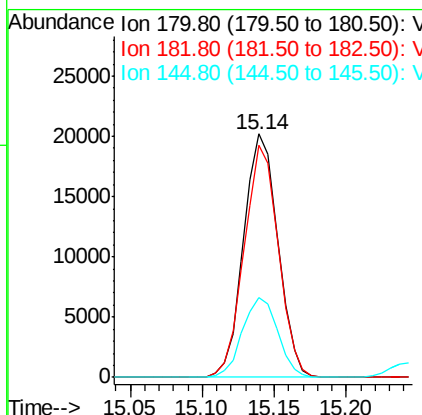
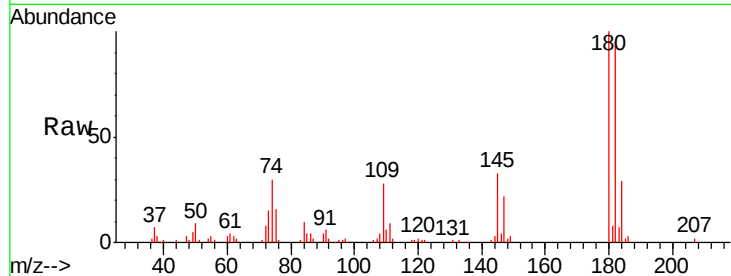




#93
 1,2,4-Trichlorobenzene
 Concen: 20.58 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

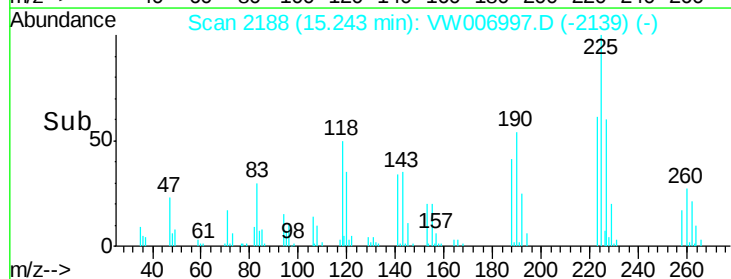
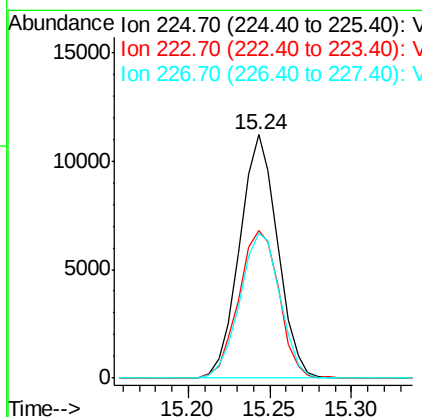
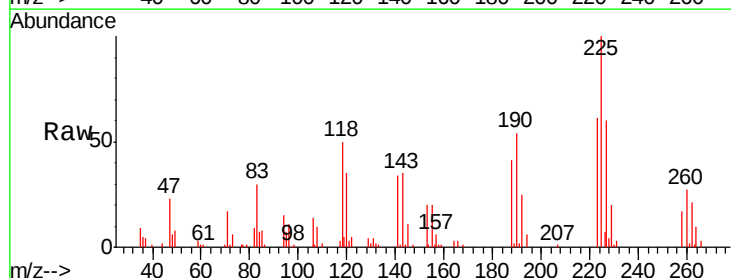
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

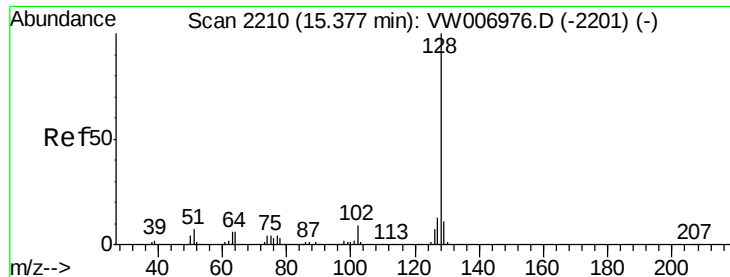
Tgt Ion:180 Resp: 33335
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.1 141.3
 145 33.6 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 20.66 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006997.D
 Acq: 21 Nov 2018 13:12

Tgt Ion:225 Resp: 18194
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.4 97.0
 227 62.7 31.9 95.5

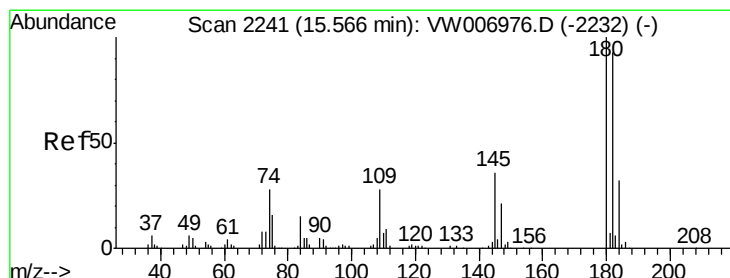
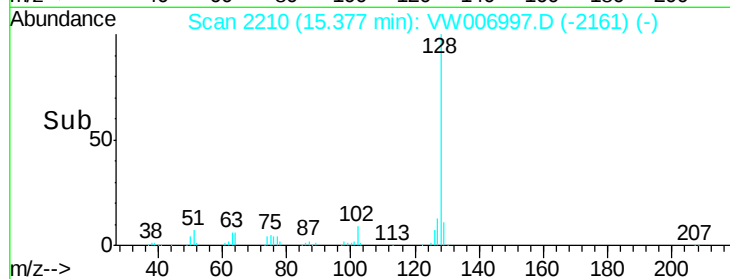
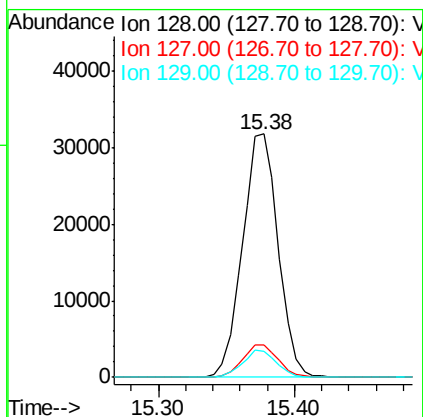
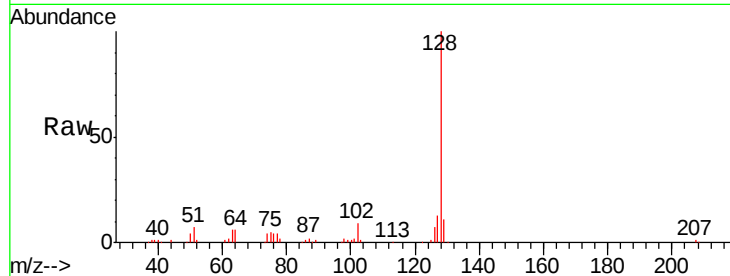




#95
Naphthalene
Concen: 19.81 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion:128 Resp: 58232
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006997.D
Acq: 21 Nov 2018 13:12

Tgt Ion:180 Resp: 27764
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.2
145 35.1 18.0 54.0

