

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW007000.D
 Acq On : 21 Nov 2018 15:15
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Quant Time: Nov 21 16:26:48 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	118865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56055	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.88	113	52073	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	227946	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	85618	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	29271	24.94	ug/l	99
3) Chloromethane	2.21	50	22646	23.15	ug/l	95
4) Vinyl Chloride	2.36	62	22579	23.46	ug/l	99
5) Bromomethane	2.78	94	11280	21.96	ug/l	100
6) Chloroethane	2.92	64	11695	22.05	ug/l	91
7) Trichlorofluoromethane	3.26	101	43505	22.99	ug/l	94
8) Diethyl Ether	3.68	74	12698	20.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	28818	23.49	ug/l	99
10) Methyl Iodide	4.28	142	26703	19.02	ug/l	99
11) Tert butyl alcohol	5.21	59	6947	91.70	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	24103	22.40	ug/l	99
13) Acrolein	3.90	56	7822	100.54	ug/l	96
14) Allyl chloride	4.67	41	38602	21.63	ug/l	99
15) Acrylonitrile	5.38	53	22161	96.71	ug/l	98
16) Acetone	4.15	43	16853	99.75	ug/l	98
17) Carbon Disulfide	4.39	76	76629	22.03	ug/l	99
18) Methyl Acetate	4.68	43	10520	17.48	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	56698	20.18	ug/l	100
20) Methylene Chloride	4.92	84	29399	18.42	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	27409	21.87	ug/l	99
22) Diisopropyl ether	6.31	45	72994	21.02	ug/l	97
23) Vinyl Acetate	6.26	43	193231	104.76	ug/l	98
24) 1,1-Dichloroethane	6.22	63	44652	21.13	ug/l	99
25) 2-Butanone	7.18	43	27735	95.84	ug/l	94
26) 2,2-Dichloropropane	7.17	77	44606	23.48	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	28242	21.16	ug/l	97
28) Bromochloromethane	7.51	49	15054	19.06	ug/l #	98
29) Tetrahydrofuran	7.54	42	17380	92.73	ug/l	99
30) Chloroform	7.68	83	46210	20.59	ug/l	96
31) Cyclohexane	7.95	56	52089	23.24	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	47091	23.29	ug/l	98
36) 1,1-Dichloropropene	8.09	75	42474	23.46	ug/l	98
37) Ethyl Acetate	7.26	43	13172	20.08	ug/l	96
38) Carbon Tetrachloride	8.07	117	40554	23.39	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50782	22.41	ug/l	97
40) Benzene	8.32	78	105672	21.62	ug/l	100
41) Methacrylonitrile	7.49	41	8601	21.11	ug/l	89
42) 1,2-Dichloroethane	8.40	62	30012	21.15	ug/l	99
43) Isopropyl Acetate	8.43	43	24509	19.60	ug/l	99
44) Trichloroethene	9.09	130	30556	22.30	ug/l	97
45) 1,2-Dichloropropane	9.37	63	26290	21.82	ug/l	100
46) Dibromomethane	9.46	93	12223	20.26	ug/l	99
47) Bromodichloromethane	9.65	83	34136	21.47	ug/l	96
48) Methyl methacrylate	9.43	41	12613	20.92	ug/l	90
49) 1,4-Dioxane	9.48	88	3378	376.70	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	59888	94.78	ug/l	99
52) Toluene	10.39	92	71724	21.56	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	31518	20.47	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	39557	21.26	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17962	20.24	ug/l	98
56) Ethyl methacrylate	10.65	69	20234	19.64	ug/l	100
57) 1,3-Dichloropropane	10.93	76	30416	20.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	50034	92.93	ug/l	99
59) 2-Hexanone	10.97	43	40852	94.41	ug/l	99
60) Dibromochloromethane	11.13	129	20427	20.20	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16665	20.52	ug/l	100
64) Tetrachloroethene	10.87	164	23580	21.70	ug/l	97
65) Chlorobenzene	11.66	112	76934	21.82	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	23288	21.84	ug/l	99
67) Ethyl Benzene	11.73	91	142546	22.01	ug/l	99
68) m/p-Xylenes	11.84	106	111550	43.90	ug/l	99
69) o-Xylene	12.17	106	51793	21.62	ug/l	99
70) Styrene	12.18	104	81257	21.31	ug/l	99
71) Bromoform	12.35	173	10163	20.23	ug/l #	99
73) Isopropylbenzene	12.47	105	145429	22.19	ug/l	100
74) N-amyl acetate	12.27	43	21761	19.81	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	17434	19.99	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24190	36.50	ug/l #	100
77) Bromobenzene	12.75	156	29747	21.13	ug/l	98
78) n-propylbenzene	12.81	91	175433	22.10	ug/l	99
79) 2-Chlorotoluene	12.90	91	99949	21.83	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	122270	21.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5133	19.45	ug/l	92
82) 4-Chlorotoluene	12.99	91	104537	21.76	ug/l	99
83) tert-Butylbenzene	13.21	119	106892	21.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	121142	21.45	ug/l	98
85) sec-Butylbenzene	13.39	105	152102	21.94	ug/l	100
86) p-Isopropyltoluene	13.51	119	133159	21.77	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62070	21.60	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	61081	21.32	ug/l	99
89) n-Butylbenzene	13.83	91	125111	21.74	ug/l	100
90) Hexachloroethane	14.10	117	19487	21.82	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	52903	21.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2710	18.39	ug/l	98

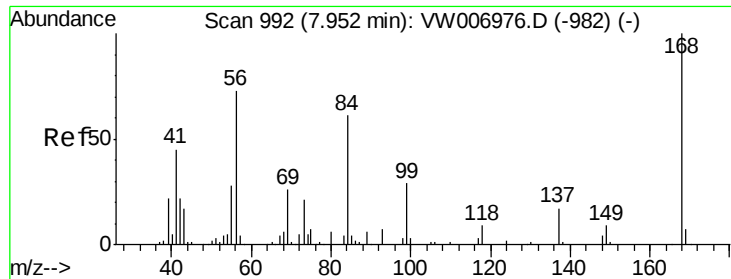
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
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Sample : VW1122SBS01
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MSVOA_W
ClientSampleId :
VW1122SBS01

Quant Time: Nov 21 16:26:48 2018
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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	32615	19.64	ug/l	98
94) Hexachlorobutadiene	15.24	225	18950	20.99	ug/l	99
95) Naphthalene	15.38	128	54558	18.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27179	19.73	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

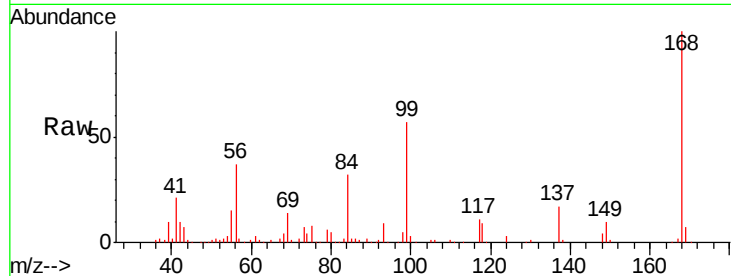
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion: 168 Resp: 118865

Ion Ratio Lower Upper

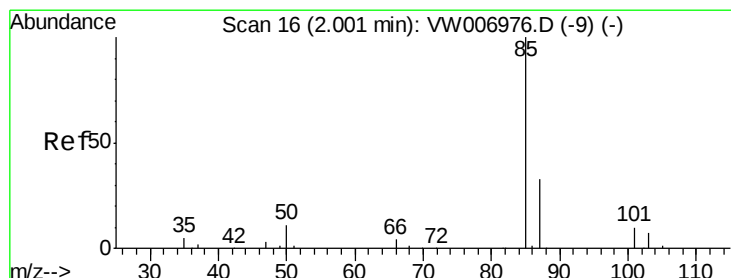
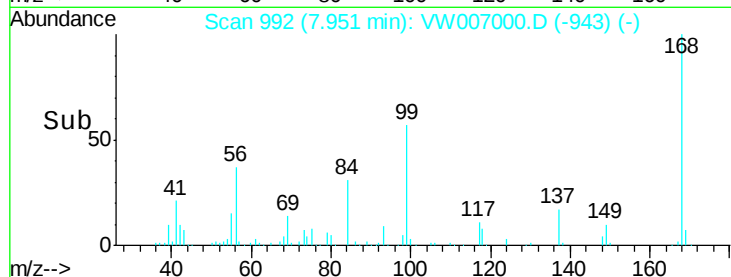
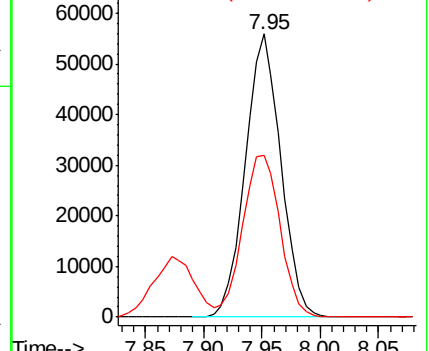
168 100

99 57.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.94 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007000.D

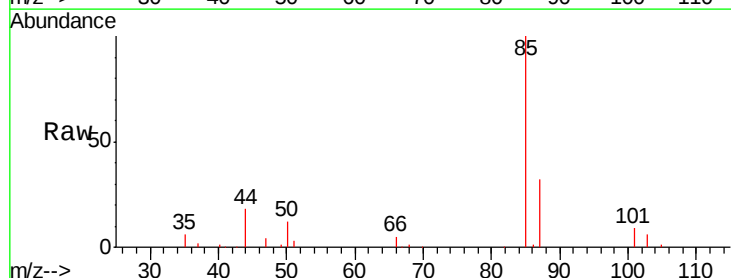
Acq: 21 Nov 2018 15:15

Tgt Ion: 85 Resp: 29271

Ion Ratio Lower Upper

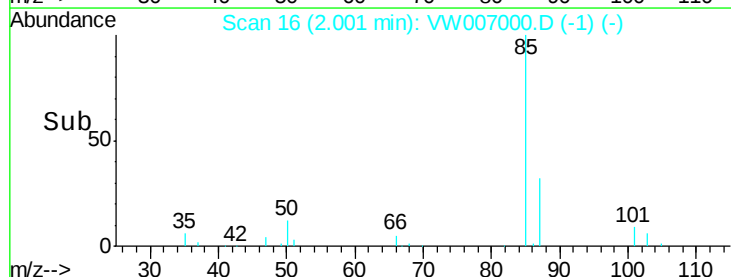
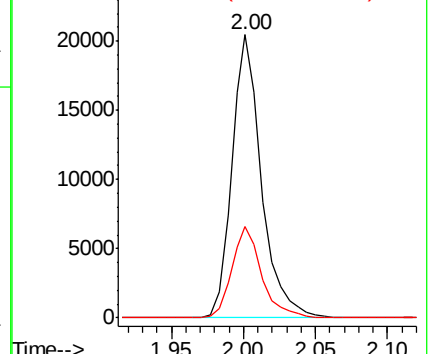
85 100

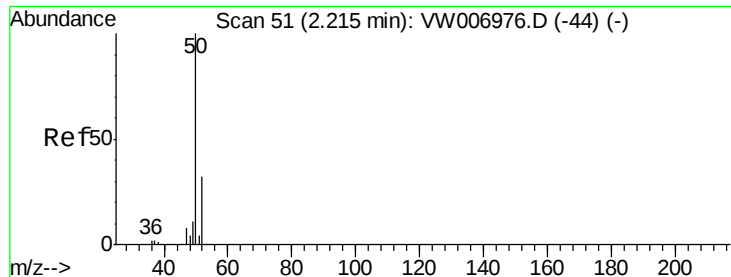
87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.15 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

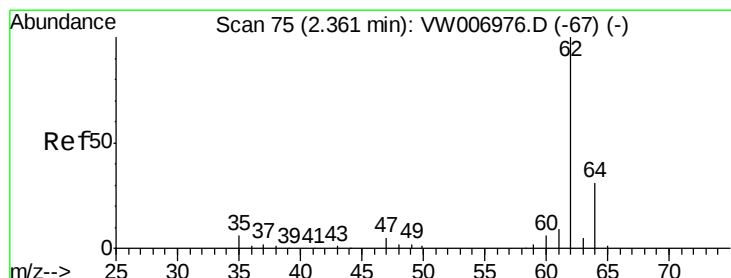
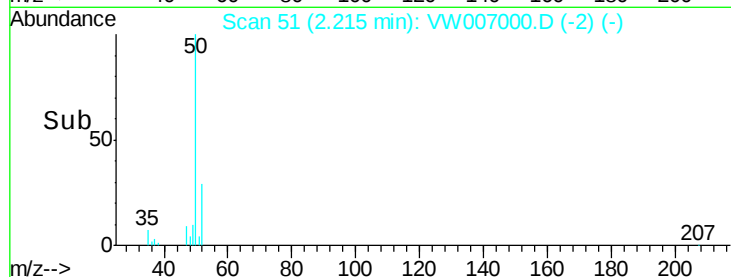
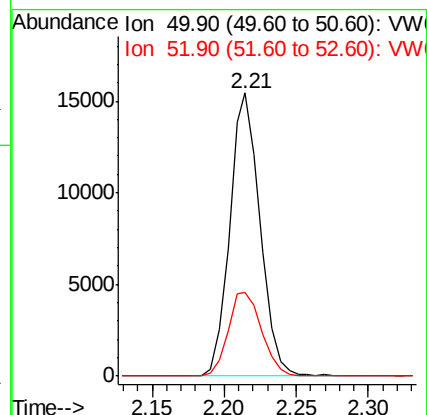
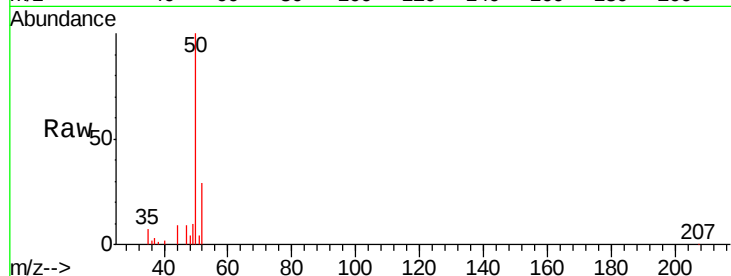
VW1122SBS01

Tgt Ion: 50 Resp: 22646

Ion Ratio Lower Upper

50 100

52 29.4 25.7 38.5



#4

Vinyl Chloride

Concen: 23.46 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007000.D

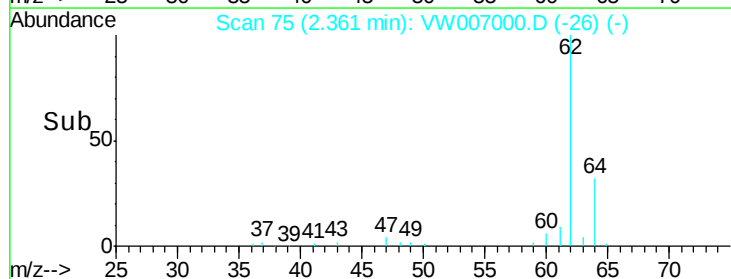
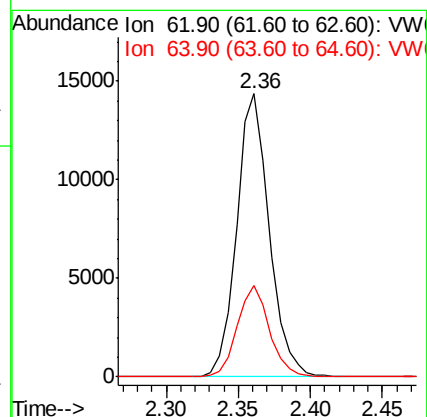
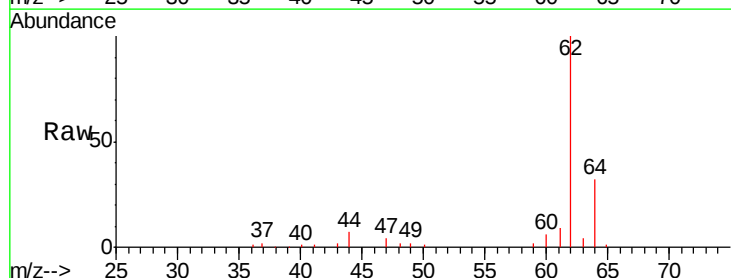
Acq: 21 Nov 2018 15:15

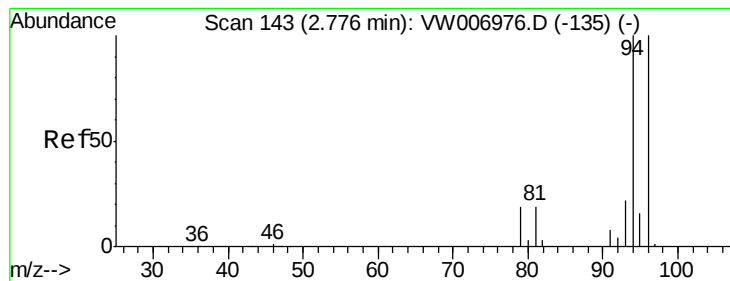
Tgt Ion: 62 Resp: 22579

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 21.96 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

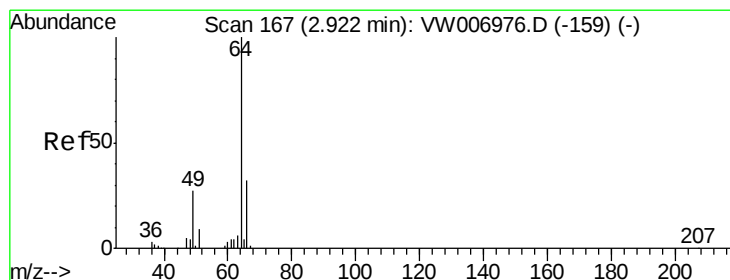
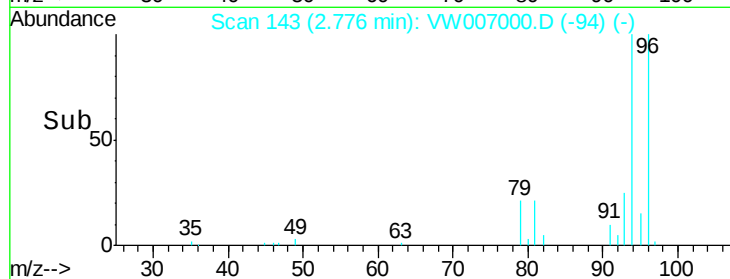
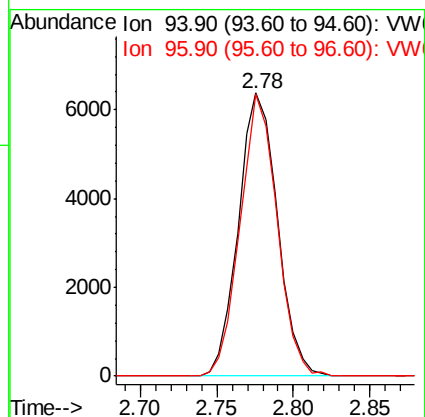
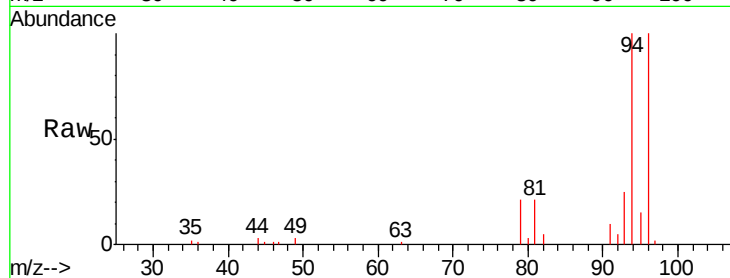
VW1122SBS01

Tgt Ion: 94 Resp: 11280

Ion Ratio Lower Upper

94 100

96 99.7 80.2 120.2



#6

Chloroethane

Concen: 22.05 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007000.D

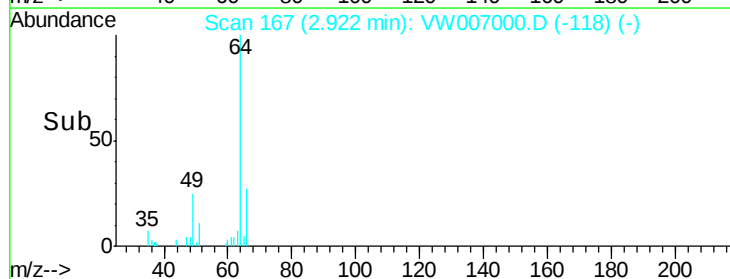
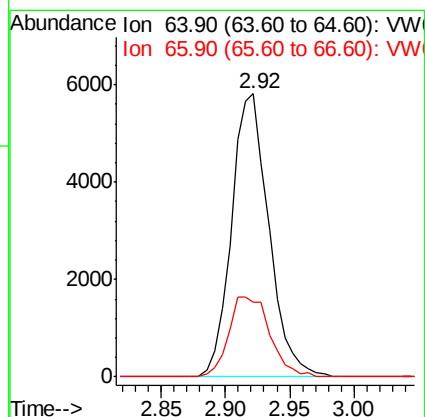
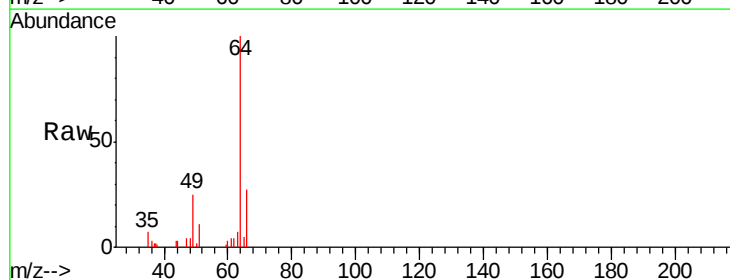
Acq: 21 Nov 2018 15:15

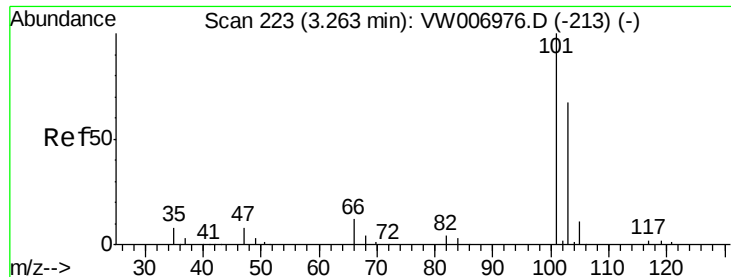
Tgt Ion: 64 Resp: 11695

Ion Ratio Lower Upper

64 100

66 26.6 25.3 37.9





#7

Trichlorofluoromethane

Concen: 22.99 ug/l

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

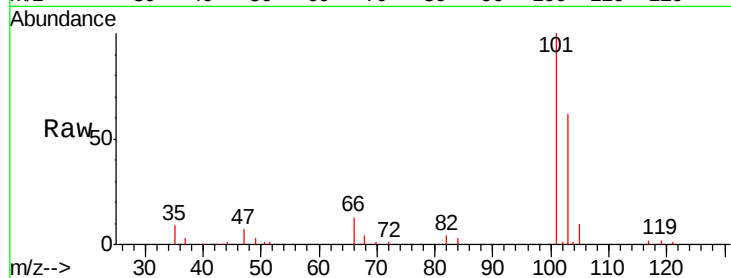
VW1122SBS01

Tgt Ion: 101 Resp: 43505

Ion Ratio Lower Upper

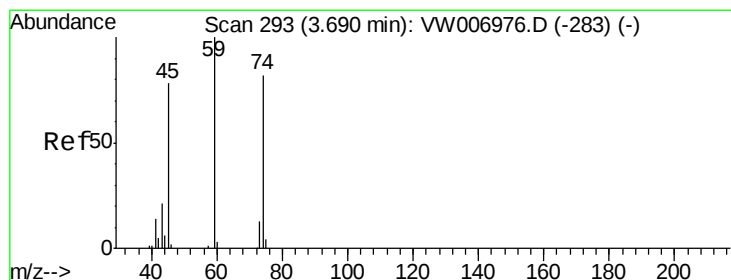
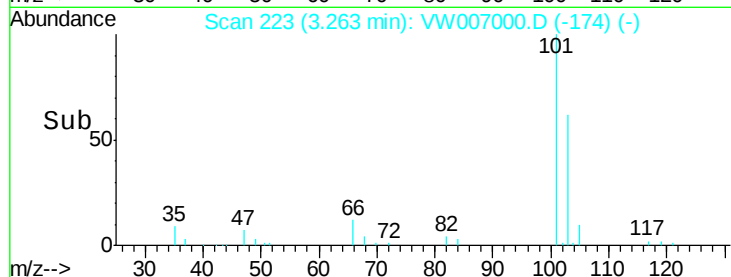
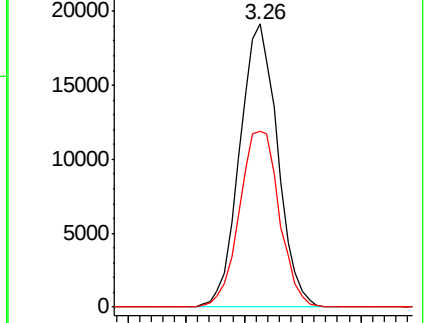
101 100

103 62.2 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: 20.83 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007000.D

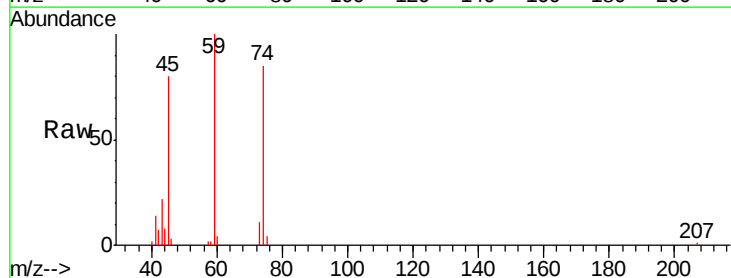
Acq: 21 Nov 2018 15:15

Tgt Ion: 74 Resp: 12698

Ion Ratio Lower Upper

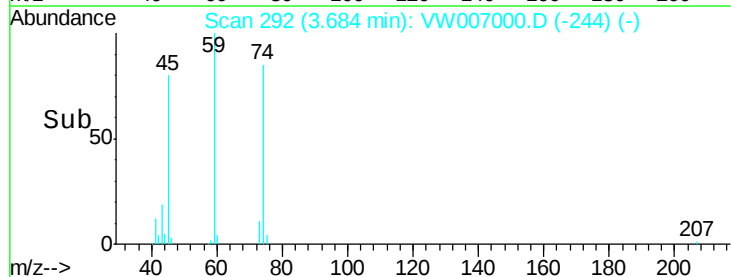
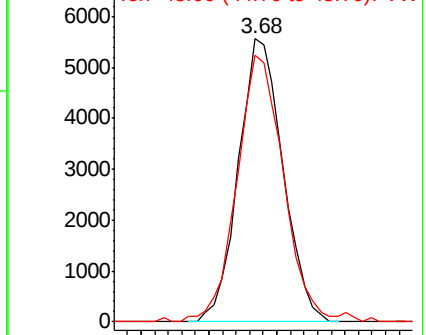
74 100

45 99.6 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: 23.49 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

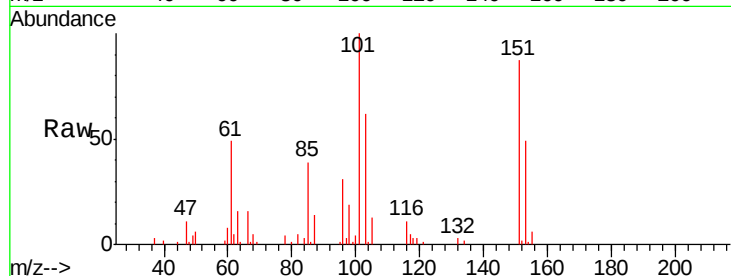
Tgt Ion:101 Resp: 28818

Ion Ratio Lower Upper

101 100

85 42.1 34.3 51.5

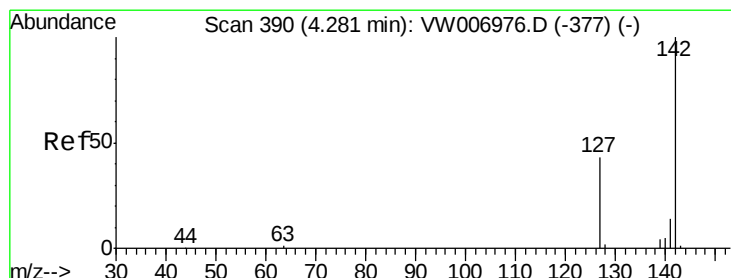
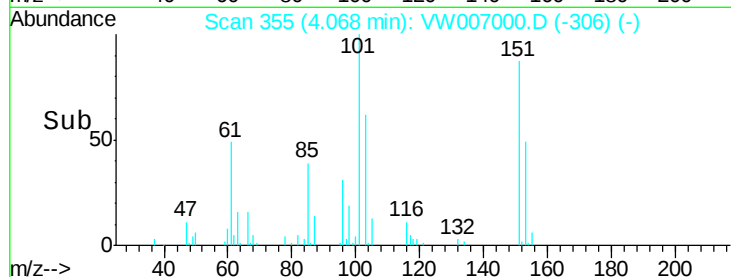
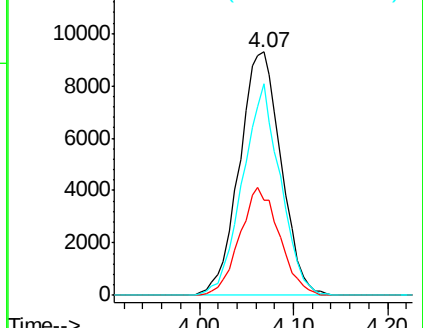
151 78.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.02 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

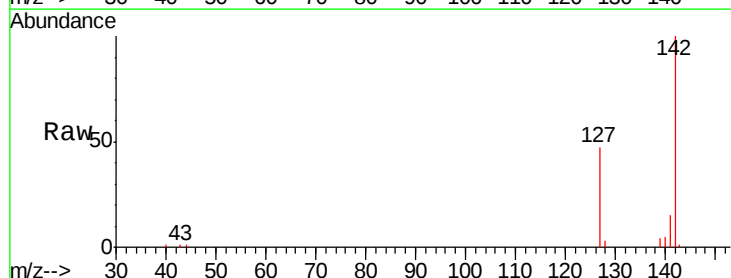
Tgt Ion:142 Resp: 26703

Ion Ratio Lower Upper

142 100

127 43.2 35.3 52.9

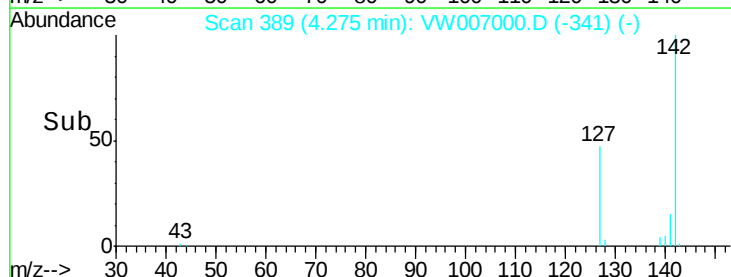
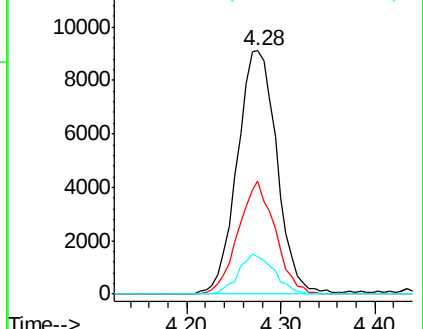
141 14.8 11.7 17.5

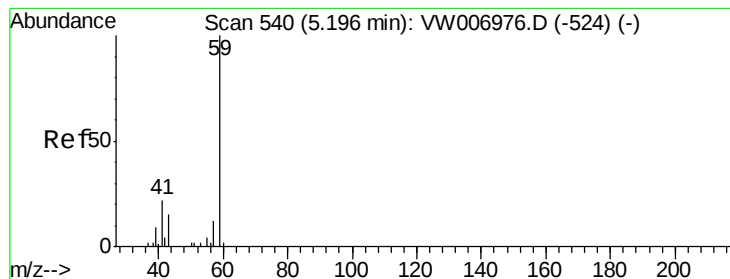


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.70 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

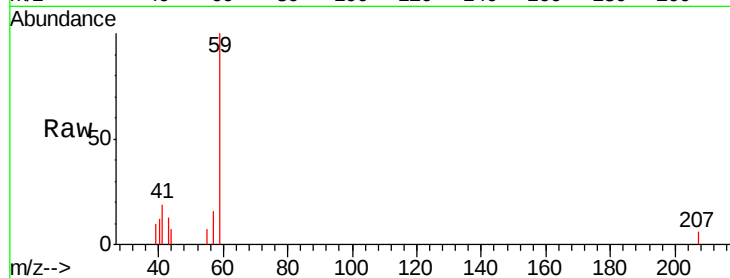
VW1122SBS01

Tgt Ion: 59 Resp: 6947

Ion Ratio Lower Upper

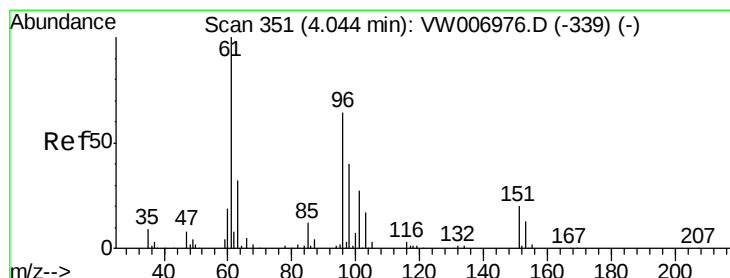
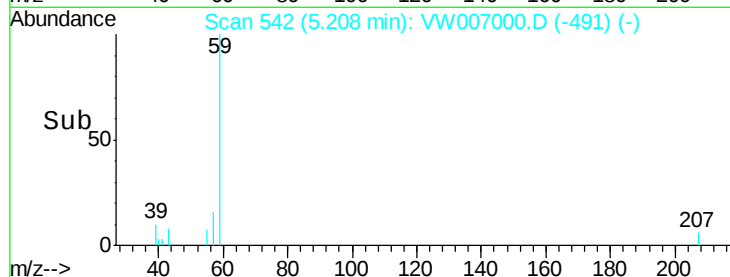
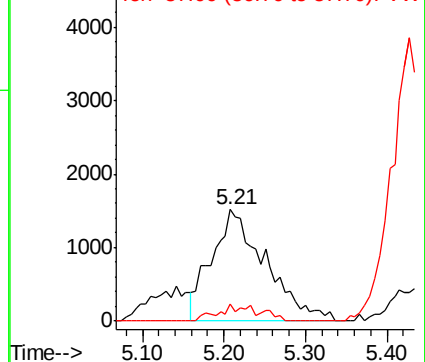
59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 22.40 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

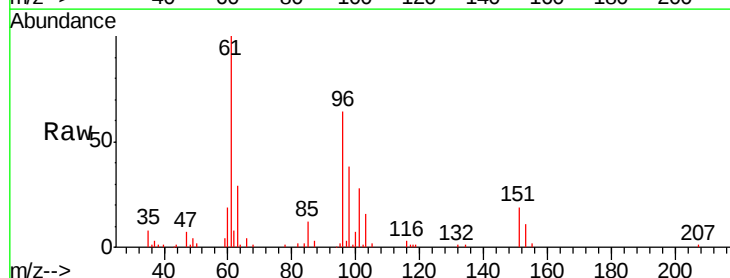
Tgt Ion: 96 Resp: 24103

Ion Ratio Lower Upper

96 100

61 155.5 124.3 186.5

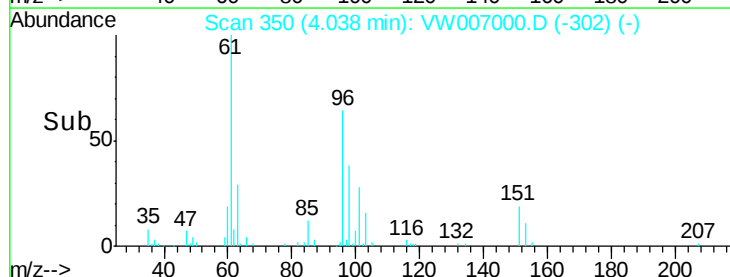
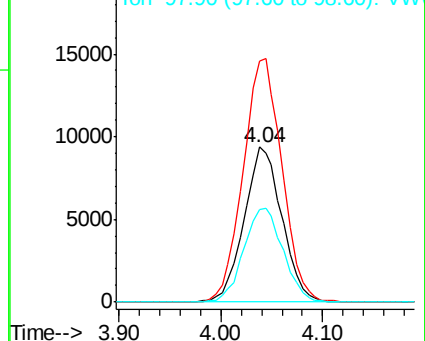
98 59.9 49.4 74.2

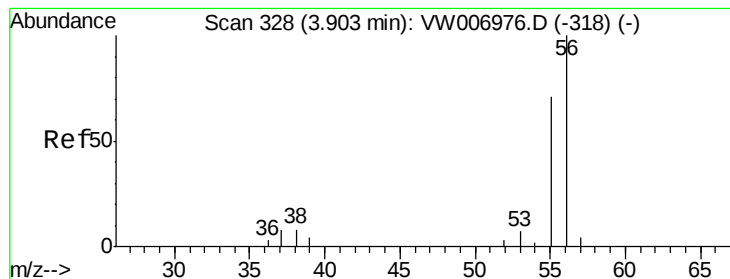


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 100.54 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

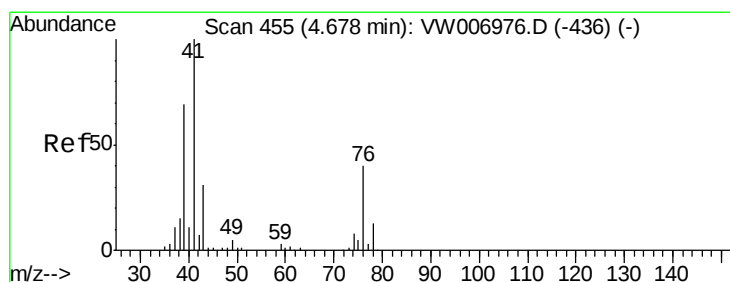
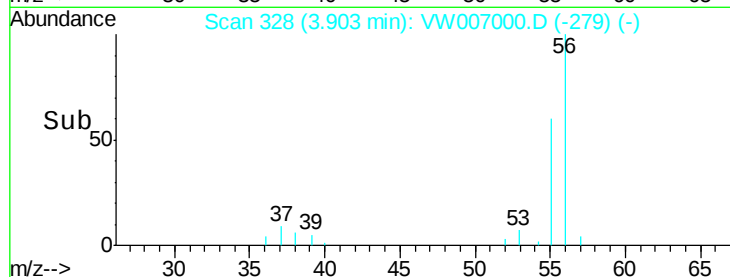
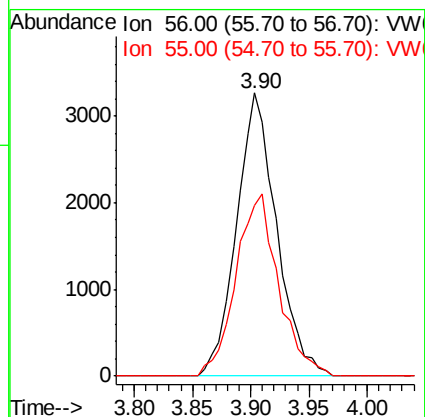
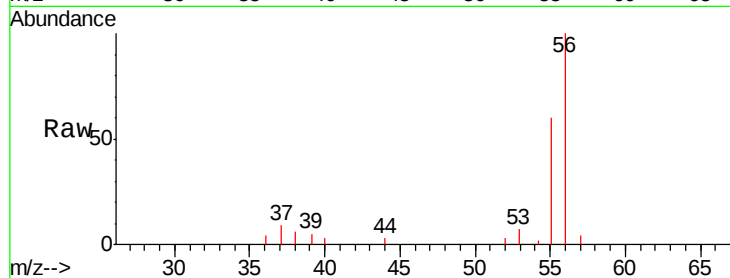
VW1122SBS01

Tgt Ion: 56 Resp: 7822

Ion Ratio Lower Upper

56 100

55 68.3 57.5 86.3



#14

Allyl chloride

Concen: 21.63 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

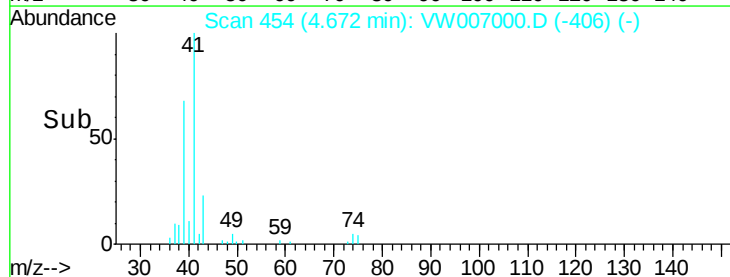
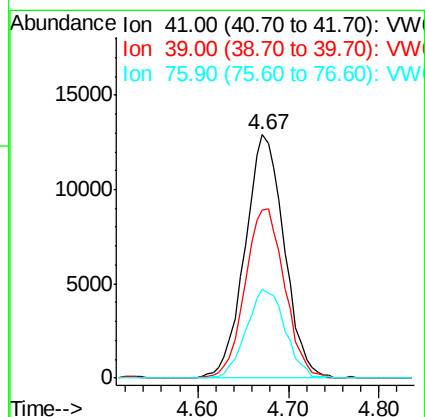
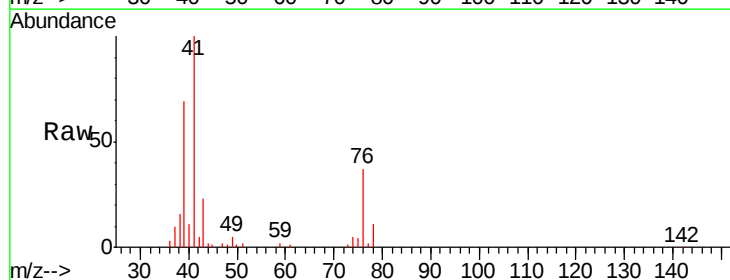
Tgt Ion: 41 Resp: 38602

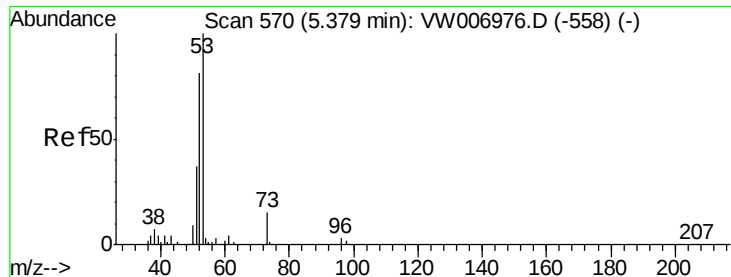
Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.2

76 36.3 29.6 44.4





#15

Acrylonitrile

Concen: 96.71 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

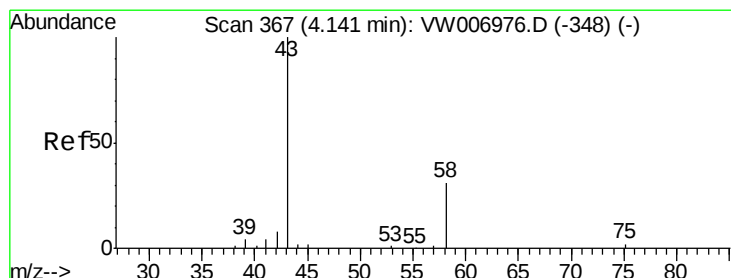
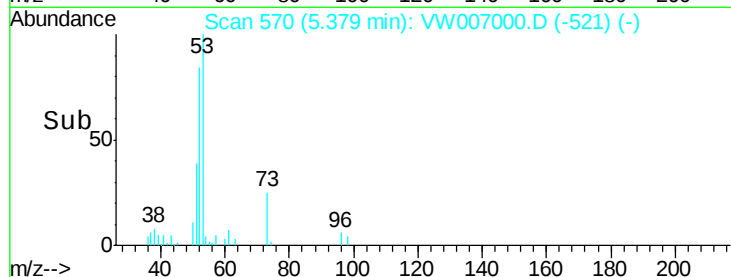
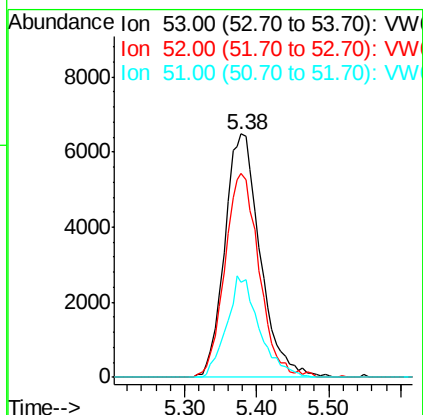
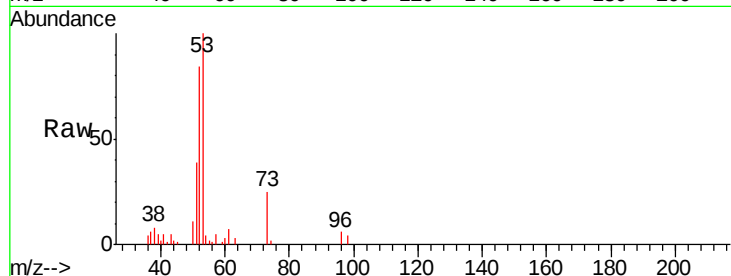
Tgt Ion: 53 Resp: 22161

Ion Ratio Lower Upper

53 100

52 80.4 65.7 98.5

51 38.4 29.9 44.9



#16

Acetone

Concen: 99.75 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007000.D

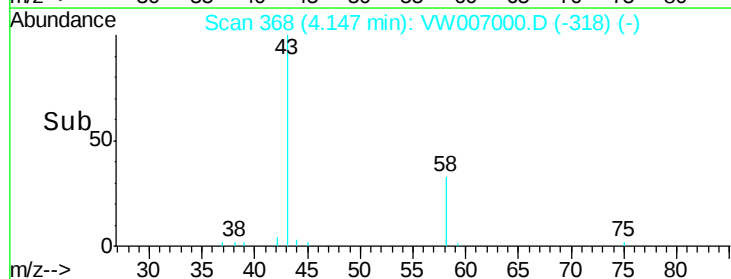
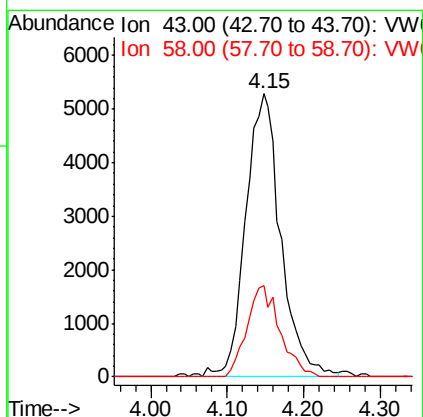
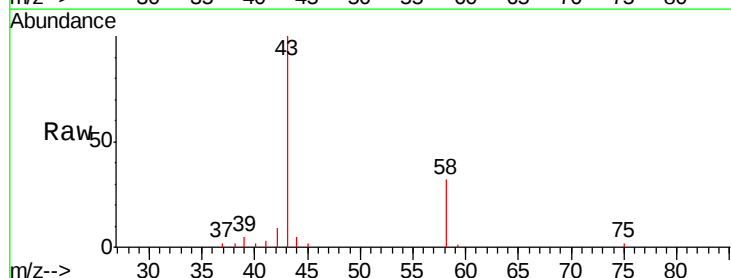
Acq: 21 Nov 2018 15:15

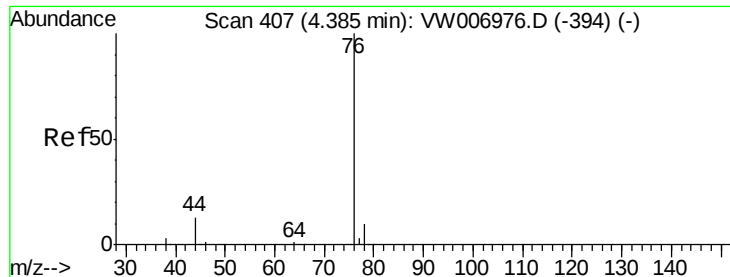
Tgt Ion: 43 Resp: 16853

Ion Ratio Lower Upper

43 100

58 32.1 24.8 37.2

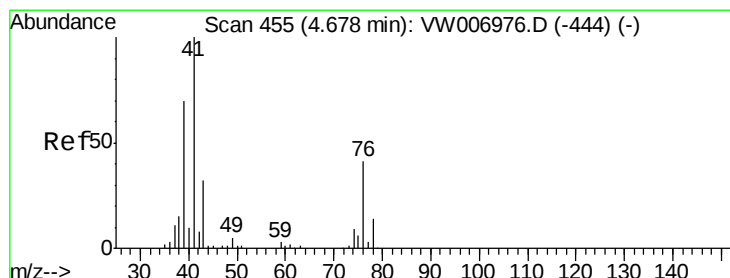
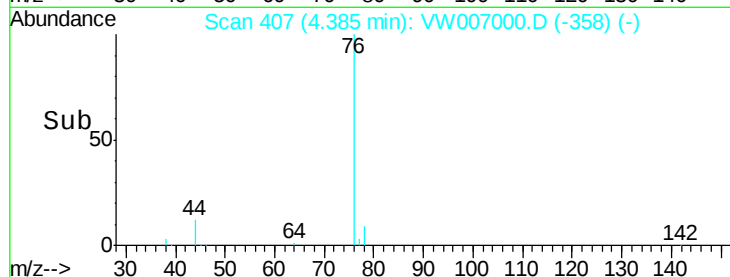
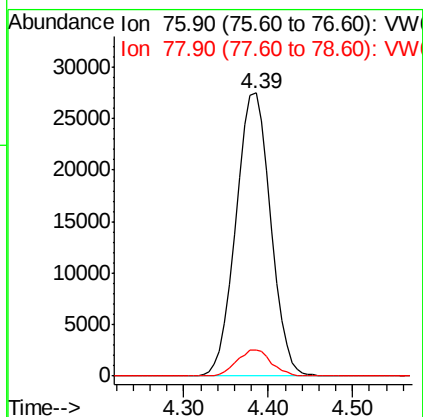
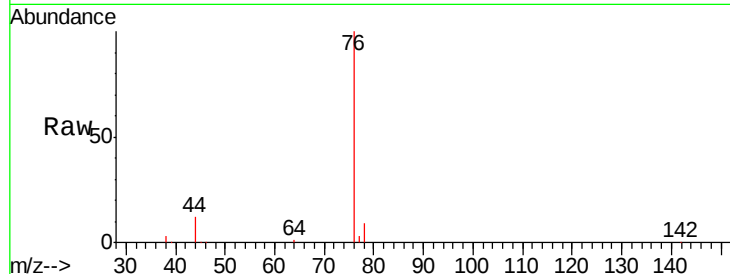




#17
Carbon Disulfide
Concen: 22.03 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

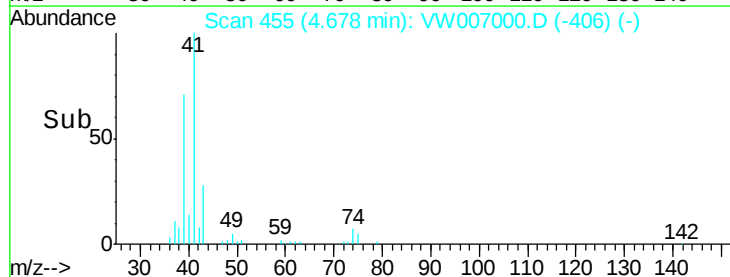
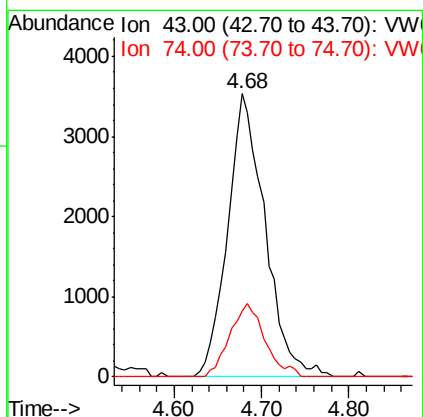
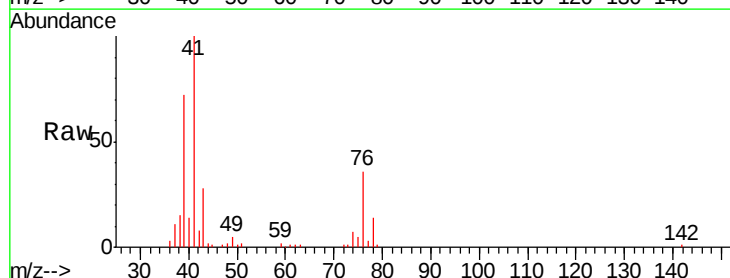
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion: 76 Resp: 76629
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 17.48 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 43 Resp: 10520
Ion Ratio Lower Upper
43 100
74 24.3 20.1 30.1

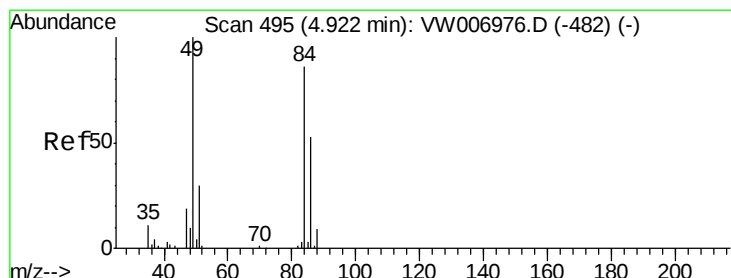
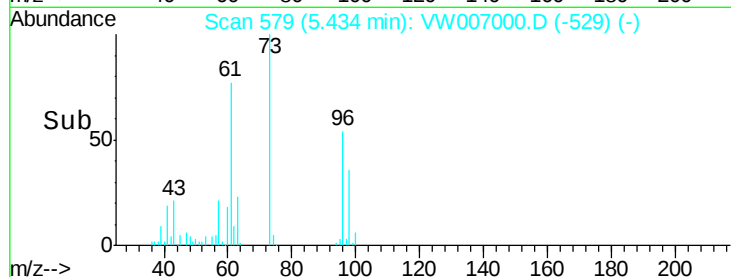
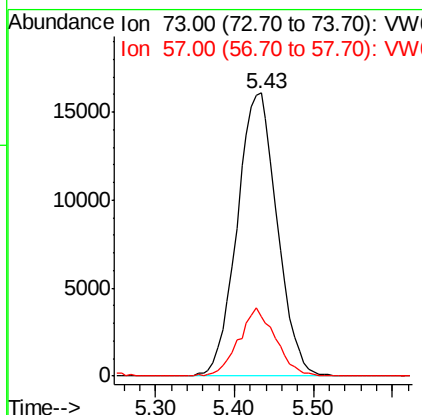
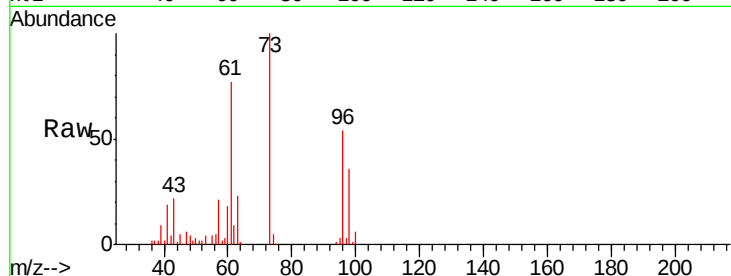




#19
Methyl tert-butyl Ether
Concen: 20.18 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

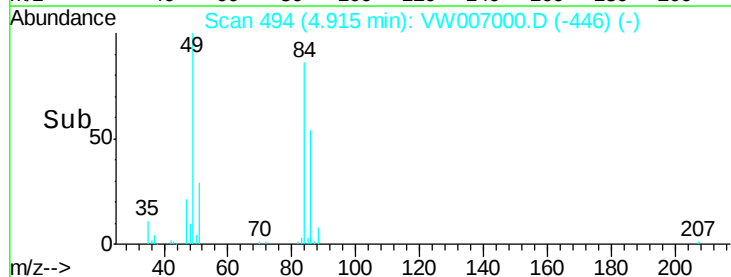
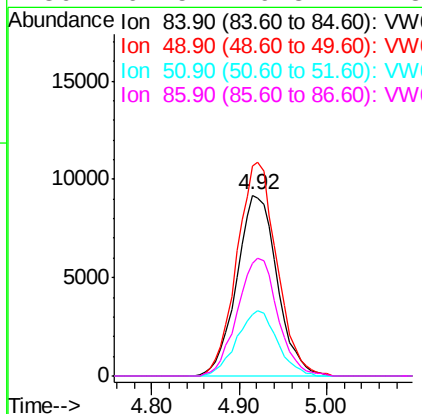
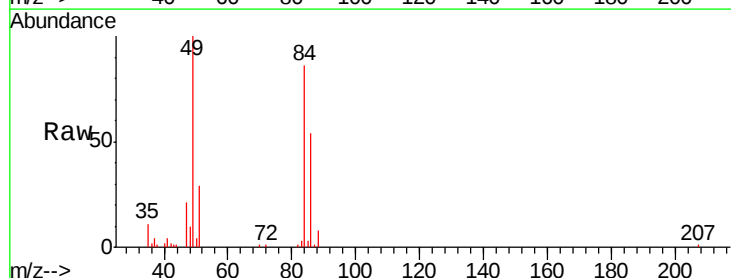
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

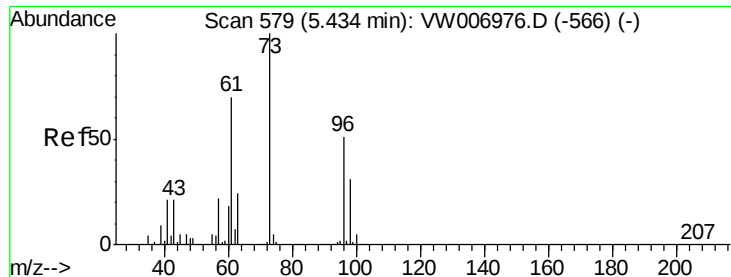
Tgt Ion: 73 Resp: 56698
Ion Ratio Lower Upper
73 100
57 21.0 16.7 25.1



#20
Methylene Chloride
Concen: 18.42 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 84 Resp: 29399
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 33.8 28.4 42.6
86 62.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.87 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

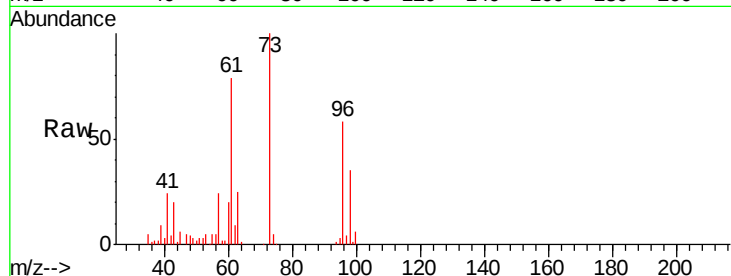
Tgt Ion: 96 Resp: 27409

Ion Ratio Lower Upper

96 100

61 135.2 109.4 164.0

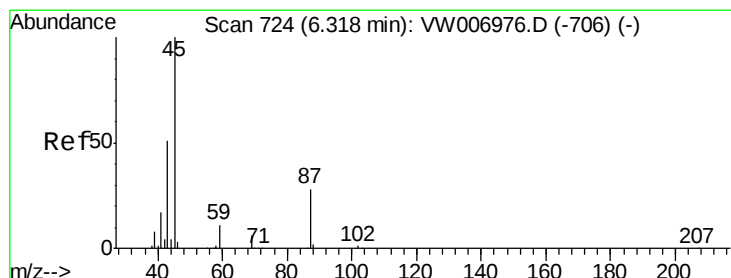
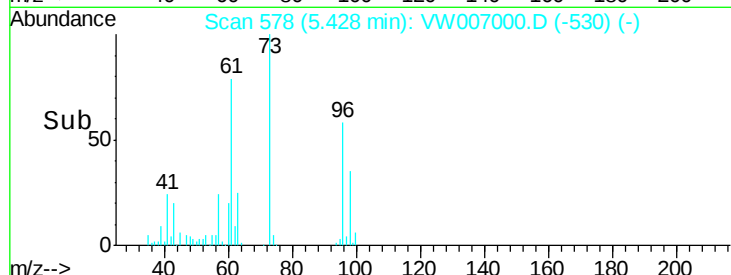
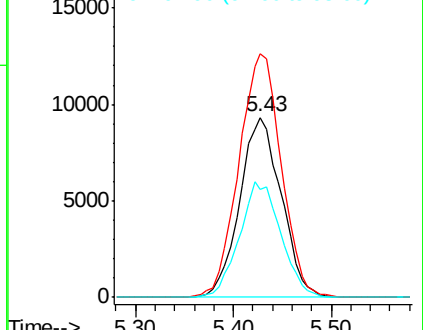
98 60.3 48.3 72.5



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.02 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Tgt Ion: 45 Resp: 72994

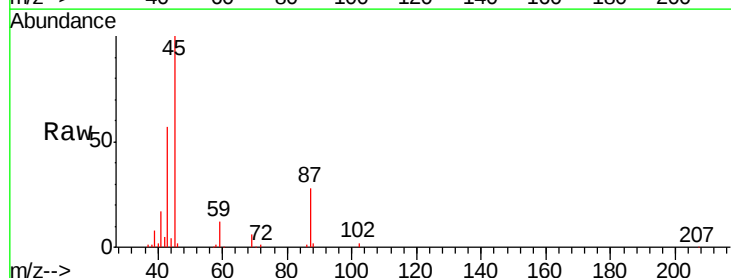
Ion Ratio Lower Upper

45 100

43 56.3 42.5 63.7

87 28.3 22.8 34.2

59 12.4 9.1 13.7

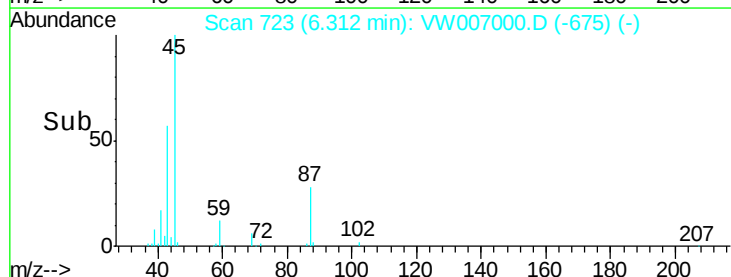
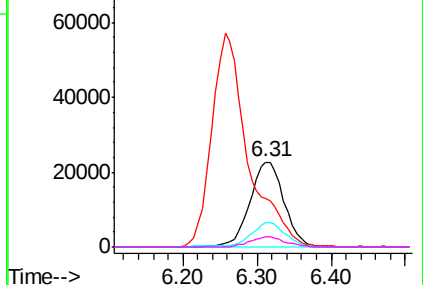


Abundance Ion 45.00 (44.70 to 45.70): VW

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: 104.76 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

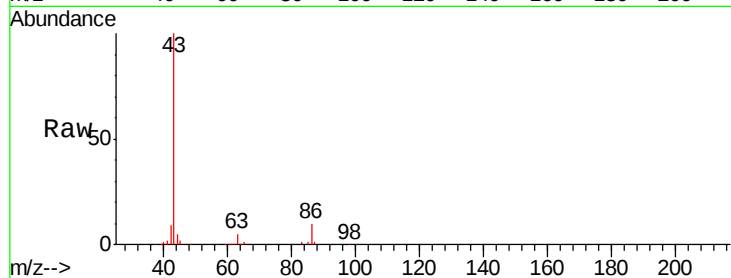
VW1122SBS01

Tgt Ion: 43 Resp: 193231

Ion Ratio Lower Upper

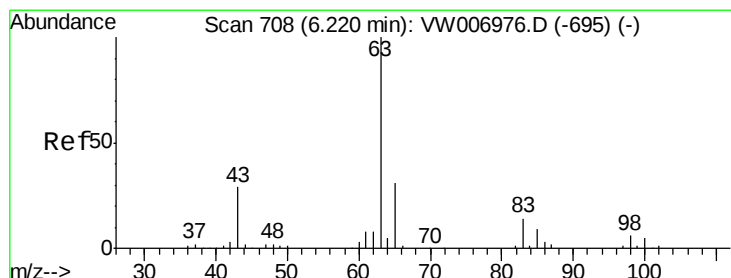
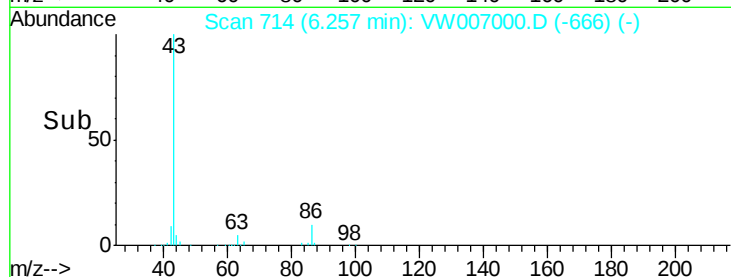
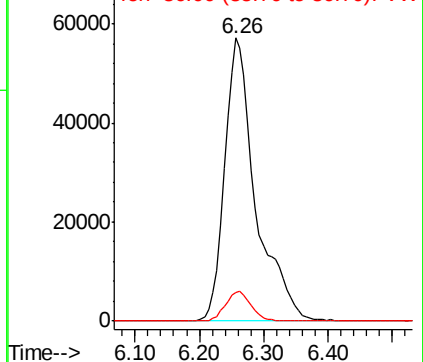
43 100

86 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.13 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

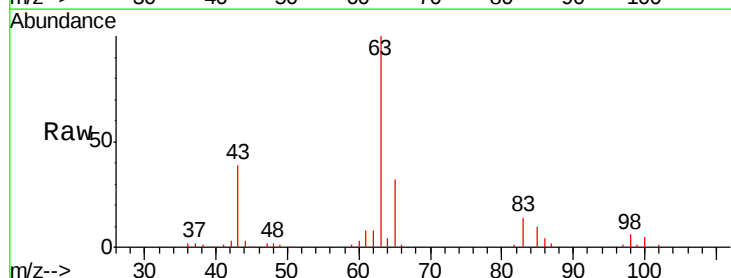
Tgt Ion: 63 Resp: 44652

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

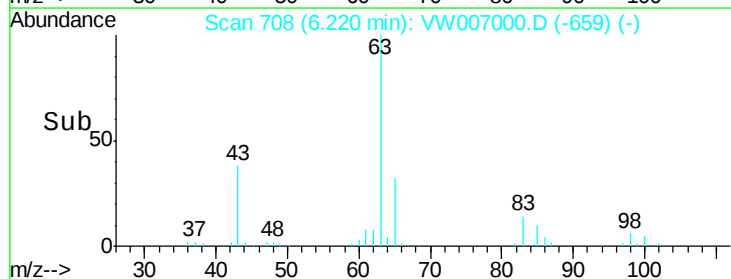
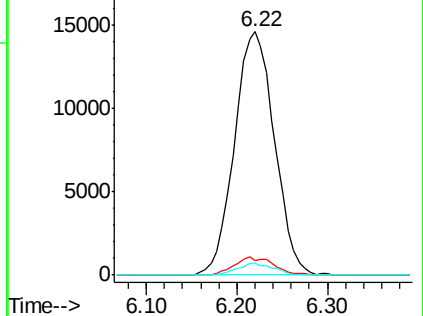
100 5.2 2.3 6.9

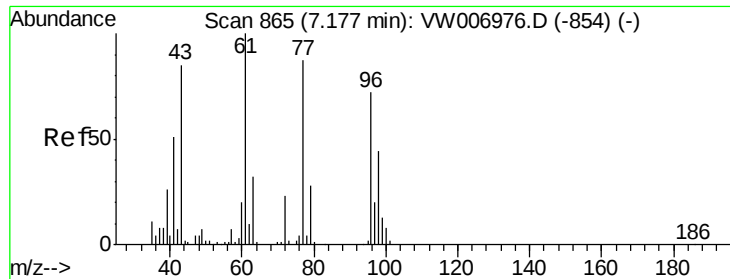


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 95.84 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

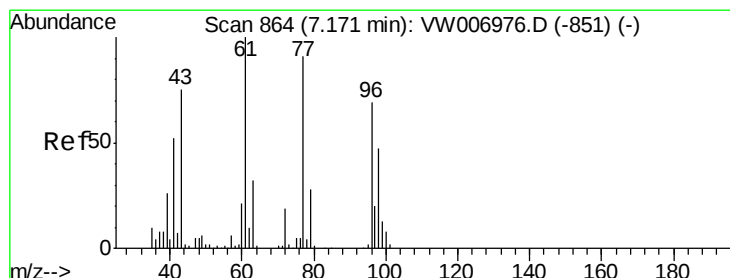
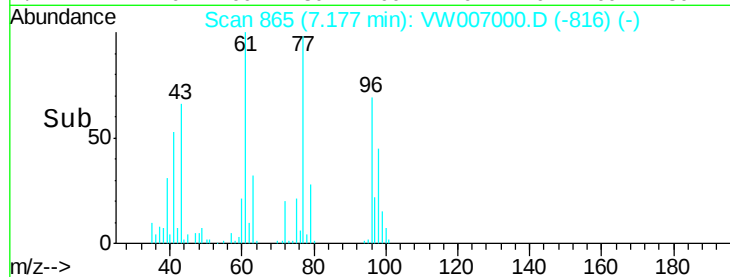
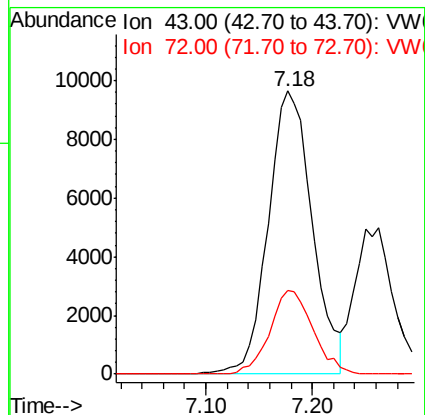
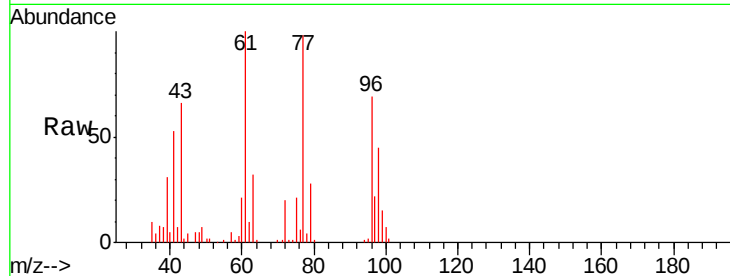
VW1122SBS01

Tgt Ion: 43 Resp: 27735

Ion Ratio Lower Upper

43 100

72 29.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 23.48 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007000.D

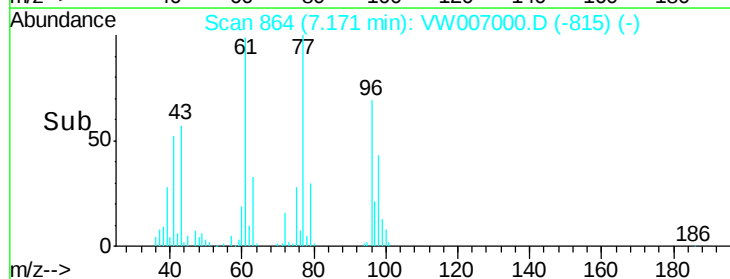
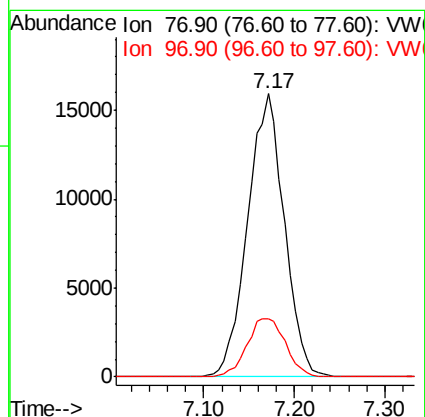
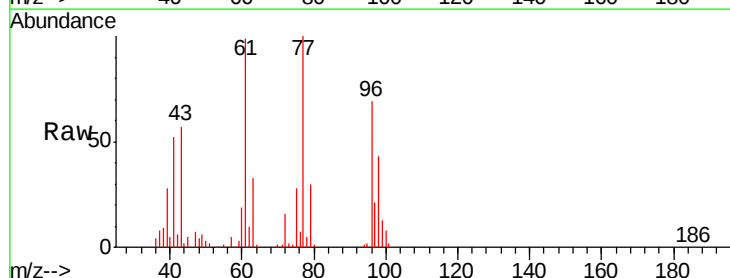
Acq: 21 Nov 2018 15:15

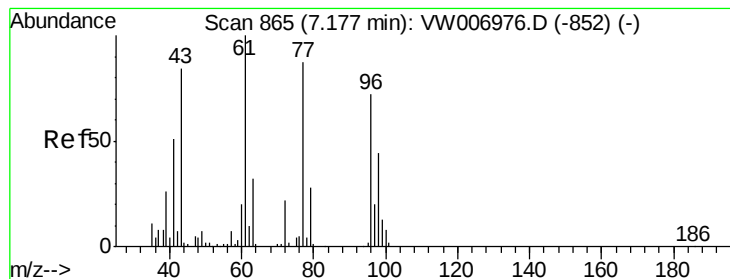
Tgt Ion: 77 Resp: 44606

Ion Ratio Lower Upper

77 100

97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.16 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

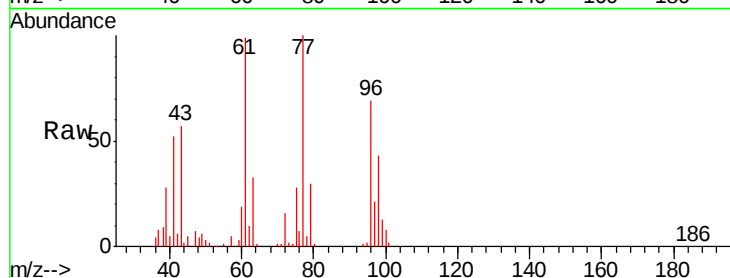
Tgt Ion: 96 Resp: 28242

Ion Ratio Lower Upper

96 100

61 151.2 0.0 292.6

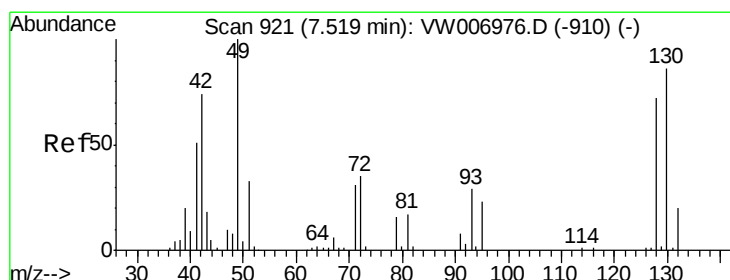
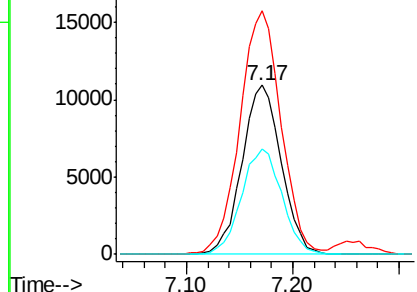
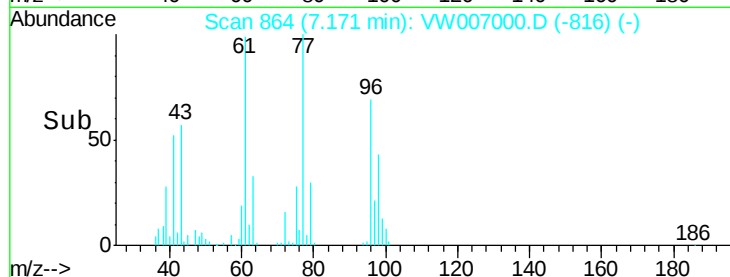
98 64.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 19.06 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

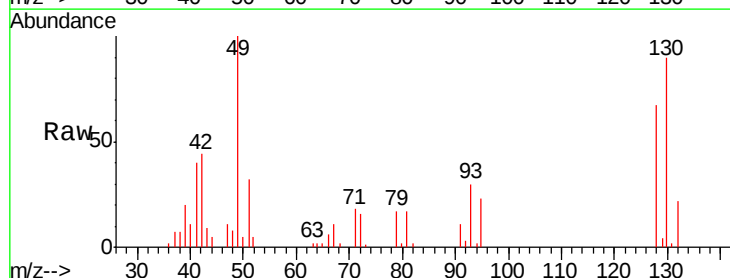
Tgt Ion: 49 Resp: 15054

Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.0#

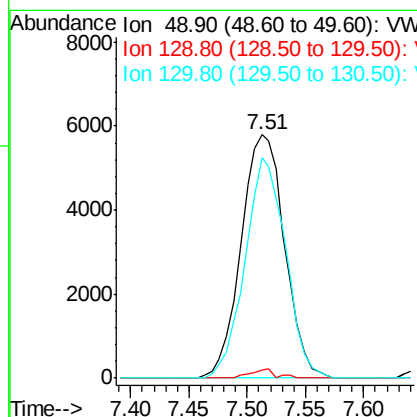
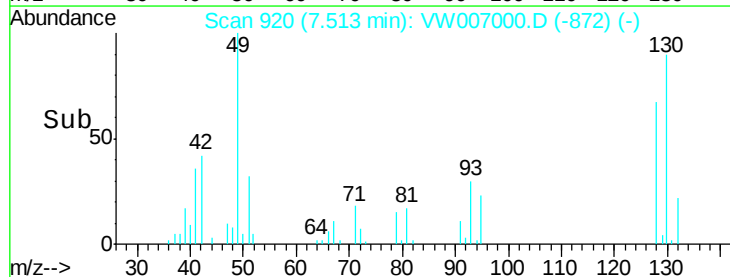
130 84.8 69.0 103.4

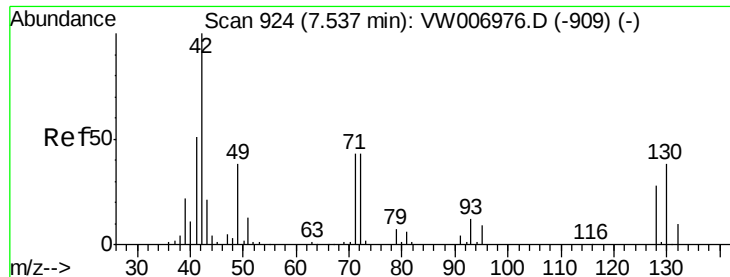


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 92.73 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

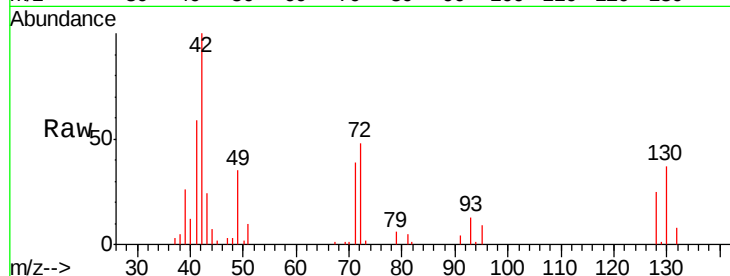
Tgt Ion: 42 Resp: 17380

Ion Ratio Lower Upper

42 100

72 44.9 36.2 54.4

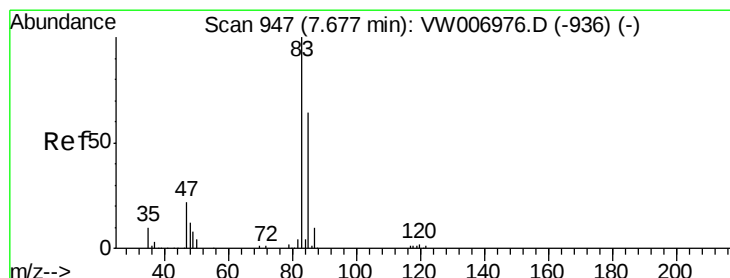
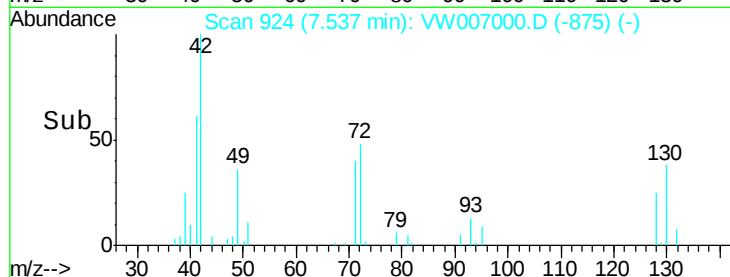
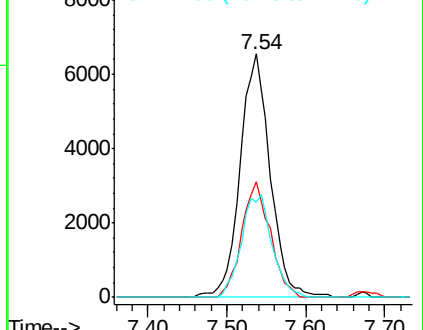
71 43.0 33.8 50.8



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: 20.59 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007000.D

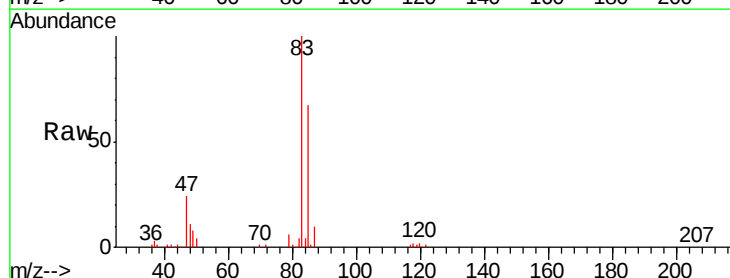
Acq: 21 Nov 2018 15:15

Tgt Ion: 83 Resp: 46210

Ion Ratio Lower Upper

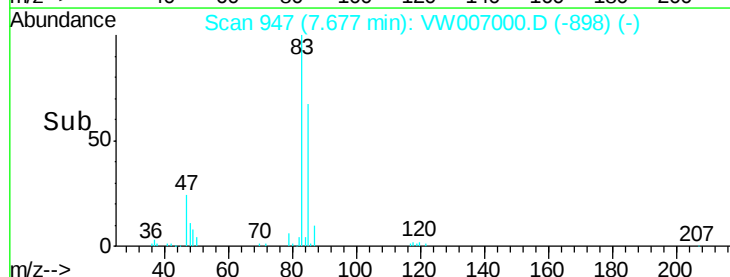
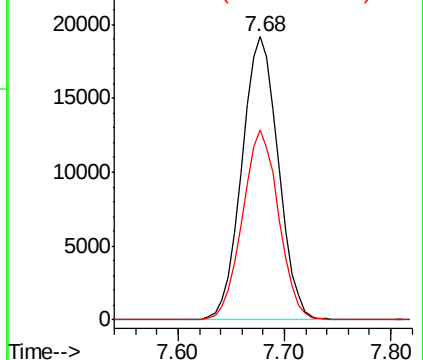
83 100

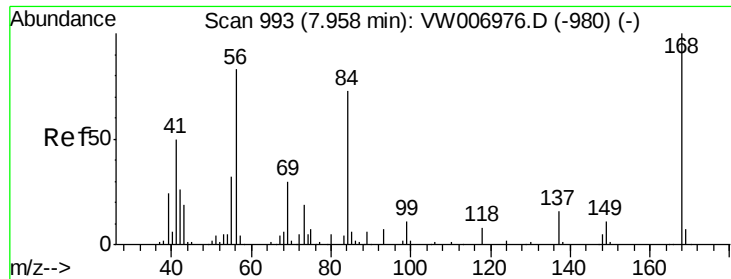
85 66.9 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

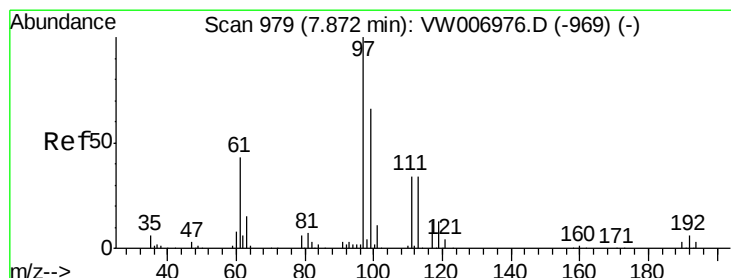
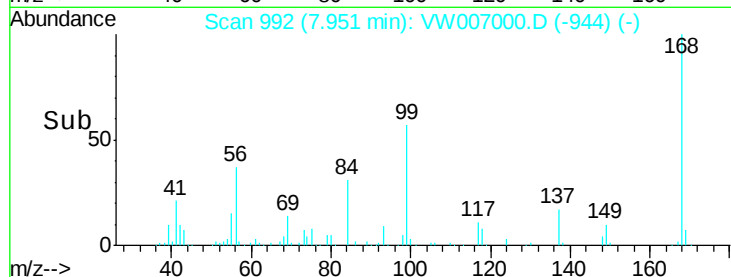
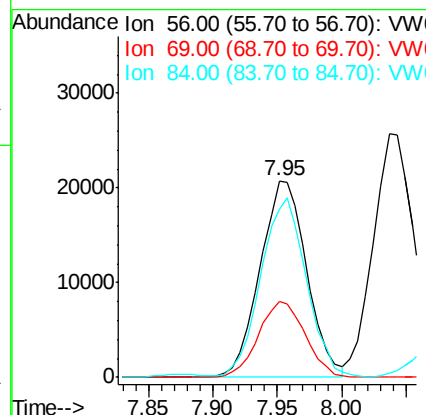
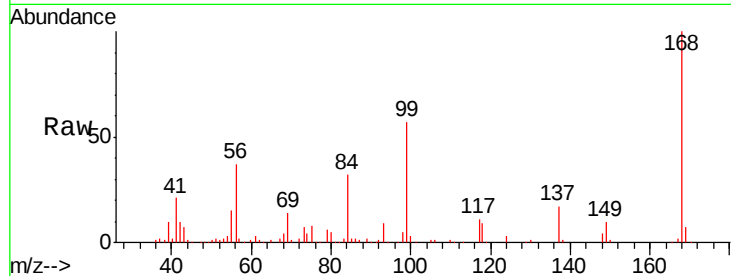




#31
Cyclohexane
Concen: 23.24 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

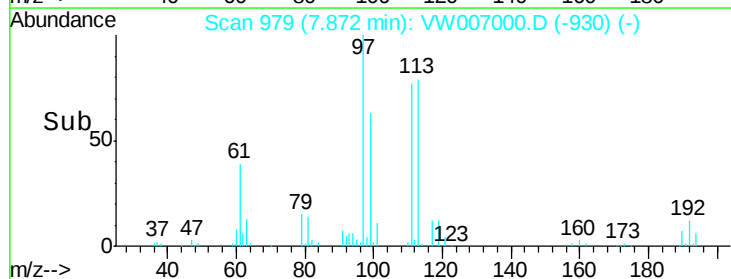
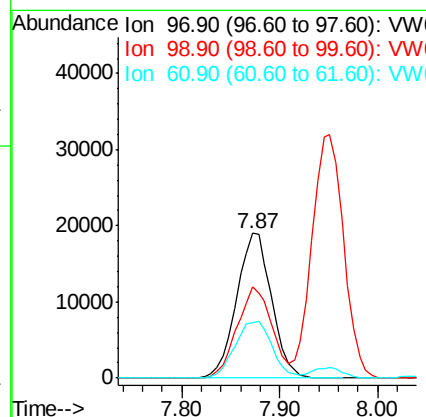
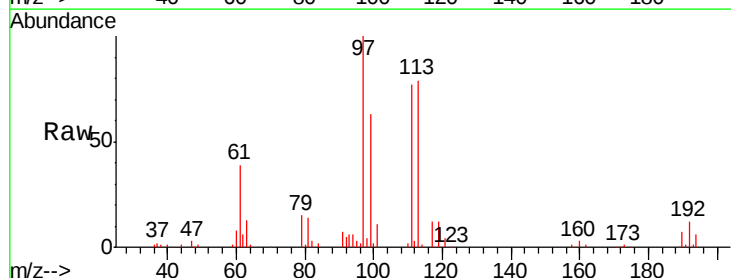
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

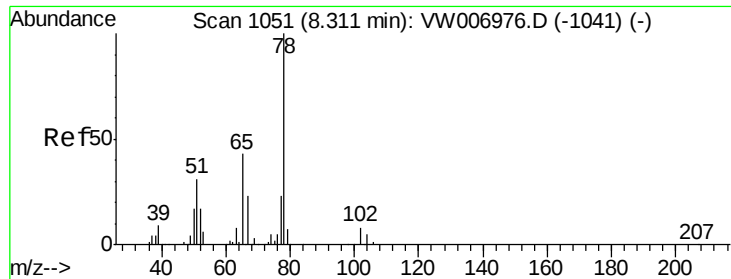
Tgt Ion: 56 Resp: 52089
Ion Ratio Lower Upper
56 100
69 38.7 29.1 43.7
84 84.4 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 23.29 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 97 Resp: 47091
Ion Ratio Lower Upper
97 100
99 62.8 51.9 77.9
61 42.0 33.4 50.2

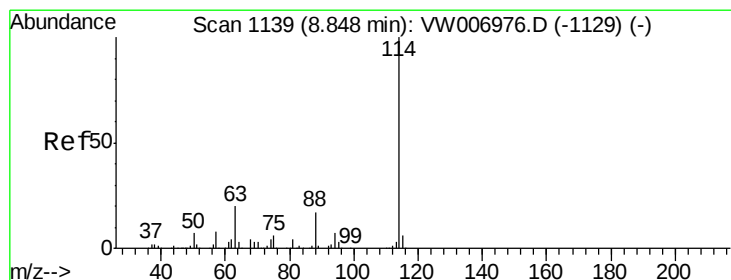
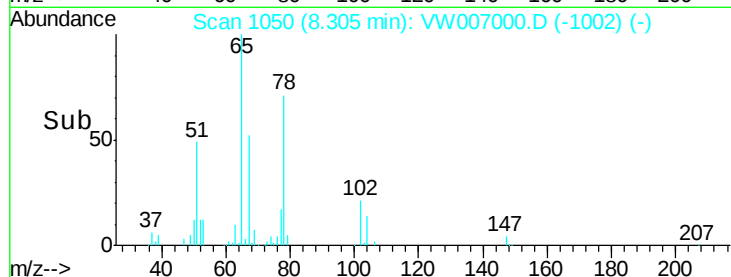
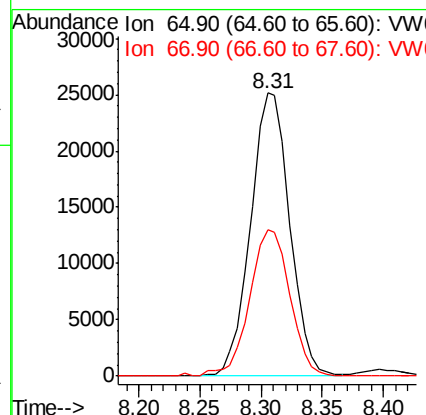
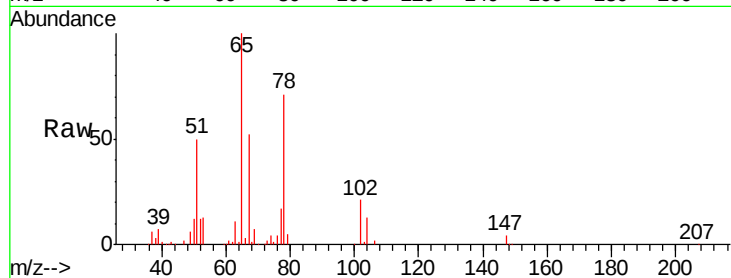




#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

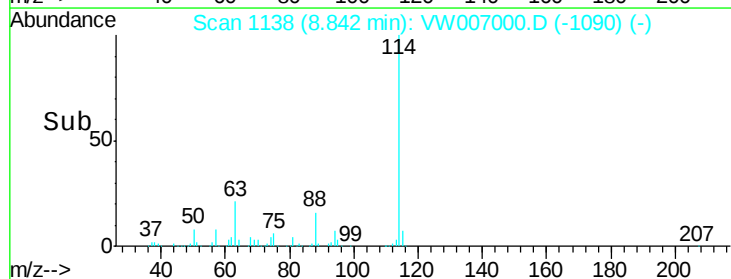
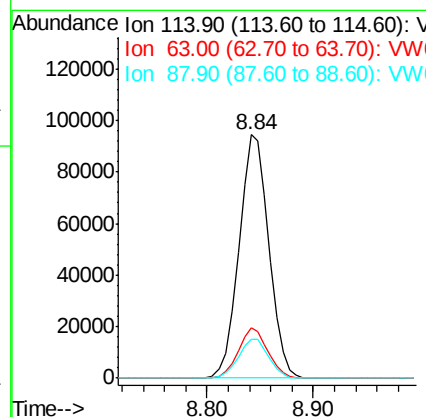
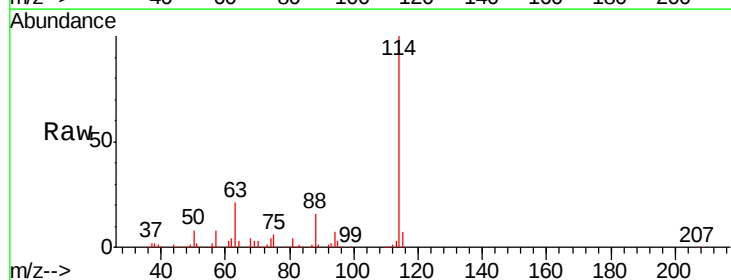
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

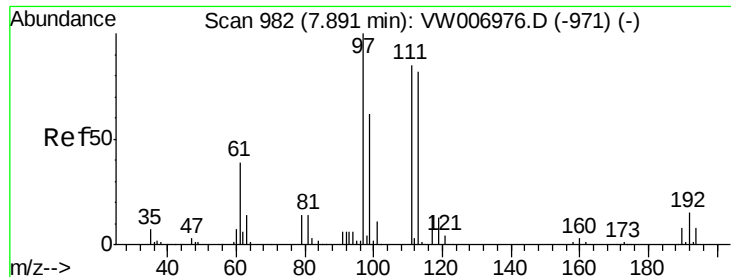
Tgt Ion: 65 Resp: 56055
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 114 Resp: 185282
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 16.2 0.0 34.2

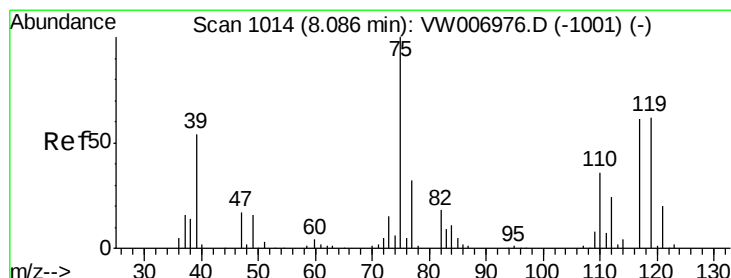
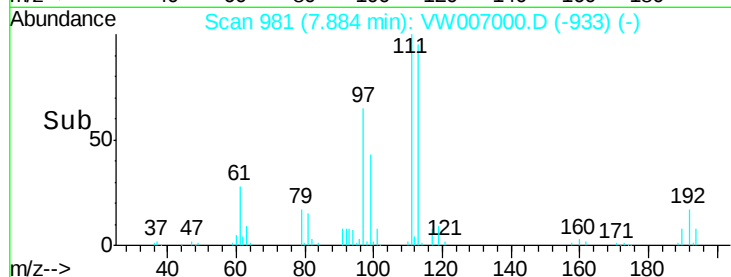
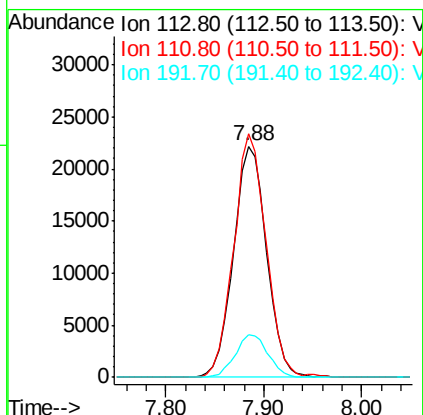
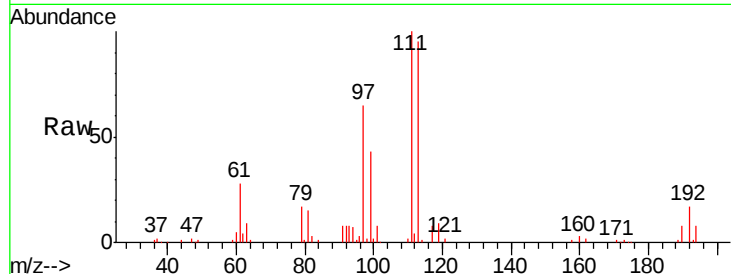




#35
 Dibromofluoromethane
 Concen: 49.77 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

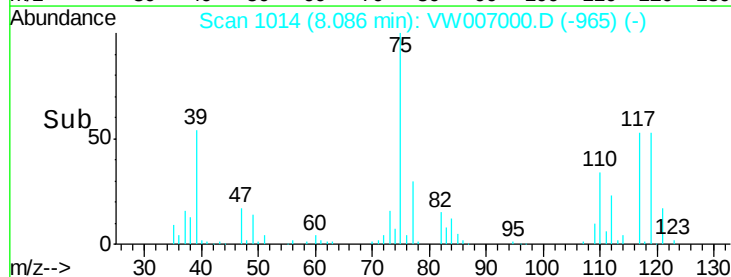
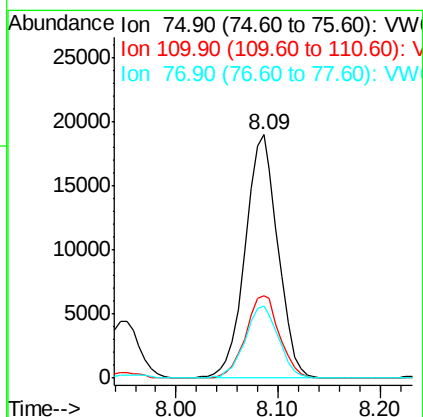
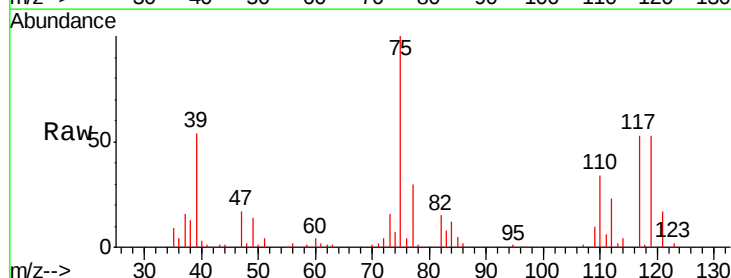
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

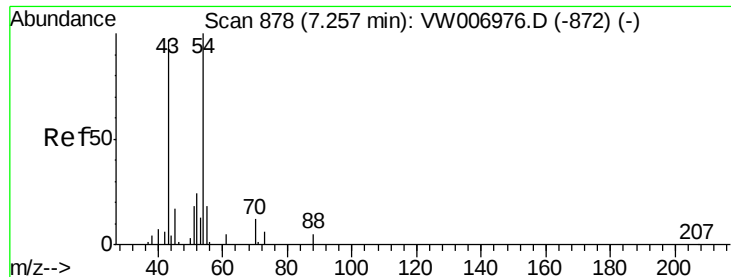
Tgt Ion: 113 Resp: 52073
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.6
 192 18.3 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 23.46 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 75 Resp: 42474
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.0 54.0
 77 30.1 24.9 37.3

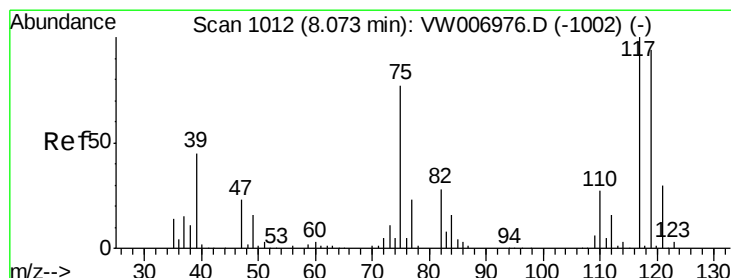
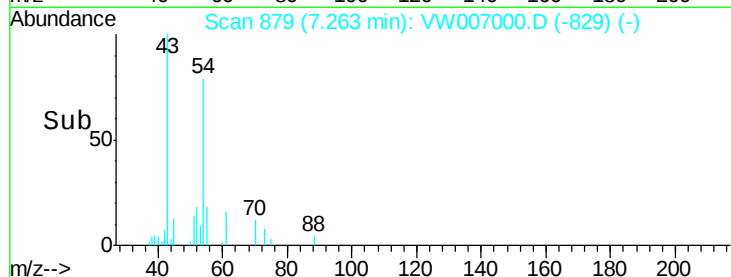
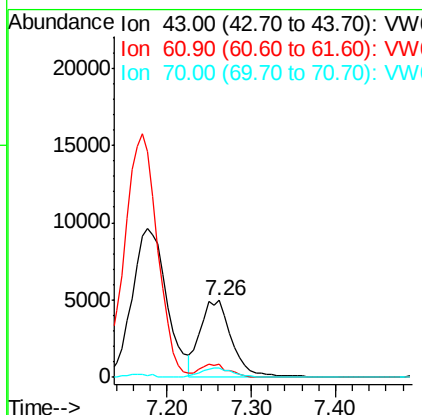
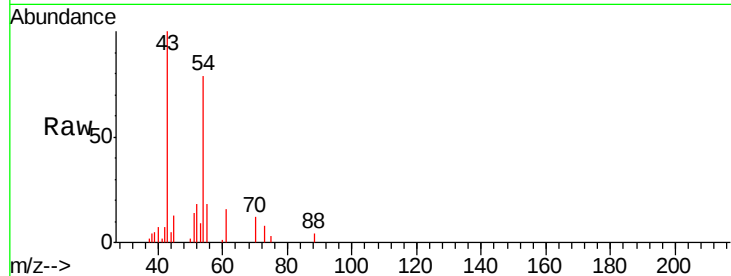




#37
 Ethyl Acetate
 Concen: 20.08 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

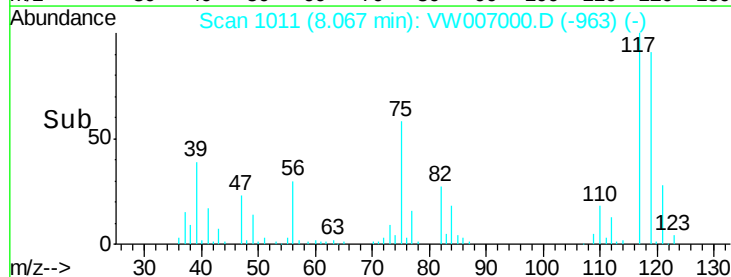
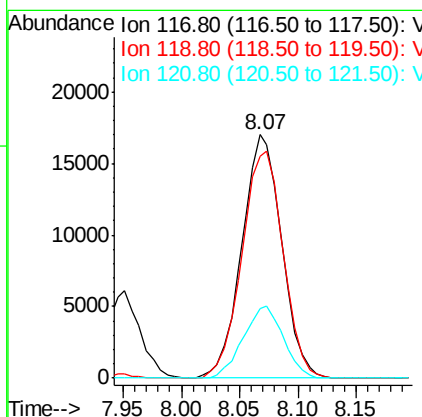
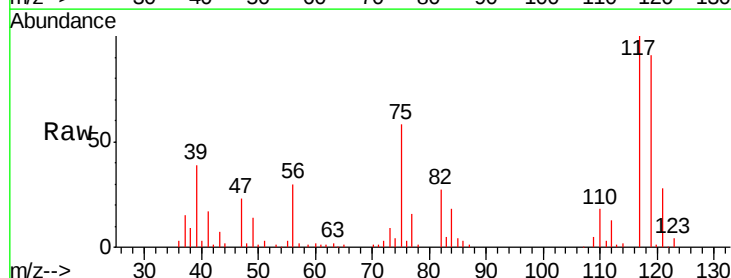
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

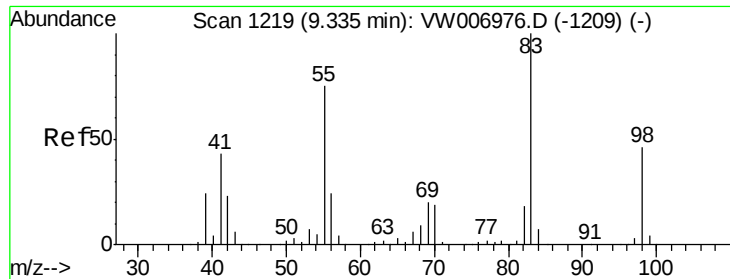
Tgt Ion: 43 Resp: 13172
 Ion Ratio Lower Upper
 43 100
 61 15.3 10.4 15.6
 70 11.8 8.8 13.2



#38
 Carbon Tetrachloride
 Concen: 23.39 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 117 Resp: 40554
 Ion Ratio Lower Upper
 117 100
 119 91.0 74.9 112.3
 121 28.4 23.6 35.4

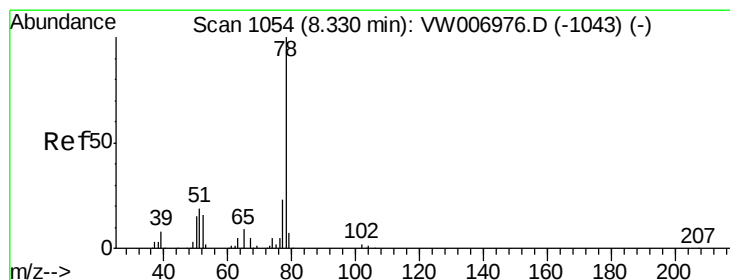
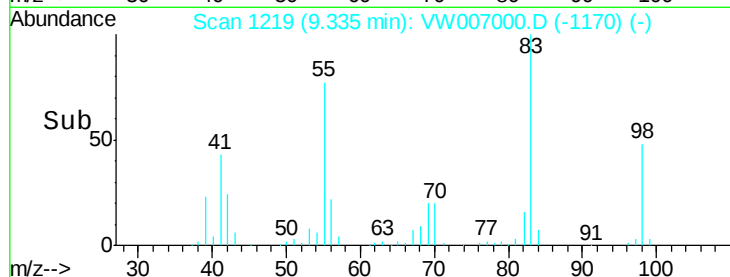
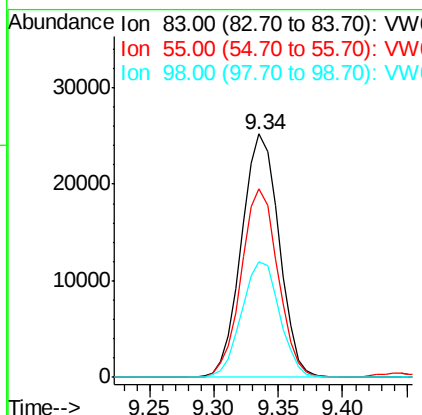
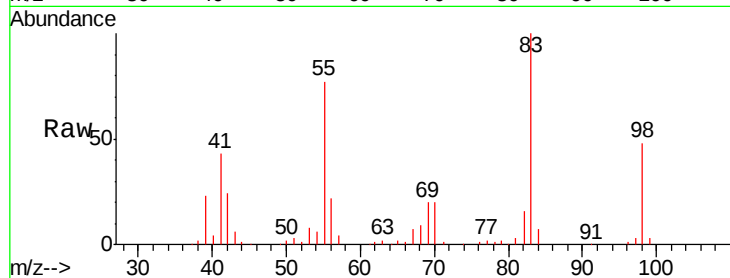




#39
Methylcyclohexane
Concen: 22.41 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

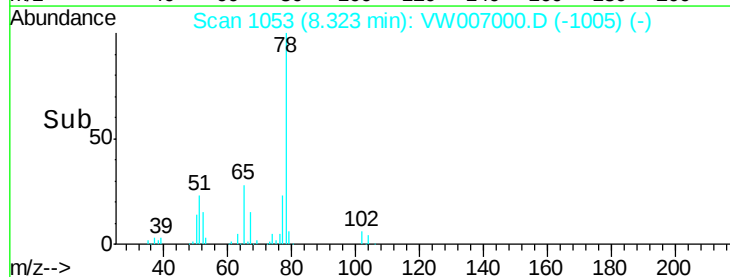
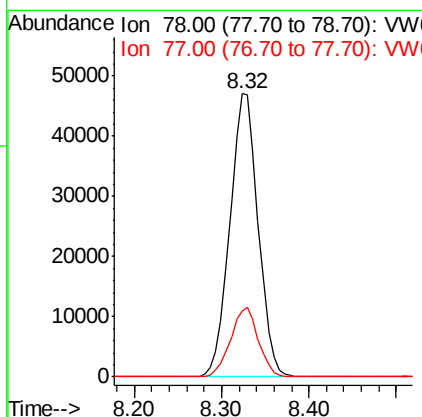
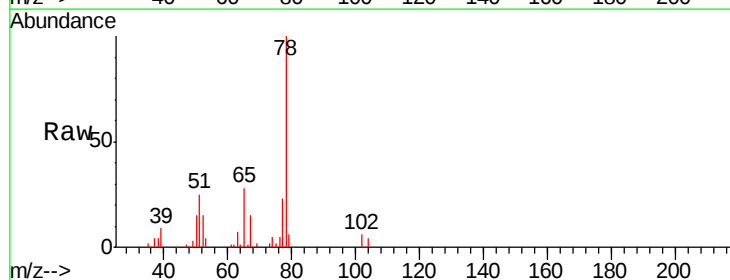
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

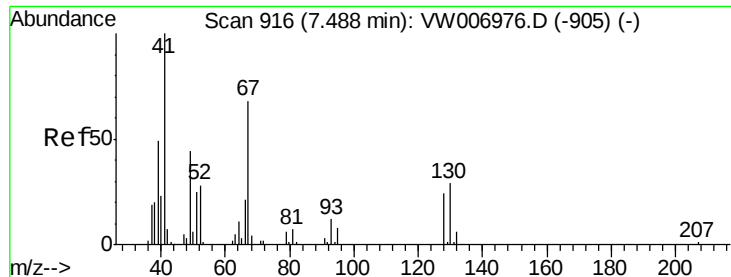
Tgt Ion: 83 Resp: 50782
Ion Ratio Lower Upper
83 100
55 77.2 59.6 89.4
98 47.7 37.1 55.7



#40
Benzene
Concen: 21.62 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 78 Resp: 105672
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

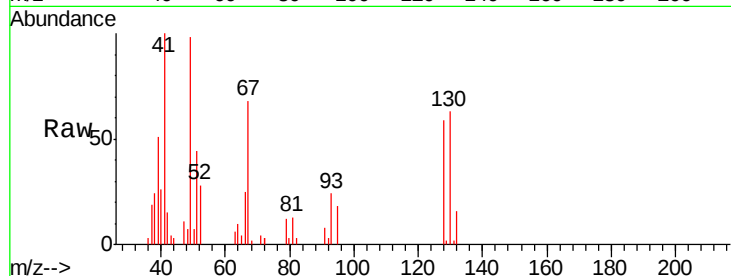




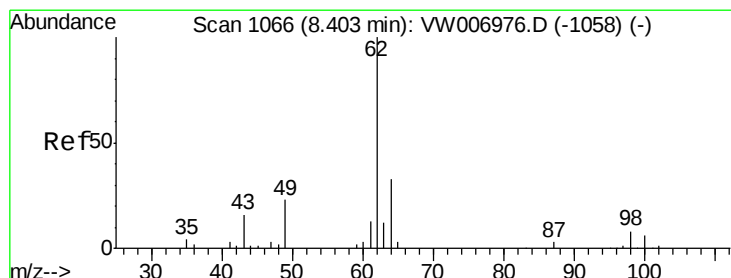
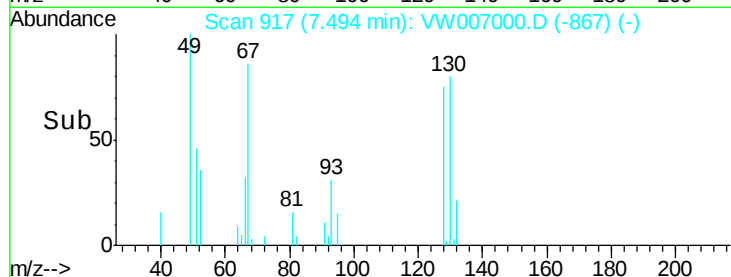
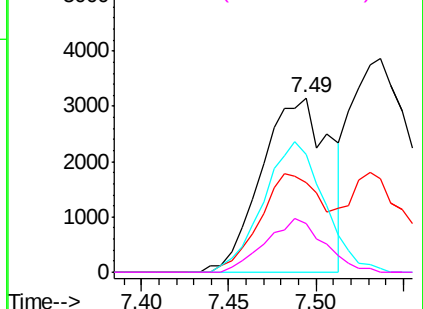
#41
Methacrylonitrile
Concen: 21.11 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion:	41	Resp:	8601
Ion	Ratio	Lower	Upper
41	100		
39	50.0	48.6	73.0
67	66.8	59.8	89.8
52	26.5	24.8	37.2

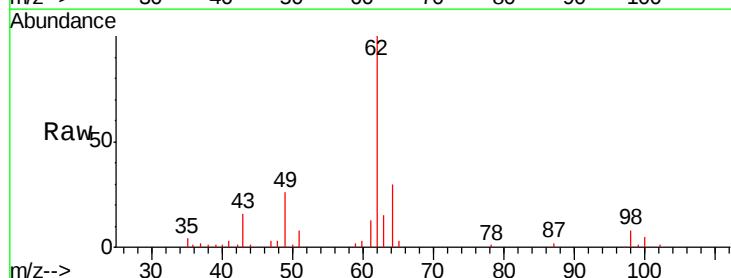


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

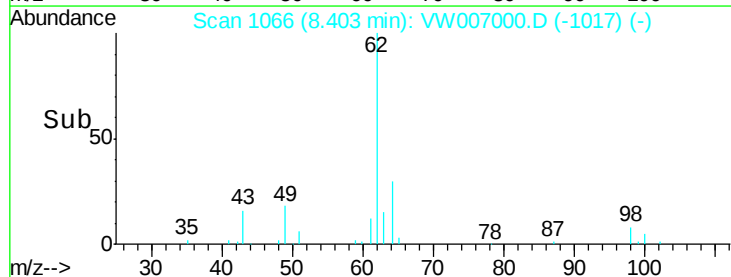
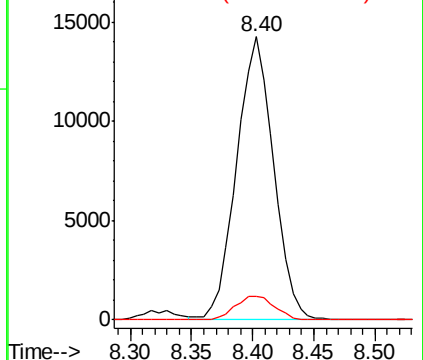


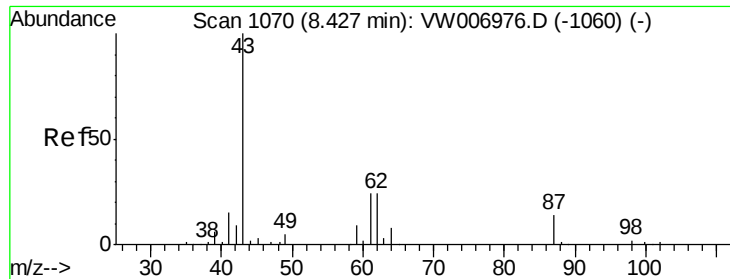
#42
1,2-Dichloroethane
Concen: 21.15 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:	62	Resp:	30012
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 19.60 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

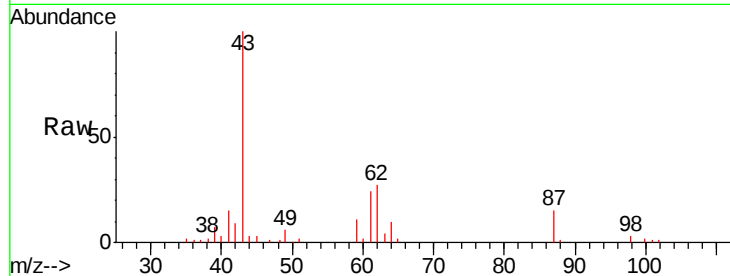
Tgt Ion: 43 Resp: 24509

Ion Ratio Lower Upper

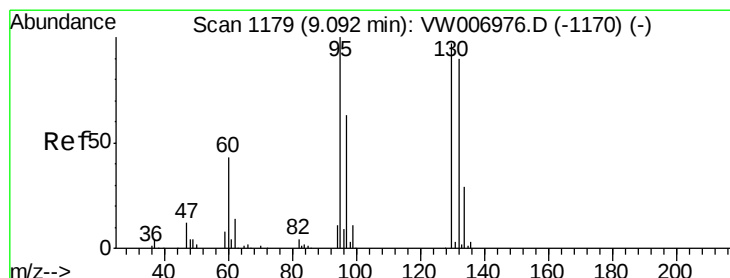
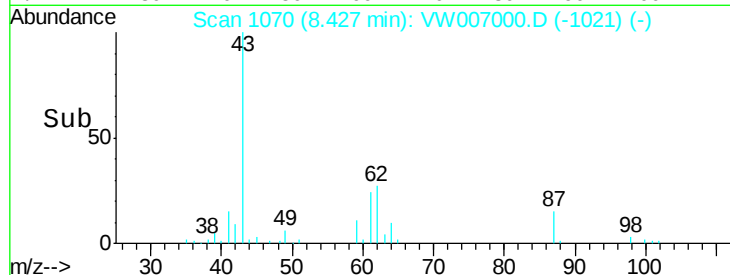
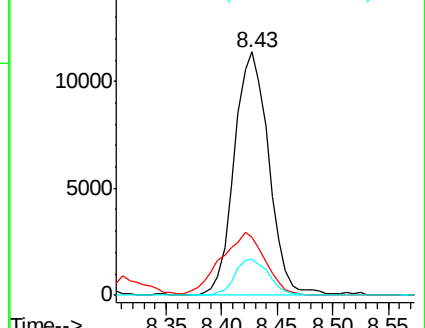
43 100

61 33.0 26.1 39.1

87 14.5 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 22.30 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007000.D

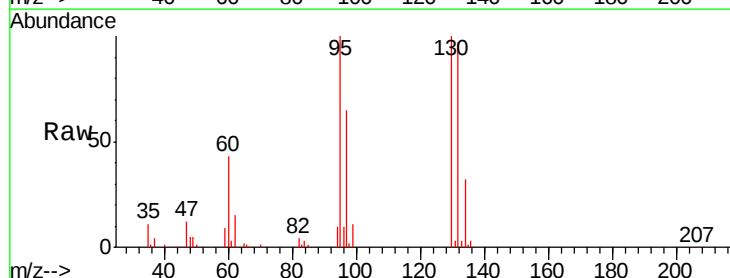
Acq: 21 Nov 2018 15:15

Tgt Ion: 130 Resp: 30556

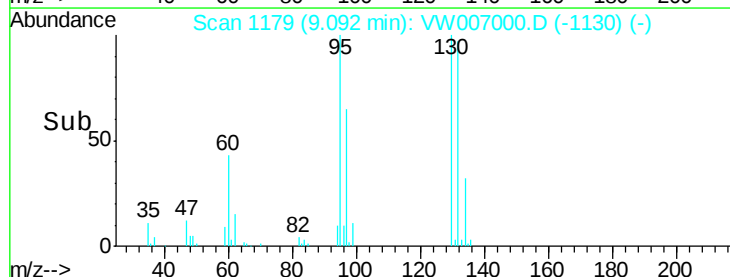
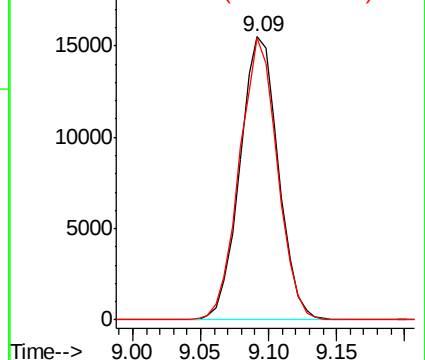
Ion Ratio Lower Upper

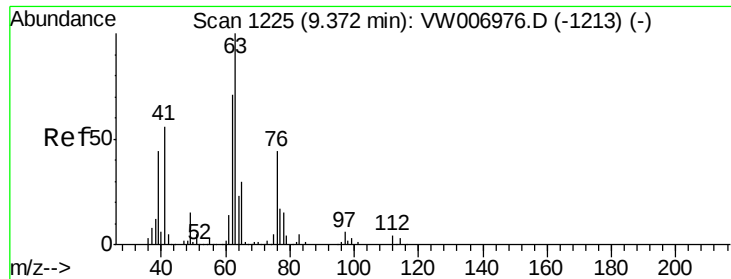
130 100

95 99.7 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

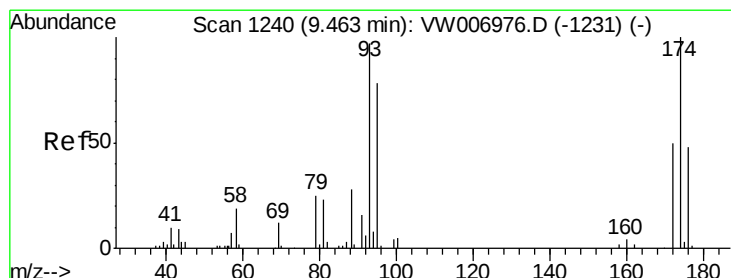
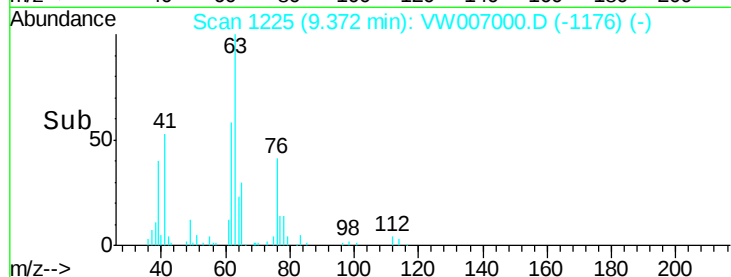
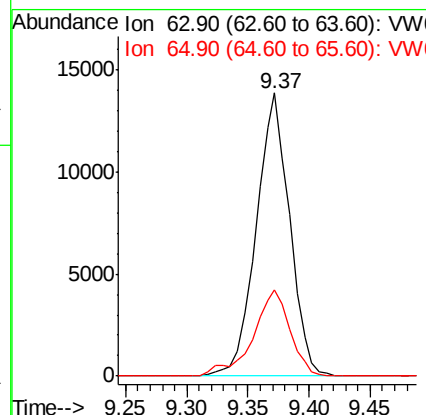
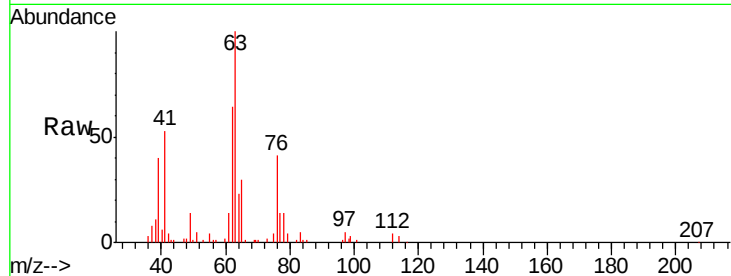




#45
 1,2-Dichloropropane
 Concen: 21.82 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

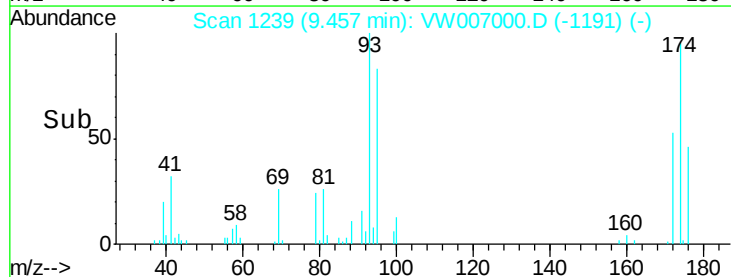
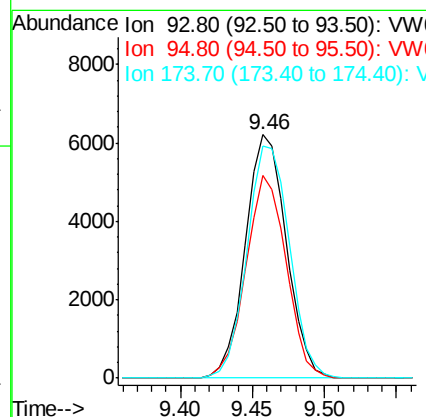
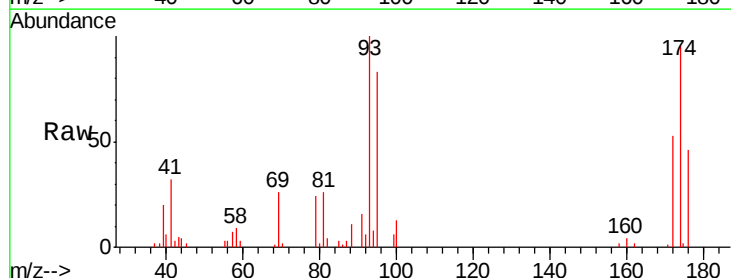
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

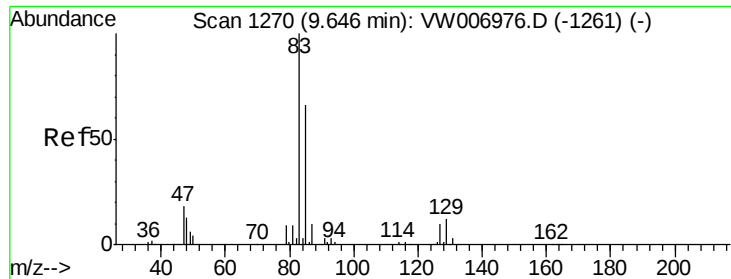
Tgt Ion: 63 Resp: 26290
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 20.26 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 93 Resp: 12223
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.1 99.1
 174 99.1 79.7 119.5





#47

Bromodichloromethane

Concen: 21.47 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

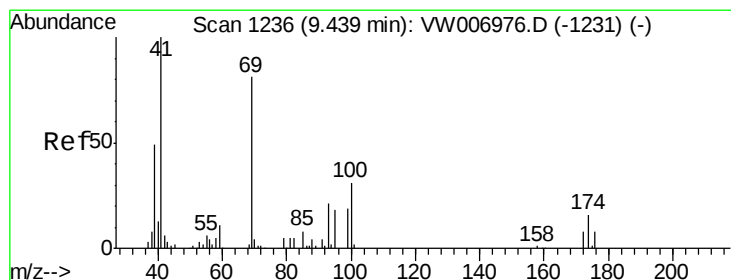
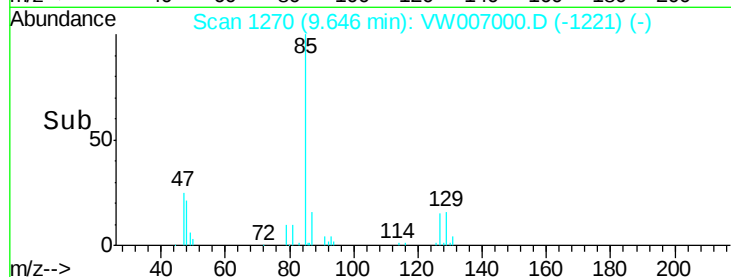
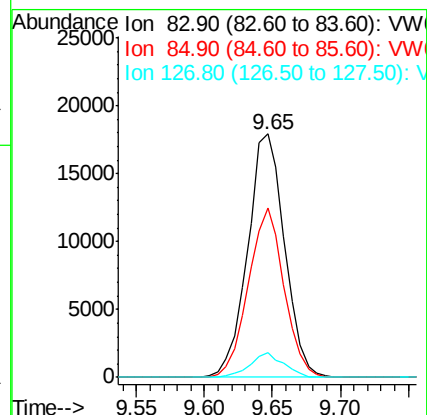
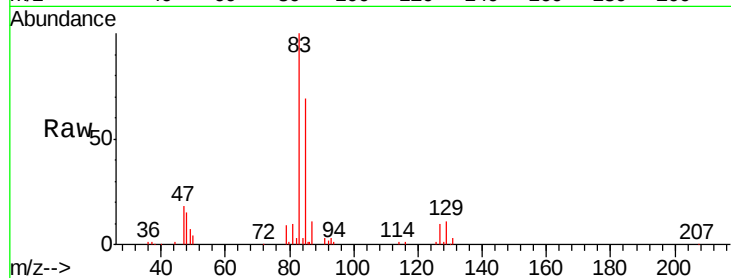
Tgt Ion: 83 Resp: 34136

Ion Ratio Lower Upper

83 100

85 69.5 52.9 79.3

127 10.2 7.8 11.6



#48

Methyl methacrylate

Concen: 20.92 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

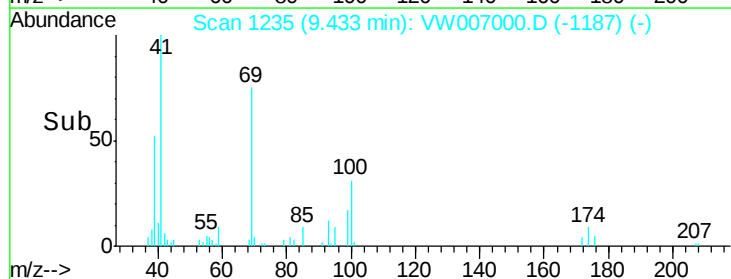
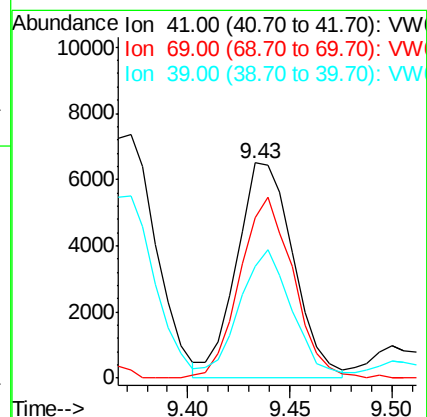
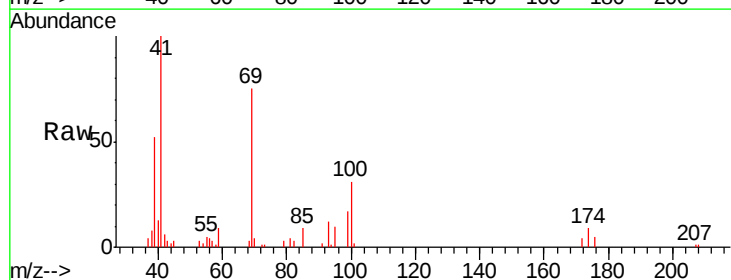
Tgt Ion: 41 Resp: 12613

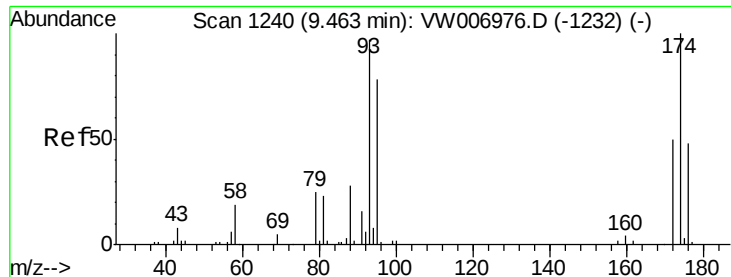
Ion Ratio Lower Upper

41 100

69 78.9 71.4 107.0

39 50.7 44.8 67.2

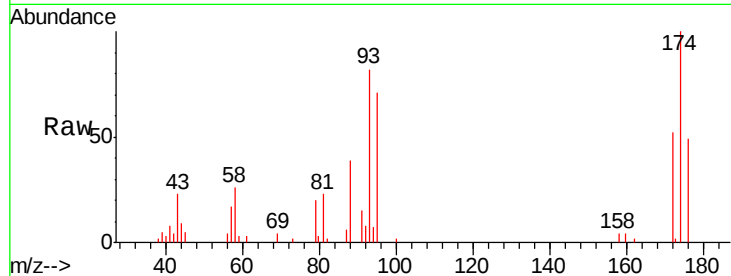




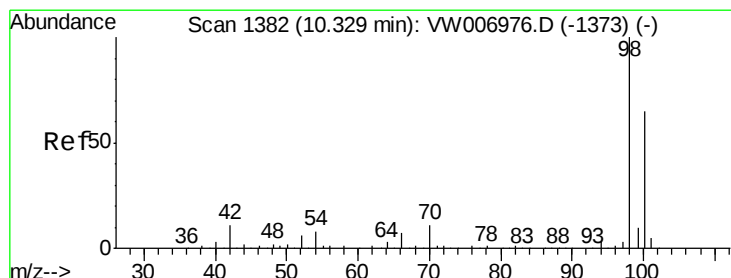
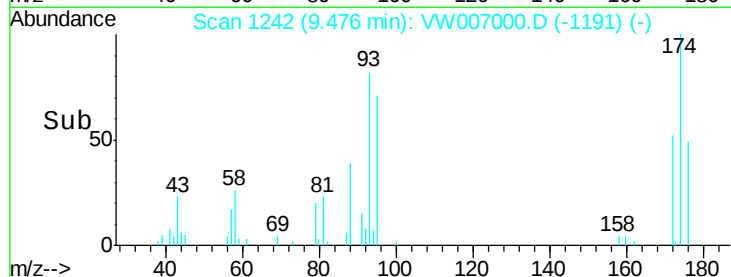
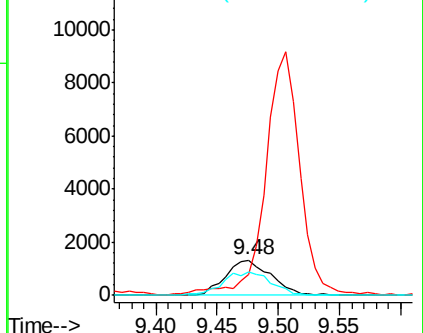
#49
1,4-Dioxane
Concen: 376.70 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion: 88 Resp: 3378
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.7 59.0 88.6

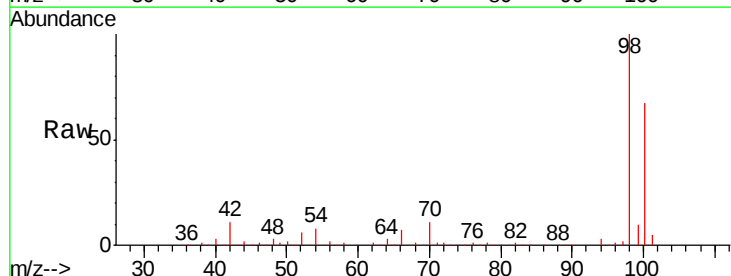


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

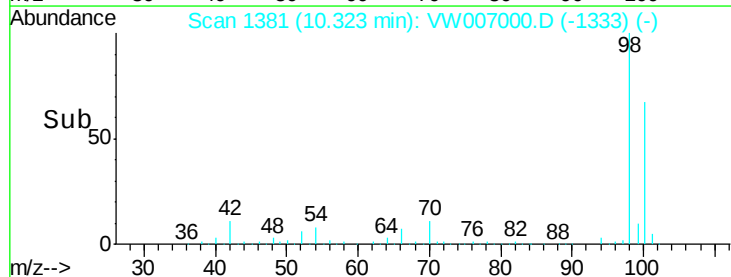
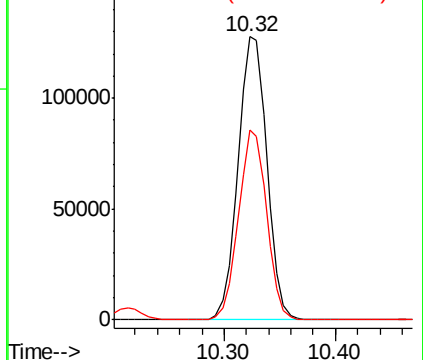


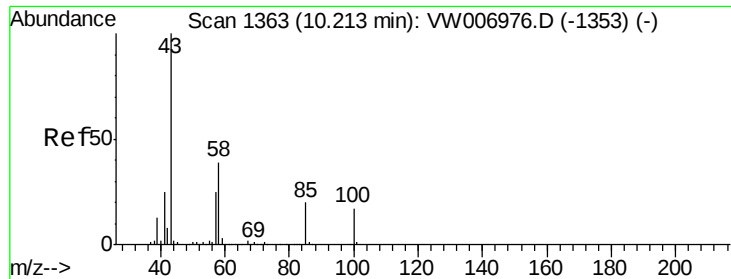
#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 98 Resp: 227946
Ion Ratio Lower Upper
98 100
100 65.6 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: 94.78 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

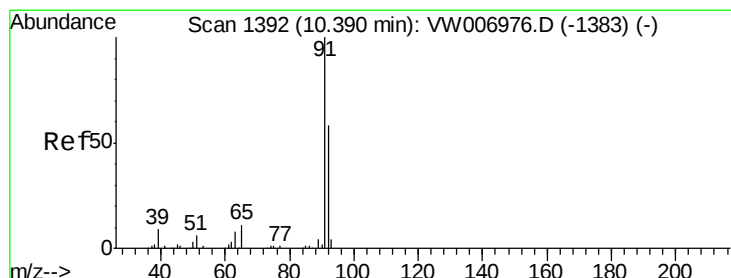
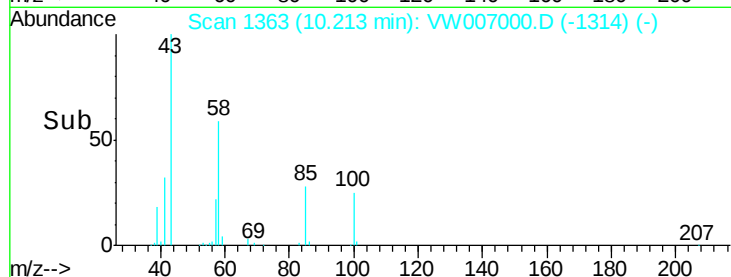
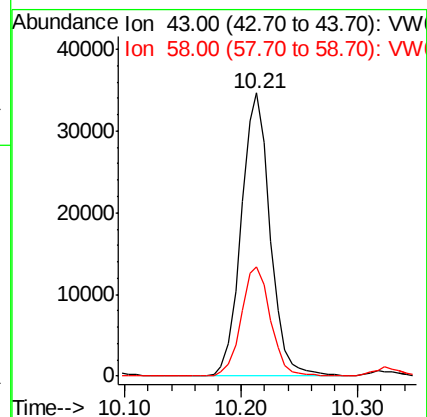
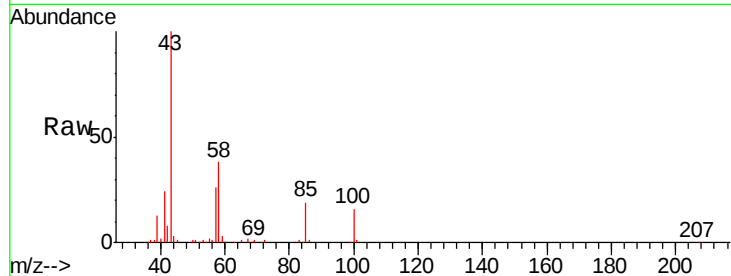
VW1122SBS01

Tgt Ion: 43 Resp: 59888

Ion Ratio Lower Upper

43 100

58 39.0 31.8 47.6



#52

Toluene

Concen: 21.56 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007000.D

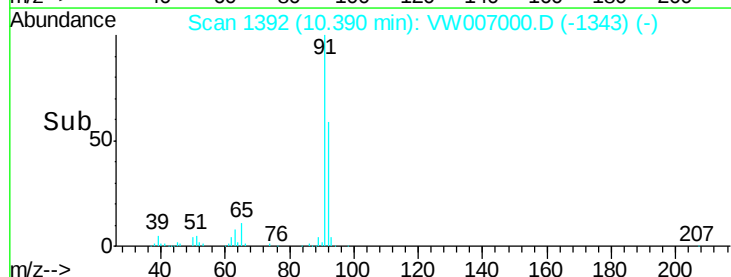
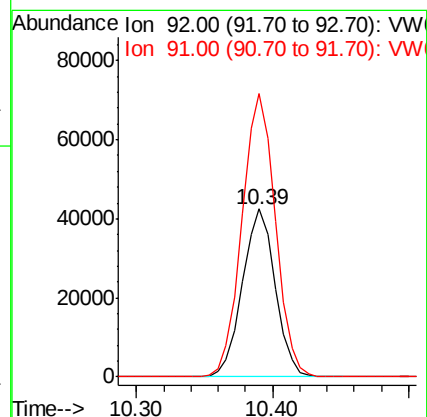
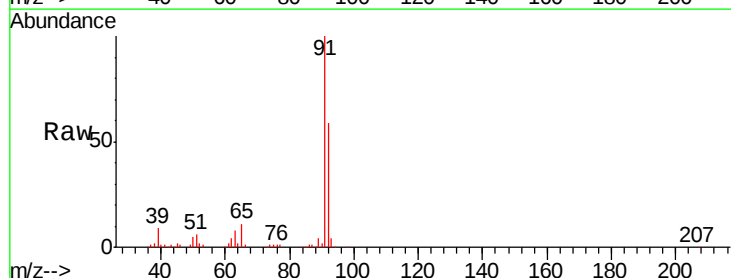
Acq: 21 Nov 2018 15:15

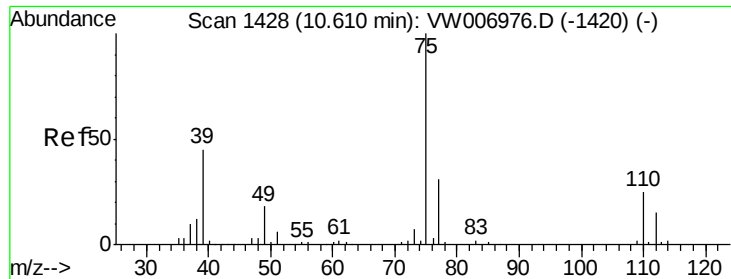
Tgt Ion: 92 Resp: 71724

Ion Ratio Lower Upper

92 100

91 171.3 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

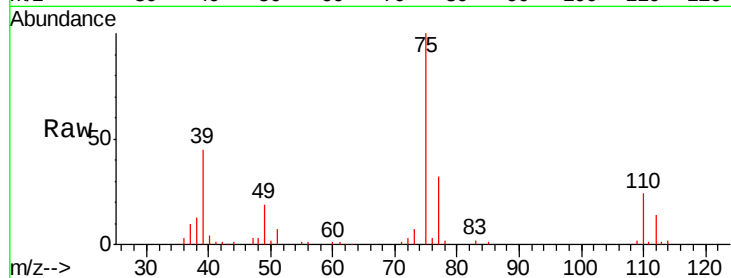
VW1122SBS01

Tgt Ion: 75 Resp: 31518

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

15000

10000

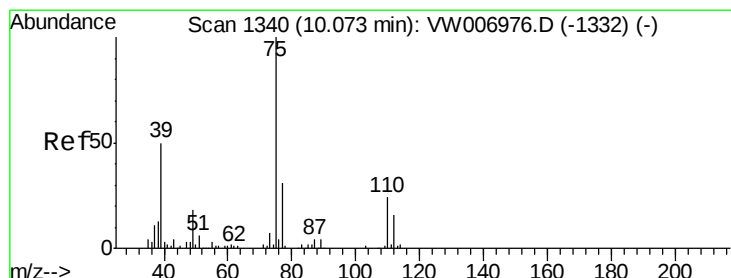
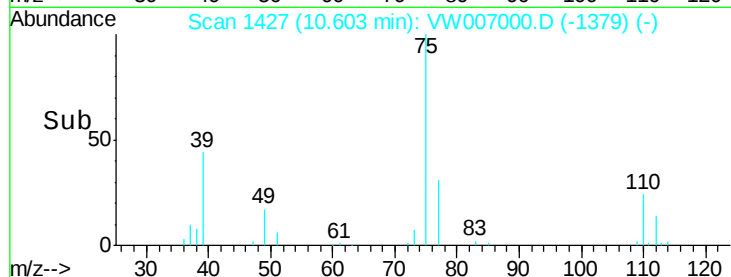
5000

0

10.60

10.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.26 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

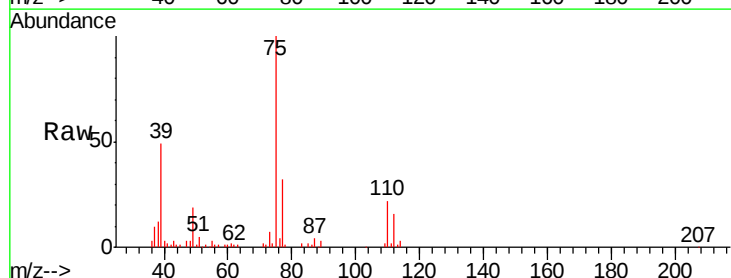
Tgt Ion: 75 Resp: 39557

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 49.5 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

10.07

30000

25000

20000

15000

10000

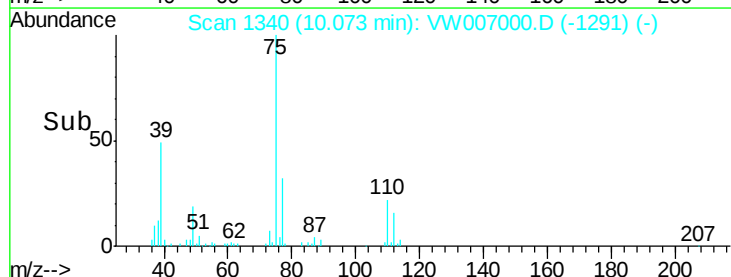
5000

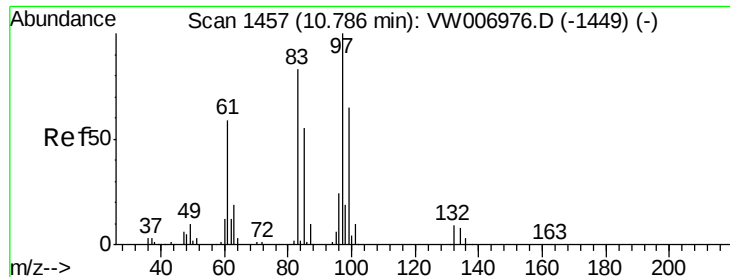
0

10.00

10.10

Time-->

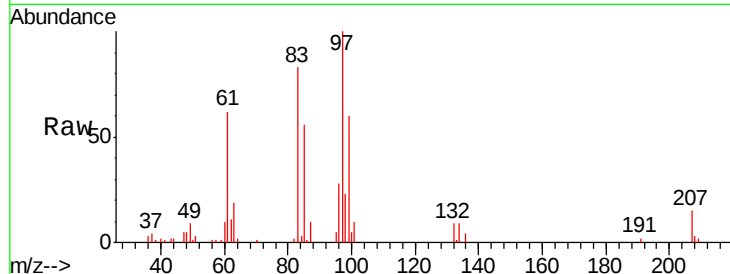




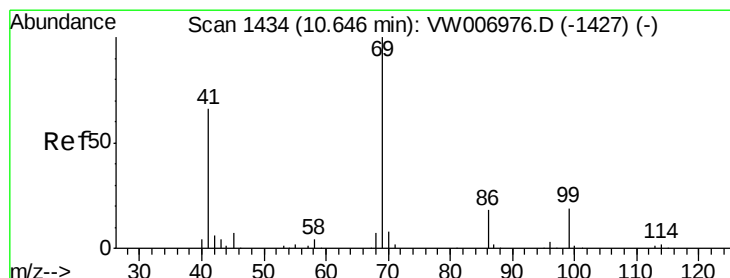
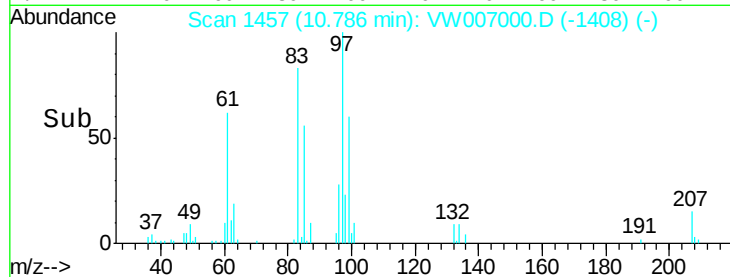
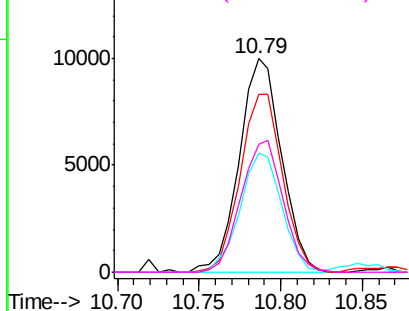
#55
 1,1,2-Trichloroethane
 Concen: 20.24 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tgt Ion:	97	Resp:	17962
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	55.6	44.1	66.1
99	60.1	51.7	77.5

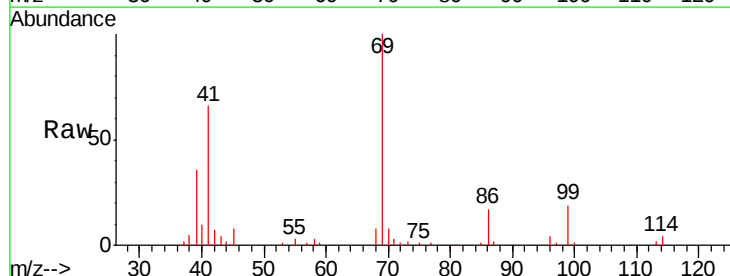


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

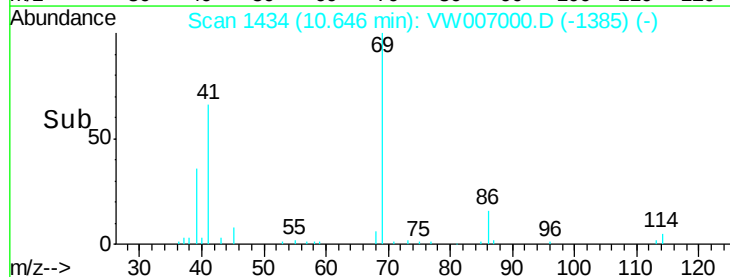
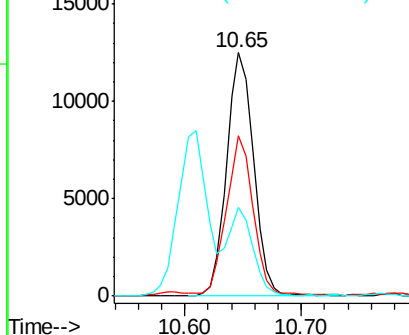


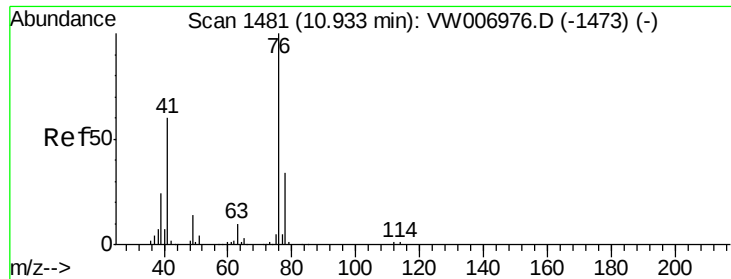
#56
 Ethyl methacrylate
 Concen: 19.64 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion:	69	Resp:	20234
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.4	80.0
39	34.7	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

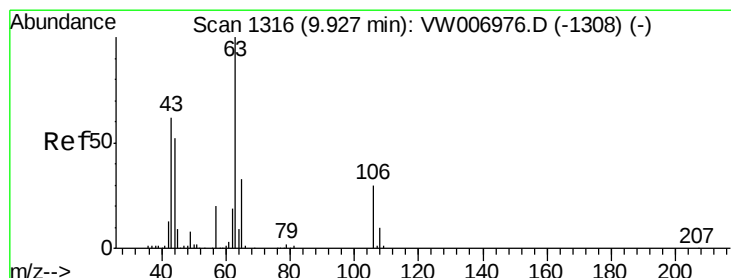
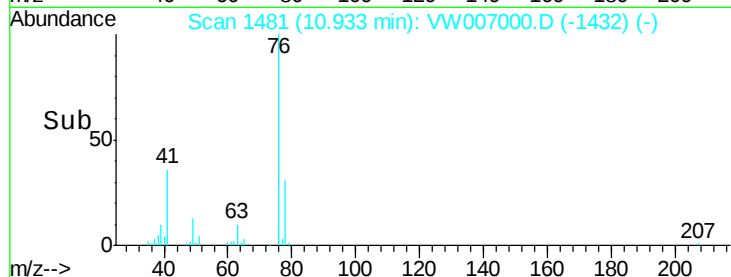
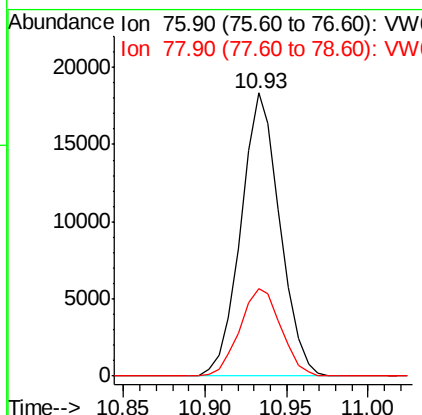
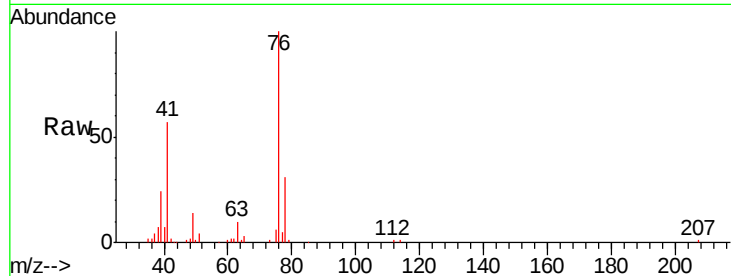




#57
 1,3-Dichloropropane
 Concen: 20.45 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

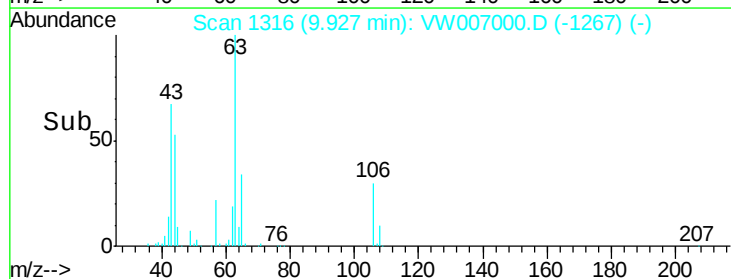
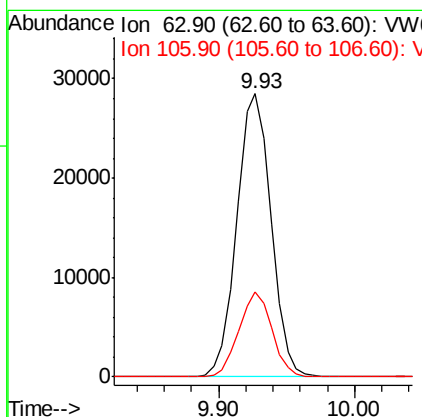
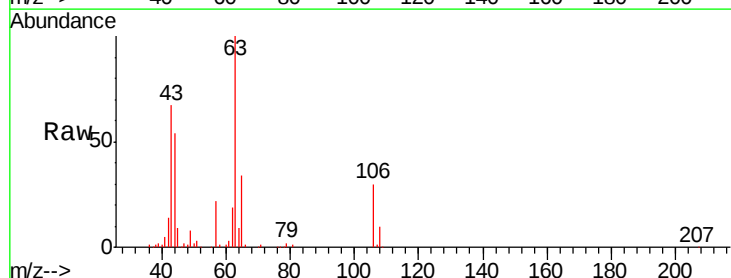
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

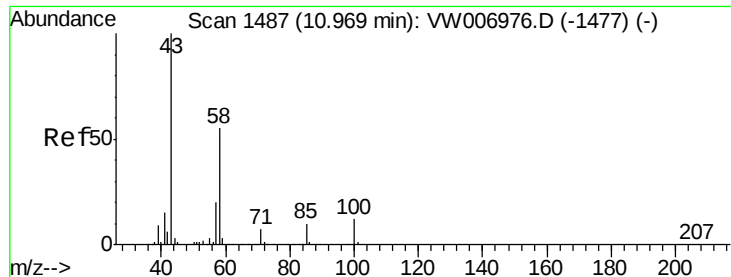
Tgt Ion: 76 Resp: 30416
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.93 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 63 Resp: 50034
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.5 35.3

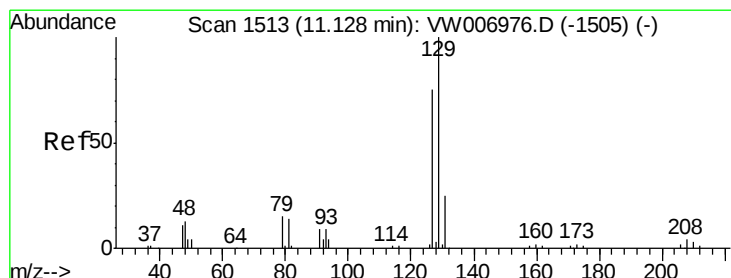
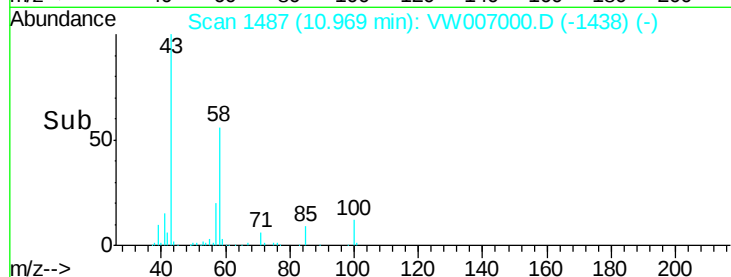
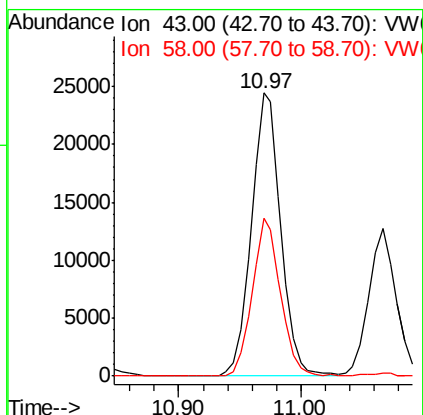
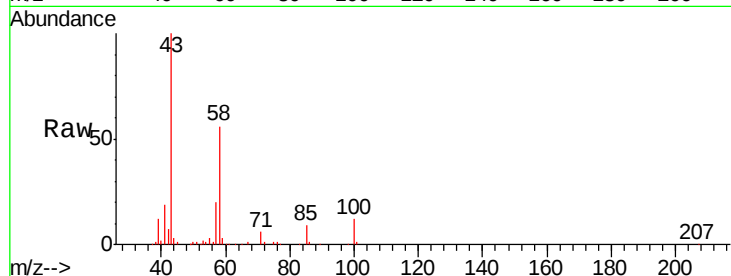




#59
2-Hexanone
Concen: 94.41 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

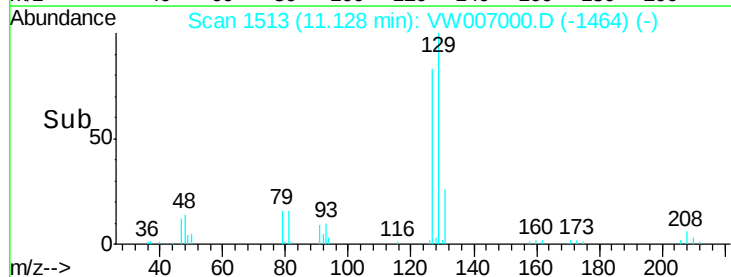
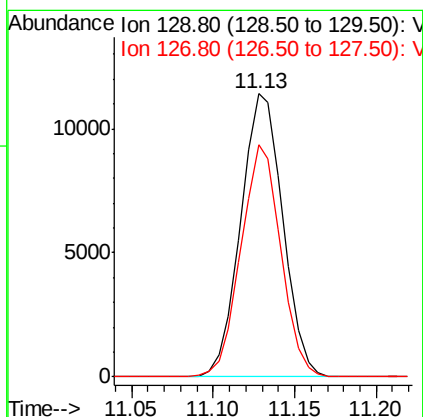
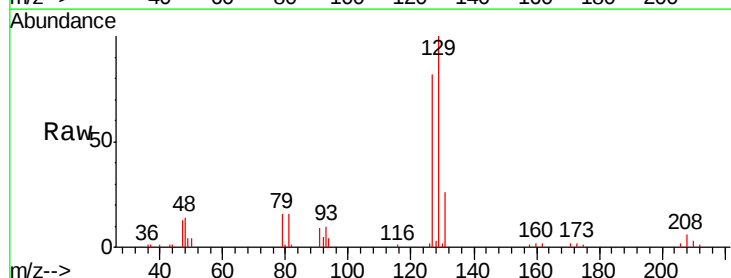
Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

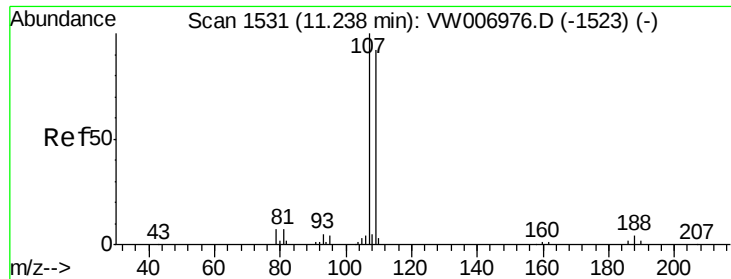
Tgt Ion: 43 Resp: 40852
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.20 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 129 Resp: 20427
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8

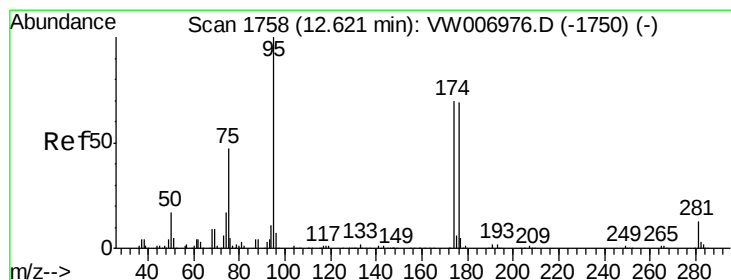
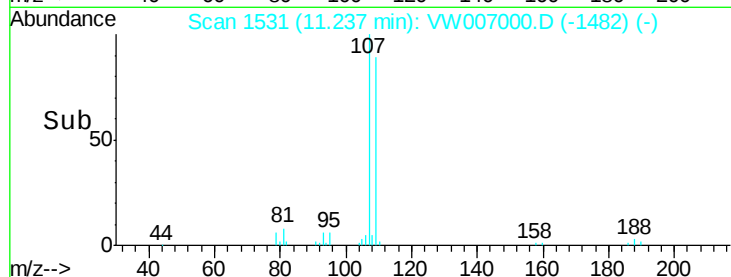
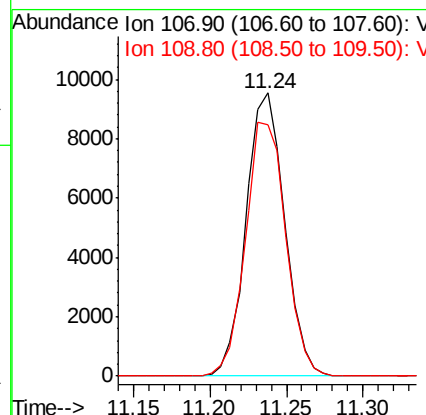
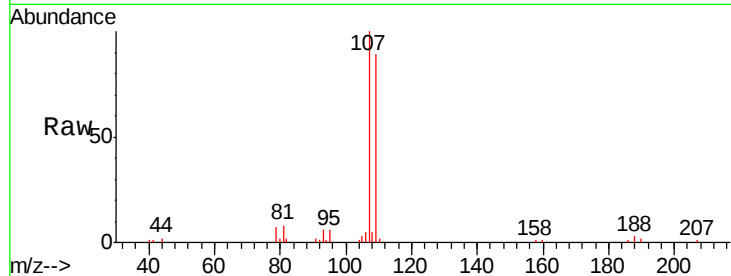




#61
 1,2-Dibromoethane
 Concen: 20.52 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

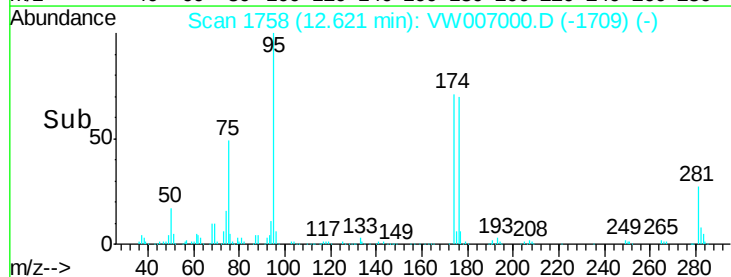
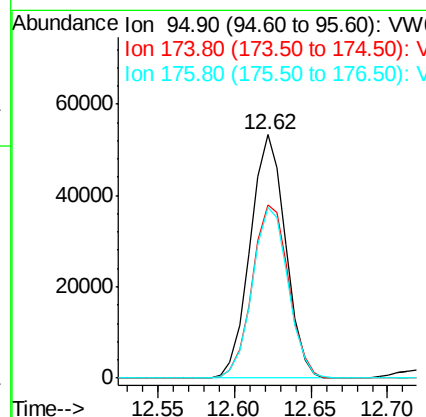
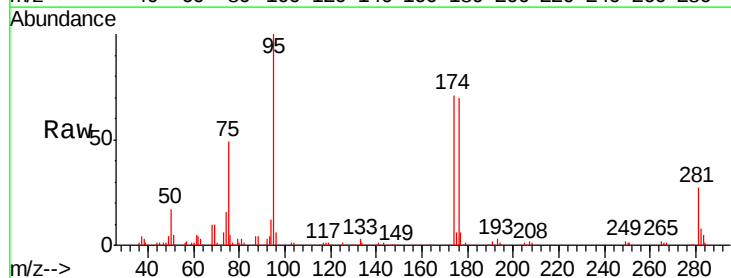
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

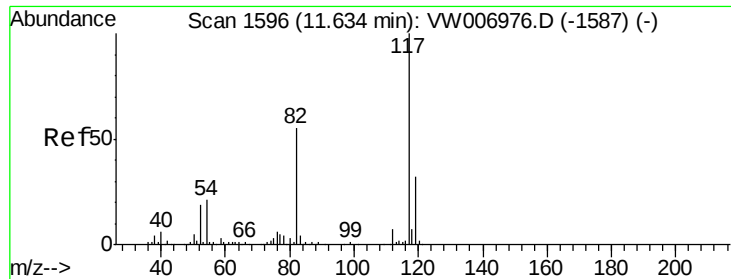
Tgt Ion: 107 Resp: 16665
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.09 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 95 Resp: 85618
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 143.6
 176 71.0 0.0 140.4

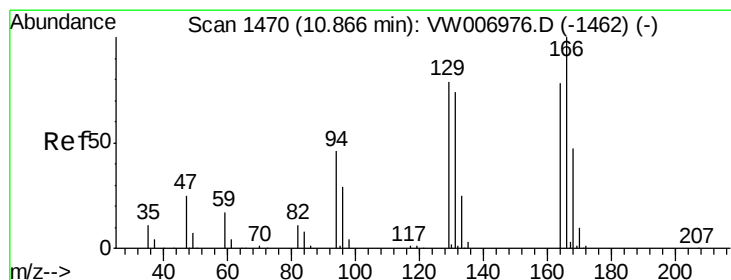
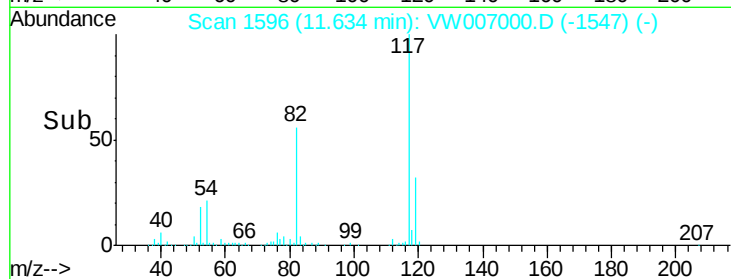
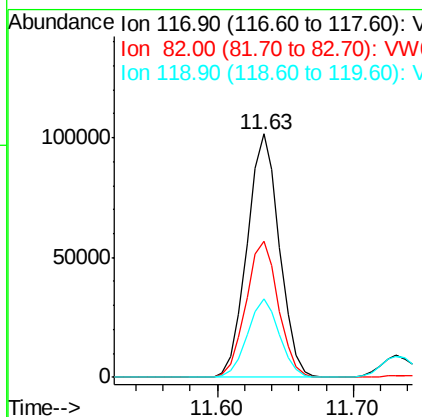
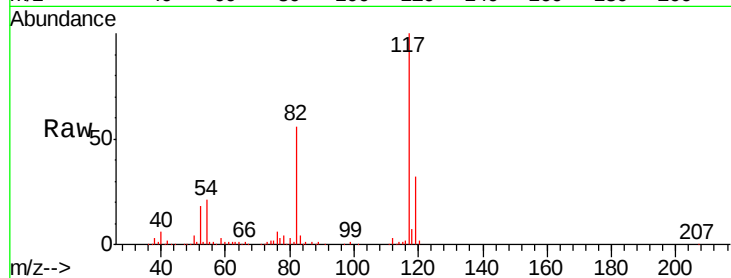




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

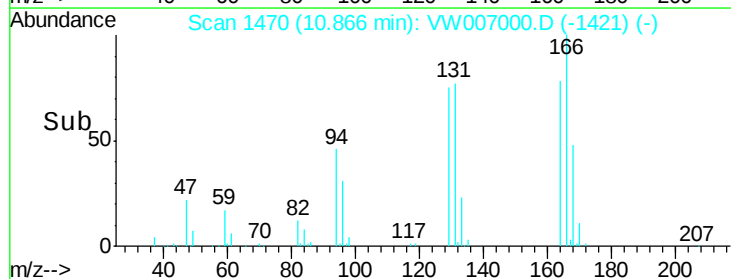
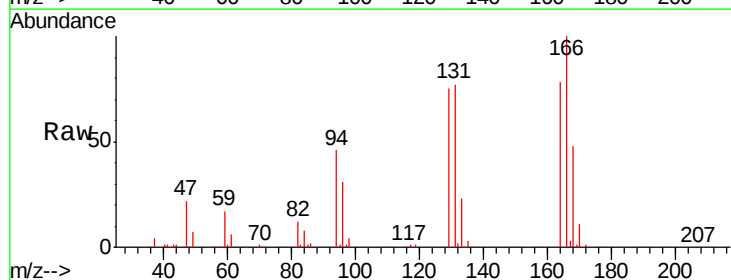
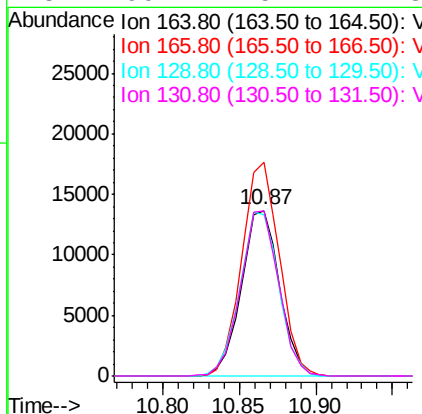
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

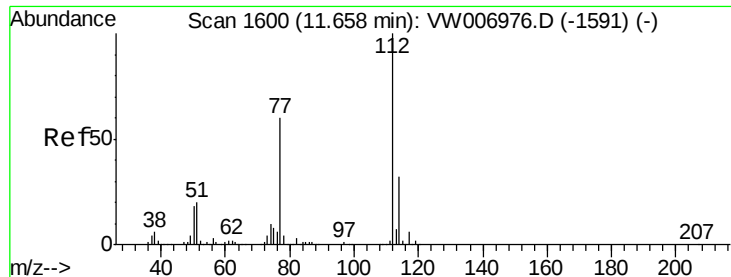
Tgt Ion:117 Resp: 168903
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 21.70 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:164 Resp: 23580
Ion Ratio Lower Upper
164 100
166 128.9 102.1 153.1
129 97.3 80.4 120.6
131 99.7 75.2 112.8

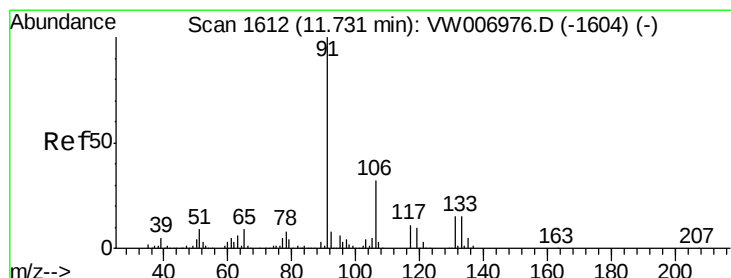
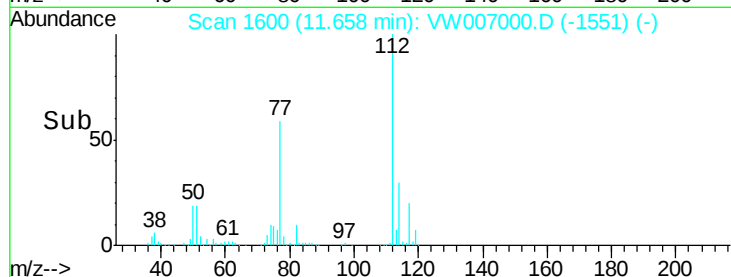
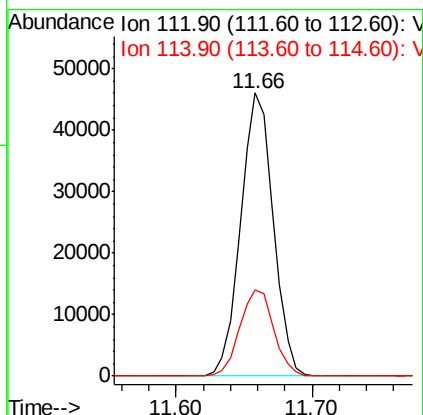
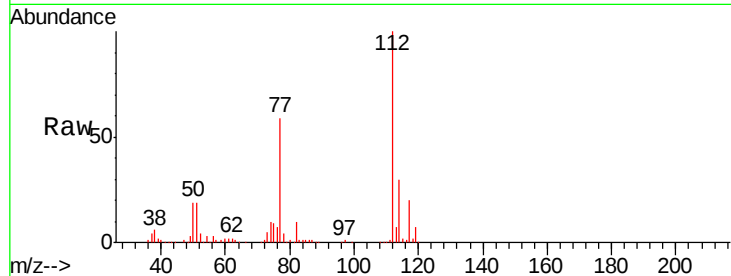




#65
Chlorobenzene
Concen: 21.82 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

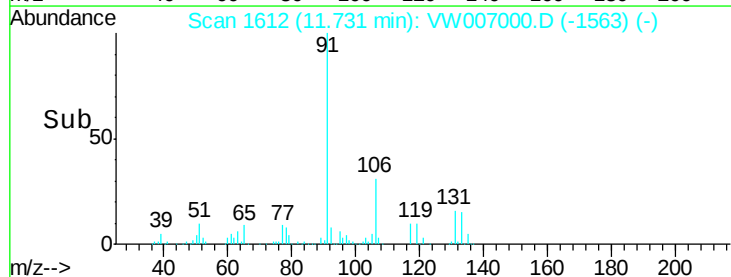
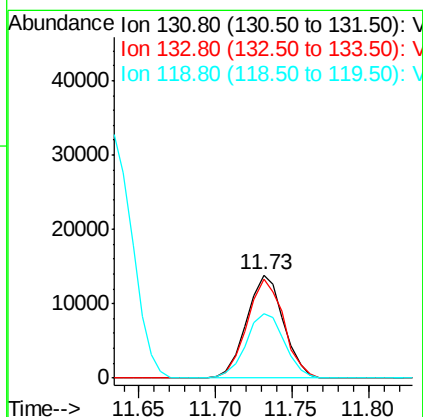
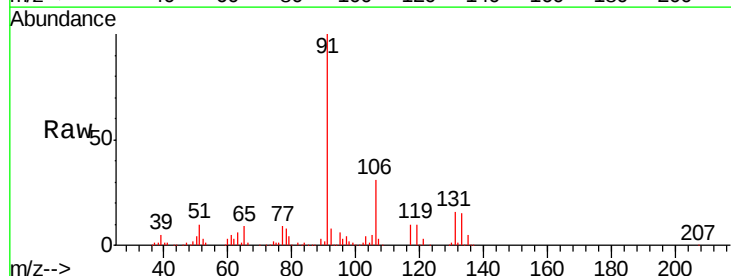
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

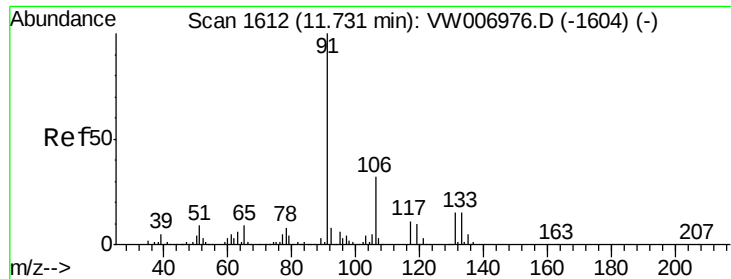
Tgt Ion:112 Resp: 76934
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.84 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:131 Resp: 23288
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.1 31.8 95.3

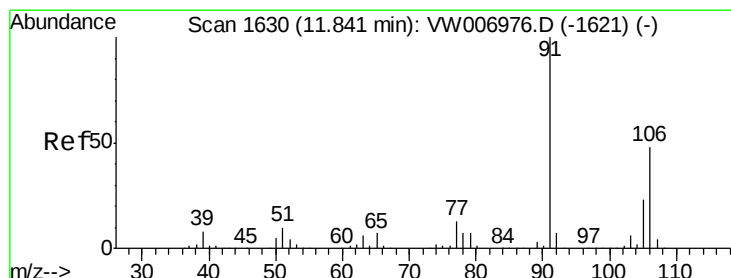
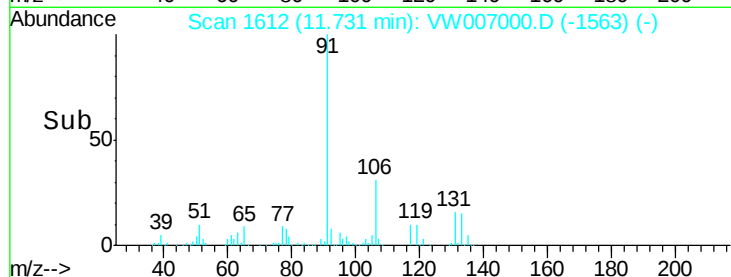
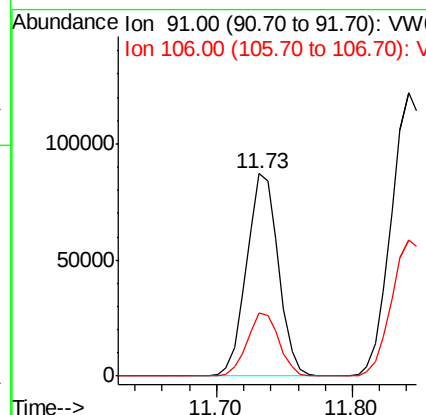
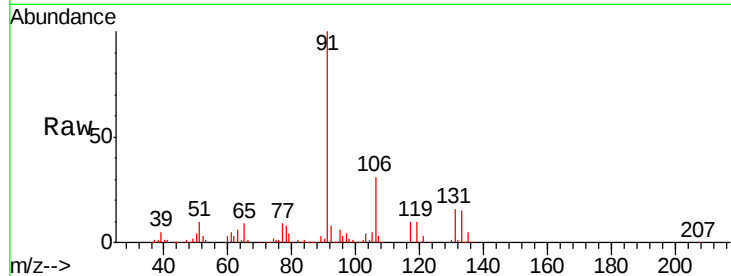




#67
Ethyl Benzene
Concen: 22.01 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

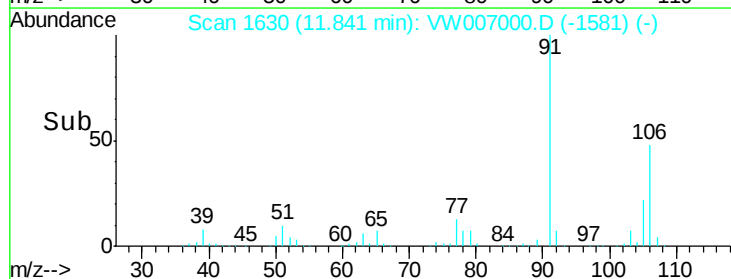
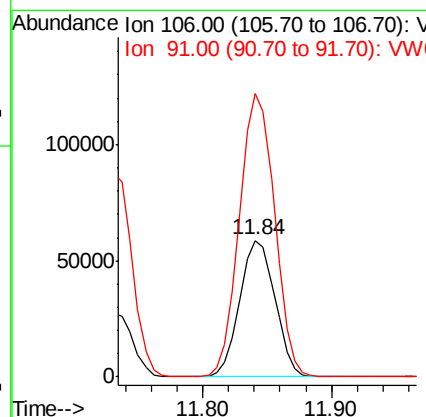
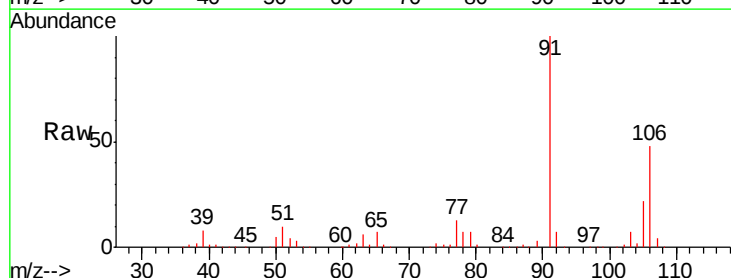
Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

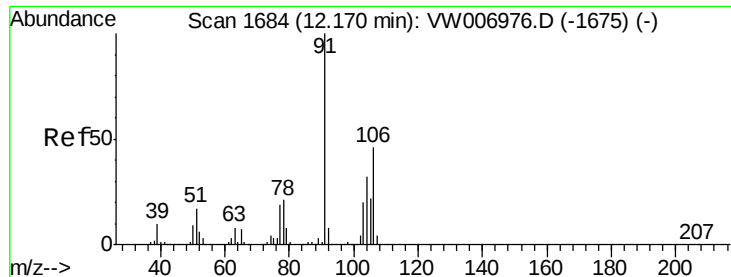
Tgt Ion: 91 Resp: 142546
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 43.90 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 106 Resp: 111550
Ion Ratio Lower Upper
106 100
91 207.5 164.8 247.2

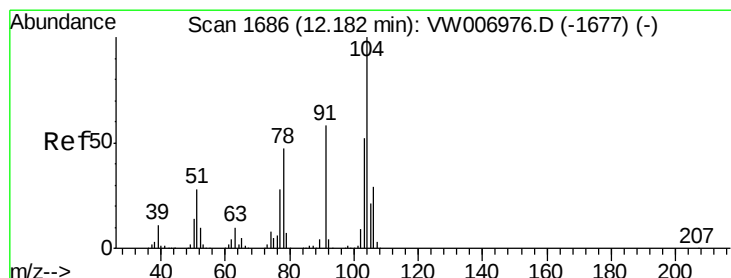
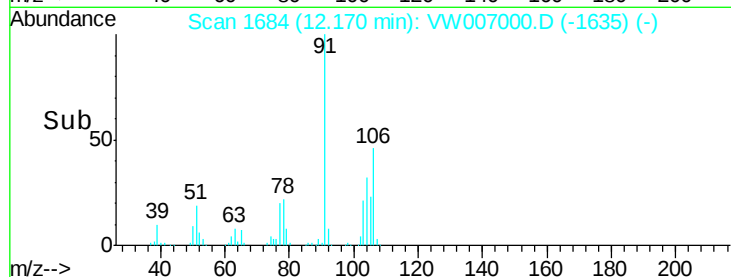
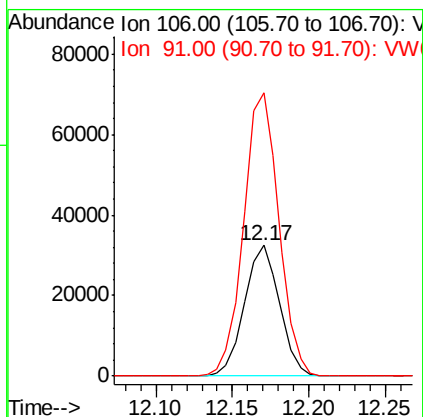
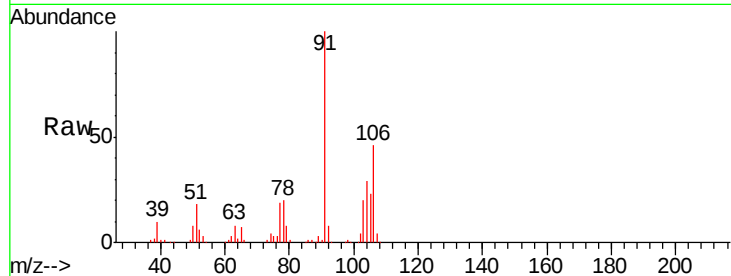




#69
o-Xylene
Concen: 21.62 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

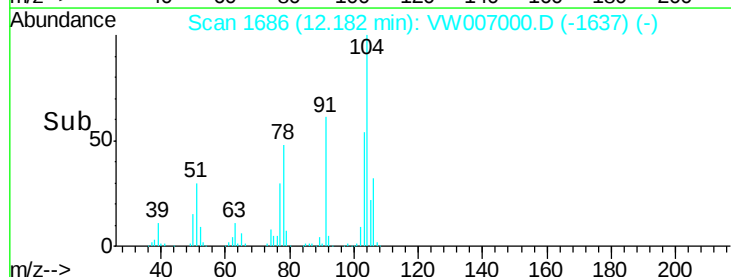
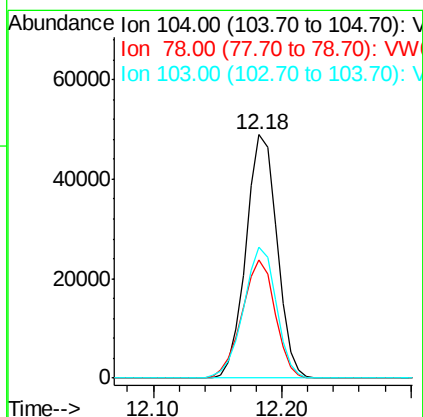
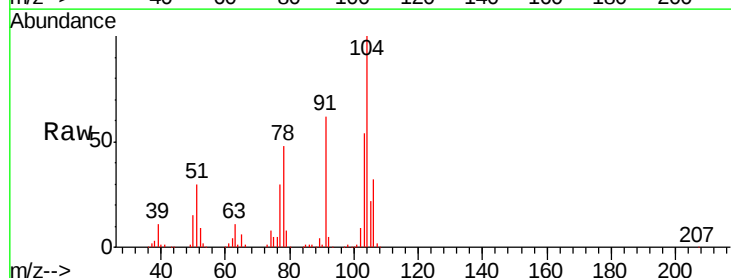
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

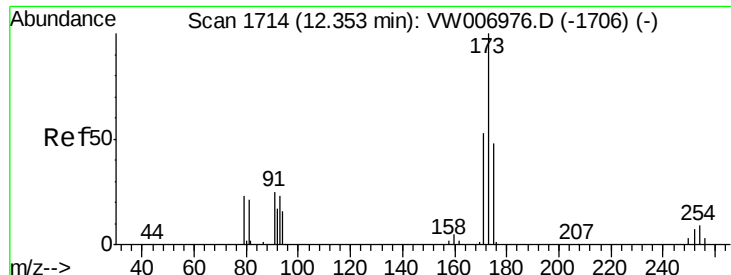
Tgt Ion:106 Resp: 51793
Ion Ratio Lower Upper
106 100
91 217.4 107.9 323.8



#70
Styrene
Concen: 21.31 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:104 Resp: 81257
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 56.8 44.4 66.6





#71

Bromoform

Concen: 20.23 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

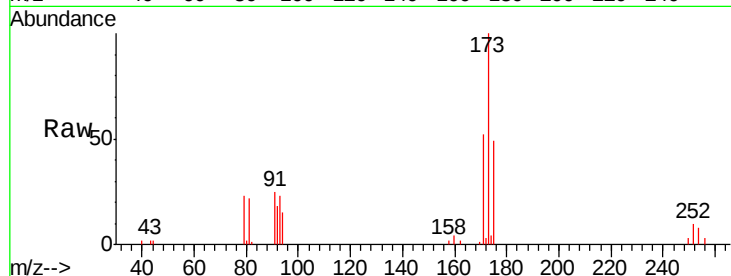
Tgt Ion:173 Resp: 10163

Ion Ratio Lower Upper

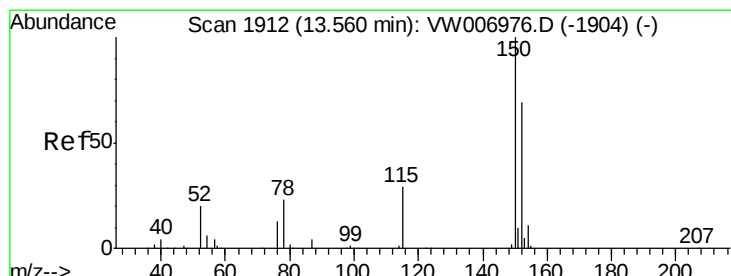
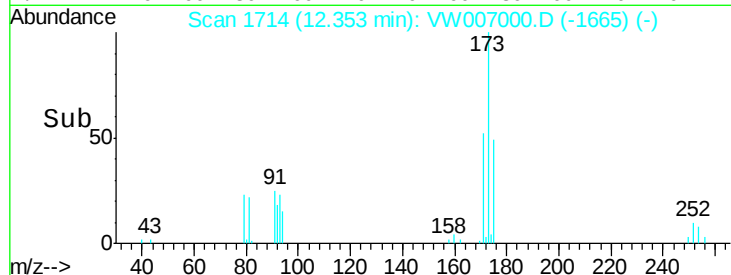
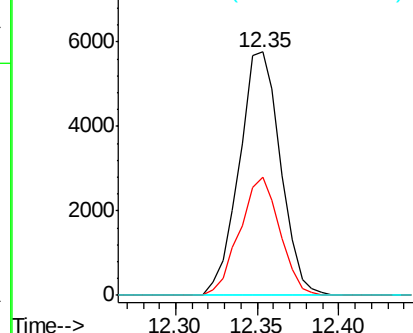
173 100

175 47.2 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: VW007000.D

Acq: 21 Nov 2018 15:15

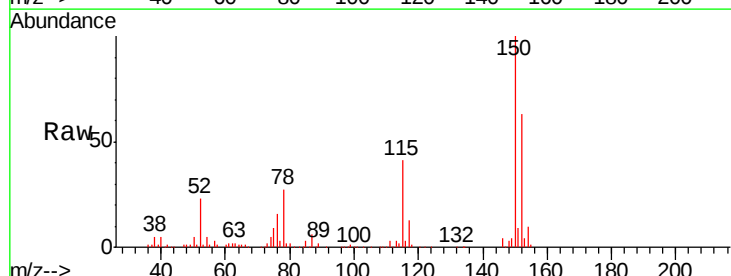
Tgt Ion:152 Resp: 84338

Ion Ratio Lower Upper

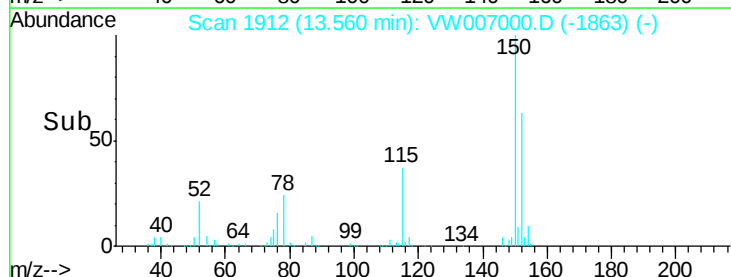
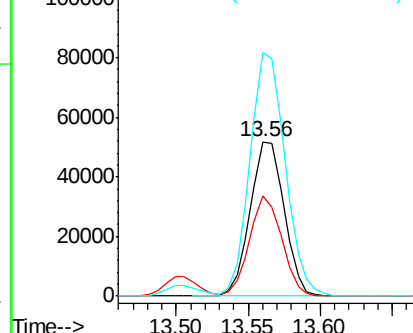
152 100

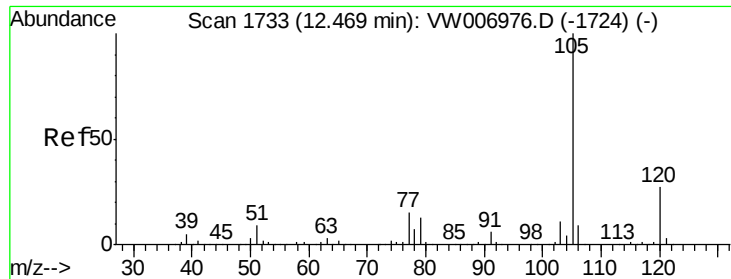
115 61.8 31.4 94.2

150 164.1 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

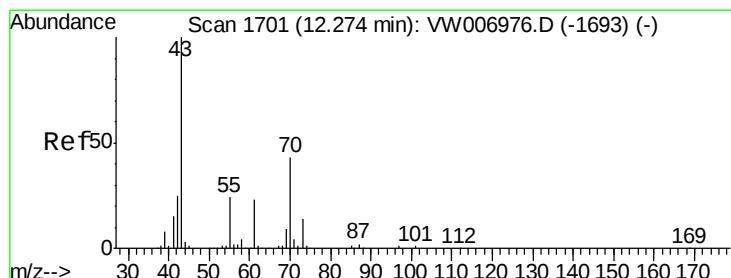
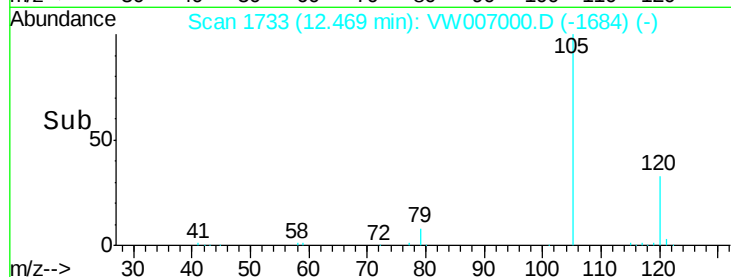
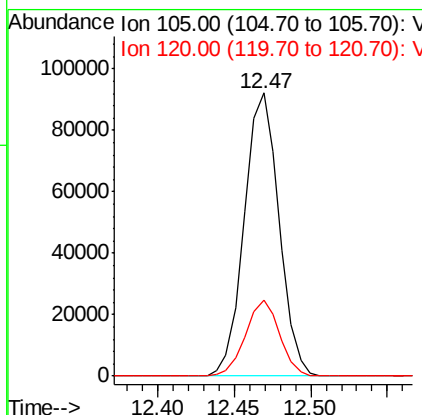
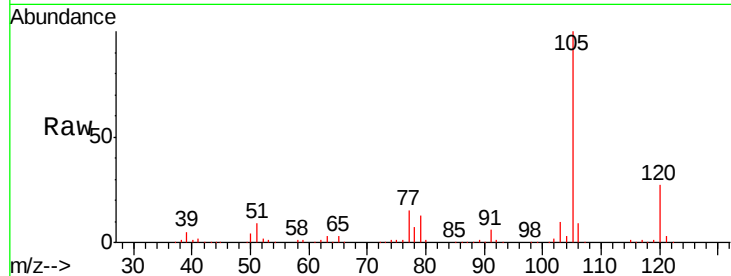




#73
Isopropylbenzene
Concen: 22.19 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

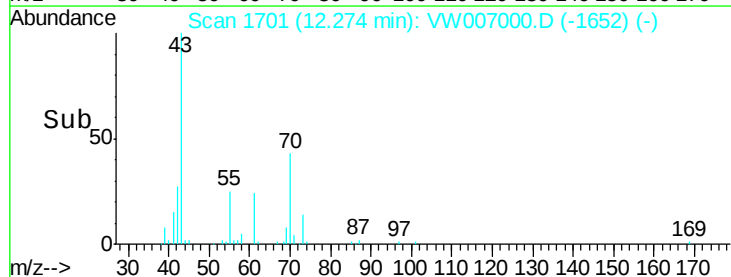
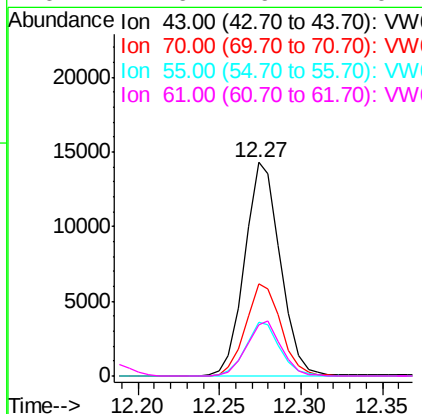
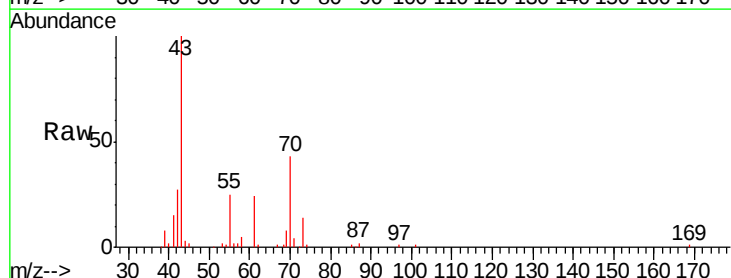
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

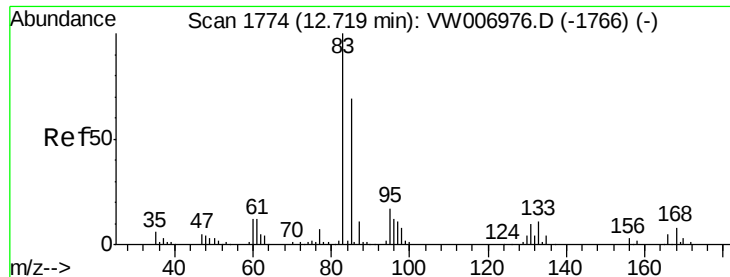
Tgt Ion: 105 Resp: 145429
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8



#74
N-ethyl acetate
Concen: 19.81 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 43 Resp: 21761
Ion Ratio Lower Upper
43 100
70 42.9 34.0 51.0
55 24.2 19.4 29.0
61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.99 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

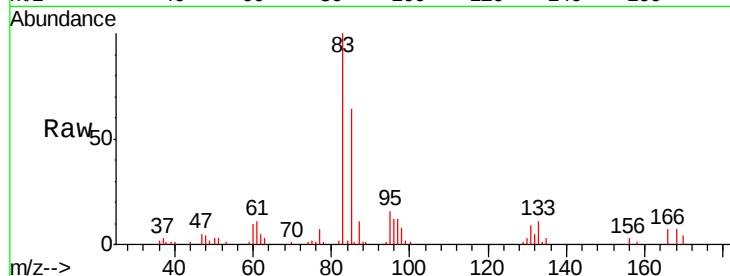
Tgt Ion: 83 Resp: 17434

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

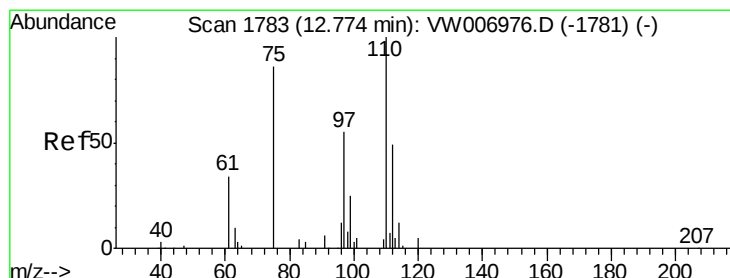
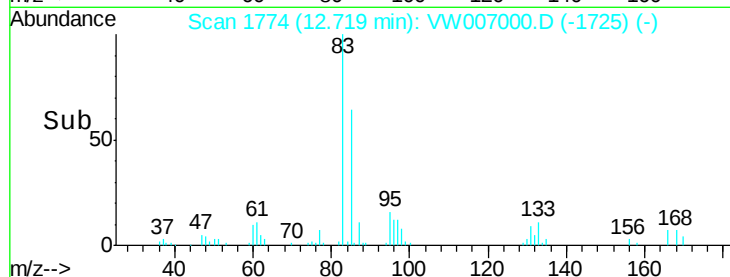
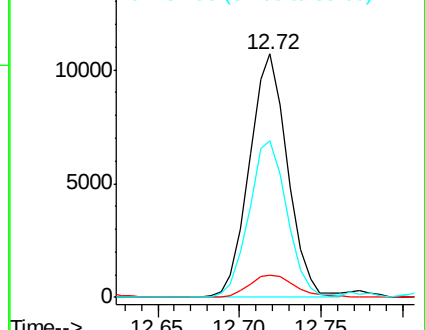
85 64.4 33.1 99.2



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: 36.50 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007000.D

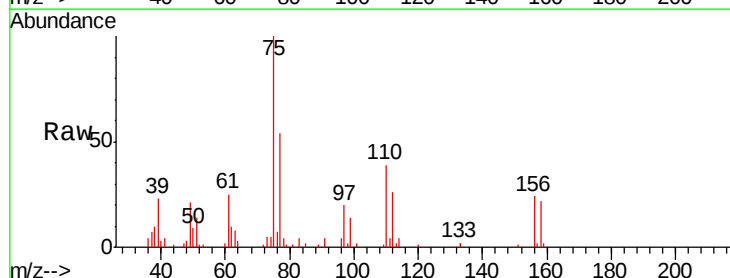
Acq: 21 Nov 2018 15:15

Tgt Ion: 75 Resp: 24190

Ion Ratio Lower Upper

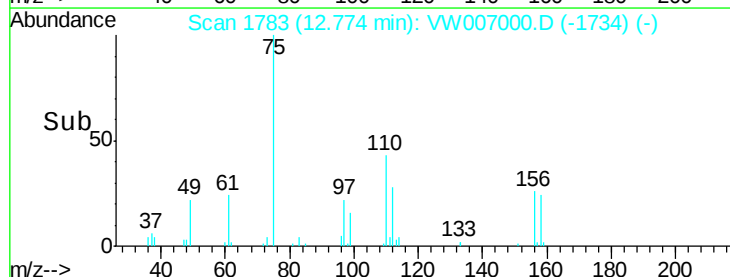
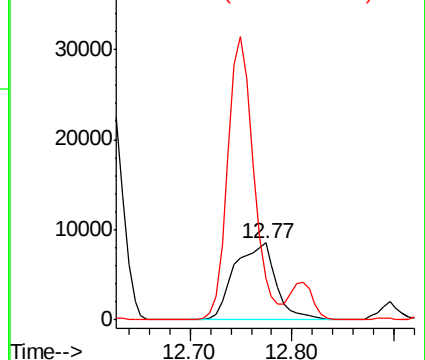
75 100

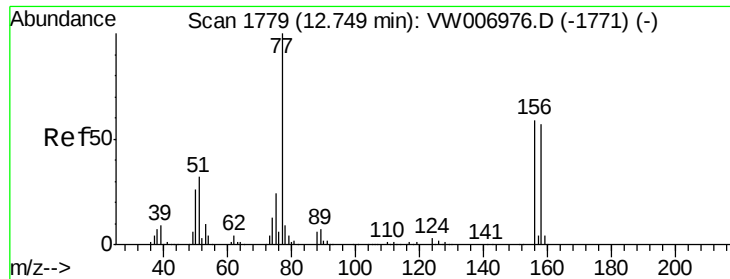
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

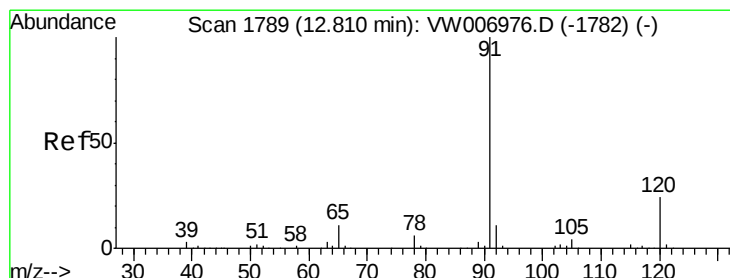
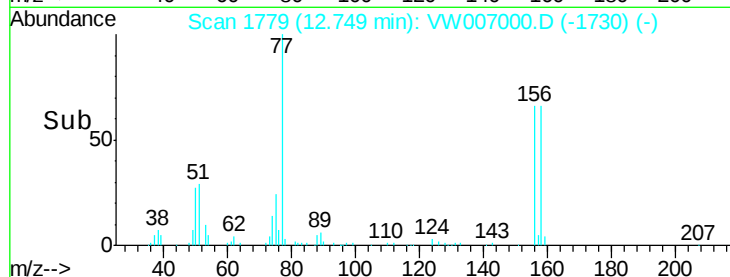
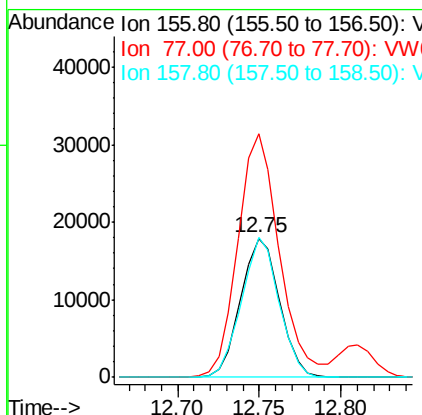
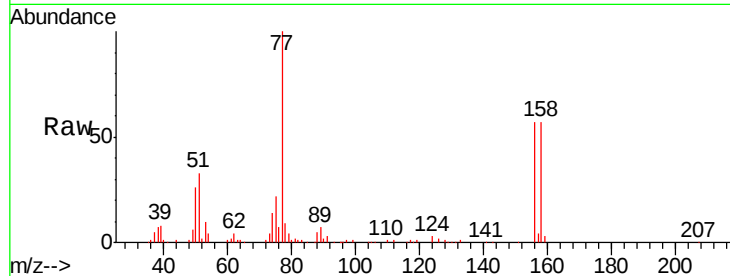




#77
Bromobenzene
Concen: 21.13 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

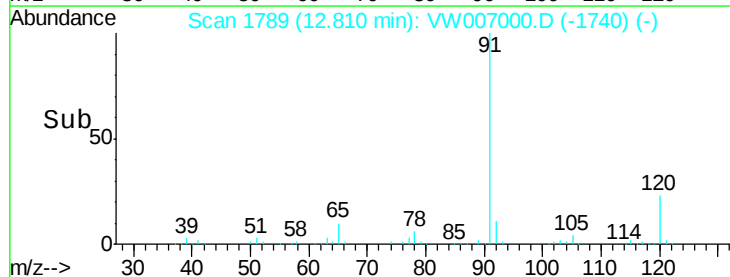
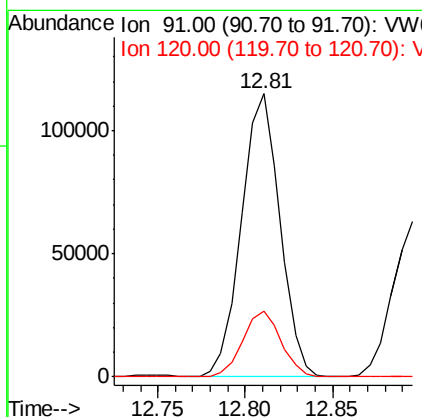
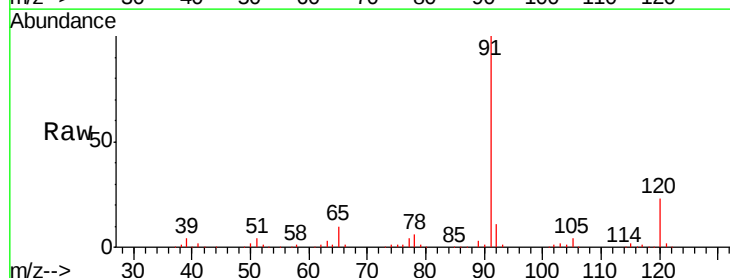
Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

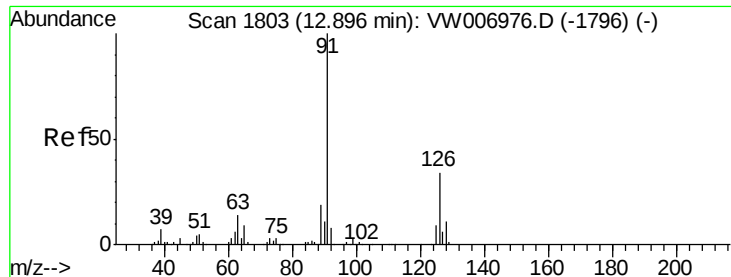
Tgt Ion: 156 Resp: 29747
Ion Ratio Lower Upper
156 100
77 186.0 94.6 283.8
158 97.5 48.9 146.7



#78
n-propylbenzene
Concen: 22.10 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 91 Resp: 175433
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 21.83 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

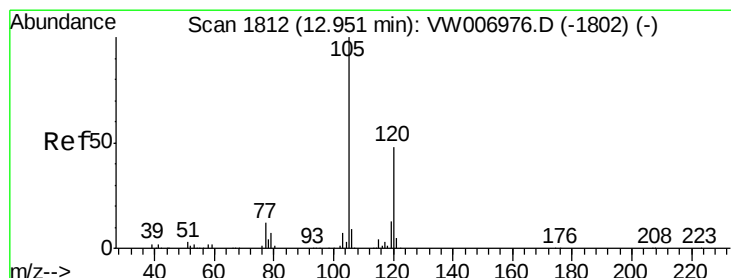
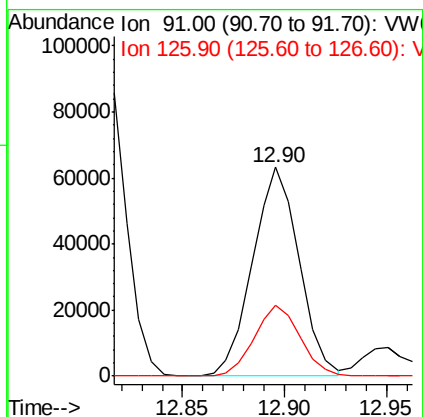
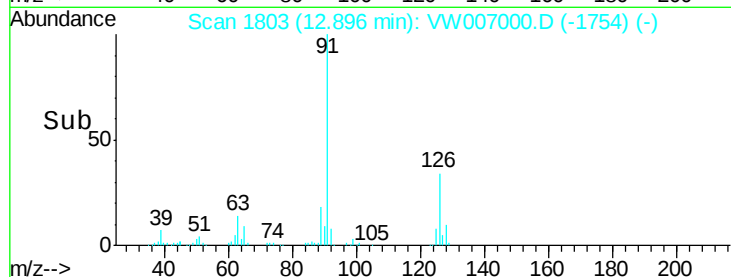
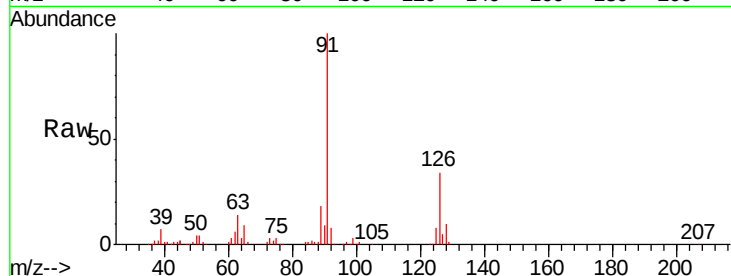
VW1122SBS01

Tgt Ion: 91 Resp: 99949

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 21.57 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007000.D

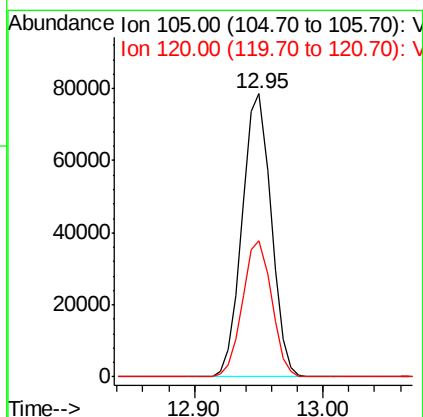
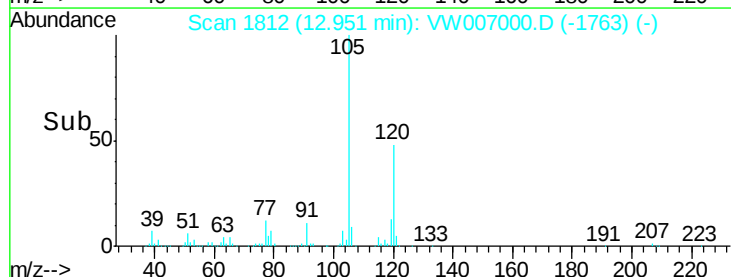
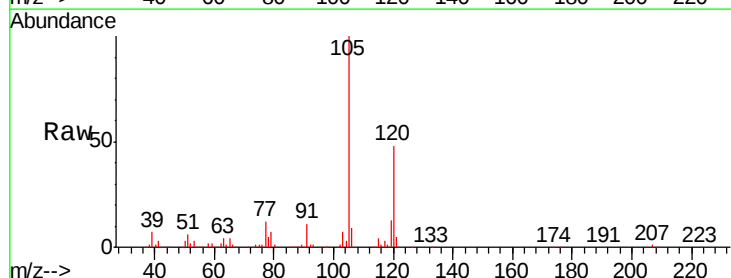
Acq: 21 Nov 2018 15:15

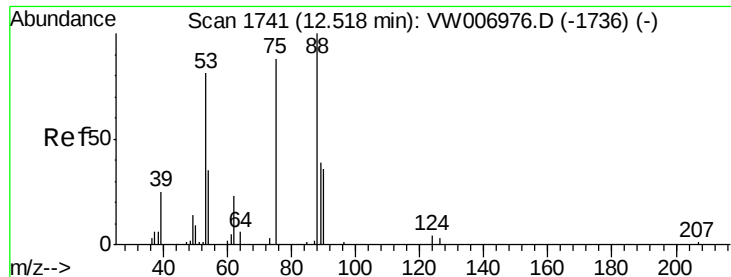
Tgt Ion: 105 Resp: 122270

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.45 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007000.D

Acq: 21 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

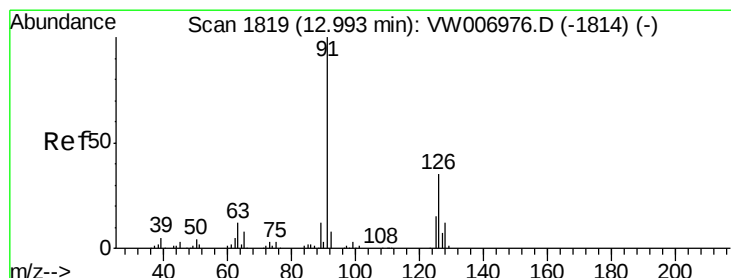
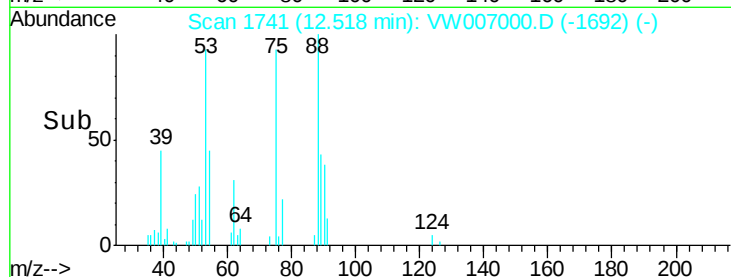
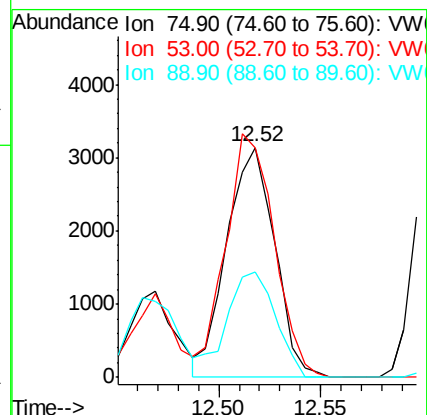
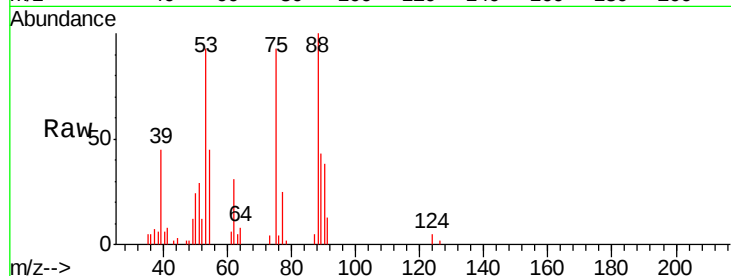
Tgt Ion: 75 Resp: 5133

Ion Ratio Lower Upper

75 100

53 106.9 77.6 116.4

89 46.6 39.3 58.9



#82

4-Chlorotoluene

Concen: 21.76 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007000.D

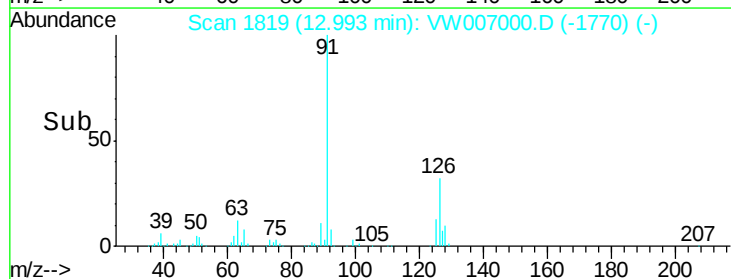
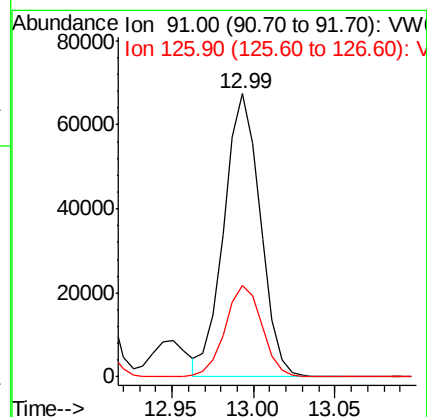
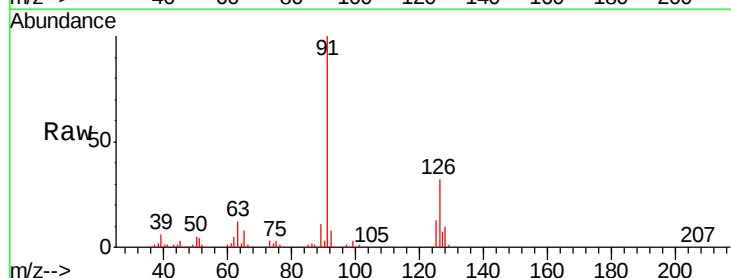
Acq: 21 Nov 2018 15:15

Tgt Ion: 91 Resp: 104537

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.7

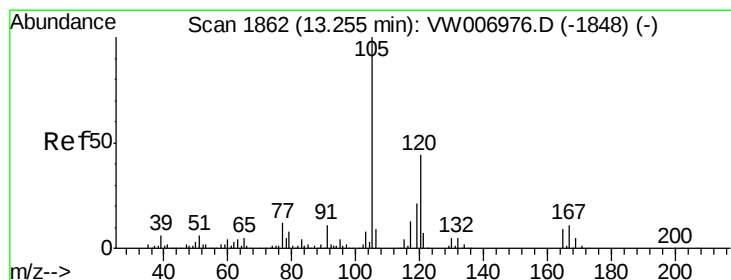
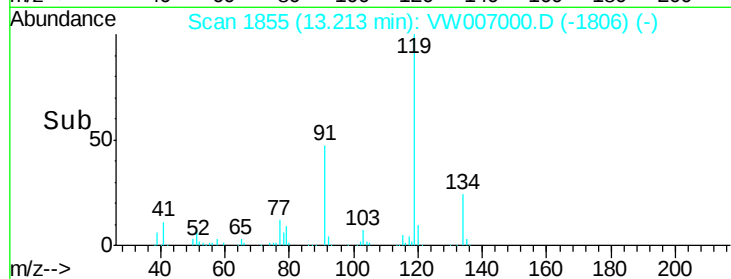
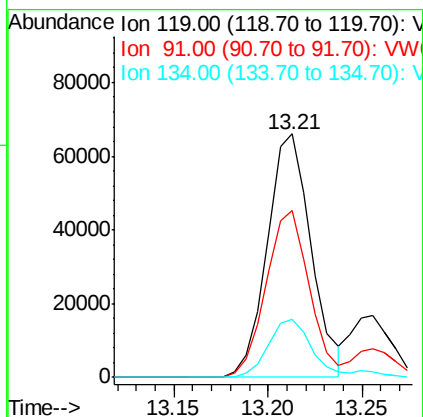
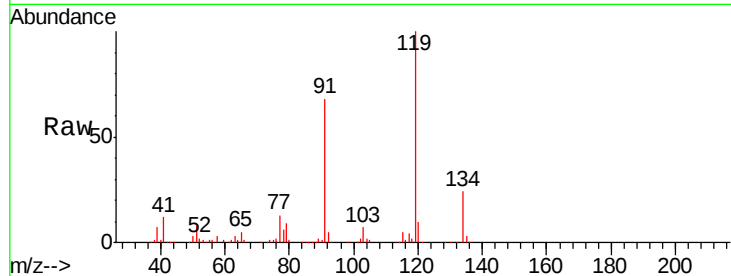




#83
tert-Butylbenzene
Concen: 21.78 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

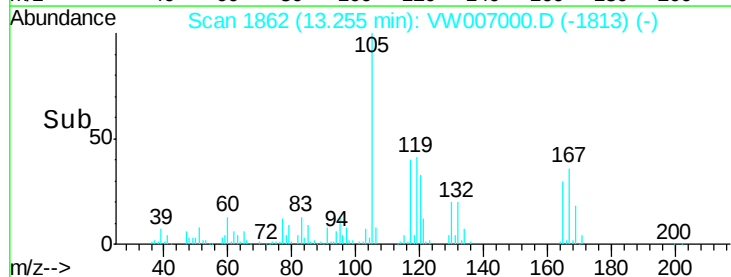
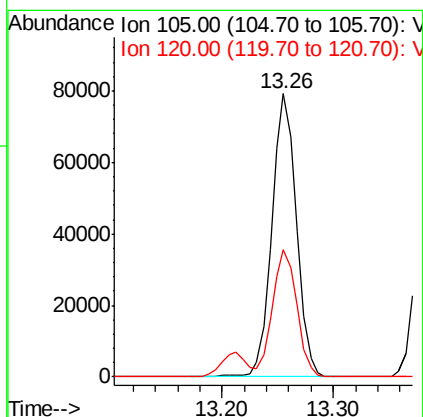
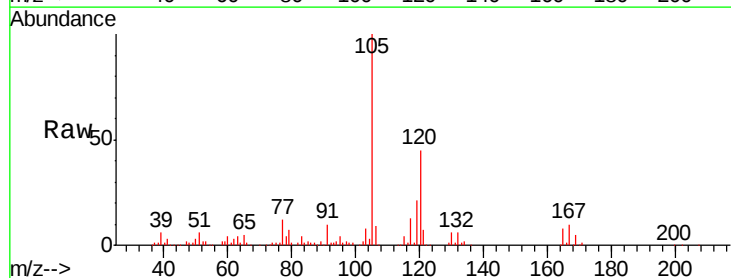
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

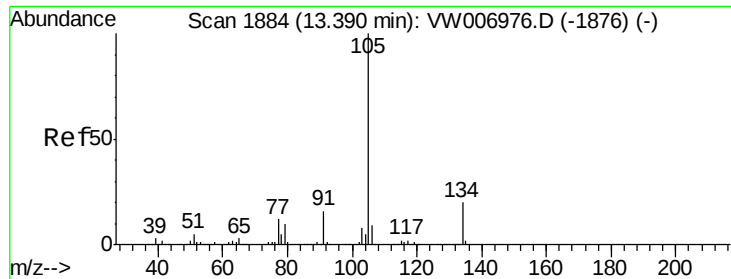
Tgt Ion:119 Resp: 106892
Ion Ratio Lower Upper
119 100
91 67.3 33.5 100.5
134 23.6 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 21.45 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:105 Resp: 121142
Ion Ratio Lower Upper
105 100
120 44.6 21.8 65.3

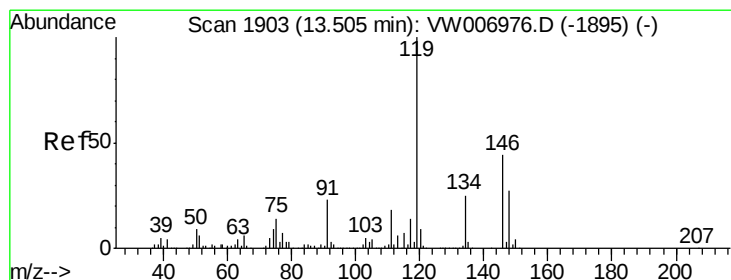
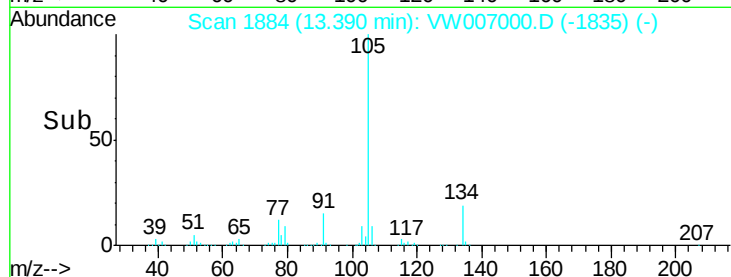
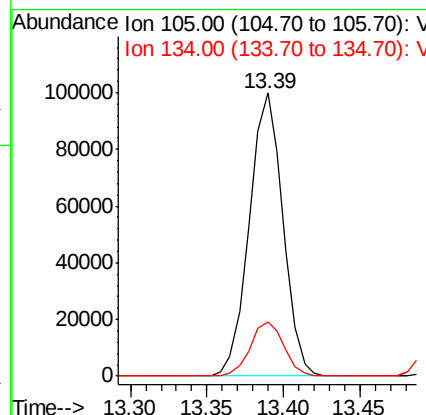
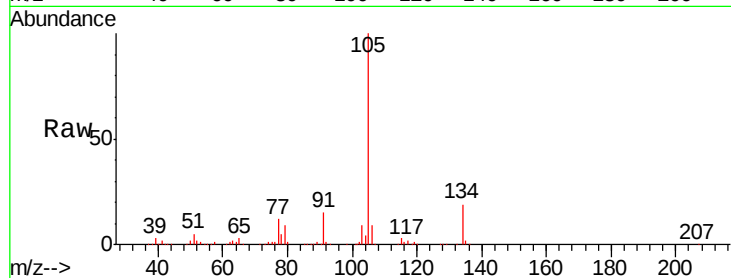




#85
 sec-Butylbenzene
 Concen: 21.94 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

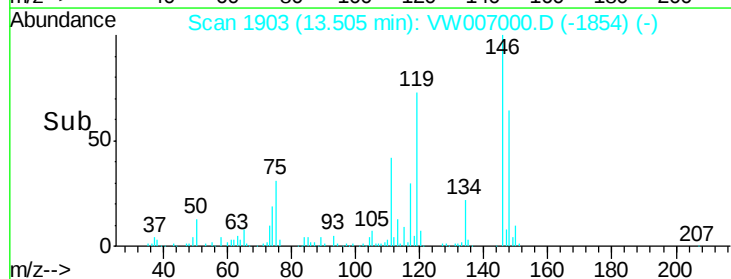
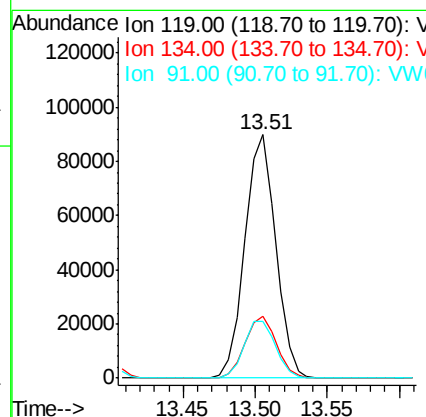
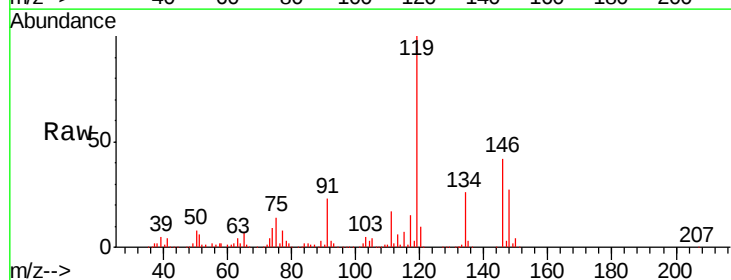
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

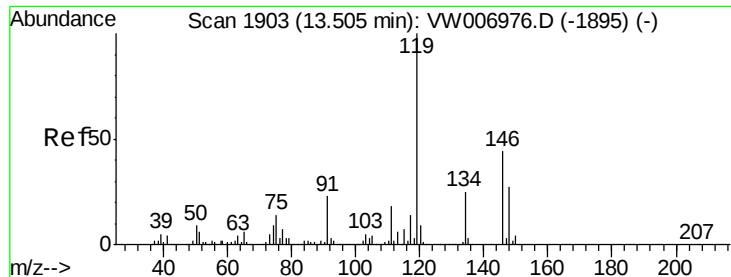
Tgt Ion:105 Resp: 152102
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.77 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion:119 Resp: 133159
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 24.2 12.2 36.6

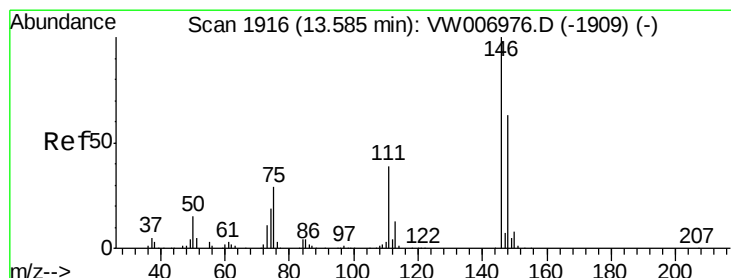
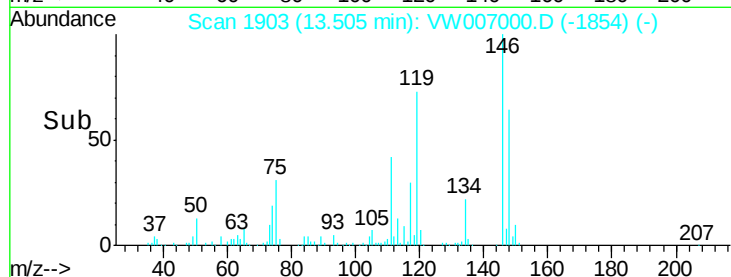
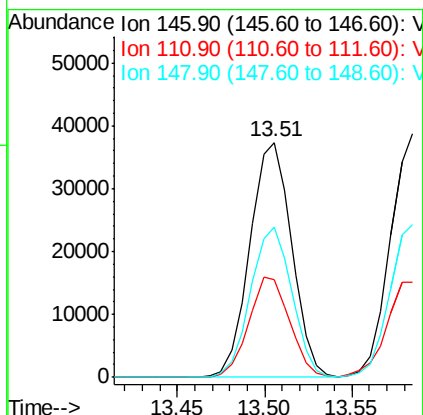
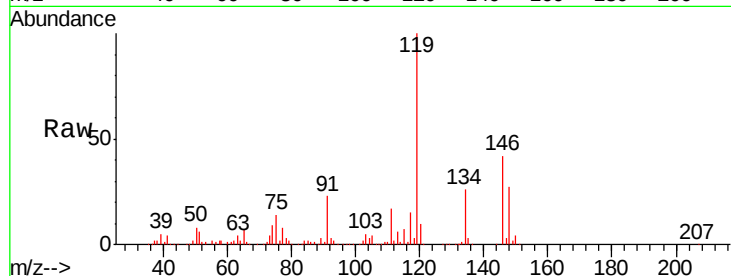




#87
 1,3-Dichlorobenzene
 Concen: 21.60 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

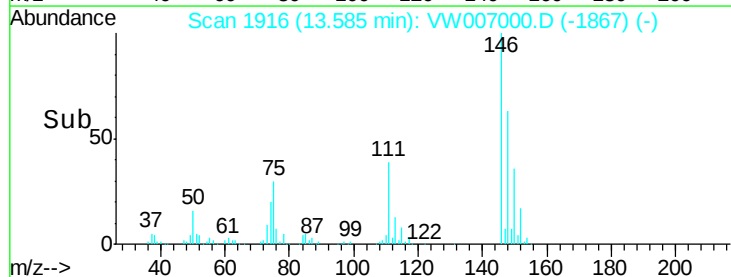
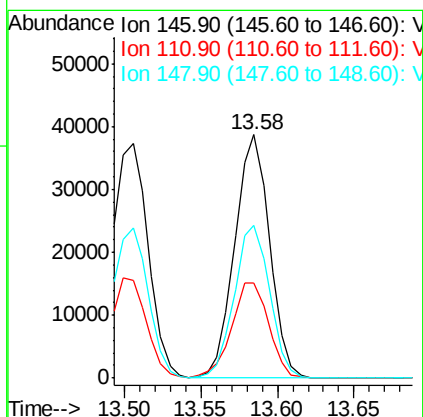
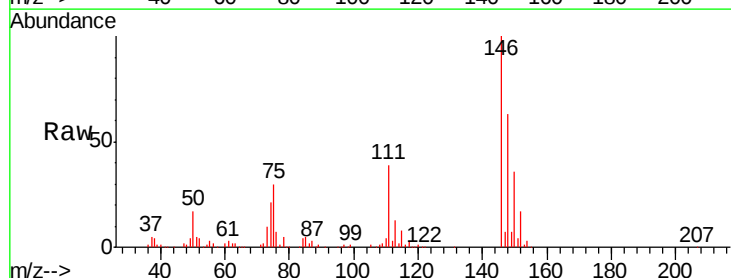
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

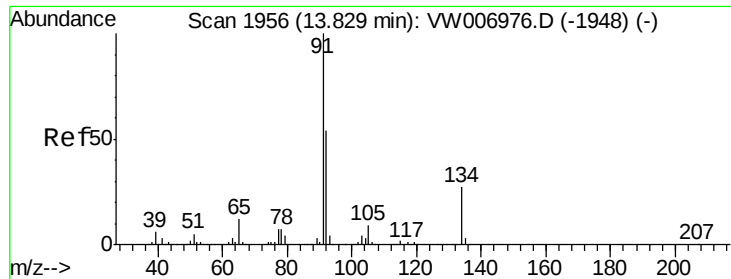
Tgt Ion:146 Resp: 62070
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 63.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.32 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion:146 Resp: 61081
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 64.0 32.3 96.8

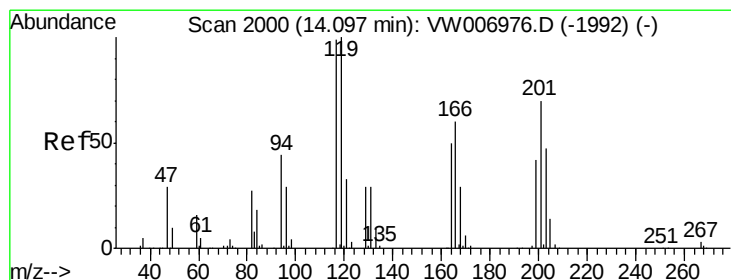
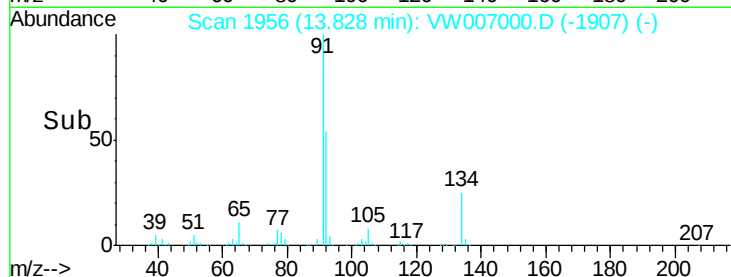
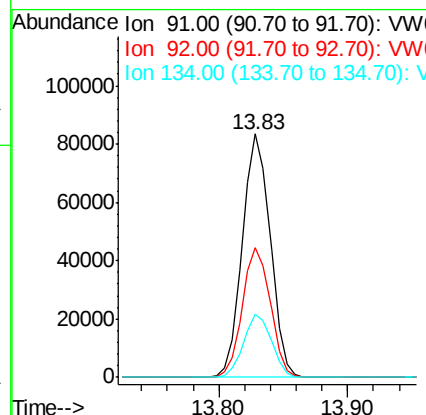
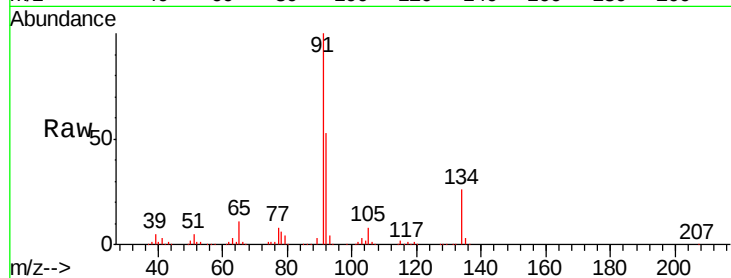




#89
n-Butylbenzene
Concen: 21.74 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

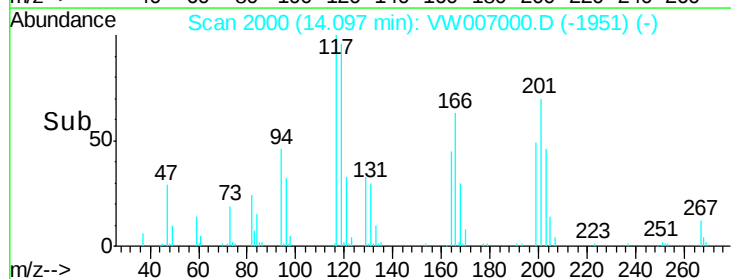
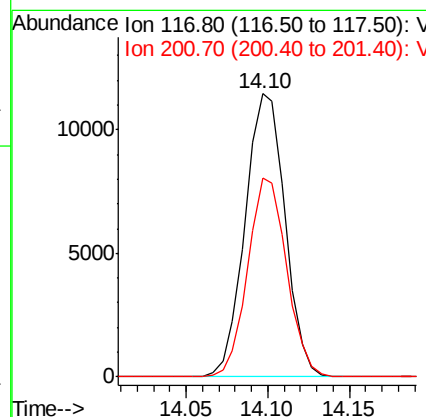
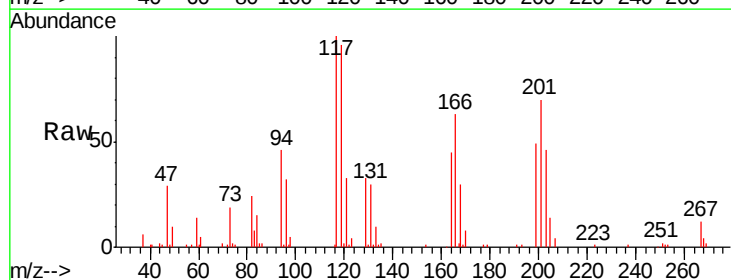
Instrument :
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ClientSampleId :
VW1122SBS01

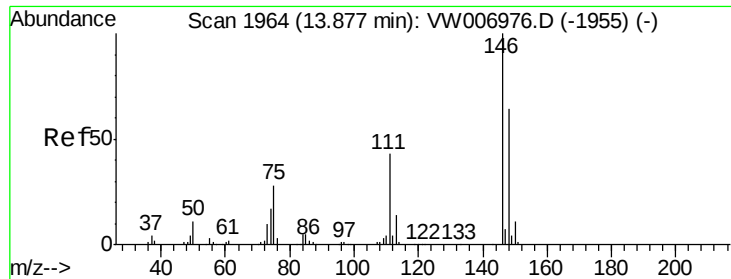
Tgt Ion: 91 Resp: 125111
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 26.1 13.3 39.8



#90
Hexachloroethane
Concen: 21.82 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion: 117 Resp: 19487
Ion Ratio Lower Upper
117 100
201 68.6 35.9 107.5

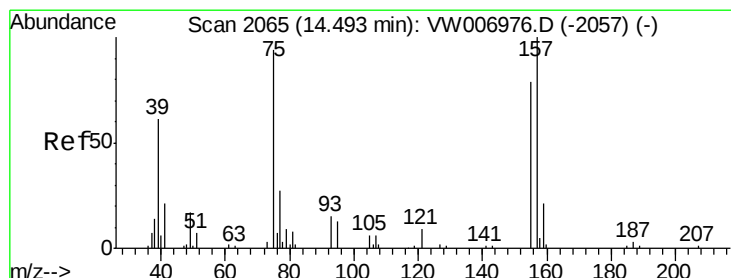
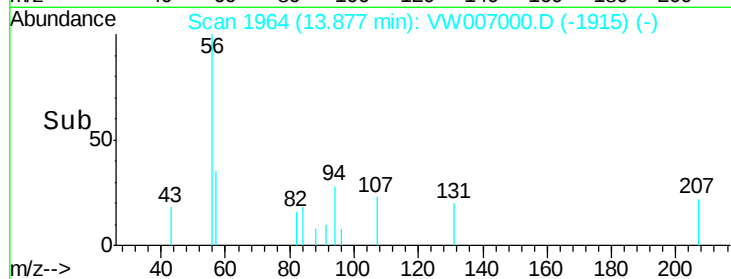
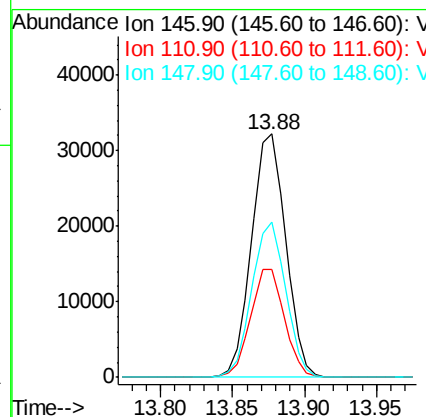
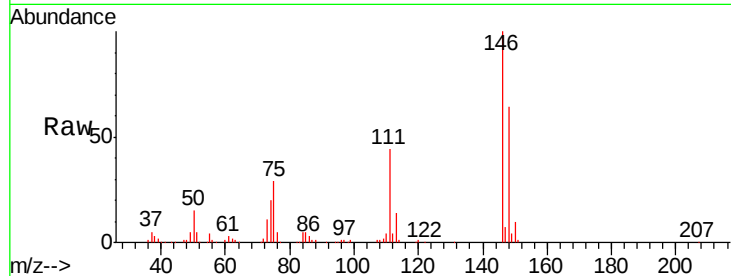




#91
 1,2-Dichlorobenzene
 Concen: 21.01 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

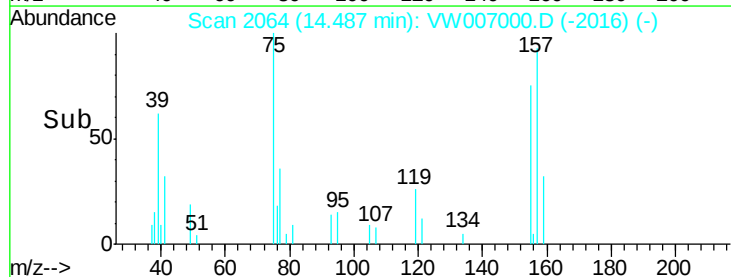
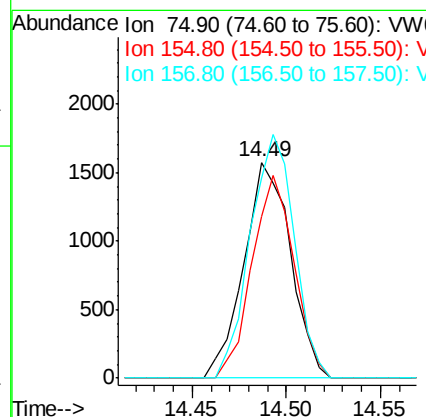
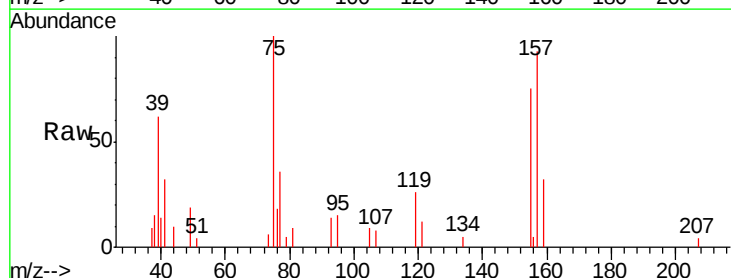
Instrument :
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 ClientSampleId :
 VW1122SBS01

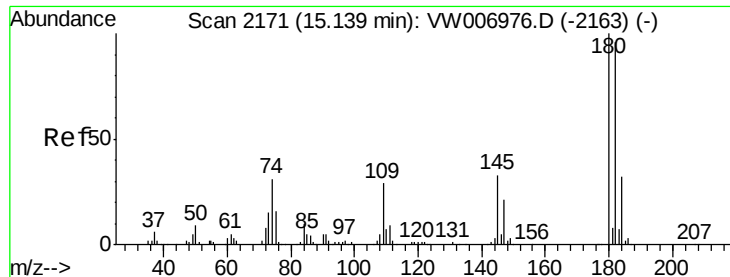
Tgt Ion:146 Resp: 52903
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.7
 148 63.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.39 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion: 75 Resp: 2710
 Ion Ratio Lower Upper
 75 100
 155 84.4 42.6 127.8
 157 106.5 55.0 165.0

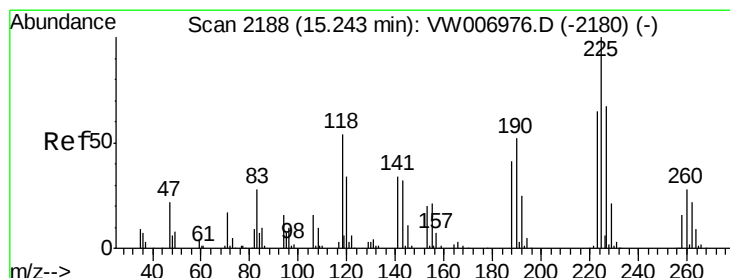
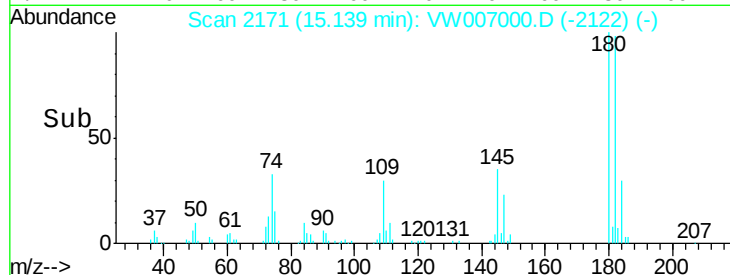
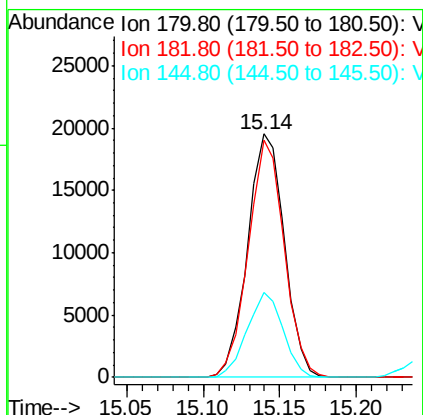
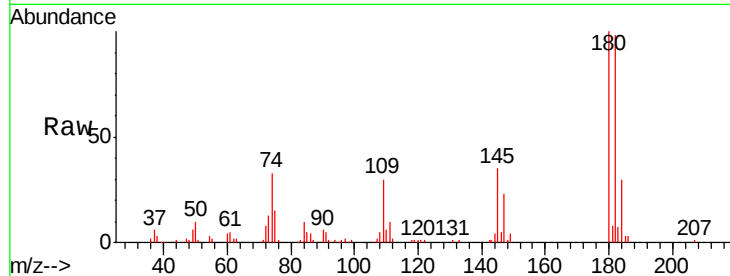




#93
 1,2,4-Trichlorobenzene
 Concen: 19.64 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

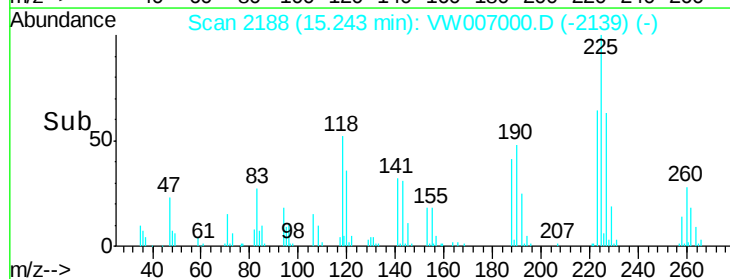
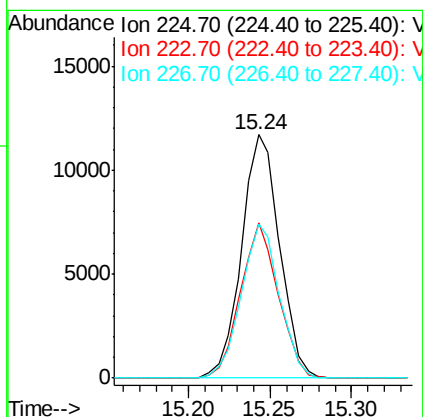
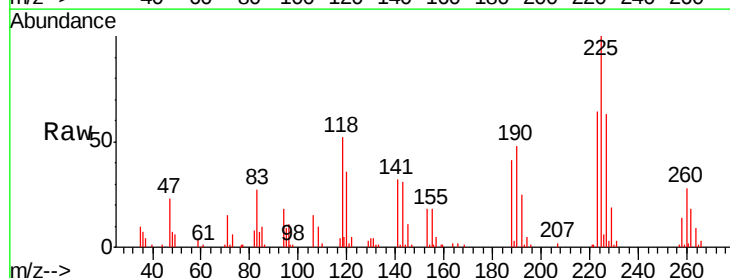
Instrument :
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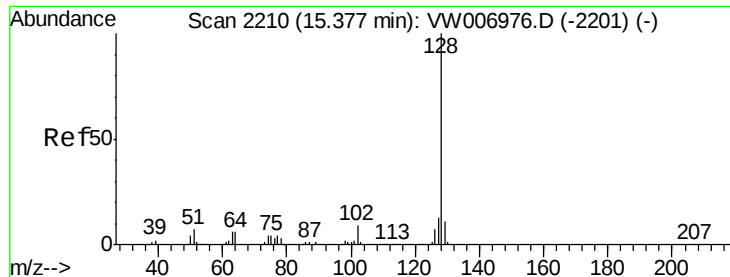
Tgt Ion:180 Resp: 32615
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.1 141.3
 145 34.3 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 20.99 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007000.D
 Acq: 21 Nov 2018 15:15

Tgt Ion:225 Resp: 18950
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 63.7 31.9 95.5

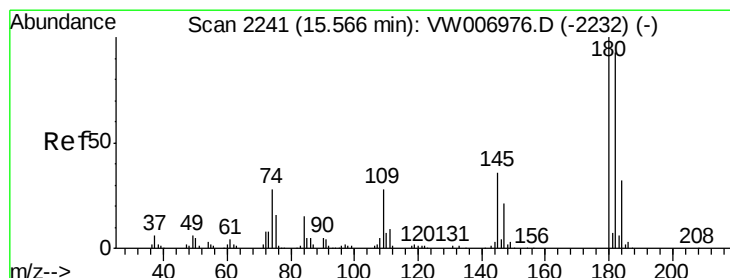
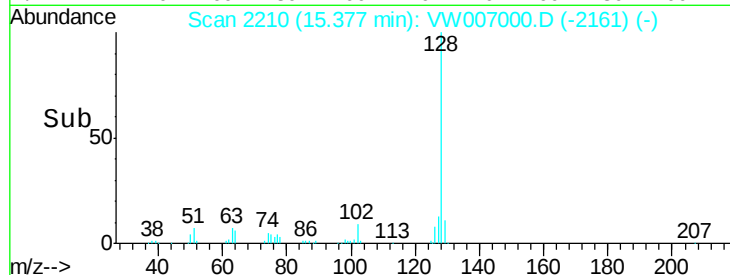
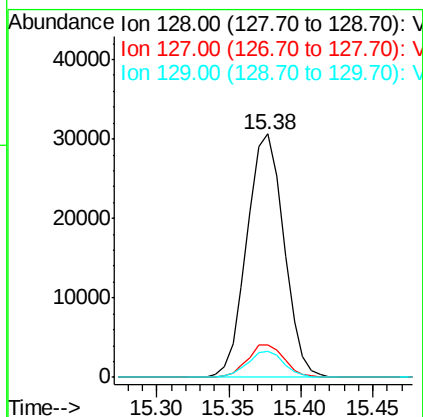
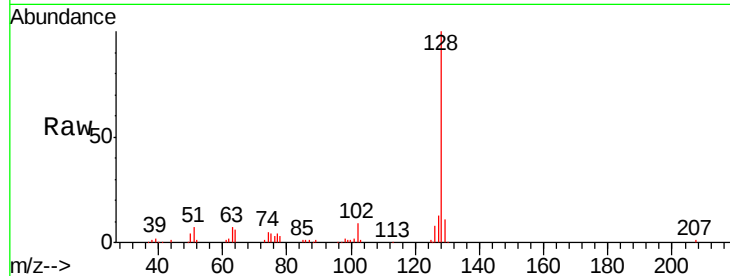




#95
Naphthalene
Concen: 18.10 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion:128 Resp: 54558
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.73 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007000.D
Acq: 21 Nov 2018 15:15

Tgt Ion:180 Resp: 27179
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 35.8 18.0 54.0

