

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW007001.D
 Acq On : 21 Nov 2018 15:52
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Quant Time: Nov 21 16:27:10 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	117052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56765	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.88	113	52488	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	232880	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	87951	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	28503	24.66	ug/l	97
3) Chloromethane	2.21	50	21826	22.66	ug/l	97
4) Vinyl Chloride	2.36	62	21283	22.46	ug/l	95
5) Bromomethane	2.78	94	11538	22.81	ug/l	93
6) Chloroethane	2.92	64	10952	20.97	ug/l	100
7) Trichlorofluoromethane	3.26	101	43106	23.13	ug/l	94
8) Diethyl Ether	3.68	74	12273	20.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	28154	23.31	ug/l	98
10) Methyl Iodide	4.28	142	26389	19.08	ug/l	99
11) Tert butyl alcohol	5.22	59	6653	89.18	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	23374	22.06	ug/l	97
13) Acrolein	3.90	56	7435	97.05	ug/l	96
14) Allyl chloride	4.67	41	37169	21.15	ug/l	99
15) Acrylonitrile	5.38	53	21177	93.84	ug/l	99
16) Acetone	4.14	43	16783	100.87	ug/l	98
17) Carbon Disulfide	4.38	76	74246	21.68	ug/l	98
18) Methyl Acetate	4.68	43	10226	17.26	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	54588	19.73	ug/l	100
20) Methylene Chloride	4.92	84	27961	17.59	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26482	21.46	ug/l	96
22) Diisopropyl ether	6.32	45	70062	20.48	ug/l	98
23) Vinyl Acetate	6.26	43	186827	102.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	42929	20.63	ug/l	98
25) 2-Butanone	7.18	43	26675	93.61	ug/l	96
26) 2,2-Dichloropropane	7.17	77	42868	22.91	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27716	21.09	ug/l	98
28) Bromochloromethane	7.52	49	13803	17.75	ug/l #	97
29) Tetrahydrofuran	7.54	42	16779	90.91	ug/l	98
30) Chloroform	7.68	83	45798	20.72	ug/l	99
31) Cyclohexane	7.96	56	50909	23.07	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	45564	22.88	ug/l	98
36) 1,1-Dichloropropene	8.09	75	40779	23.15	ug/l	100
37) Ethyl Acetate	7.26	43	13368	20.94	ug/l	97
38) Carbon Tetrachloride	8.07	117	39036	23.14	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48950	22.20	ug/l	98
40) Benzene	8.32	78	102740	21.60	ug/l	99
41) Methacrylonitrile	7.49	41	7368	18.58	ug/l	95
42) 1,2-Dichloroethane	8.40	62	27760	20.11	ug/l	99
43) Isopropyl Acetate	8.43	43	23902	19.65	ug/l	99
44) Trichloroethene	9.09	130	29556	22.17	ug/l	93
45) 1,2-Dichloropropane	9.37	63	25702	21.92	ug/l	100
46) Dibromomethane	9.46	93	11749	20.01	ug/l	99
47) Bromodichloromethane	9.65	83	33511	21.66	ug/l	97
48) Methyl methacrylate	9.44	41	11168	19.04	ug/l	99
49) 1,4-Dioxane	9.48	88	3371	386.32	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	58180	94.63	ug/l	99
52) Toluene	10.39	92	68680	21.22	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30356	20.26	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37811	20.89	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17494	20.25	ug/l	96
56) Ethyl methacrylate	10.65	69	19585	19.53	ug/l	99
57) 1,3-Dichloropropane	10.93	76	30087	20.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	50958	97.26	ug/l	100
59) 2-Hexanone	10.97	43	40423	96.01	ug/l	98
60) Dibromochloromethane	11.13	129	20108	20.43	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15496	19.61	ug/l	97
64) Tetrachloroethene	10.86	164	23872	22.14	ug/l	96
65) Chlorobenzene	11.66	112	75212	21.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22842	21.58	ug/l	99
67) Ethyl Benzene	11.73	91	140332	21.84	ug/l	97
68) m/p-Xylenes	11.84	106	110070	43.66	ug/l	100
69) o-Xylene	12.17	106	50966	21.44	ug/l	100
70) Styrene	12.18	104	80469	21.27	ug/l	100
71) Bromoform	12.35	173	9458	18.97	ug/l #	95
73) Isopropylbenzene	12.47	105	141207	22.06	ug/l	100
74) N-amyl acetate	12.27	43	21447	19.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17312	20.32	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	23682	36.59	ug/l #	100
77) Bromobenzene	12.75	156	29165	21.21	ug/l	99
78) n-propylbenzene	12.81	91	171247	22.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	96373	21.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	119141	21.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4841	18.78	ug/l	90
82) 4-Chlorotoluene	12.99	91	102209	21.78	ug/l	100
83) tert-Butylbenzene	13.21	119	105653	22.04	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	119545	21.67	ug/l	99
85) sec-Butylbenzene	13.39	105	148982	22.00	ug/l	99
86) p-Isopropyltoluene	13.51	119	132301	22.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60824	21.67	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60375	21.57	ug/l	98
89) n-Butylbenzene	13.83	91	124469	22.14	ug/l	98
90) Hexachloroethane	14.10	117	18985	21.77	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	53034	21.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2786	19.36	ug/l	94

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ClientSampleId :
VW1122SBSD01

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

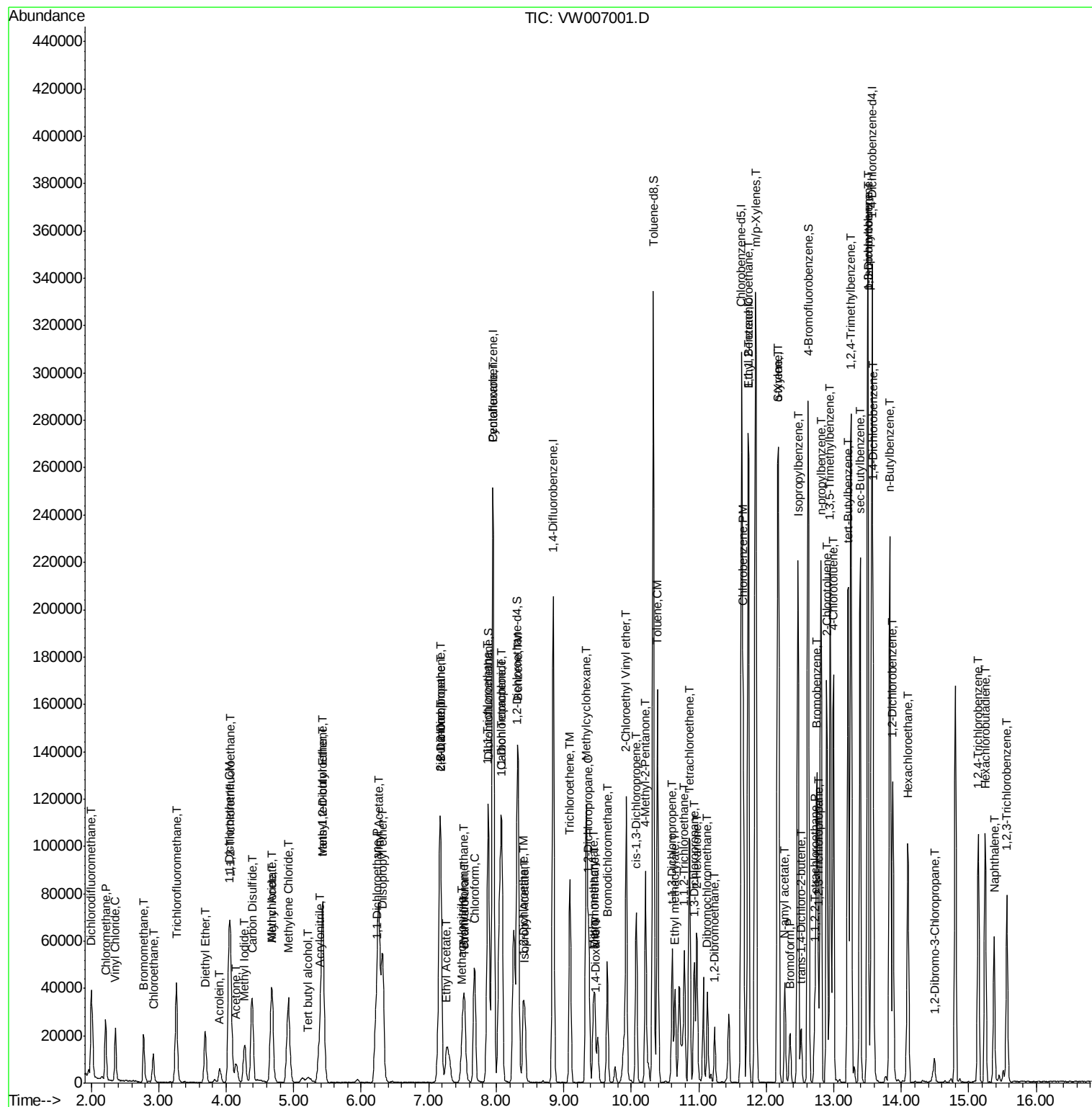
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32235	19.88	ug/l	98
94) Hexachlorobutadiene	15.24	225	18605	21.10	ug/l	98
95) Naphthalene	15.38	128	54473	18.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26783	19.90	ug/l	98

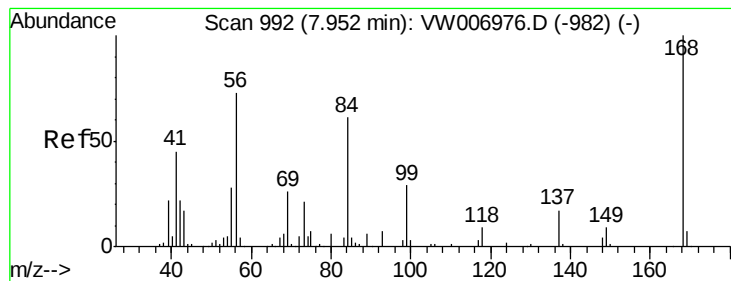
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW007001.D
 Acq On : 21 Nov 2018 15:52
 Operator : VAY/AP
 Sample : VW1122SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

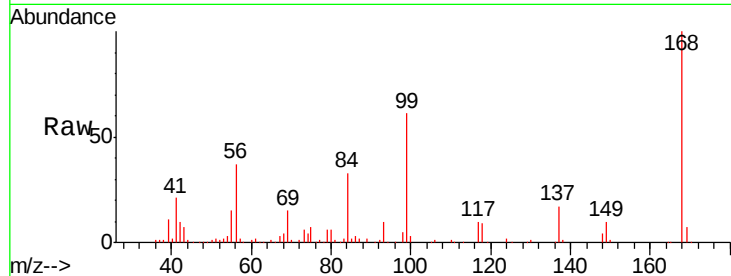
VW1122SBSD01

Tgt Ion:168 Resp: 117052

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

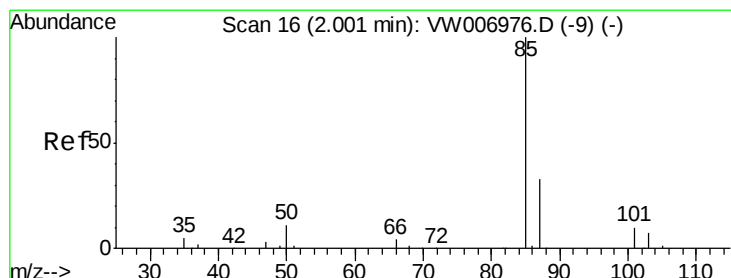
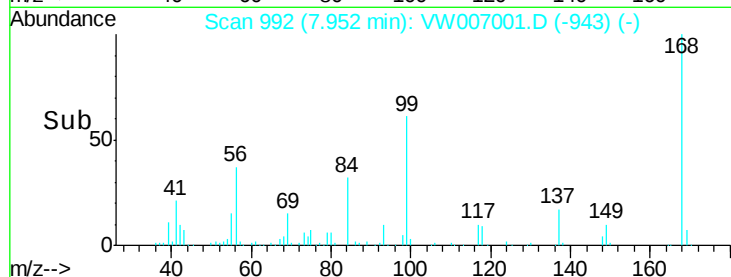
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.66 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007001.D

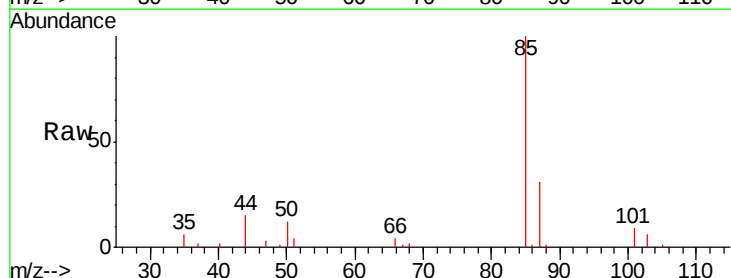
Acq: 21 Nov 2018 15:52

Tgt Ion: 85 Resp: 28503

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

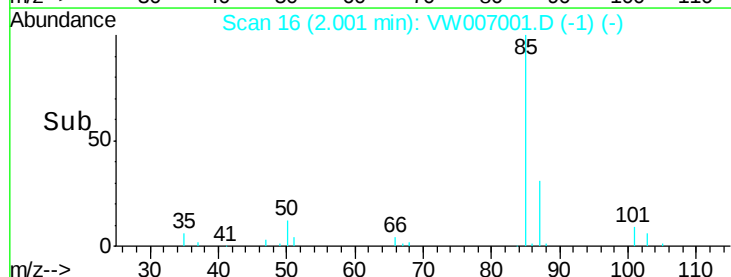
15000

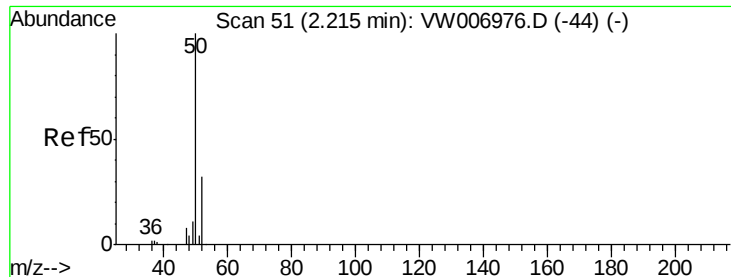
10000

5000

0

Time-->





#3

Chloromethane

Concen: 22.66 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

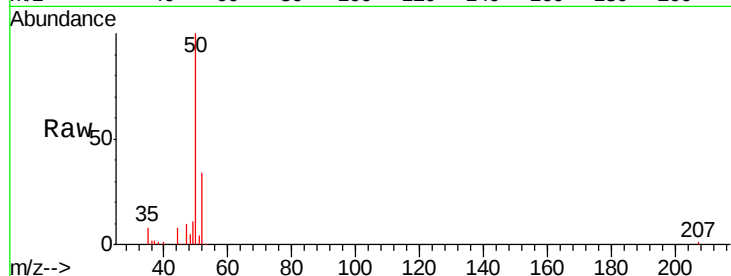
VW1122SBSD01

Tgt Ion: 50 Resp: 21826

Ion Ratio Lower Upper

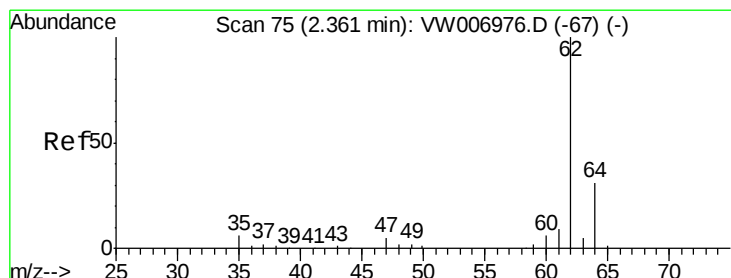
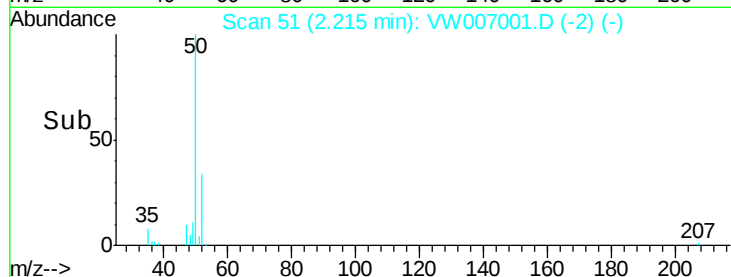
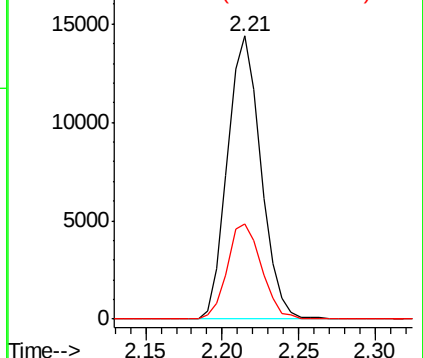
50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 22.46 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007001.D

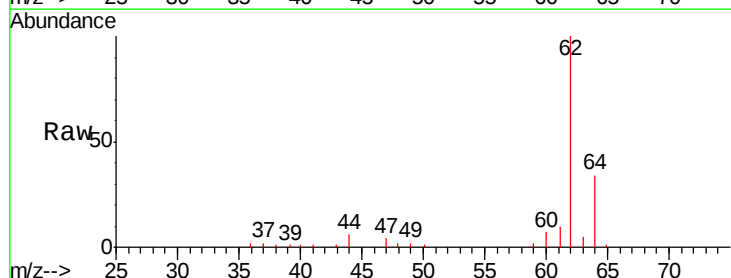
Acq: 21 Nov 2018 15:52

Tgt Ion: 62 Resp: 21283

Ion Ratio Lower Upper

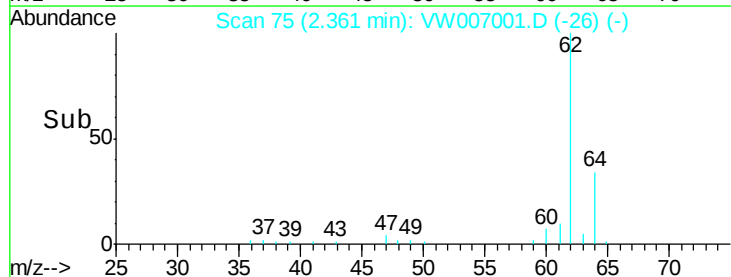
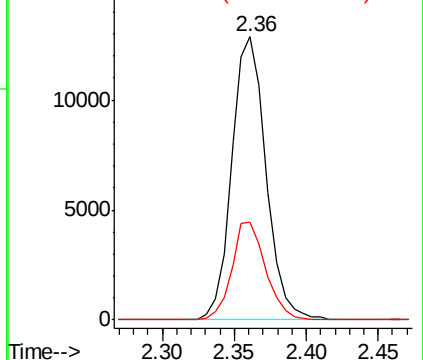
62 100

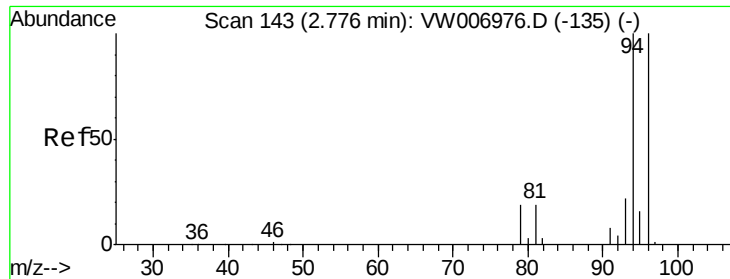
64 34.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.81 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

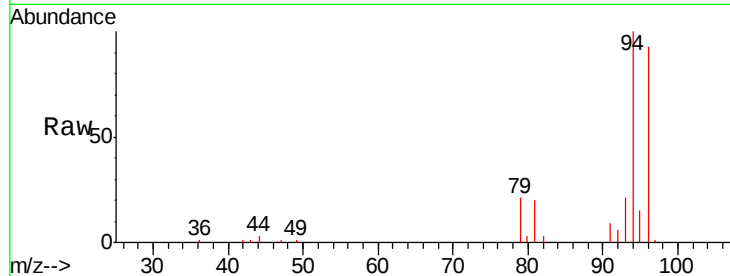
VW1122SBSD01

Tgt Ion: 94 Resp: 11538

Ion Ratio Lower Upper

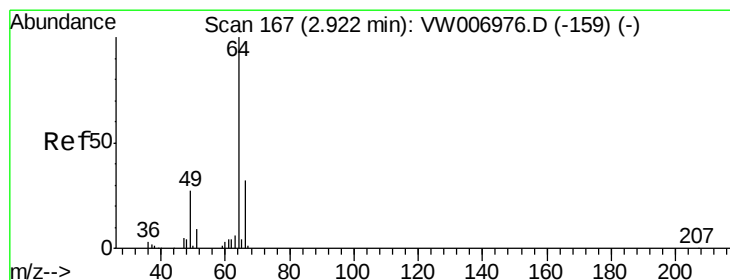
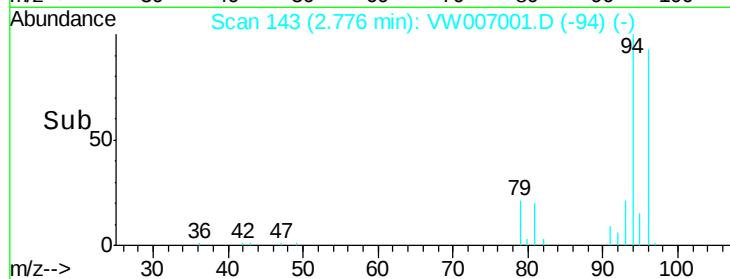
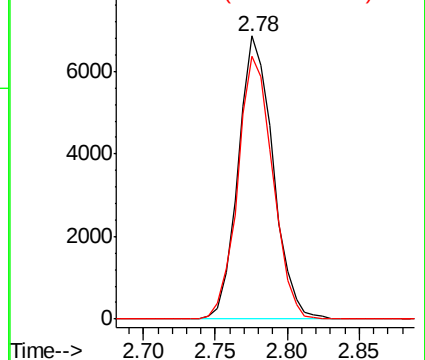
94 100

96 92.9 80.2 120.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.97 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007001.D

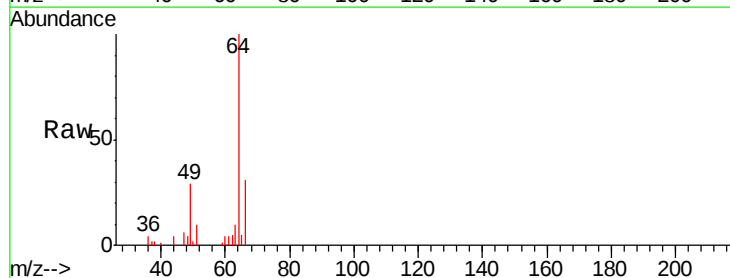
Acq: 21 Nov 2018 15:52

Tgt Ion: 64 Resp: 10952

Ion Ratio Lower Upper

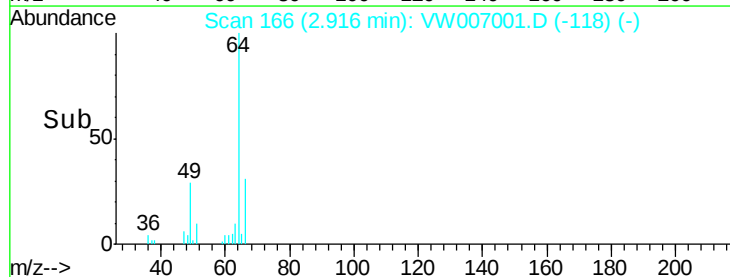
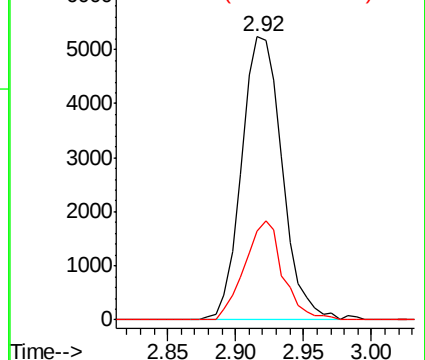
64 100

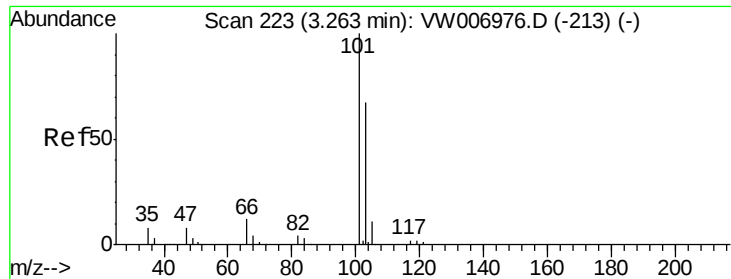
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



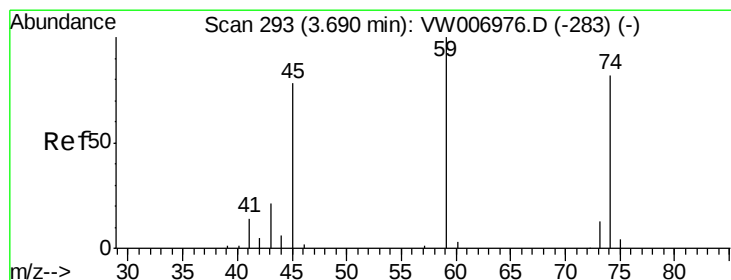
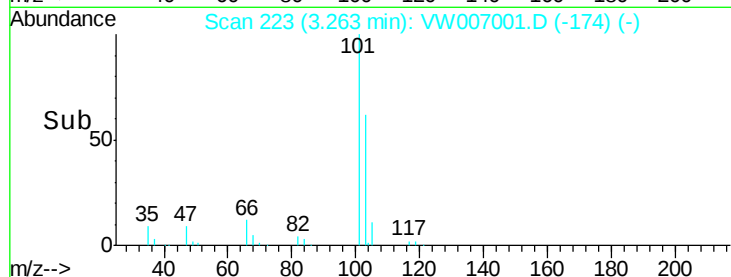
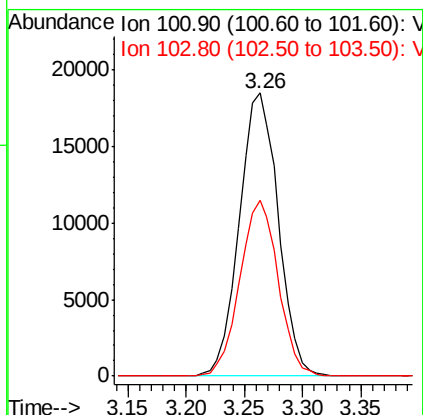
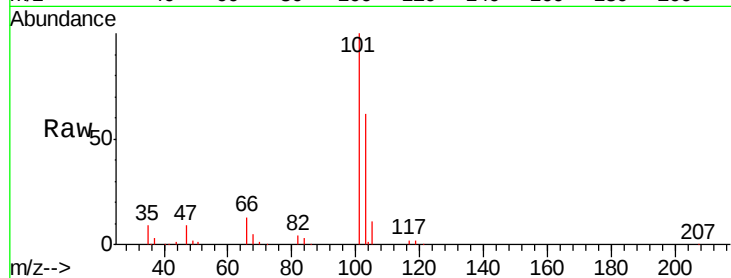


#7

Trichlorofluoromethane
 Concen: 23.13 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
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 VW1122SBSD01

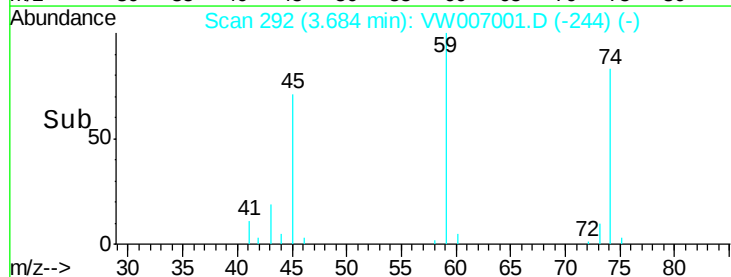
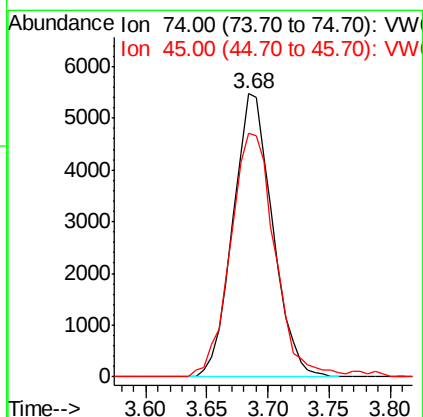
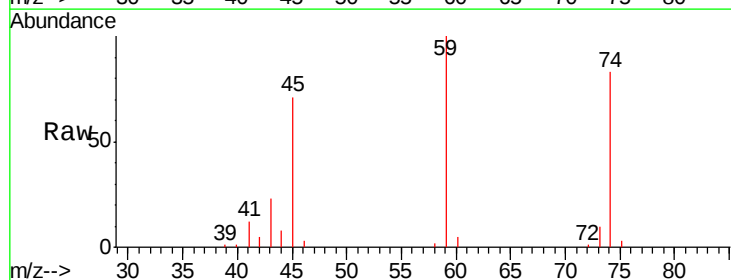
Tgt Ion: 101 Resp: 43106
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.4 80.2

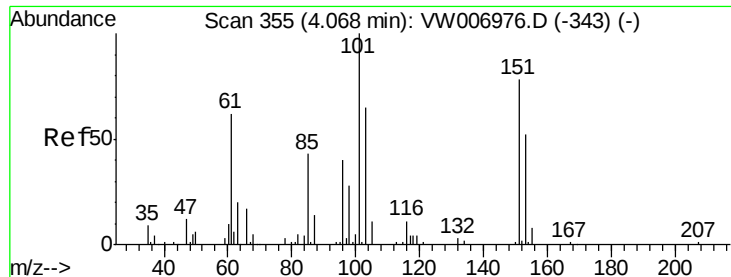


#8

Diethyl Ether
 Concen: 20.44 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion: 74 Resp: 12273
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.31 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

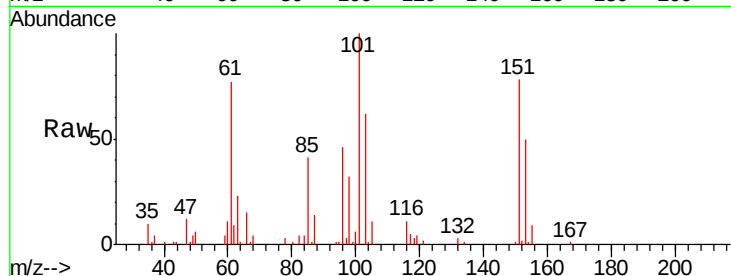
Tgt Ion:101 Resp: 28154

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

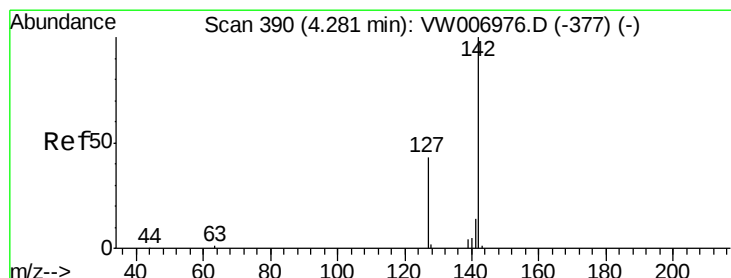
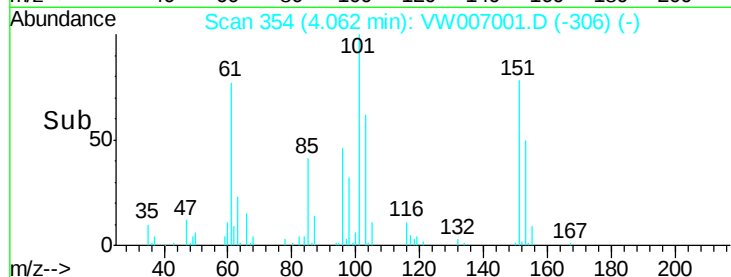
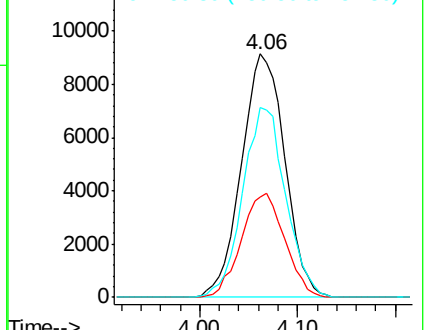
151 77.0 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.08 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

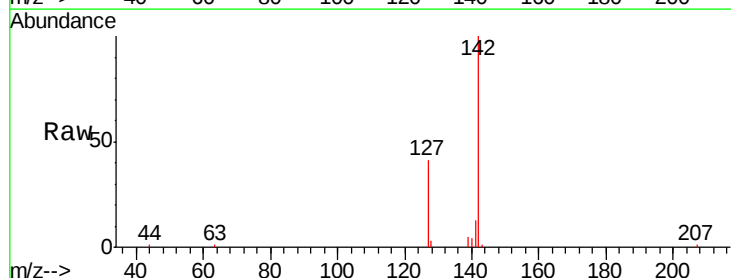
Tgt Ion:142 Resp: 26389

Ion Ratio Lower Upper

142 100

127 43.2 35.3 52.9

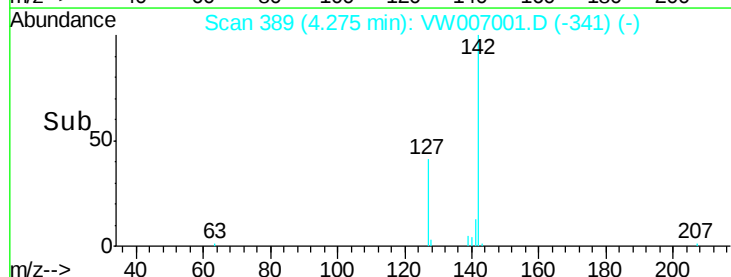
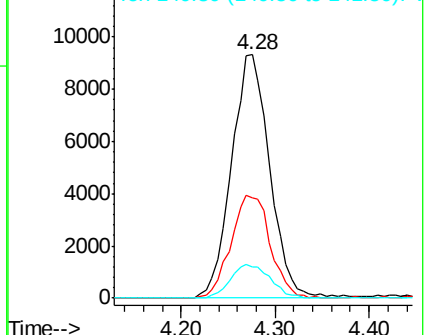
141 14.4 11.7 17.5

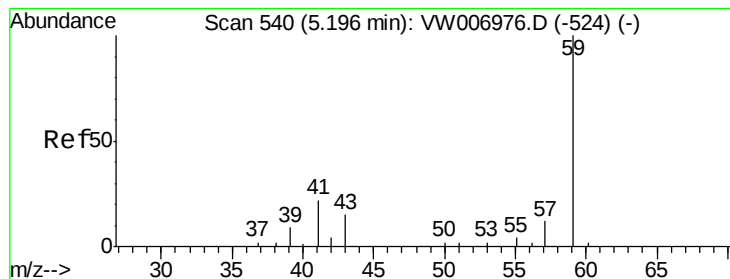


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.18 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.02 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

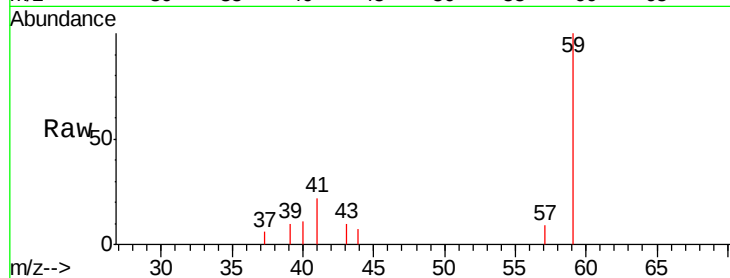
VW1122SBSD01

Tgt Ion: 59 Resp: 6653

Ion Ratio Lower Upper

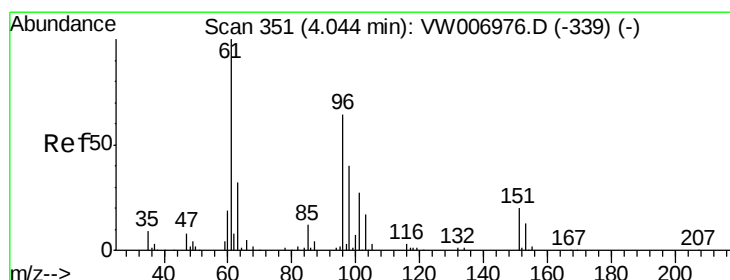
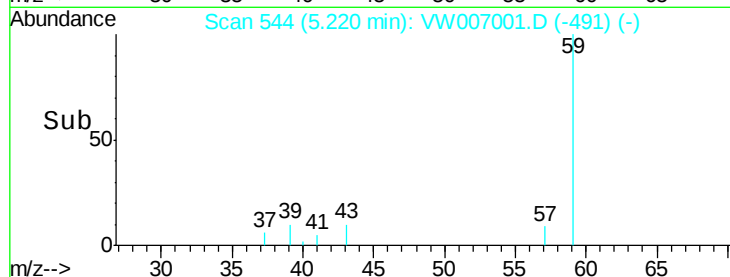
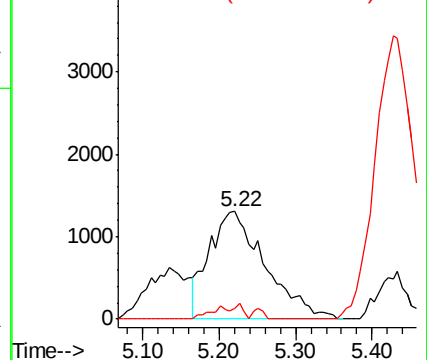
59 100

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: 22.06 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

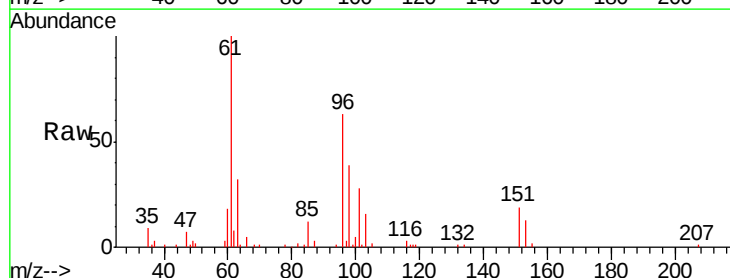
Tgt Ion: 96 Resp: 23374

Ion Ratio Lower Upper

96 100

61 159.8 124.3 186.5

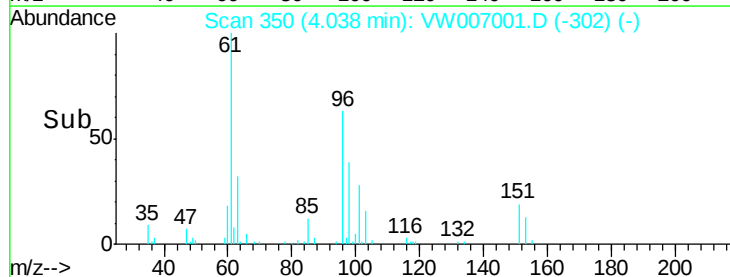
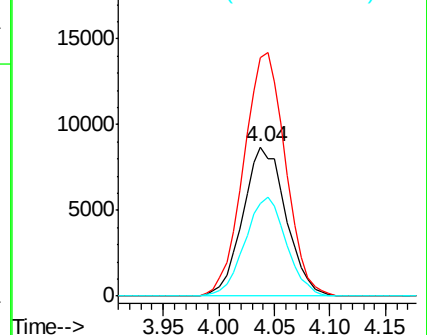
98 62.1 49.4 74.2

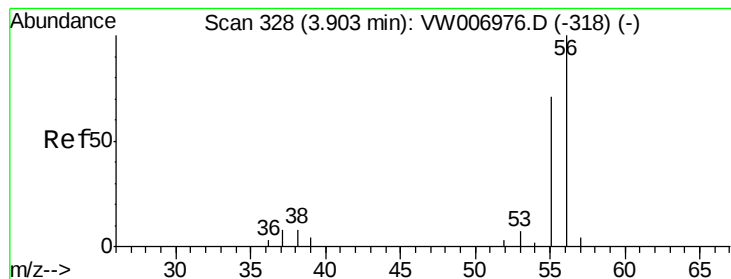


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 97.05 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

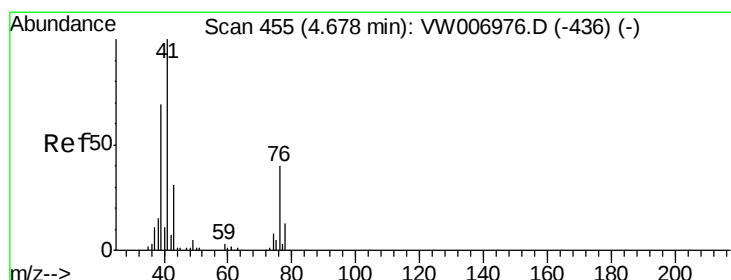
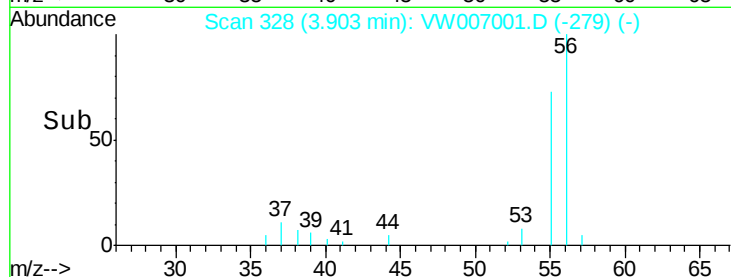
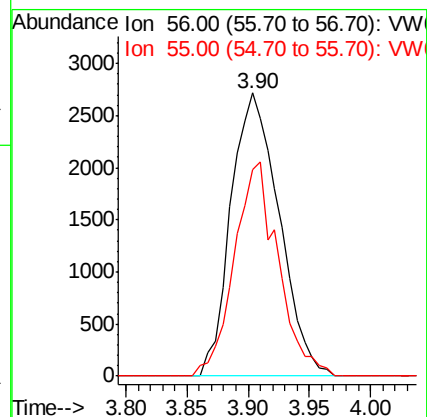
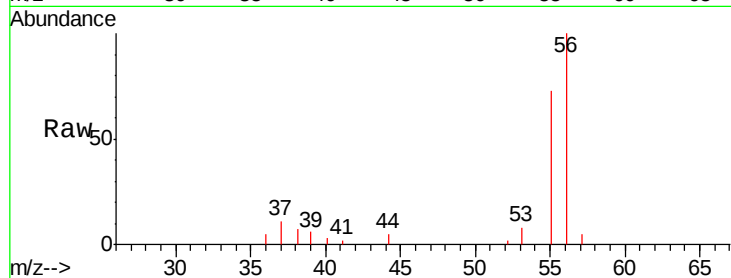
VW1122SBSD01

Tgt Ion: 56 Resp: 7435

Ion Ratio Lower Upper

56 100

55 68.7 57.5 86.3



#14

Allyl chloride

Concen: 21.15 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

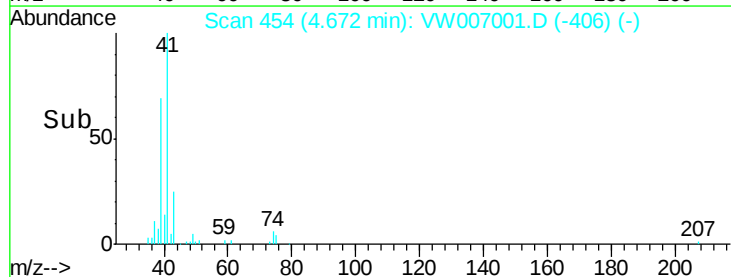
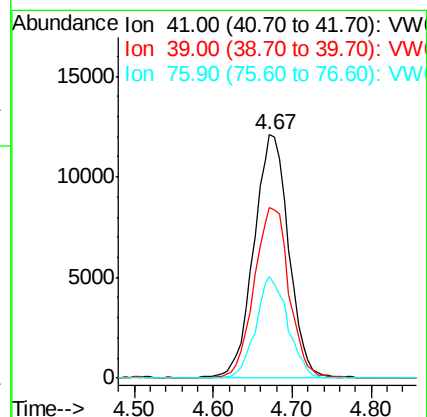
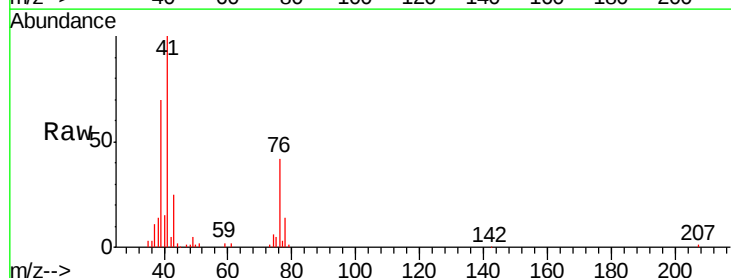
Tgt Ion: 41 Resp: 37169

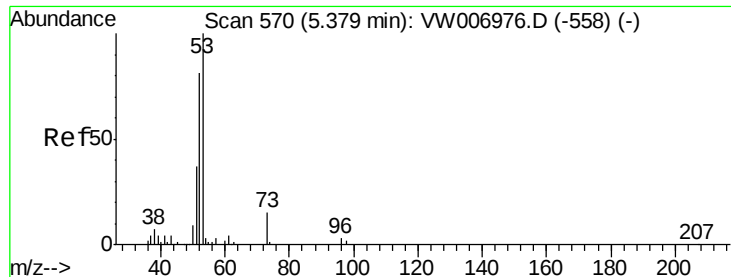
Ion Ratio Lower Upper

41 100

39 70.1 55.4 83.2

76 38.2 29.6 44.4





#15

Acrylonitrile

Concen: 93.84 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

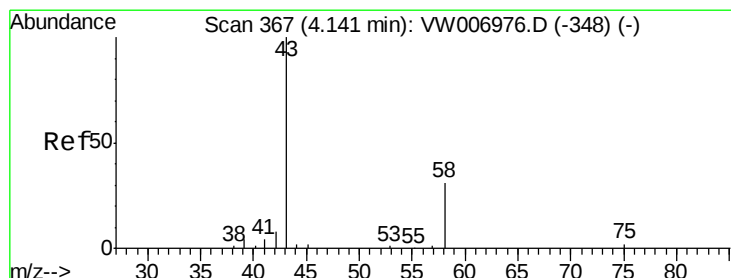
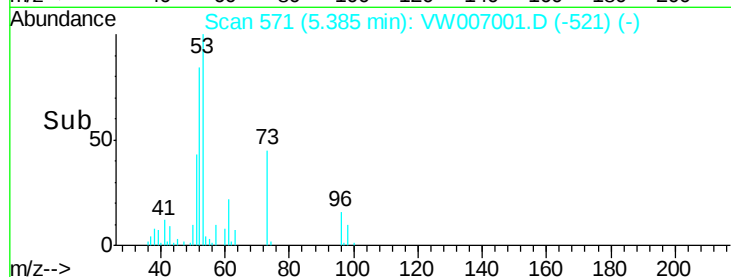
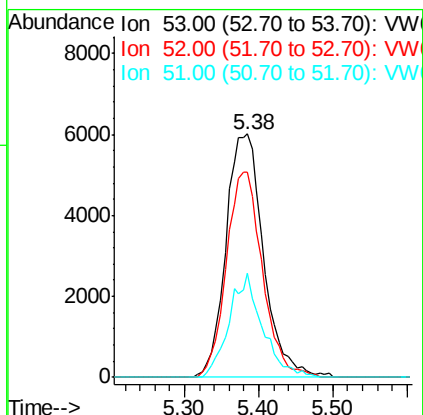
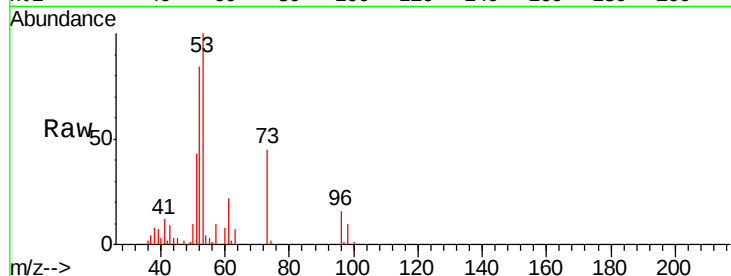
Tgt Ion: 53 Resp: 21177

Ion Ratio Lower Upper

53 100

52 81.1 65.7 98.5

51 37.9 29.9 44.9



#16

Acetone

Concen: 100.87 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007001.D

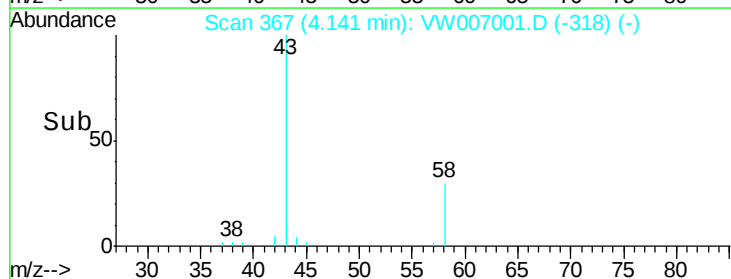
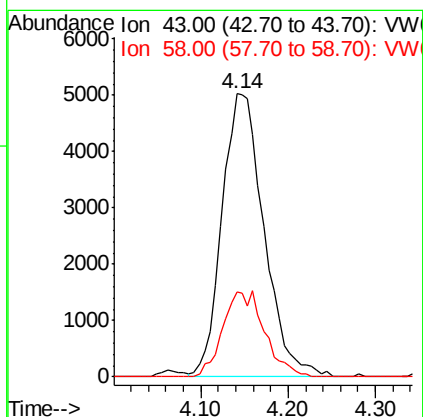
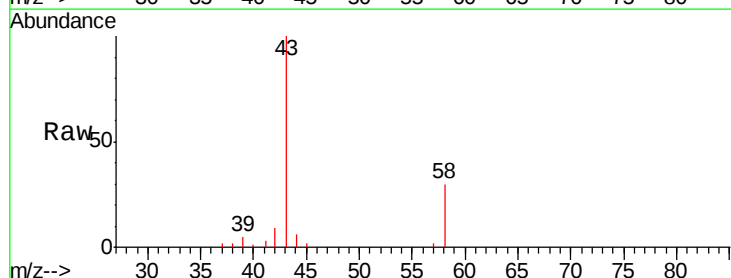
Acq: 21 Nov 2018 15:52

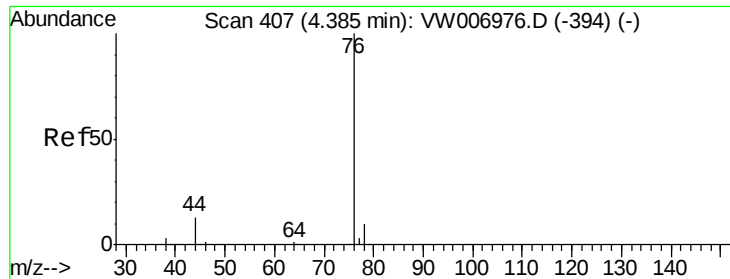
Tgt Ion: 43 Resp: 16783

Ion Ratio Lower Upper

43 100

58 30.1 24.8 37.2

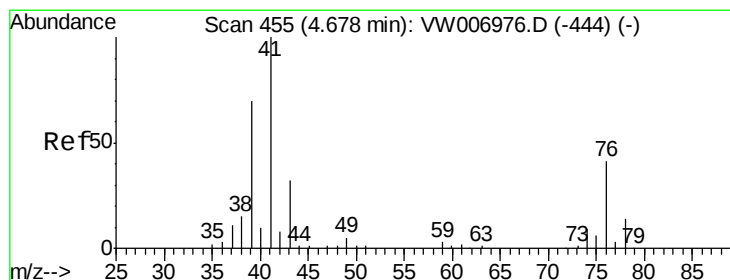
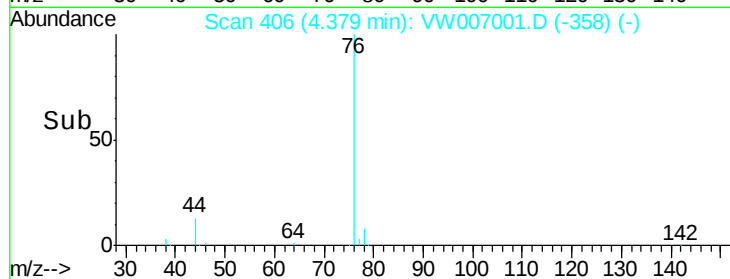
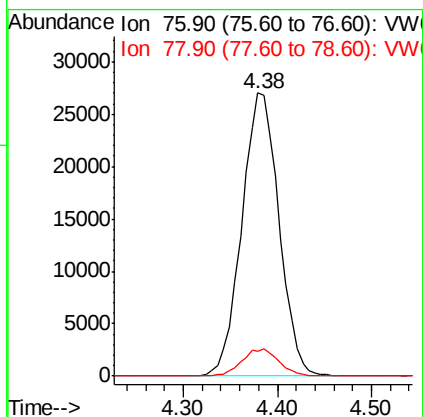
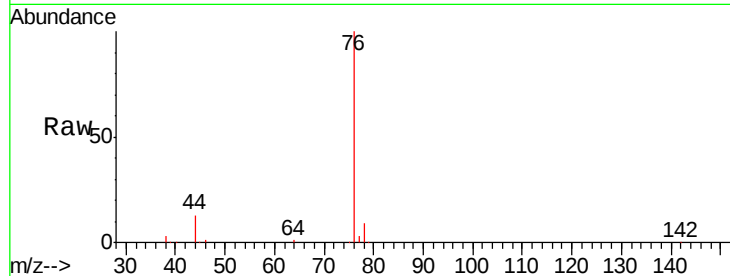




#17
Carbon Disulfide
Concen: 21.68 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

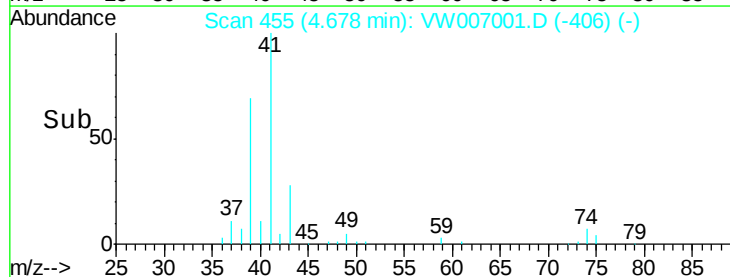
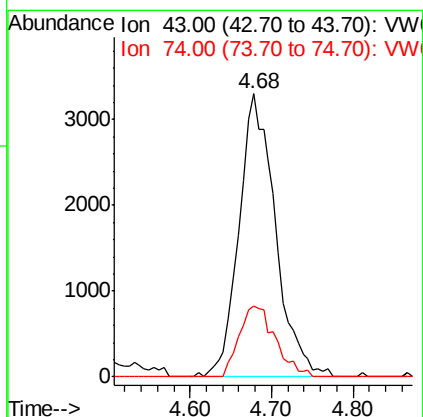
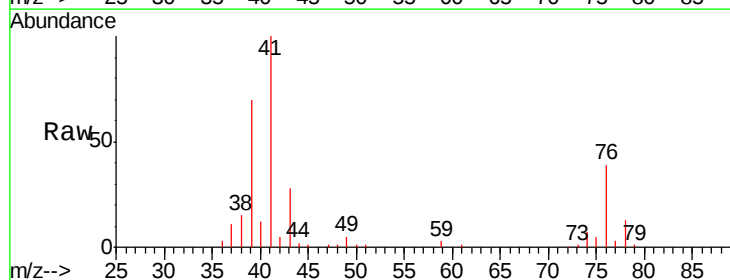
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

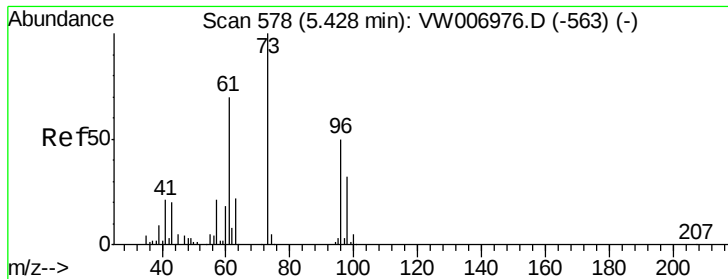
Tgt Ion: 76 Resp: 74246
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6



#18
Methyl Acetate
Concen: 17.26 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 43 Resp: 10226
Ion Ratio Lower Upper
43 100
74 24.9 20.1 30.1

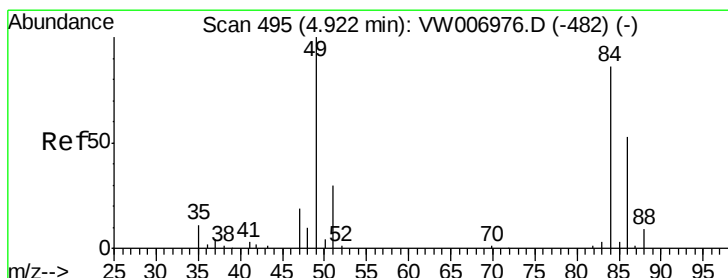
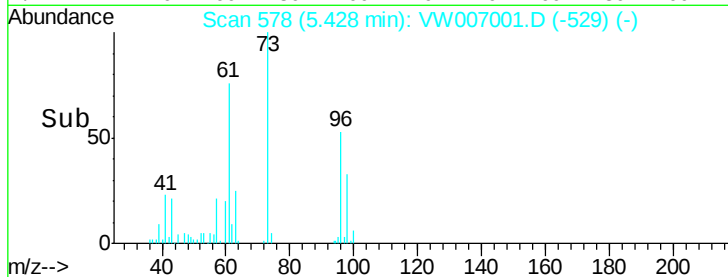
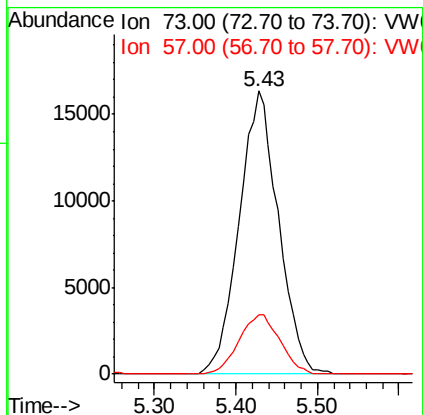
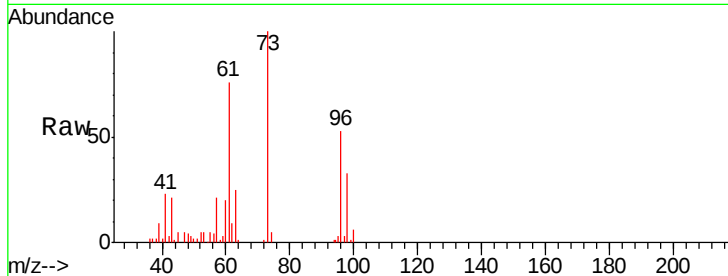




#19
Methyl tert-butyl Ether
Concen: 19.73 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

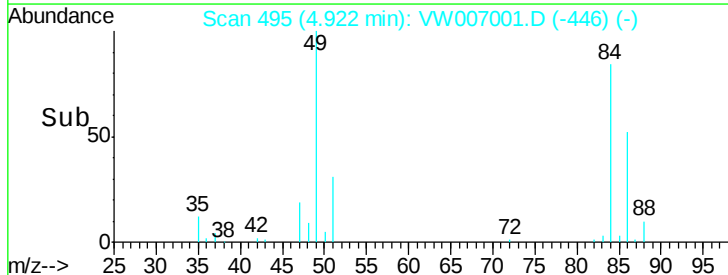
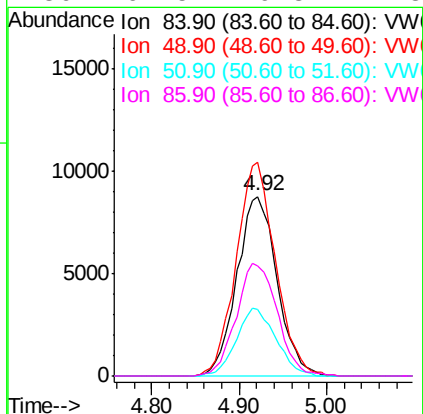
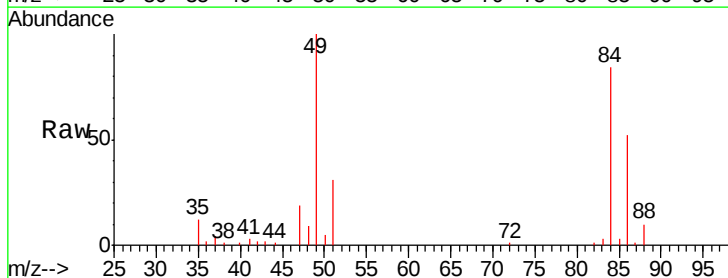
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

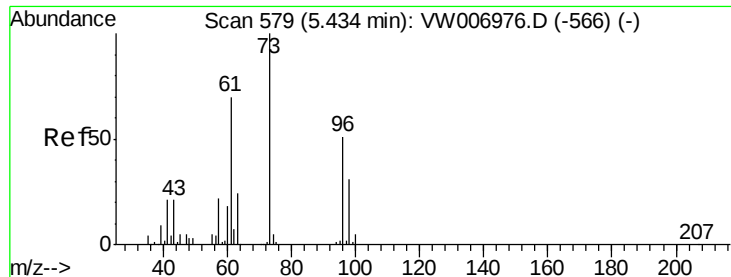
Tgt Ion: 73 Resp: 54588
Ion Ratio Lower Upper
73 100
57 21.0 16.7 25.1



#20
Methylene Chloride
Concen: 17.59 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 84 Resp: 27961
Ion Ratio Lower Upper
84 100
49 118.9 93.4 140.0
51 37.1 28.4 42.6
86 61.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.46 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

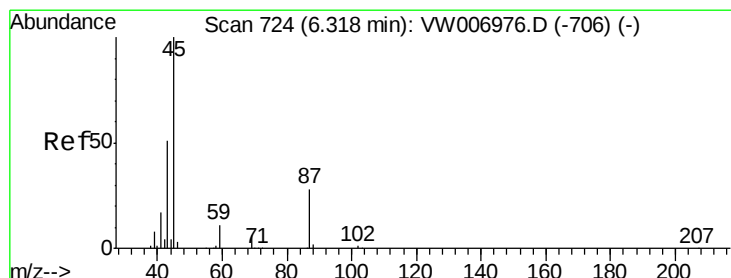
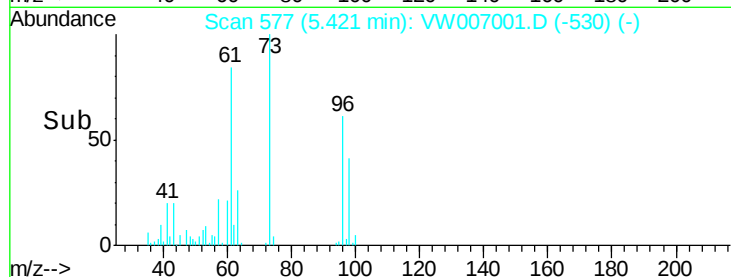
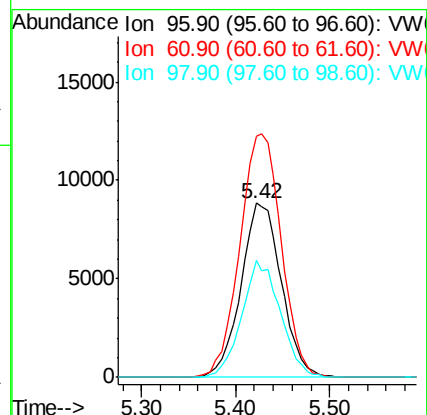
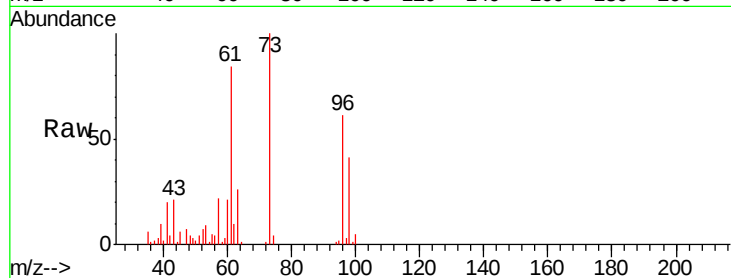
Tgt Ion: 96 Resp: 26482

Ion Ratio Lower Upper

96 100

61 138.2 109.4 164.0

98 67.2 48.3 72.5



#22

Diisopropyl ether

Concen: 20.48 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion: 45 Resp: 70062

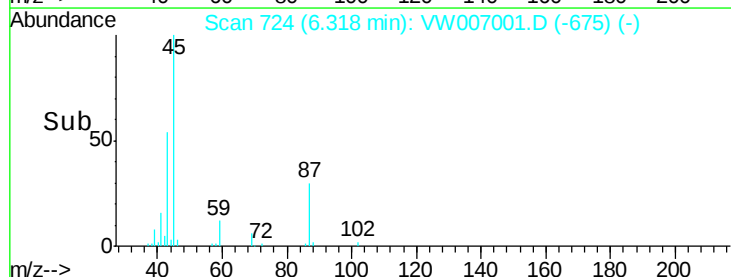
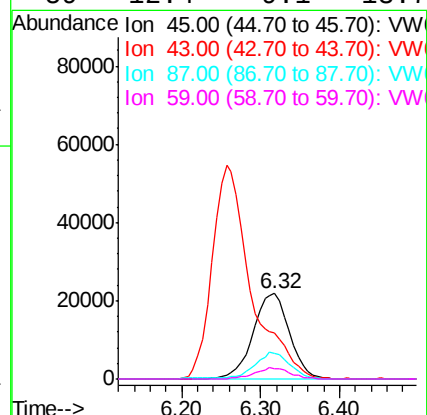
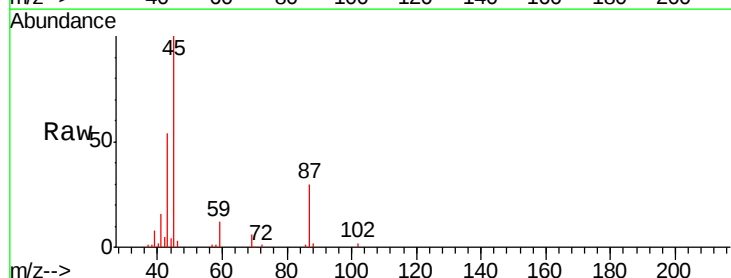
Ion Ratio Lower Upper

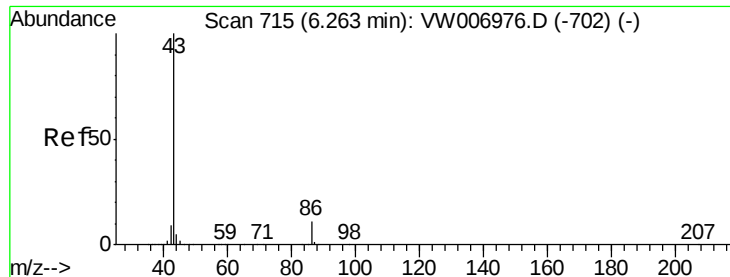
45 100

43 53.6 42.5 63.7

87 30.1 22.8 34.2

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 102.86 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

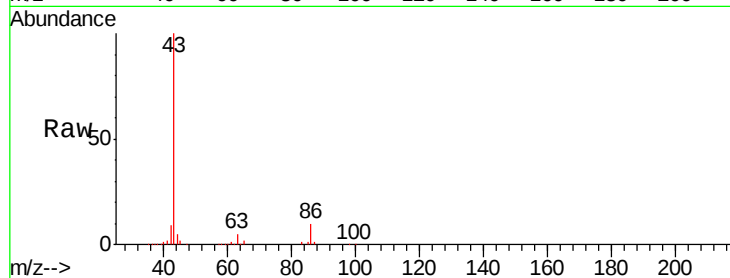
VW1122SBSD01

Tgt Ion: 43 Resp: 186827

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

60000

50000

40000

30000

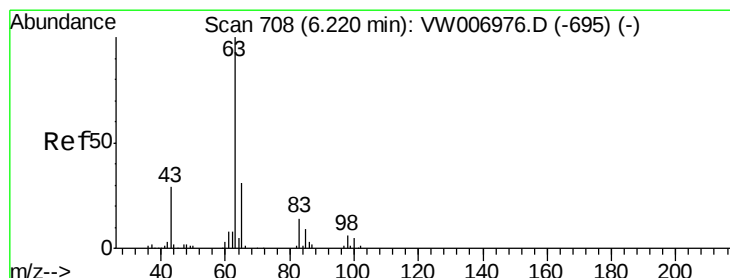
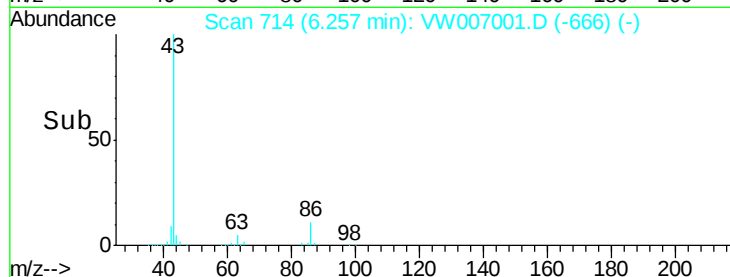
20000

10000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 20.63 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

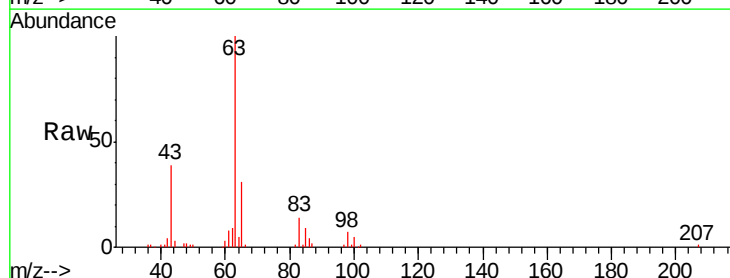
Tgt Ion: 63 Resp: 42929

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 5.3 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

20000

15000

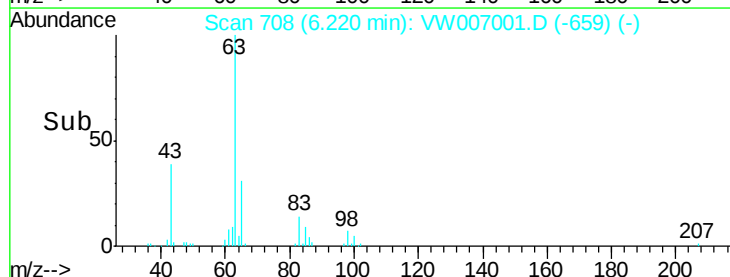
10000

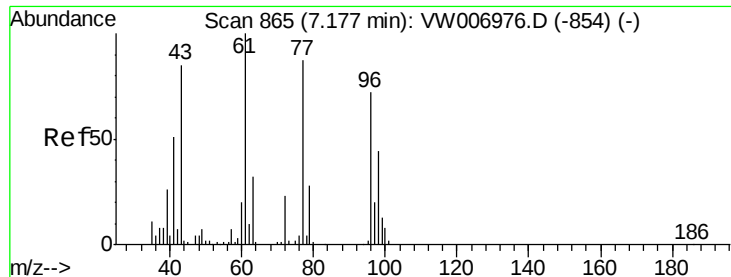
5000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 93.61 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleID :

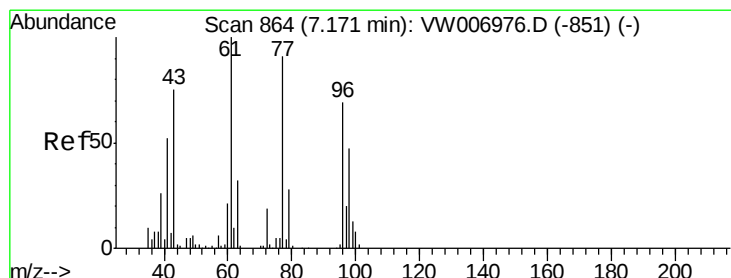
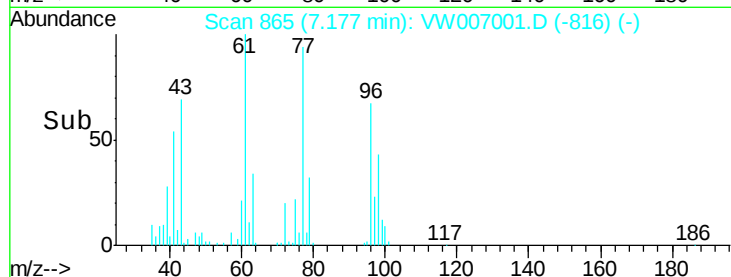
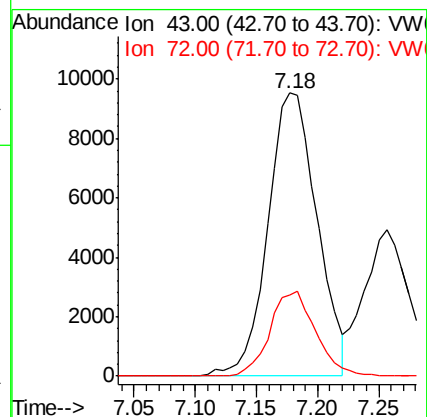
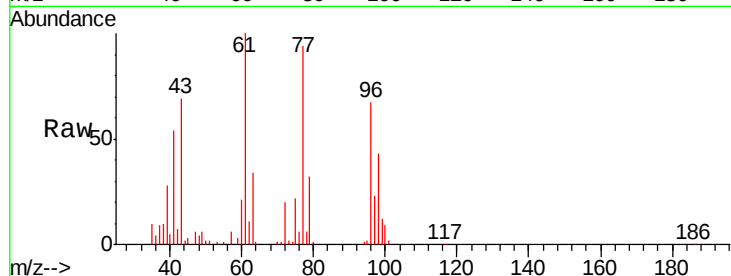
VW1122SBS01

Tgt Ion: 43 Resp: 26675

Ion Ratio Lower Upper

43 100

72 28.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 22.91 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007001.D

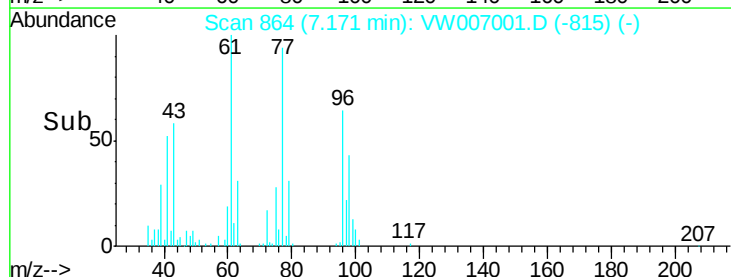
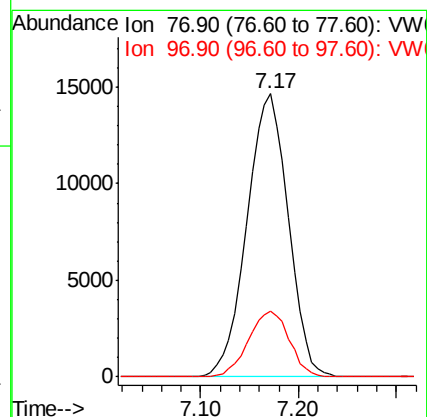
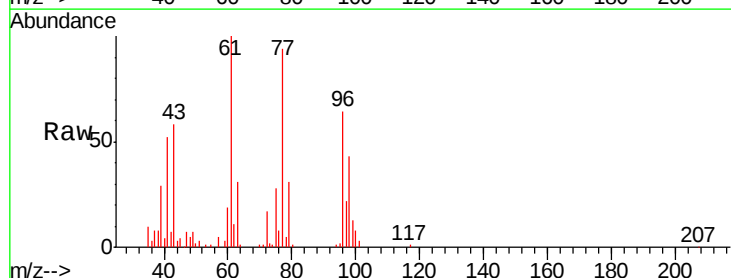
Acq: 21 Nov 2018 15:52

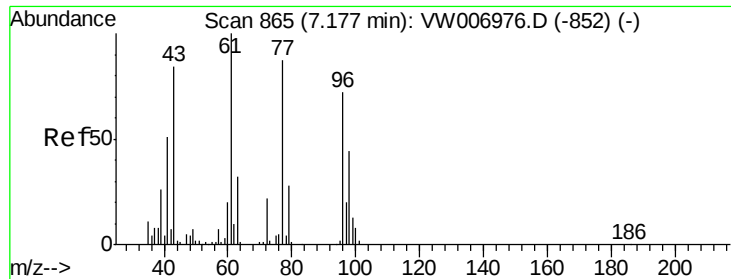
Tgt Ion: 77 Resp: 42868

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

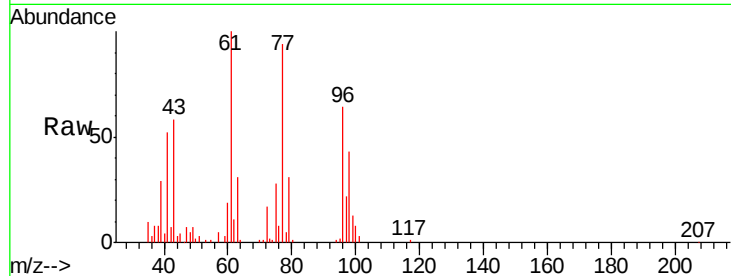
Tgt Ion: 96 Resp: 27716

Ion Ratio Lower Upper

96 100

61 148.8 0.0 292.6

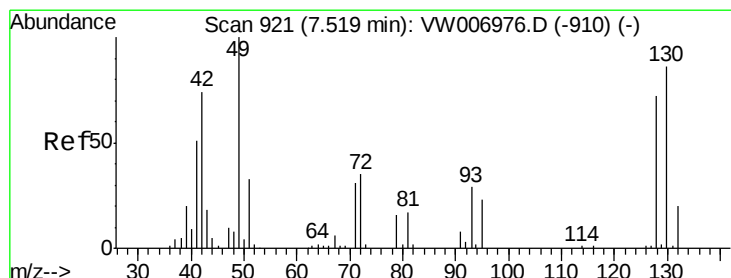
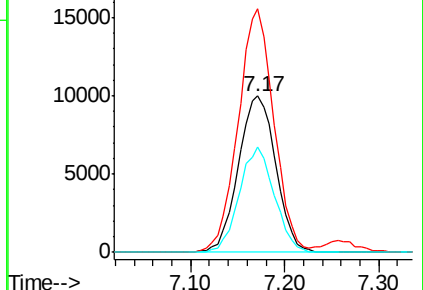
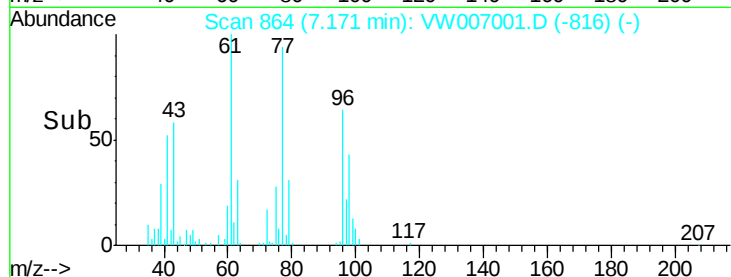
98 63.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 17.75 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

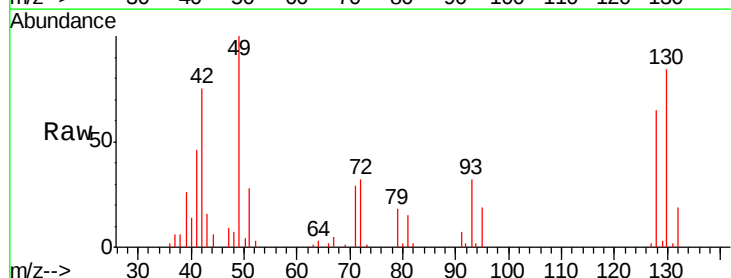
Tgt Ion: 49 Resp: 13803

Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.0#

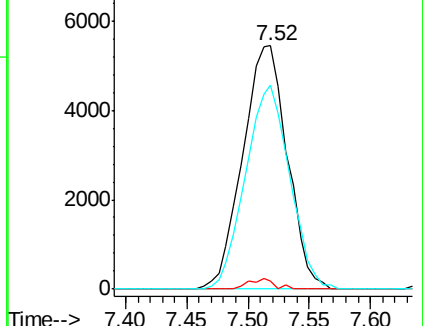
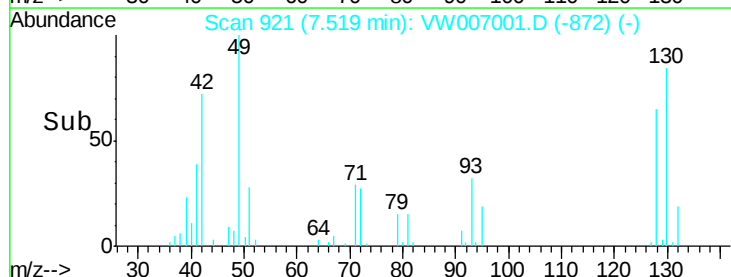
130 83.2 69.0 103.4

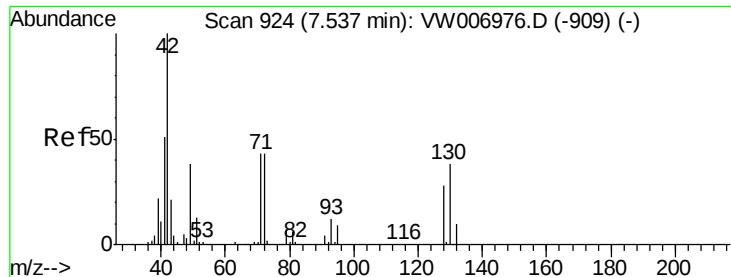


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

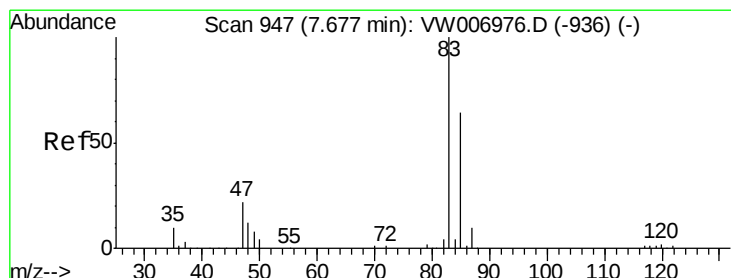
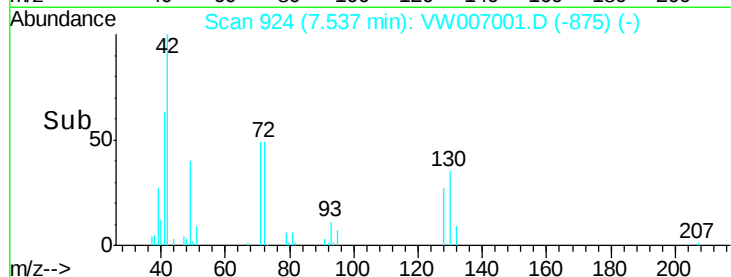
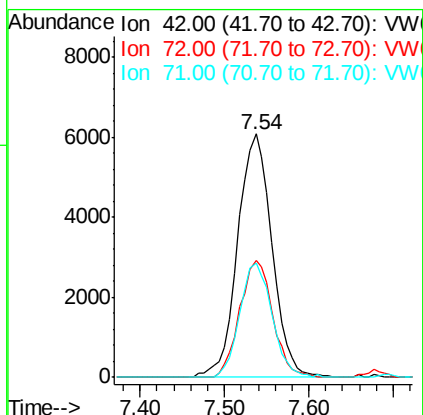
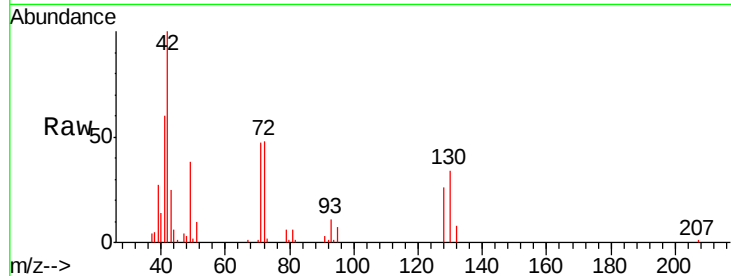




#29
Tetrahydrofuran
Concen: 90.91 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

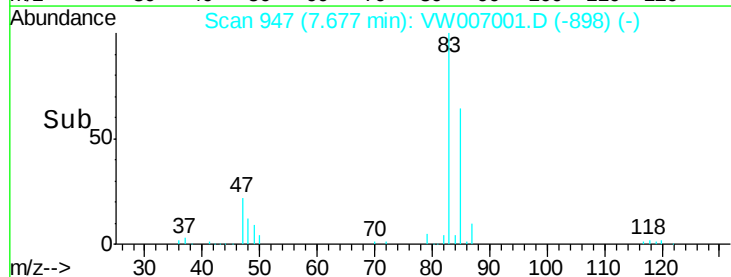
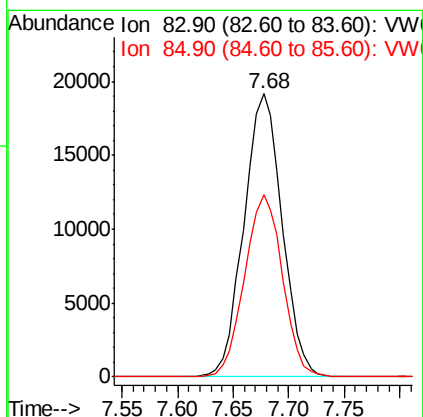
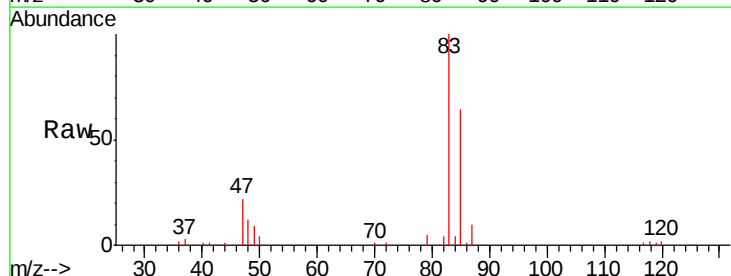
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

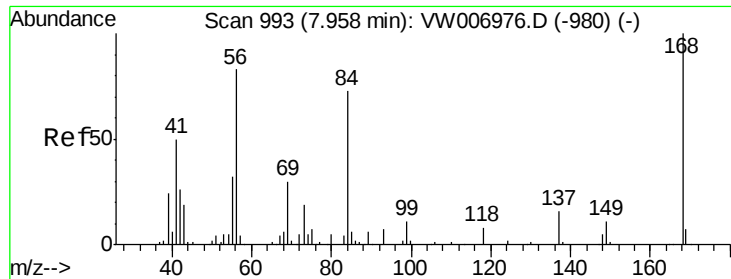
Tgt Ion: 42 Resp: 16779
Ion Ratio Lower Upper
42 100
72 45.9 36.2 54.4
71 44.1 33.8 50.8



#30
Chloroform
Concen: 20.72 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 83 Resp: 45798
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3

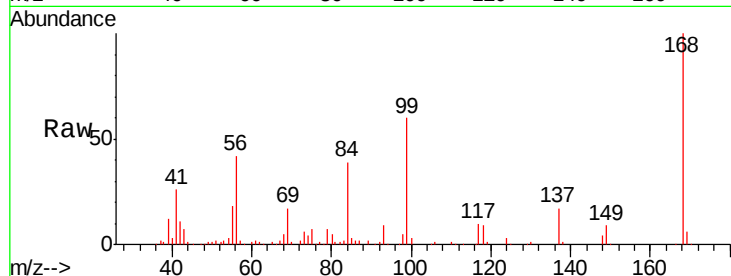




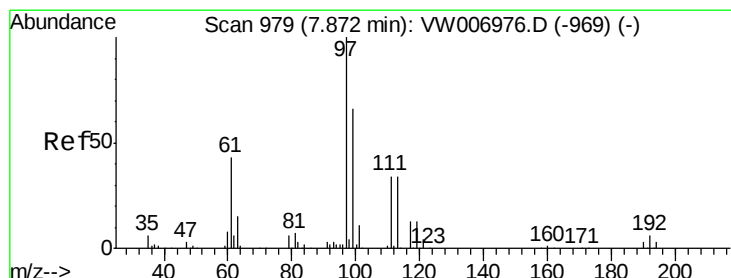
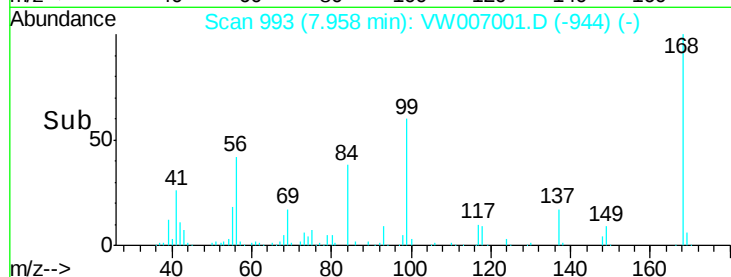
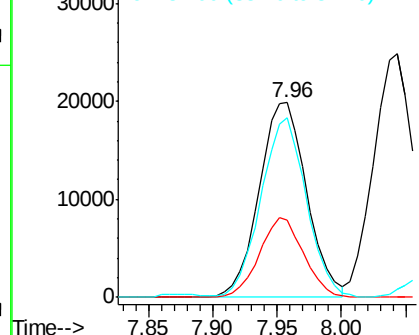
#31
Cyclohexane
Concen: 23.07 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion: 56 Resp: 50909
Ion Ratio Lower Upper
56 100
69 39.6 29.1 43.7
84 91.0 70.6 105.8

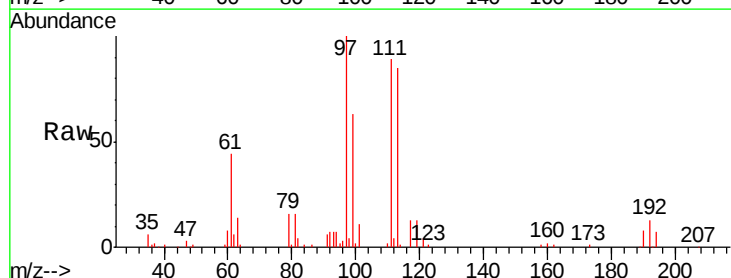


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

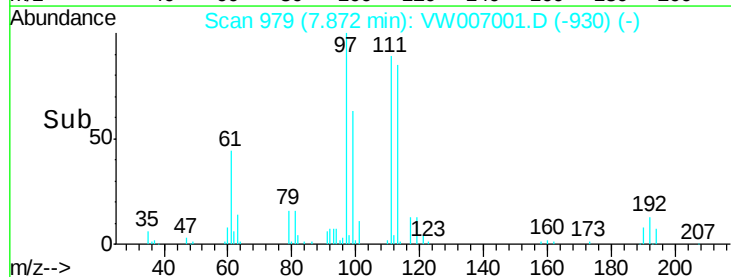
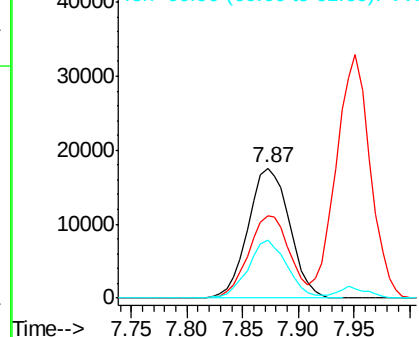


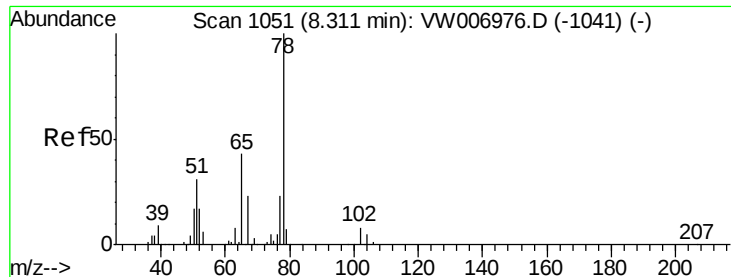
#32
1,1,1-Trichloroethane
Concen: 22.88 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 97 Resp: 45564
Ion Ratio Lower Upper
97 100
99 63.1 51.9 77.9
61 41.9 33.4 50.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

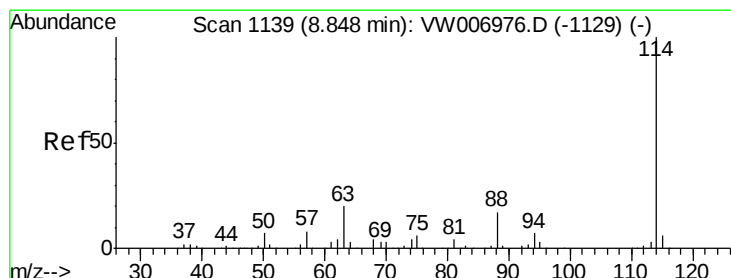
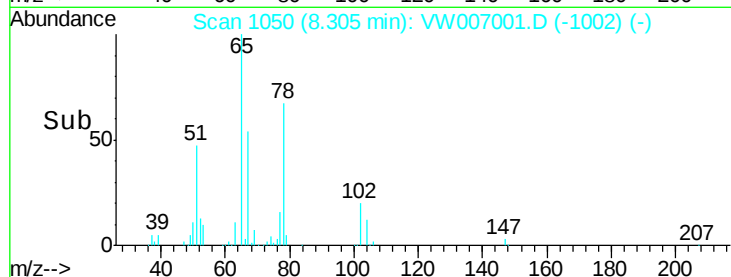
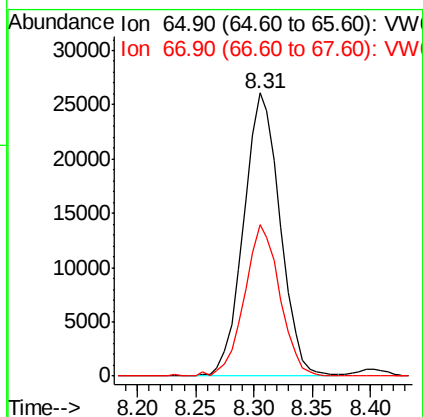
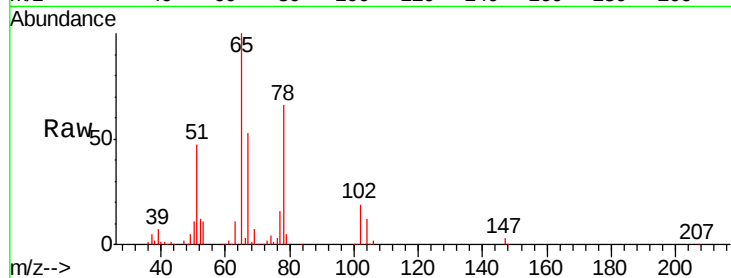
VW1122SBSD01

Tgt Ion: 65 Resp: 56765

Ion Ratio Lower Upper

65 100

67 51.9 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: VW007001.D

Acq: 21 Nov 2018 15:52

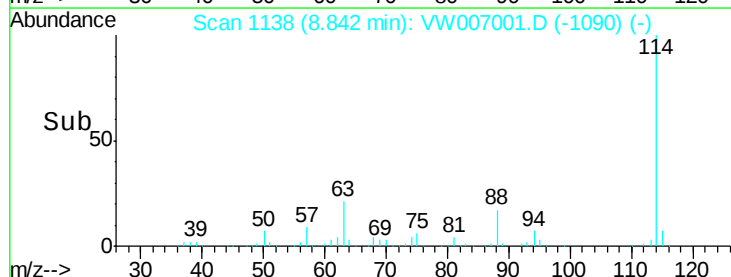
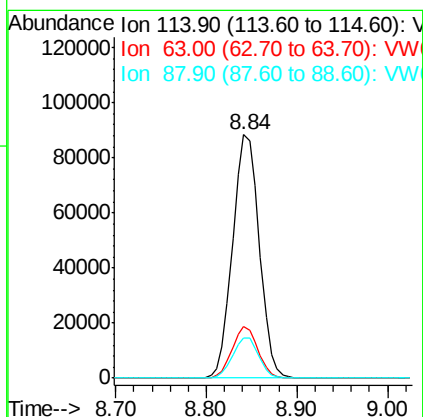
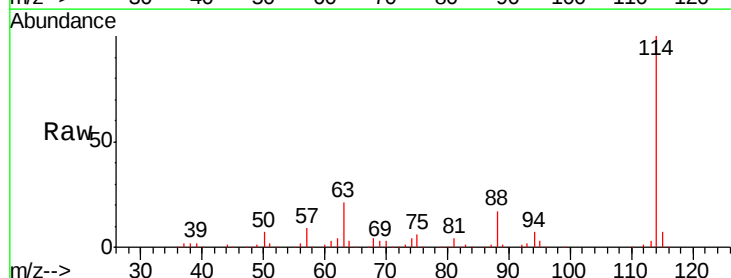
Tgt Ion: 114 Resp: 180292

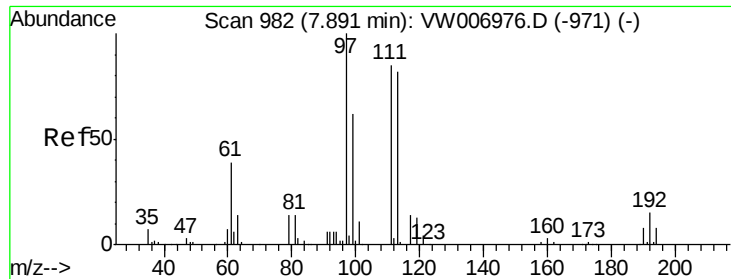
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

88 16.5 0.0 34.2

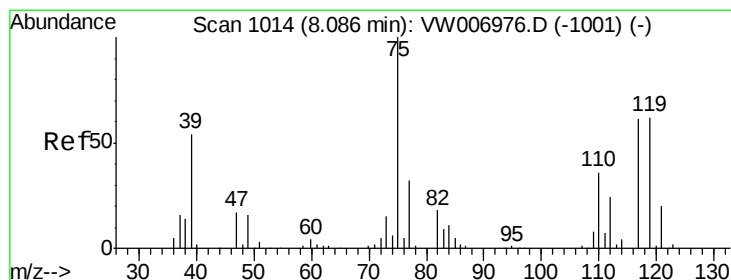
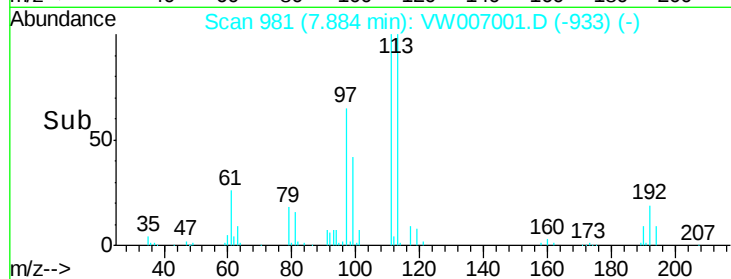
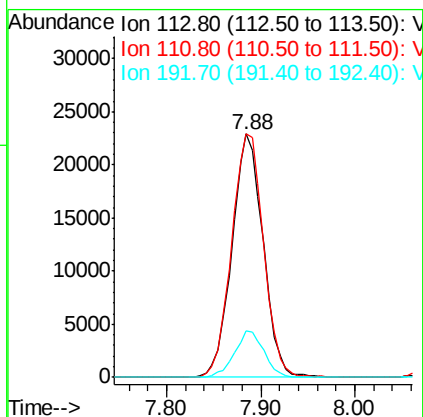
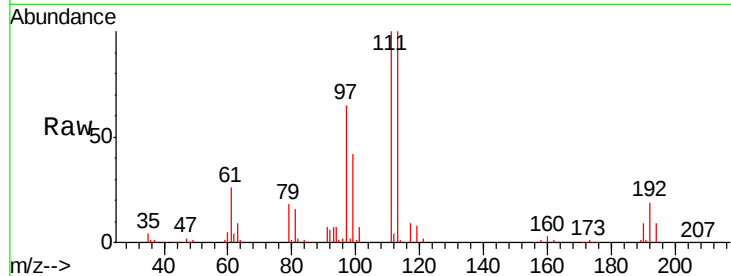




#35
Dibromofluoromethane
Concen: 51.55 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

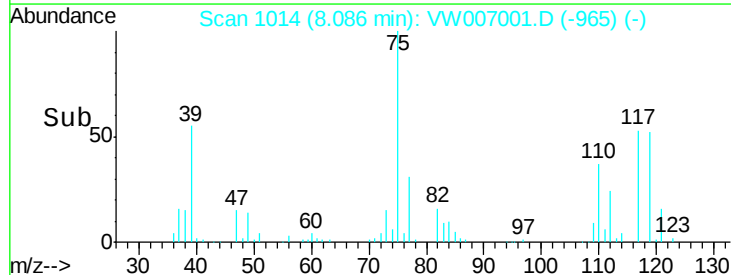
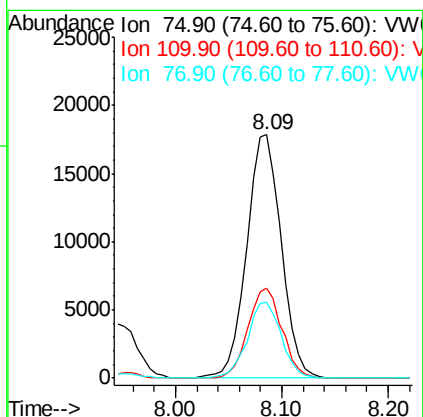
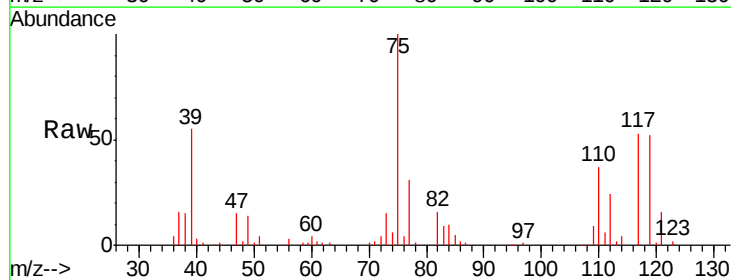
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

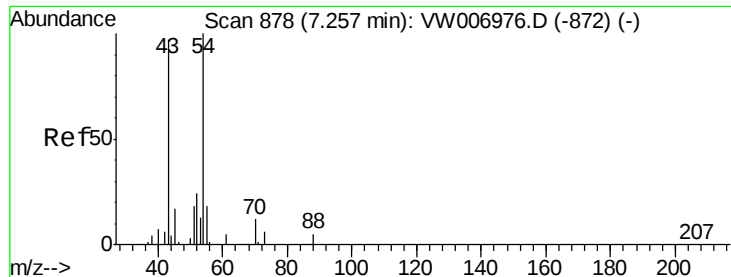
Tgt Ion:113 Resp: 52488
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.6
192 17.9 15.0 22.6



#36
1,1-Dichloropropene
Concen: 23.15 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 75 Resp: 40779
Ion Ratio Lower Upper
75 100
110 36.0 18.0 54.0
77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 20.94 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

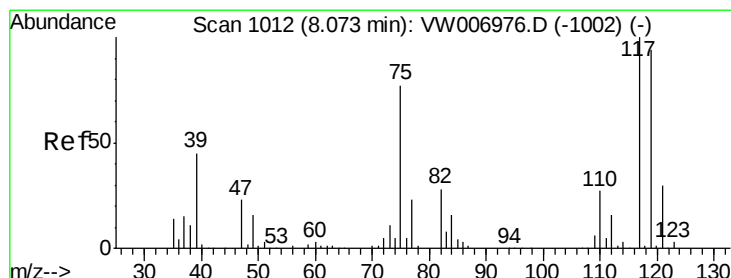
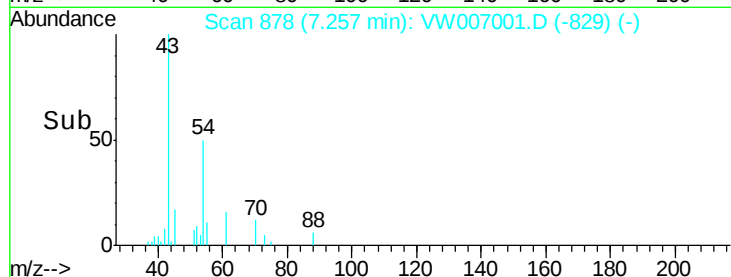
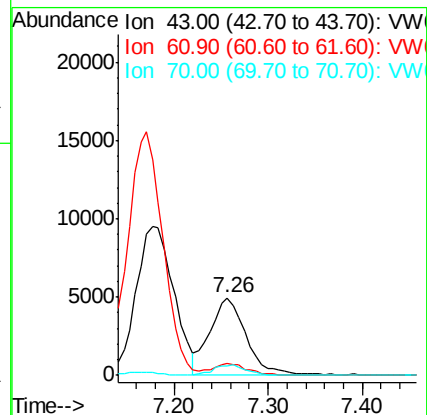
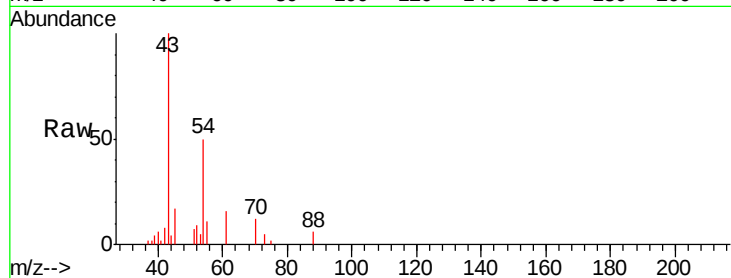
Tgt Ion: 43 Resp: 13368

Ion Ratio Lower Upper

43 100

61 14.9 10.4 15.6

70 11.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 23.14 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

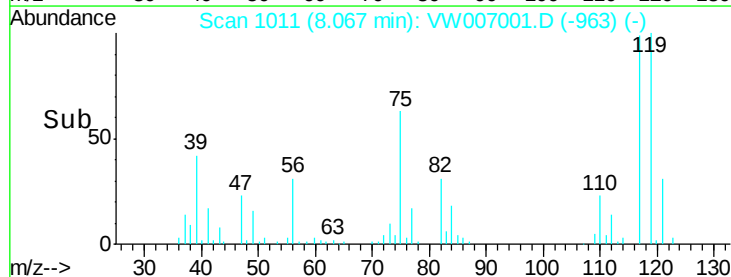
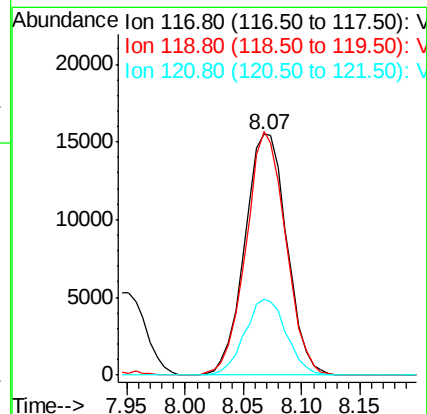
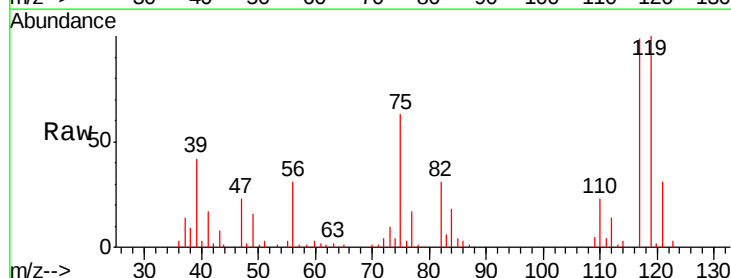
Tgt Ion: 117 Resp: 39036

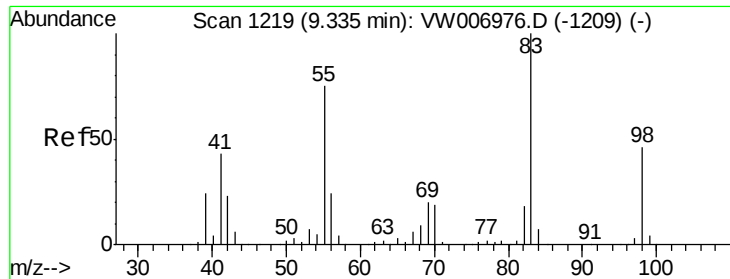
Ion Ratio Lower Upper

117 100

119 101.1 74.9 112.3

121 31.8 23.6 35.4

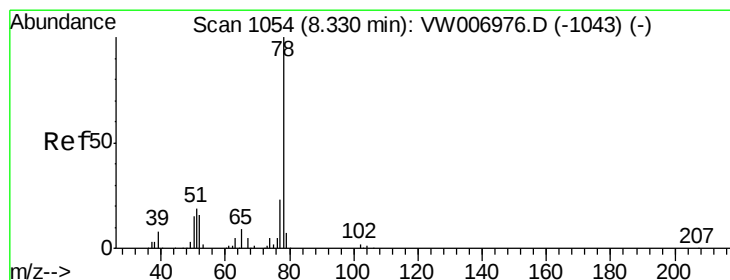
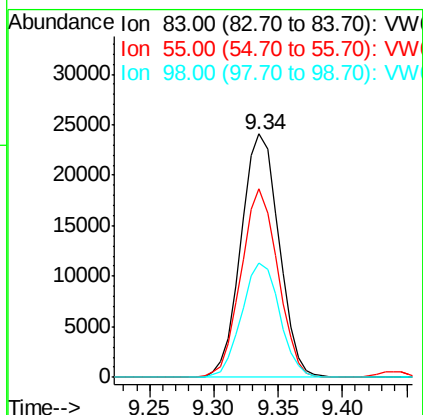
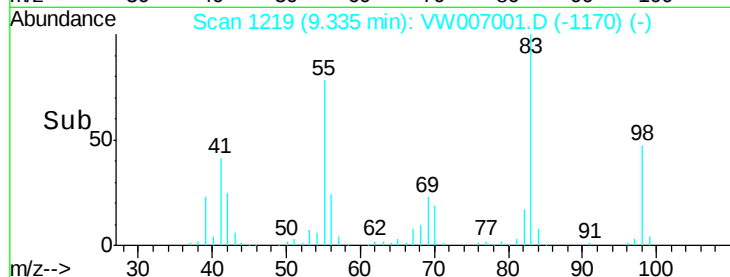
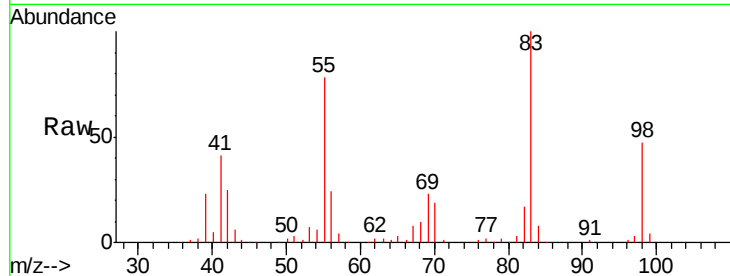




#39
Methylcyclohexane
Concen: 22.20 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

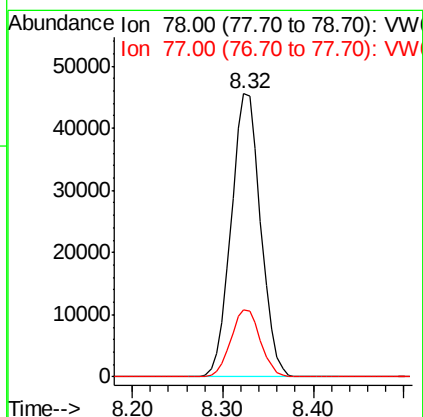
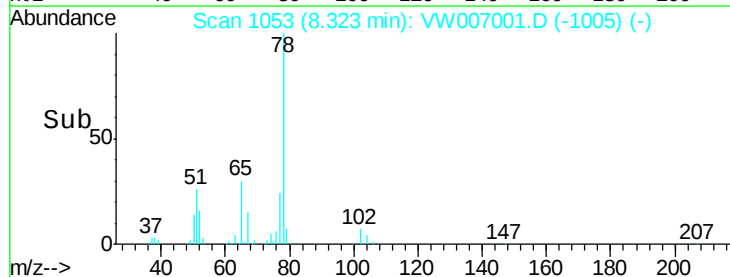
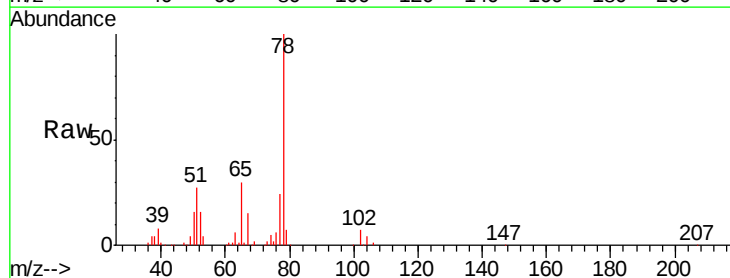
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

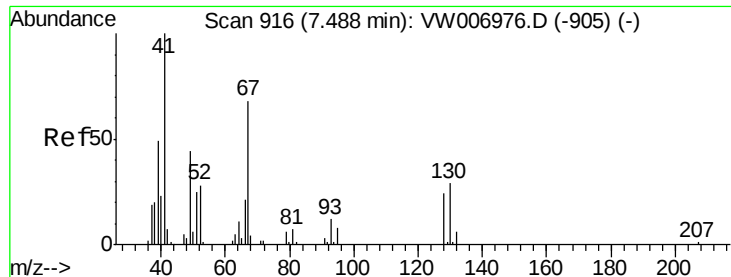
Tgt Ion: 83 Resp: 48950
Ion Ratio Lower Upper
83 100
55 77.7 59.6 89.4
98 46.7 37.1 55.7



#40
Benzene
Concen: 21.60 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 78 Resp: 102740
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

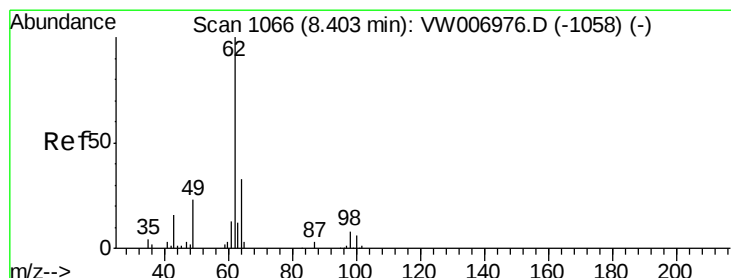
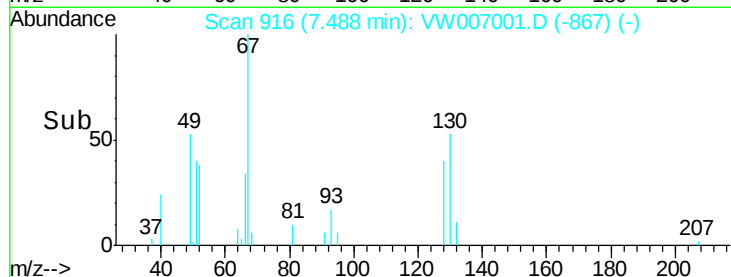
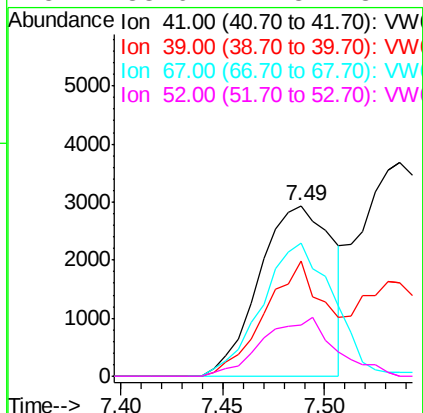
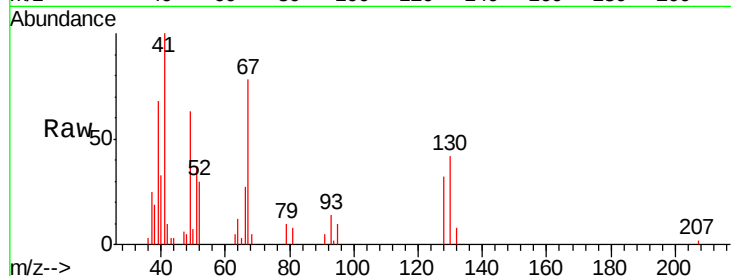




#41
Methacrylonitrile
Concen: 18.58 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

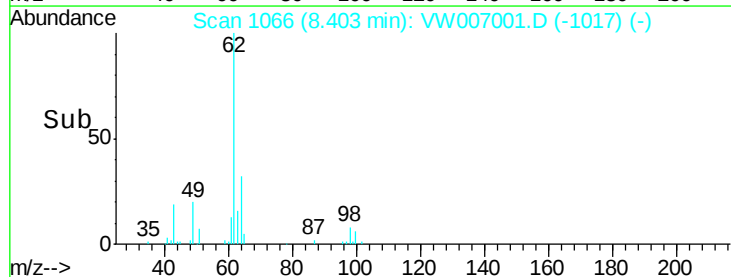
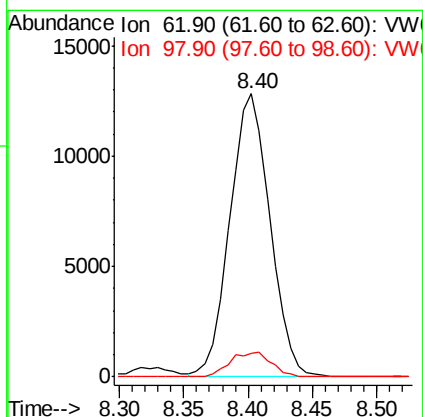
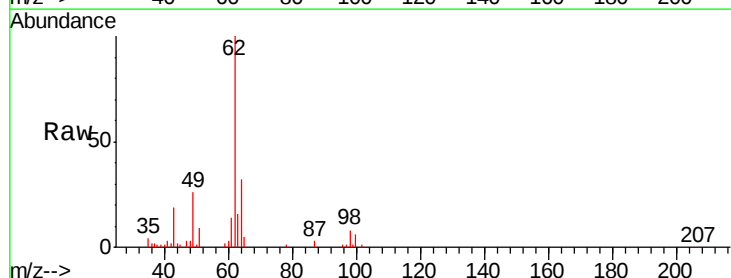
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

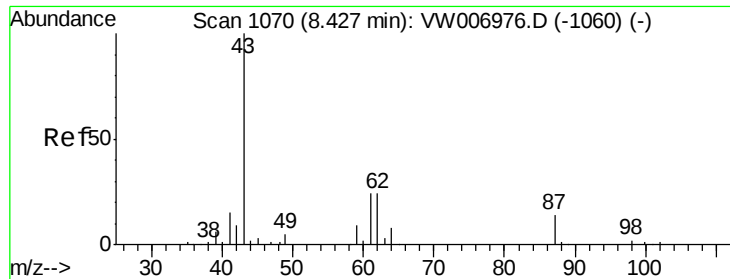
Tgt Ion:	41	Resp:	7368
Ion	Ratio	Lower	Upper
41	100		
39	55.5	48.6	73.0
67	76.8	59.8	89.8
52	33.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.11 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:	62	Resp:	27760
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.65 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

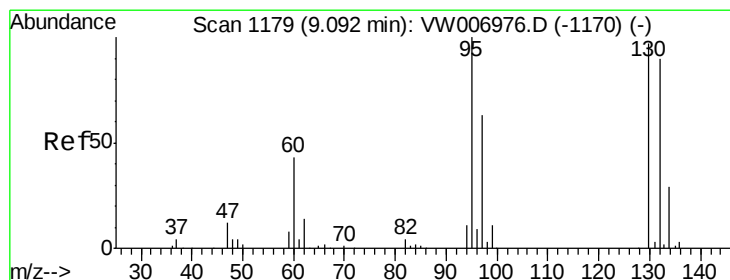
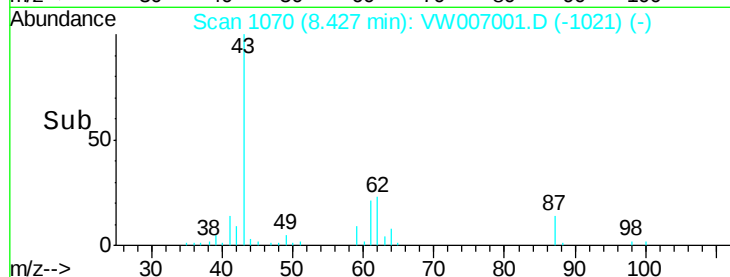
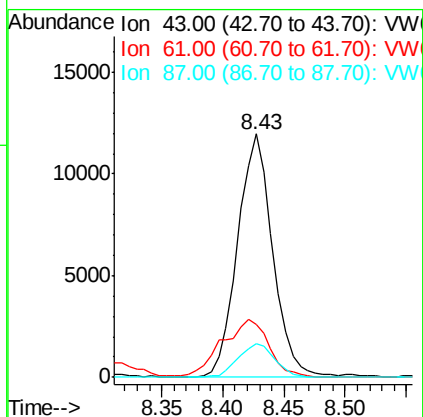
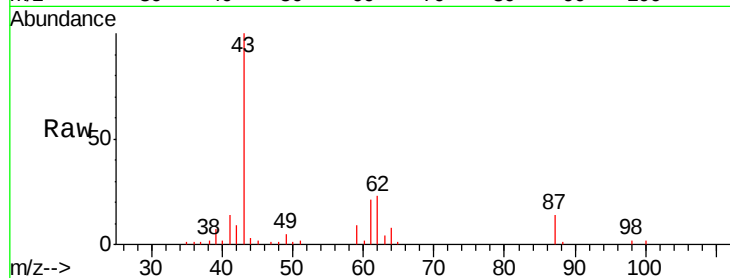
Tgt Ion: 43 Resp: 23902

Ion Ratio Lower Upper

43 100

61 32.0 26.1 39.1

87 14.5 11.2 16.8



#44

Trichloroethene

Concen: 22.17 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007001.D

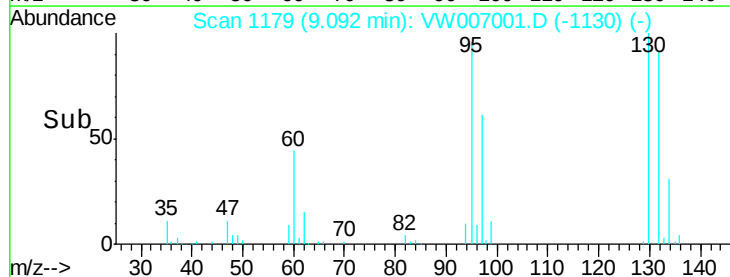
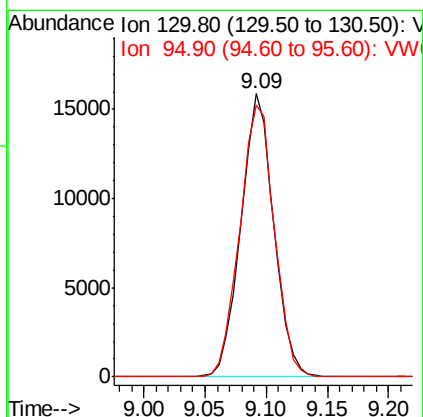
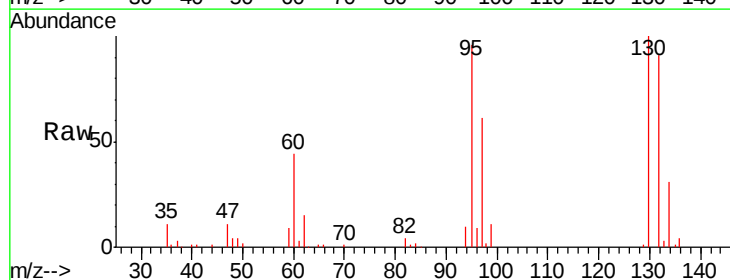
Acq: 21 Nov 2018 15:52

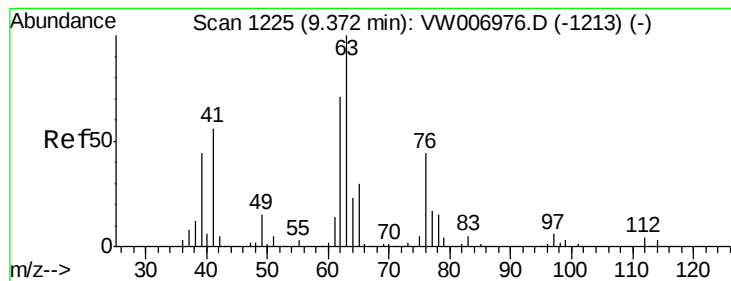
Tgt Ion: 130 Resp: 29556

Ion Ratio Lower Upper

130 100

95 96.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 21.92 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampled :

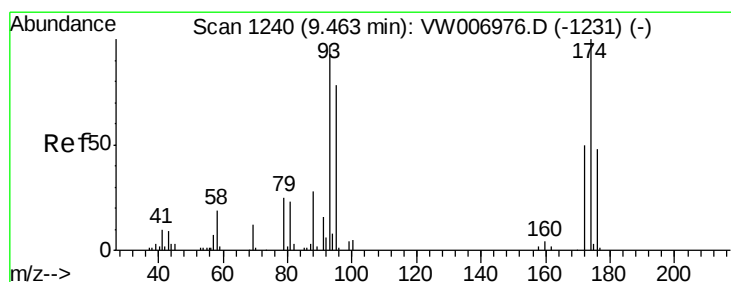
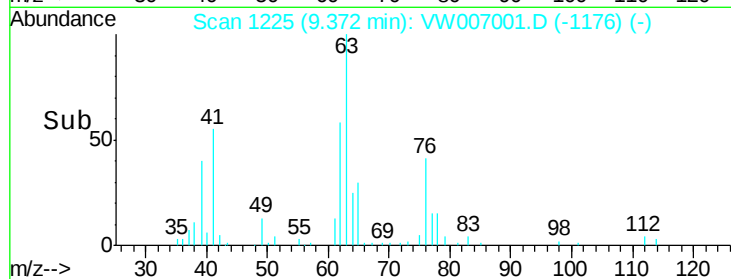
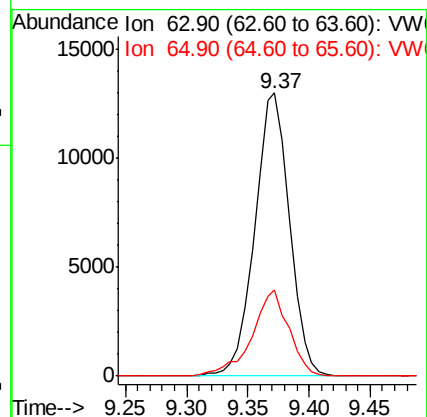
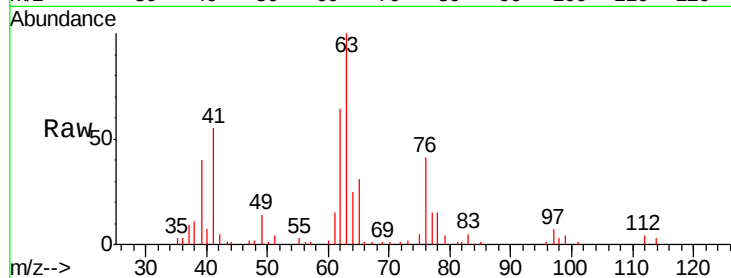
VW1122SBS01

Tgt Ion: 63 Resp: 25702

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 20.01 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

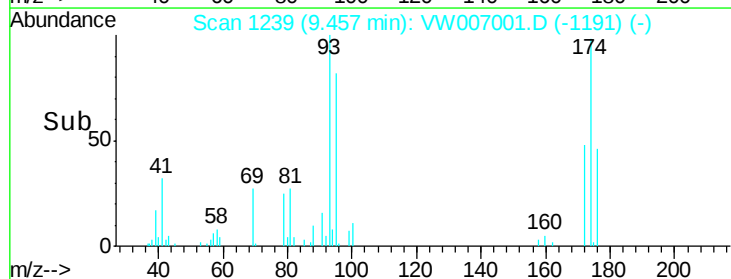
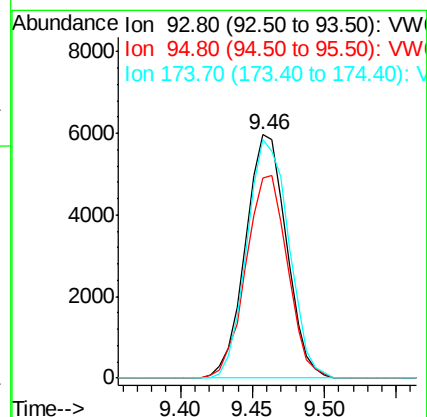
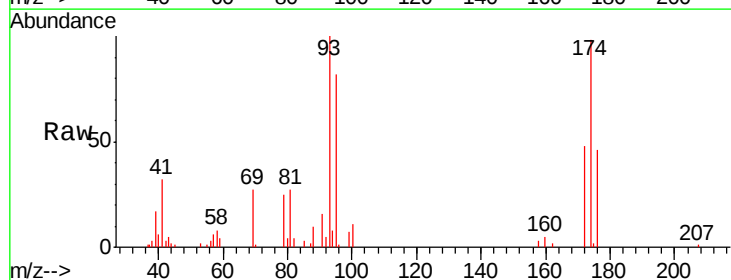
Tgt Ion: 93 Resp: 11749

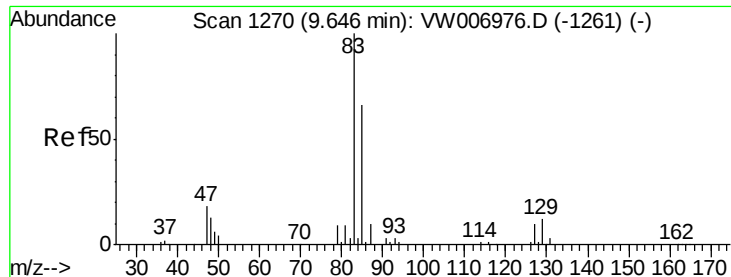
Ion Ratio Lower Upper

93 100

95 84.4 66.1 99.1

174 99.9 79.7 119.5





#47

Bromodichloromethane

Concen: 21.66 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

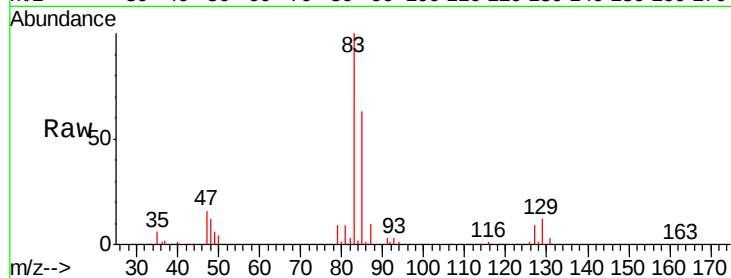
Tgt Ion: 83 Resp: 33511

Ion Ratio Lower Upper

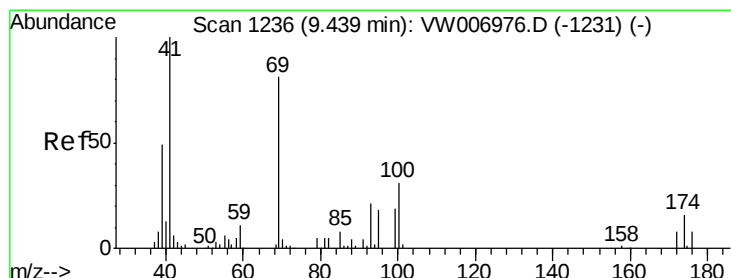
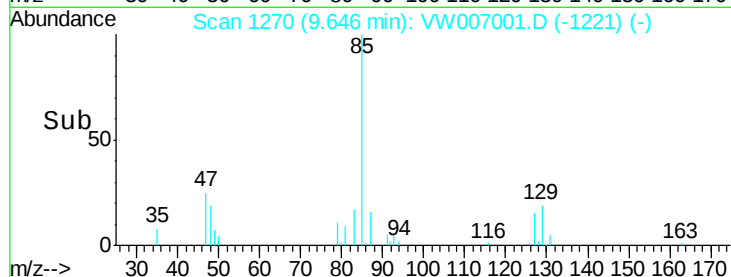
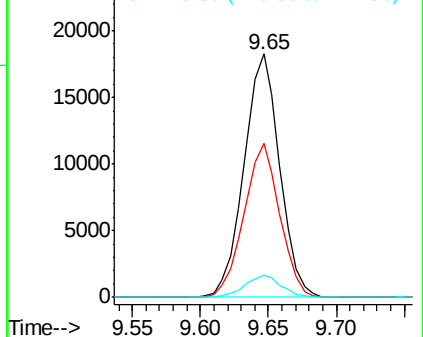
83 100

85 63.4 52.9 79.3

127 9.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.04 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

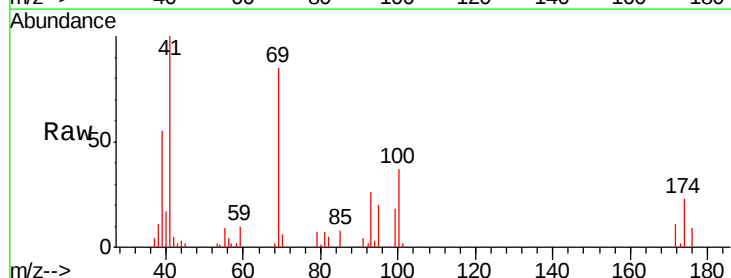
Tgt Ion: 41 Resp: 11168

Ion Ratio Lower Upper

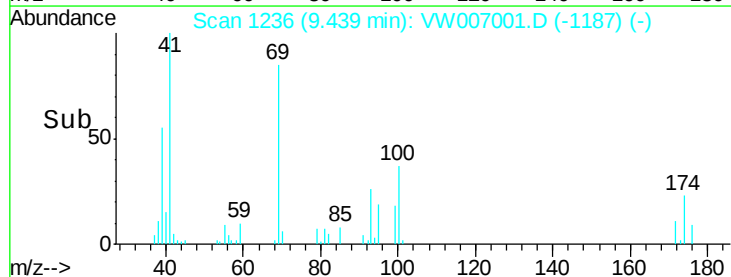
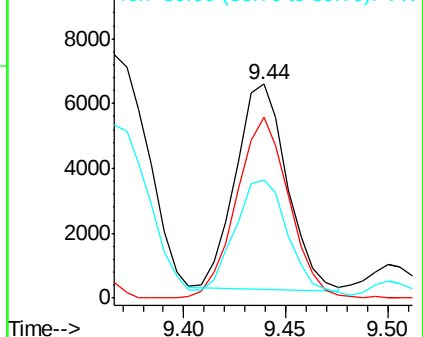
41 100

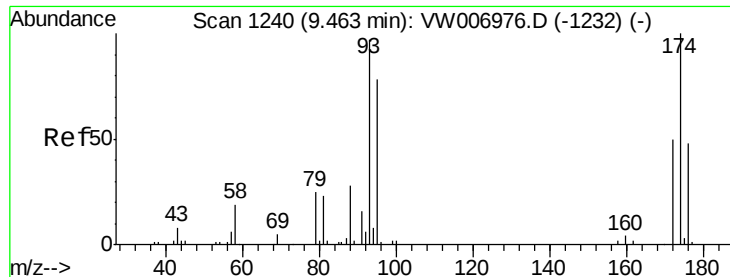
69 89.3 71.4 107.0

39 57.6 44.8 67.2



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

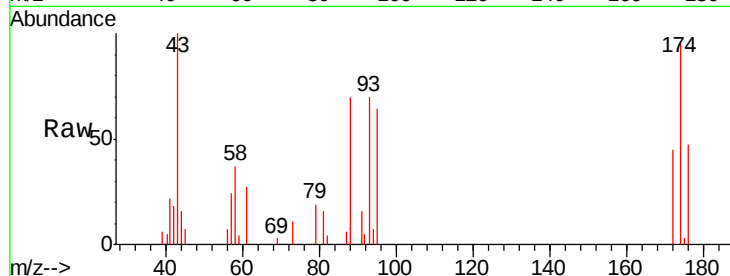




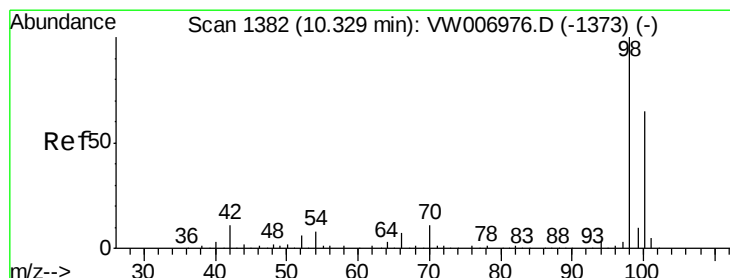
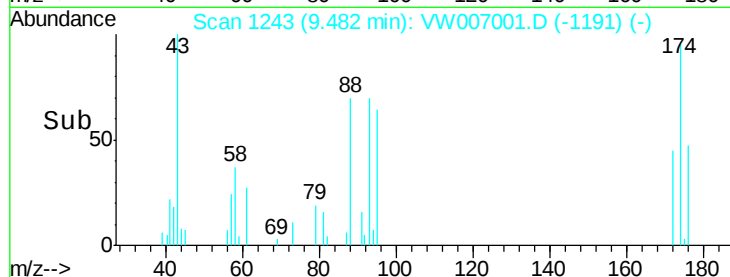
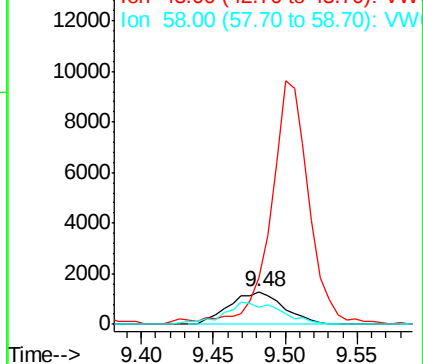
#49
1,4-Dioxane
Concen: 386.32 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion: 88 Resp: 3371
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.1 59.0 88.6

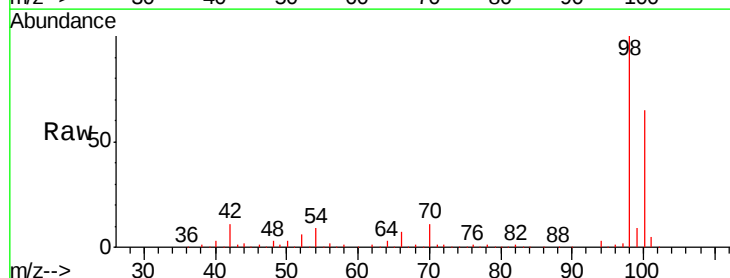


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

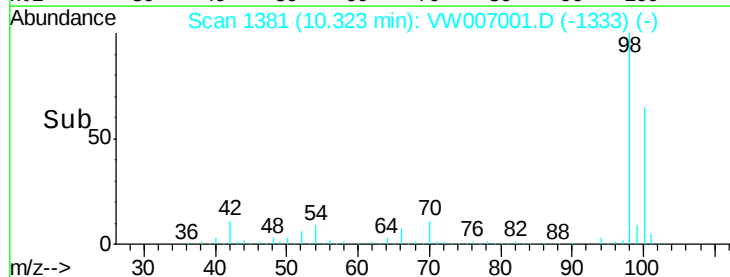
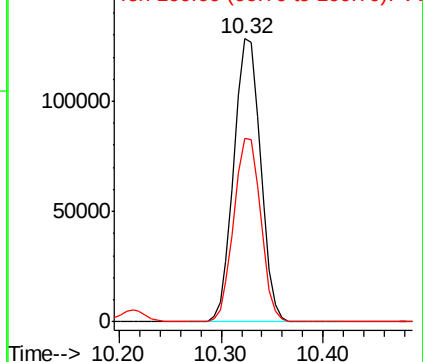


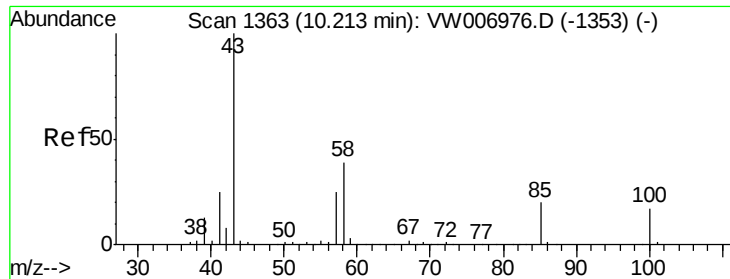
#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 98 Resp: 232880
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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

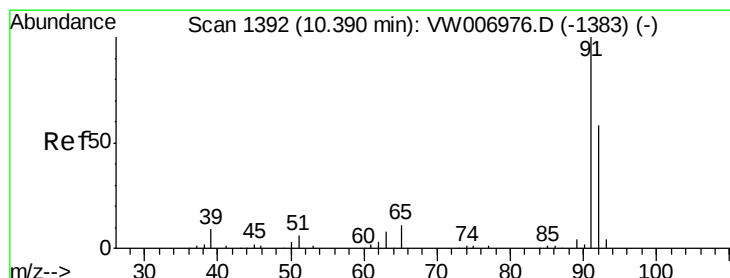
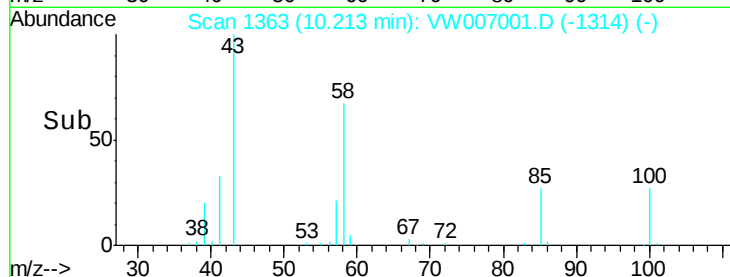
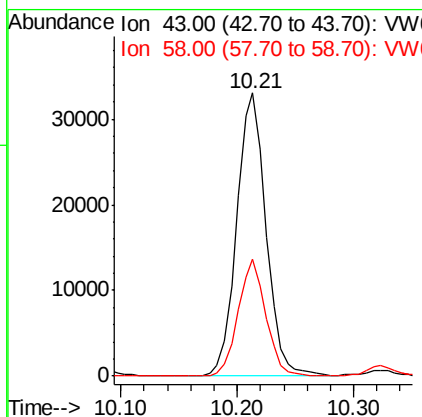
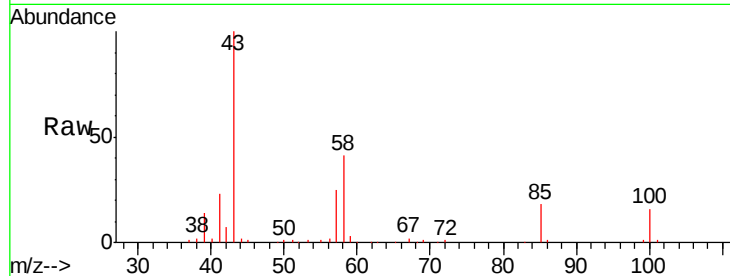




#51
4-Methyl-2-Pentanone
Concen: 94.63 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

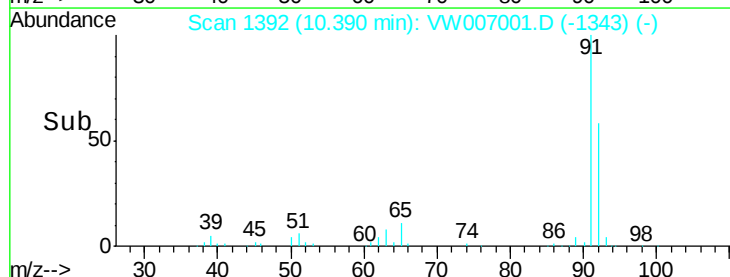
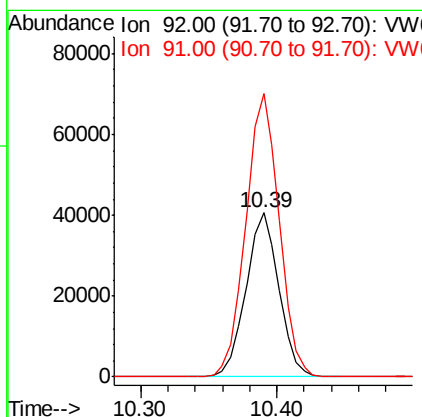
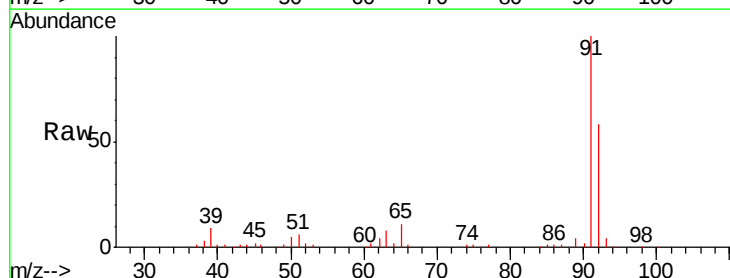
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

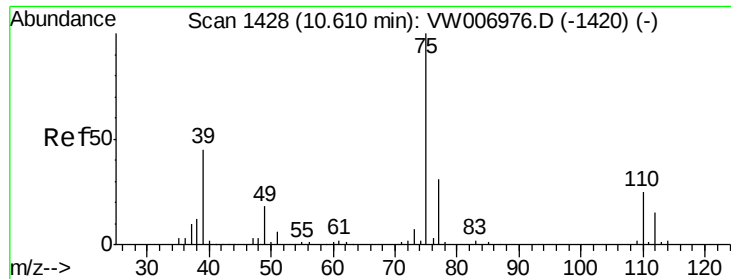
Tgt Ion: 43 Resp: 58180
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.6



#52
Toluene
Concen: 21.22 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 92 Resp: 68680
Ion Ratio Lower Upper
92 100
91 175.3 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.26 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

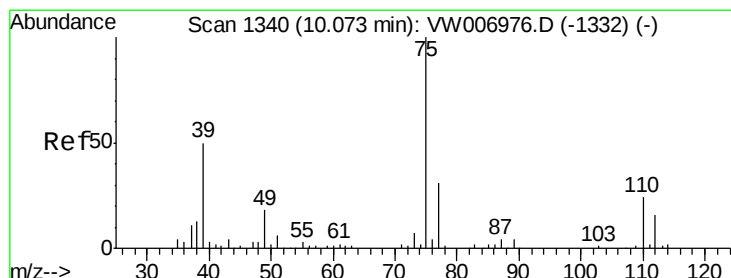
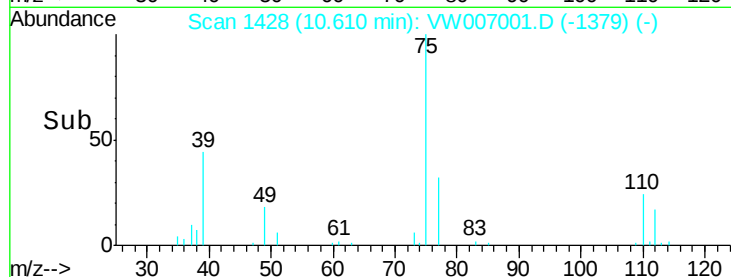
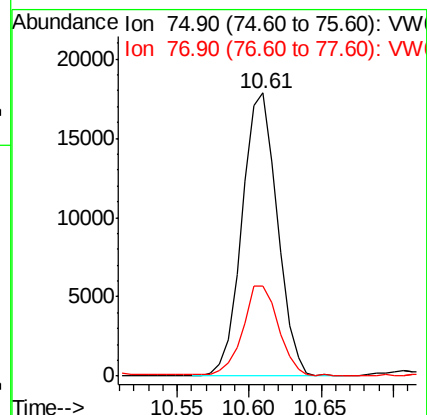
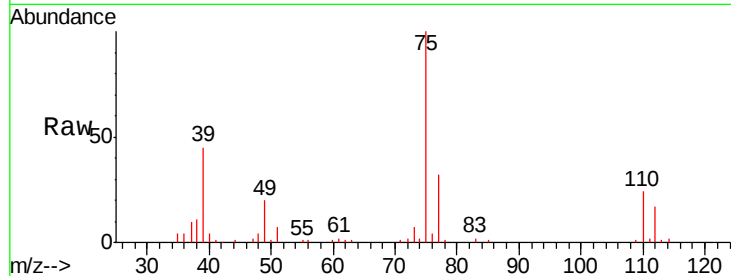
VW1122SBS01

Tgt Ion: 75 Resp: 30356

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.89 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

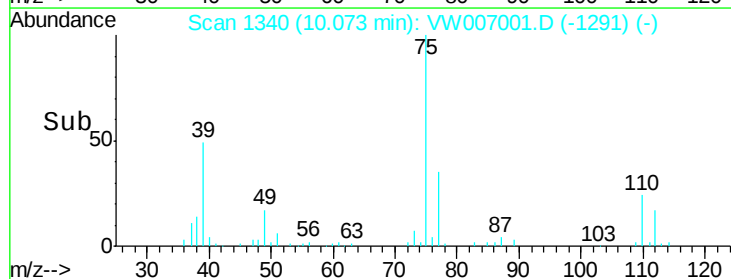
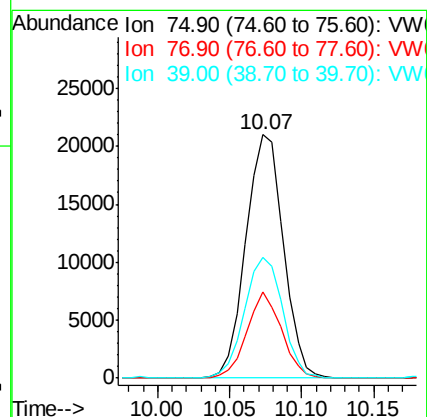
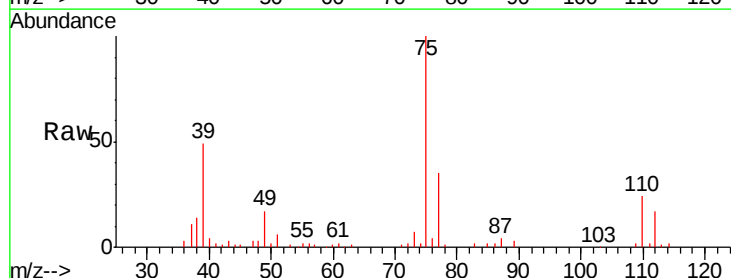
Tgt Ion: 75 Resp: 37811

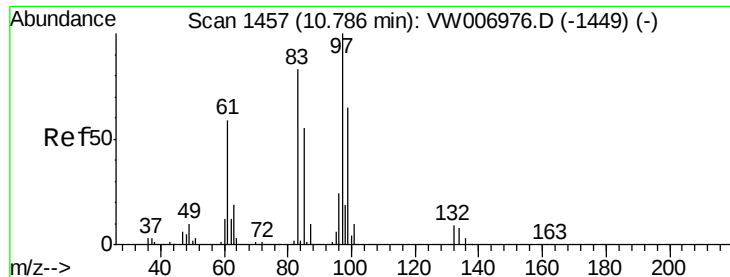
Ion Ratio Lower Upper

75 100

77 35.3 25.0 37.6

39 49.5 39.9 59.9

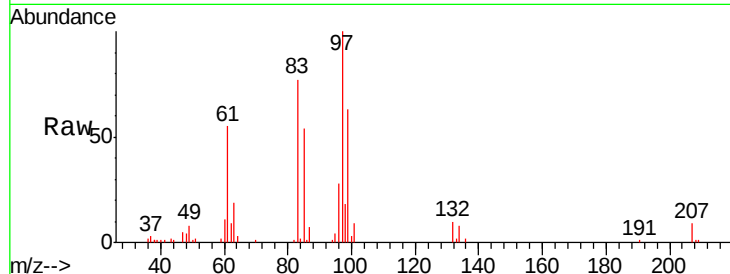




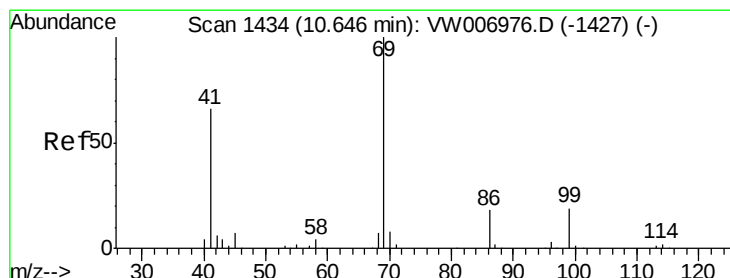
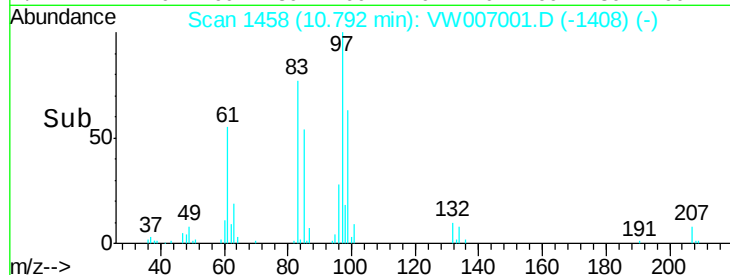
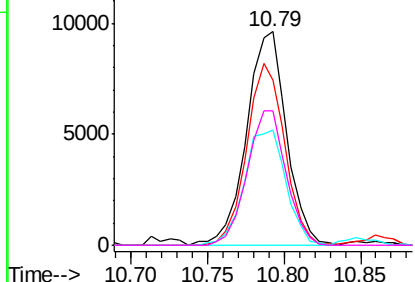
#55
 1,1,2-Trichloroethane
 Concen: 20.25 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

Tgt Ion:	97	Resp:	17494
Ion	Ratio	Lower	Upper
97	100		
83	77.3	66.4	99.6
85	53.8	44.1	66.1
99	63.1	51.7	77.5

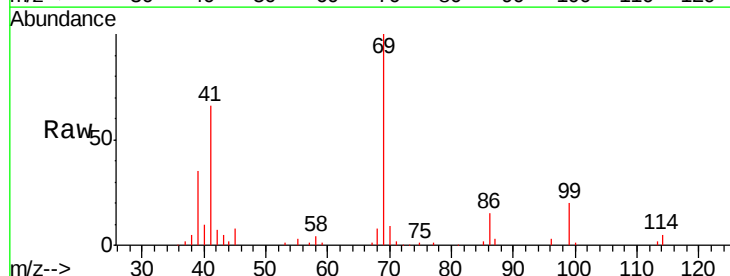


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

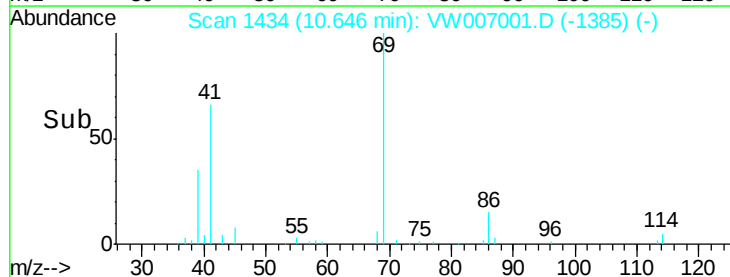
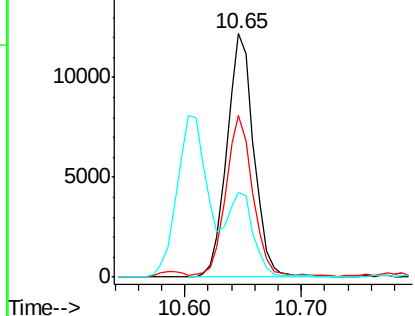


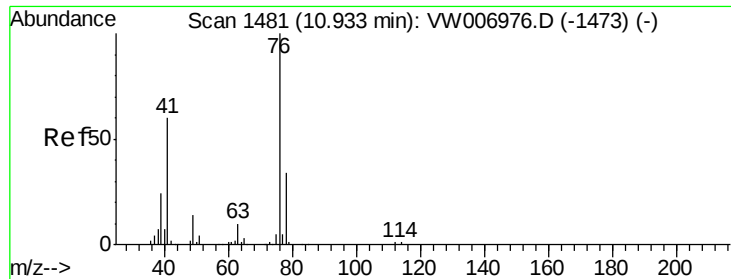
#56
 Ethyl methacrylate
 Concen: 19.53 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion:	69	Resp:	19585
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.4	80.0
39	35.3	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: 20.79 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

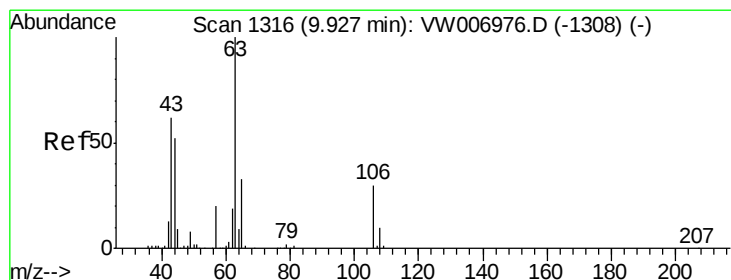
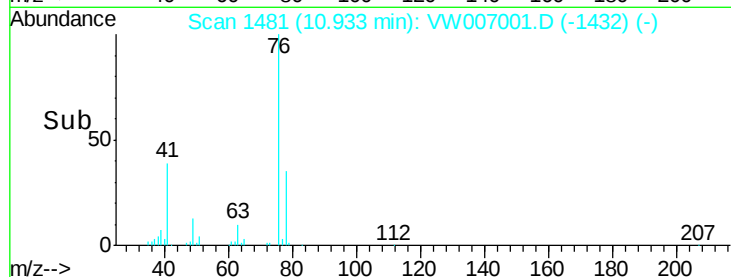
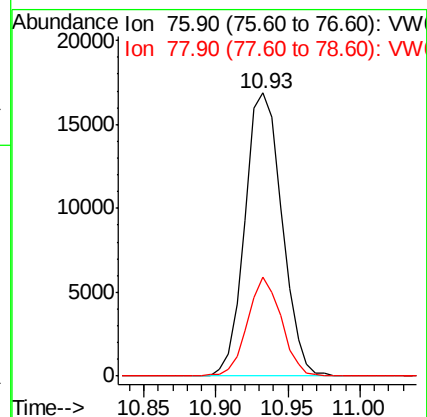
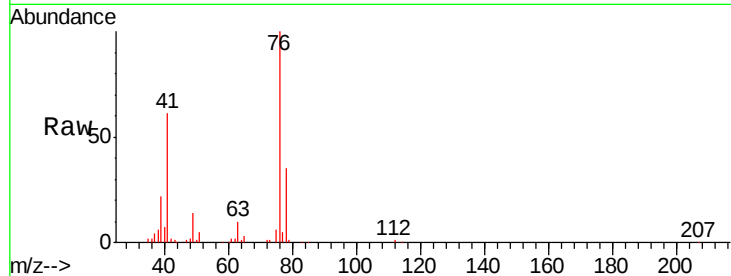
VW1122SBSD01

Tgt Ion: 76 Resp: 30087

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.26 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007001.D

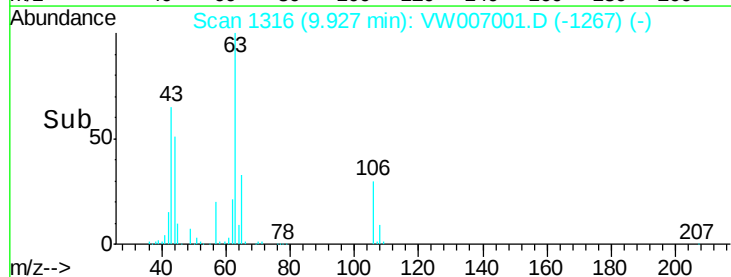
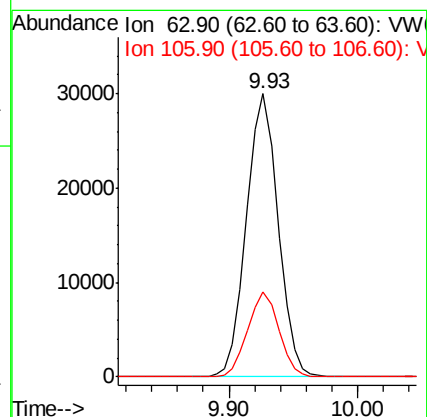
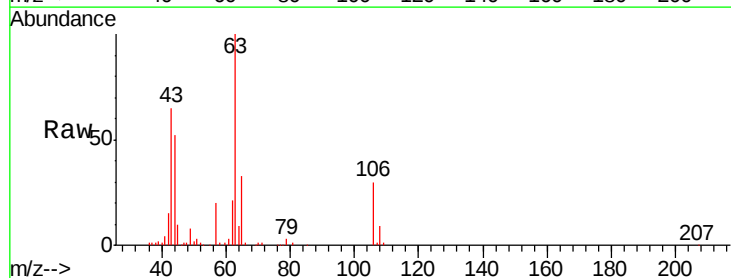
Acq: 21 Nov 2018 15:52

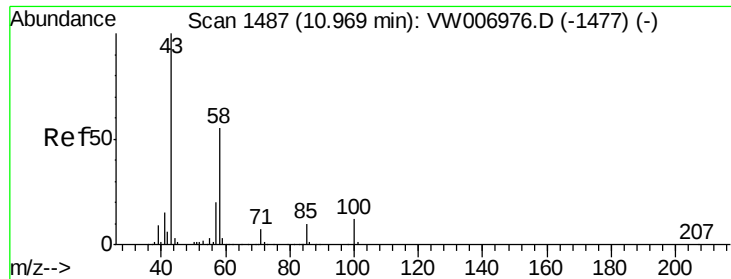
Tgt Ion: 63 Resp: 50958

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3

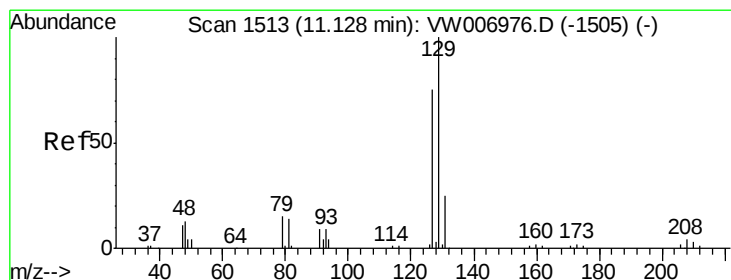
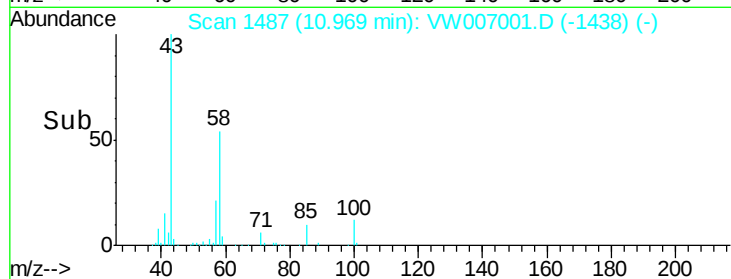
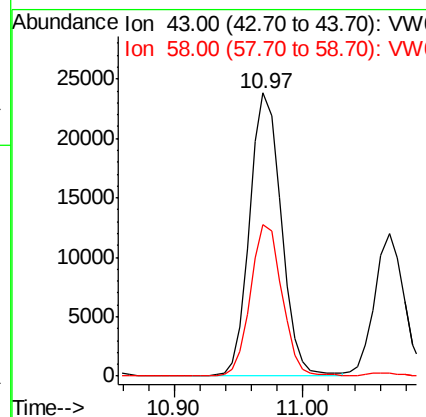
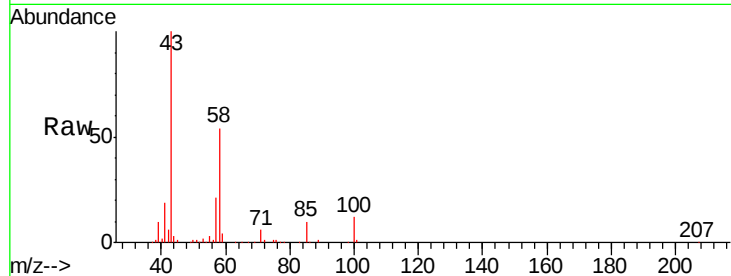




#59
2-Hexanone
Concen: 96.01 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

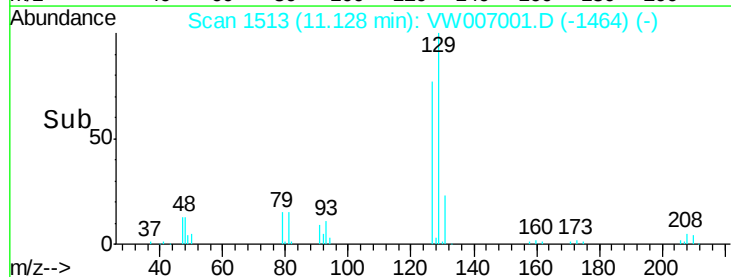
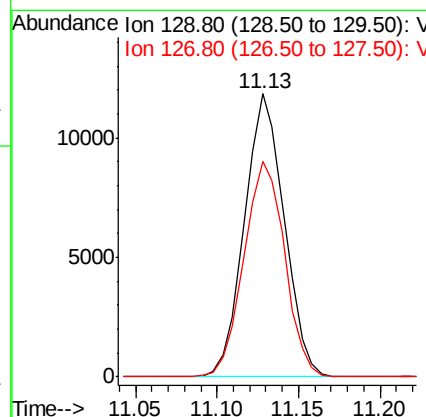
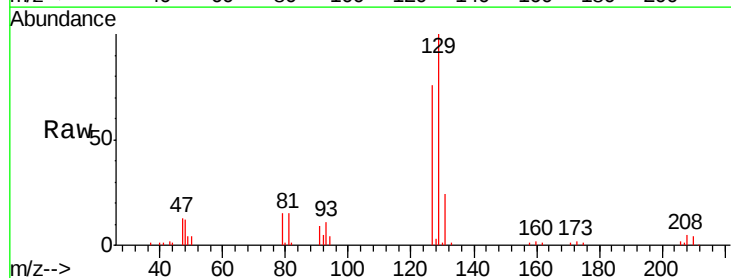
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

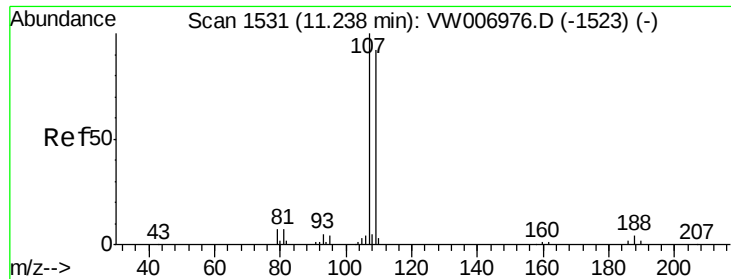
Tgt Ion: 43 Resp: 40423
Ion Ratio Lower Upper
43 100
58 53.4 27.3 81.8



#60
Dibromochloromethane
Concen: 20.43 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 129 Resp: 20108
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8

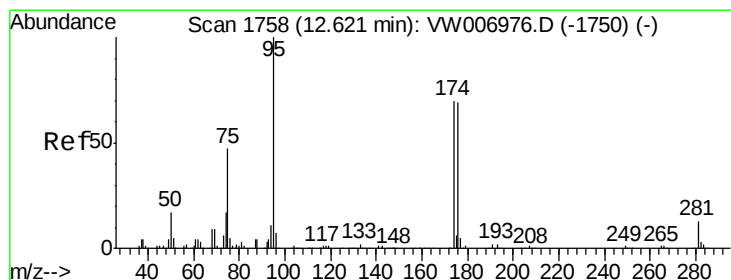
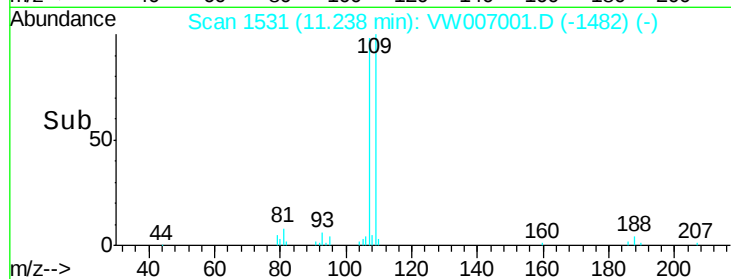
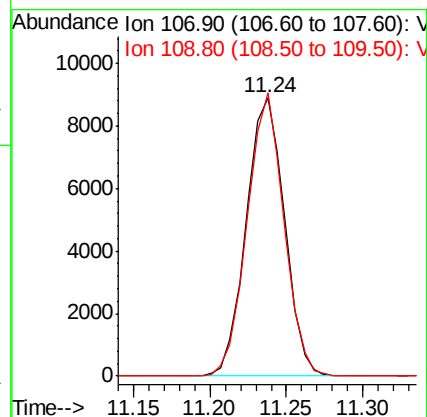
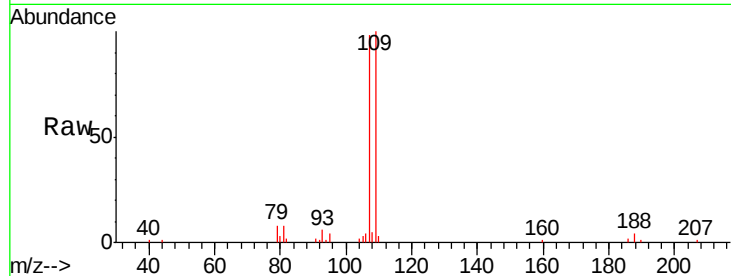




#61
 1,2-Dibromoethane
 Concen: 19.61 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

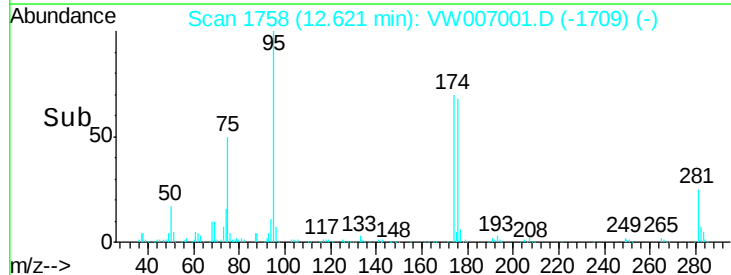
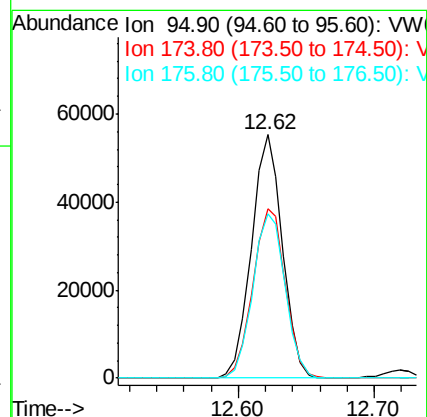
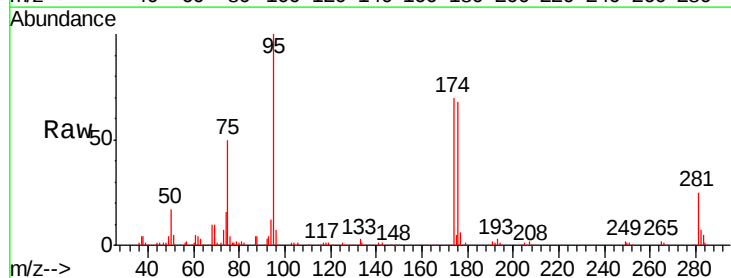
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

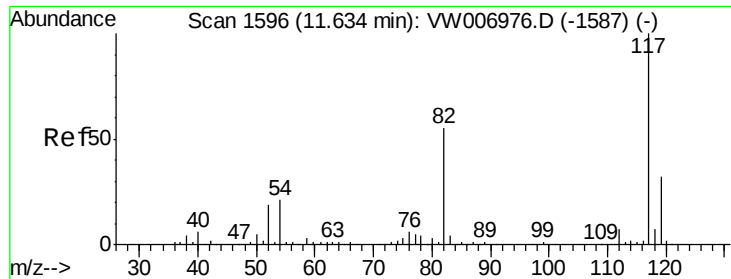
Tgt Ion: 107 Resp: 15496
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.71 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion: 95 Resp: 87951
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 143.6
 176 70.7 0.0 140.4

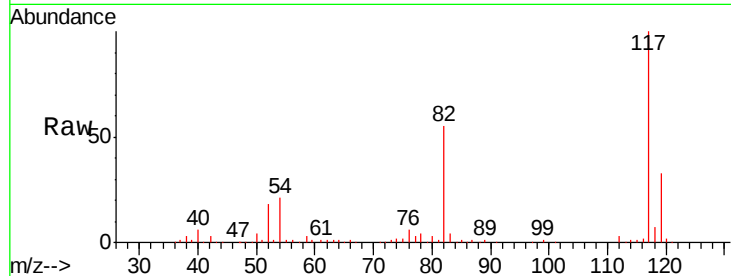




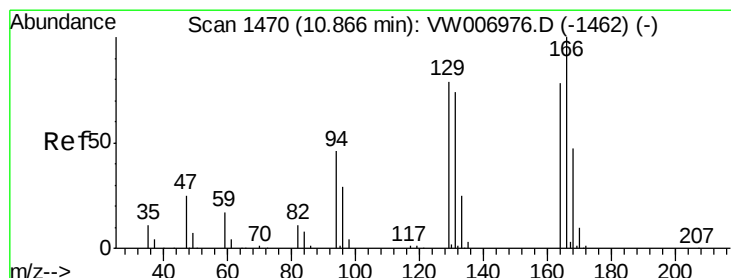
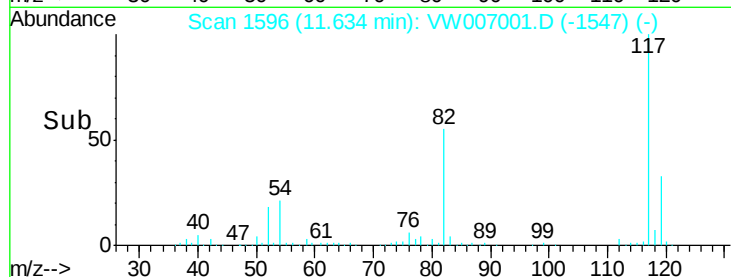
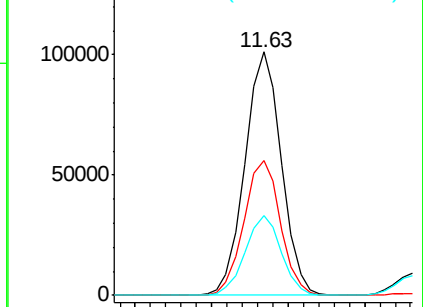
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion:117 Resp: 167608
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.6 25.9 38.9

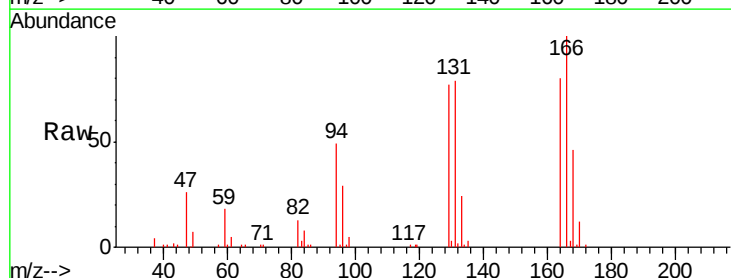


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

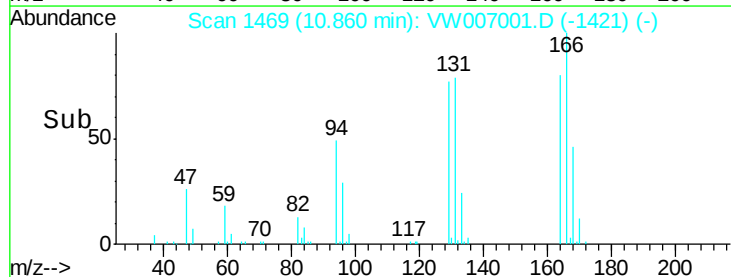
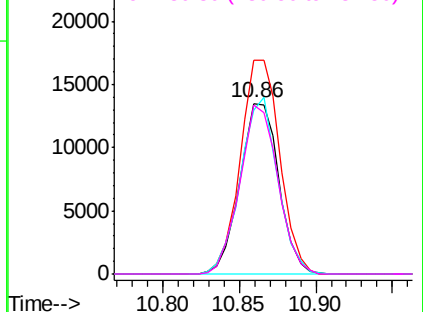


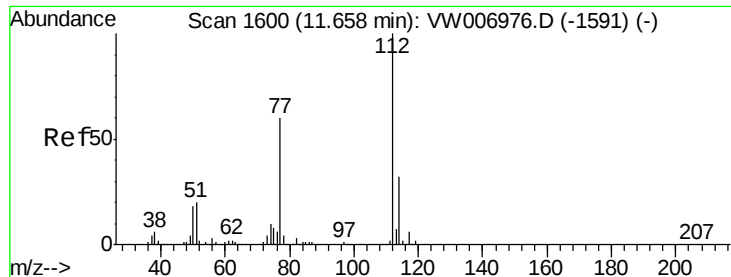
#64
Tetrachloroethene
Concen: 22.14 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:164 Resp: 23872
Ion Ratio Lower Upper
164 100
166 125.1 102.1 153.1
129 96.2 80.4 120.6
131 99.1 75.2 112.8



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

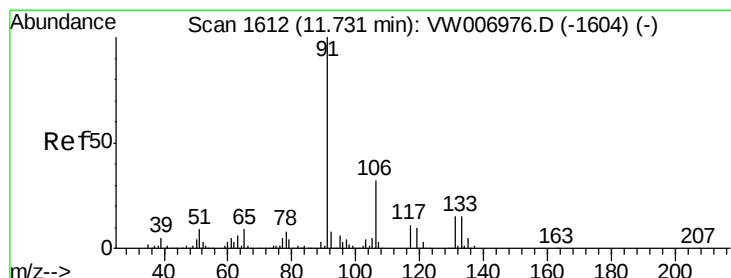
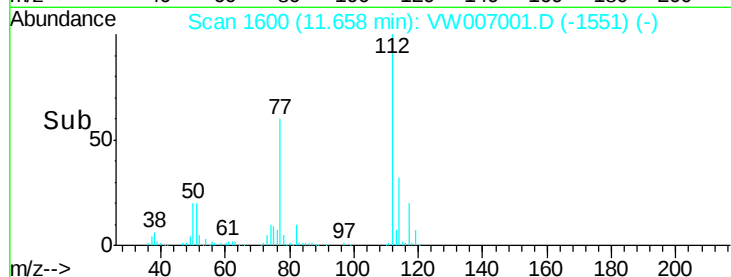
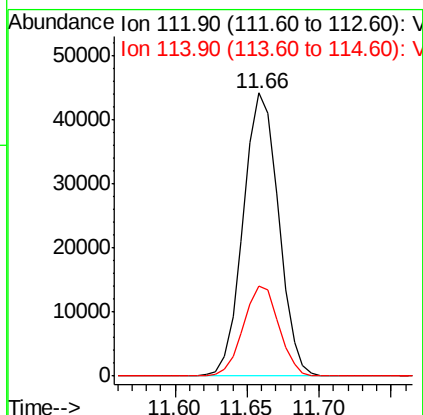
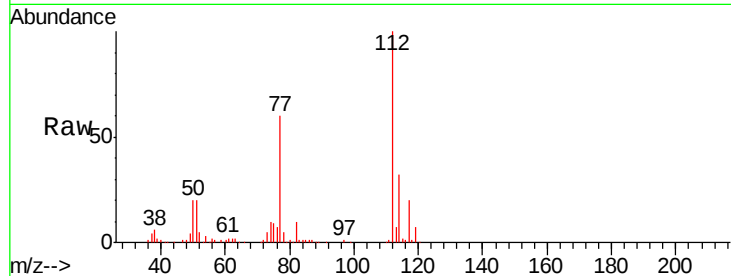




#65
Chlorobenzene
Concen: 21.50 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

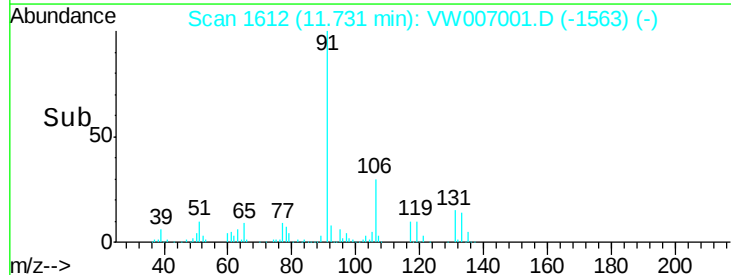
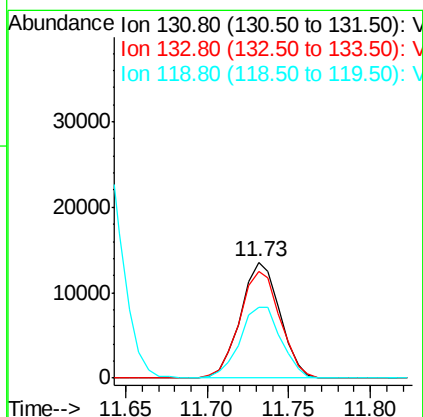
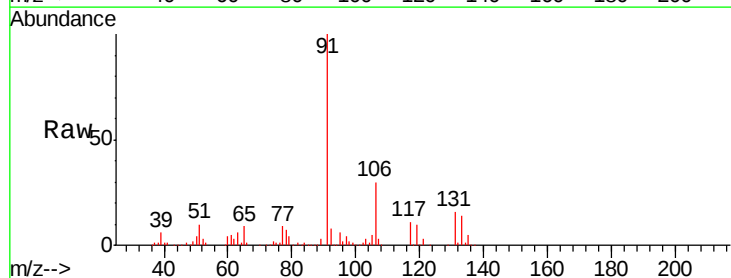
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

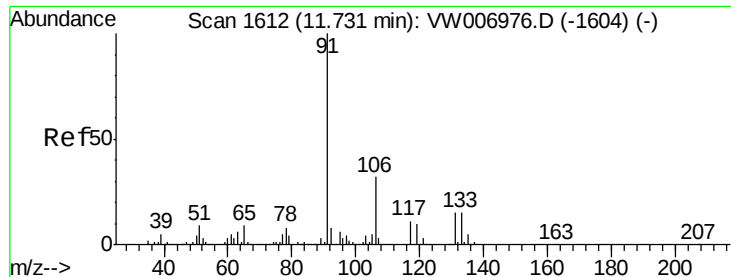
Tgt Ion:112 Resp: 75212
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.58 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:131 Resp: 22842
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.3 31.8 95.3

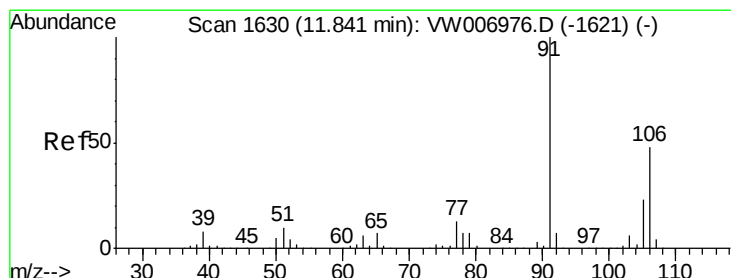
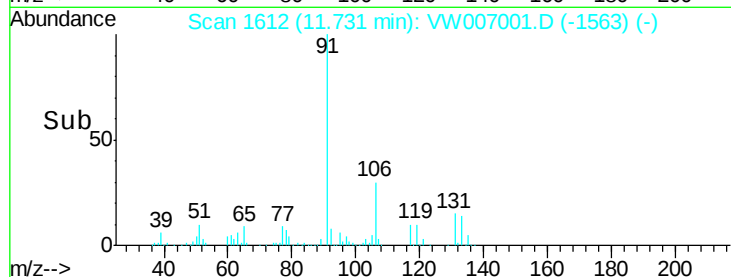
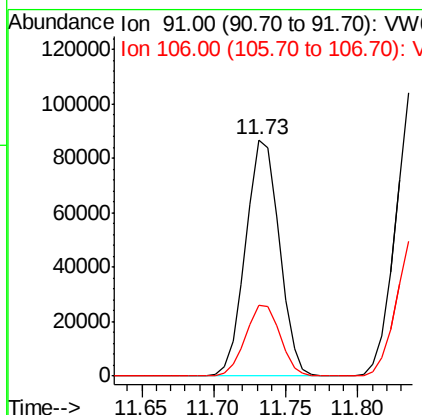
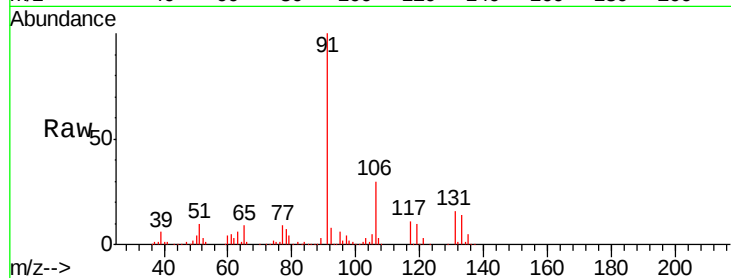




#67
Ethyl Benzene
Concen: 21.84 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

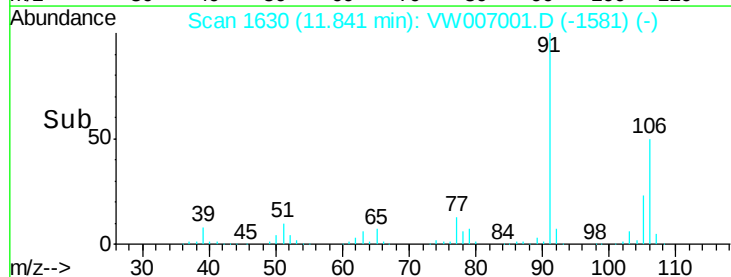
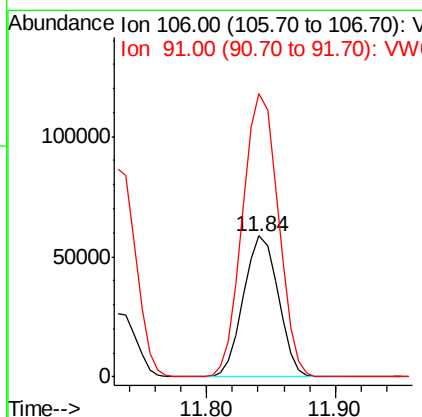
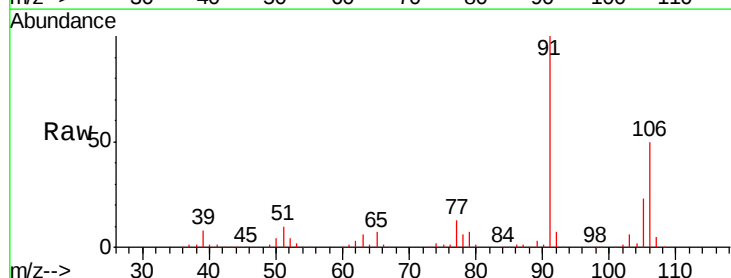
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

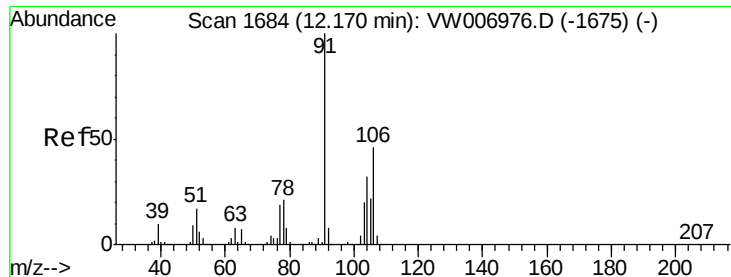
Tgt Ion: 91 Resp: 140332
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2



#68
m/p-Xylenes
Concen: 43.66 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 106 Resp: 110070
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2

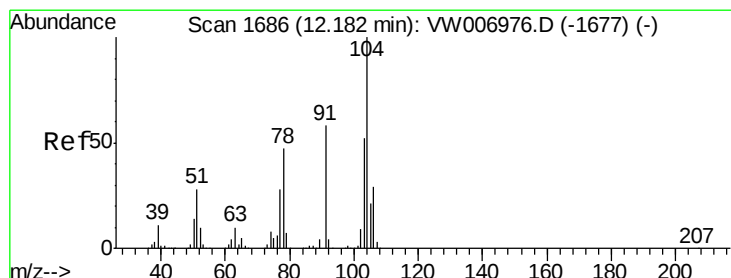
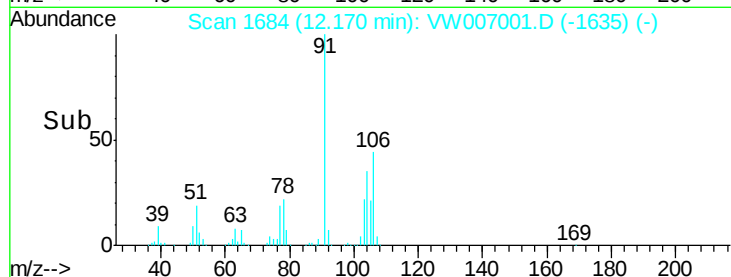
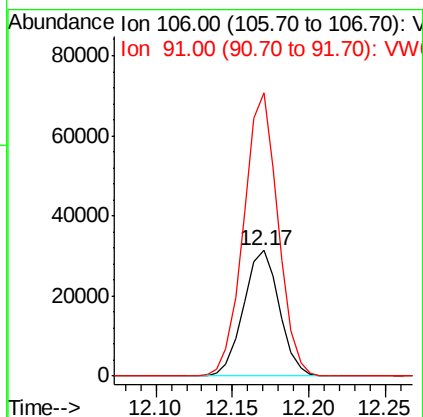
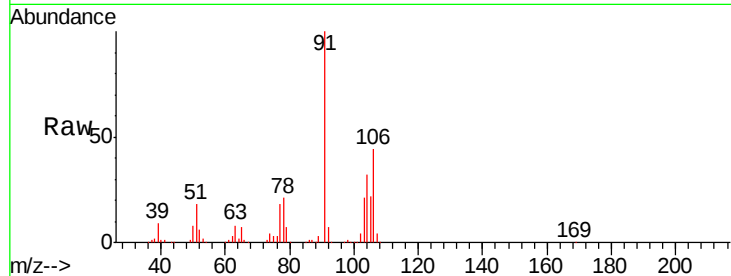




#69
o-Xylene
Concen: 21.44 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

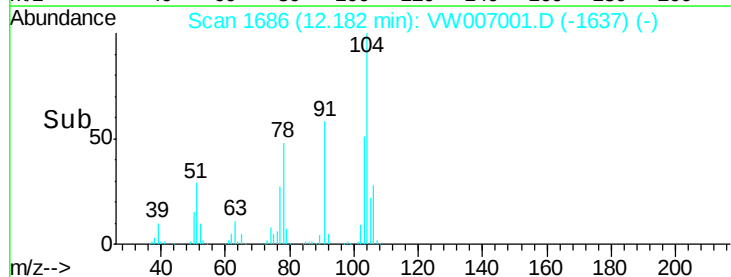
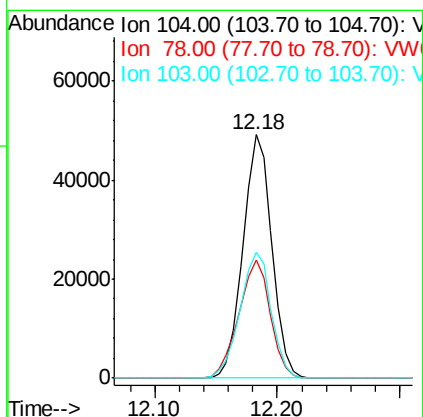
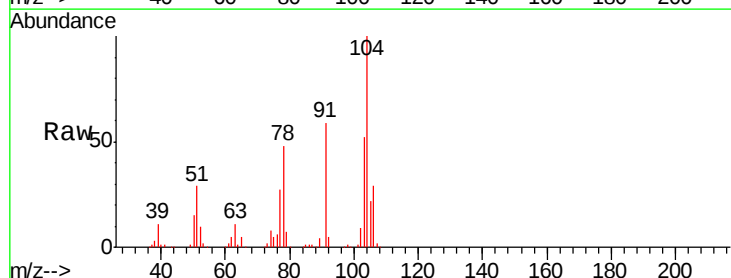
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

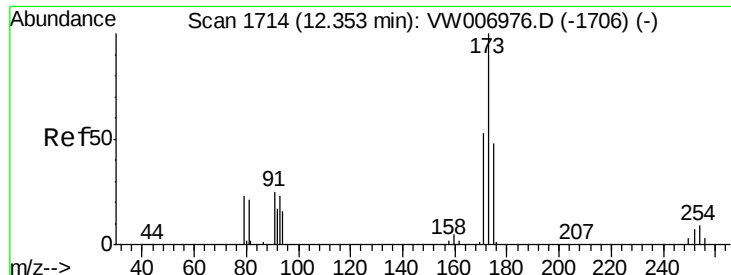
Tgt Ion:106 Resp: 50966
Ion Ratio Lower Upper
106 100
91 216.3 107.9 323.8



#70
Styrene
Concen: 21.27 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:104 Resp: 80469
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 55.7 44.4 66.6





#71

Bromoform

Concen: 18.97 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

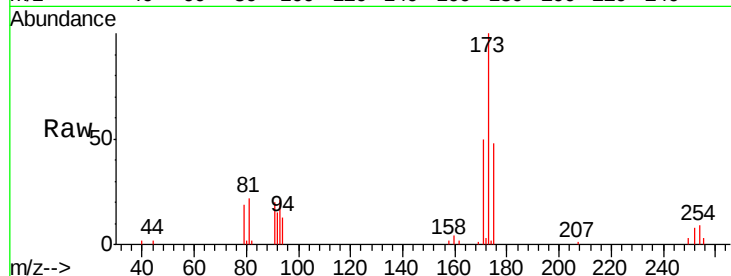
Tgt Ion:173 Resp: 9458

Ion Ratio Lower Upper

173 100

175 51.6 24.0 72.0

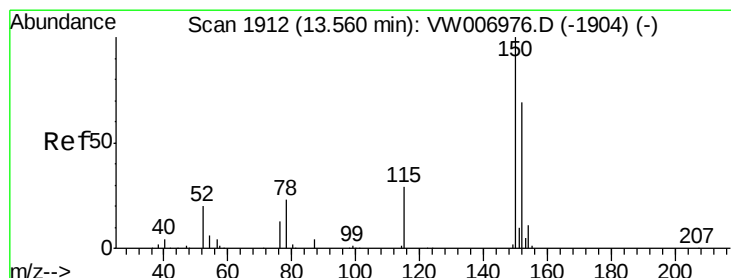
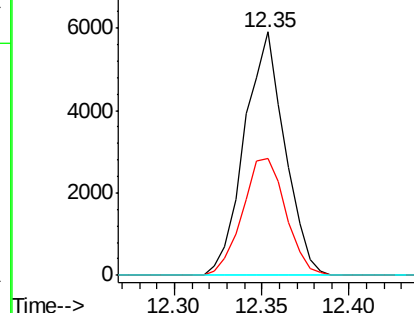
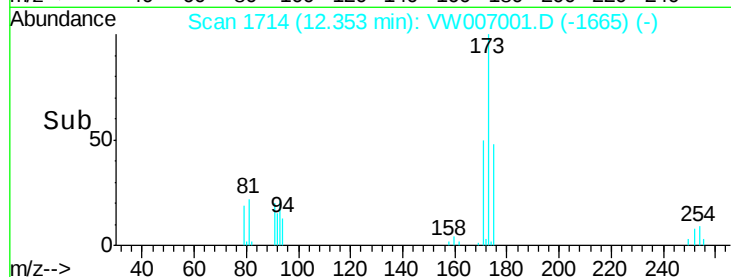
254 0.0 0.0 0.0



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: VW007001.D

Acq: 21 Nov 2018 15:52

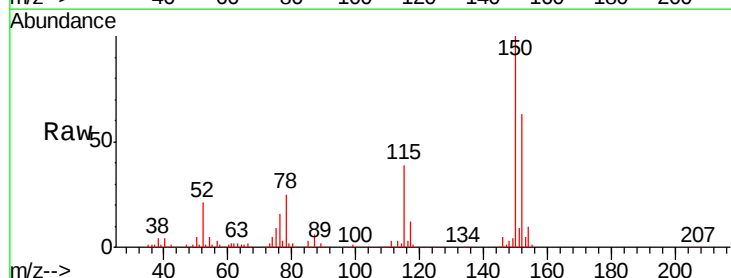
Tgt Ion:152 Resp: 82369

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

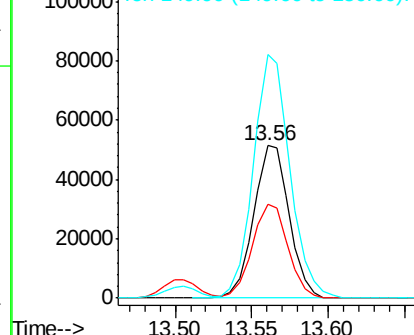
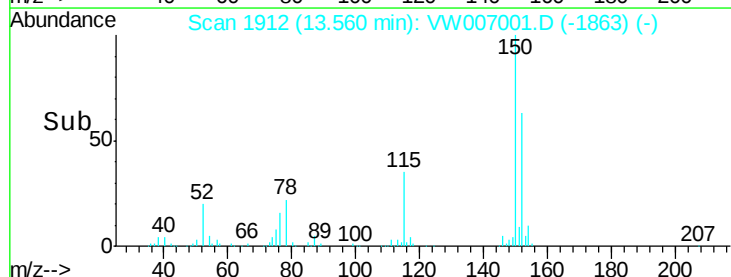
150 165.6 0.0 353.4

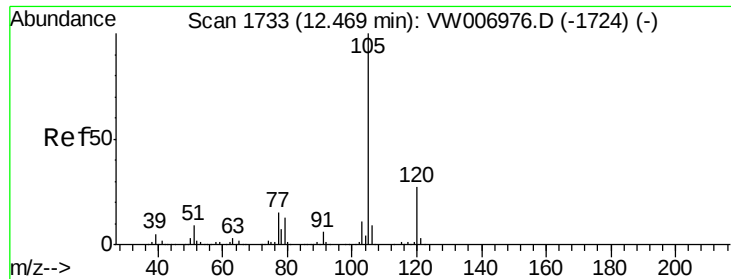


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.06 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

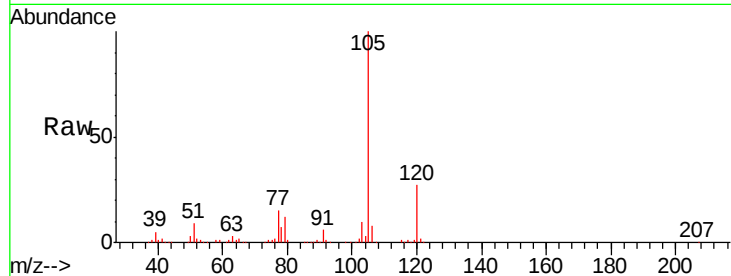
VW1122SBSD01

Tgt Ion:105 Resp: 141207

Ion Ratio Lower Upper

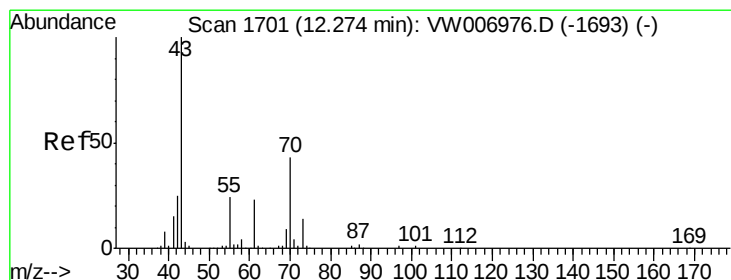
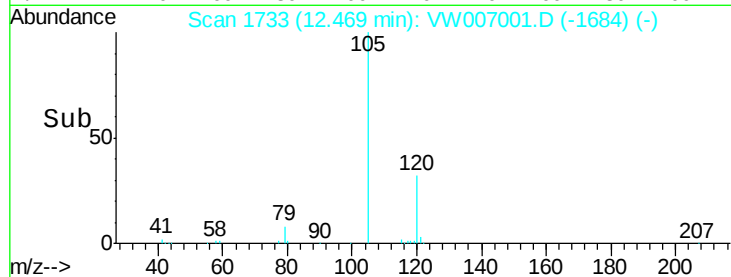
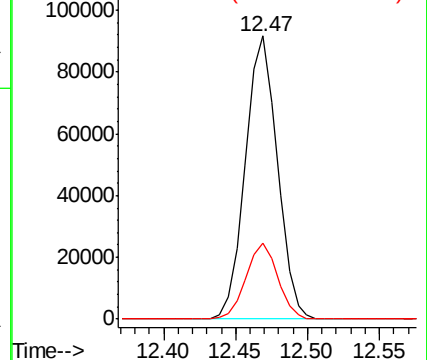
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.99 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Tgt Ion: 43 Resp: 21447

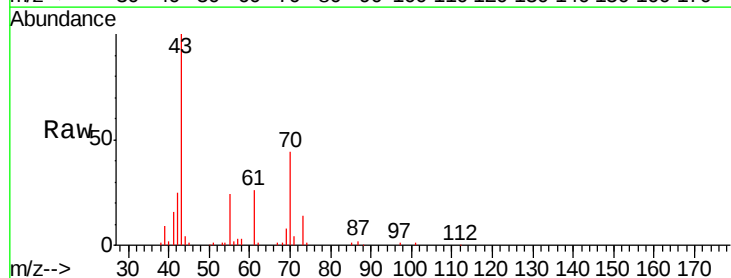
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 25.0 19.4 29.0

61 25.8 19.4 29.2

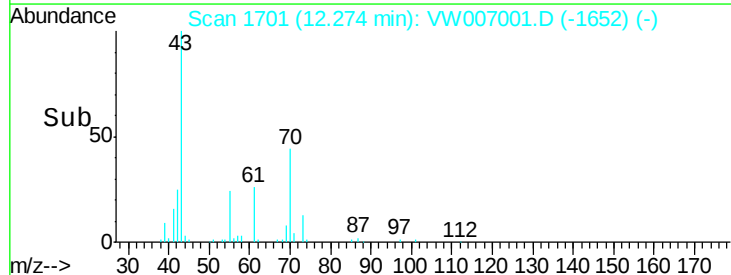
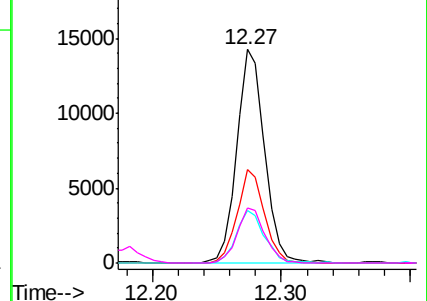


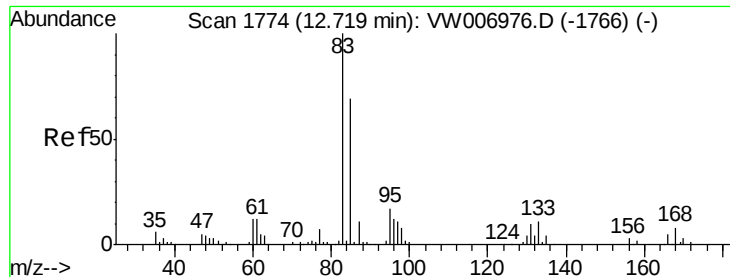
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.32 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBSD01

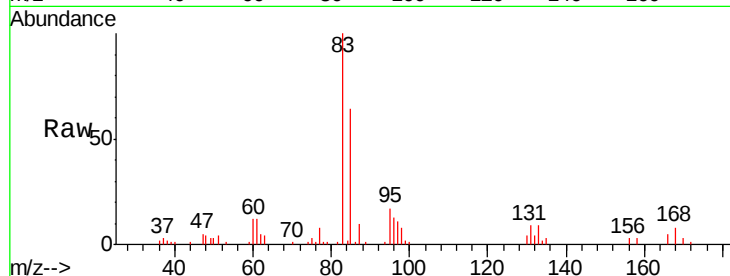
Tgt Ion: 83 Resp: 17312

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

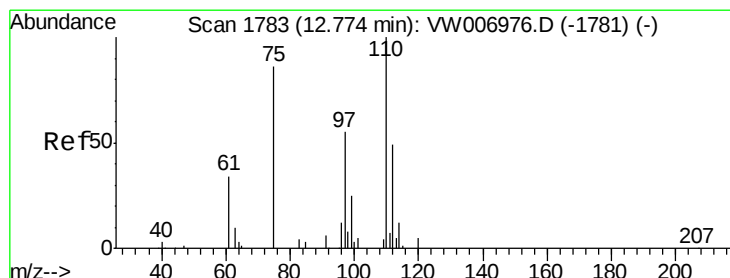
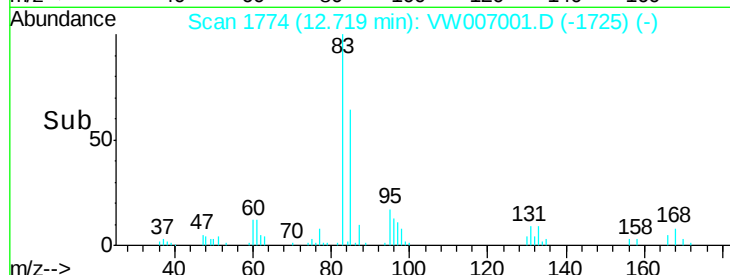
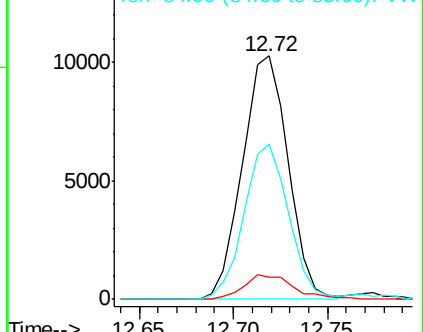
85 61.9 33.1 99.2



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: 36.59 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007001.D

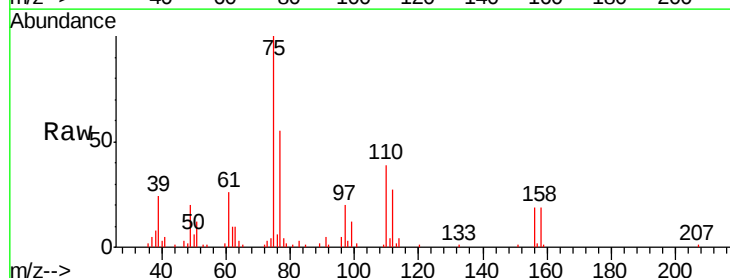
Acq: 21 Nov 2018 15:52

Tgt Ion: 75 Resp: 23682

Ion Ratio Lower Upper

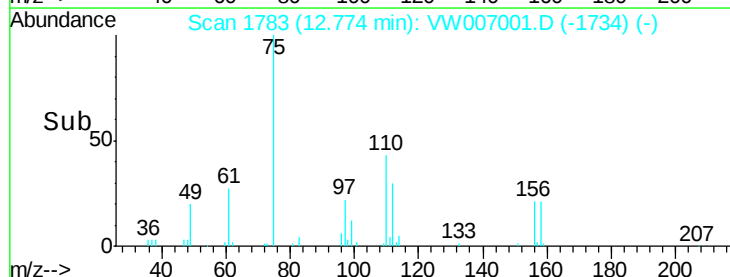
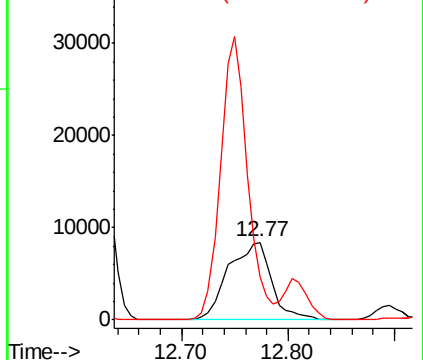
75 100

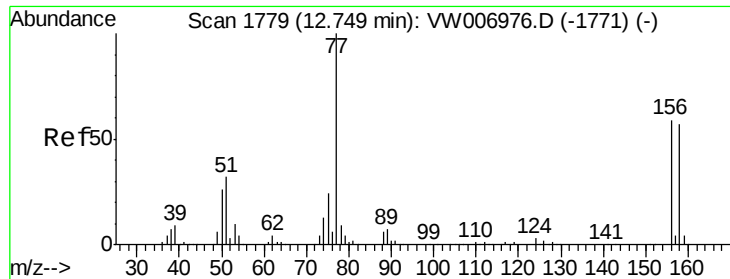
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.21 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

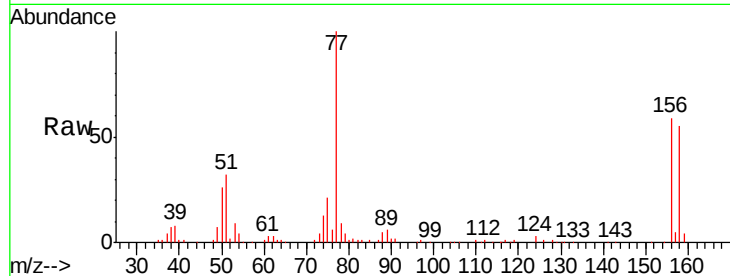
Tgt Ion: 156 Resp: 29165

Ion Ratio Lower Upper

156 100

77 186.4 94.6 283.8

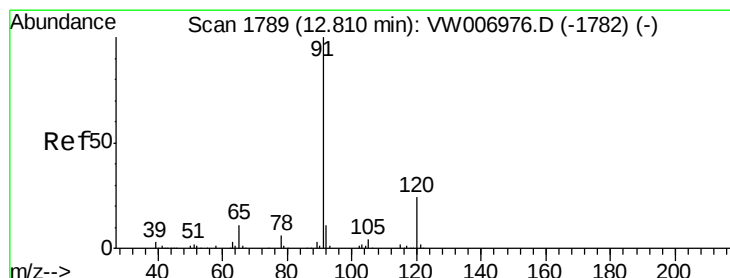
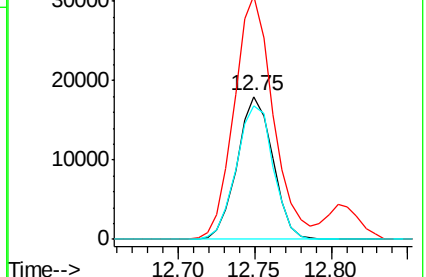
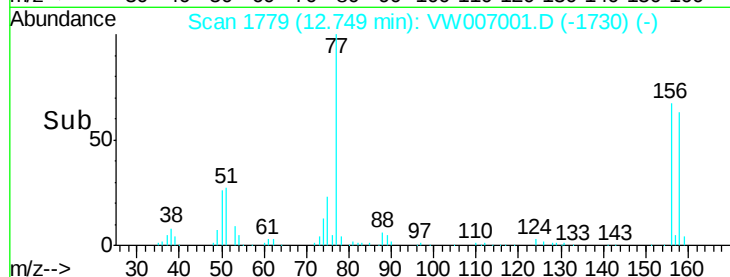
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.08 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007001.D

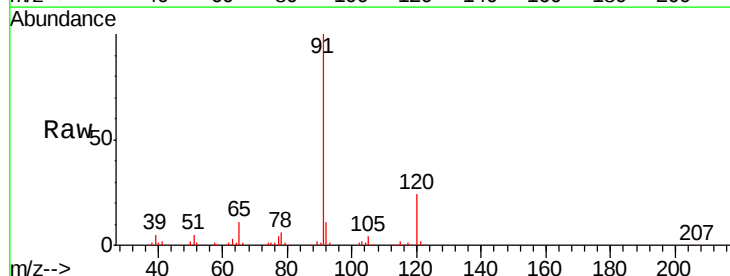
Acq: 21 Nov 2018 15:52

Tgt Ion: 91 Resp: 171247

Ion Ratio Lower Upper

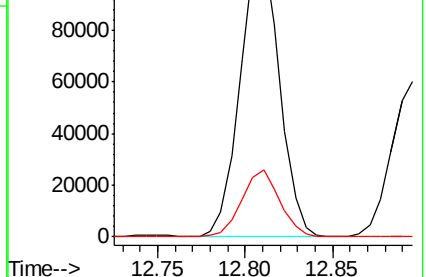
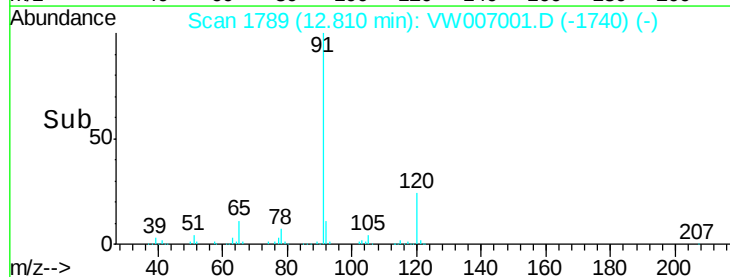
91 100

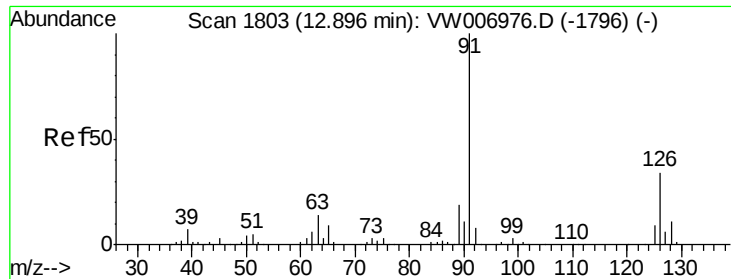
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.55 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

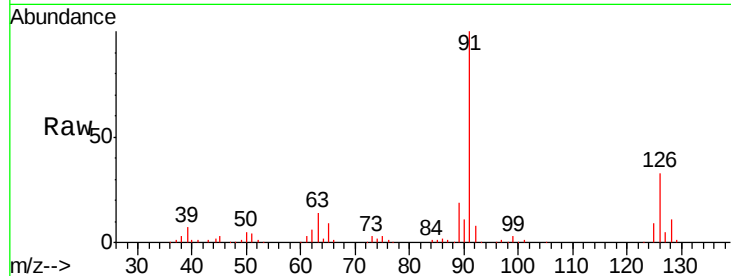
VW1122SBSD01

Tgt Ion: 91 Resp: 96373

Ion Ratio Lower Upper

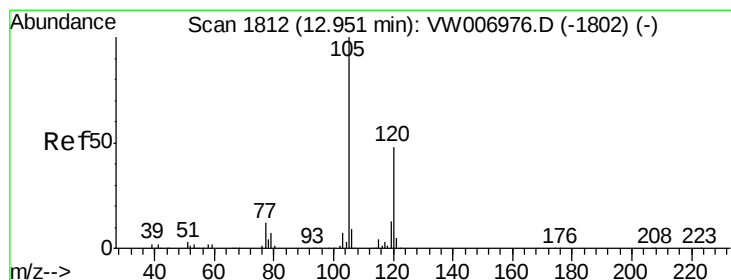
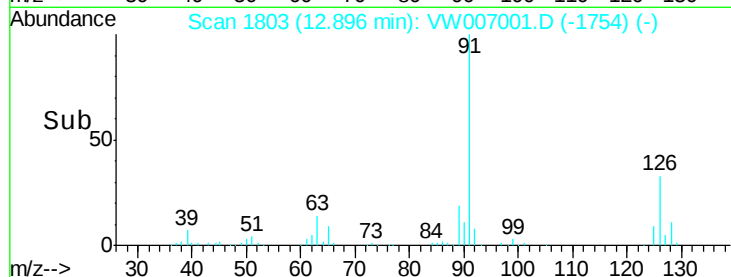
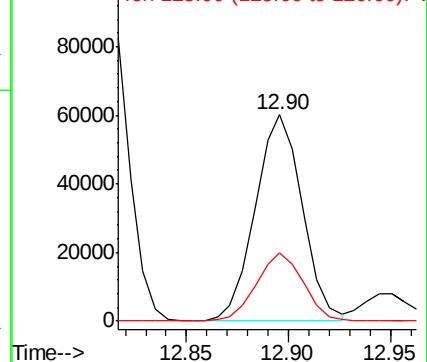
91 100

126 33.3 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.52 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007001.D

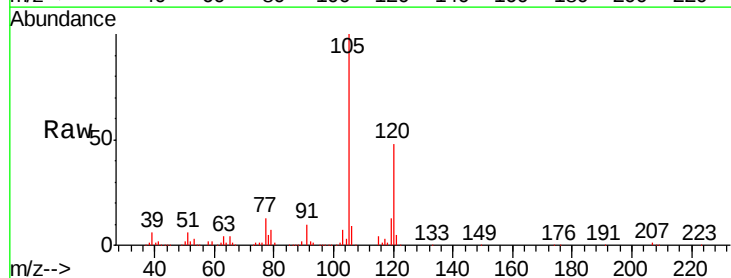
Acq: 21 Nov 2018 15:52

Tgt Ion: 105 Resp: 119141

Ion Ratio Lower Upper

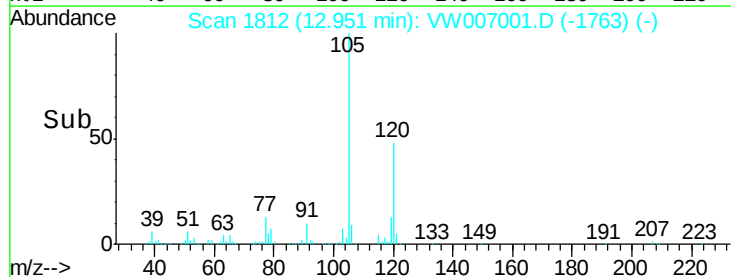
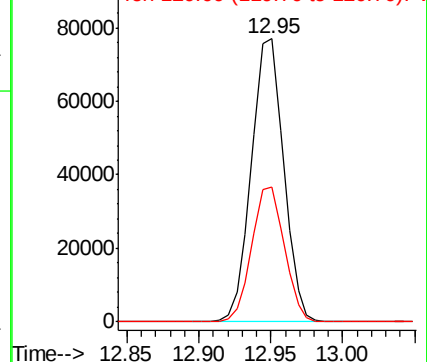
105 100

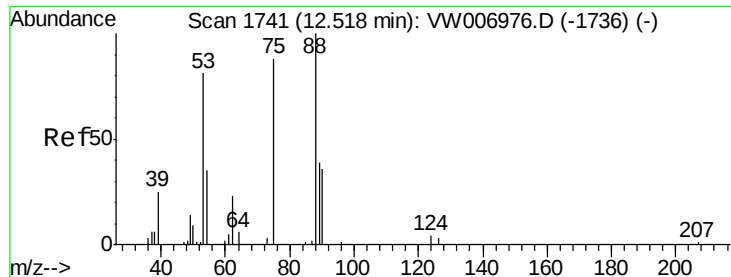
120 48.2 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

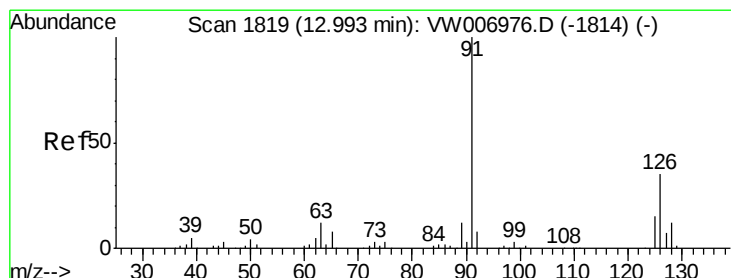
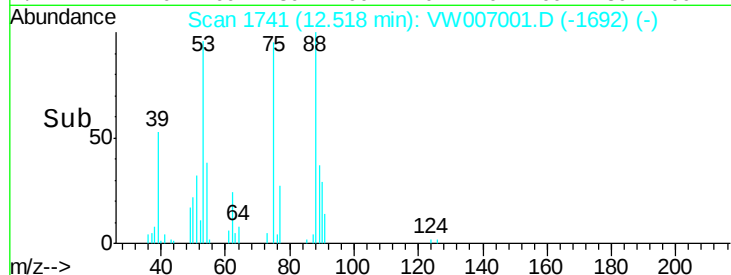
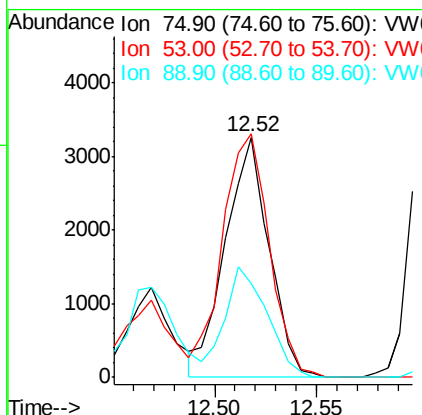
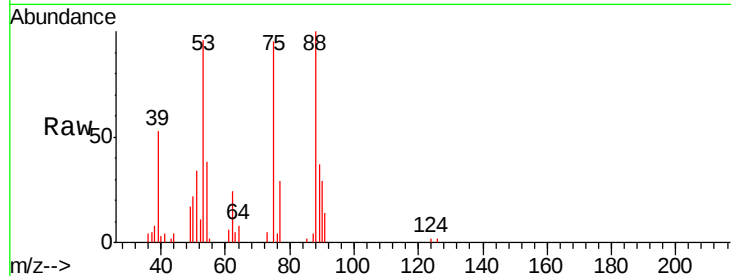




#81
trans-1,4-Dichloro-2-butene
Concen: 18.78 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

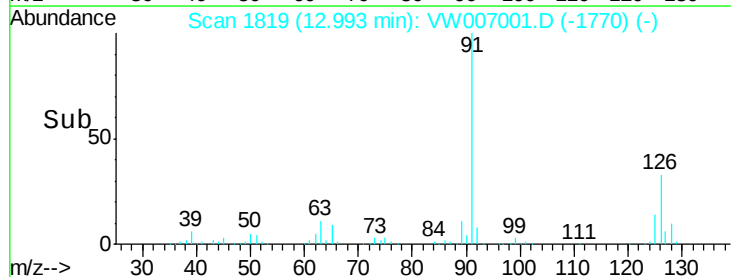
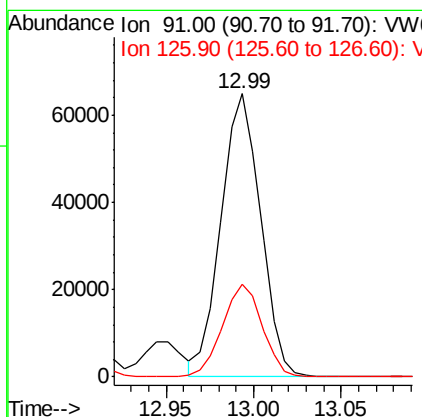
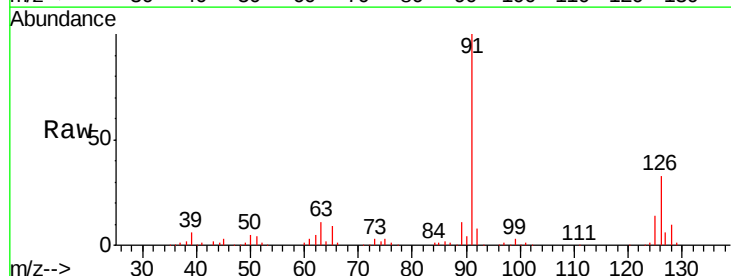
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

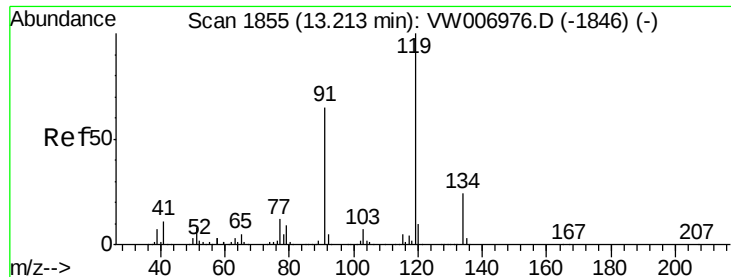
Tgt Ion: 75 Resp: 4841
Ion Ratio Lower Upper
75 100
53 109.1 77.6 116.4
89 44.6 39.3 58.9



#82
4-Chlorotoluene
Concen: 21.78 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 91 Resp: 102209
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

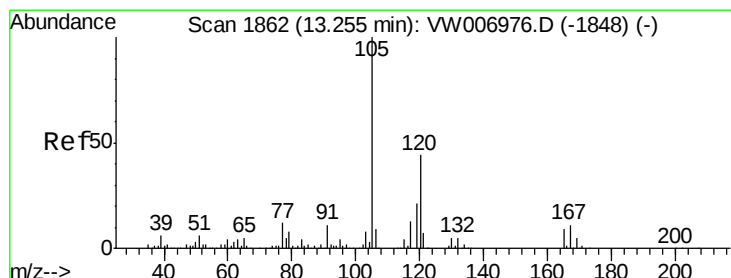
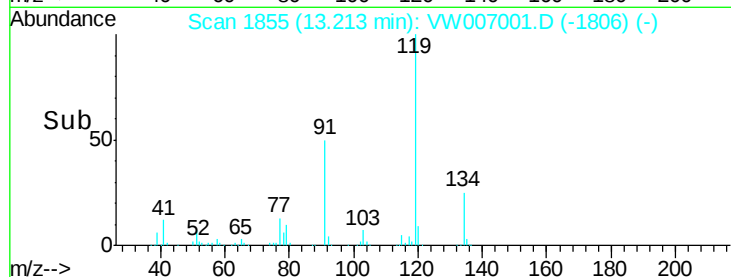
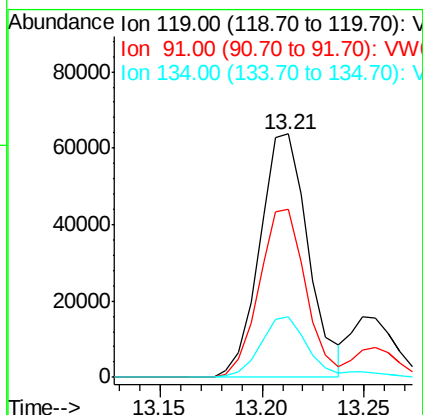
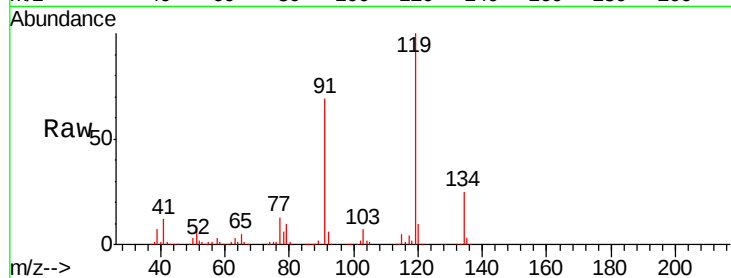




#83
 tert-Butylbenzene
 Concen: 22.04 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

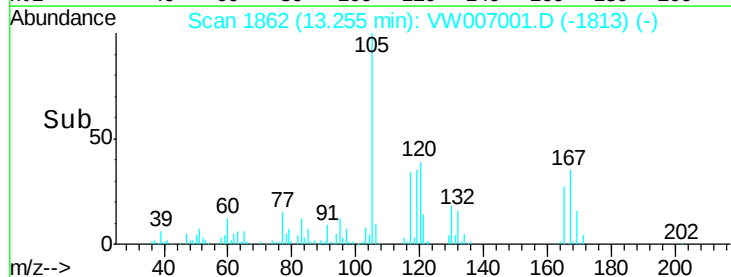
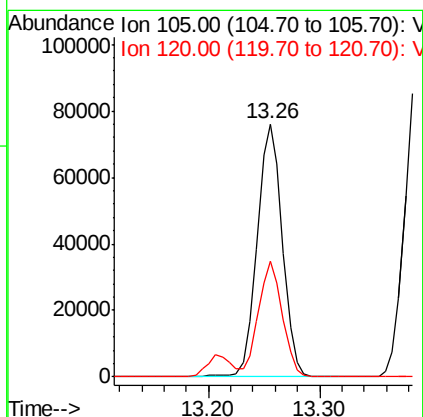
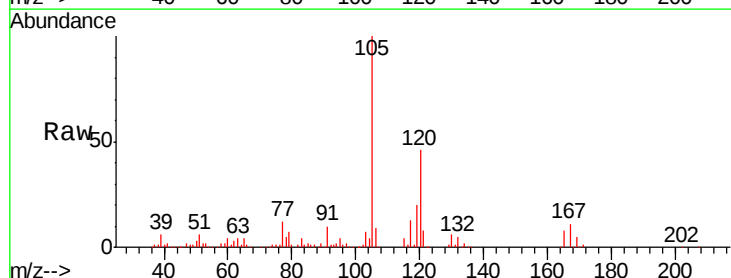
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

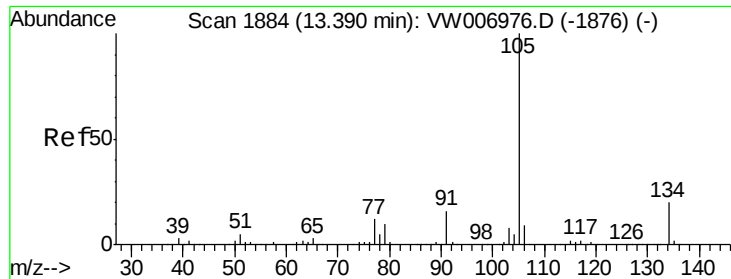
Tgt Ion:119 Resp: 105653
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.5 100.5
 134 25.5 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.67 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion:105 Resp: 119545
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.8 65.3

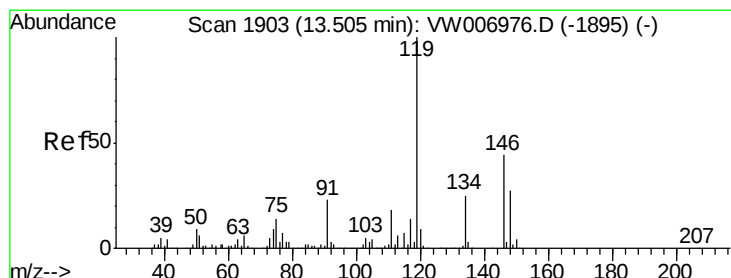
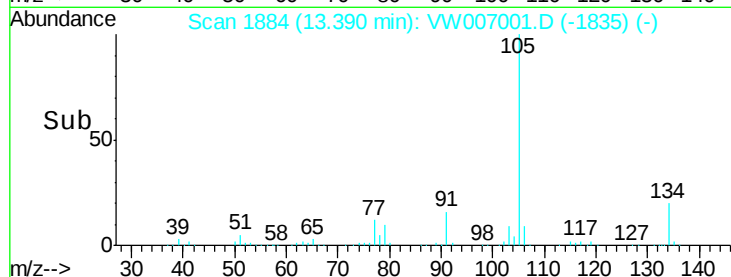
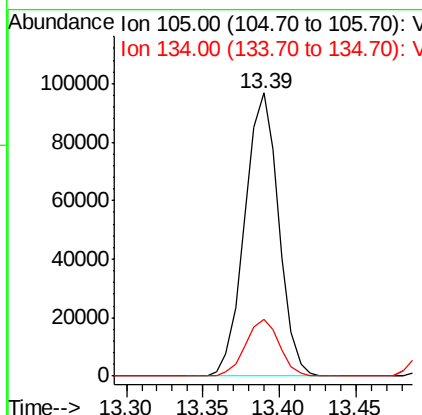
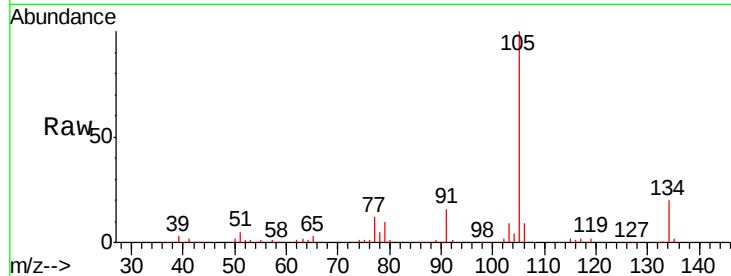




#85
 sec-Butylbenzene
 Concen: 22.00 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

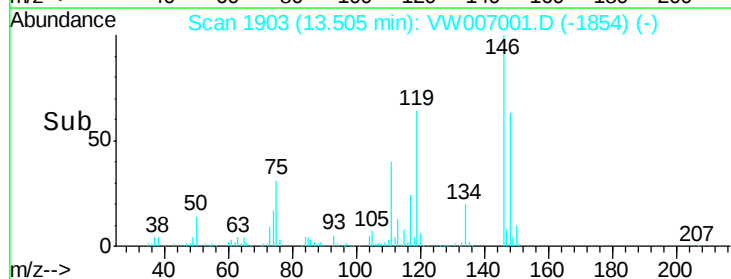
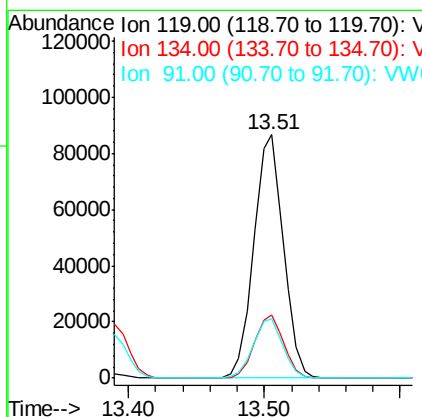
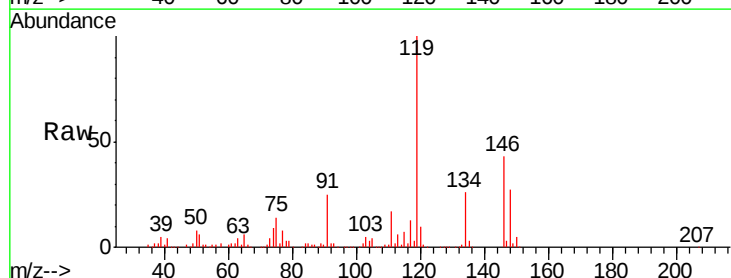
Instrument :
 MSVOA_W
 ClientSampleID :
 VW1122SBSD01

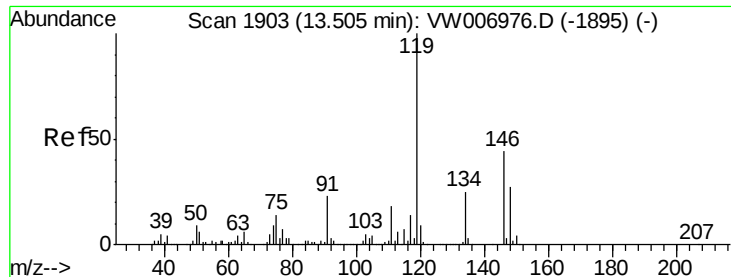
Tgt Ion:105 Resp: 148982
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.15 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion:119 Resp: 132301
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.6 12.2 36.6

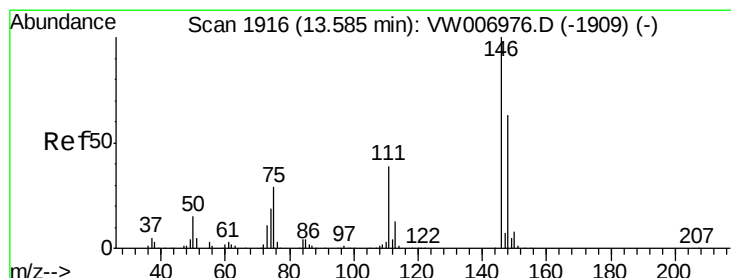
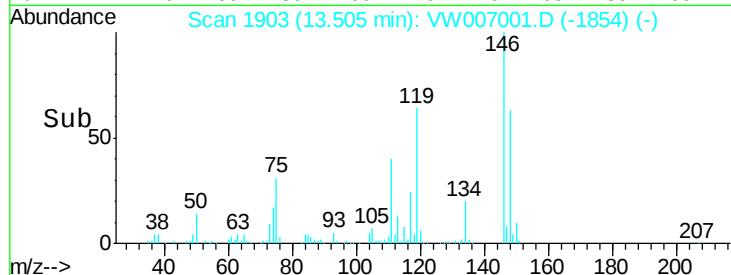
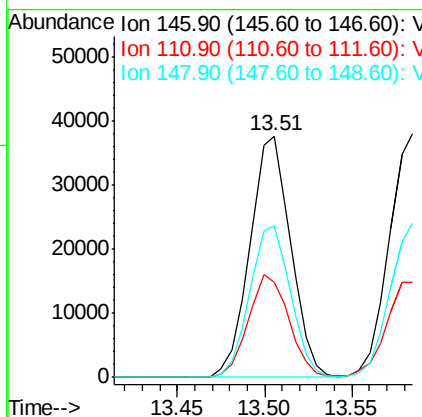
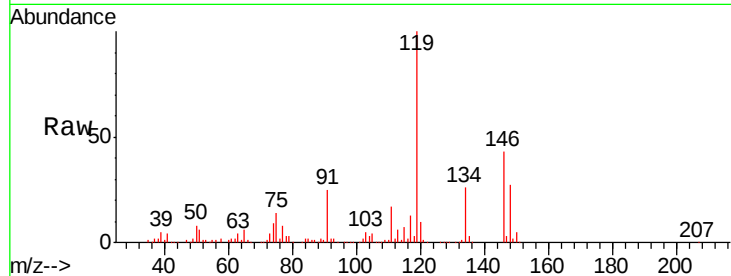




#87
 1,3-Dichlorobenzene
 Concen: 21.67 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

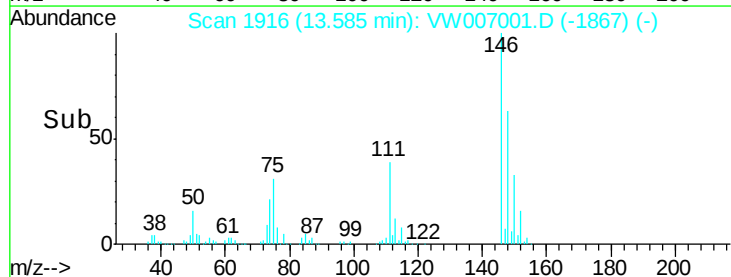
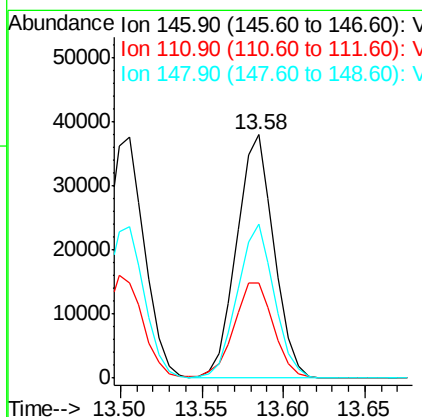
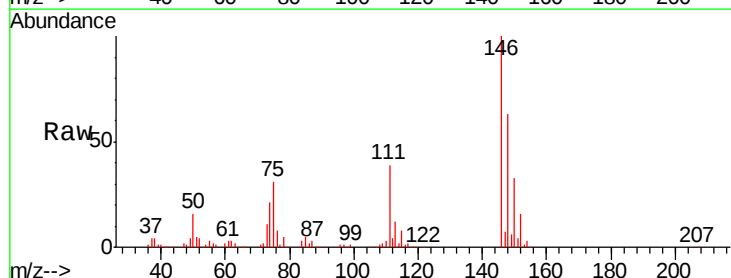
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

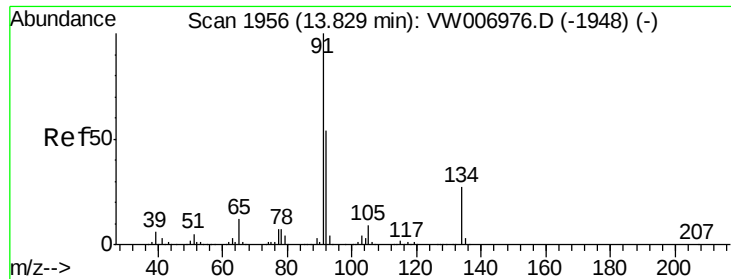
Tgt Ion:146 Resp: 60824
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.3
 148 63.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.57 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion:146 Resp: 60375
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 62.6 32.3 96.8

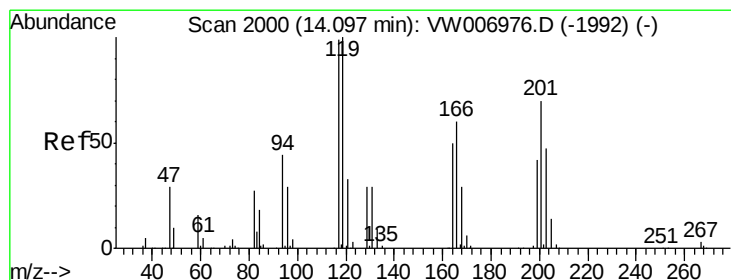
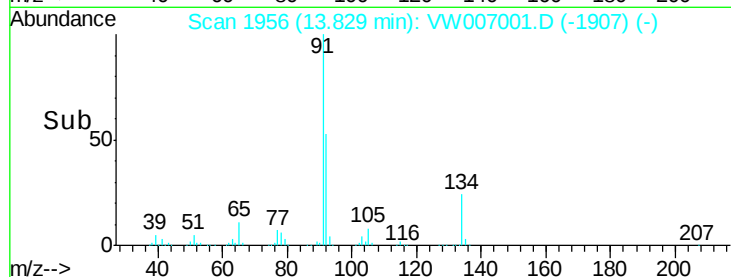
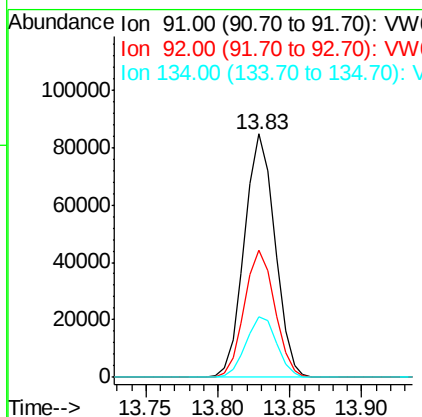
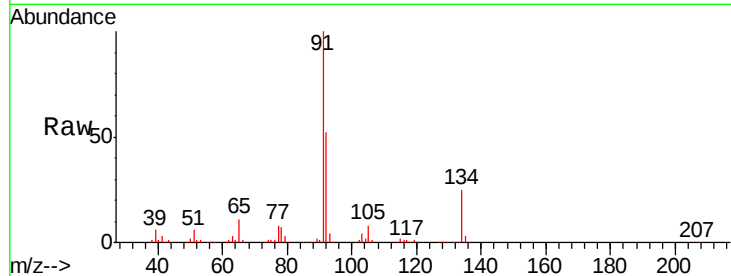




#89
n-Butylbenzene
Concen: 22.14 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

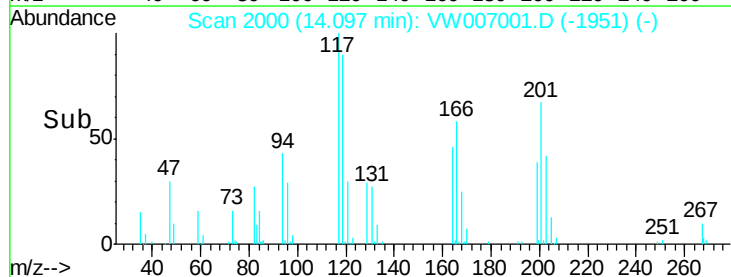
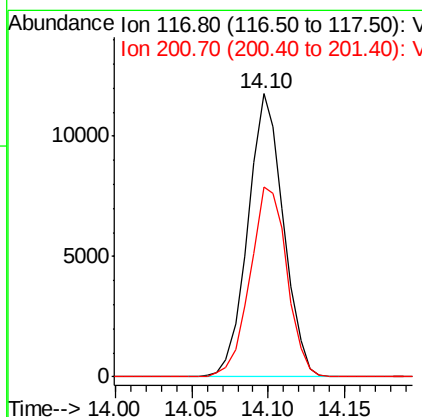
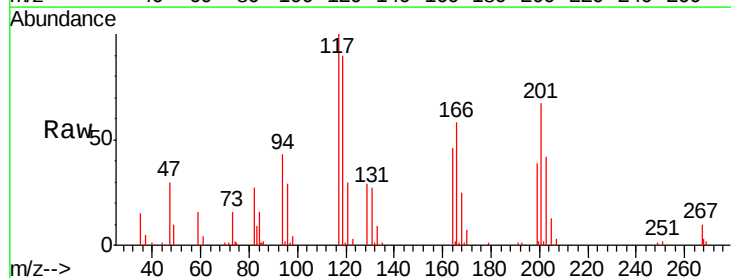
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

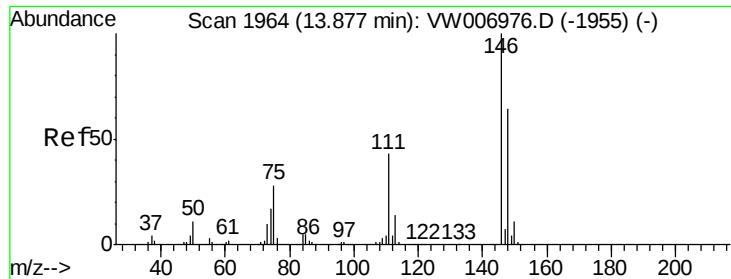
Tgt Ion: 91 Resp: 124469
Ion Ratio Lower Upper
91 100
92 52.1 26.8 80.4
134 25.3 13.3 39.8



#90
Hexachloroethane
Concen: 21.77 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion: 117 Resp: 18985
Ion Ratio Lower Upper
117 100
201 69.7 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 21.56 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

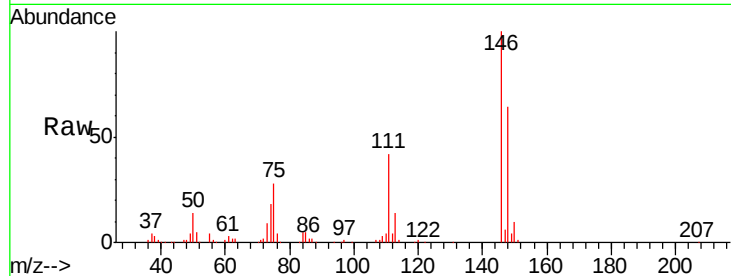
Tgt Ion:146 Resp: 53034

Ion Ratio Lower Upper

146 100

111 42.8 21.9 65.7

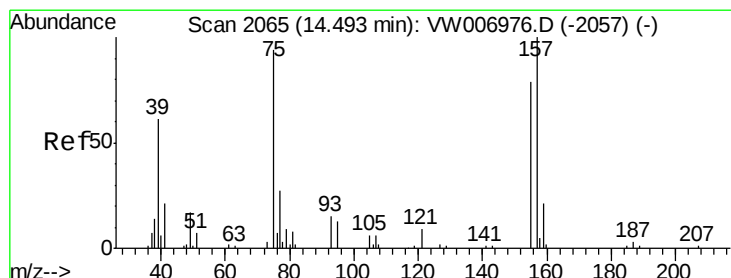
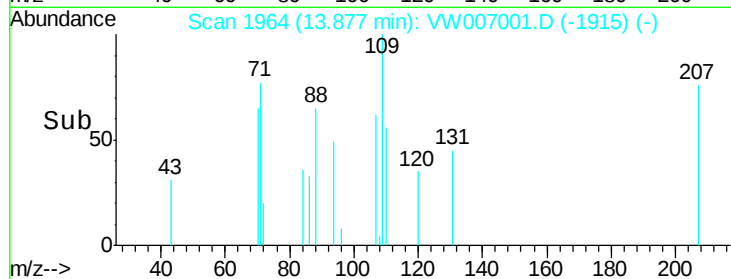
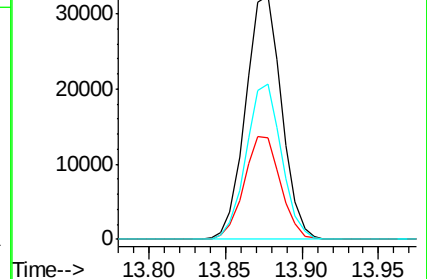
148 62.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.36 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007001.D

Acq: 21 Nov 2018 15:52

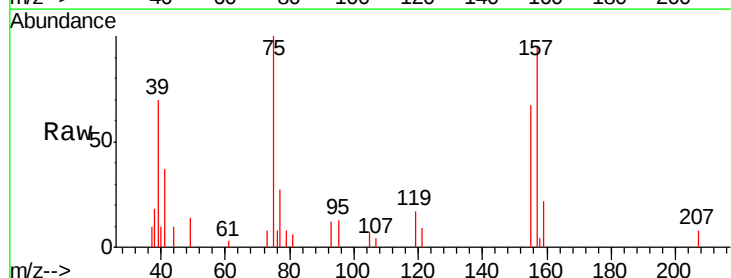
Tgt Ion: 75 Resp: 2786

Ion Ratio Lower Upper

75 100

155 79.6 42.6 127.8

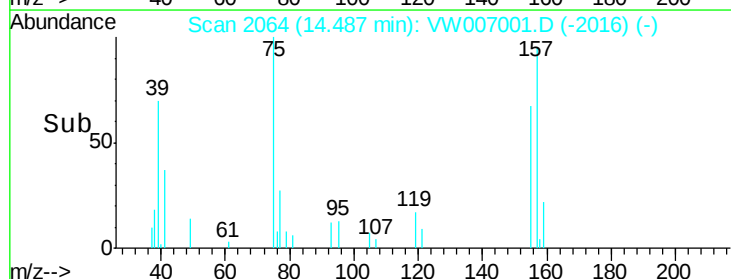
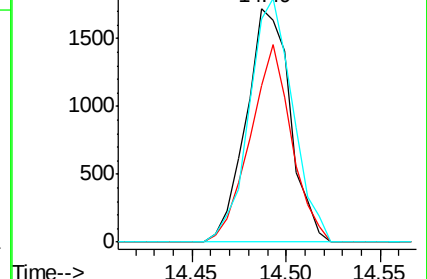
157 103.5 55.0 165.0

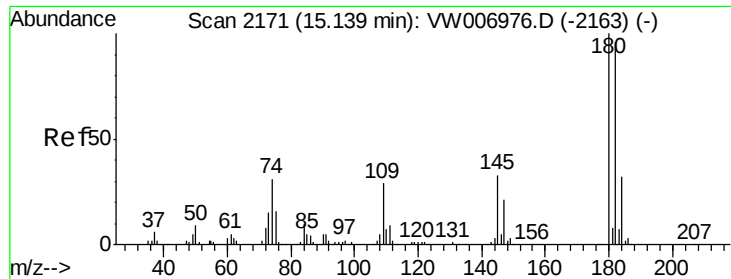


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

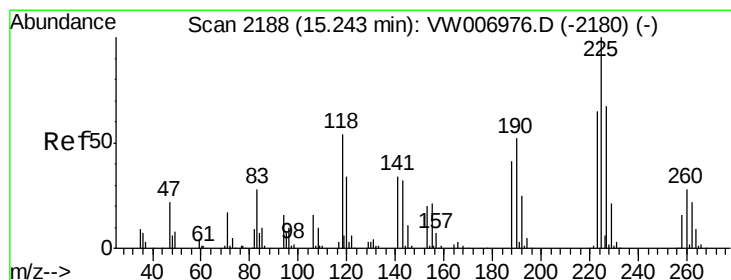
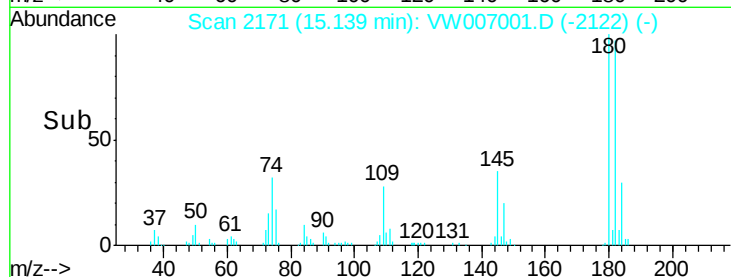
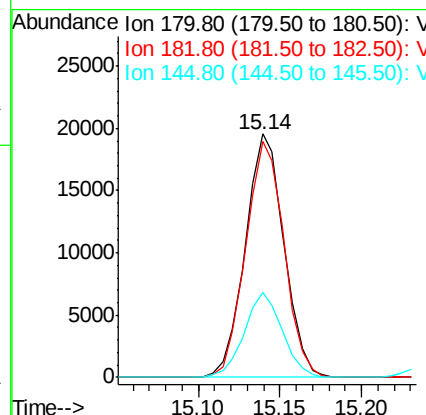
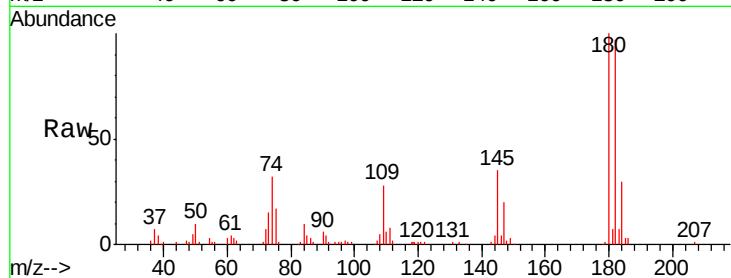




#93
 1,2,4-Trichlorobenzene
 Concen: 19.88 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

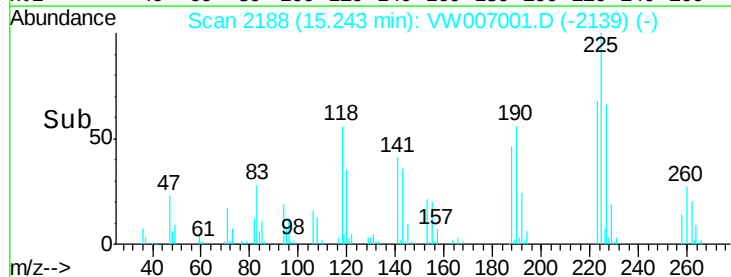
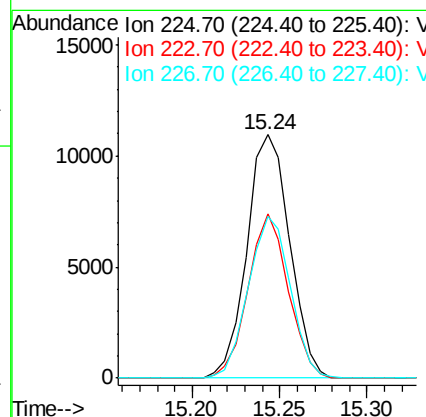
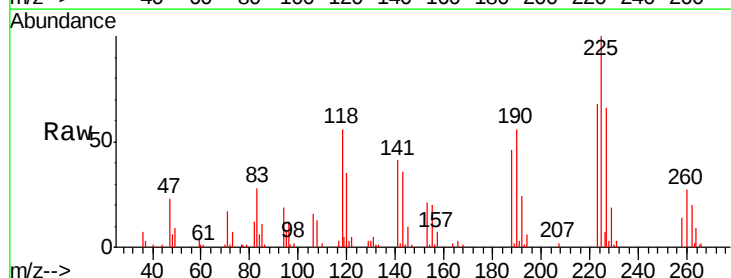
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBSD01

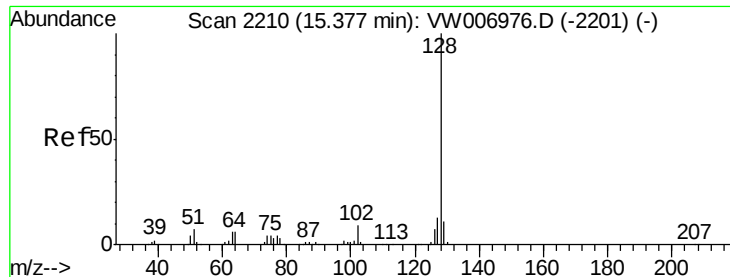
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.1	141.3
145	34.4	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 21.10 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007001.D
 Acq: 21 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.4	97.0
227	65.2	31.9	95.5

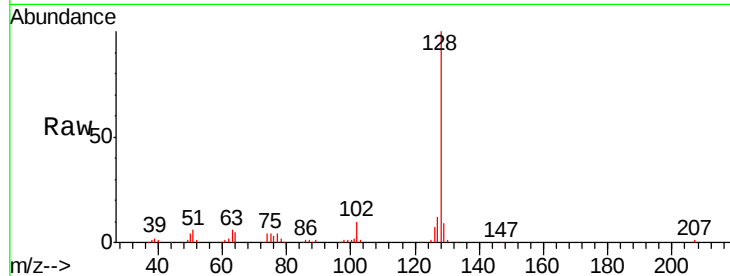




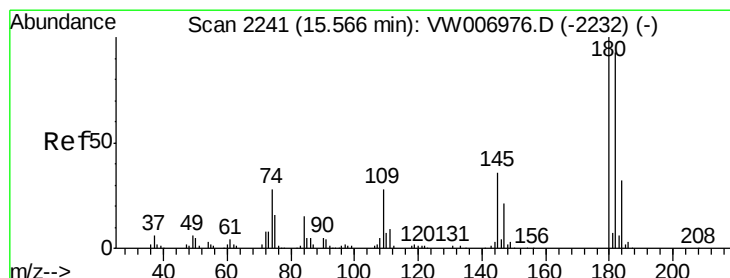
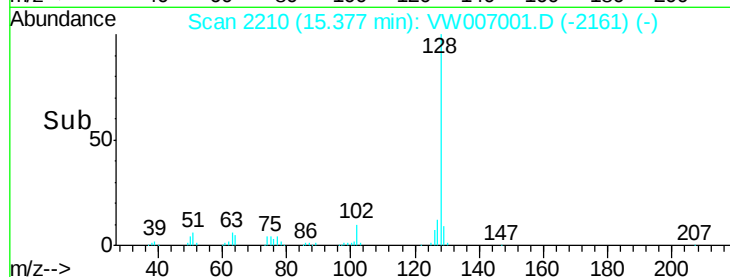
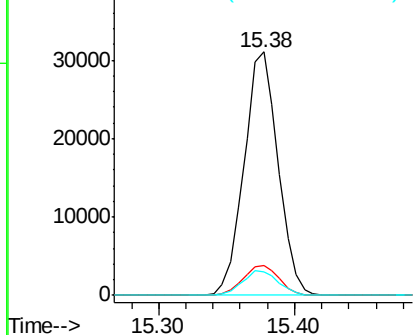
#95
Naphthalene
Concen: 18.50 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBSD01

Tgt Ion:128 Resp: 54473
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1

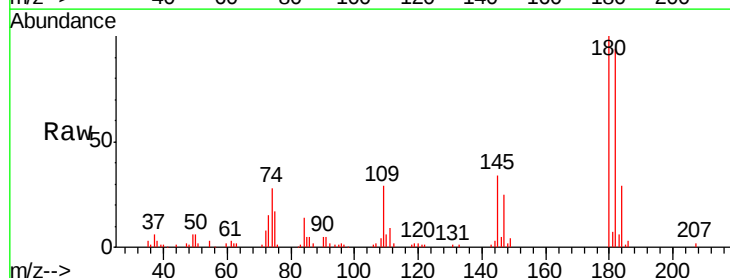


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.90 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007001.D
Acq: 21 Nov 2018 15:52

Tgt Ion:180 Resp: 26783
Ion Ratio Lower Upper
180 100
182 96.3 47.0 141.2
145 35.0 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

