

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007039.D
 Acq On : 26 Nov 2018 11:45
 Operator : VAY/AP
 Sample : VW1126SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Quant Time: Nov 26 15:08:41 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	117268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	177659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57500	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	52448	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.32	98	236711	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	90915	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28061	24.24	ug/l	96
3) Chloromethane	2.21	50	22514	23.33	ug/l	97
4) Vinyl Chloride	2.36	62	21582	22.73	ug/l	97
5) Bromomethane	2.78	94	10877	21.47	ug/l	87
6) Chloroethane	2.92	64	11463	21.90	ug/l	94
7) Trichlorofluoromethane	3.26	101	41987	22.49	ug/l	92
8) Diethyl Ether	3.68	74	12170	20.23	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	26765	22.12	ug/l	99
10) Methyl Iodide	4.27	142	26323	19.00	ug/l	98
11) Tert butyl alcohol	5.20	59	8250	110.38	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	23299	21.95	ug/l	95
13) Acrolein	3.90	56	7477	97.42	ug/l	96
14) Allyl chloride	4.67	41	36233	20.58	ug/l	98
15) Acrylonitrile	5.38	53	22183	98.12	ug/l	99
16) Acetone	4.14	43	16916	101.48	ug/l	89
17) Carbon Disulfide	4.38	76	74860	21.81	ug/l	97
18) Methyl Acetate	4.68	43	10343	17.42	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	56298	20.31	ug/l	96
20) Methylene Chloride	4.92	84	27126	16.84	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	26405	21.36	ug/l	99
22) Diisopropyl ether	6.31	45	70059	20.45	ug/l	98
23) Vinyl Acetate	6.26	43	192884	106.00	ug/l	99
24) 1,1-Dichloroethane	6.21	63	42804	20.53	ug/l	99
25) 2-Butanone	7.18	43	27434	96.09	ug/l	95
26) 2,2-Dichloropropane	7.17	77	43545	23.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	27295	20.73	ug/l	99
28) Bromochloromethane	7.51	49	14216	18.25	ug/l	99
29) Tetrahydrofuran	7.53	42	17070	92.32	ug/l	99
30) Chloroform	7.68	83	44925	20.29	ug/l	97
31) Cyclohexane	7.95	56	48315	21.85	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44856	22.49	ug/l	100
36) 1,1-Dichloropropene	8.09	75	39461	22.73	ug/l	98
37) Ethyl Acetate	7.26	43	12953	20.59	ug/l	96
38) Carbon Tetrachloride	8.07	117	40485	24.35	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007039.D
 Acq On : 26 Nov 2018 11:45
 Operator : VAY/AP
 Sample : VW1126SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Quant Time: Nov 26 15:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48192	22.18	ug/l	93
40) Benzene	8.32	78	101580	21.68	ug/l	100
41) Methacrylonitrile	7.49	41	7808	19.98	ug/l	97
42) 1,2-Dichloroethane	8.40	62	28157	20.69	ug/l	99
43) Isopropyl Acetate	8.43	43	23568	19.66	ug/l	99
44) Trichloroethene	9.09	130	29504	22.46	ug/l	92
45) 1,2-Dichloropropane	9.37	63	24537	21.24	ug/l	96
46) Dibromomethane	9.46	93	12137	20.98	ug/l	99
47) Bromodichloromethane	9.65	83	33768	22.15	ug/l	97
48) Methyl methacrylate	9.44	41	11226	19.42	ug/l	98
49) 1,4-Dioxane	9.46	88	3514	408.68	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	57547	94.98	ug/l	99
52) Toluene	10.39	92	68472	21.47	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	31296	21.20	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	38961	21.84	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	18036	21.19	ug/l	98
56) Ethyl methacrylate	10.65	69	19931	20.17	ug/l	99
57) 1,3-Dichloropropane	10.93	76	29593	20.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	50607	98.02	ug/l	100
59) 2-Hexanone	10.97	43	40905	98.59	ug/l	99
60) Dibromochloromethane	11.13	129	20929	21.58	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16160	20.75	ug/l	97
64) Tetrachloroethene	10.87	164	24114	22.75	ug/l	95
65) Chlorobenzene	11.66	112	74937	21.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	23270	22.37	ug/l	98
67) Ethyl Benzene	11.73	91	138585	21.93	ug/l	98
68) m/p-Xylenes	11.84	106	110466	44.56	ug/l	99
69) o-Xylene	12.17	106	50997	21.82	ug/l	99
70) Styrene	12.18	104	81050	21.79	ug/l	99
71) Bromoform	12.35	173	10564	21.55	ug/l #	98
73) Isopropylbenzene	12.47	105	141736	22.08	ug/l	99
74) N-amyl acetate	12.27	43	22125	20.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	16742	19.60	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24561	37.84	ug/l #	100
77) Bromobenzene	12.75	156	29209	21.18	ug/l	99
78) n-propylbenzene	12.81	91	169653	21.82	ug/l	99
79) 2-Chlorotoluene	12.90	91	98025	21.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	122206	22.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5461	21.12	ug/l	97
82) 4-Chlorotoluene	12.99	91	103717	22.04	ug/l	99
83) tert-Butylbenzene	13.21	119	106156	22.09	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	120330	21.76	ug/l	98
85) sec-Butylbenzene	13.39	105	151482	22.31	ug/l	100
86) p-Isopropyltoluene	13.51	119	132406	22.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	62316	22.14	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60676	21.62	ug/l	99
89) n-Butylbenzene	13.83	91	125003	22.17	ug/l	98
90) Hexachloroethane	14.10	117	19580	22.39	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	53069	21.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3043	21.09	ug/l	90

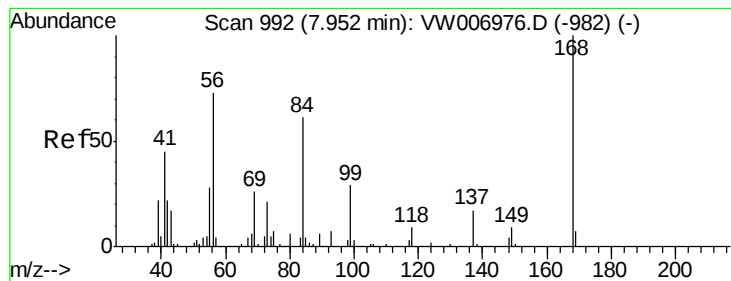
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
Data File : VW007039.D
Acq On : 26 Nov 2018 11:45
Operator : VAY/AP
Sample : VW1126SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Quant Time: Nov 26 15:08:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34038	20.93	ug/l	99
94) Hexachlorobutadiene	15.24	225	20246	22.90	ug/l	95
95) Naphthalene	15.38	128	56378	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	27473	20.36	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

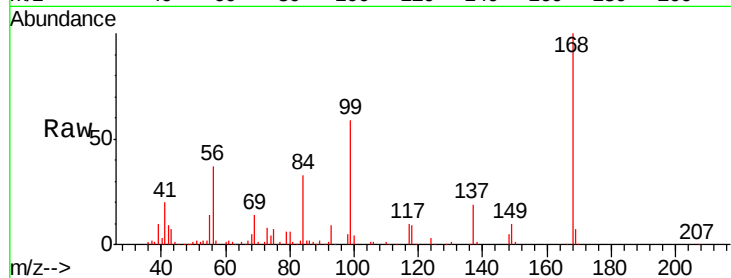
VW1126SBS01

Tgt Ion:168 Resp: 117268

Ion Ratio Lower Upper

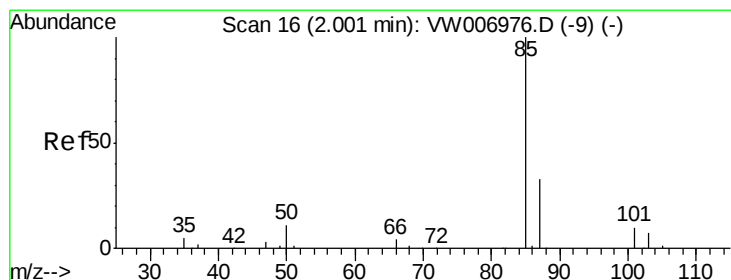
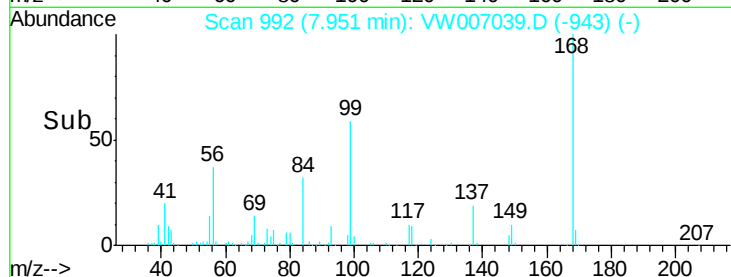
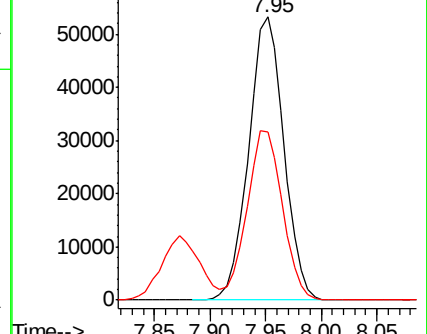
168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 24.24 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007039.D

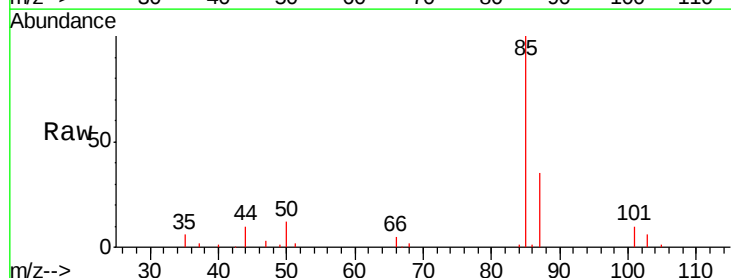
Acq: 26 Nov 2018 11:45

Tgt Ion: 85 Resp: 28061

Ion Ratio Lower Upper

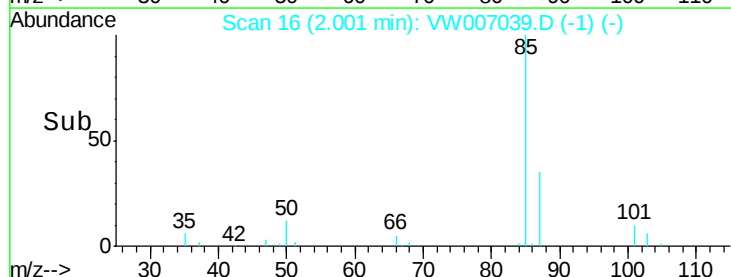
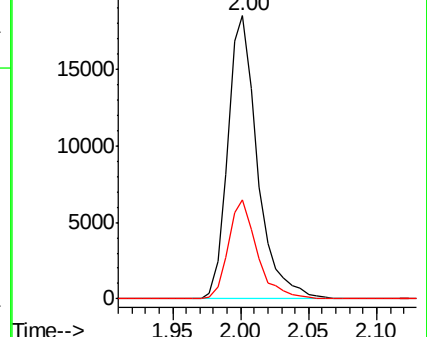
85 100

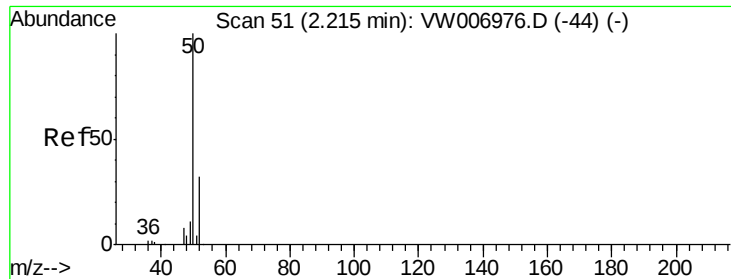
87 34.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.33 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

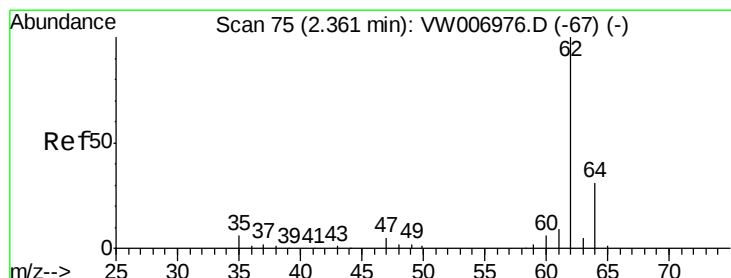
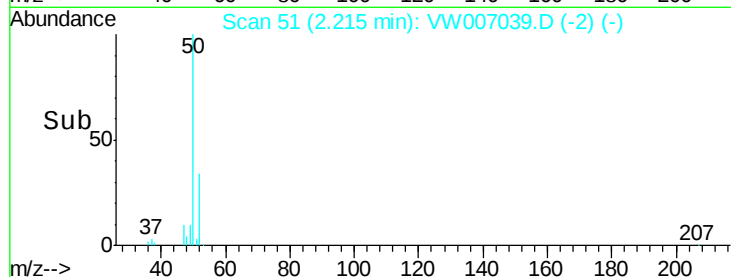
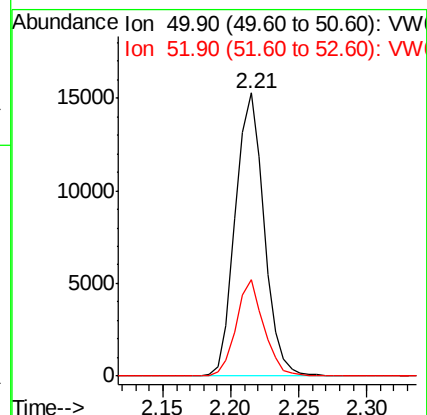
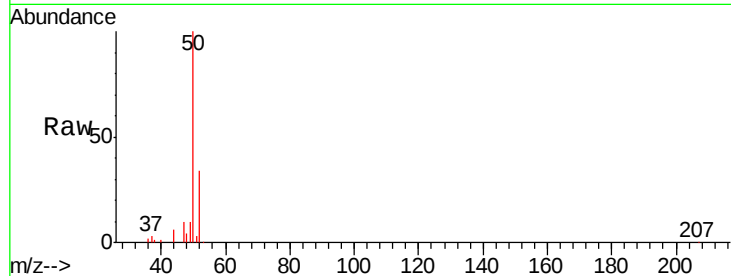
VW1126SBS01

Tgt Ion: 50 Resp: 22514

Ion Ratio Lower Upper

50 100

52 34.0 25.7 38.5



#4

Vinyl Chloride

Concen: 22.73 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007039.D

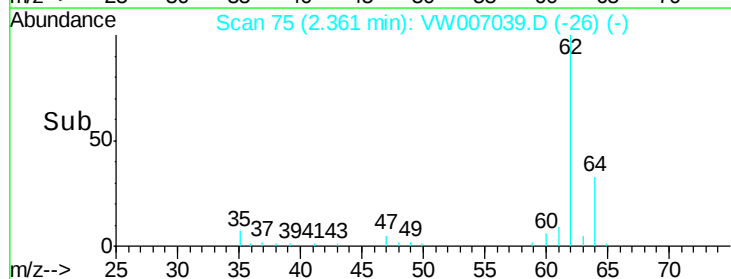
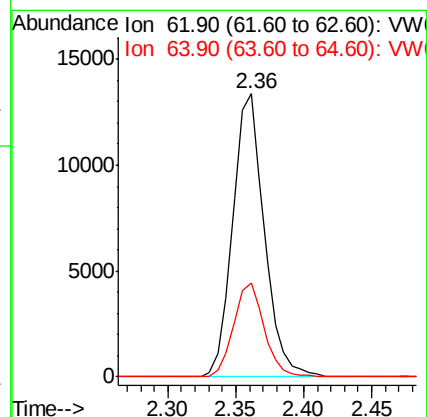
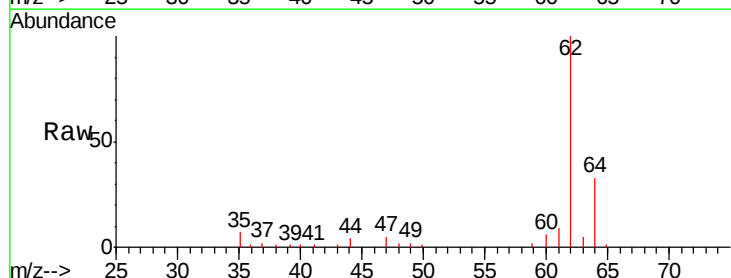
Acq: 26 Nov 2018 11:45

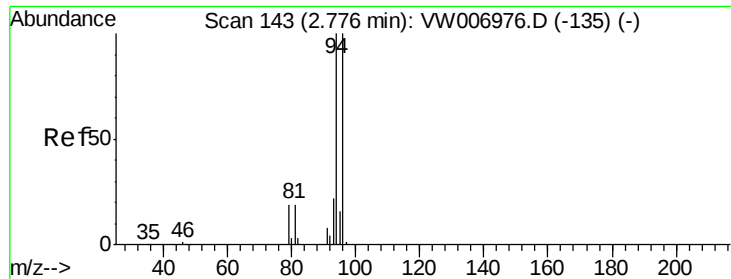
Tgt Ion: 62 Resp: 21582

Ion Ratio Lower Upper

62 100

64 33.2 25.2 37.8





#5

Bromomethane

Concen: 21.47 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

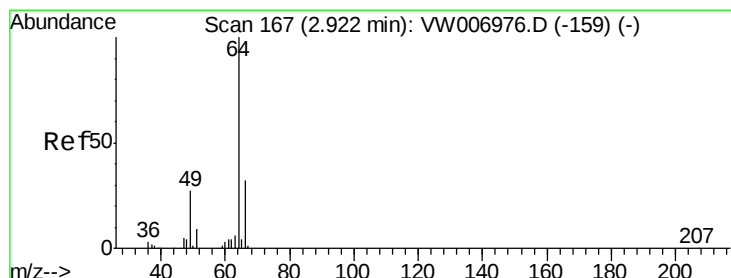
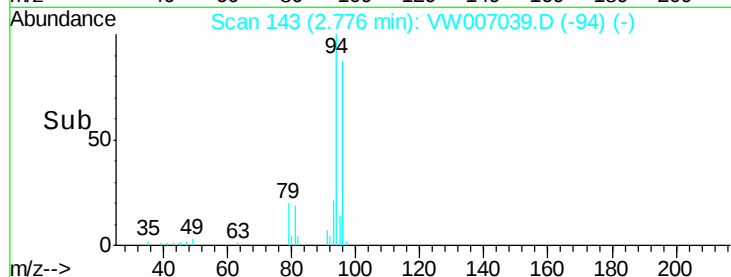
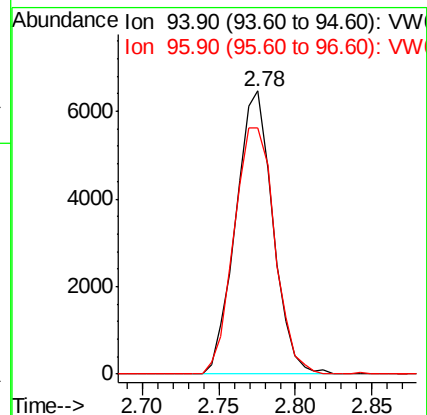
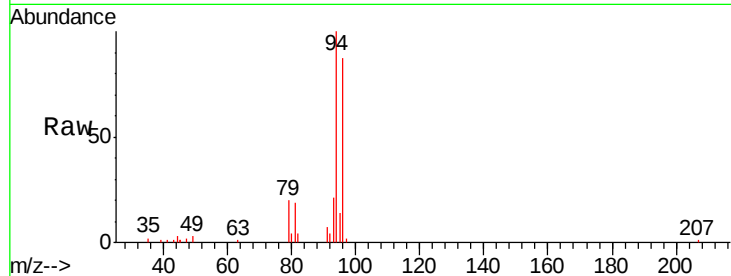
VW1126SBS01

Tgt Ion: 94 Resp: 10877

Ion Ratio Lower Upper

94 100

96 87.2 80.2 120.2



#6

Chloroethane

Concen: 21.90 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007039.D

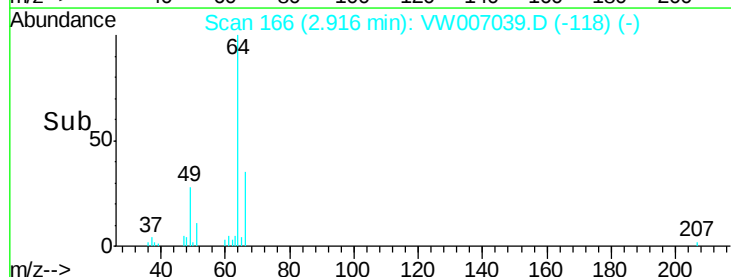
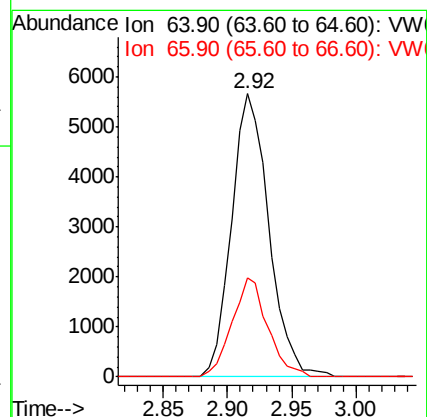
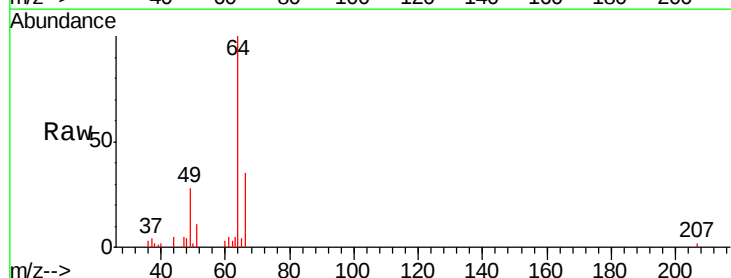
Acq: 26 Nov 2018 11:45

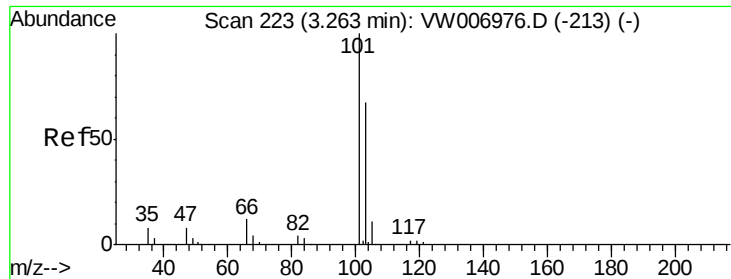
Tgt Ion: 64 Resp: 11463

Ion Ratio Lower Upper

64 100

66 35.2 25.3 37.9



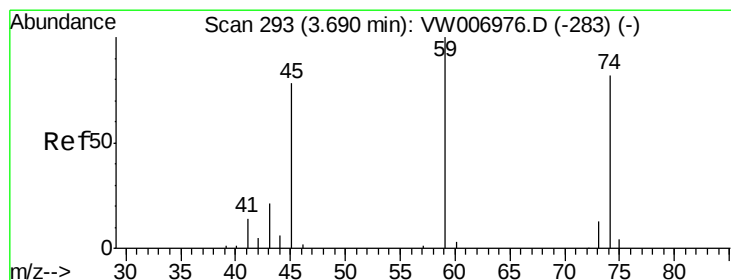
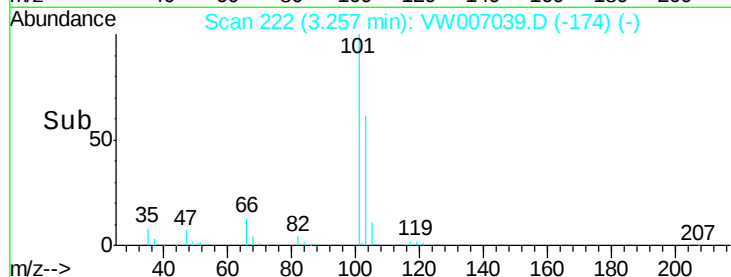
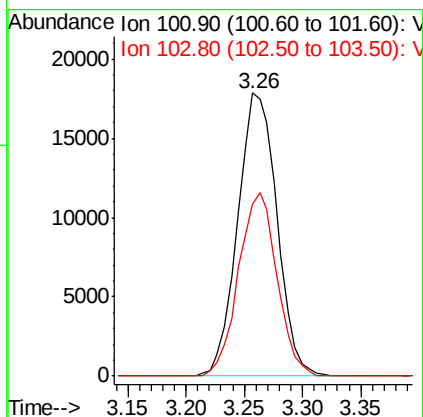
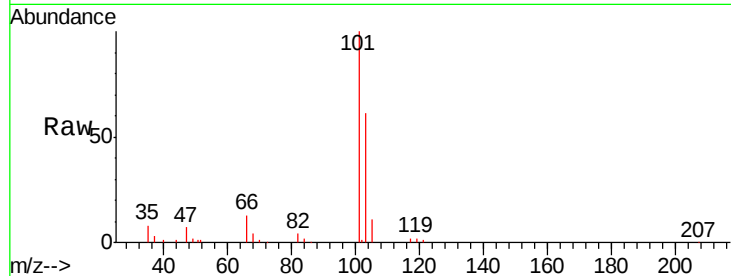


#7

Trichlorofluoromethane
 Concen: 22.49 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

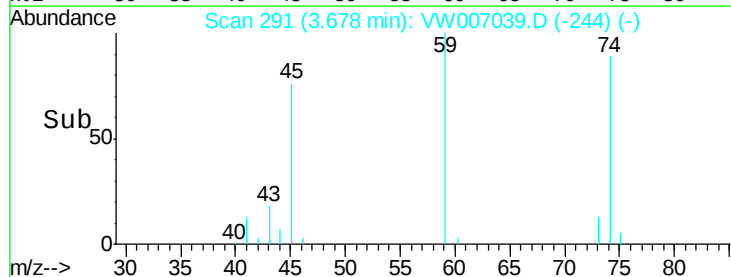
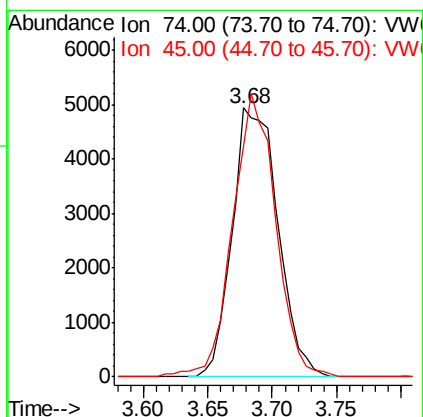
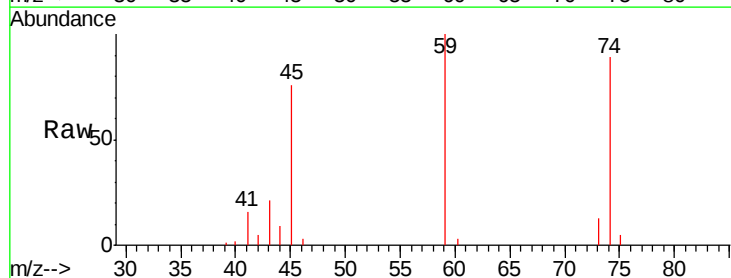
Tgt Ion:101 Resp: 41987
 Ion Ratio Lower Upper
 101 100
 103 60.6 53.4 80.2



#8

Diethyl Ether
 Concen: 20.23 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 74 Resp: 12170
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.4 145.2

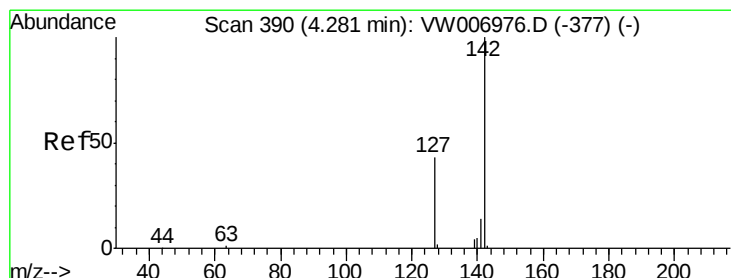
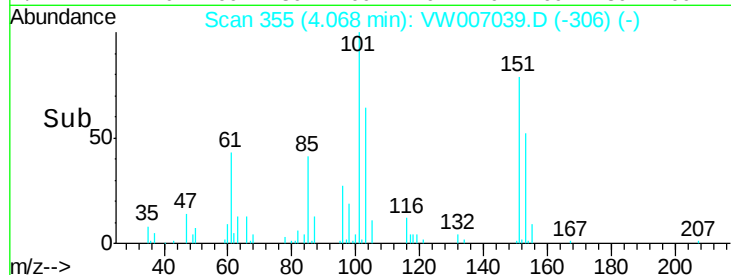
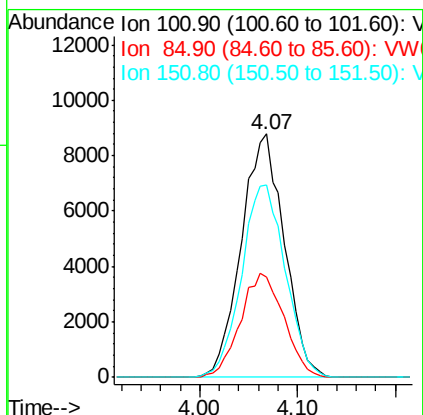
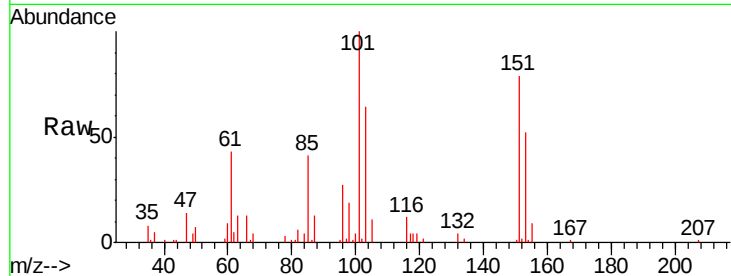




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.12 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

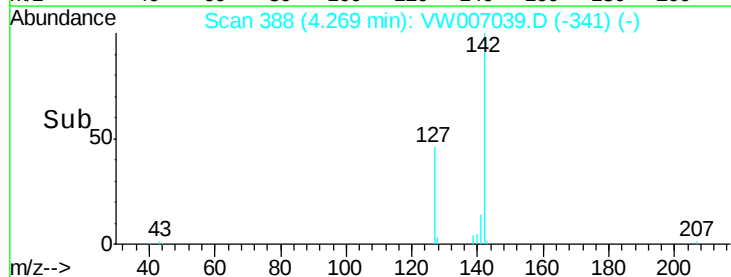
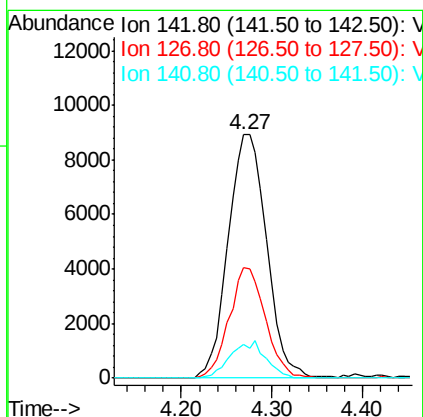
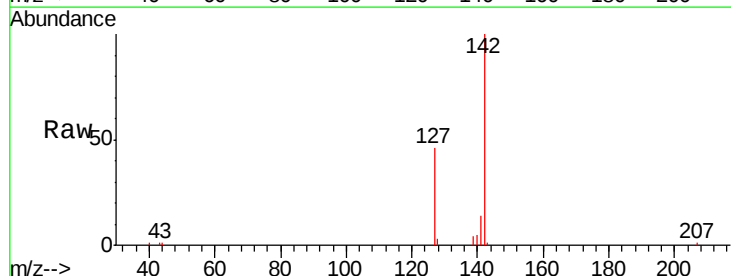
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

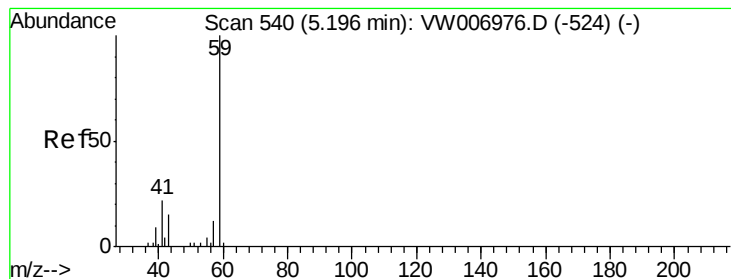
Tgt Ion:101 Resp: 26765
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.3 51.5
 151 80.6 63.4 95.2



#10
 Methyl Iodide
 Concen: 19.00 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:142 Resp: 26323
 Ion Ratio Lower Upper
 142 100
 127 42.7 35.3 52.9
 141 13.9 11.7 17.5



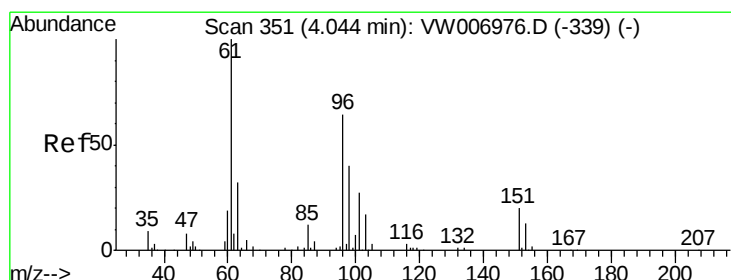
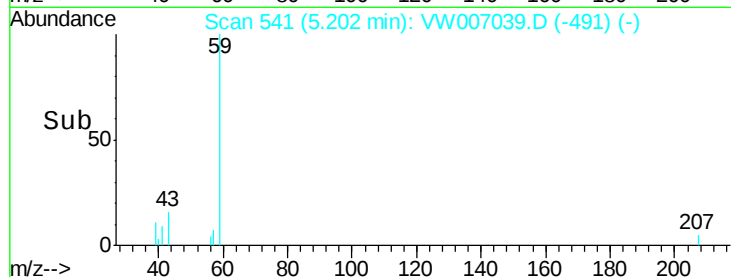
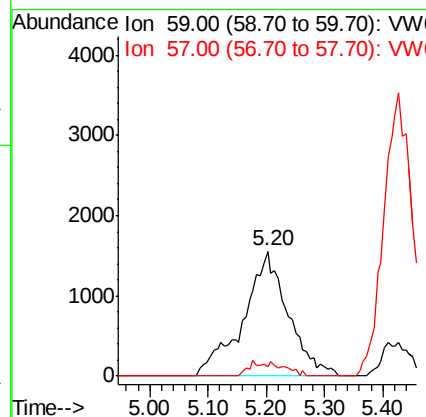
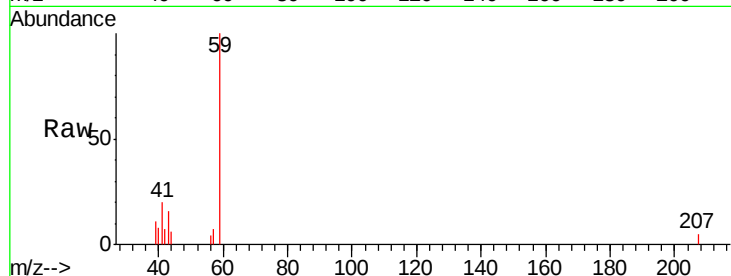


#11

Tert butyl alcohol
Concen: 110.38 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

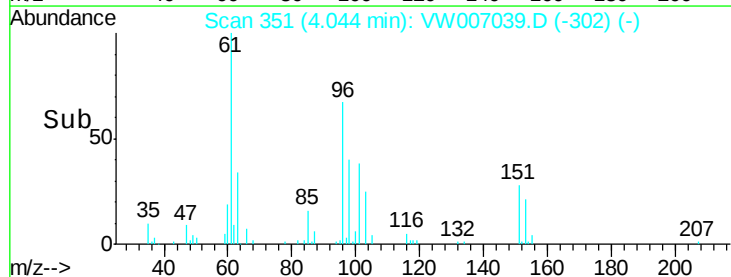
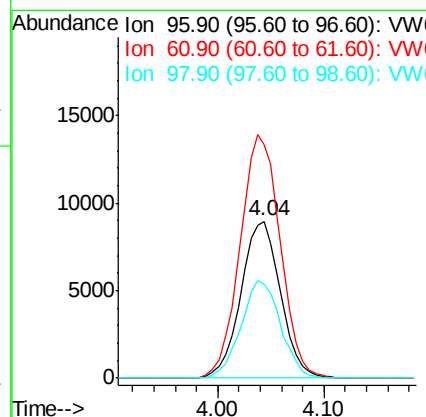
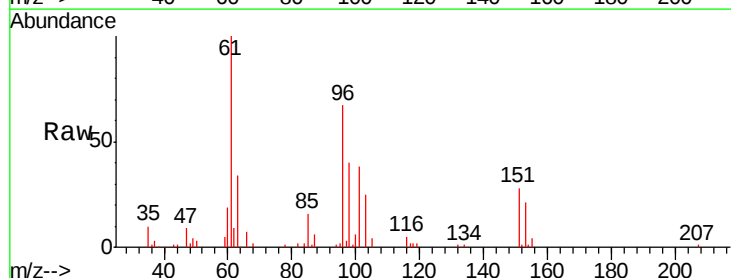
Tgt Ion: 59 Resp: 8250
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

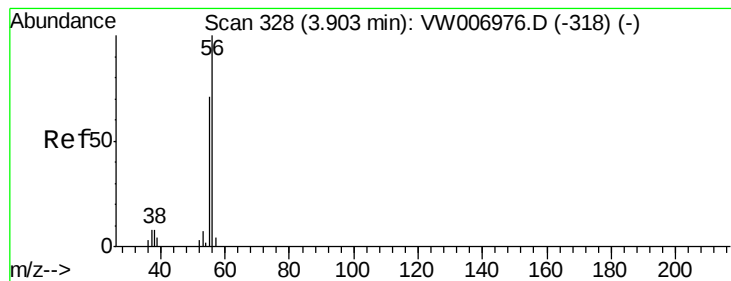


#12

1,1-Dichloroethene
Concen: 21.95 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 96 Resp: 23299
Ion Ratio Lower Upper
96 100
61 148.4 124.3 186.5
98 59.5 49.4 74.2





#13

Acrolein

Concen: 97.42 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

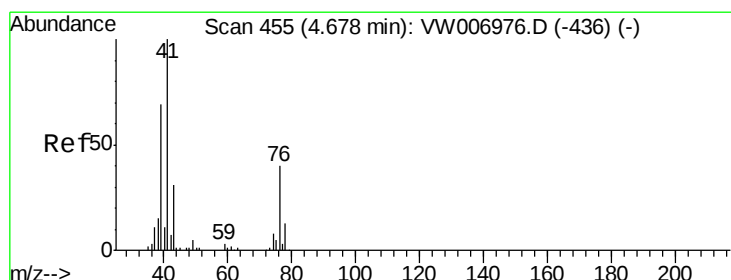
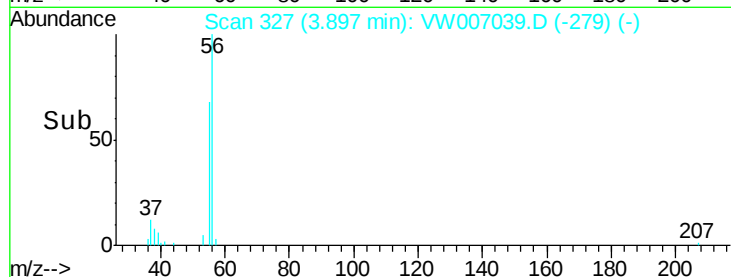
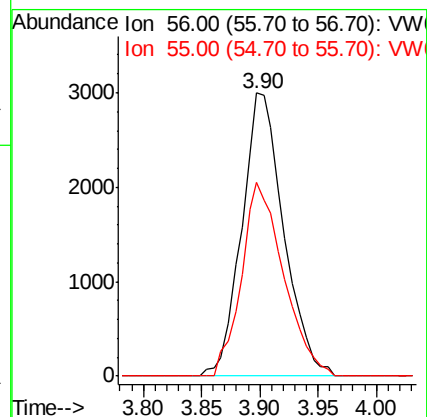
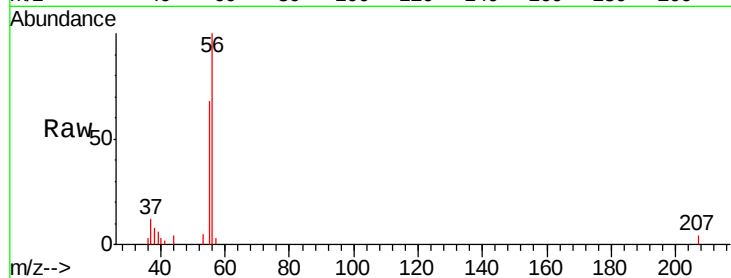
VW1126SBS01

Tgt Ion: 56 Resp: 7477

Ion Ratio Lower Upper

56 100

55 68.9 57.5 86.3



#14

Allyl chloride

Concen: 20.58 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

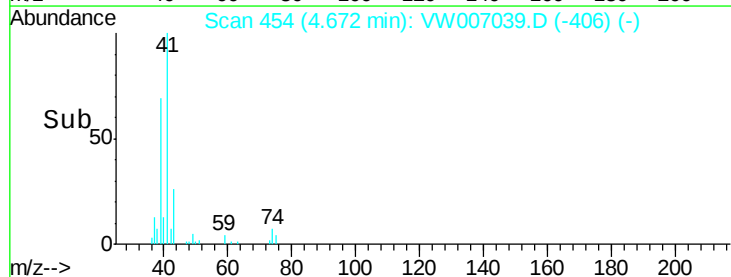
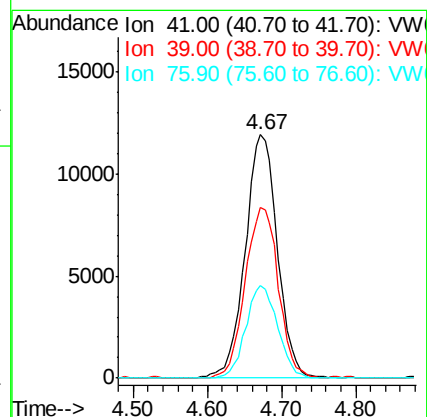
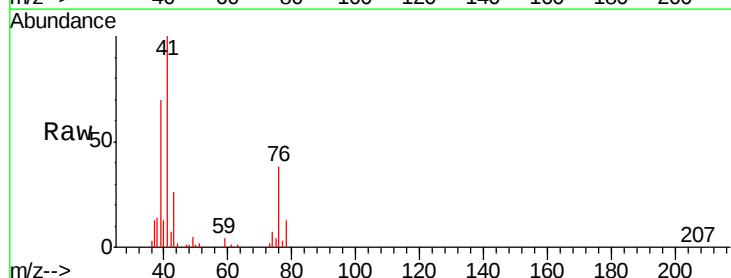
Tgt Ion: 41 Resp: 36233

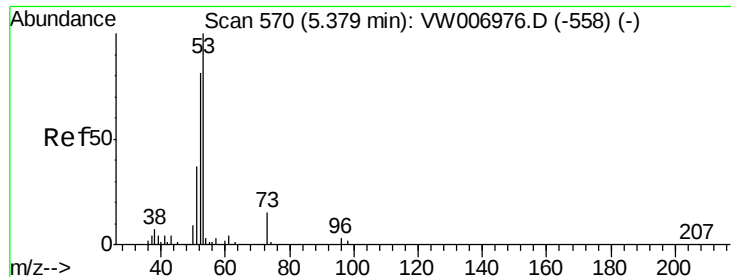
Ion Ratio Lower Upper

41 100

39 72.1 55.4 83.2

76 37.4 29.6 44.4





#15

Acrylonitrile

Concen: 98.12 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

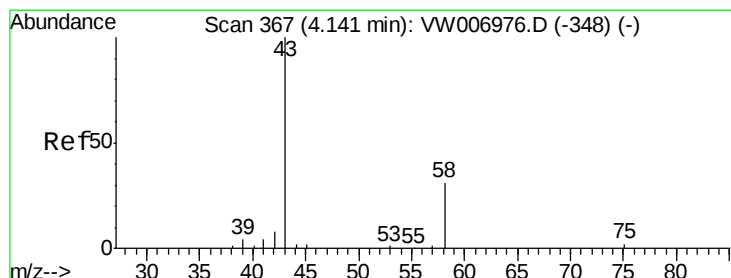
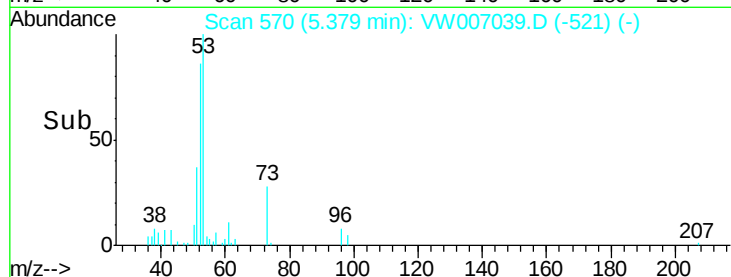
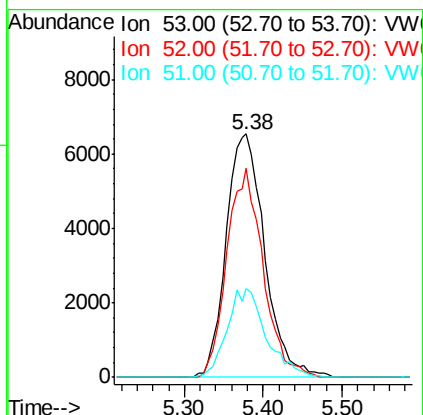
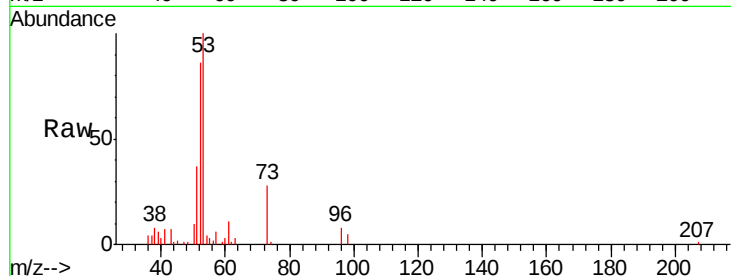
Tgt Ion: 53 Resp: 22183

Ion Ratio Lower Upper

53 100

52 80.9 65.7 98.5

51 36.9 29.9 44.9



#16

Acetone

Concen: 101.48 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007039.D

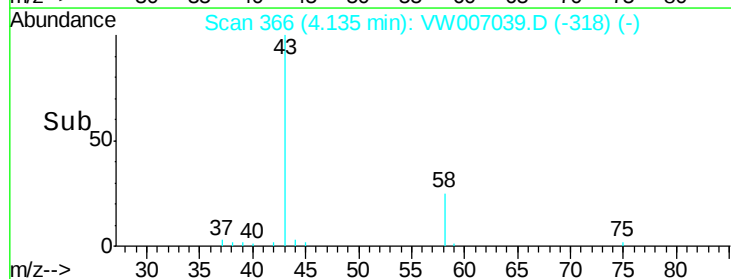
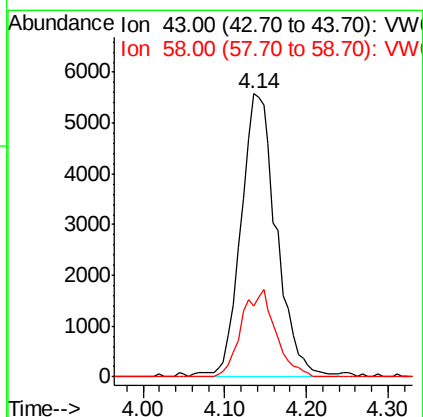
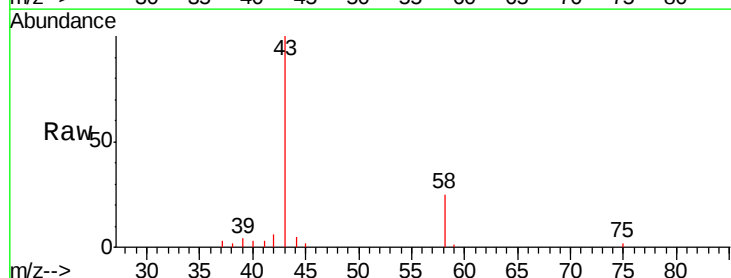
Acq: 26 Nov 2018 11:45

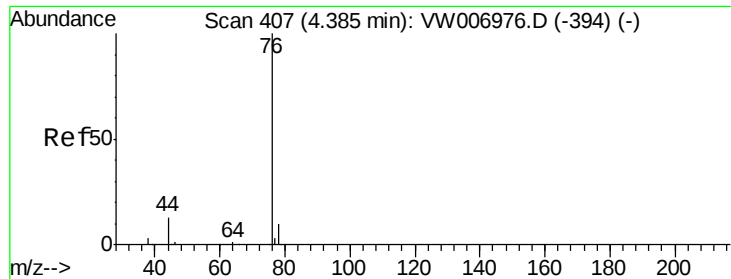
Tgt Ion: 43 Resp: 16916

Ion Ratio Lower Upper

43 100

58 25.1 24.8 37.2

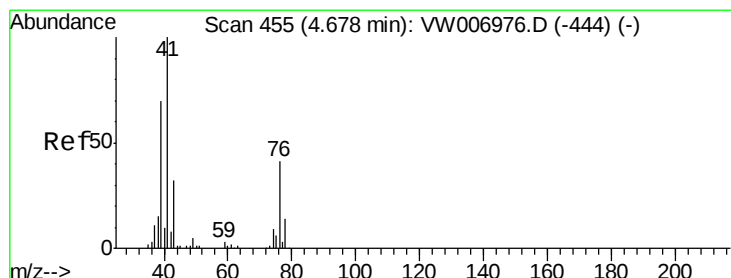
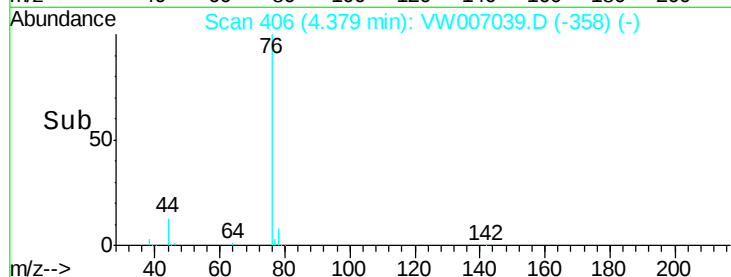
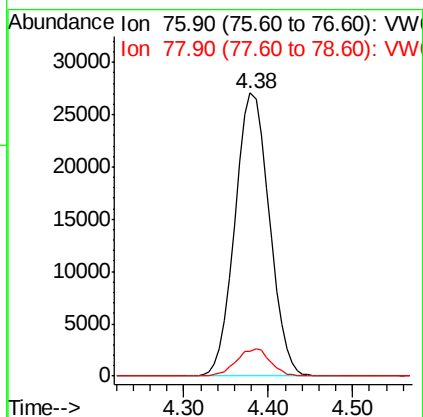
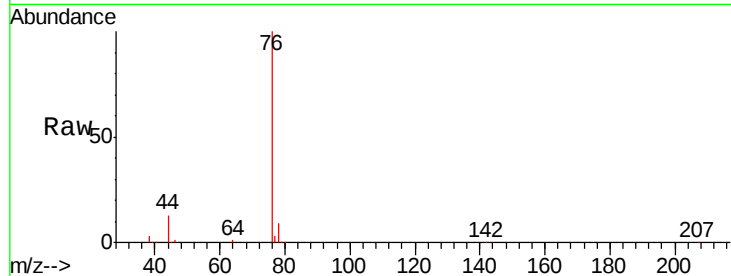




#17
Carbon Disulfide
Concen: 21.81 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

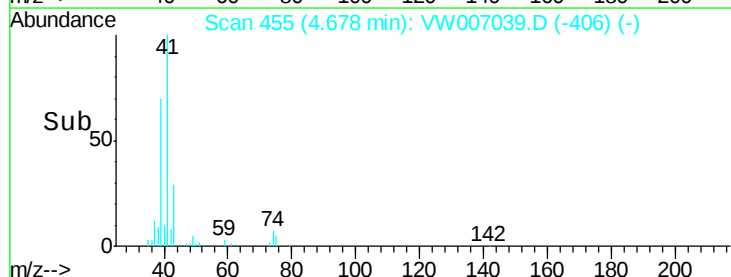
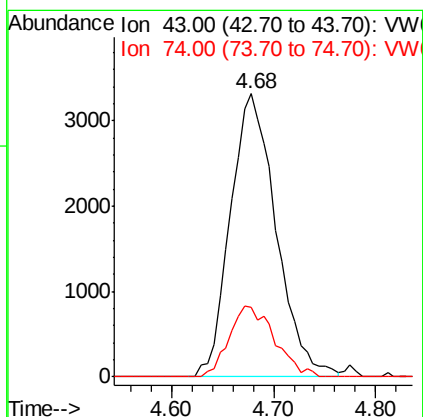
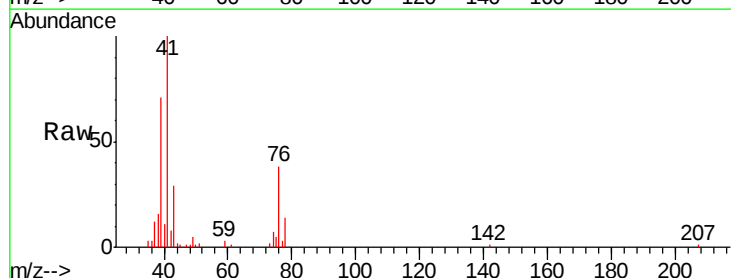
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

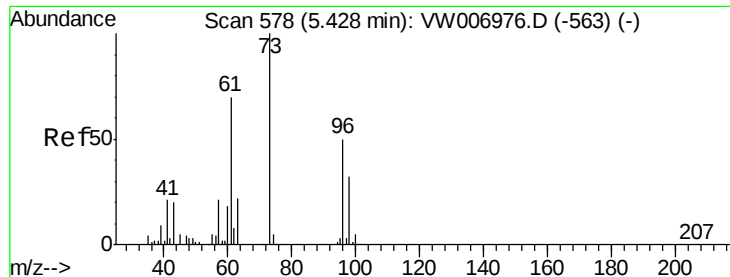
Tgt Ion: 76 Resp: 74860
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#18
Methyl Acetate
Concen: 17.42 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 43 Resp: 10343
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1



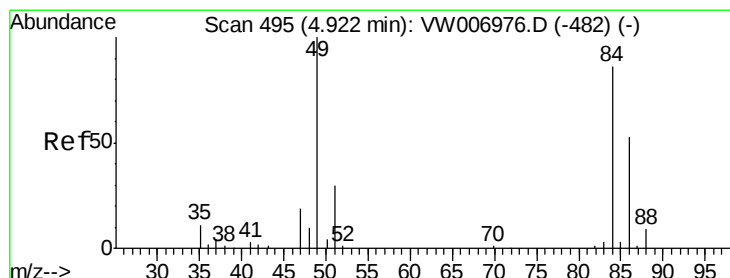
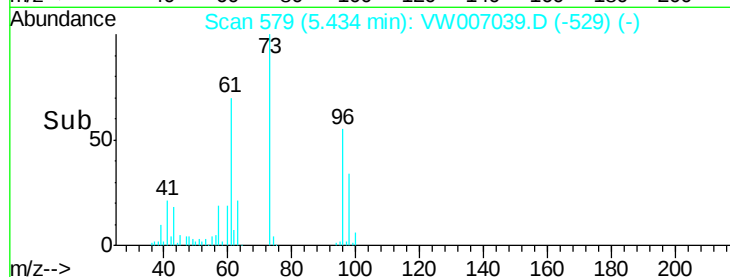
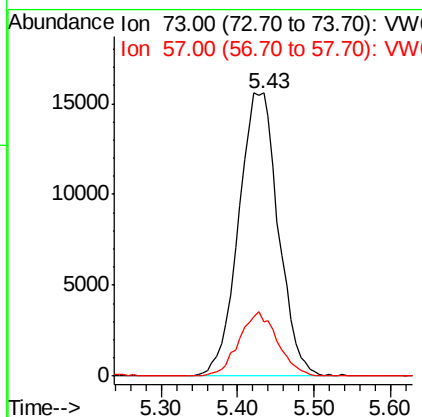
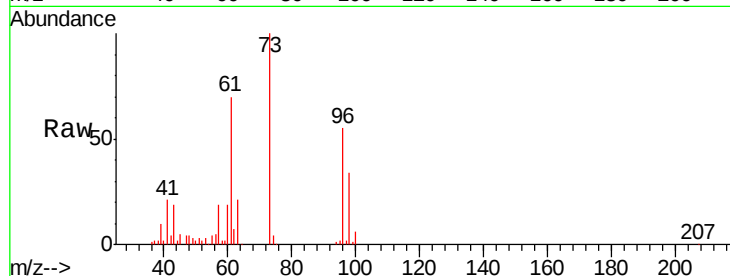


#19

Methyl tert-butyl Ether
Concen: 20.31 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

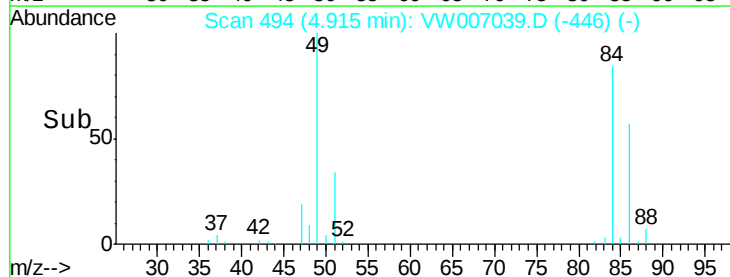
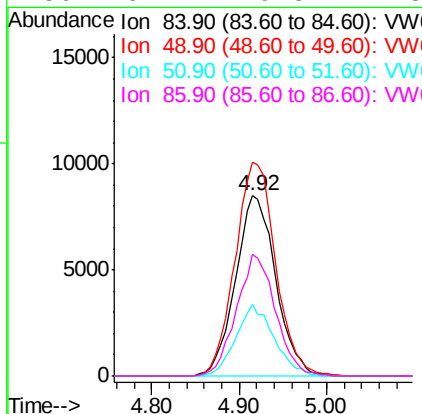
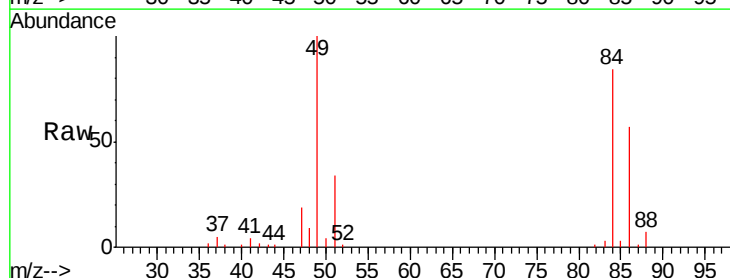
Tgt Ion: 73 Resp: 56298
Ion Ratio Lower Upper
73 100
57 19.2 16.7 25.1

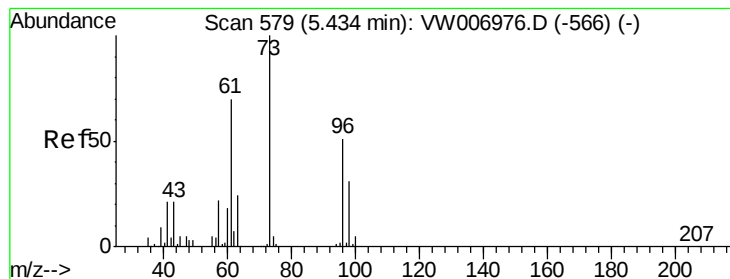


#20

Methylene Chloride
Concen: 16.84 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 84 Resp: 27126
Ion Ratio Lower Upper
84 100
49 118.4 93.4 140.0
51 39.8 28.4 42.6
86 67.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 21.36 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

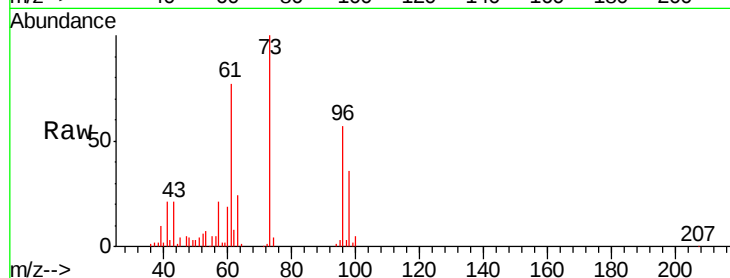
Tgt Ion: 96 Resp: 26405

Ion Ratio Lower Upper

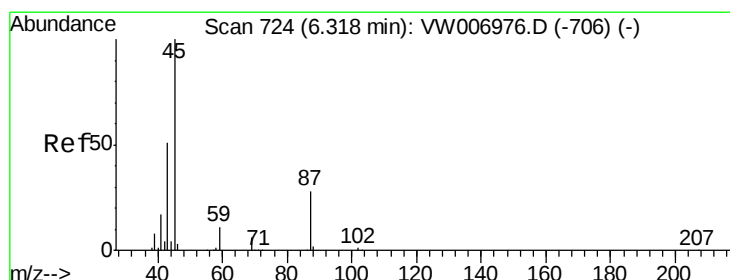
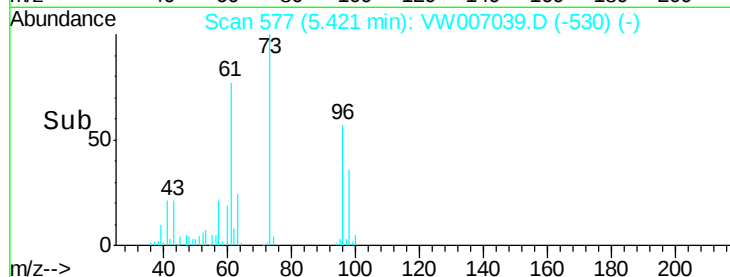
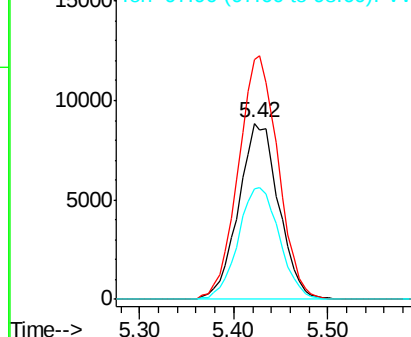
96 100

61 136.4 109.4 164.0

98 62.9 48.3 72.5



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



#22

Diisopropyl ether

Concen: 20.45 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion: 45 Resp: 70059

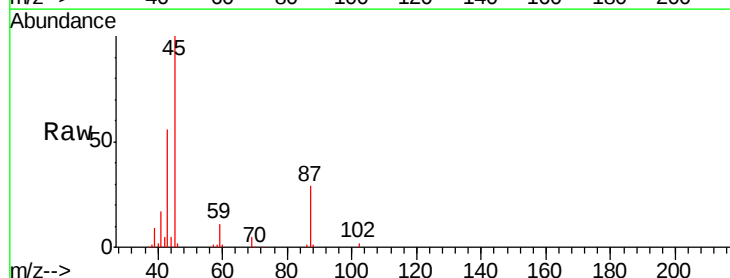
Ion Ratio Lower Upper

45 100

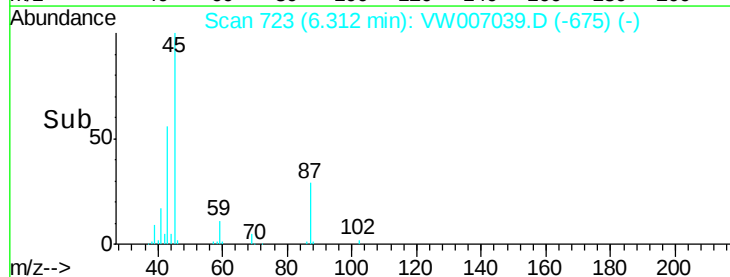
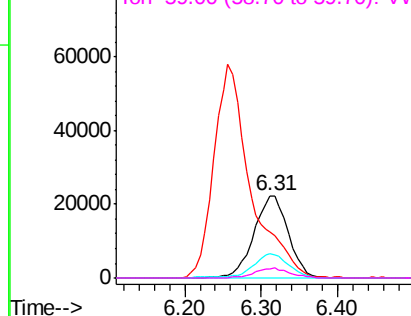
43 55.0 42.5 63.7

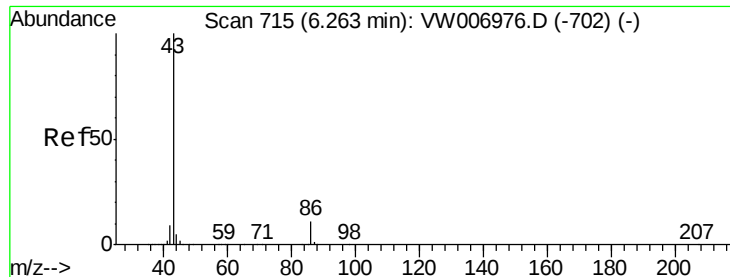
87 29.0 22.8 34.2

59 11.2 9.1 13.7



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





#23

Vinyl Acetate

Concen: 106.00 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

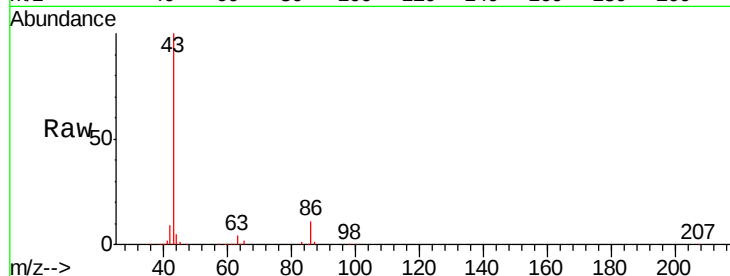
VW1126SBS01

Tgt Ion: 43 Resp: 192884

Ion Ratio Lower Upper

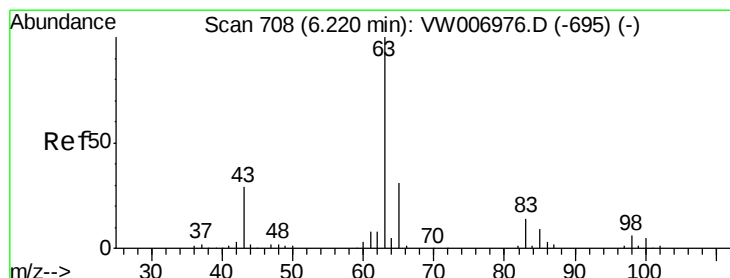
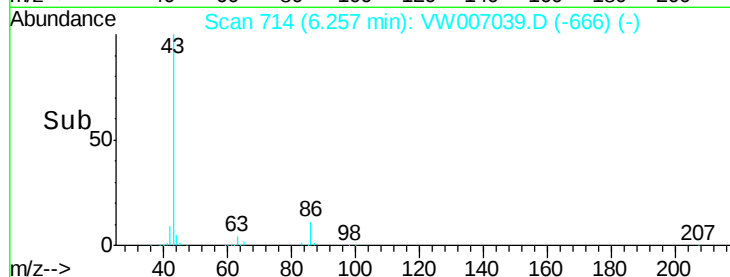
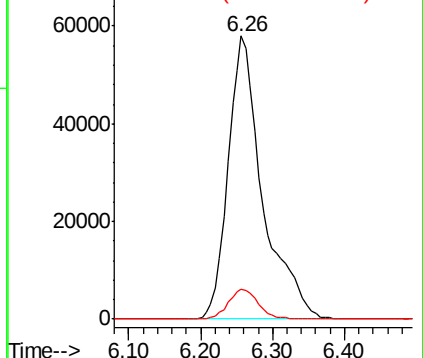
43 100

86 10.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.53 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

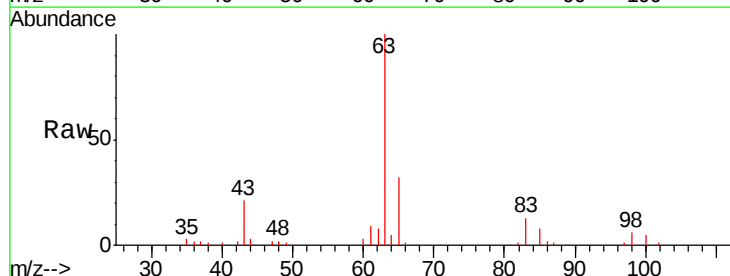
Tgt Ion: 63 Resp: 42804

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

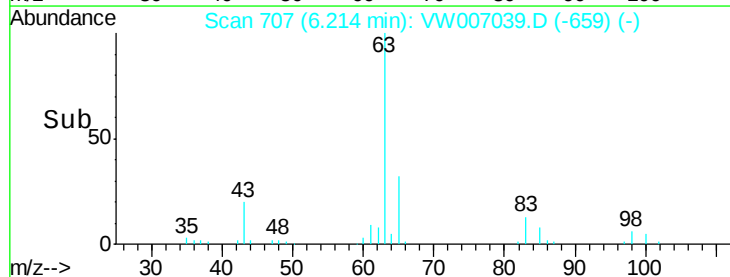
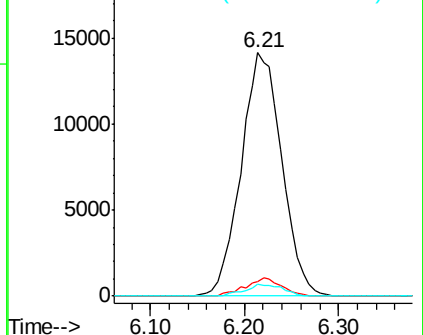
100 5.1 2.3 6.9

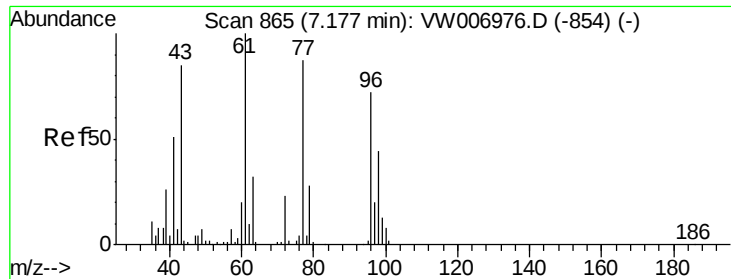


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 96.09 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

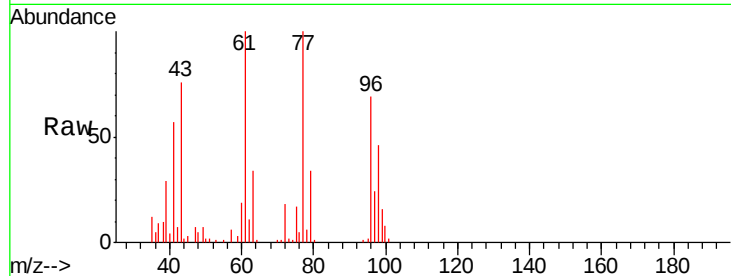
VW1126SBS01

Tgt Ion: 43 Resp: 27434

Ion Ratio Lower Upper

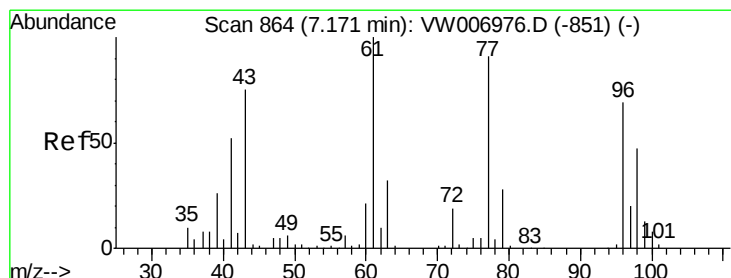
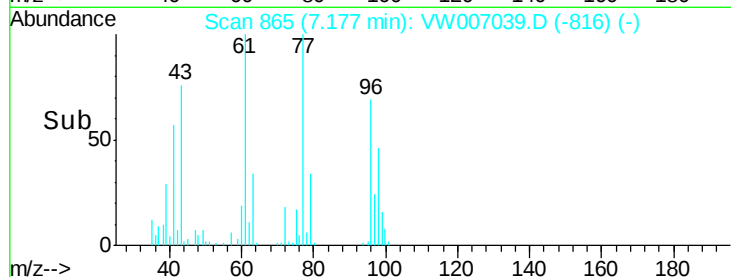
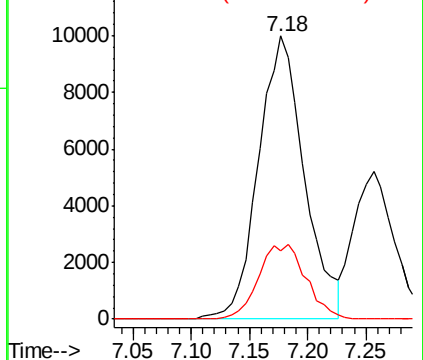
43 100

72 24.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 23.23 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007039.D

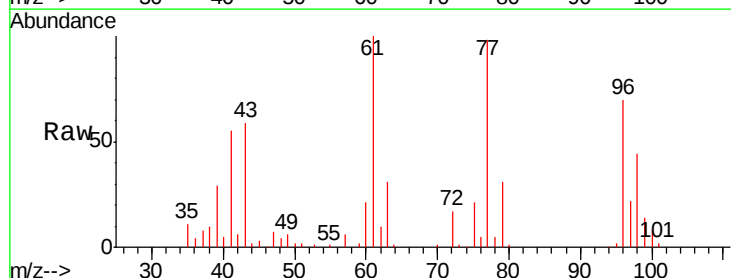
Acq: 26 Nov 2018 11:45

Tgt Ion: 77 Resp: 43545

Ion Ratio Lower Upper

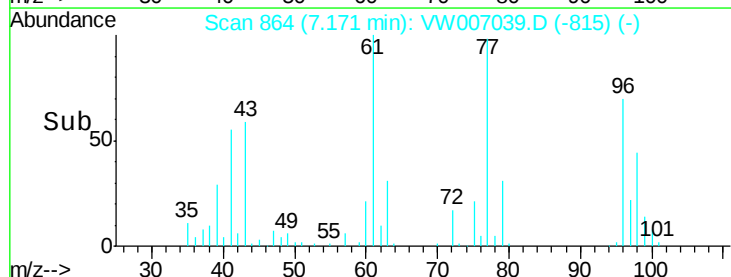
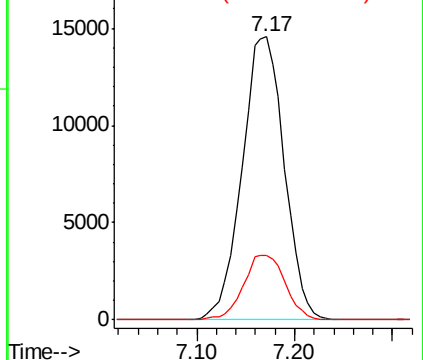
77 100

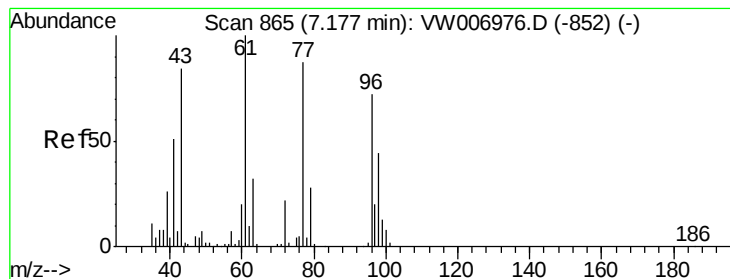
97 22.6 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 20.73 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

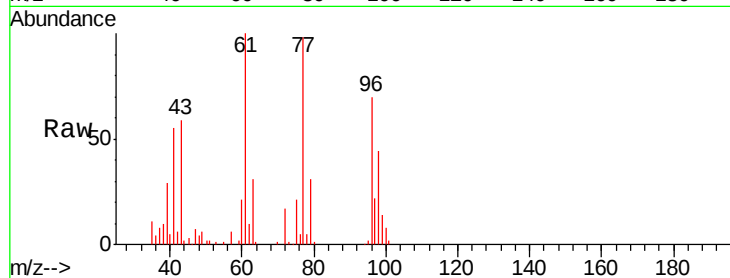
Tgt Ion: 96 Resp: 27295

Ion Ratio Lower Upper

96 100

61 147.2 0.0 292.6

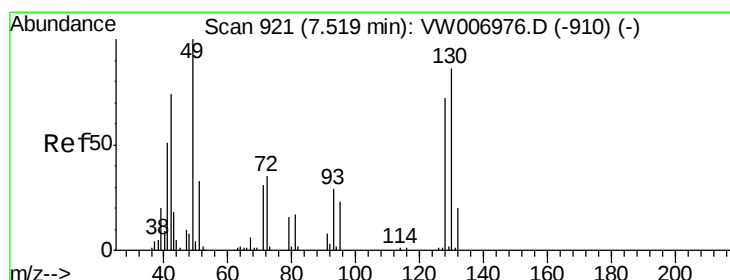
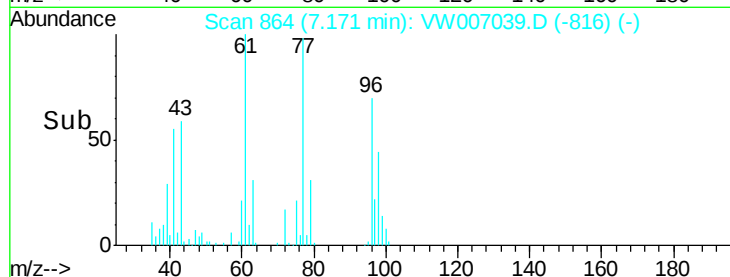
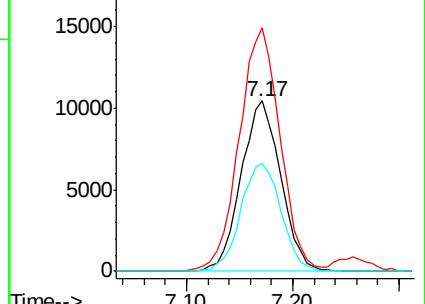
98 64.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 18.25 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

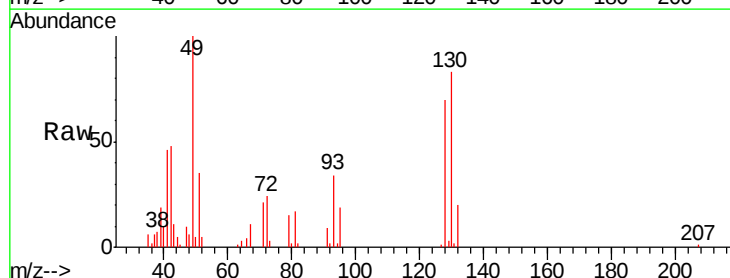
Tgt Ion: 49 Resp: 14216

Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.0

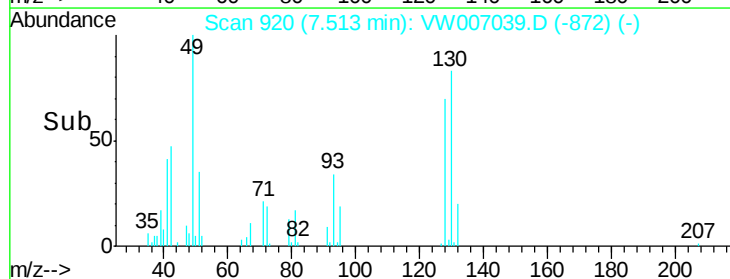
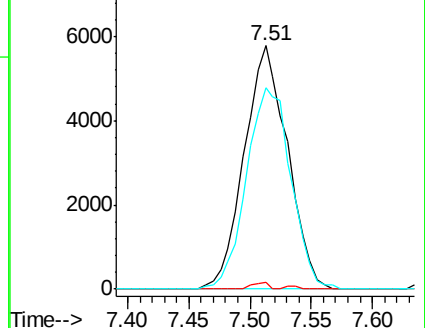
130 85.0 69.0 103.4

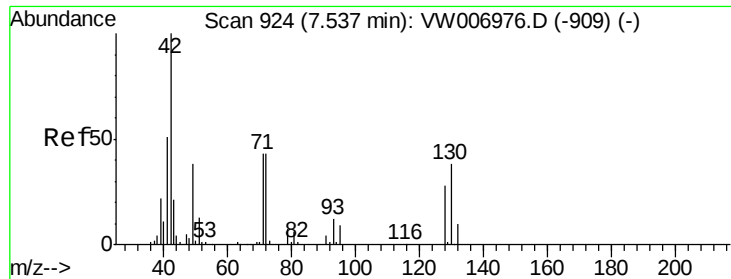


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

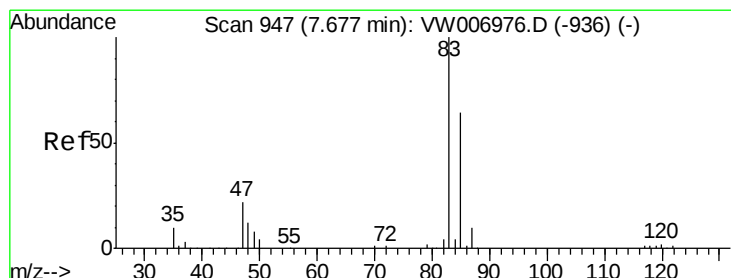
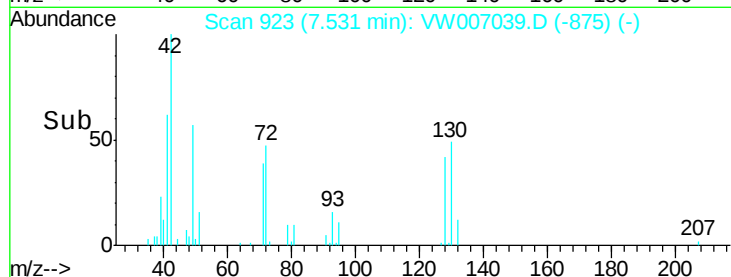
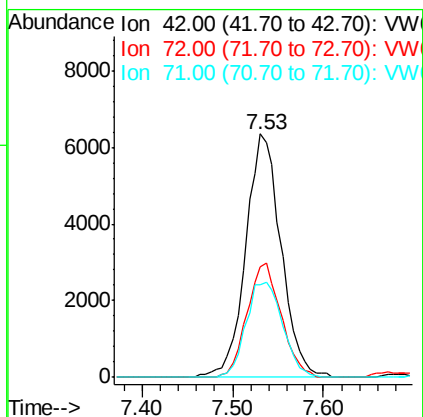
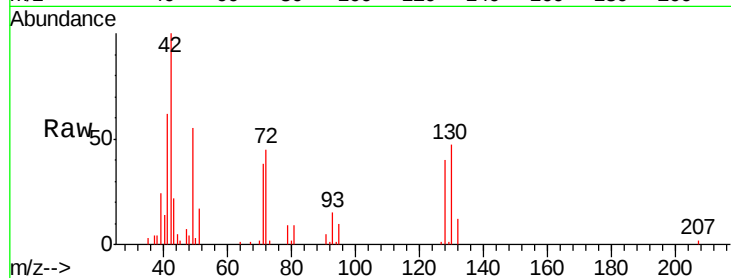




#29
Tetrahydrofuran
Concen: 92.32 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

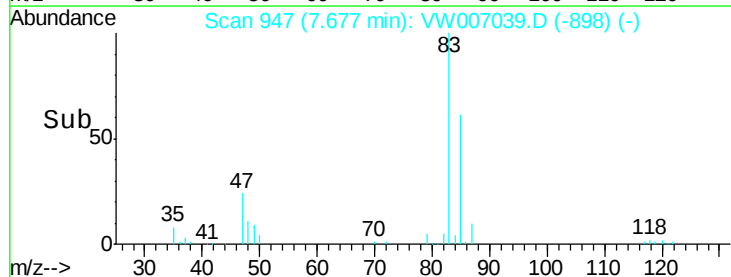
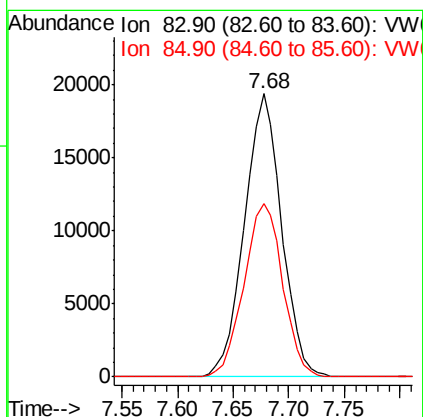
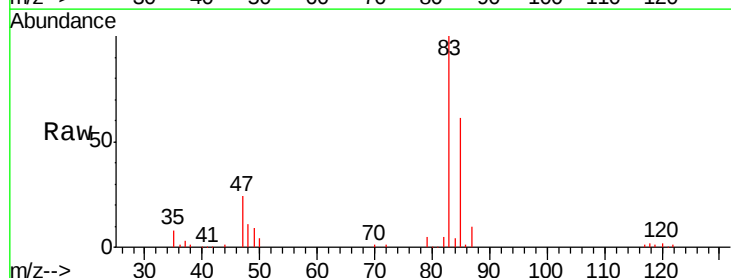
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

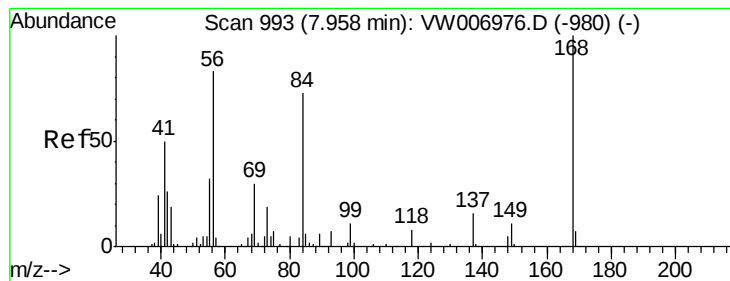
Tgt Ion: 42 Resp: 17070
Ion Ratio Lower Upper
42 100
72 45.1 36.2 54.4
71 40.6 33.8 50.8



#30
Chloroform
Concen: 20.29 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 83 Resp: 44925
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3





#31

Cyclohexane

Concen: 21.85 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

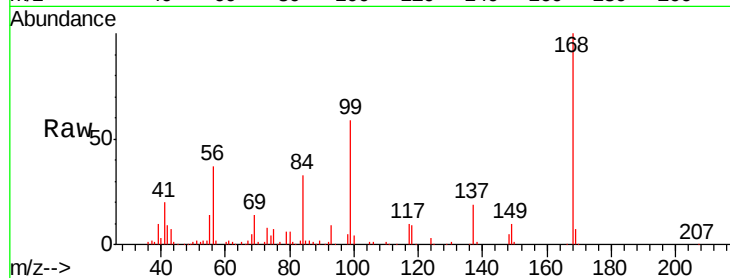
Tgt Ion: 56 Resp: 48315

Ion Ratio Lower Upper

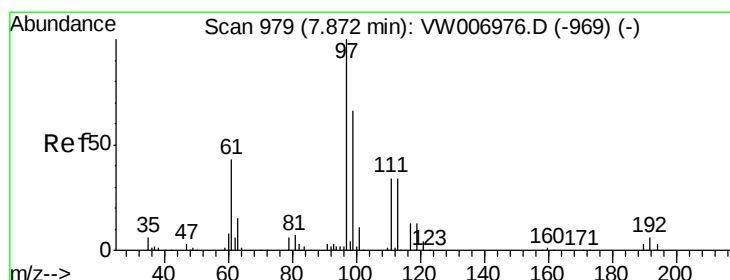
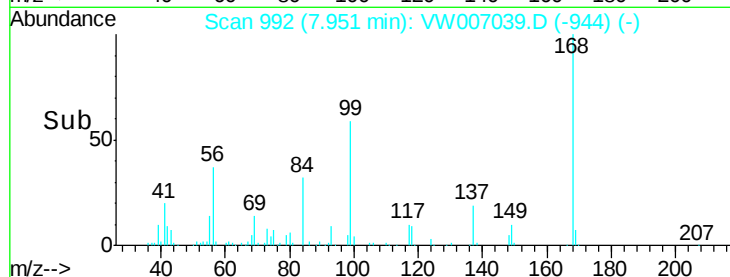
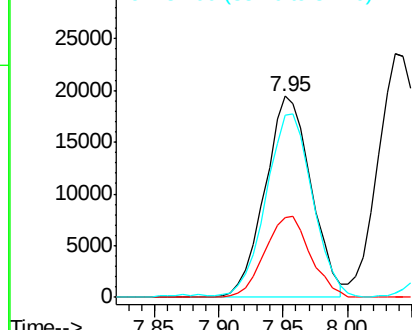
56 100

69 39.6 29.1 43.7

84 89.3 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: 22.49 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

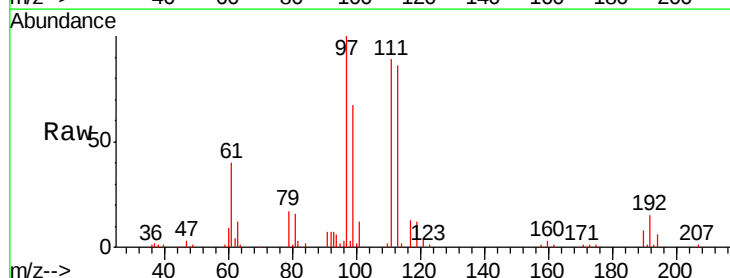
Tgt Ion: 97 Resp: 44856

Ion Ratio Lower Upper

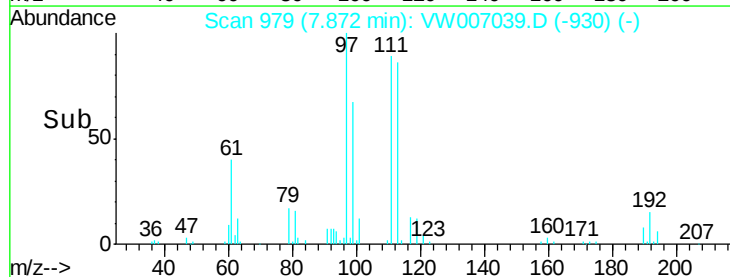
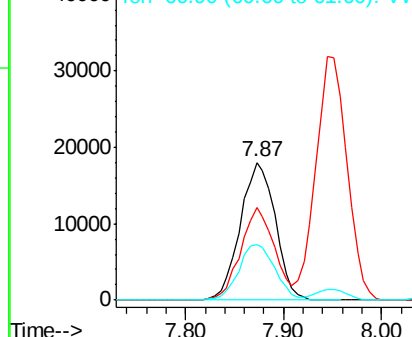
97 100

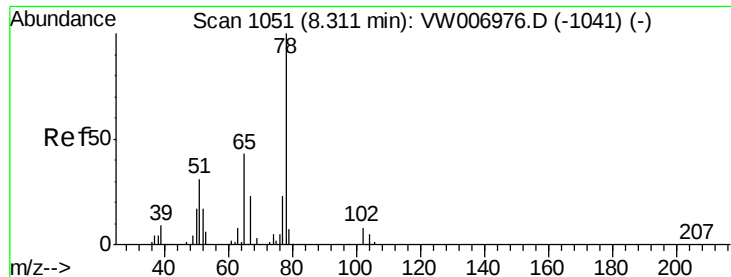
99 65.0 51.9 77.9

61 41.4 33.4 50.2



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





#33

1,2-Dichloroethane-d4

Concen: 50.08 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

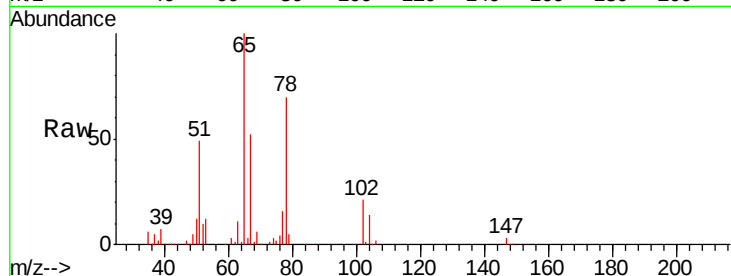
VW1126SBS01

Tgt Ion: 65 Resp: 57500

Ion Ratio Lower Upper

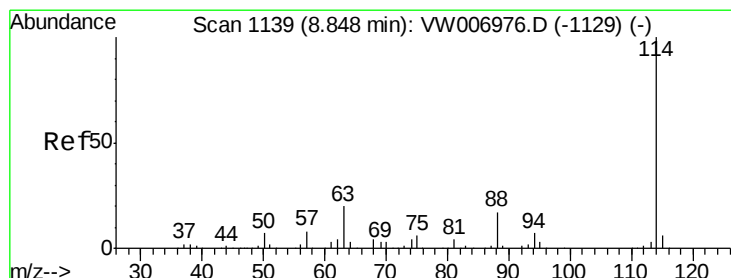
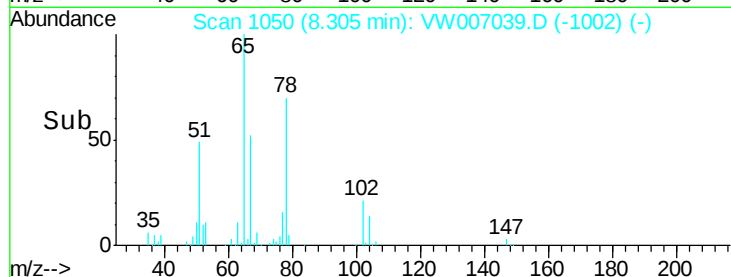
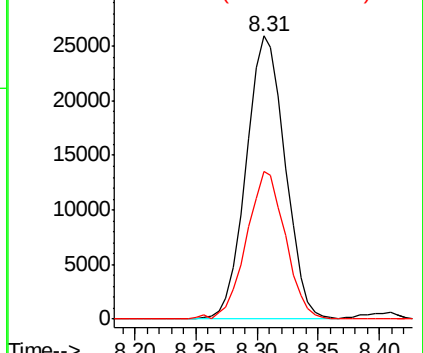
65 100

67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

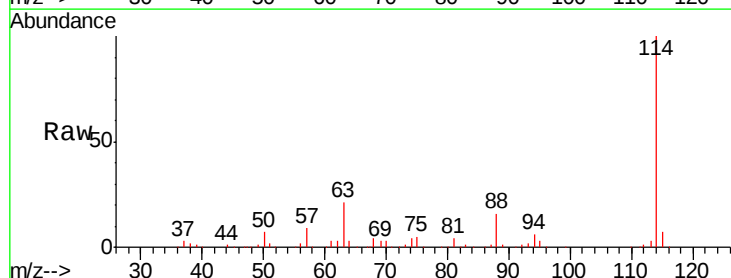
Tgt Ion: 114 Resp: 177659

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

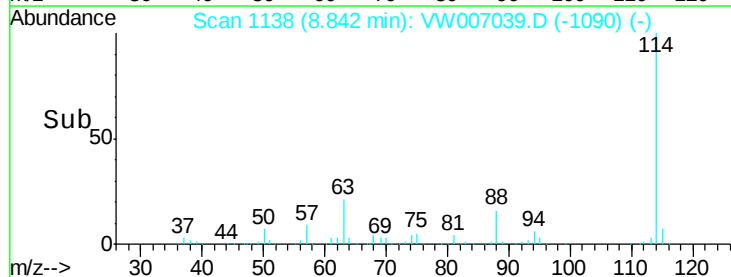
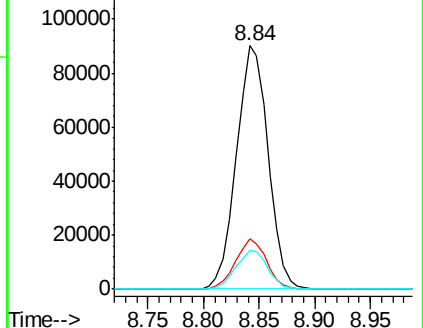
88 16.1 0.0 34.2

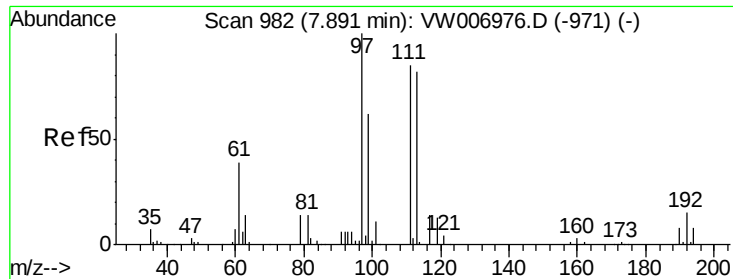


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

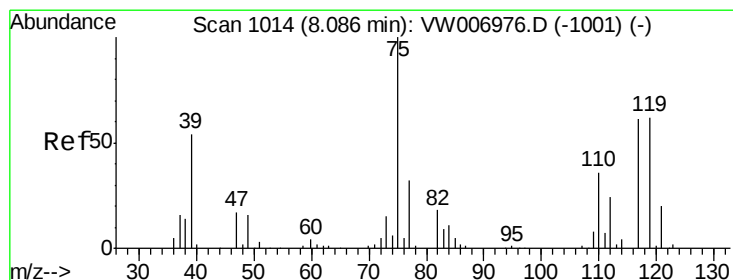
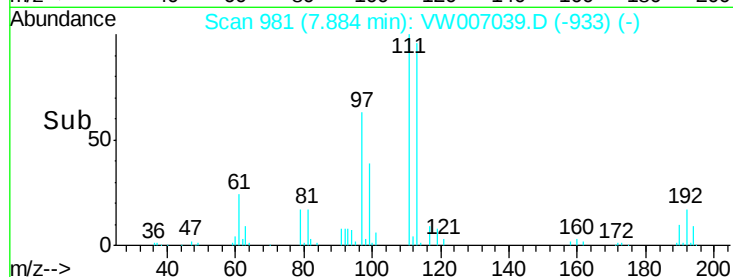
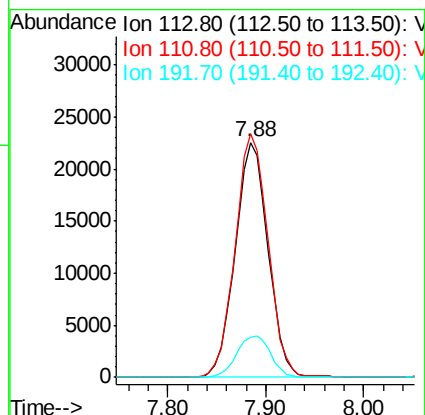
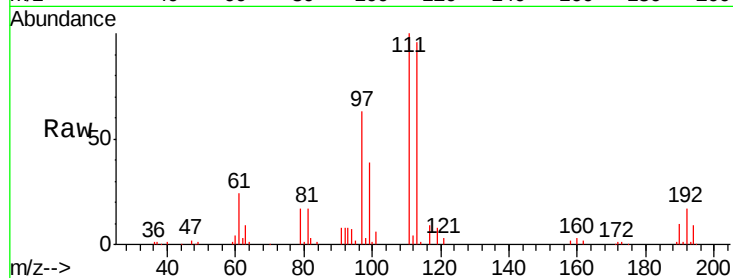




#35
 Dibromofluoromethane
 Concen: 52.28 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

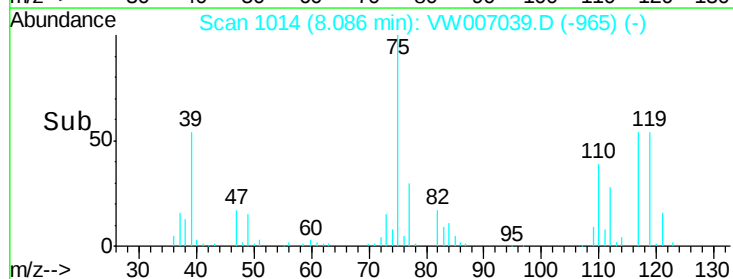
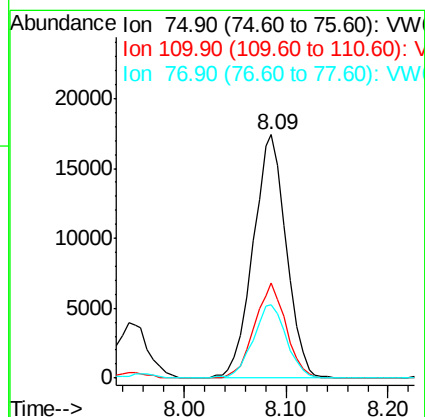
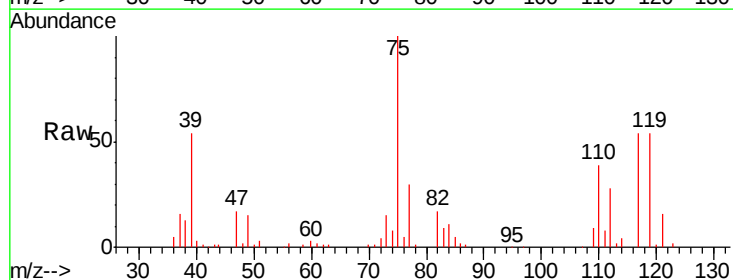
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

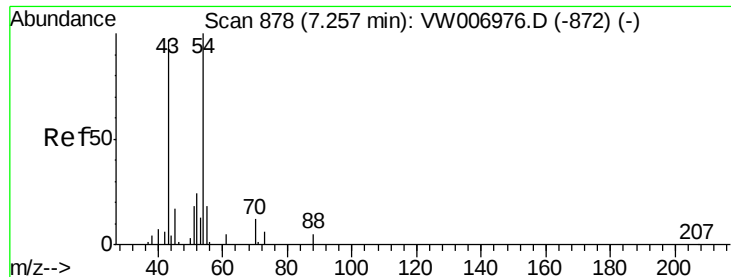
Tgt Ion:113 Resp: 52448
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.0 121.6
 192 18.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 22.73 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 75 Resp: 39461
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.0 54.0
 77 30.3 24.9 37.3

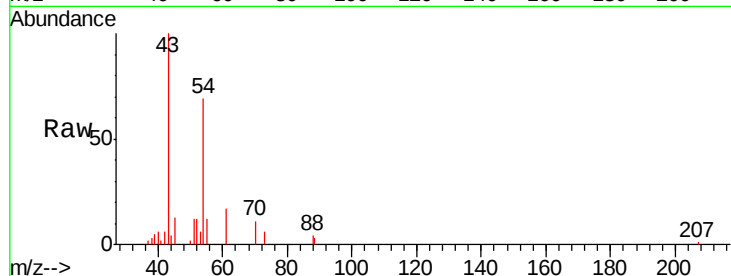




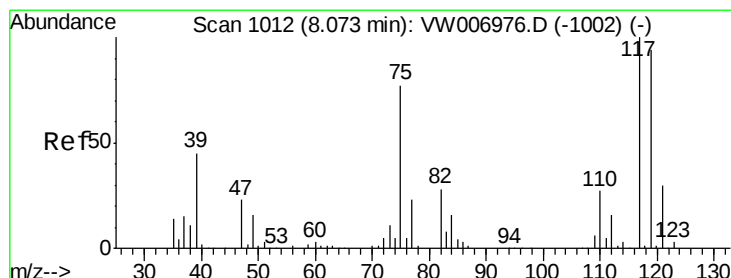
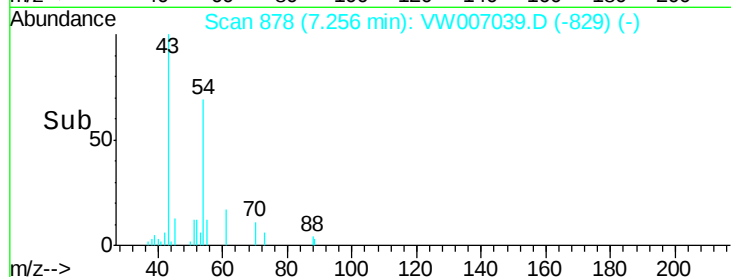
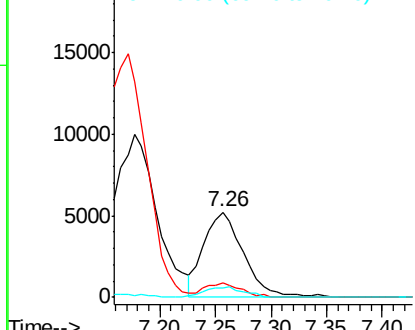
#37
 Ethyl Acetate
 Concen: 20.59 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion: 43 Resp: 12953
 Ion Ratio Lower Upper
 43 100
 61 15.3 10.4 15.6
 70 11.8 8.8 13.2

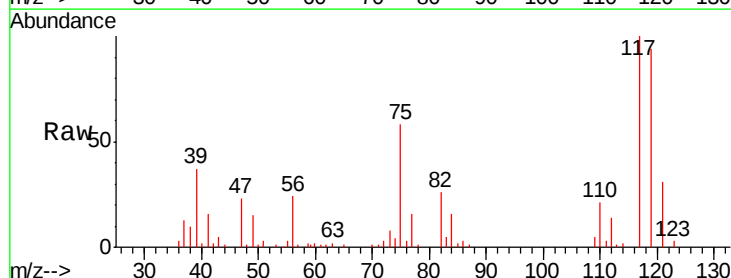


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

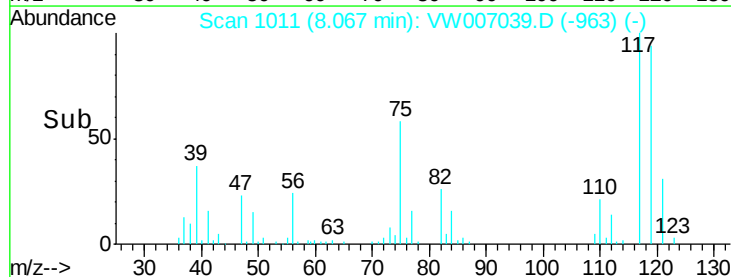
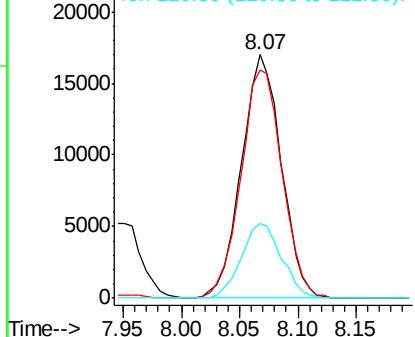


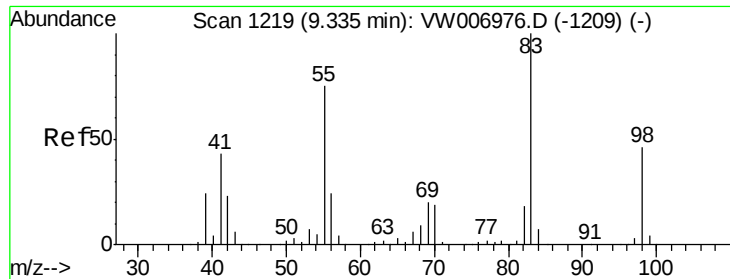
#38
 Carbon Tetrachloride
 Concen: 24.35 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 117 Resp: 40485
 Ion Ratio Lower Upper
 117 100
 119 93.9 74.9 112.3
 121 30.7 23.6 35.4



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

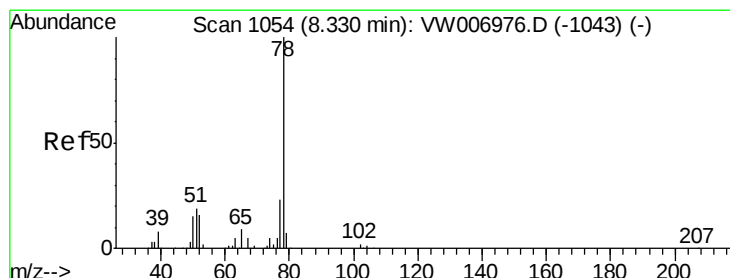
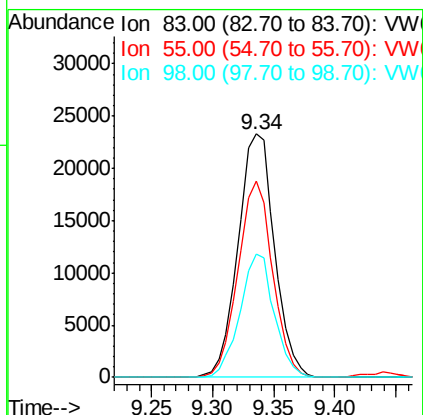
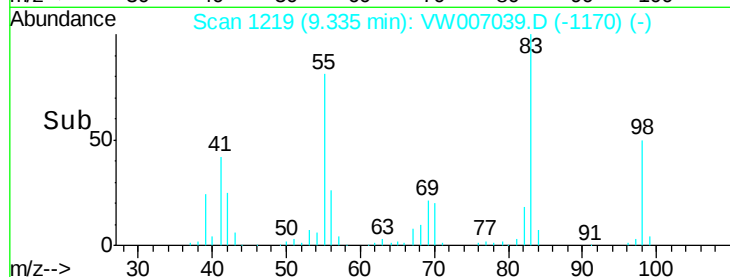
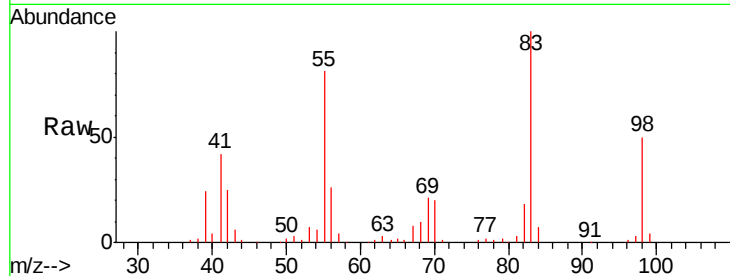




#39
Methylcyclohexane
Concen: 22.18 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

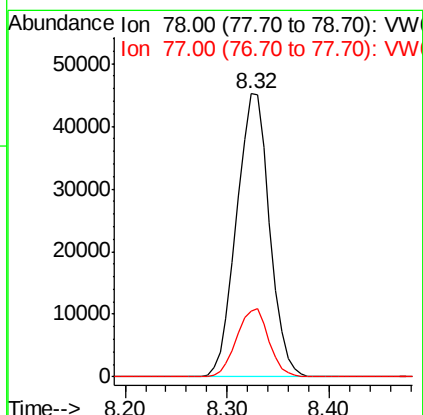
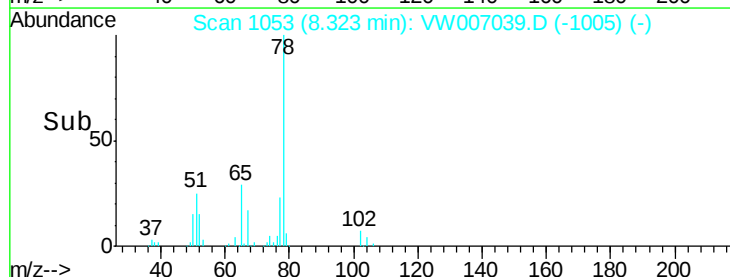
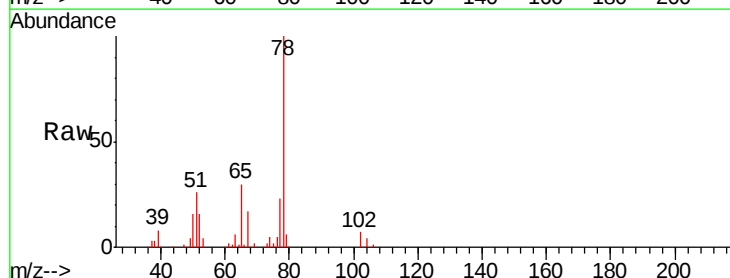
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

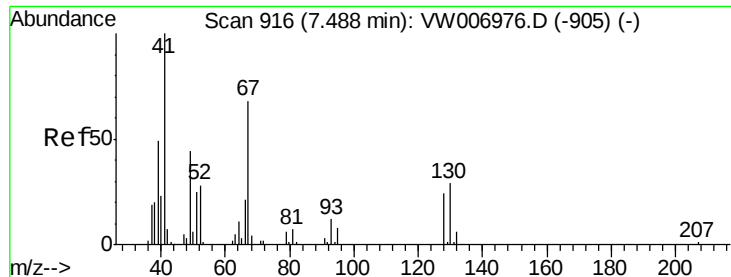
Tgt Ion: 83 Resp: 48192
Ion Ratio Lower Upper
83 100
55 80.8 59.6 89.4
98 50.4 37.1 55.7



#40
Benzene
Concen: 21.68 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 78 Resp: 101580
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41

Methacrylonitrile

Concen: 19.98 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

Tgt Ion: 41 Resp: 7808

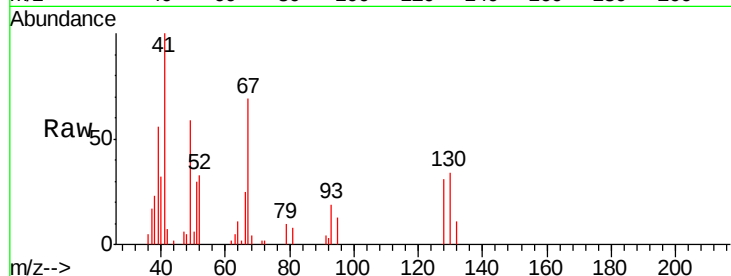
Ion Ratio Lower Upper

41 100

39 60.9 48.6 73.0

67 69.3 59.8 89.8

52 30.1 24.8 37.2

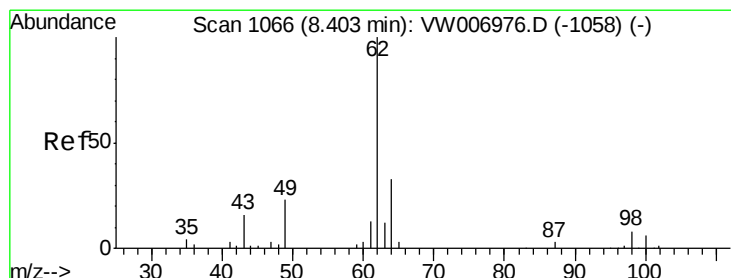
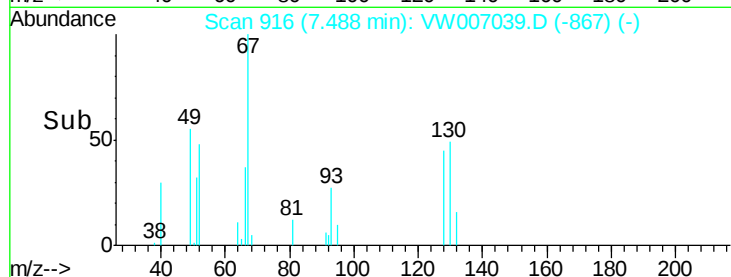
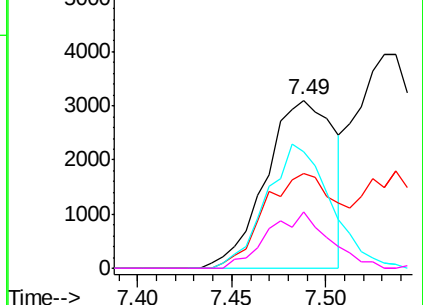


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.69 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007039.D

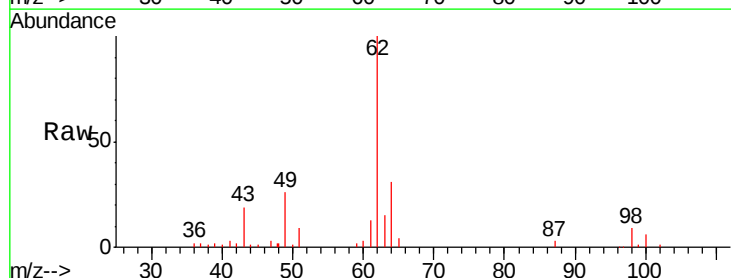
Acq: 26 Nov 2018 11:45

Tgt Ion: 62 Resp: 28157

Ion Ratio Lower Upper

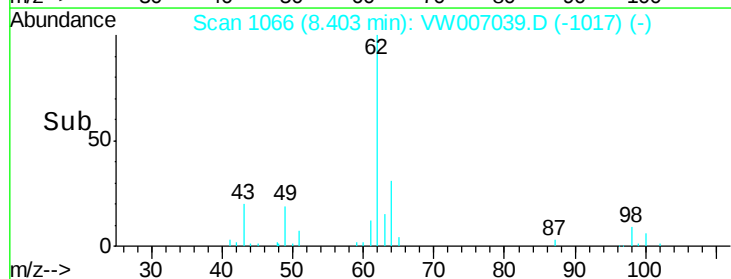
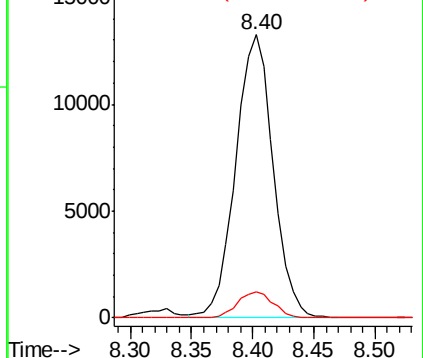
62 100

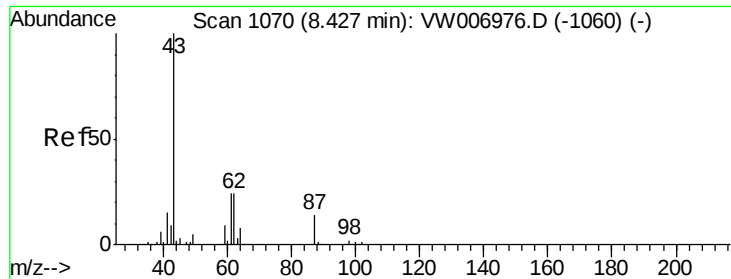
98 8.9 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.66 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

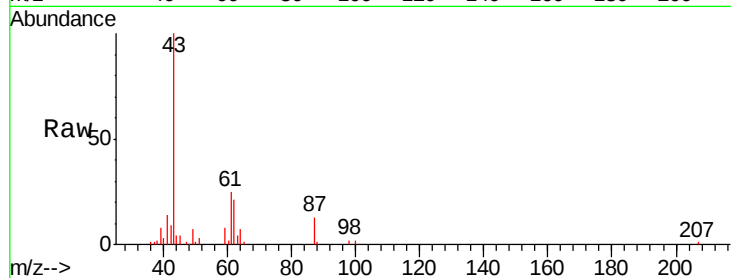
Tgt Ion: 43 Resp: 23568

Ion Ratio Lower Upper

43 100

61 33.7 26.1 39.1

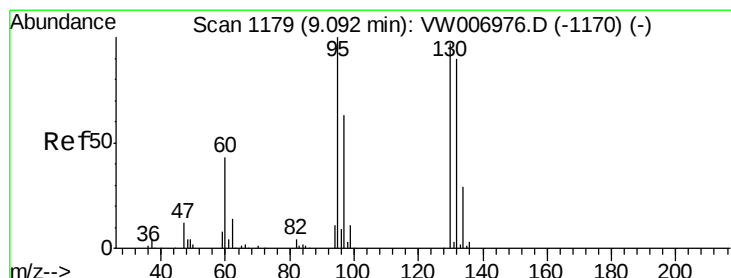
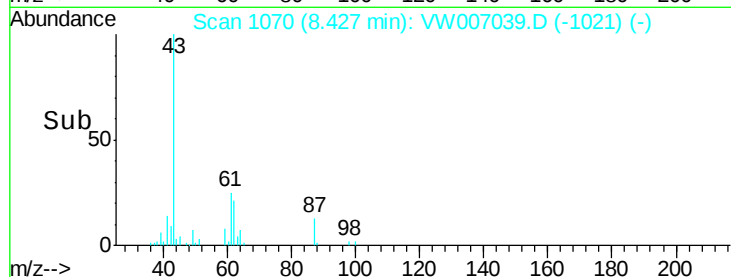
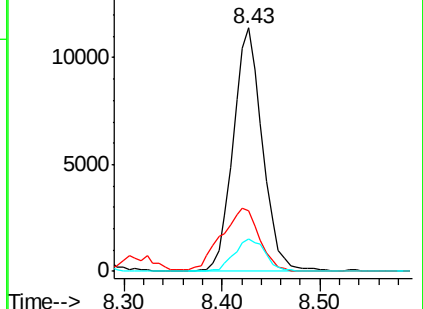
87 14.0 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 22.46 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007039.D

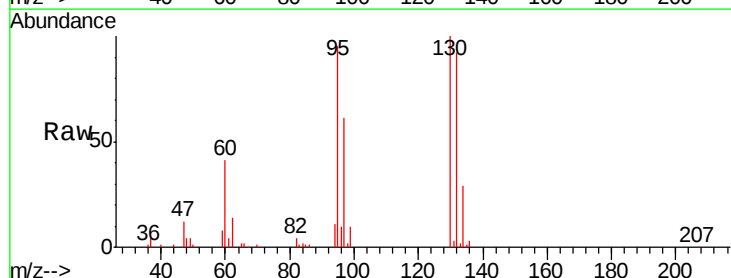
Acq: 26 Nov 2018 11:45

Tgt Ion: 130 Resp: 29504

Ion Ratio Lower Upper

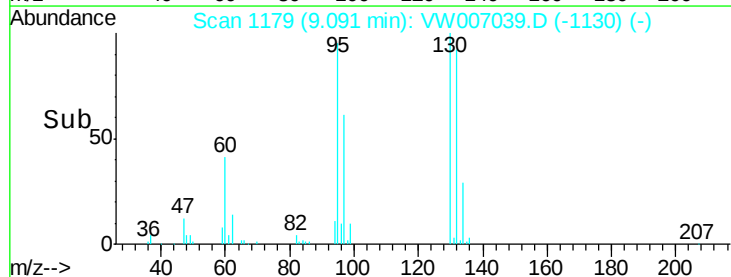
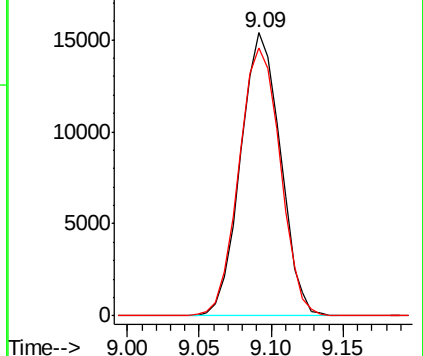
130 100

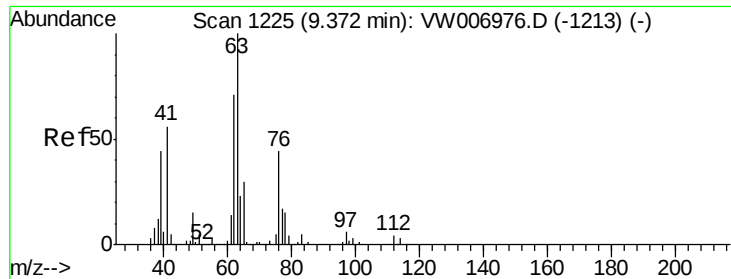
95 94.8 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.24 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

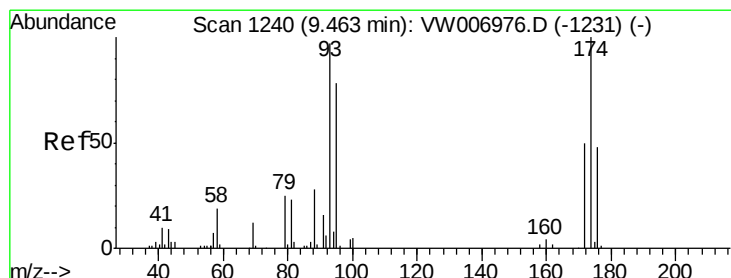
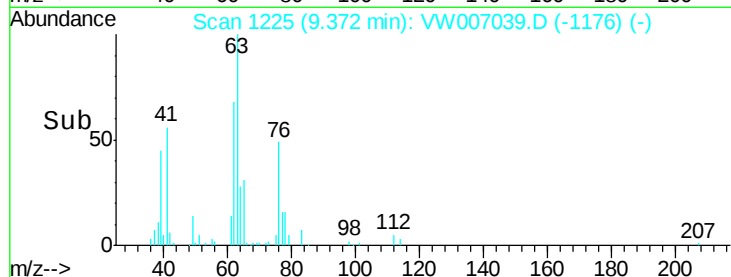
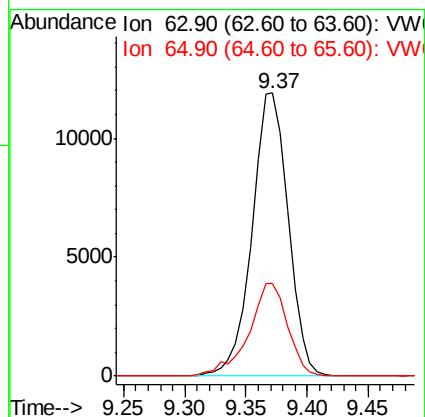
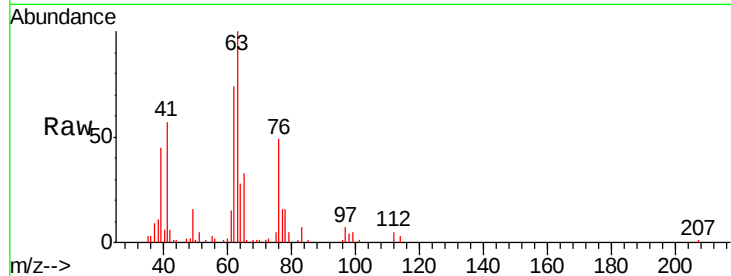
VW1126SBS01

Tgt Ion: 63 Resp: 24537

Ion Ratio Lower Upper

63 100

65 32.5 24.4 36.6



#46

Dibromomethane

Concen: 20.98 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

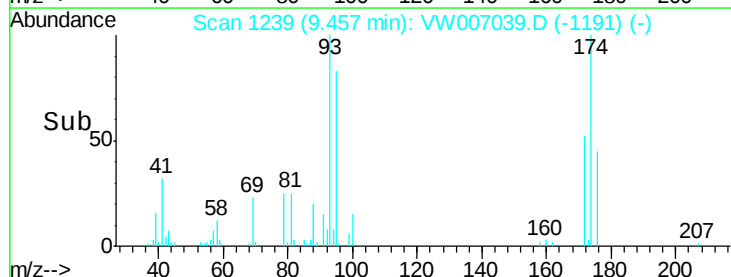
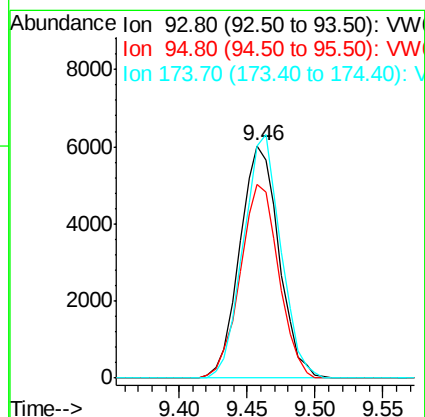
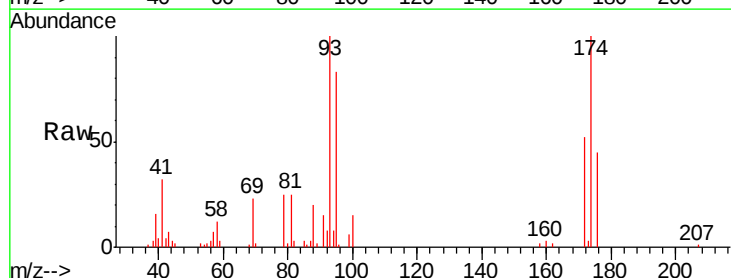
Tgt Ion: 93 Resp: 12137

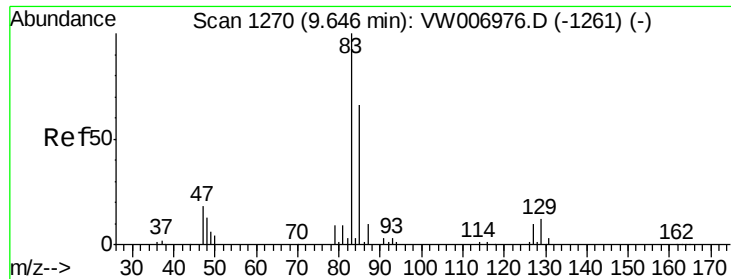
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 100.1 79.7 119.5

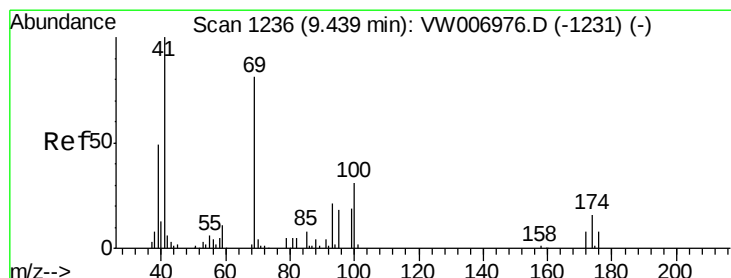
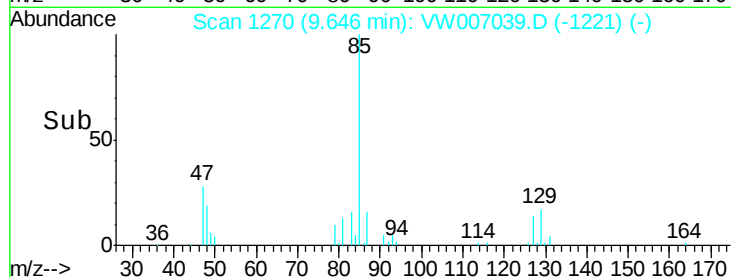
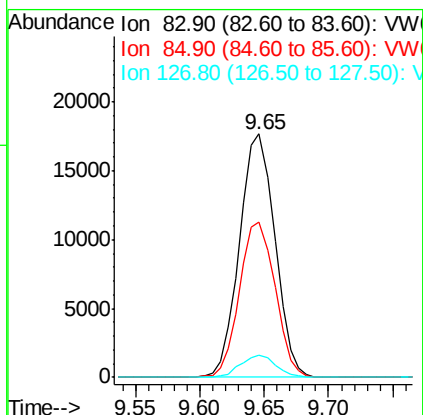
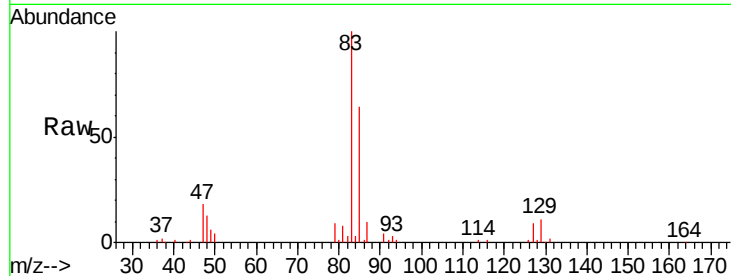




#47
Bromodichloromethane
Concen: 22.15 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

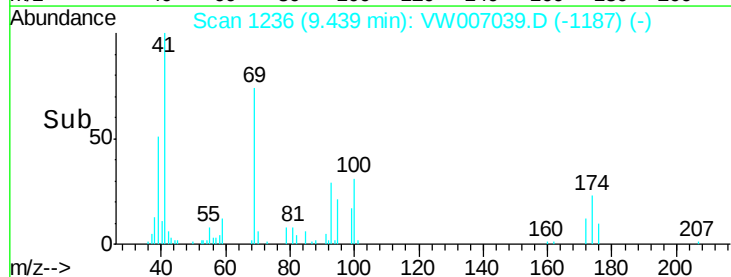
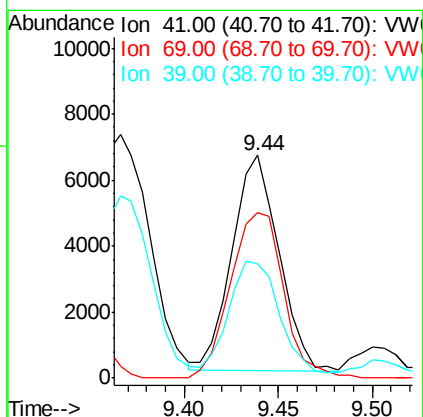
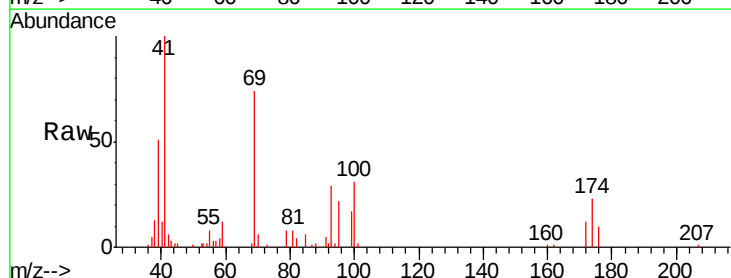
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

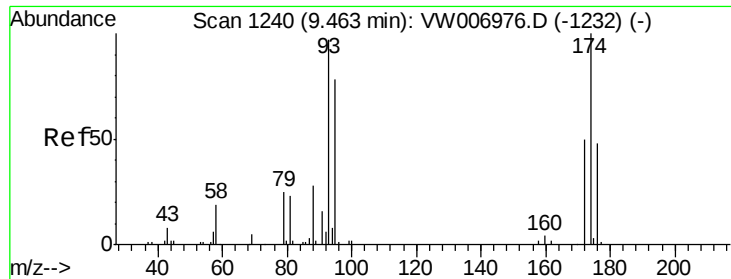
Tgt Ion: 83 Resp: 33768
Ion Ratio Lower Upper
83 100
85 63.9 52.9 79.3
127 9.1 7.8 11.6



#48
Methyl methacrylate
Concen: 19.42 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 41 Resp: 11226
Ion Ratio Lower Upper
41 100
69 87.6 71.4 107.0
39 54.5 44.8 67.2





#49

1,4-Dioxane

Concen: 408.68 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

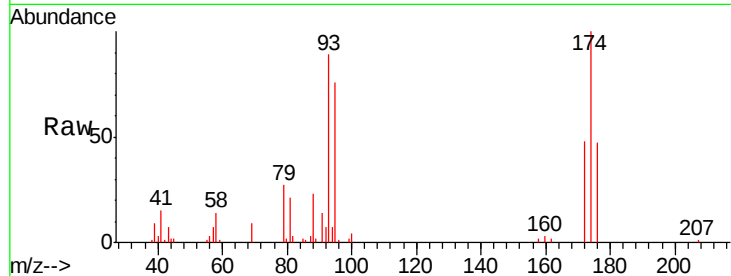
Tgt Ion: 88 Resp: 3514

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

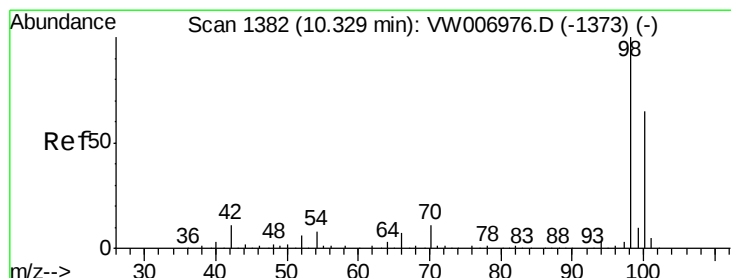
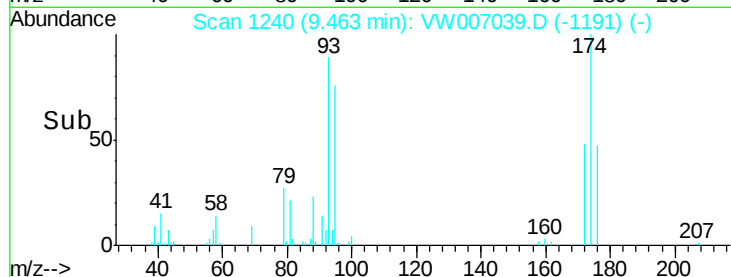
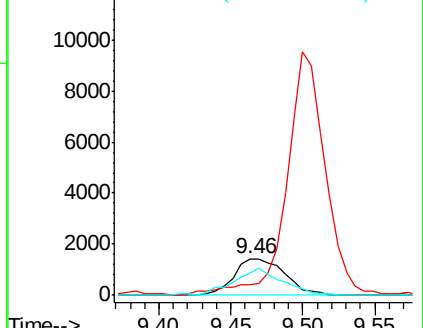
58 71.2 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.43 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007039.D

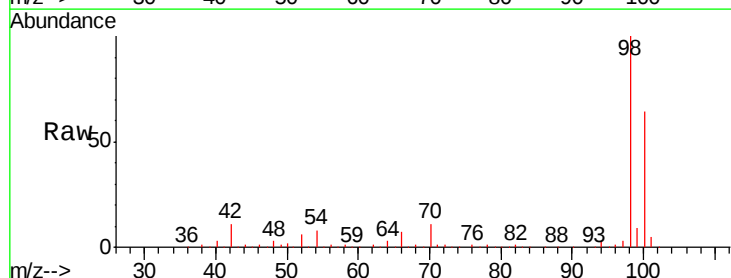
Acq: 26 Nov 2018 11:45

Tgt Ion: 98 Resp: 236711

Ion Ratio Lower Upper

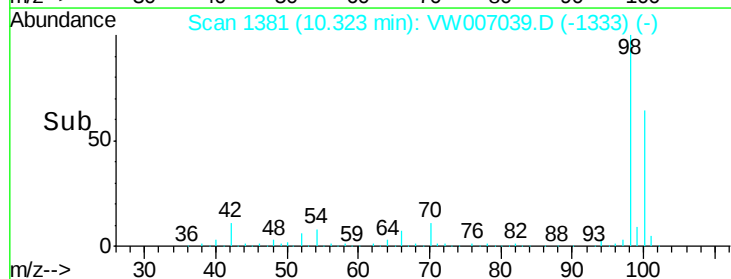
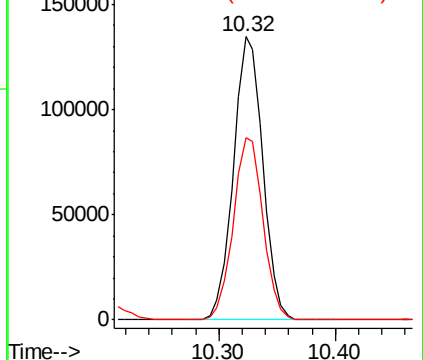
98 100

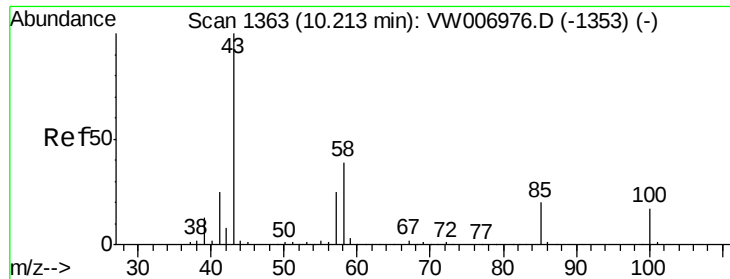
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

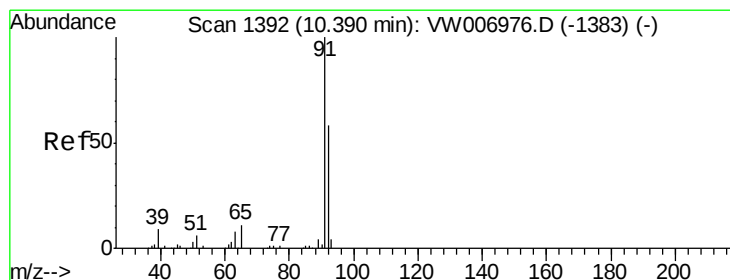
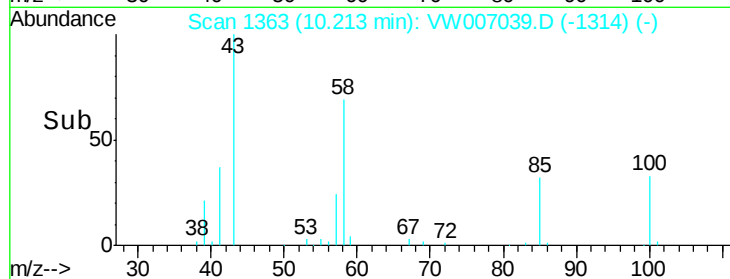
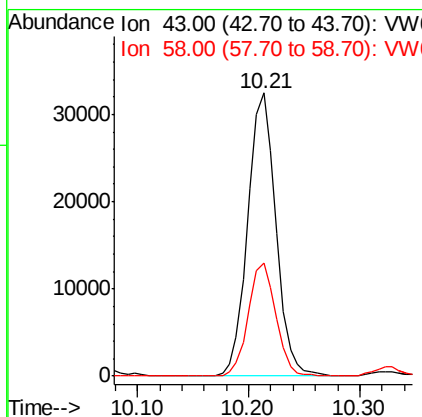
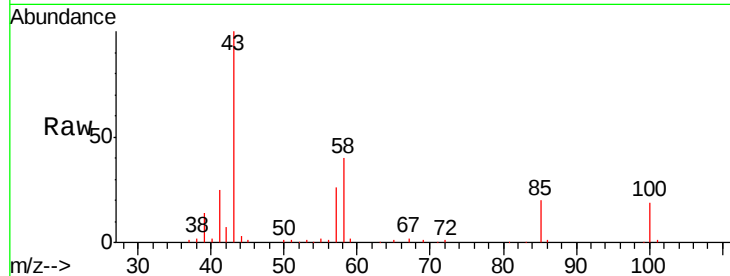




#51
 4-Methyl-2-Pentanone
 Concen: 94.98 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

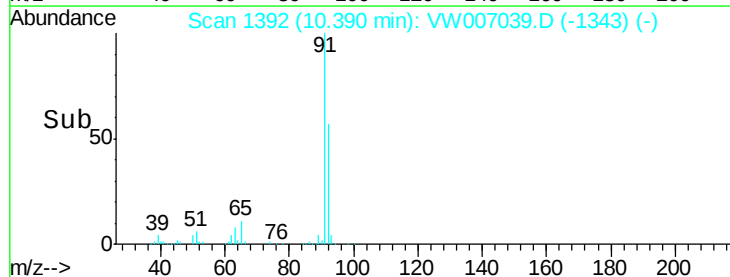
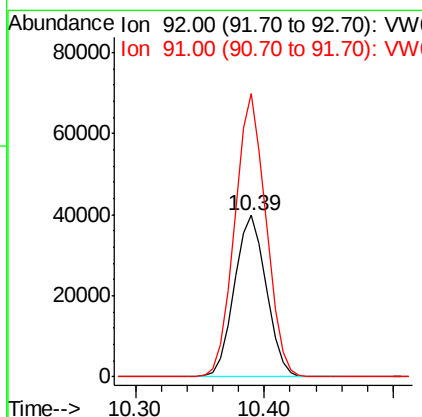
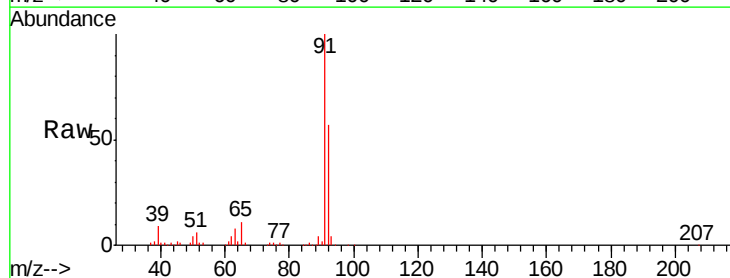
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

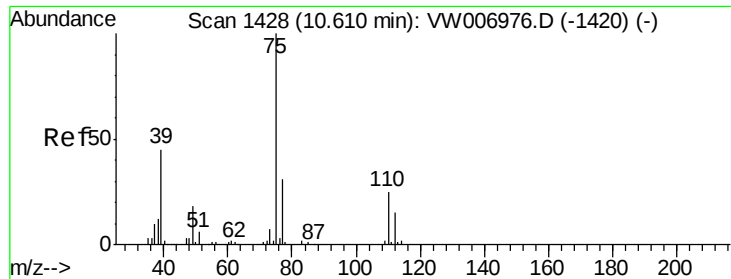
Tgt Ion: 43 Resp: 57547
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.8 47.6



#52
 Toluene
 Concen: 21.47 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 92 Resp: 68472
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 21.20 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

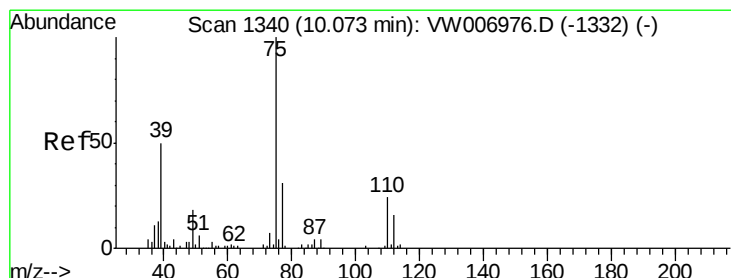
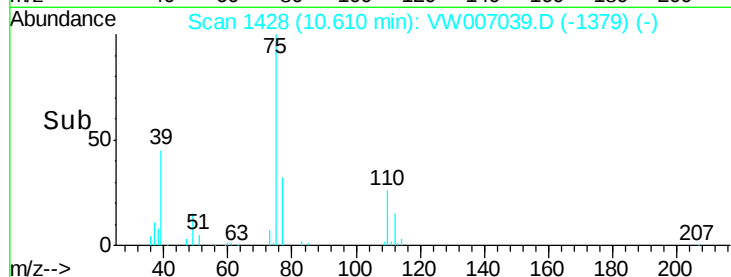
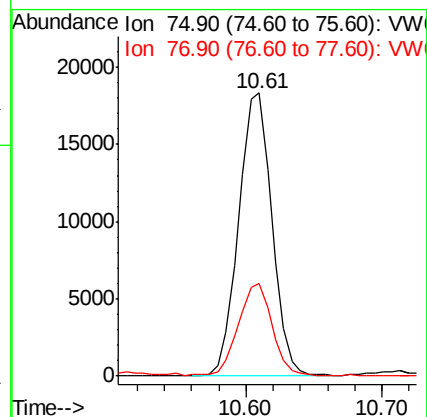
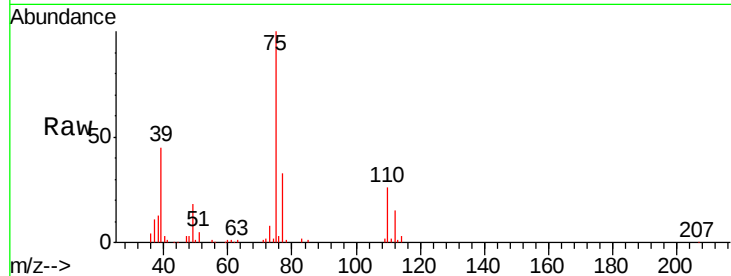
VW1126SBS01

Tgt Ion: 75 Resp: 31296

Ion Ratio Lower Upper

75 100

77 32.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 21.84 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

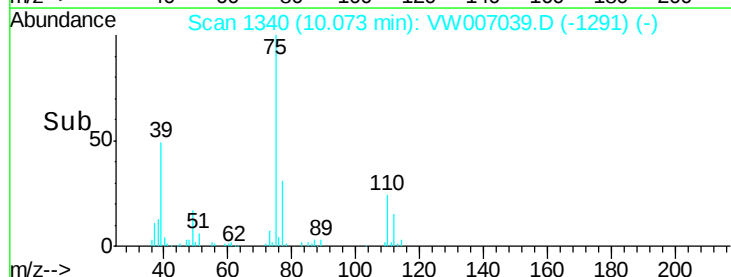
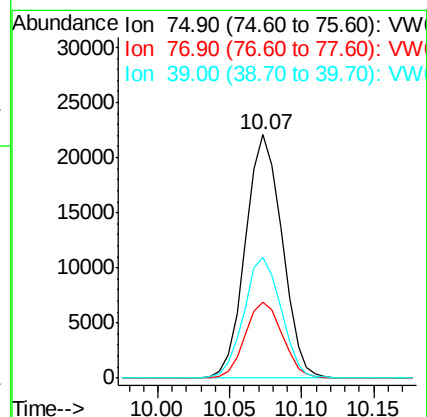
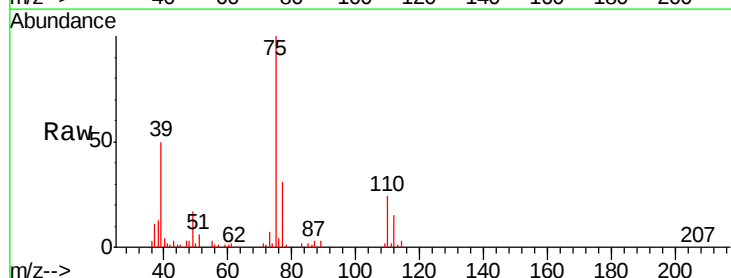
Tgt Ion: 75 Resp: 38961

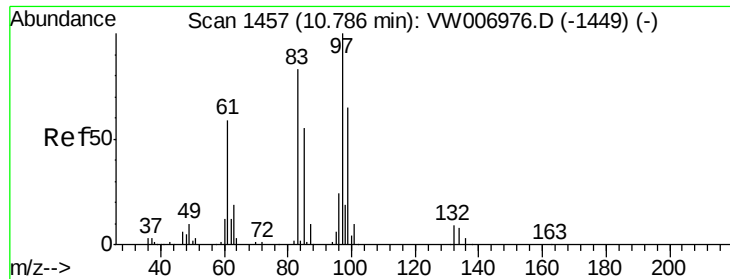
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 49.5 39.9 59.9

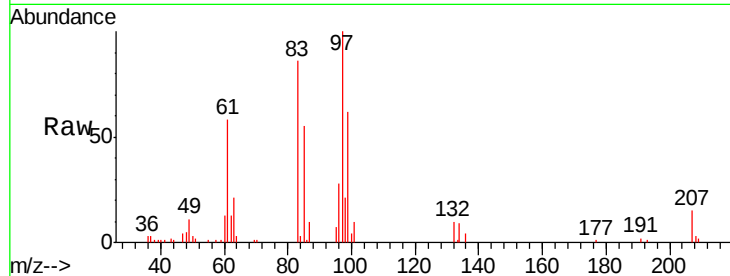




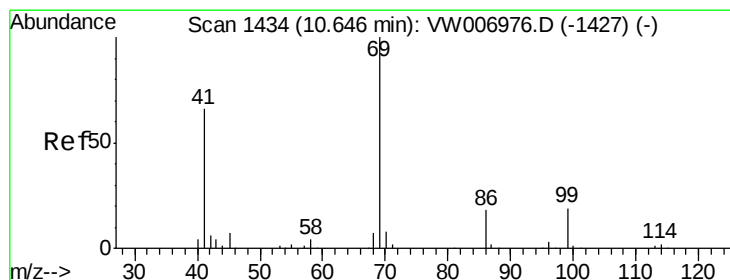
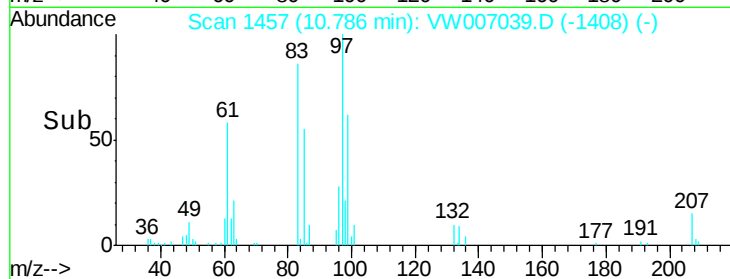
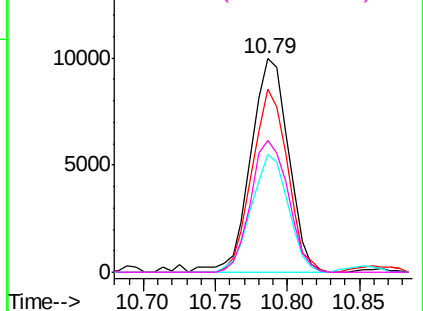
#55
 1,1,2-Trichloroethane
 Concen: 21.19 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion:	97	Resp:	18036
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	55.4	44.1	66.1
99	61.8	51.7	77.5

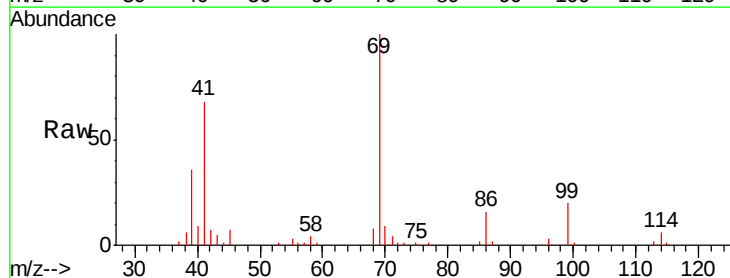


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

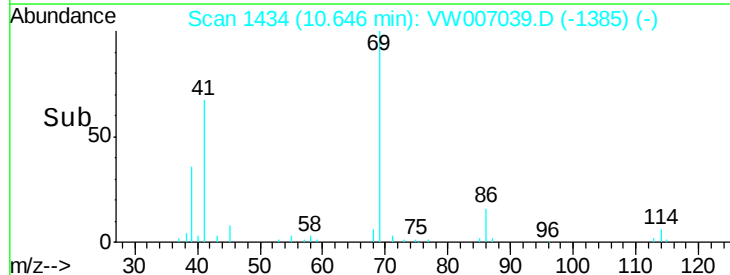
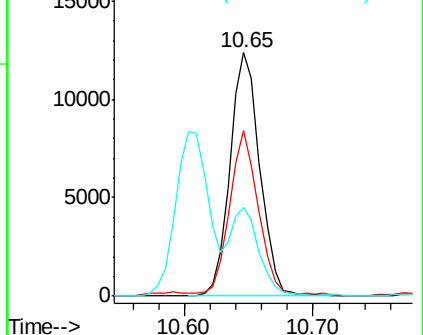


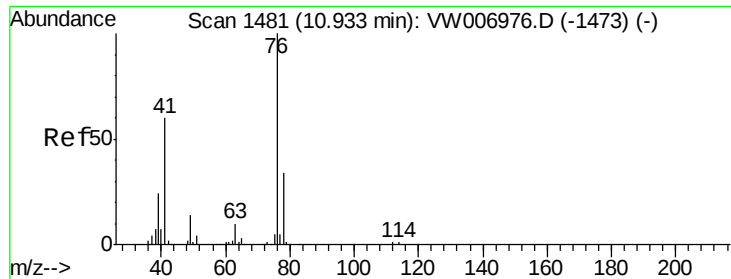
#56
 Ethyl methacrylate
 Concen: 20.17 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:	69	Resp:	19931
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.4	80.0
39	35.9	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

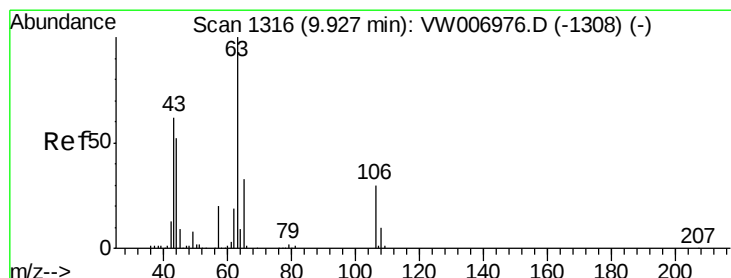
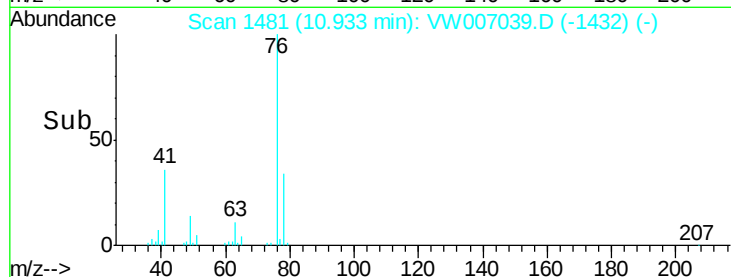
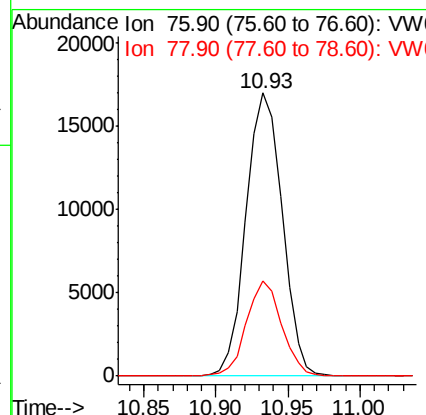
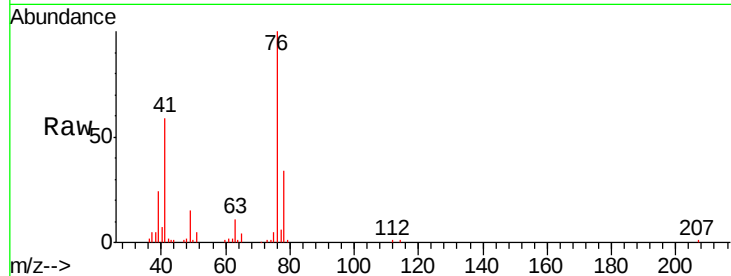




#57
 1,3-Dichloropropane
 Concen: 20.75 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

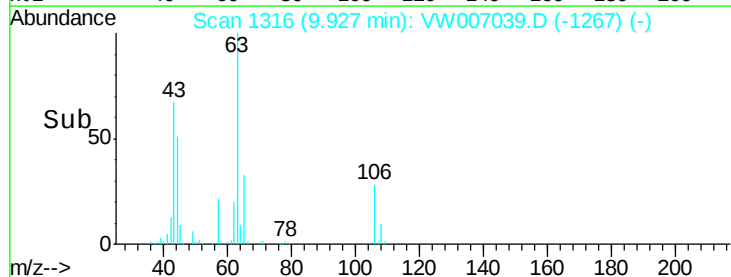
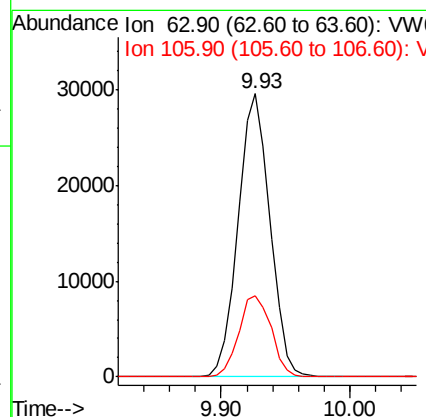
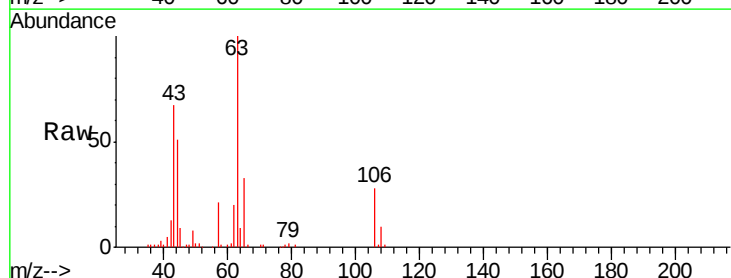
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

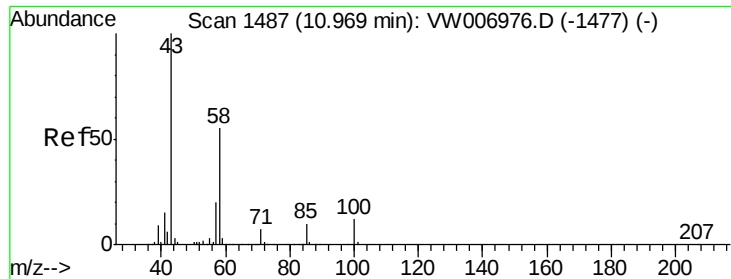
Tgt Ion: 76 Resp: 29593
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.02 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 63 Resp: 50607
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3

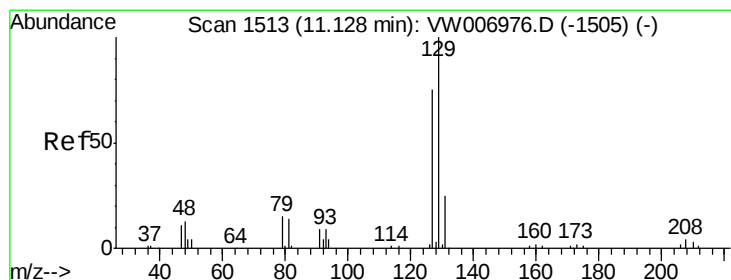
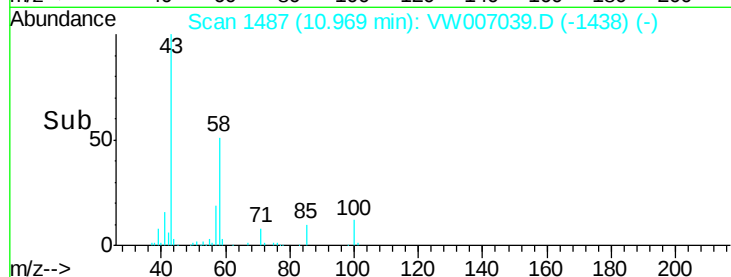
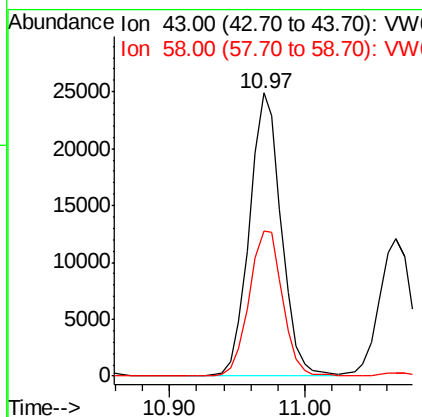
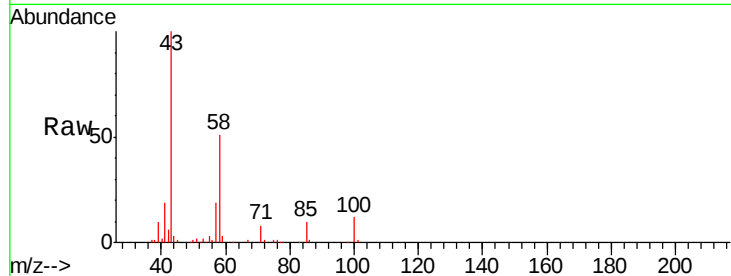




#59
2-Hexanone
Concen: 98.59 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

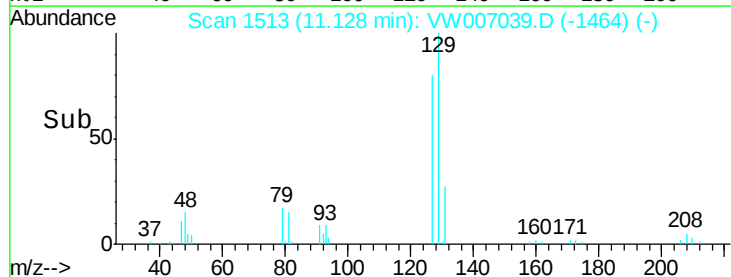
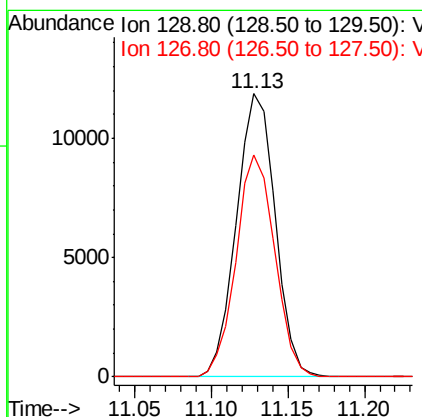
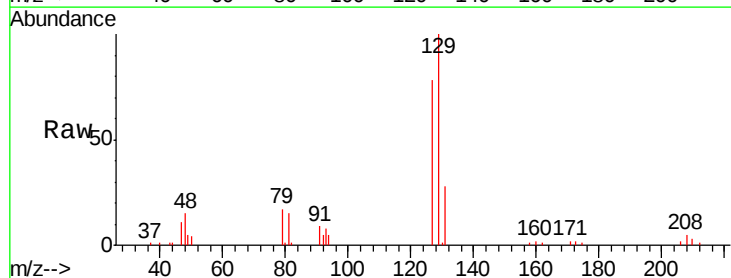
Instrument :
MSVOA_W
ClientSampled :
VW1126SBS01

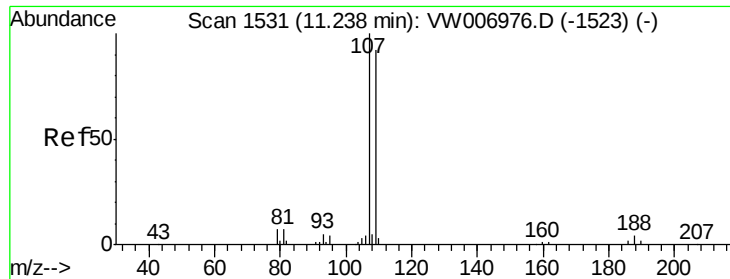
Tgt Ion: 43 Resp: 40905
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.8



#60
Dibromochloromethane
Concen: 21.58 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 129 Resp: 20929
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8

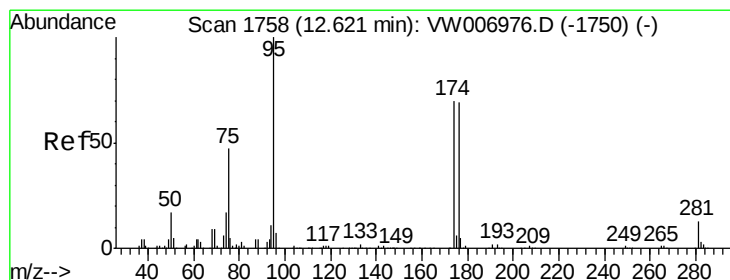
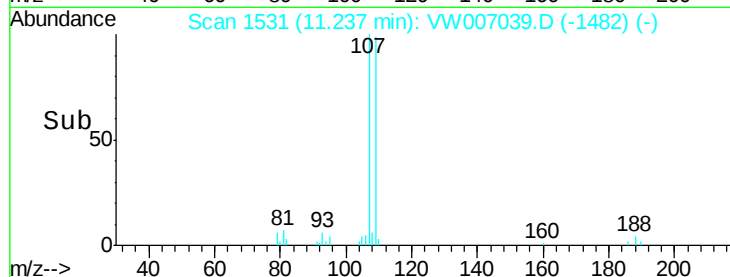
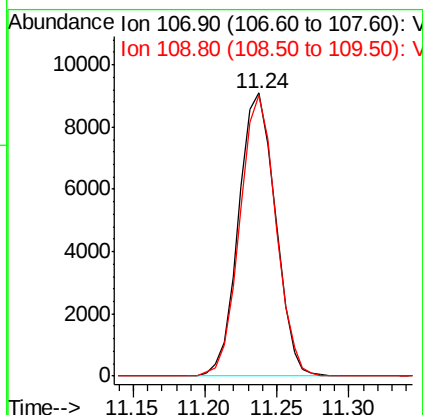
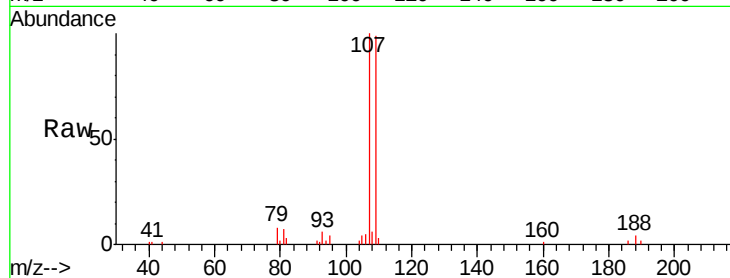




#61
 1,2-Dibromoethane
 Concen: 20.75 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

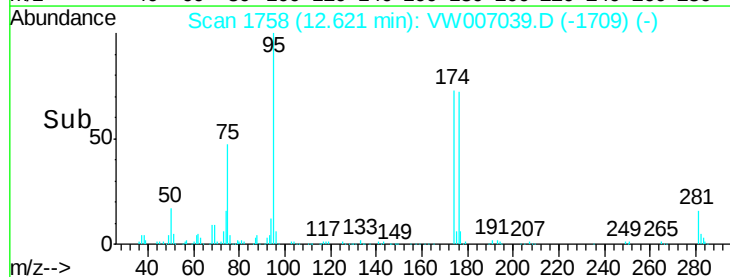
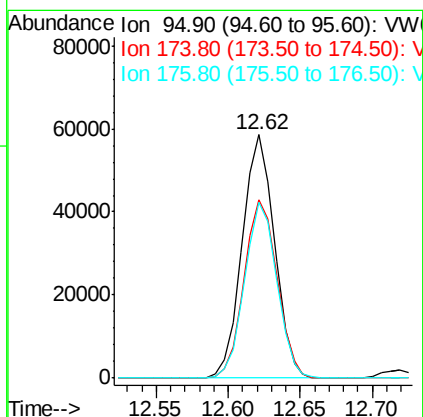
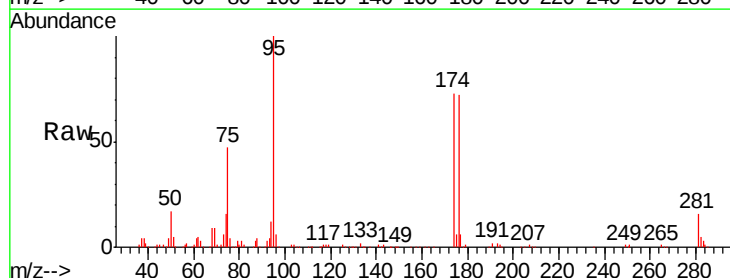
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

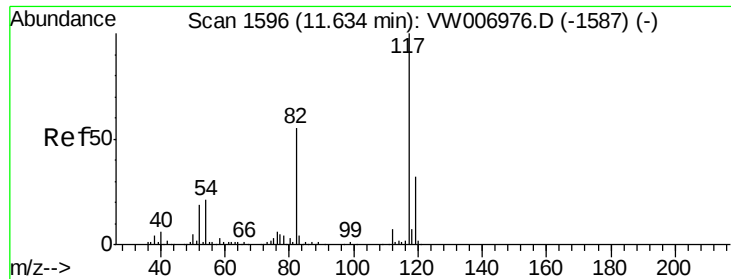
Tgt Ion: 107 Resp: 16160
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.15 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 95 Resp: 90915
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.6
 176 72.1 0.0 140.4

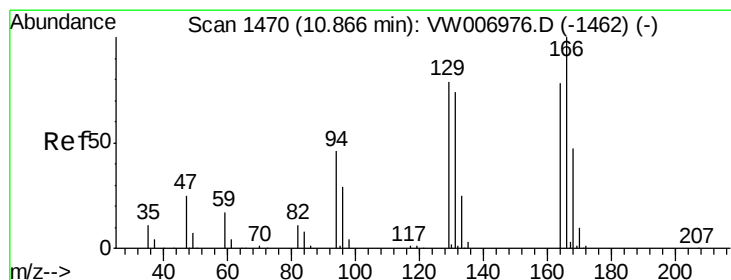
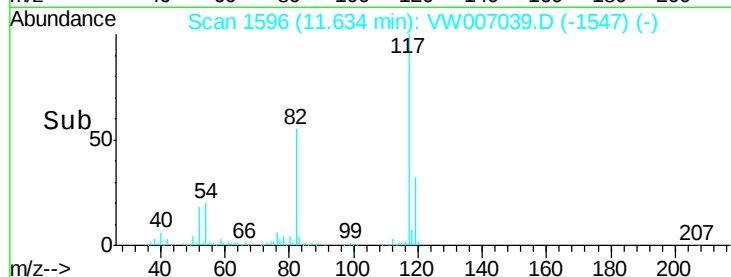
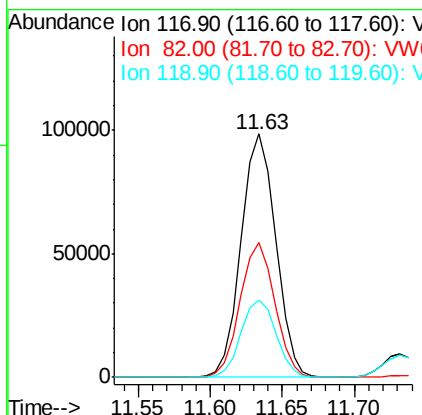
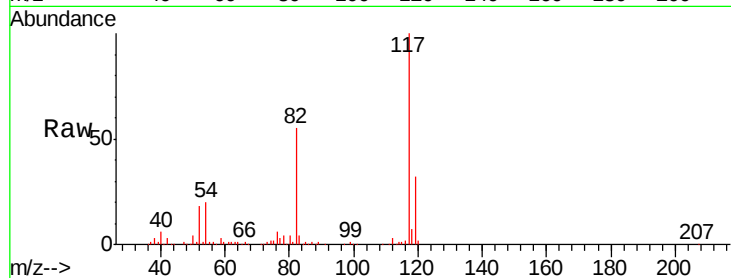




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

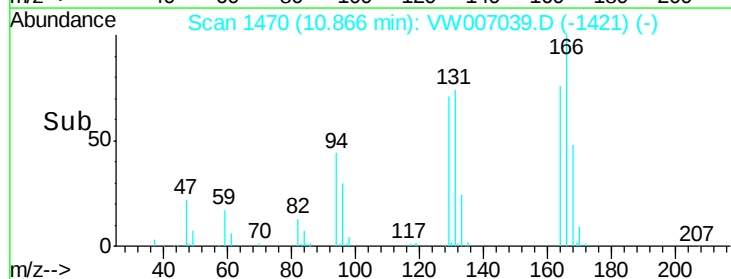
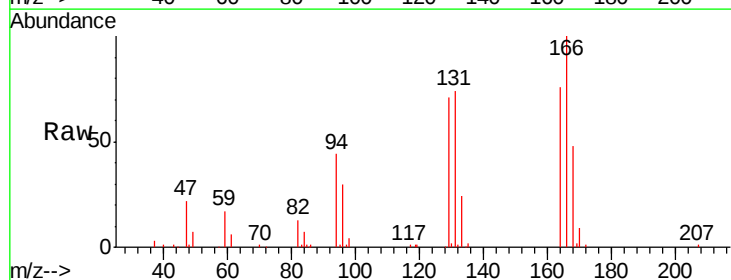
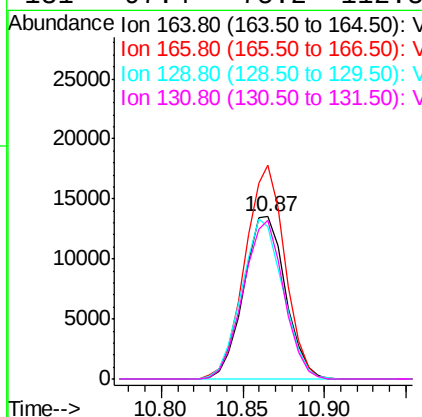
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

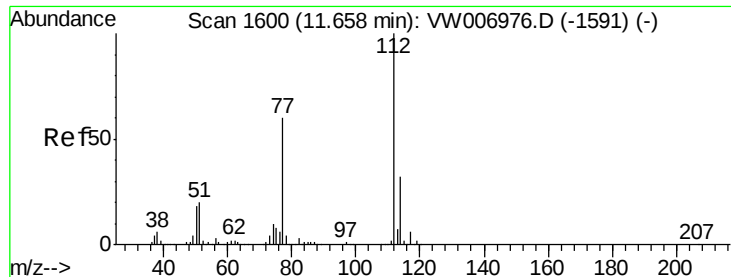
Tgt Ion:117 Resp: 164789
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 22.75 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:164 Resp: 24114
Ion Ratio Lower Upper
164 100
166 131.6 102.1 153.1
129 93.6 80.4 120.6
131 97.4 75.2 112.8

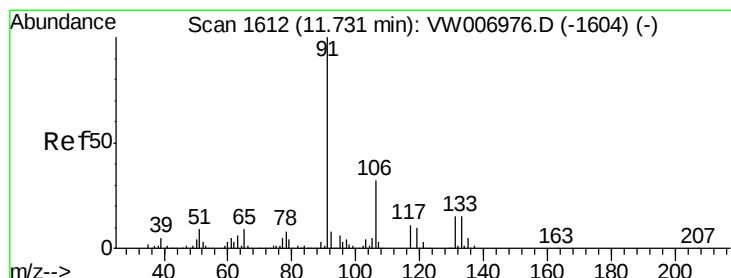
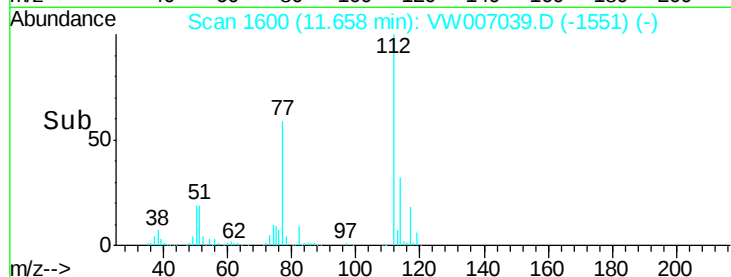
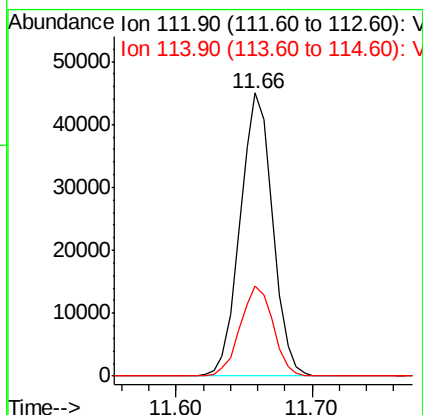
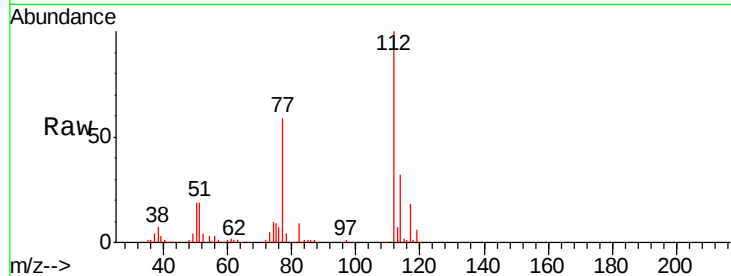




#65
Chlorobenzene
Concen: 21.79 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

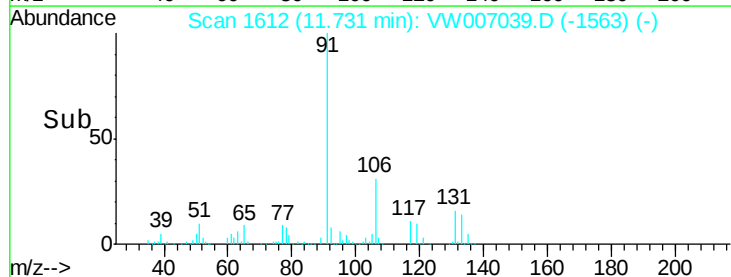
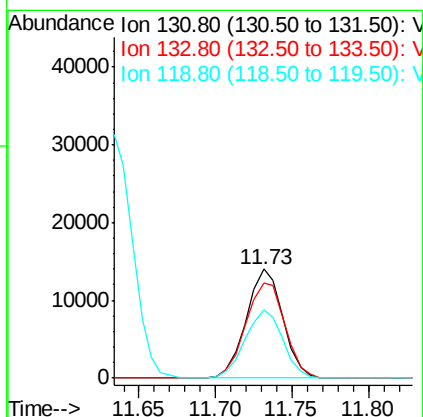
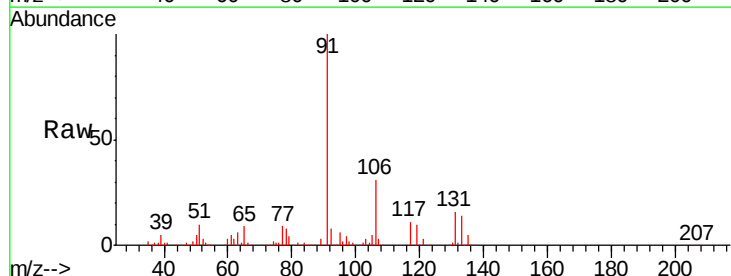
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

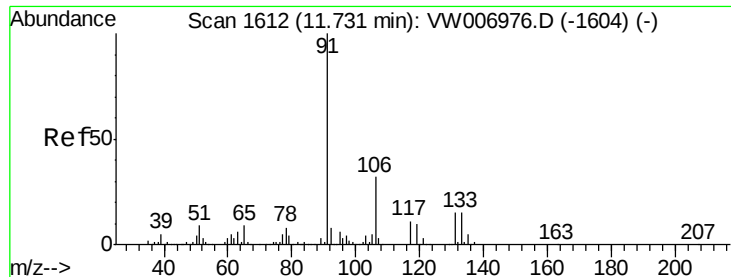
Tgt Ion:112 Resp: 74937
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.37 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:131 Resp: 23270
Ion Ratio Lower Upper
131 100
133 93.6 47.7 143.1
119 64.8 31.8 95.3

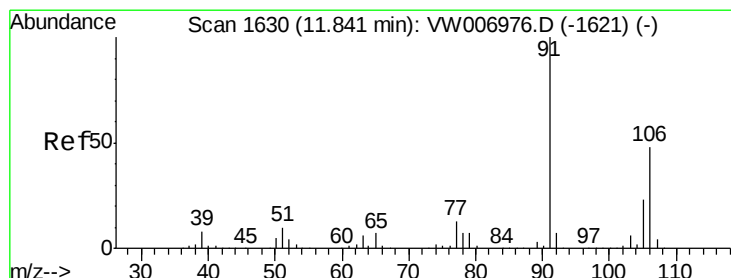
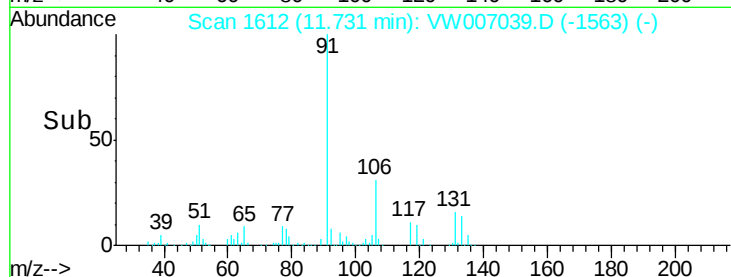
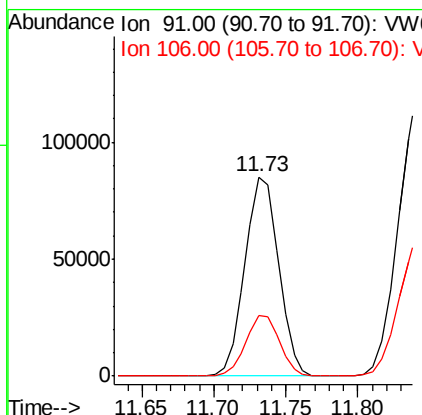
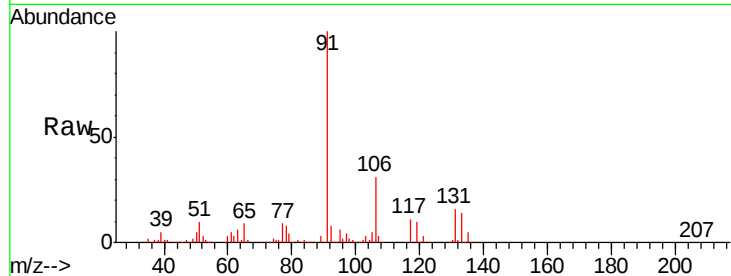




#67
Ethyl Benzene
Concen: 21.93 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

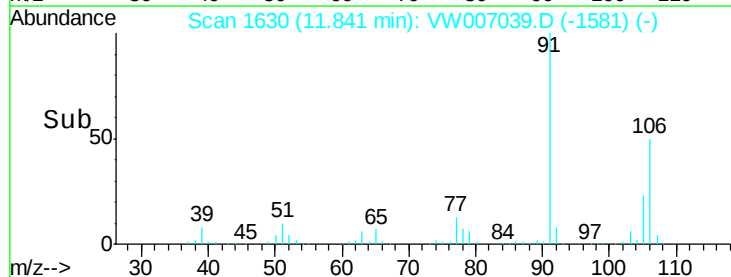
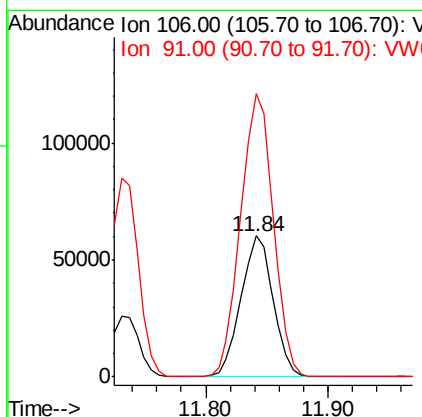
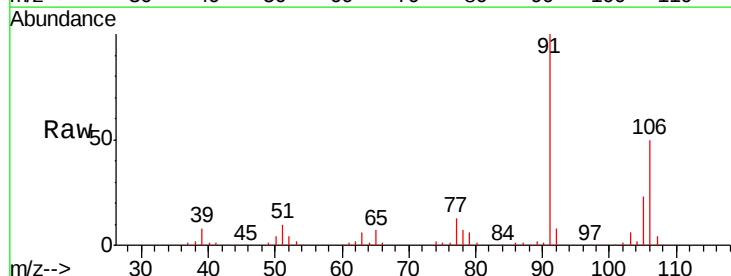
Instrument :
MSVOA_W
ClientSampled :
VW1126SBS01

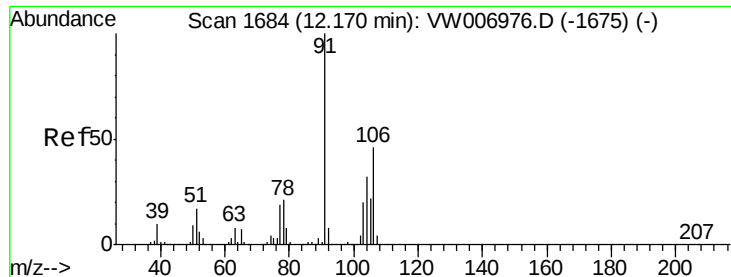
Tgt Ion: 91 Resp: 138585
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 44.56 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 106 Resp: 110466
Ion Ratio Lower Upper
106 100
91 204.4 164.8 247.2

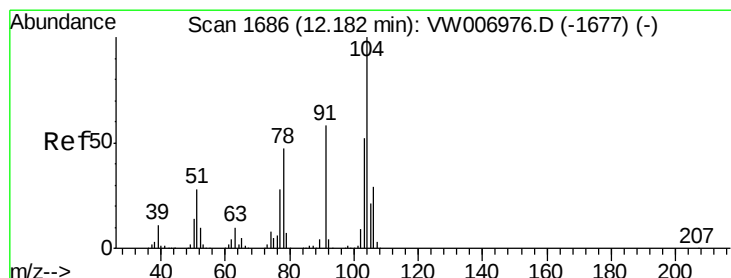
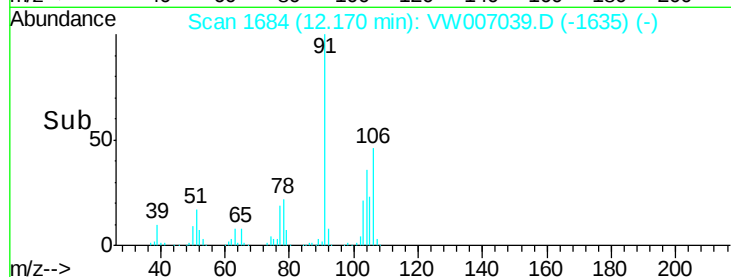
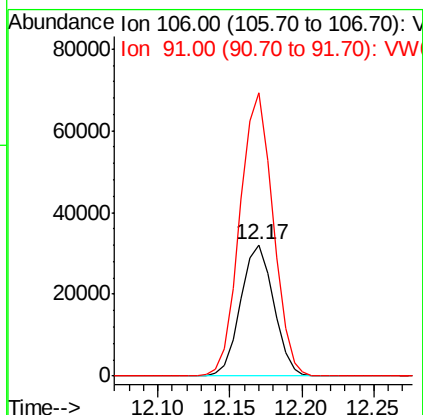
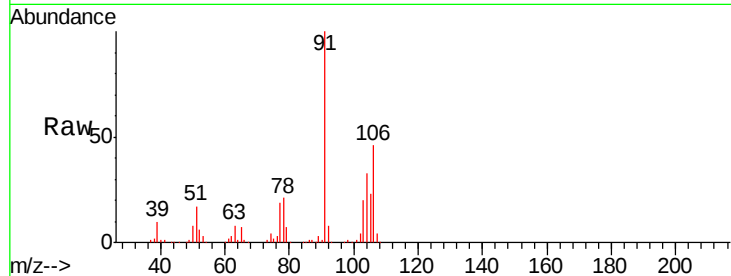




#69
o-Xylene
Concen: 21.82 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

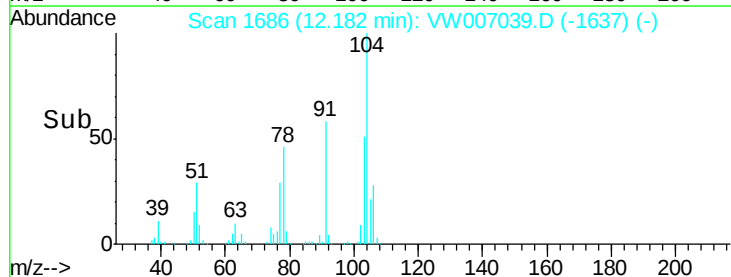
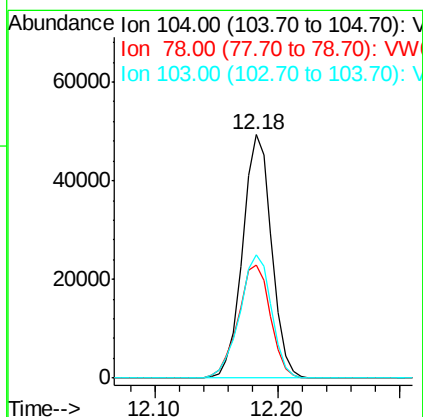
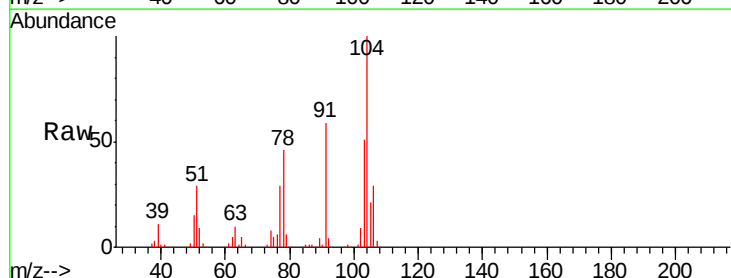
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

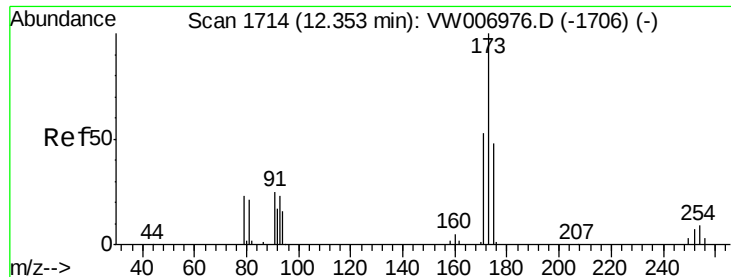
Tgt Ion:106 Resp: 50997
Ion Ratio Lower Upper
106 100
91 217.2 107.9 323.8



#70
Styrene
Concen: 21.79 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:104 Resp: 81050
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.2 44.4 66.6

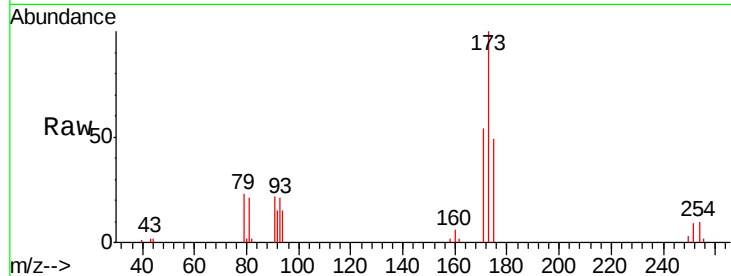




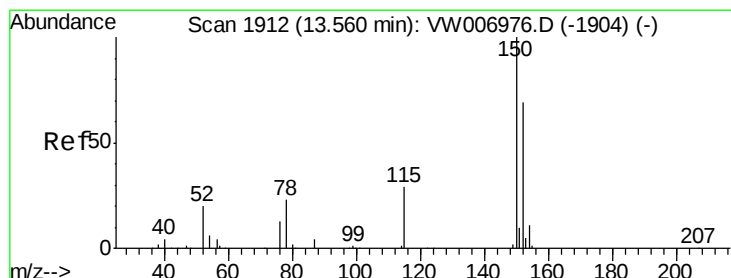
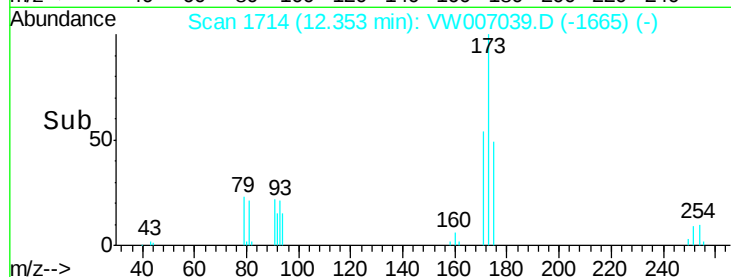
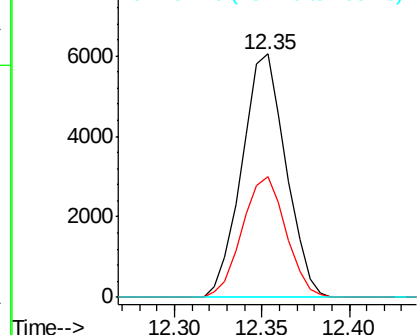
#71
Bromoform
Concen: 21.55 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

Tgt Ion:173 Resp: 10564
Ion Ratio Lower Upper
173 100
175 49.2 24.0 72.0
254 0.0 0.0 0.0

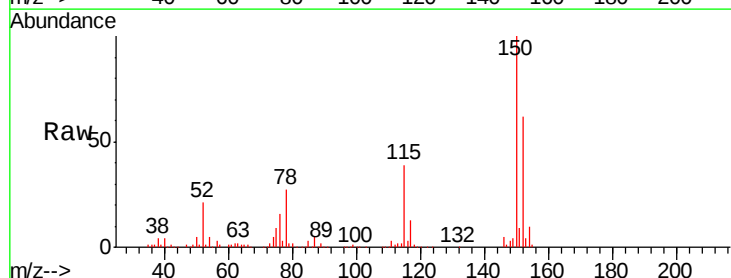


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

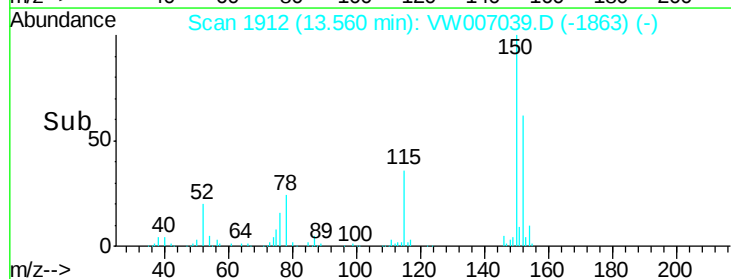
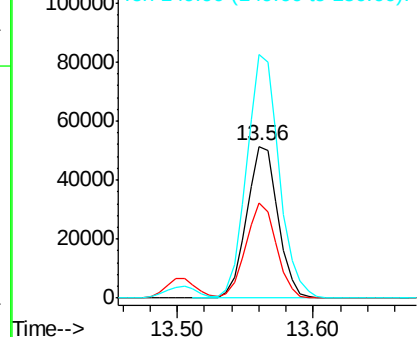


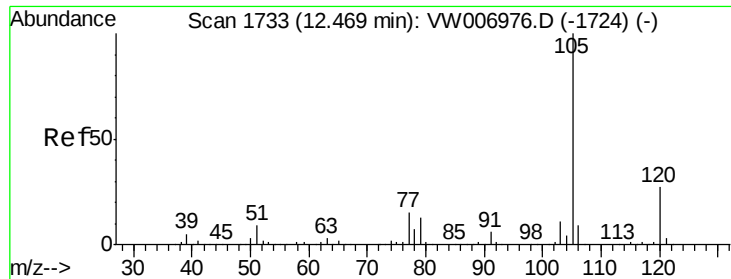
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion:152 Resp: 82603
Ion Ratio Lower Upper
152 100
115 61.3 31.4 94.2
150 166.7 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: 22.08 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

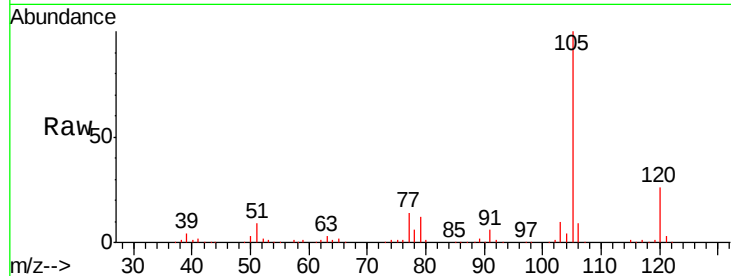
VW1126SBS01

Tgt Ion:105 Resp: 141736

Ion Ratio Lower Upper

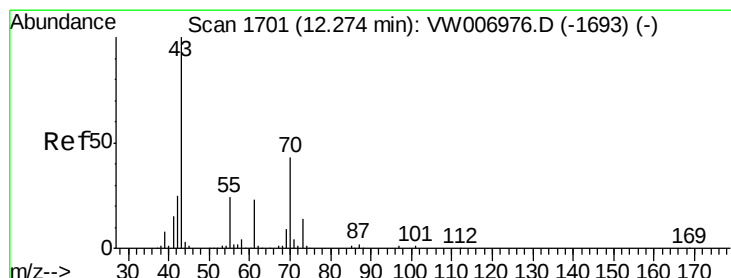
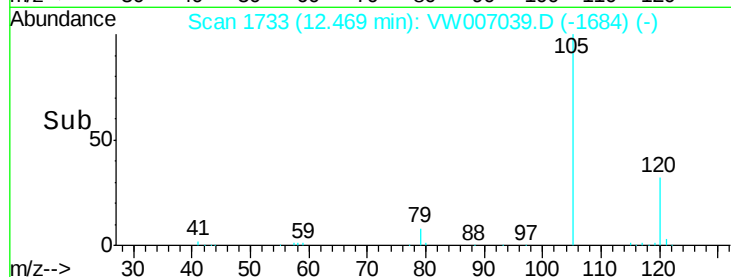
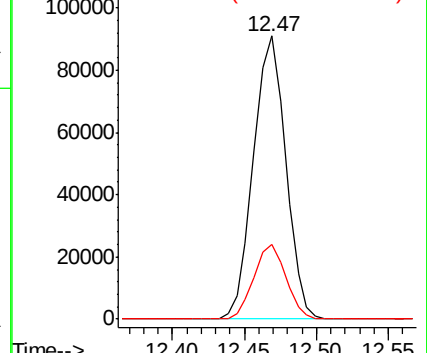
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.56 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Tgt Ion: 43 Resp: 22125

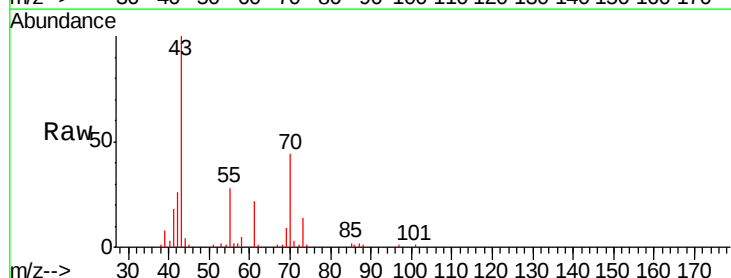
Ion Ratio Lower Upper

43 100

70 43.8 34.0 51.0

55 26.1 19.4 29.0

61 24.0 19.4 29.2

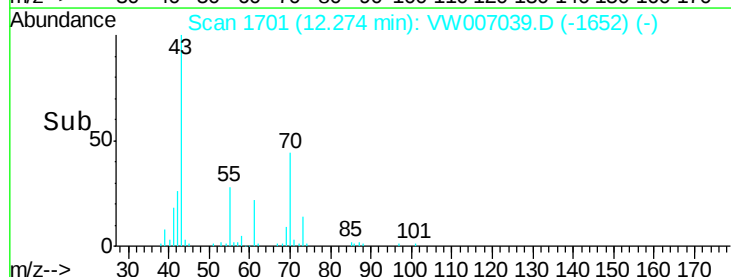
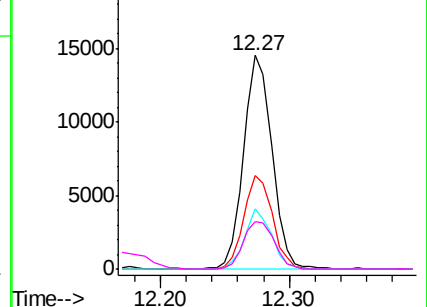


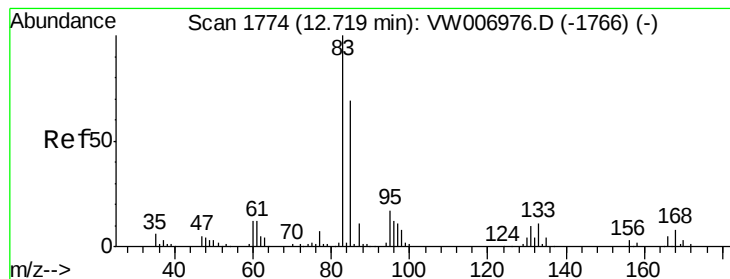
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.60 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

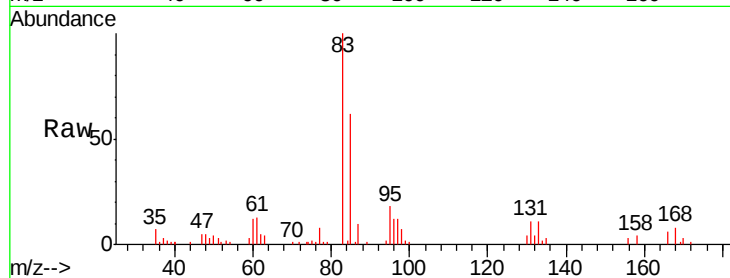
Tgt Ion: 83 Resp: 16742

Ion Ratio Lower Upper

83 100

131 12.6 5.7 17.1

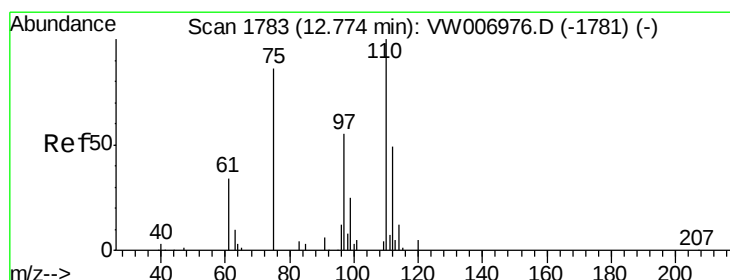
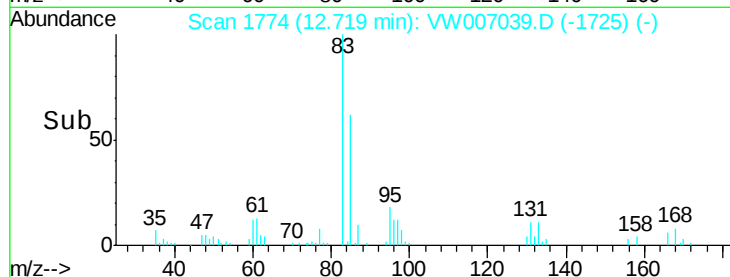
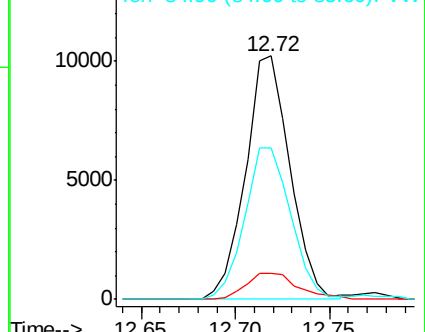
85 64.6 33.1 99.2



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: 37.84 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007039.D

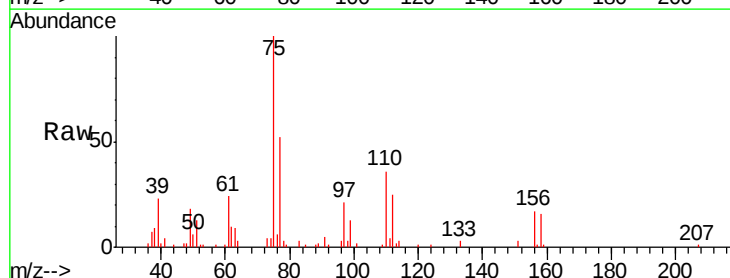
Acq: 26 Nov 2018 11:45

Tgt Ion: 75 Resp: 24561

Ion Ratio Lower Upper

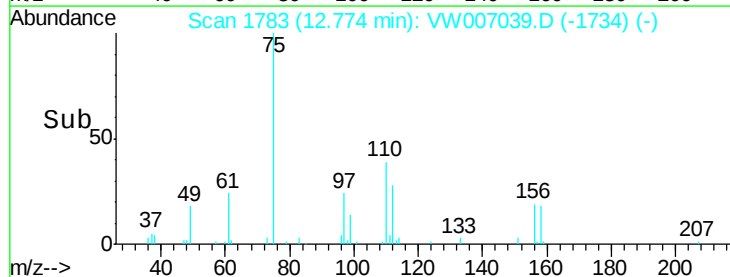
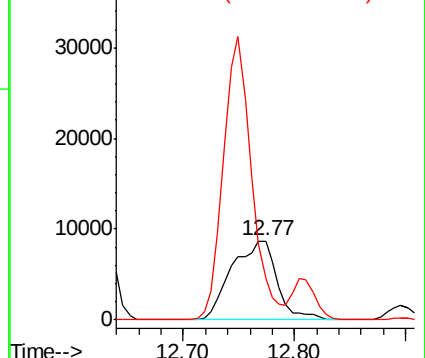
75 100

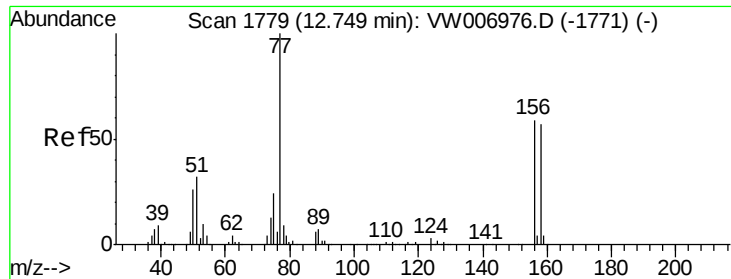
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.18 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

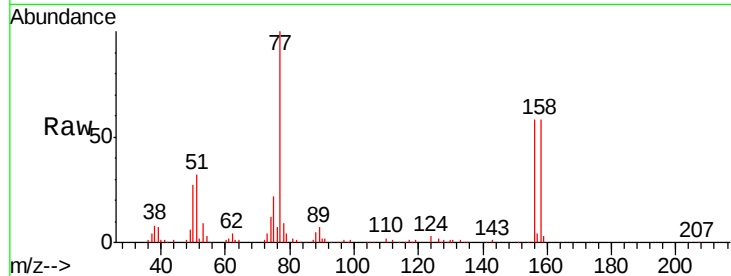
Tgt Ion:156 Resp: 29209

Ion Ratio Lower Upper

156 100

77 189.5 94.6 283.8

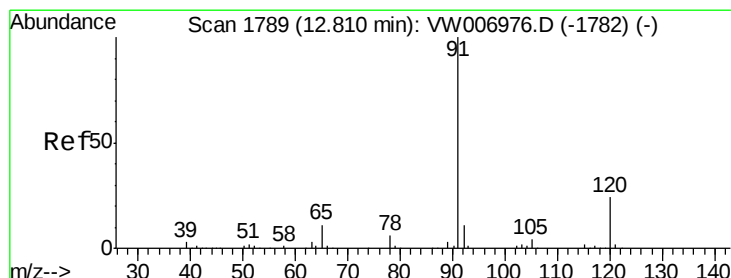
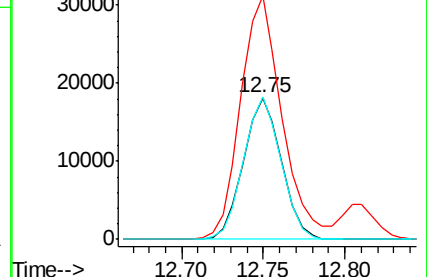
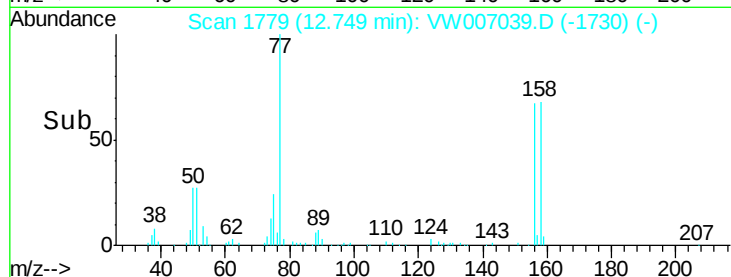
158 99.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.82 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007039.D

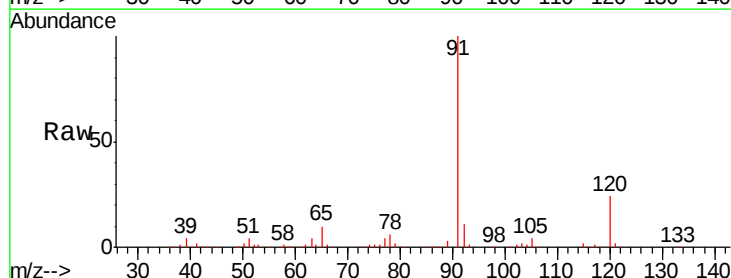
Acq: 26 Nov 2018 11:45

Tgt Ion: 91 Resp: 169653

Ion Ratio Lower Upper

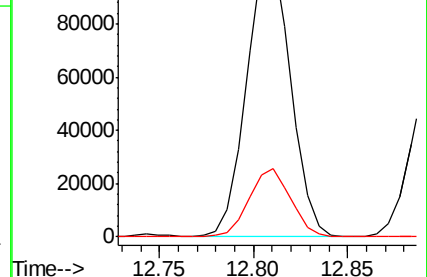
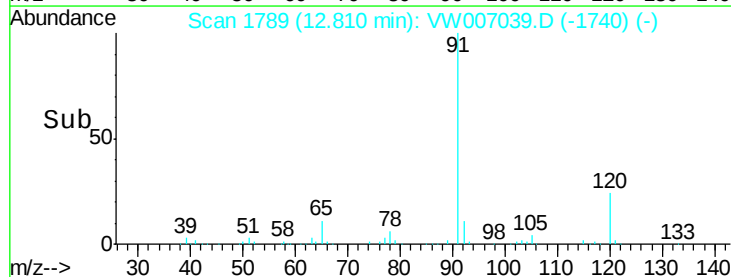
91 100

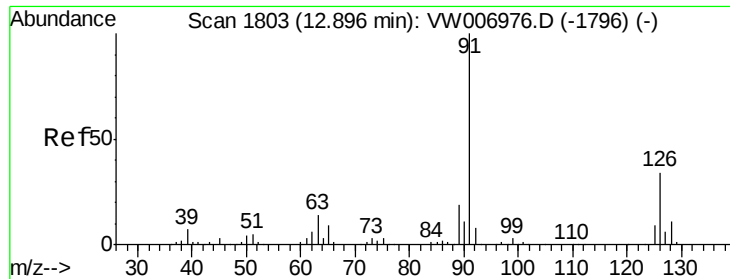
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

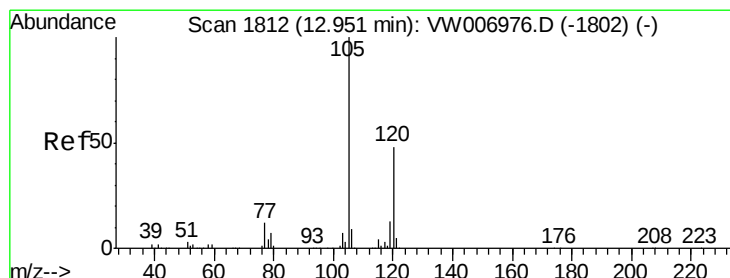
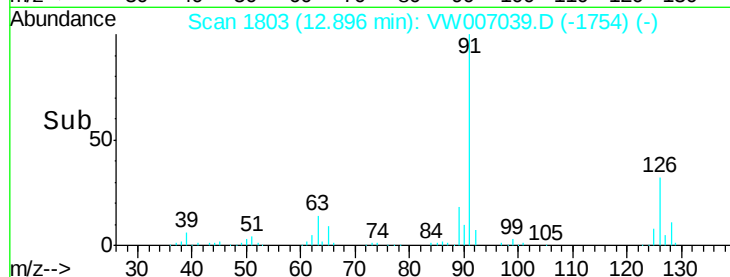
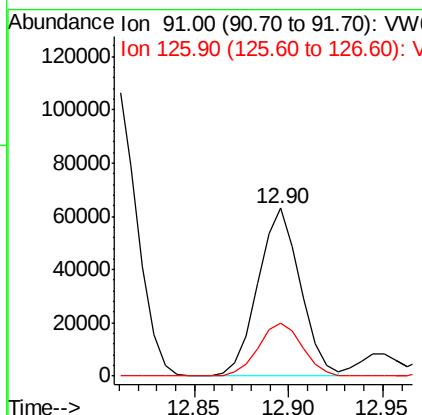
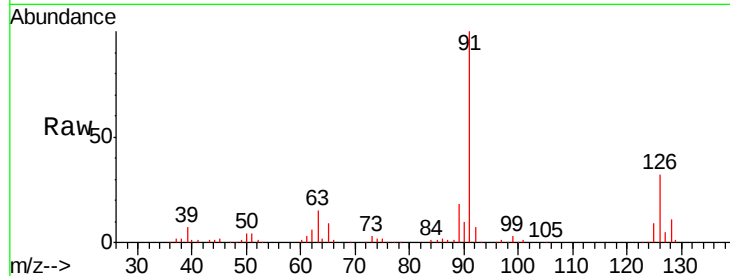




#79
 2-Chlorotoluene
 Concen: 21.86 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

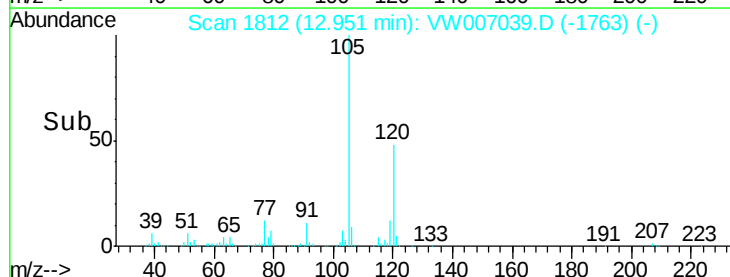
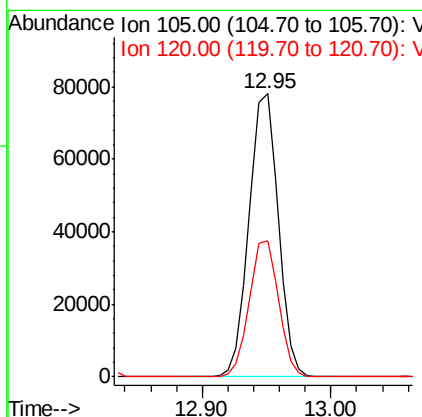
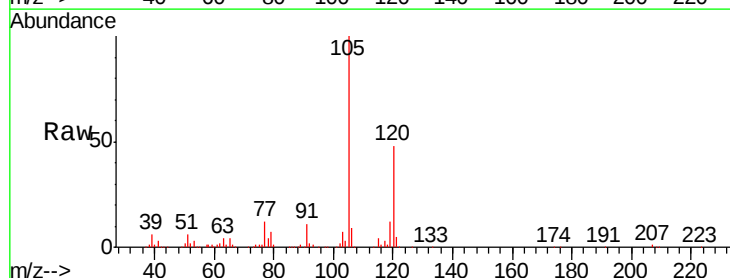
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

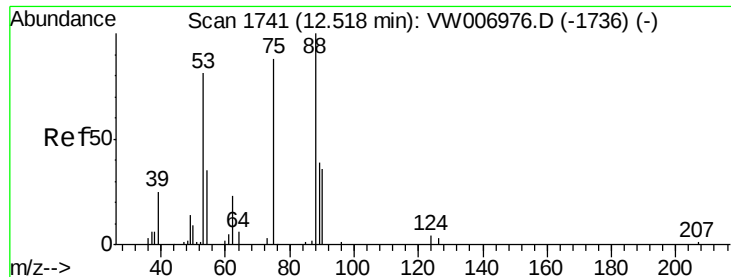
Tgt Ion: 91 Resp: 98025
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.01 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion: 105 Resp: 122206
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.2

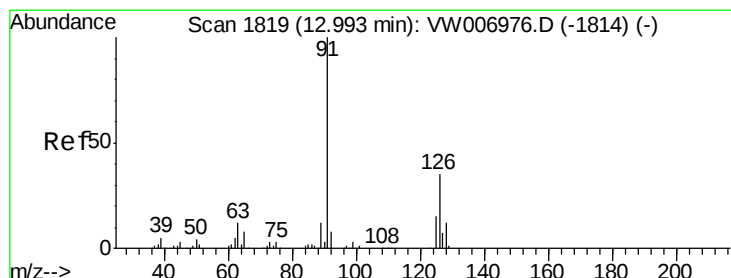
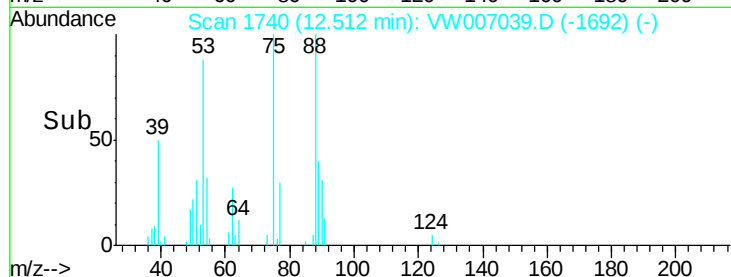
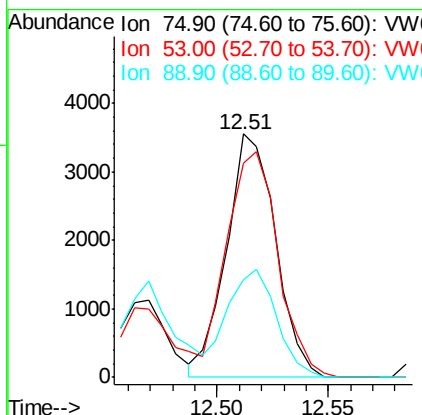
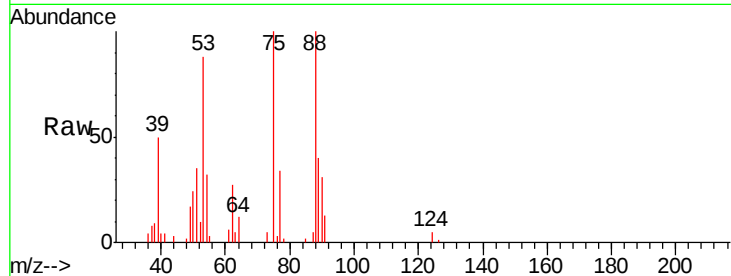




#81
trans-1,4-Dichloro-2-butene
Concen: 21.12 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

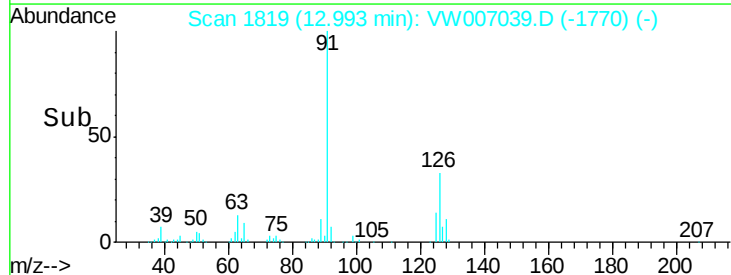
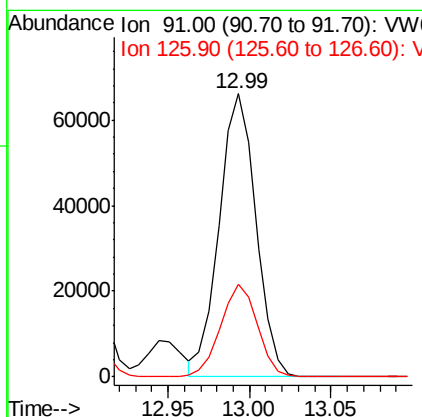
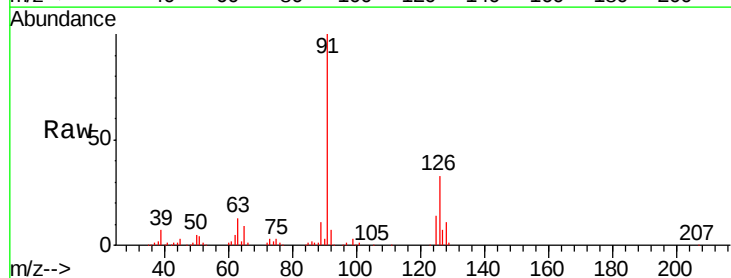
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS01

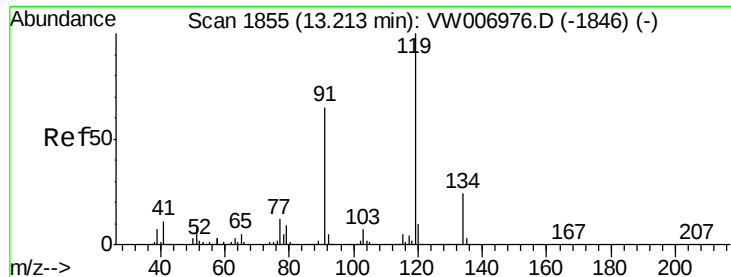
Tgt Ion: 75 Resp: 5461
Ion Ratio Lower Upper
75 100
53 96.5 77.6 116.4
89 44.6 39.3 58.9



#82
4-Chlorotoluene
Concen: 22.04 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007039.D
Acq: 26 Nov 2018 11:45

Tgt Ion: 91 Resp: 103717
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7

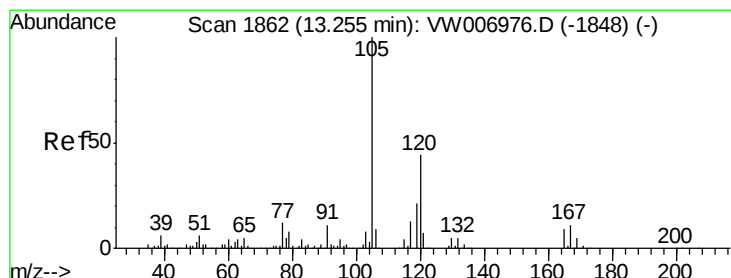
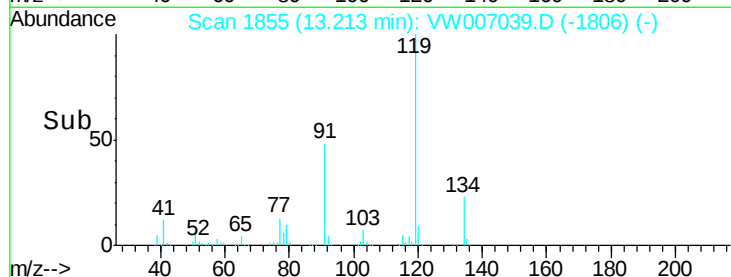
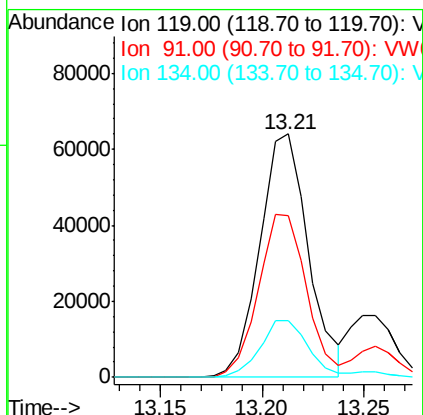
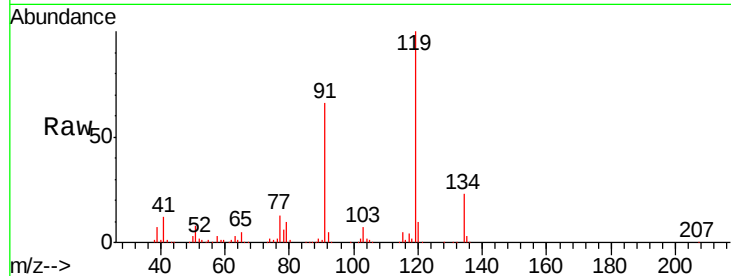




#83
 tert-Butylbenzene
 Concen: 22.09 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

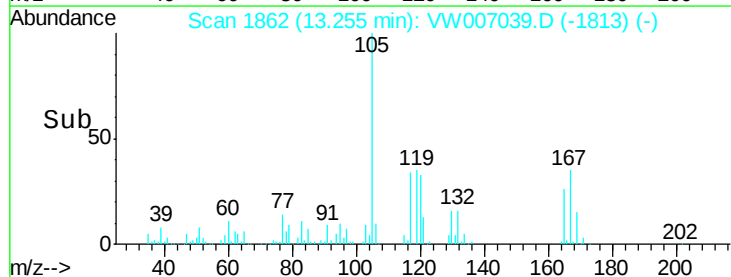
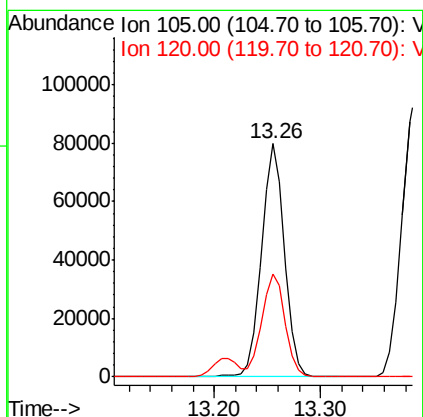
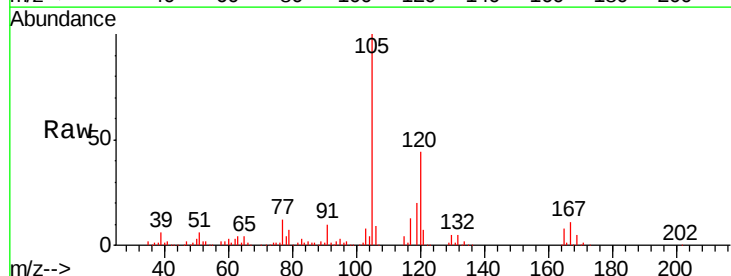
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

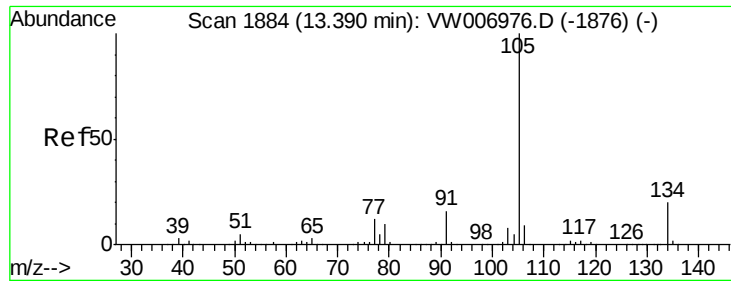
Tgt Ion:119 Resp: 106156
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.5 100.5
 134 23.5 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.76 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:105 Resp: 120330
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.8 65.3

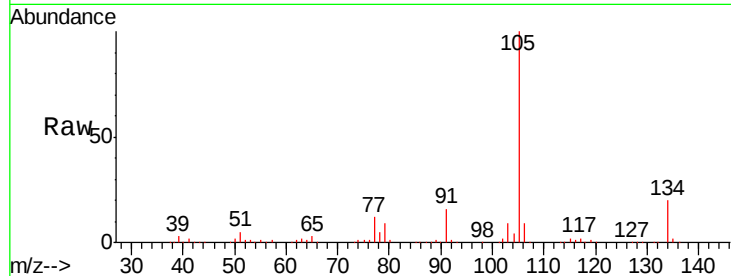




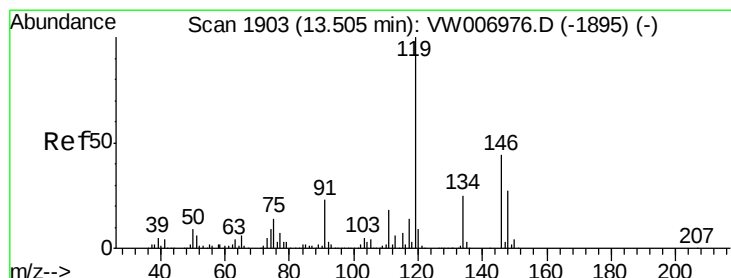
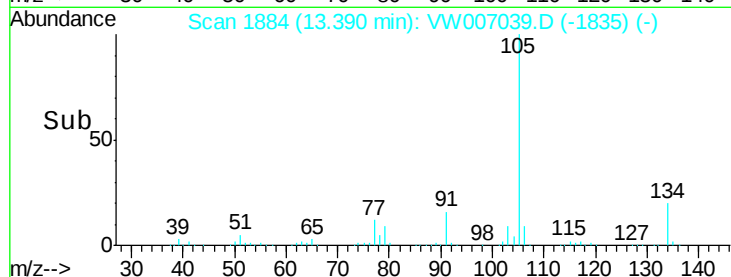
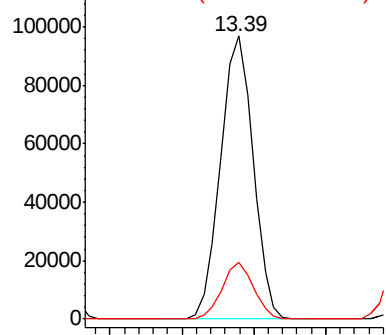
#85
 sec-Butylbenzene
 Concen: 22.31 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

Tgt Ion:105 Resp: 151482
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

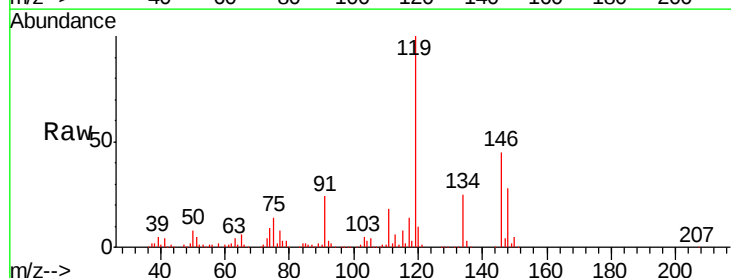


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

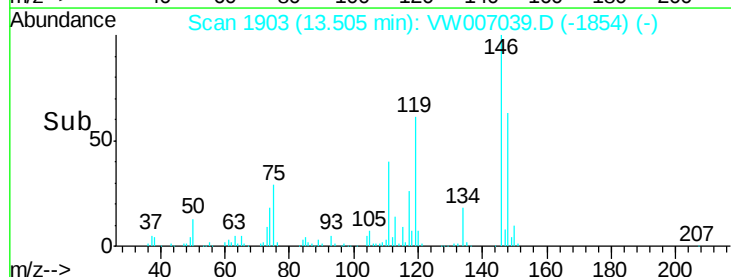
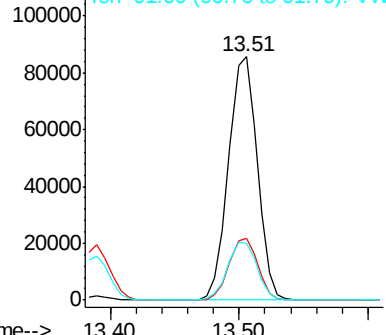


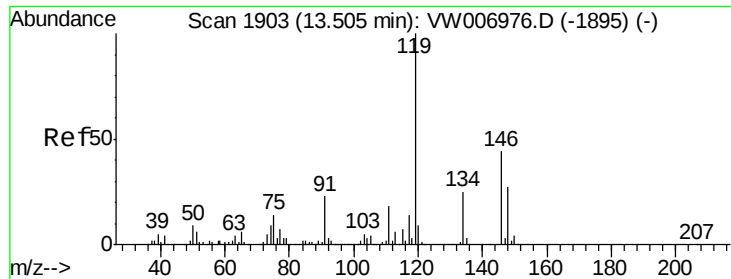
#86
 p-Isopropyltoluene
 Concen: 22.10 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:119 Resp: 132406
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

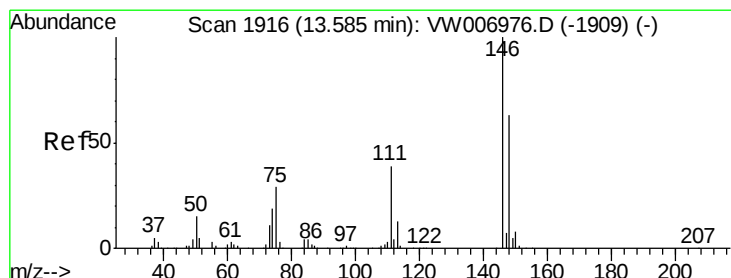
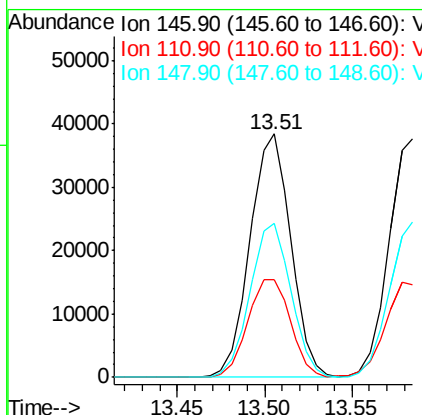
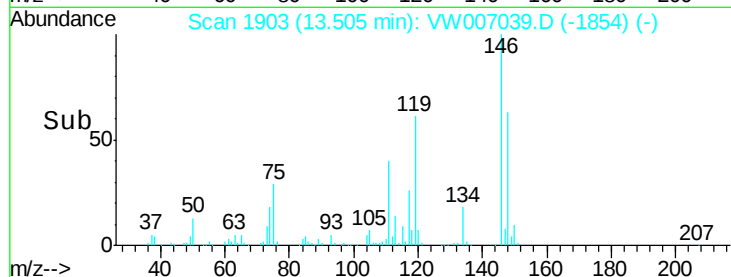
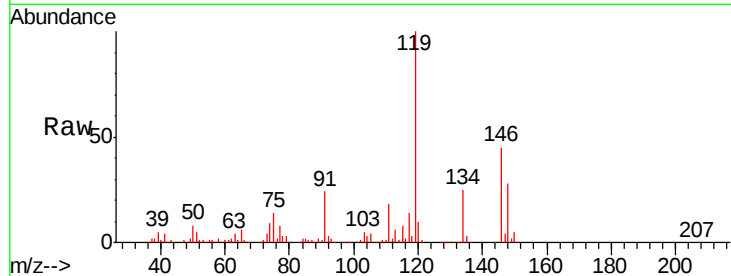




#87
 1,3-Dichlorobenzene
 Concen: 22.14 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

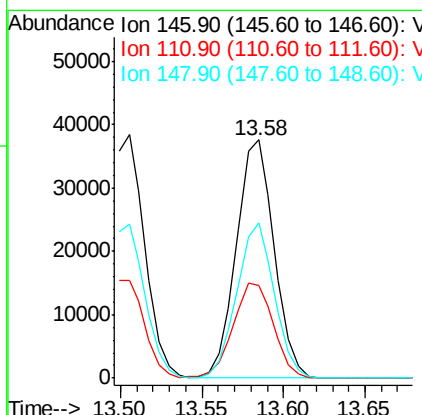
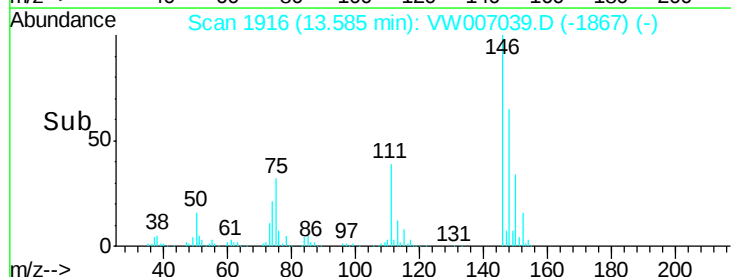
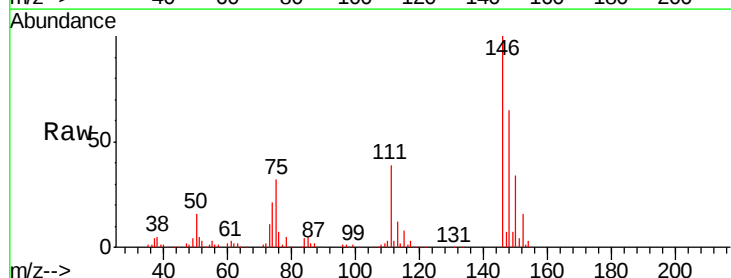
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

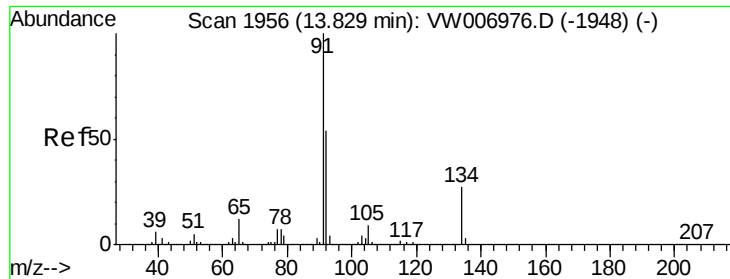
Tgt Ion:146 Resp: 62316
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.62 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:146 Resp: 60676
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 22.17 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

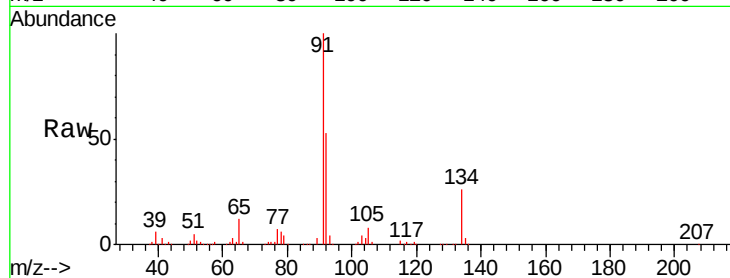
Tgt Ion: 91 Resp: 125003

Ion Ratio Lower Upper

91 100

92 52.2 26.8 80.4

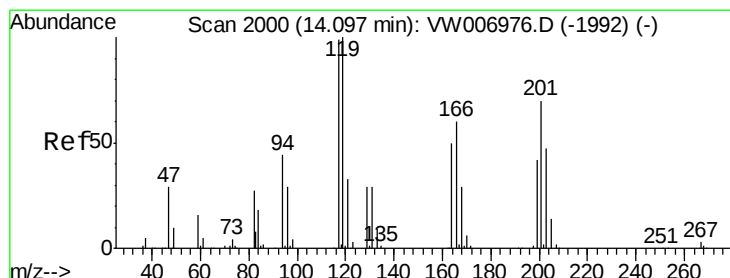
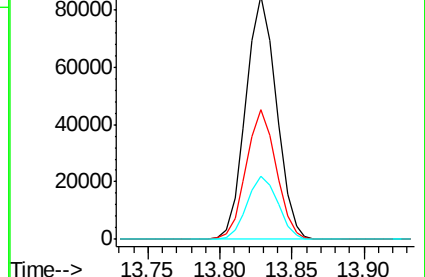
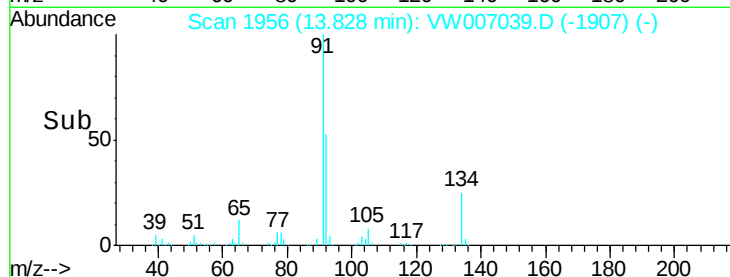
134 26.0 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.39 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007039.D

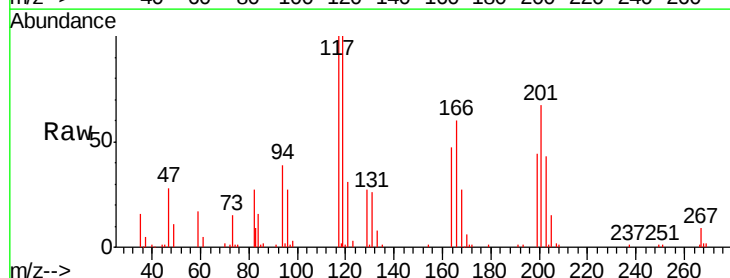
Acq: 26 Nov 2018 11:45

Tgt Ion: 117 Resp: 19580

Ion Ratio Lower Upper

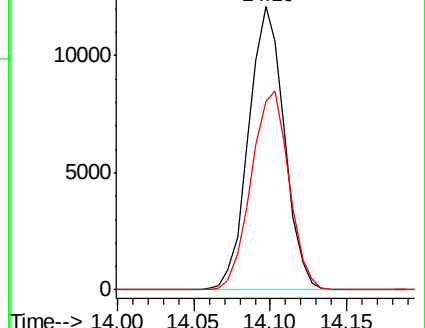
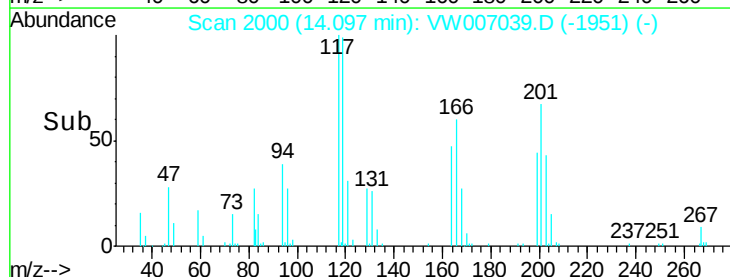
117 100

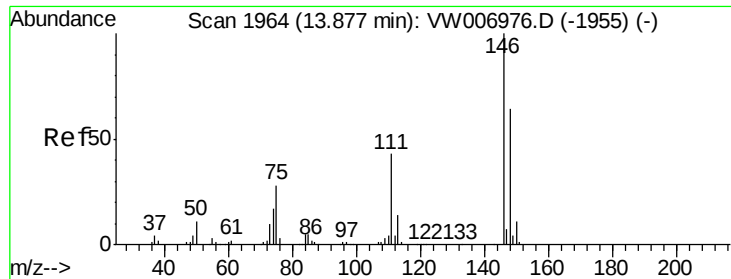
201 74.7 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.52 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

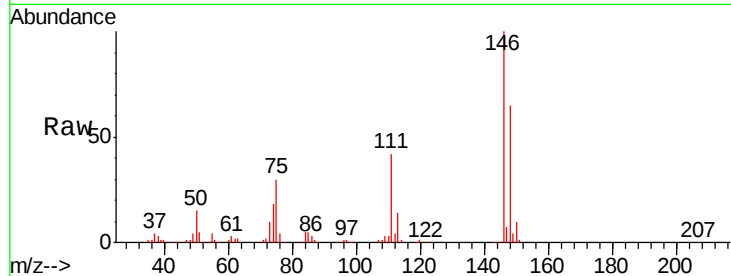
Tgt Ion:146 Resp: 53069

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.7

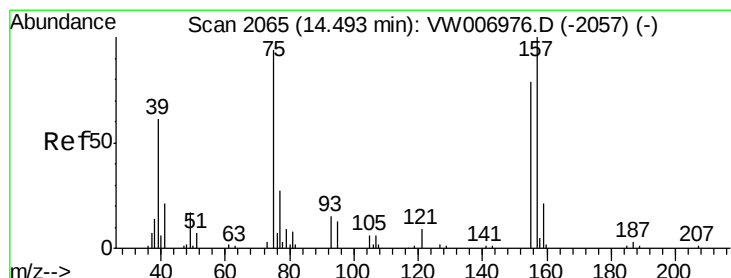
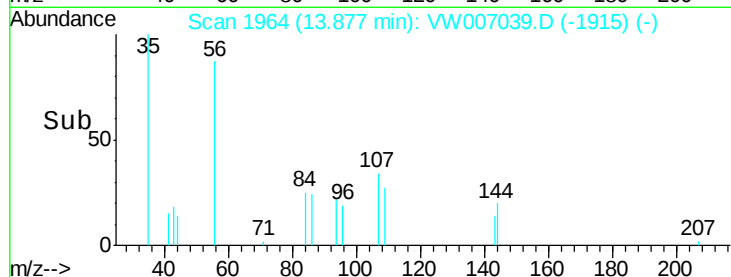
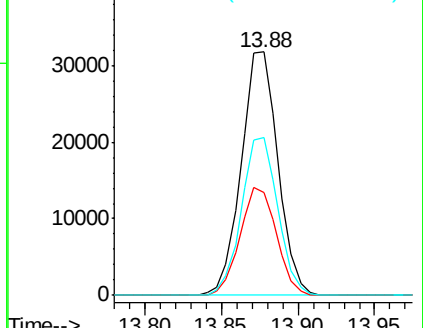
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.09 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

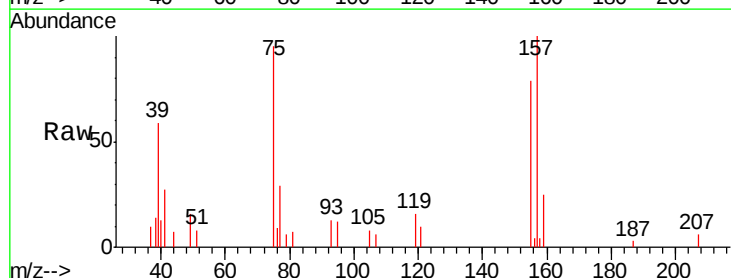
Tgt Ion: 75 Resp: 3043

Ion Ratio Lower Upper

75 100

155 80.6 42.6 127.8

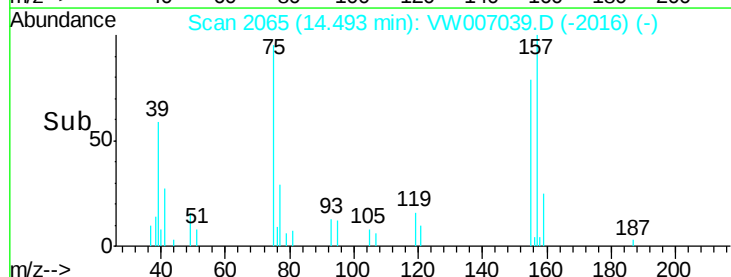
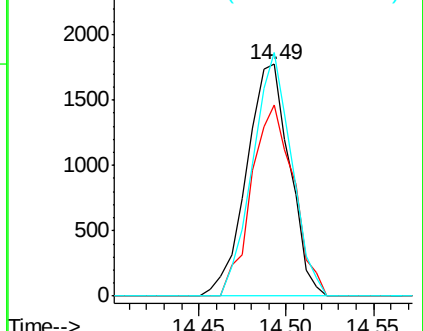
157 94.9 55.0 165.0

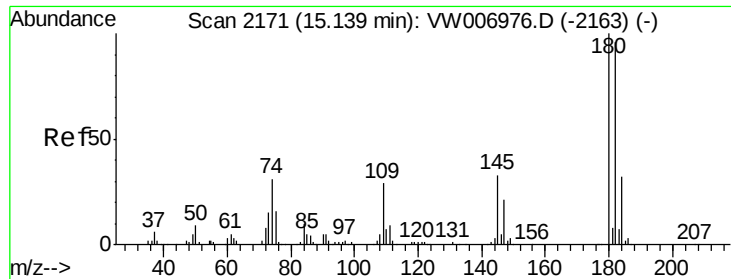


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

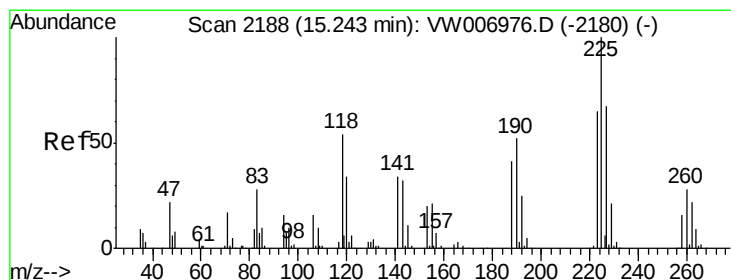
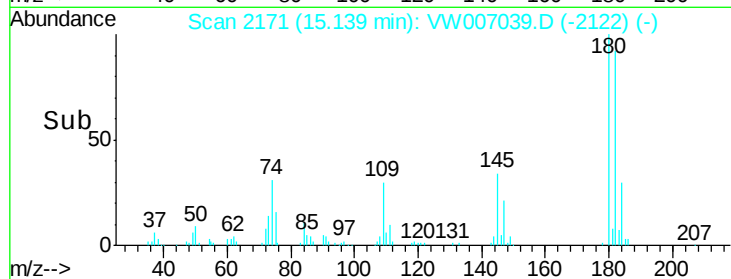
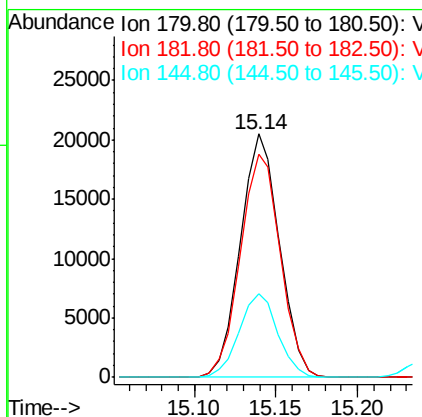
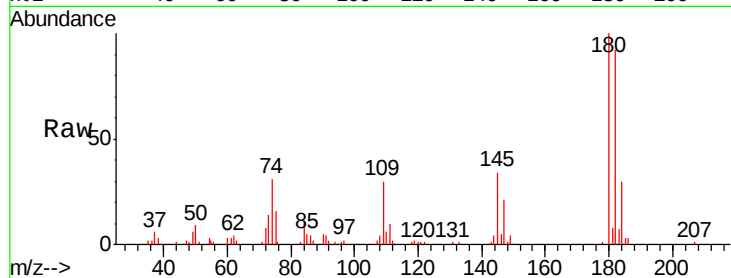




#93
 1,2,4-Trichlorobenzene
 Concen: 20.93 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

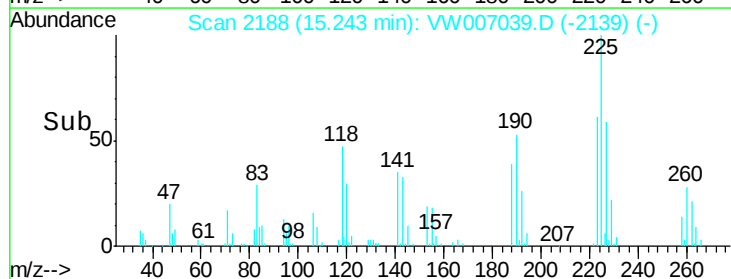
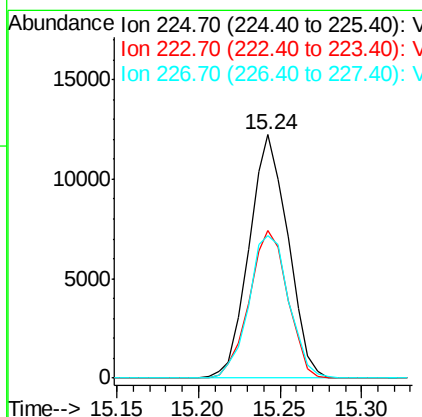
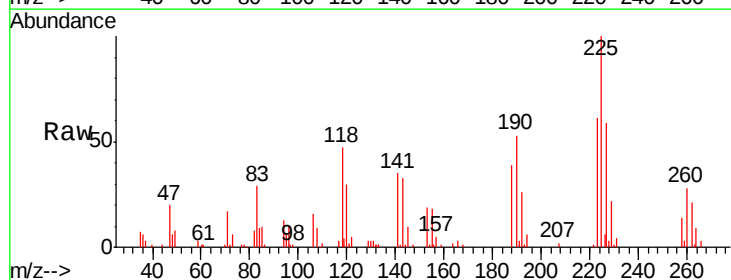
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS01

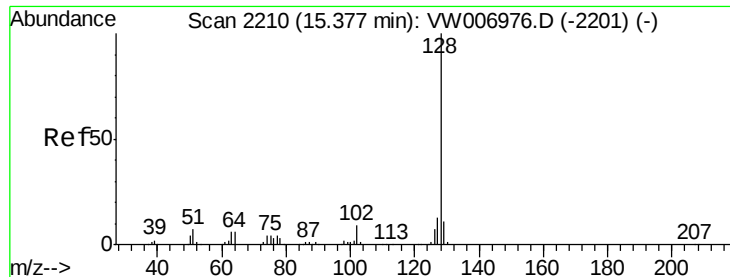
Tgt Ion:180 Resp: 34038
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.3
 145 34.2 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 22.90 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007039.D
 Acq: 26 Nov 2018 11:45

Tgt Ion:225 Resp: 20246
 Ion Ratio Lower Upper
 225 100
 223 60.1 32.4 97.0
 227 60.9 31.9 95.5





#95

Naphthalene

Concen: 19.10 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS01

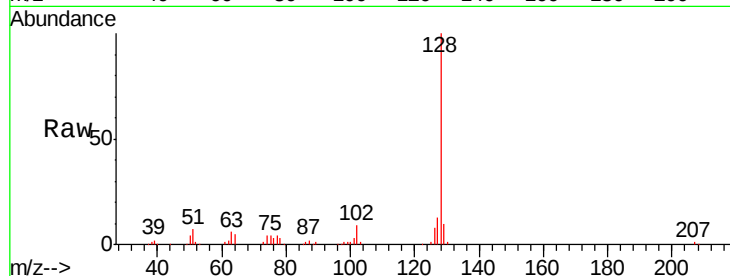
Tgt Ion:128 Resp: 56378

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

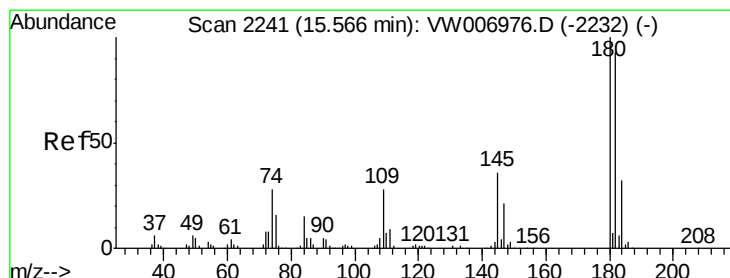
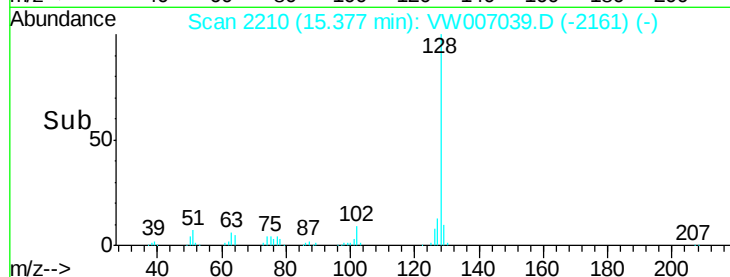
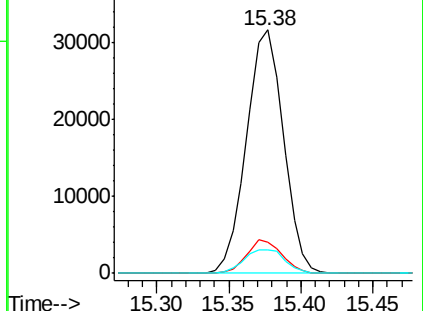
129 10.7 8.7 13.1



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: 20.36 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007039.D

Acq: 26 Nov 2018 11:45

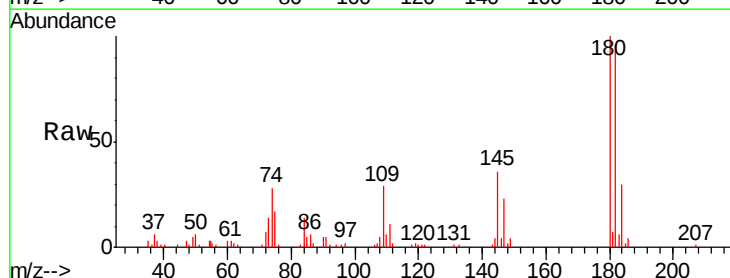
Tgt Ion:180 Resp: 27473

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 36.2 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

