

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007078.D
 Acq On : 27 Nov 2018 09:47
 Operator : VAY/AP
 Sample : VW1126SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Quant Time: Nov 27 12:28:00 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	121598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63441	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.88	113	56587	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.32	98	243670	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.62	95	92385	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	27632	23.02	ug/l	97
3) Chloromethane	2.21	50	22137	22.13	ug/l	96
4) Vinyl Chloride	2.36	62	21398	21.74	ug/l	99
5) Bromomethane	2.78	94	12202	23.22	ug/l	97
6) Chloroethane	2.92	64	10867	20.03	ug/l	99
7) Trichlorofluoromethane	3.26	101	44855	23.17	ug/l	94
8) Diethyl Ether	3.68	74	13528	21.69	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30224	24.08	ug/l	98
10) Methyl Iodide	4.27	142	22503	15.66	ug/l	99
11) Tert butyl alcohol	5.21	59	7726	99.69	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	24709	22.45	ug/l	91
13) Acrolein	3.91	56	7825	98.32	ug/l	100
14) Allyl chloride	4.67	41	40132	21.98	ug/l	99
15) Acrylonitrile	5.37	53	22939	97.85	ug/l	100
16) Acetone	4.15	43	17456	100.99	ug/l	97
17) Carbon Disulfide	4.38	76	78990	22.20	ug/l	100
18) Methyl Acetate	4.68	43	12036	19.55	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63134	21.97	ug/l	98
20) Methylene Chloride	4.92	84	28264	16.95	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	28687	22.37	ug/l	97
22) Diisopropyl ether	6.32	45	77908	21.93	ug/l	99
23) Vinyl Acetate	6.26	43	219994	116.59	ug/l	97
24) 1,1-Dichloroethane	6.21	63	48177	22.29	ug/l	99
25) 2-Butanone	7.18	43	29814	100.71	ug/l	95
26) 2,2-Dichloropropane	7.17	77	48817	25.11	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	30601	22.41	ug/l	100
28) Bromochloromethane	7.51	49	15496	19.18	ug/l	96
29) Tetrahydrofuran	7.54	42	18871	98.43	ug/l	99
30) Chloroform	7.68	83	49794	21.68	ug/l	95
31) Cyclohexane	7.95	56	55592	24.25	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	50670	24.50	ug/l	100
36) 1,1-Dichloropropene	8.09	75	44324	23.96	ug/l	99
37) Ethyl Acetate	7.25	43	15170	22.63	ug/l	99
38) Carbon Tetrachloride	8.07	117	45295	25.57	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	52761	22.79	ug/l	98
40) Benzene	8.32	78	112520	22.54	ug/l	96
41) Methacrylonitrile	7.48	41	8828	21.21	ug/l	96
42) 1,2-Dichloroethane	8.40	62	31796	21.93	ug/l	100
43) Isopropyl Acetate	8.43	43	28762	22.52	ug/l	97
44) Trichloroethene	9.09	130	33415	23.87	ug/l	95
45) 1,2-Dichloropropane	9.37	63	27232	22.12	ug/l	98
46) Dibromomethane	9.46	93	13353	21.66	ug/l	99
47) Bromodichloromethane	9.65	83	36682	22.59	ug/l	99
48) Methyl methacrylate	9.44	41	12328	20.02	ug/l	98
49) 1,4-Dioxane	9.48	88	3652	398.64	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	64339	99.67	ug/l	99
52) Toluene	10.39	92	73522	21.64	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	34920	22.20	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	43417	22.84	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	19131	21.10	ug/l	98
56) Ethyl methacrylate	10.65	69	21502	20.43	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32704	21.52	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	59204	107.63	ug/l	99
59) 2-Hexanone	10.97	43	44092	99.75	ug/l	97
60) Dibromochloromethane	11.13	129	23850	23.08	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17429	21.01	ug/l	98
64) Tetrachloroethene	10.87	164	25667	23.59	ug/l	94
65) Chlorobenzene	11.66	112	76426	21.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	25133	23.53	ug/l	99
67) Ethyl Benzene	11.73	91	141068	21.75	ug/l	99
68) m/p-Xylenes	11.84	106	110256	43.33	ug/l	97
69) o-Xylene	12.17	106	51072	21.29	ug/l	94
70) Styrene	12.18	104	81076	21.23	ug/l	98
71) Bromoform	12.35	173	11267	22.40	ug/l #	96
73) Isopropylbenzene	12.47	105	149391	22.92	ug/l	98
74) N-amyl acetate	12.27	43	22980	21.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19014	21.92	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	25851	39.23	ug/l #	100
77) Bromobenzene	12.75	156	30154	21.54	ug/l	98
78) n-propylbenzene	12.81	91	169804	21.51	ug/l	99
79) 2-Chlorotoluene	12.90	91	100084	21.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	125388	22.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	5841	22.25	ug/l	97
82) 4-Chlorotoluene	12.99	91	104404	21.86	ug/l	100
83) tert-Butylbenzene	13.21	119	107582	22.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	124600	22.19	ug/l	99
85) sec-Butylbenzene	13.39	105	149881	21.74	ug/l	97
86) p-Isopropyltoluene	13.51	119	135051	22.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	63382	22.18	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	59812	20.99	ug/l	97
89) n-Butylbenzene	13.83	91	123714	21.62	ug/l	99
90) Hexachloroethane	14.10	117	20931	23.57	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	55068	21.99	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3135	21.40	ug/l	95

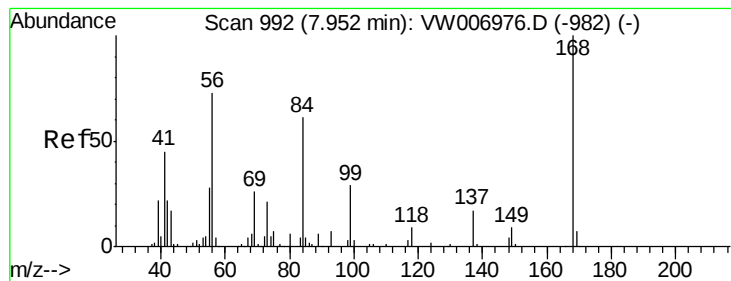
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32938	19.95	ug/l	97
94) Hexachlorobutadiene	15.24	225	20105	22.40	ug/l	95
95) Naphthalene	15.38	128	57766	19.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28142	20.54	ug/l	97

(#) = 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: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

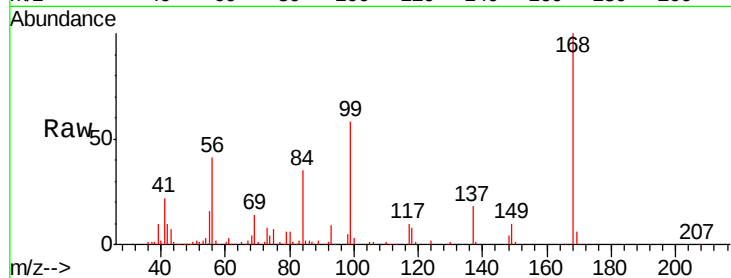
VW1126SBS02

Tgt Ion:168 Resp: 121598

Ion Ratio Lower Upper

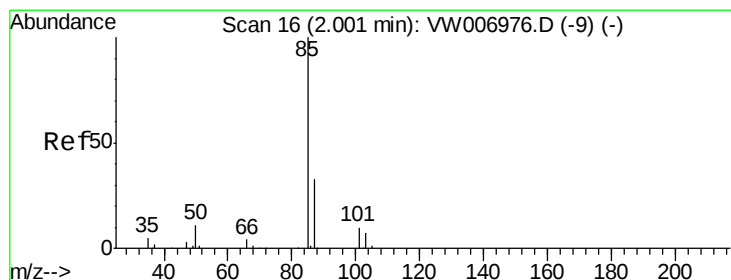
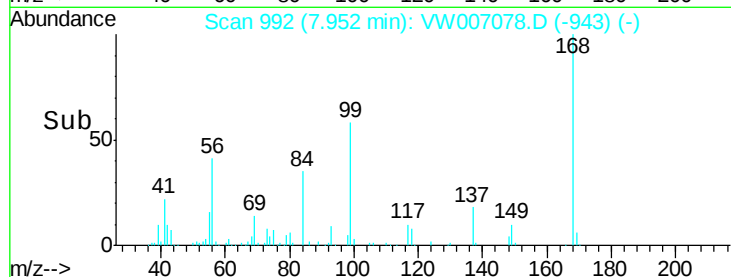
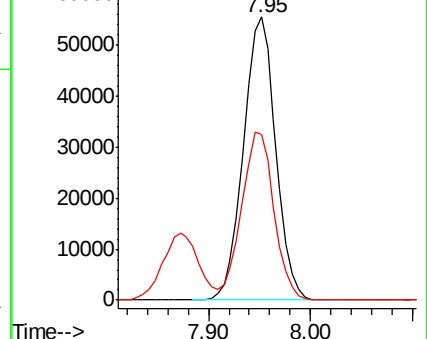
168 100

99 58.5 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: 23.02 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007078.D

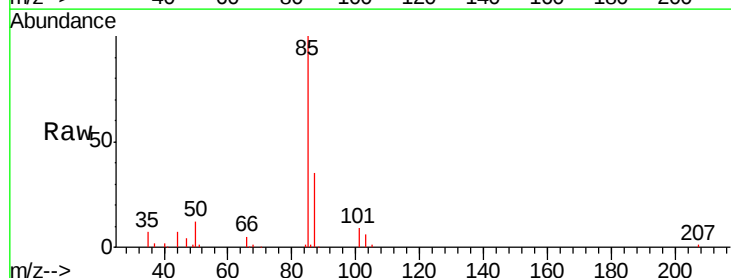
Acq: 27 Nov 2018 09:47

Tgt Ion: 85 Resp: 27632

Ion Ratio Lower Upper

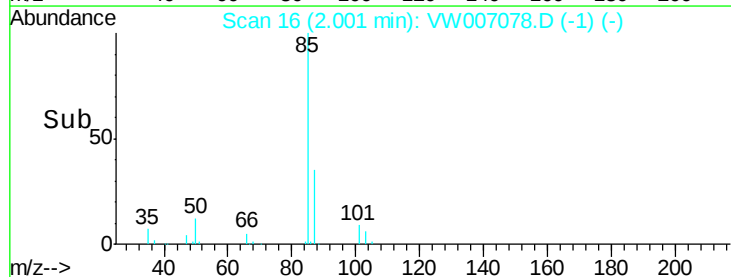
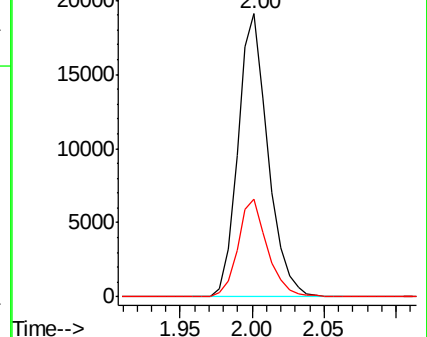
85 100

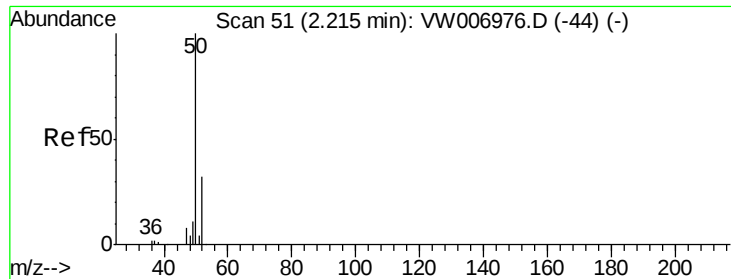
87 34.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.13 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

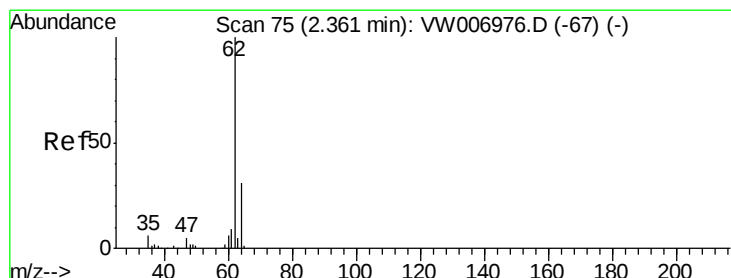
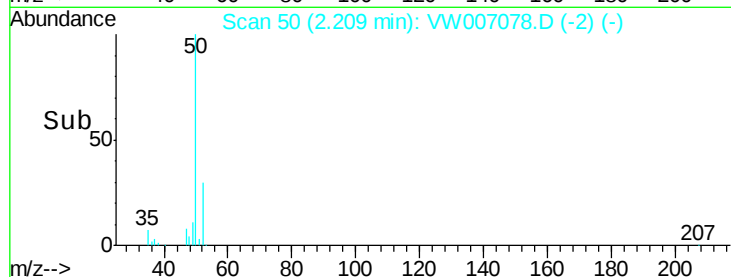
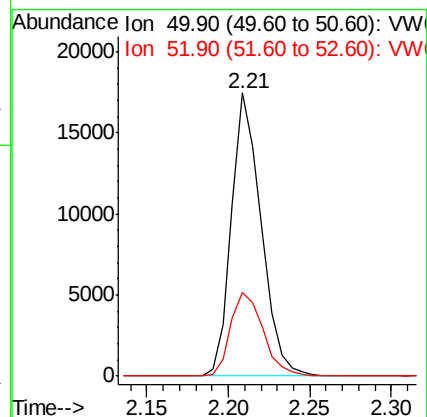
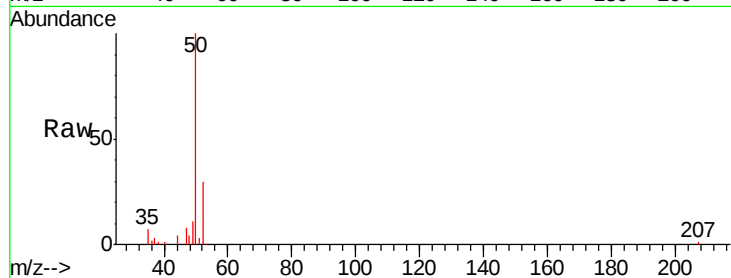
VW1126SBS02

Tgt Ion: 50 Resp: 22137

Ion Ratio Lower Upper

50 100

52 29.7 25.7 38.5



#4

Vinyl Chloride

Concen: 21.74 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007078.D

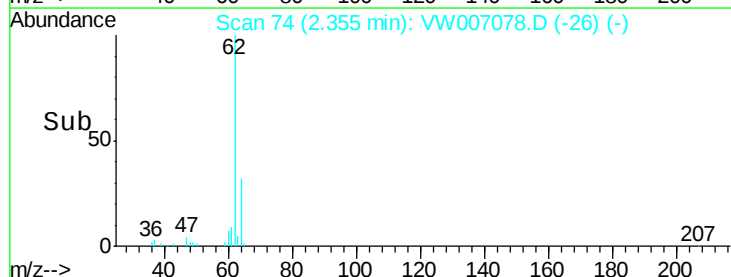
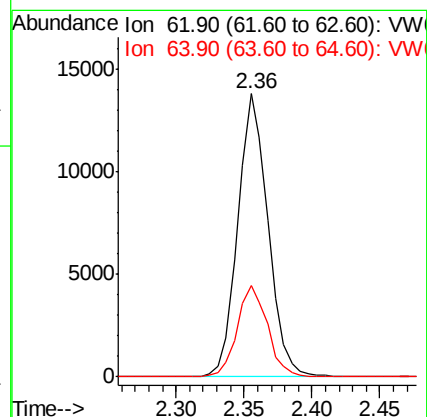
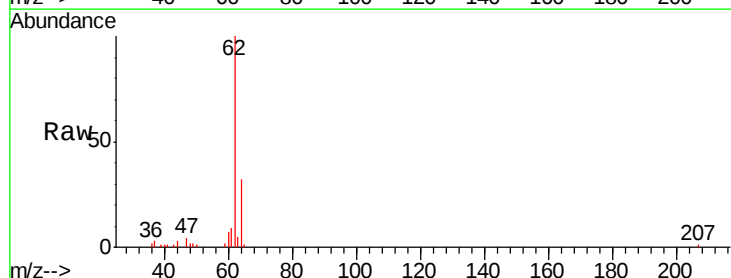
Acq: 27 Nov 2018 09:47

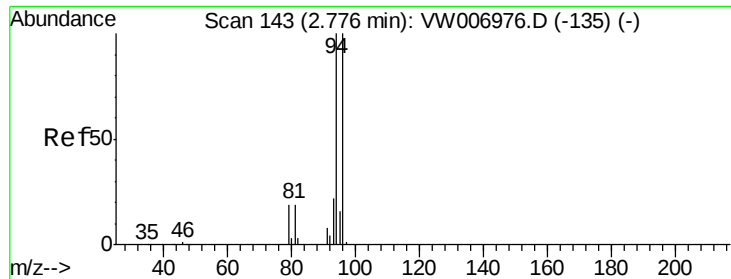
Tgt Ion: 62 Resp: 21398

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 23.22 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

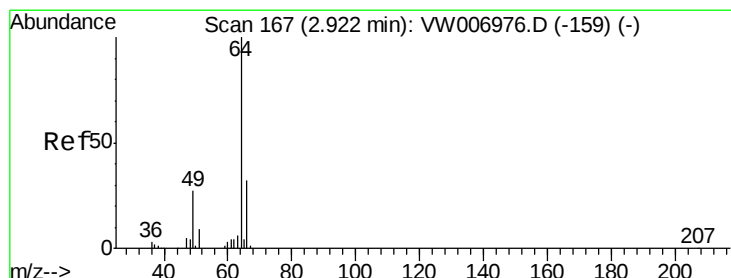
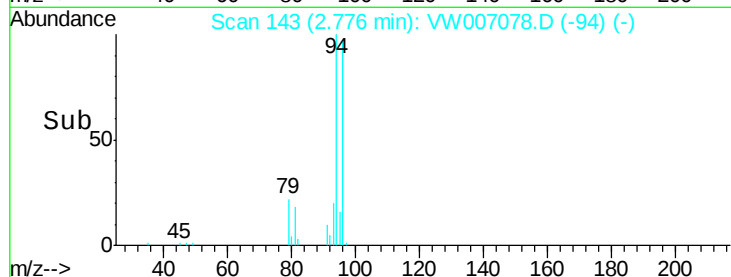
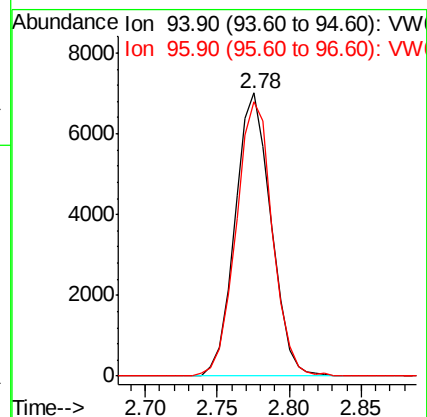
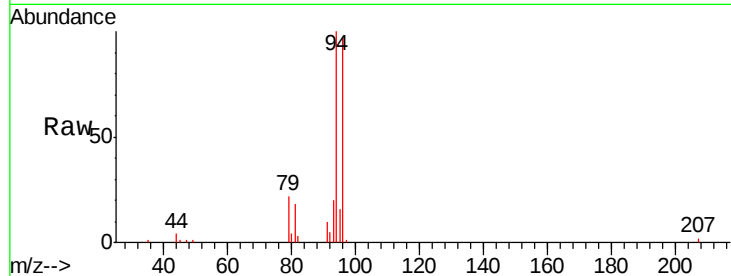
VW1126SBS02

Tgt Ion: 94 Resp: 12202

Ion Ratio Lower Upper

94 100

96 96.9 80.2 120.2



#6

Chloroethane

Concen: 20.03 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007078.D

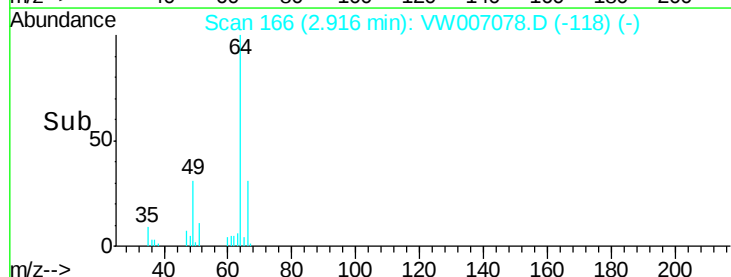
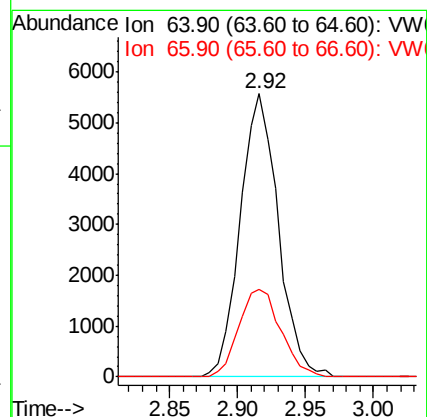
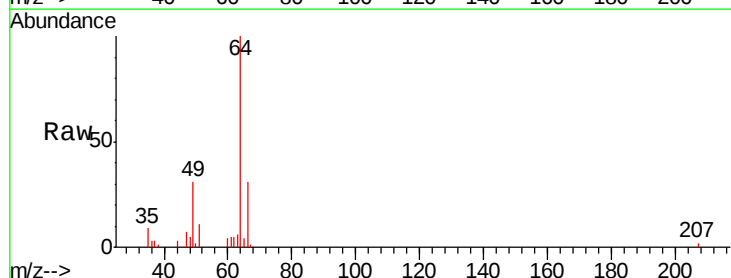
Acq: 27 Nov 2018 09:47

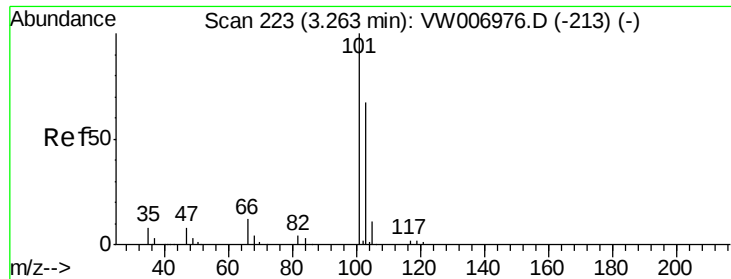
Tgt Ion: 64 Resp: 10867

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



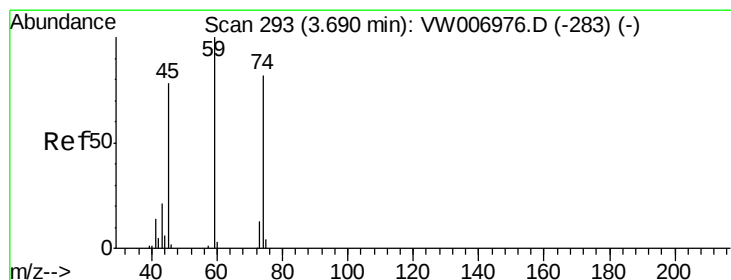
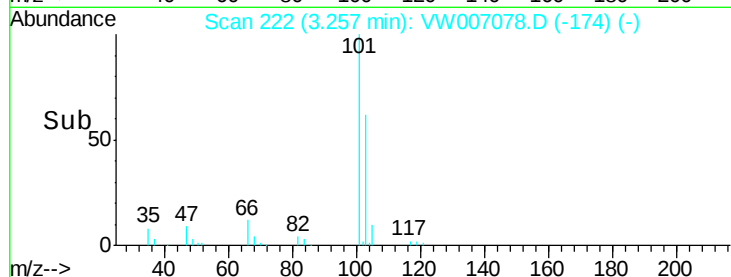
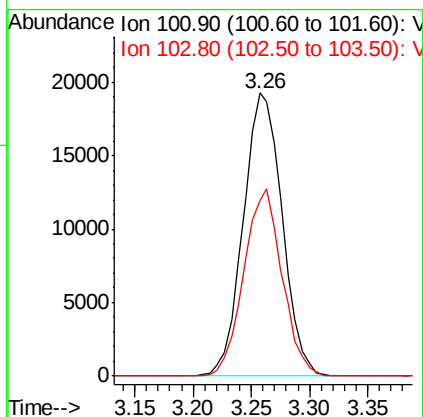
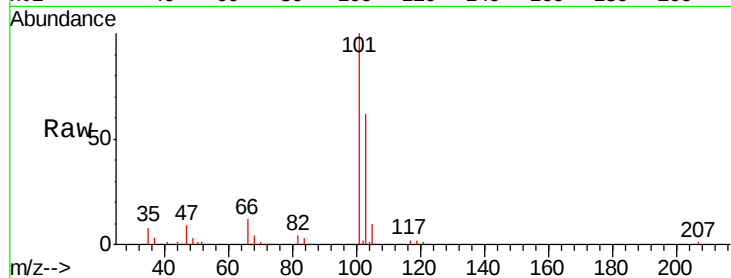


#7

Trichlorofluoromethane
 Concen: 23.17 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Instrument :
 MSVOA_W
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 VW1126SBS02

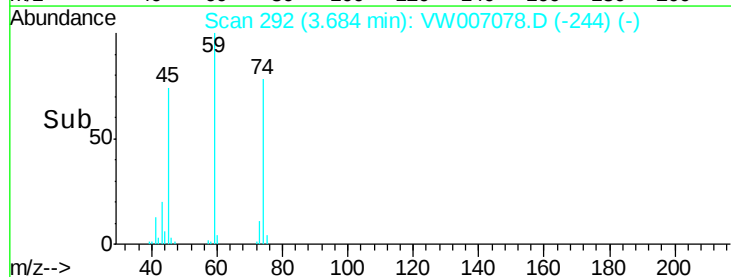
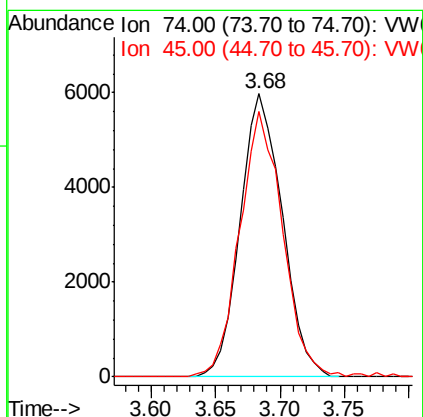
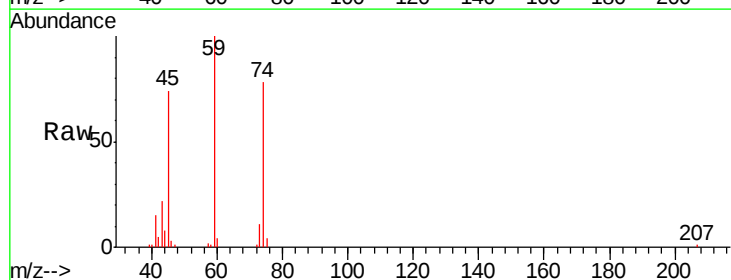
Tgt Ion:101 Resp: 44855
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.4 80.2



#8

Diethyl Ether
 Concen: 21.69 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 74 Resp: 13528
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.08 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

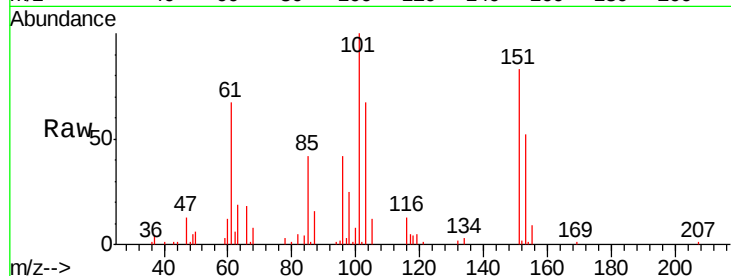
Tgt Ion:101 Resp: 30224

Ion Ratio Lower Upper

101 100

85 42.4 34.3 51.5

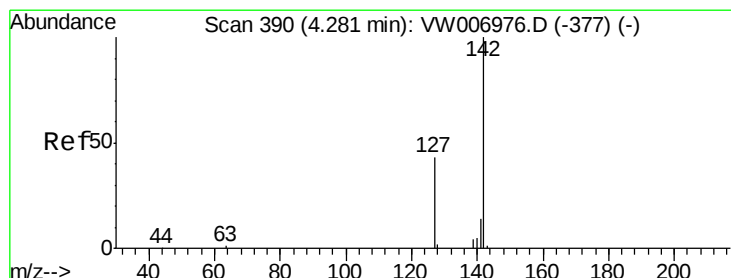
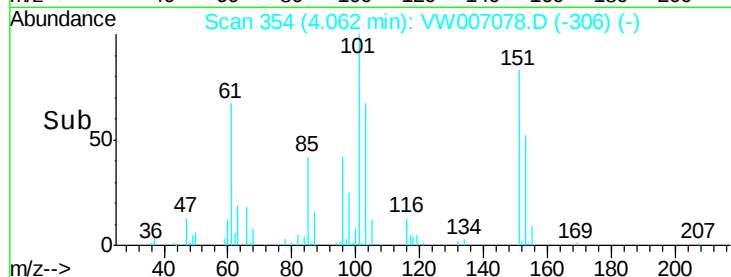
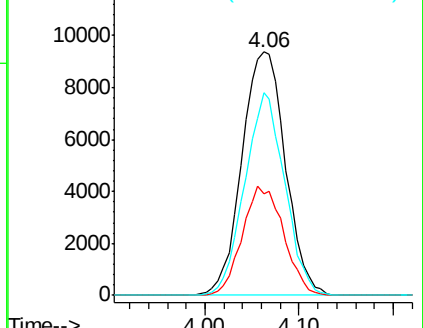
151 76.5 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.66 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

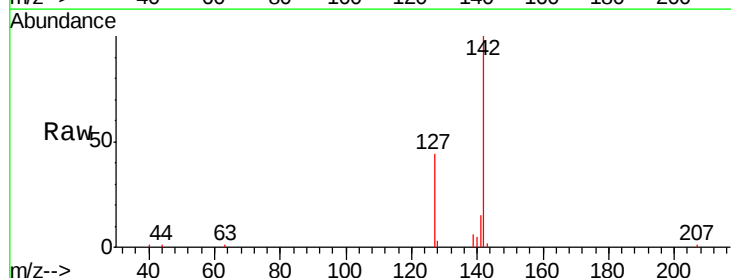
Tgt Ion:142 Resp: 22503

Ion Ratio Lower Upper

142 100

127 43.3 35.3 52.9

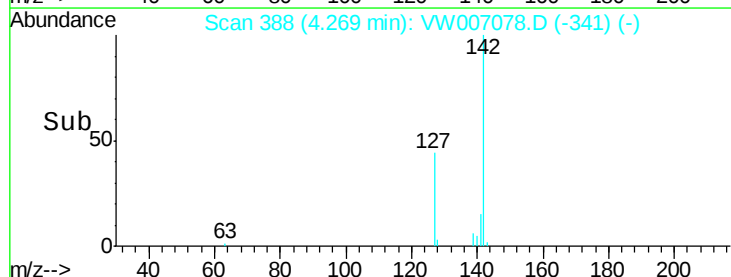
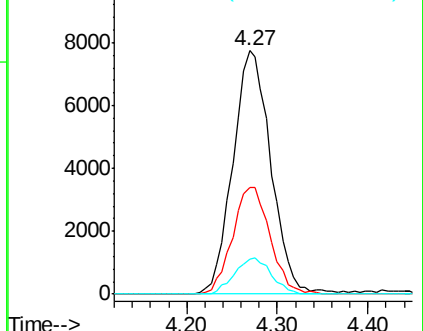
141 14.1 11.7 17.5

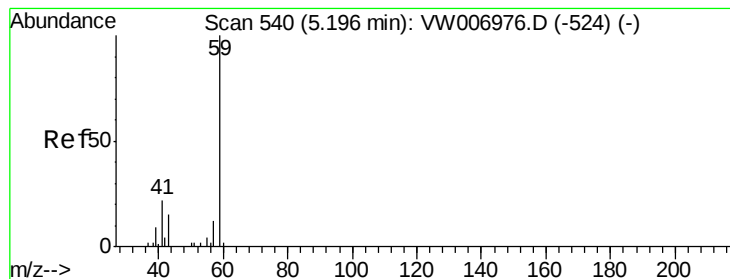


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.69 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

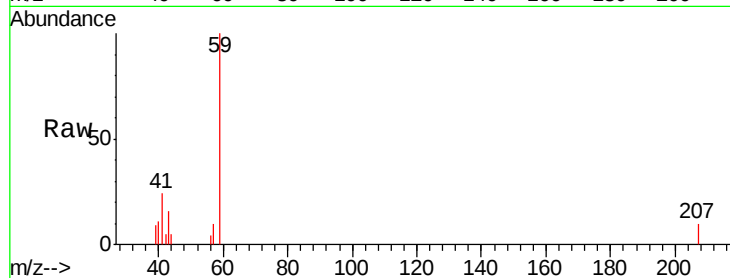
VW1126SBS02

Tgt Ion: 59 Resp: 7726

Ion Ratio Lower Upper

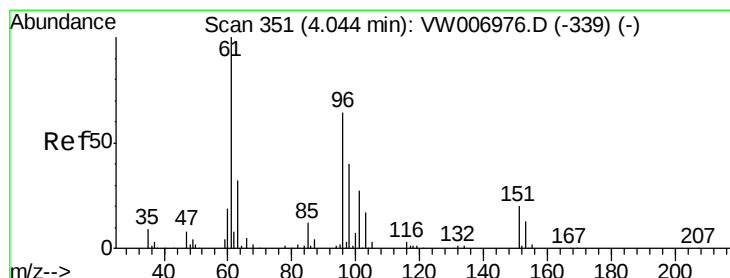
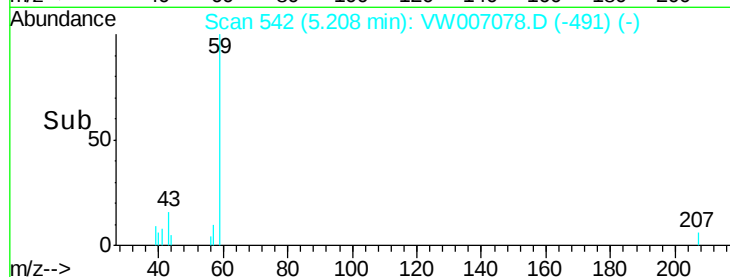
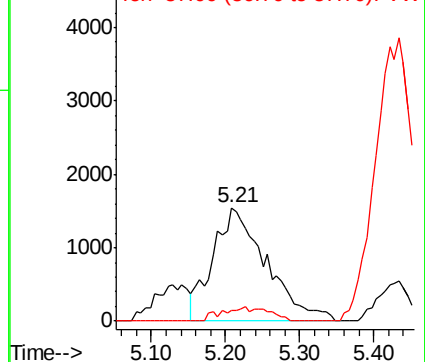
59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 22.45 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

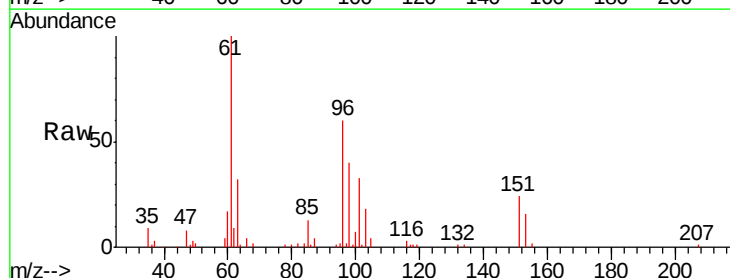
Tgt Ion: 96 Resp: 24709

Ion Ratio Lower Upper

96 100

61 167.8 124.3 186.5

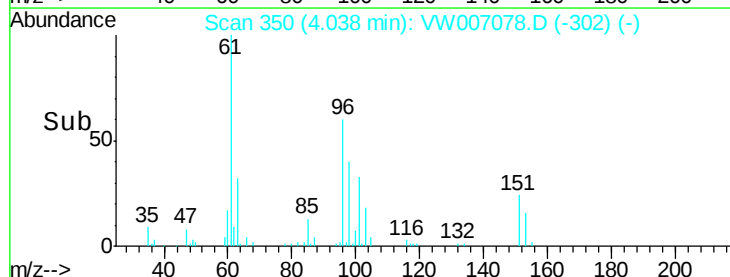
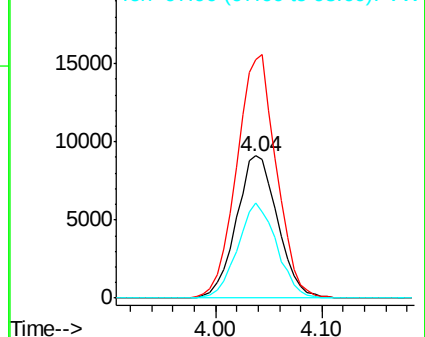
98 66.5 49.4 74.2

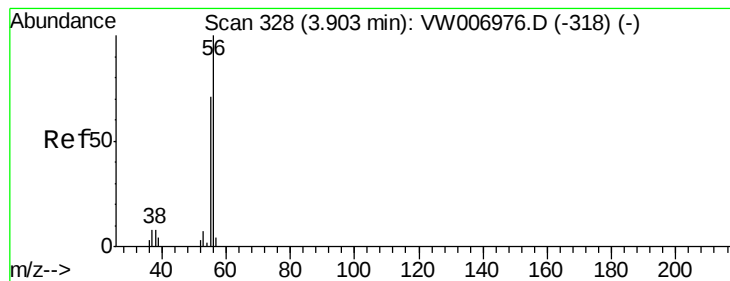


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 98.32 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

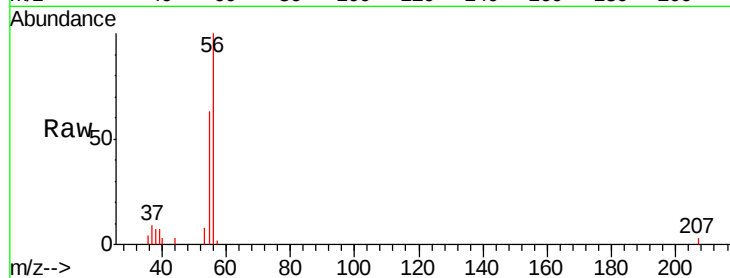
VW1126SBS02

Tgt Ion: 56 Resp: 7825

Ion Ratio Lower Upper

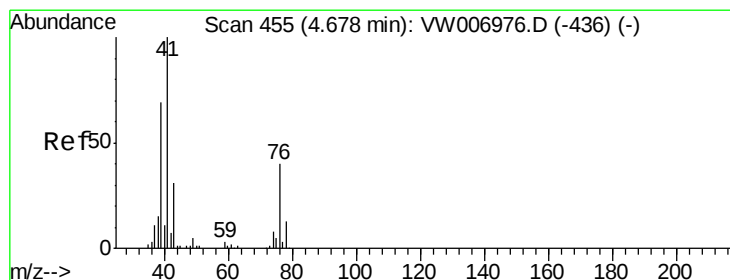
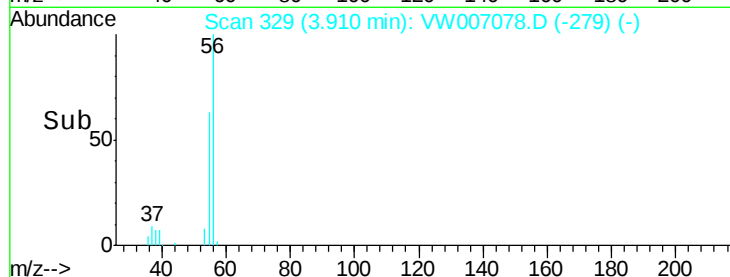
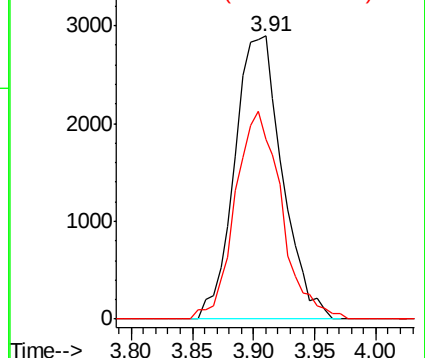
56 100

55 71.6 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.98 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

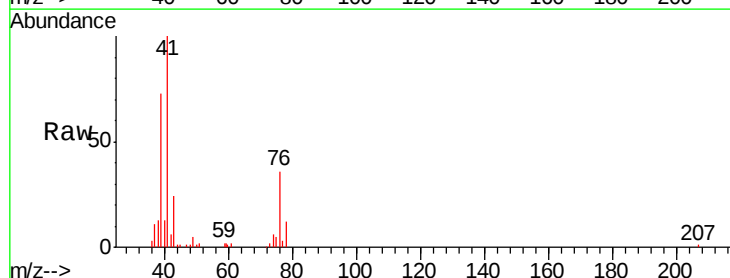
Tgt Ion: 41 Resp: 40132

Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

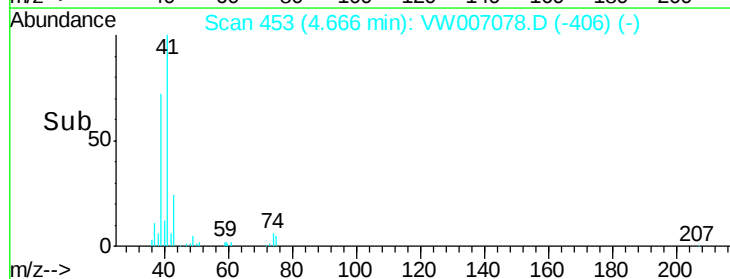
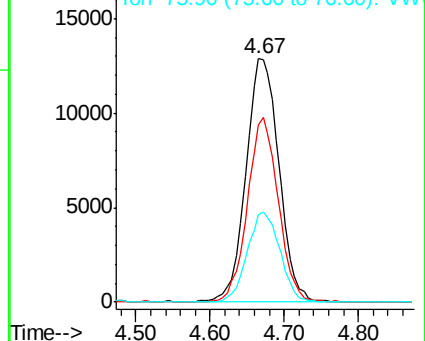
76 36.4 29.6 44.4

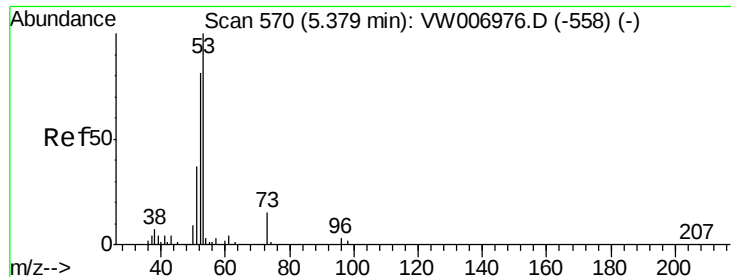


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

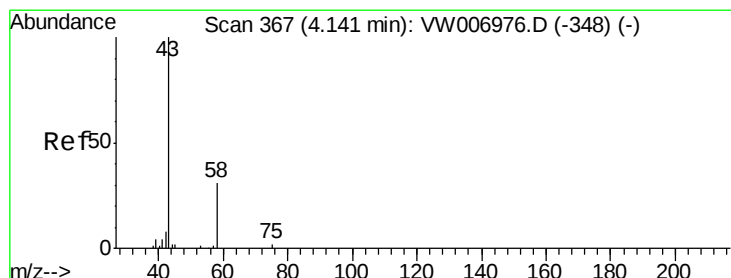
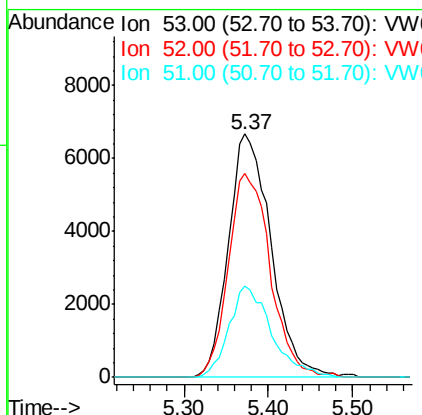
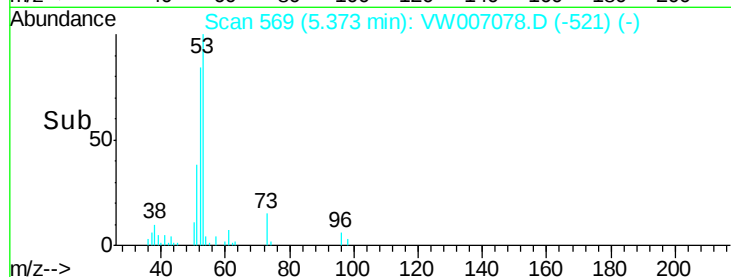
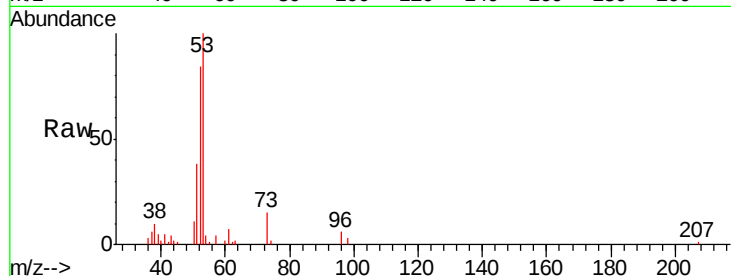




#15
 Acrylonitrile
 Concen: 97.85 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

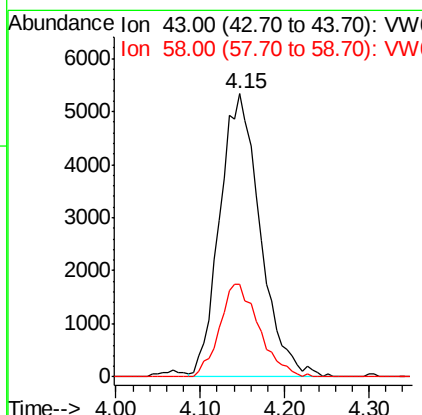
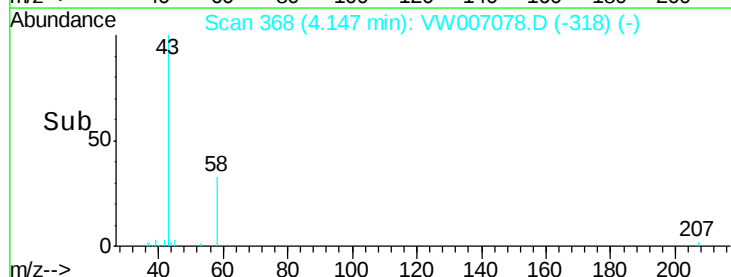
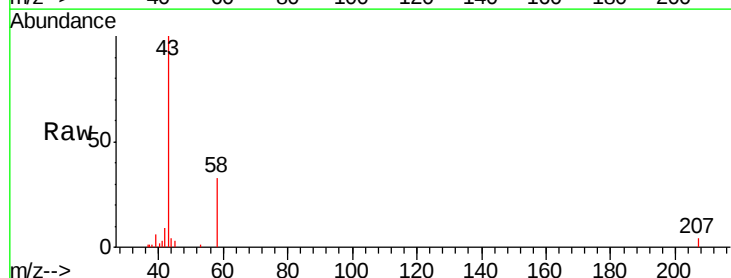
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

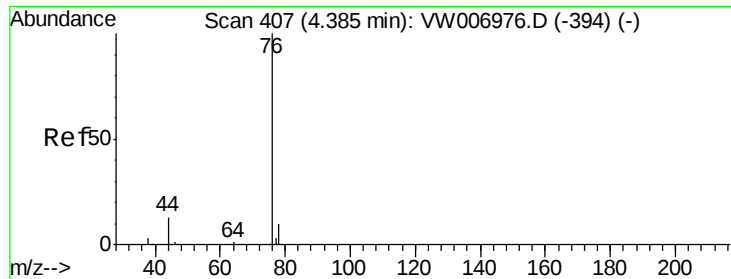
Tgt Ion: 53 Resp: 22939
 Ion Ratio Lower Upper
 53 100
 52 82.1 65.7 98.5
 51 37.5 29.9 44.9



#16
 Acetone
 Concen: 100.99 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 43 Resp: 17456
 Ion Ratio Lower Upper
 43 100
 58 32.5 24.8 37.2





#17

Carbon Disulfide

Concen: 22.20 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

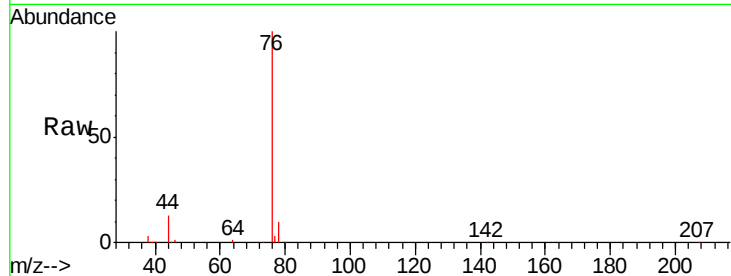
VW1126SBS02

Tgt Ion: 76 Resp: 78990

Ion Ratio Lower Upper

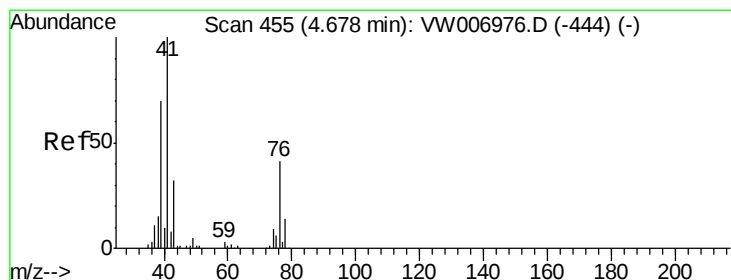
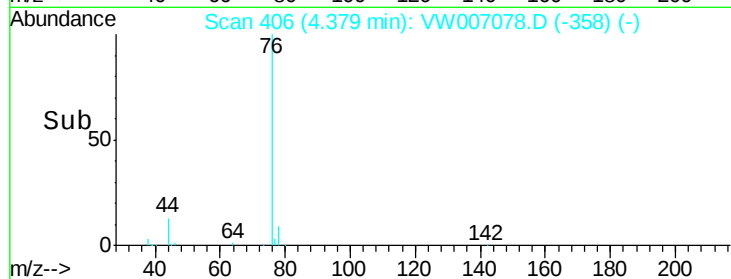
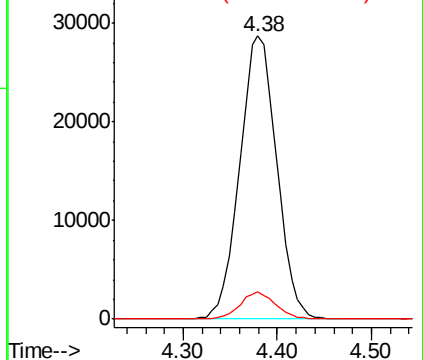
76 100

78 9.6 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.55 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007078.D

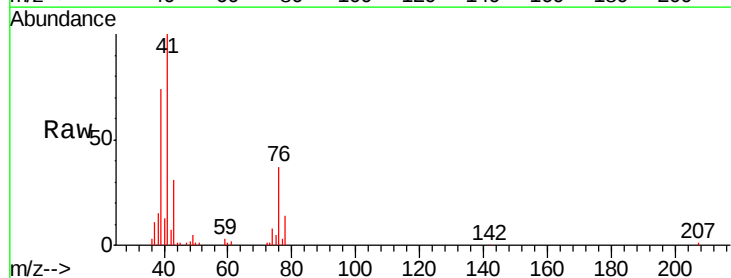
Acq: 27 Nov 2018 09:47

Tgt Ion: 43 Resp: 12036

Ion Ratio Lower Upper

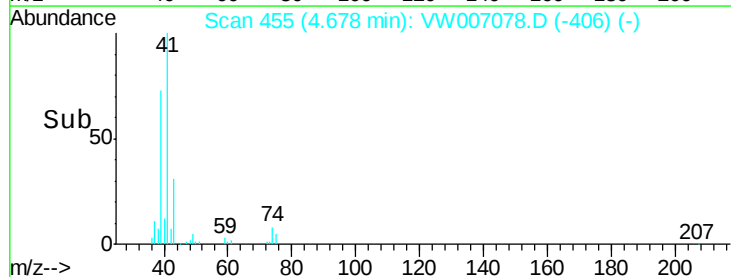
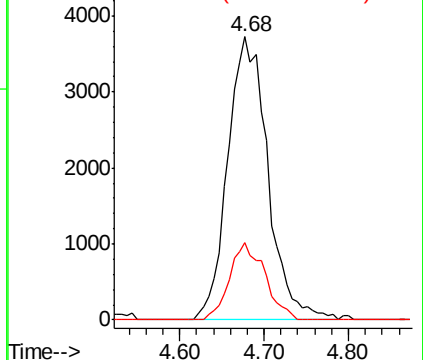
43 100

74 24.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

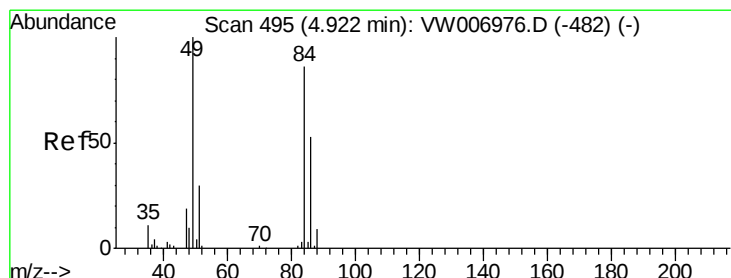
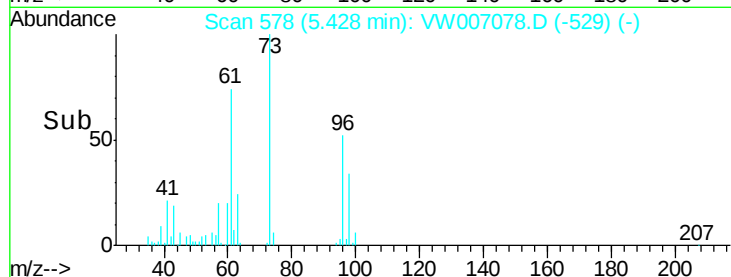
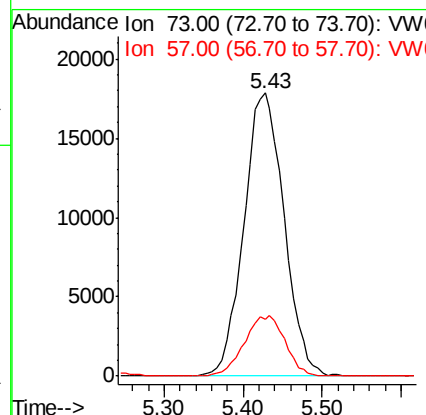
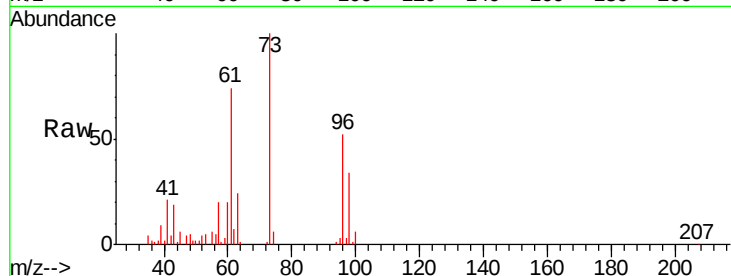




#19
Methyl tert-butyl Ether
Concen: 21.97 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

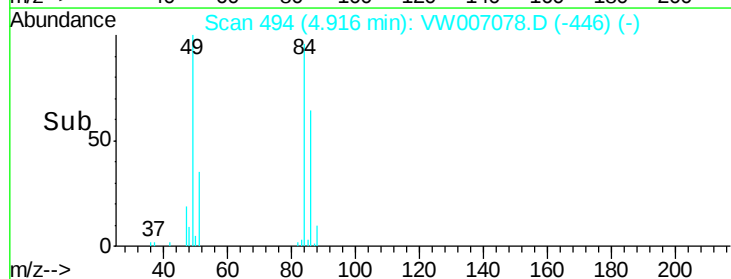
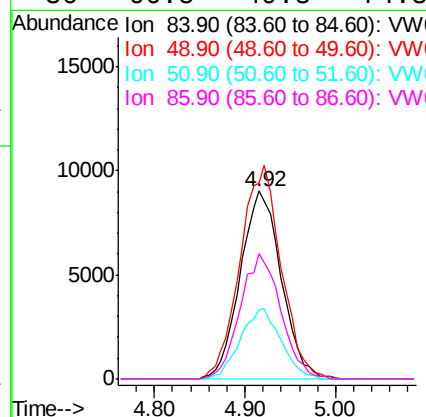
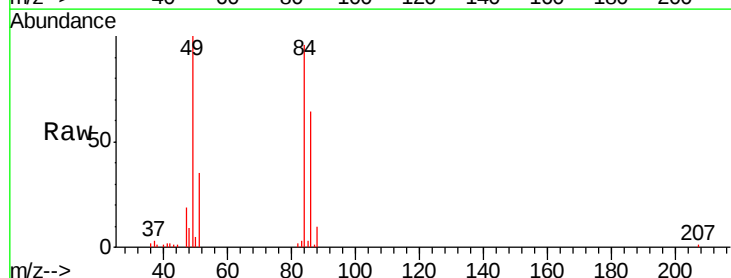
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

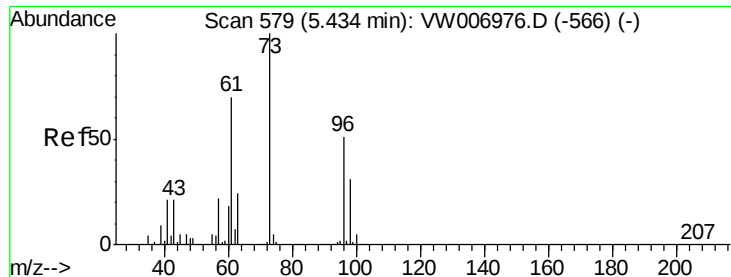
Tgt Ion: 73 Resp: 63134
Ion Ratio Lower Upper
73 100
57 20.0 16.7 25.1



#20
Methylene Chloride
Concen: 16.95 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 84 Resp: 28264
Ion Ratio Lower Upper
84 100
49 104.4 93.4 140.0
51 36.7 28.4 42.6
86 66.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 22.37 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

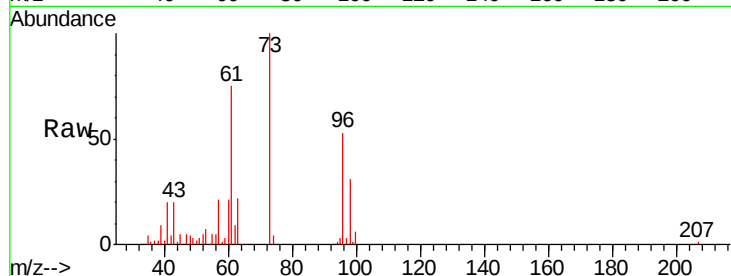
Tgt Ion: 96 Resp: 28687

Ion Ratio Lower Upper

96 100

61 140.5 109.4 164.0

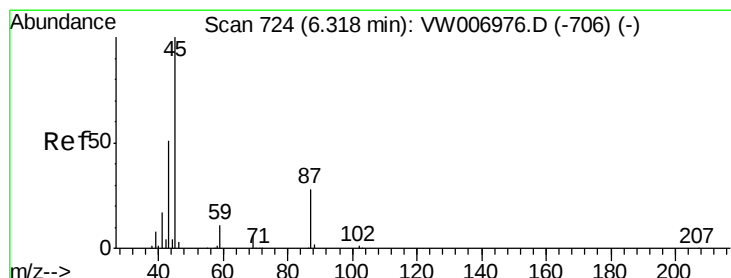
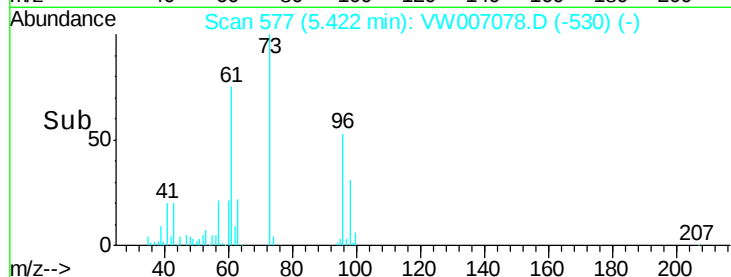
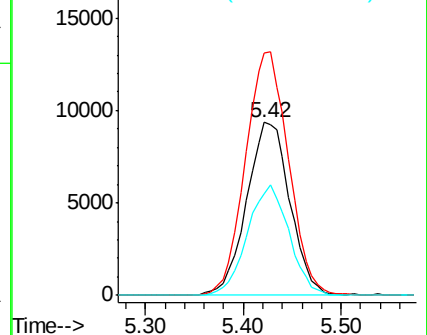
98 58.9 48.3 72.5



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: 21.93 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Tgt Ion: 45 Resp: 77908

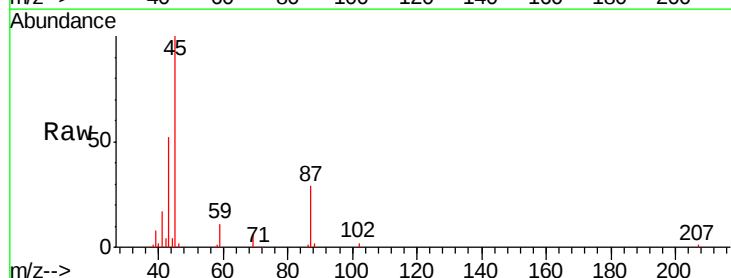
Ion Ratio Lower Upper

45 100

43 52.0 42.5 63.7

87 29.2 22.8 34.2

59 11.4 9.1 13.7

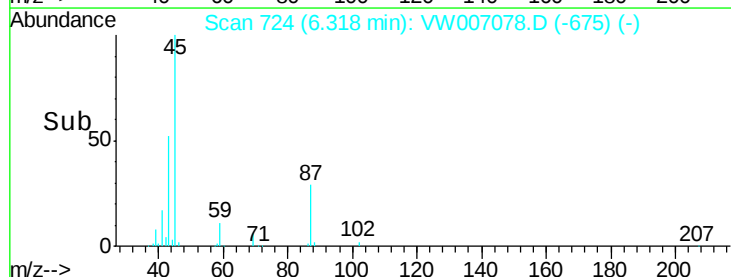
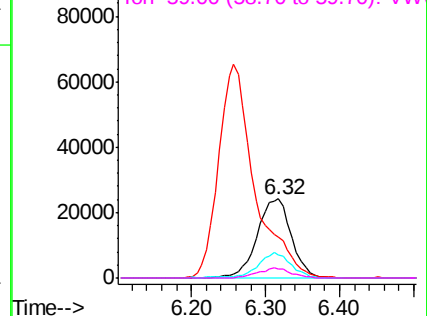


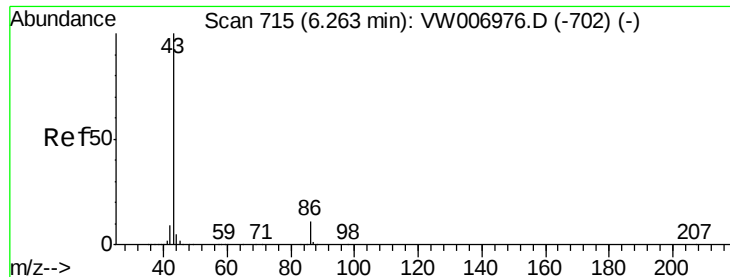
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 116.59 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

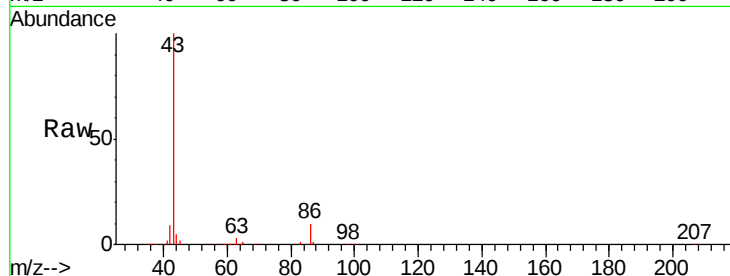
VW1126SBS02

Tgt Ion: 43 Resp: 219994

Ion Ratio Lower Upper

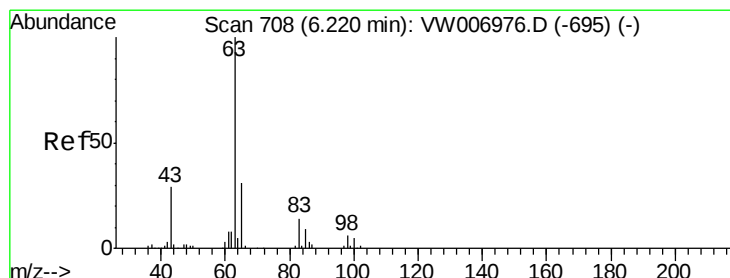
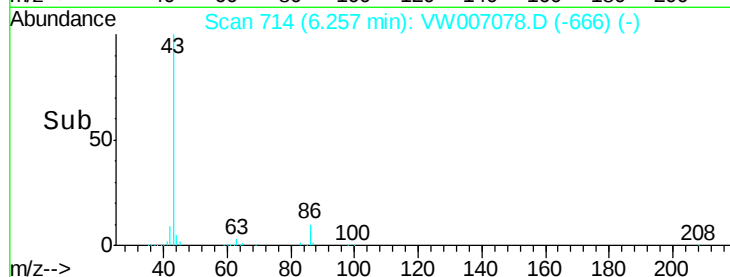
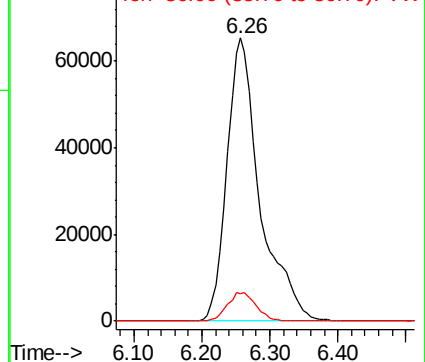
43 100

86 9.9 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: 22.29 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

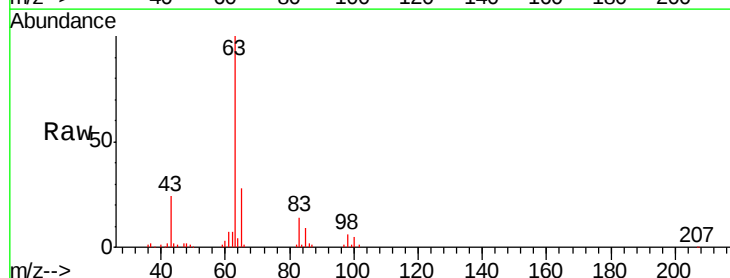
Tgt Ion: 63 Resp: 48177

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

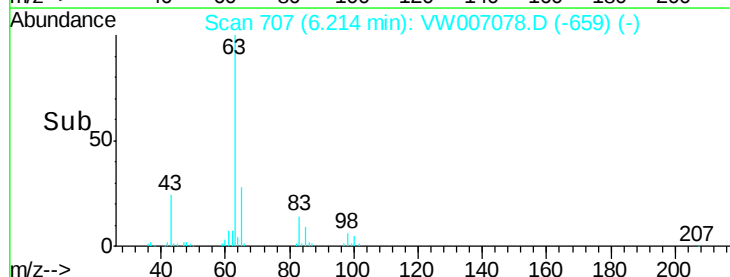
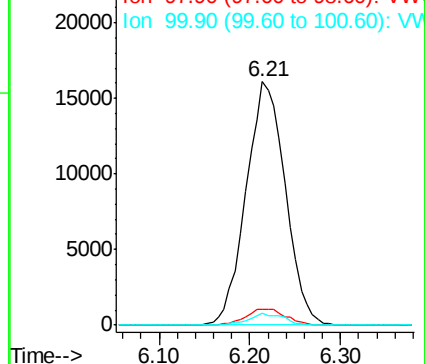
100 5.1 2.3 6.9

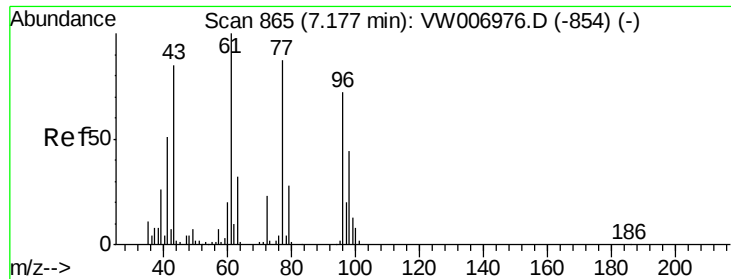


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 100.71 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampled :

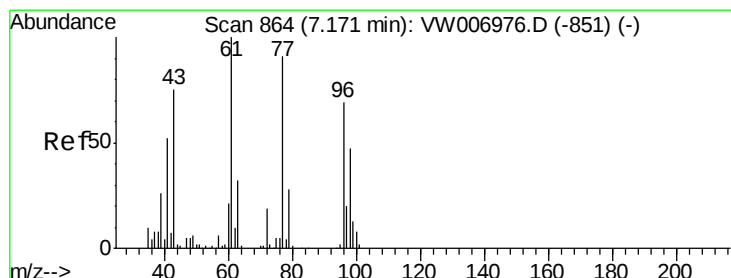
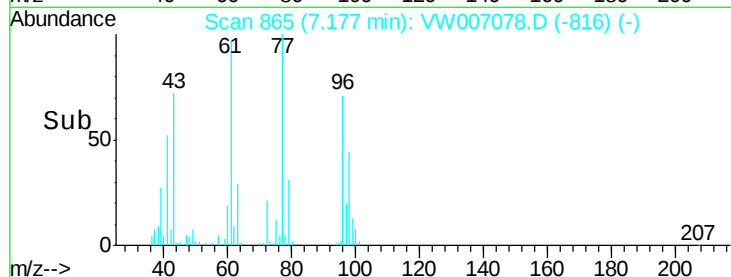
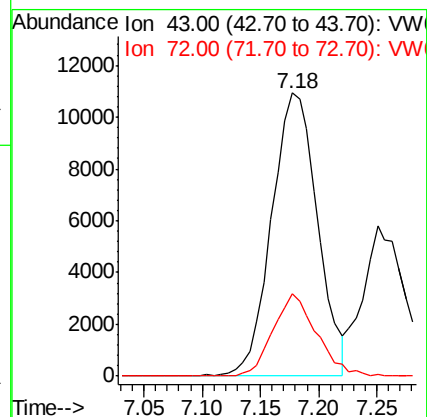
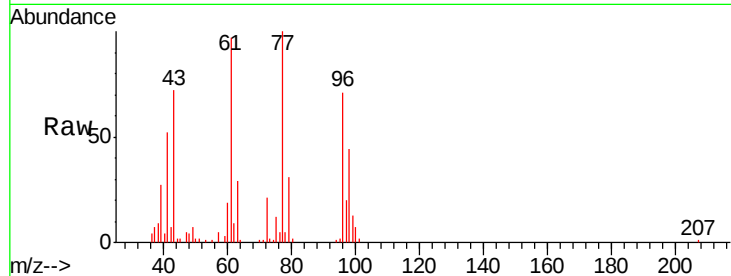
VW1126SBS02

Tgt Ion: 43 Resp: 29814

Ion Ratio Lower Upper

43 100

72 28.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 25.11 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007078.D

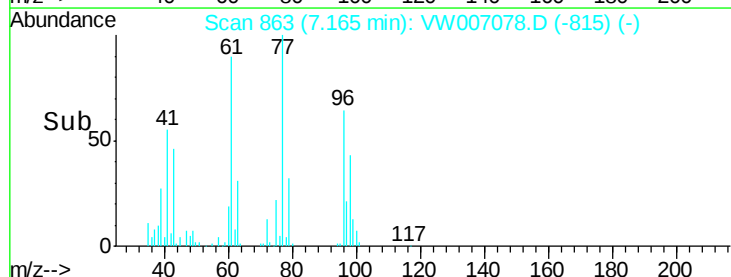
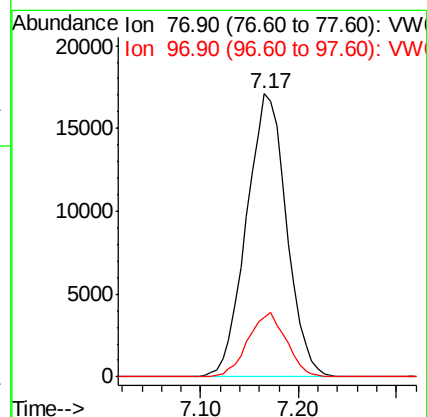
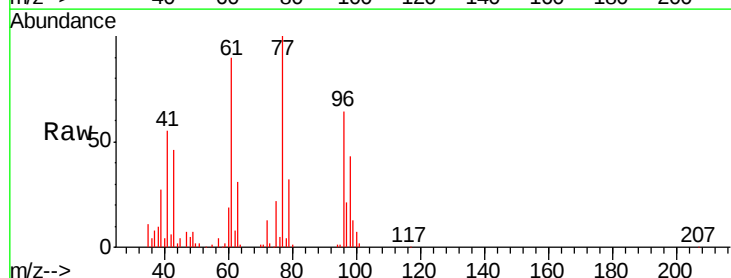
Acq: 27 Nov 2018 09:47

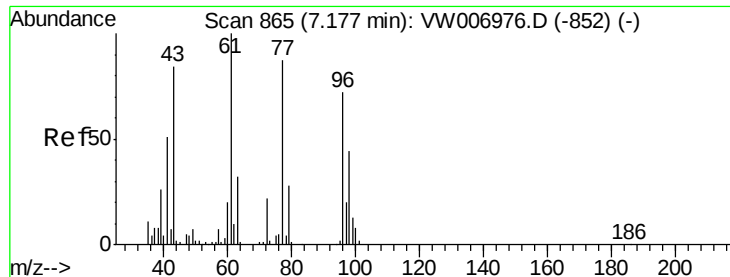
Tgt Ion: 77 Resp: 48817

Ion Ratio Lower Upper

77 100

97 21.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 22.41 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

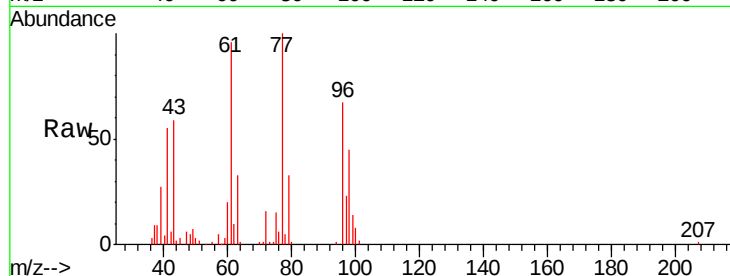
Tgt Ion: 96 Resp: 30601

Ion Ratio Lower Upper

96 100

61 145.6 0.0 292.6

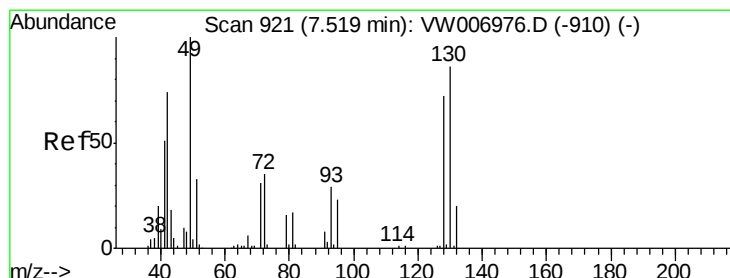
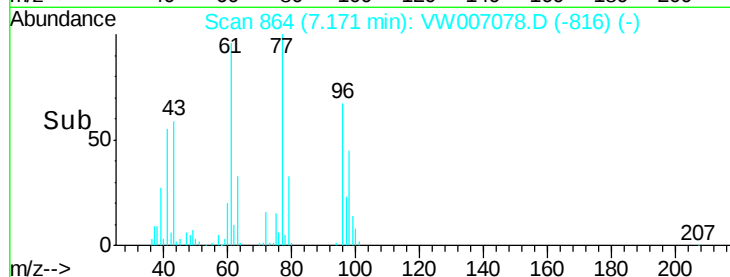
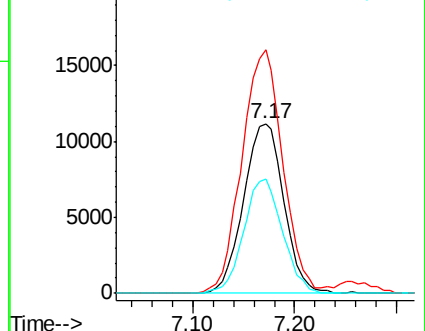
98 64.8 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 19.18 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

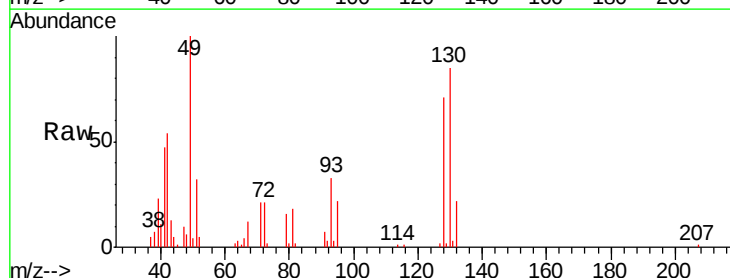
Tgt Ion: 49 Resp: 15496

Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.0

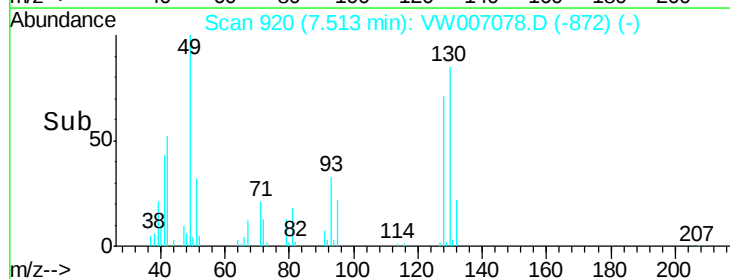
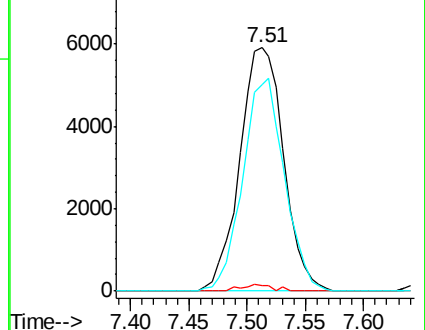
130 82.8 69.0 103.4

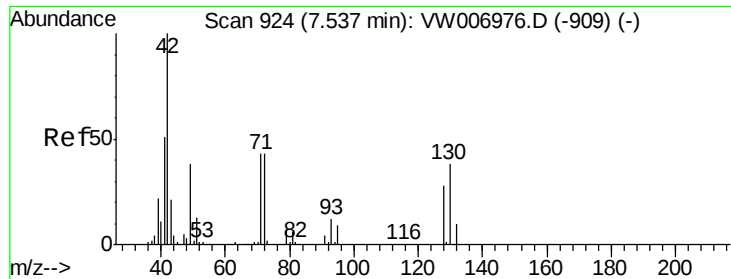


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

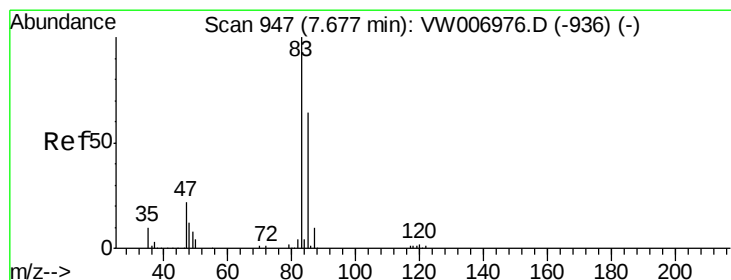
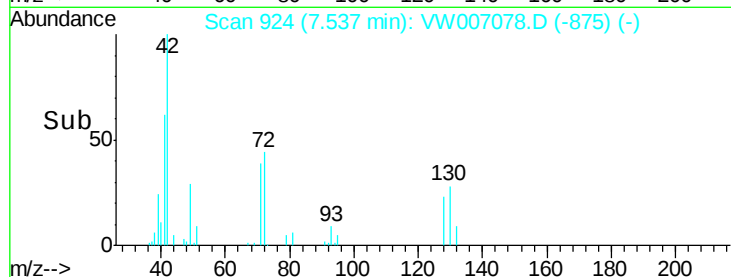
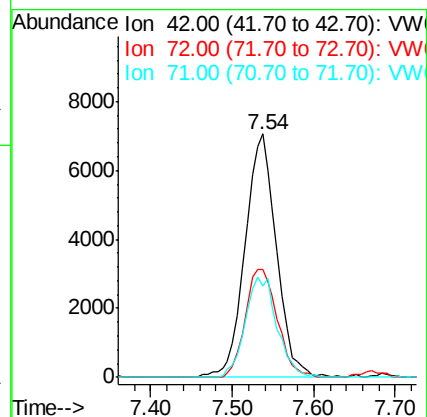
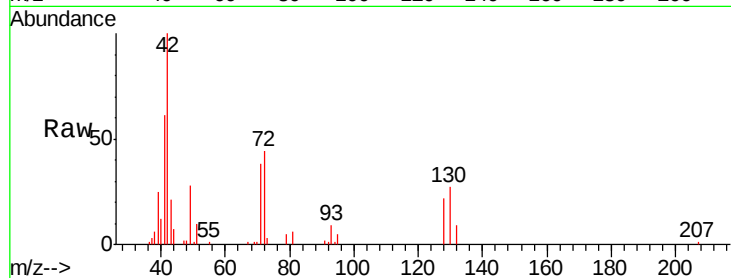




#29
Tetrahydrofuran
Concen: 98.43 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

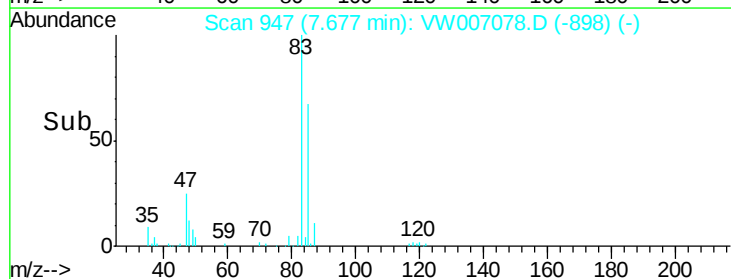
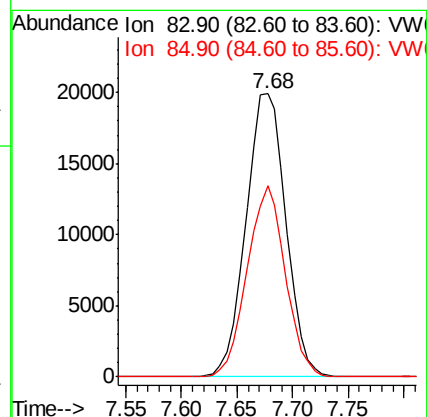
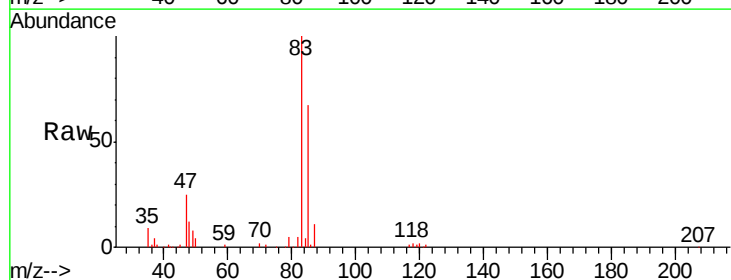
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

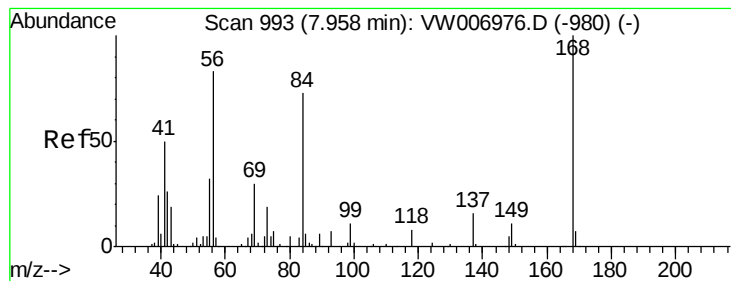
Tgt Ion: 42 Resp: 18871
Ion Ratio Lower Upper
42 100
72 45.1 36.2 54.4
71 41.7 33.8 50.8



#30
Chloroform
Concen: 21.68 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 83 Resp: 49794
Ion Ratio Lower Upper
83 100
85 67.5 50.9 76.3





#31

Cyclohexane

Concen: 24.25 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

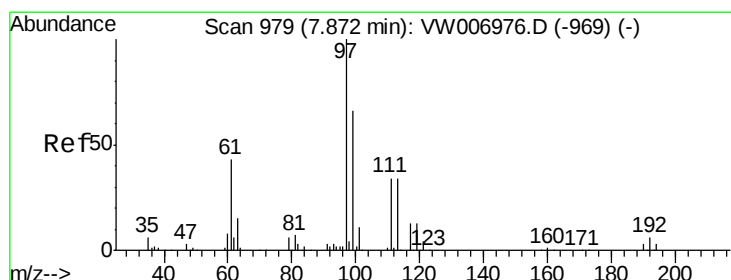
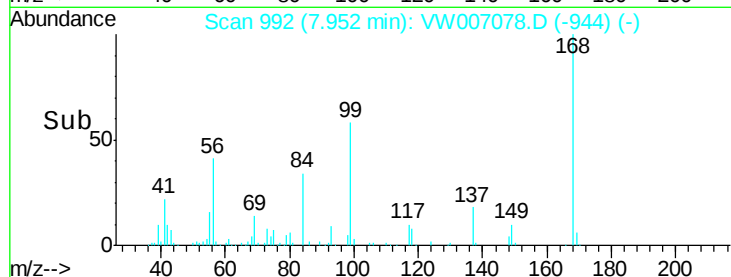
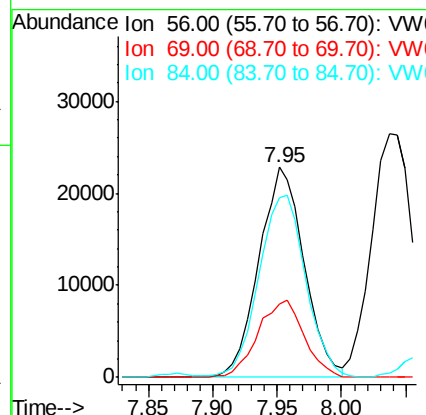
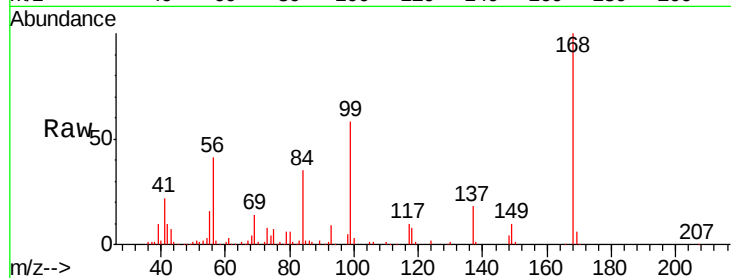
Tgt Ion: 56 Resp: 55592

Ion Ratio Lower Upper

56 100

69 35.0 29.1 43.7

84 84.5 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 24.50 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

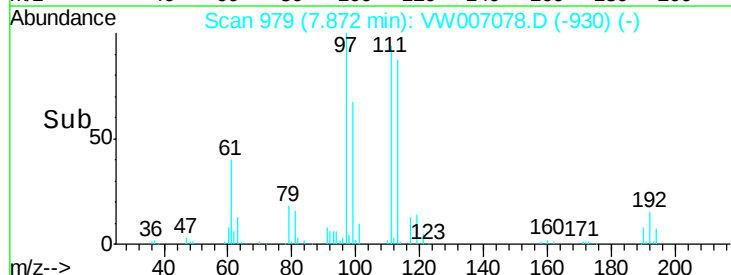
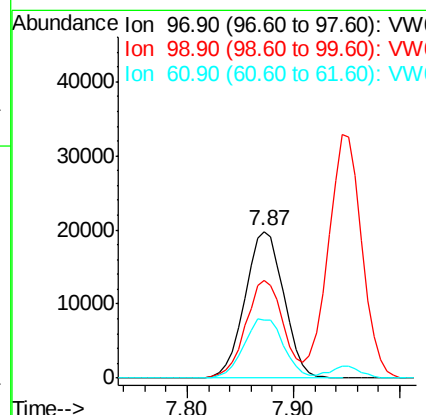
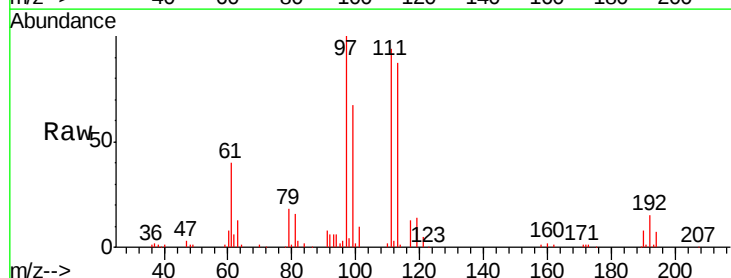
Tgt Ion: 97 Resp: 50670

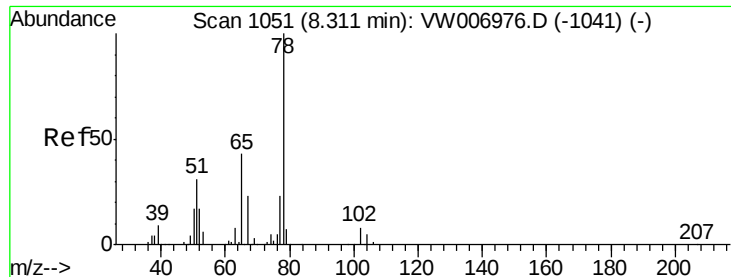
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 41.4 33.4 50.2

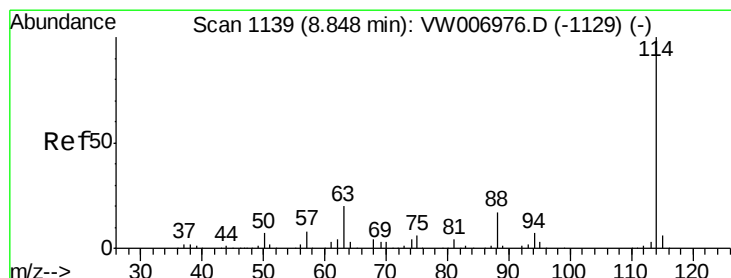
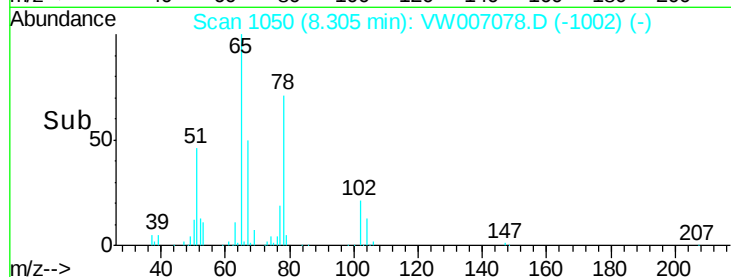
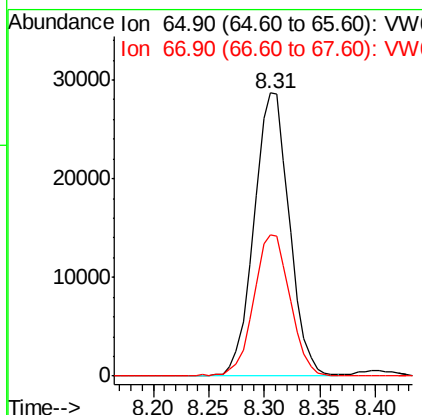
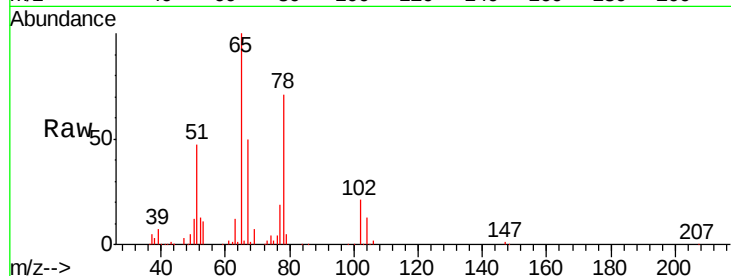




#33
 1,2-Dichloroethane-d4
 Concen: 53.29 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

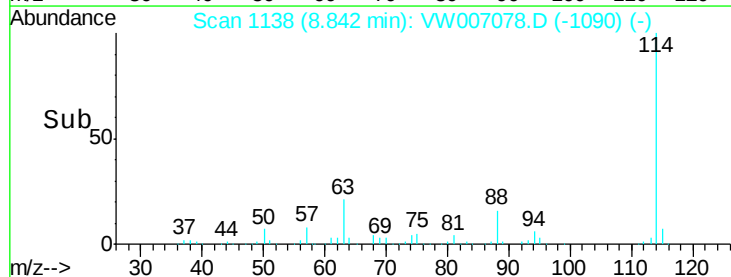
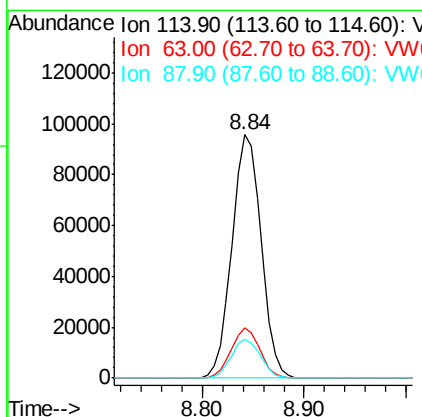
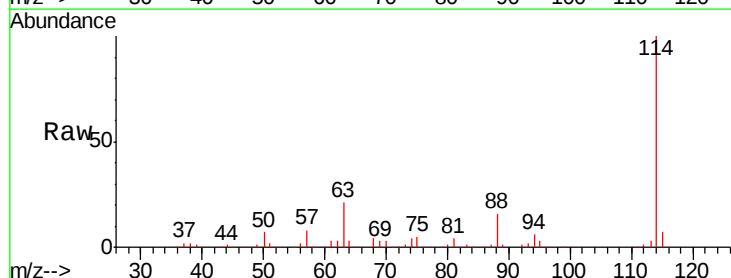
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

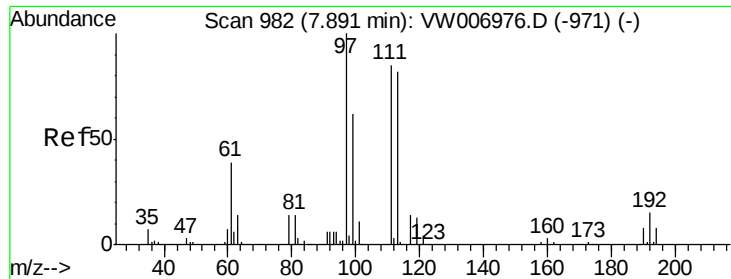
Tgt Ion: 65 Resp: 63441
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 114 Resp: 189287
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.0 0.0 34.2

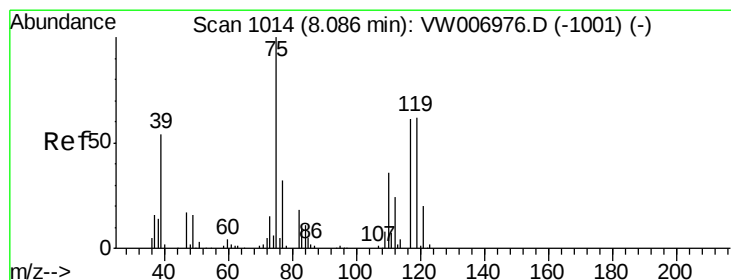
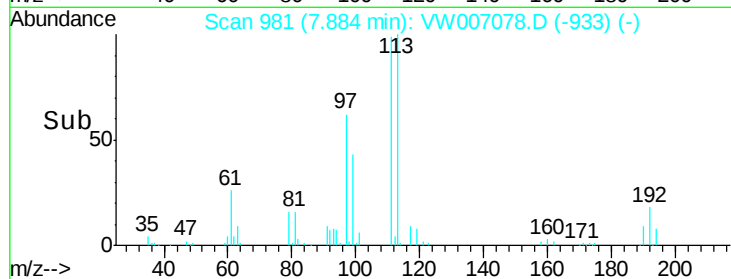
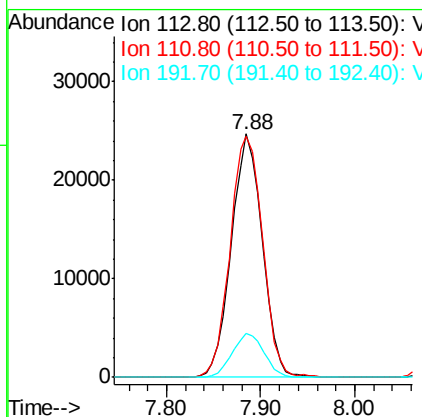
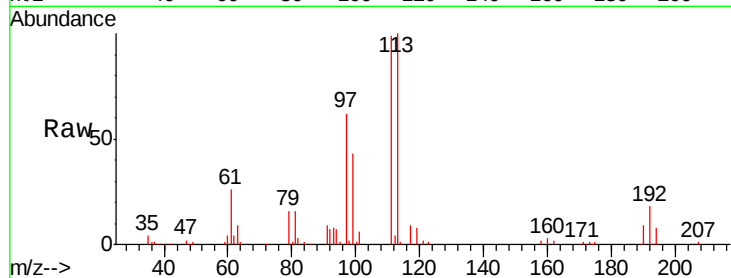




#35
 Dibromofluoromethane
 Concen: 52.94 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

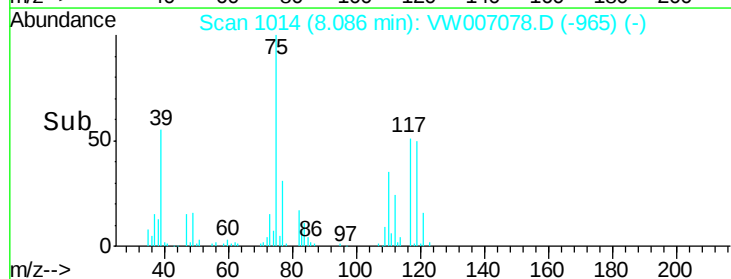
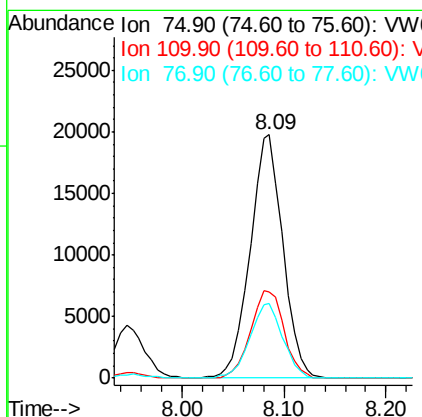
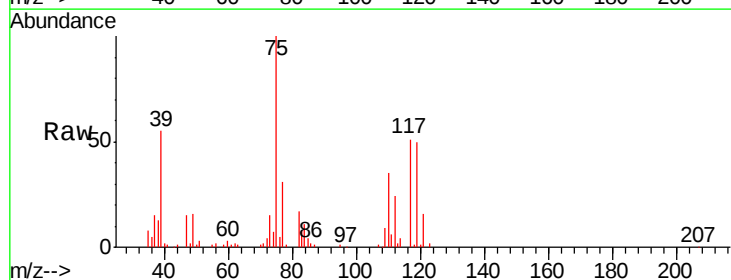
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

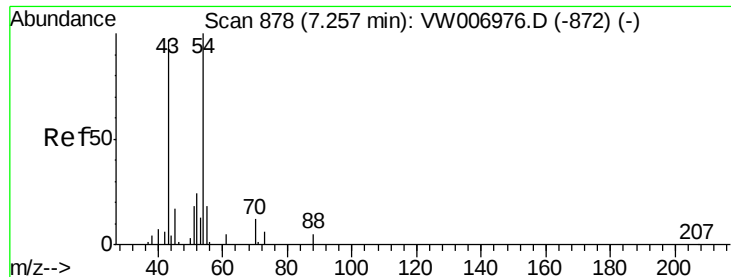
Tgt Ion:113 Resp: 56587
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.0 121.6
 192 18.4 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 23.96 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 75 Resp: 44324
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.0 54.0
 77 30.6 24.9 37.3

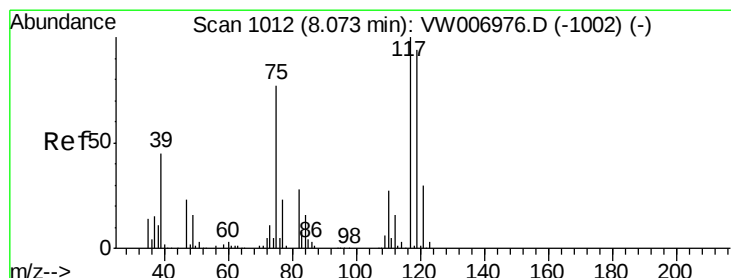
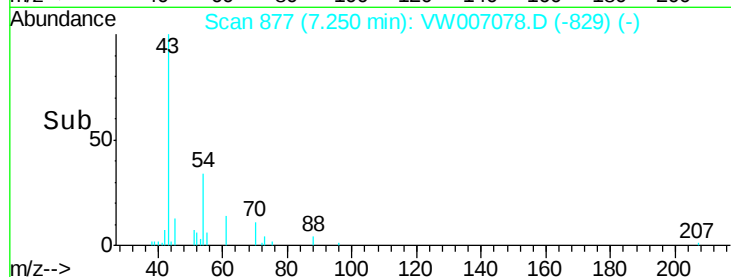
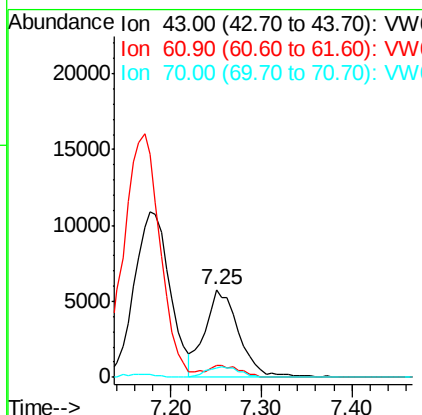
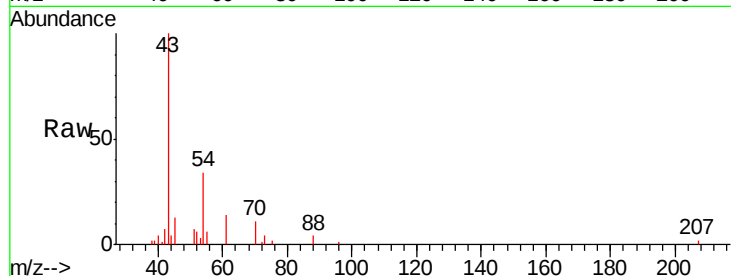




#37
Ethyl Acetate
Concen: 22.63 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

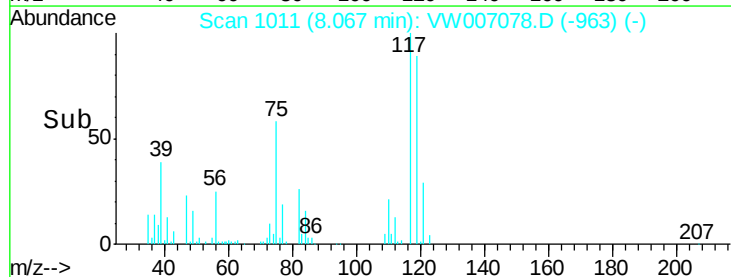
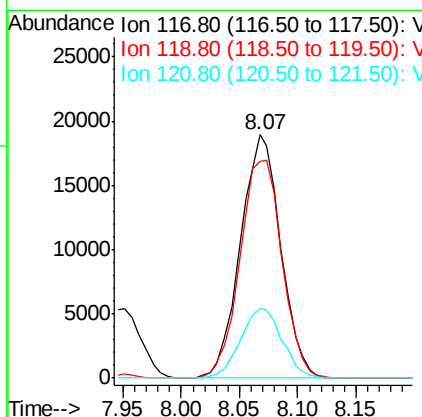
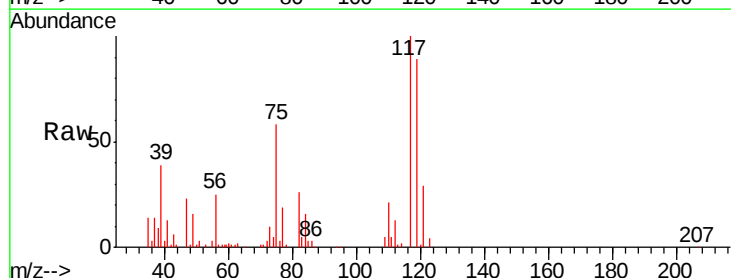
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

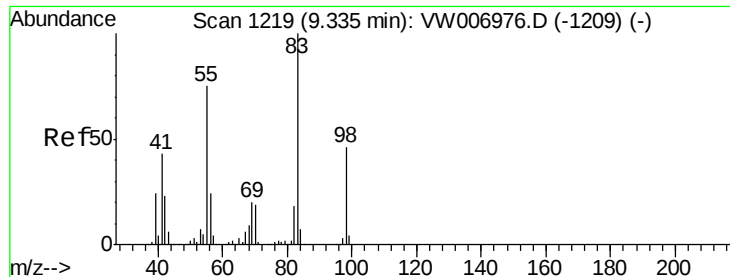
Tgt Ion: 43 Resp: 15170
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 25.57 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 117 Resp: 45295
Ion Ratio Lower Upper
117 100
119 89.3 74.9 112.3
121 28.7 23.6 35.4

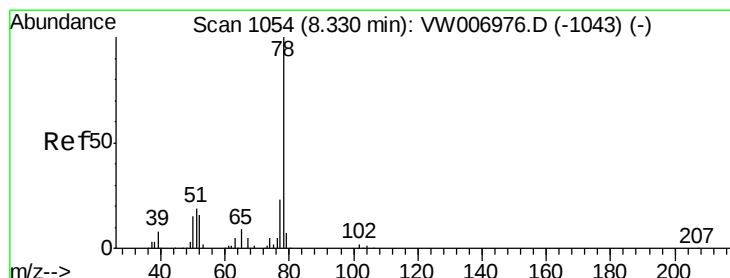
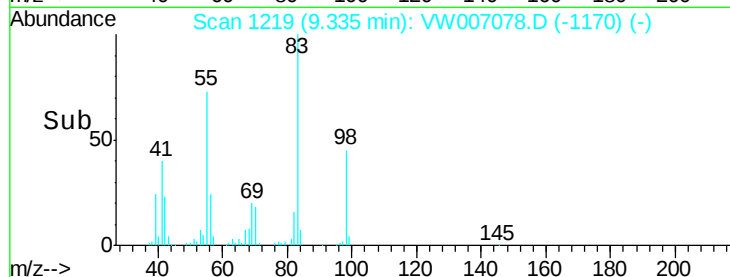
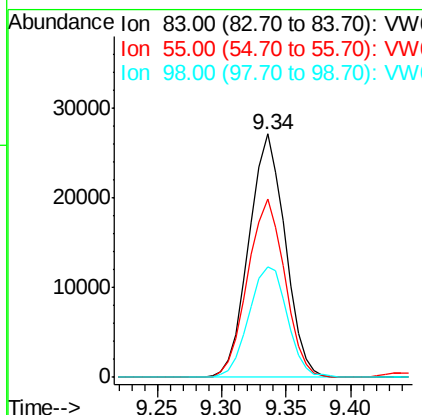
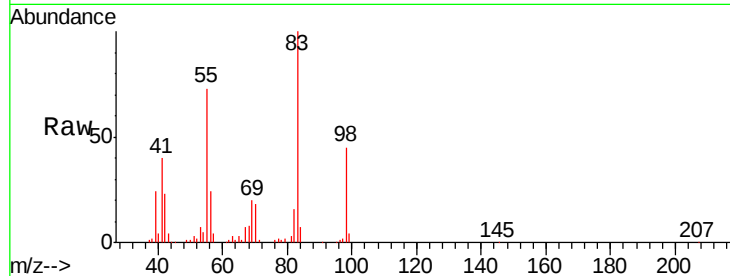




#39
Methylcyclohexane
Concen: 22.79 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

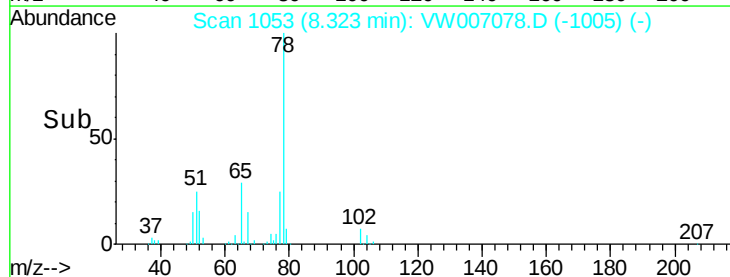
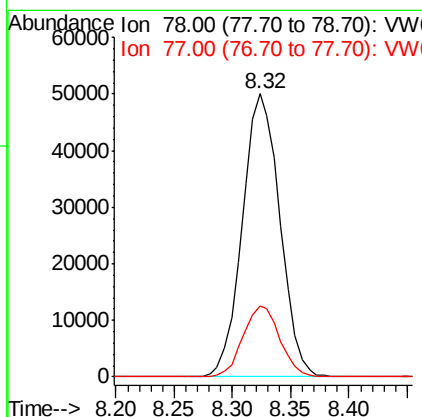
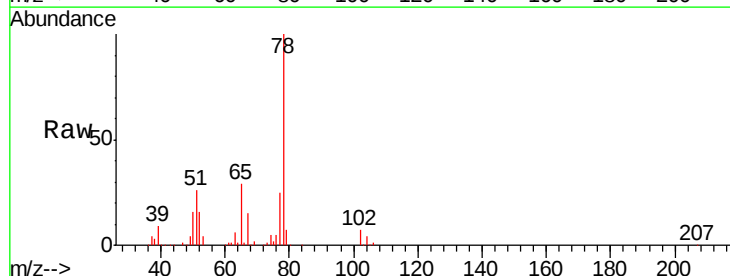
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

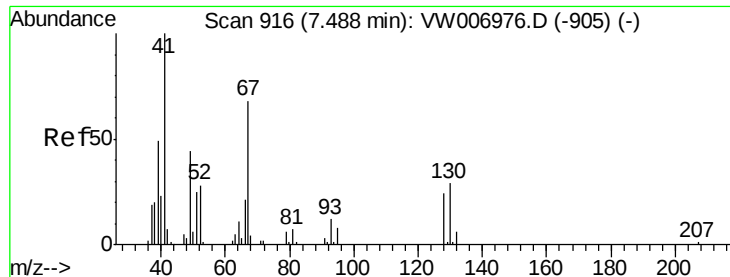
Tgt Ion: 83 Resp: 52761
Ion Ratio Lower Upper
83 100
55 73.1 59.6 89.4
98 45.2 37.1 55.7



#40
Benzene
Concen: 22.54 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 78 Resp: 112520
Ion Ratio Lower Upper
78 100
77 25.1 18.6 28.0

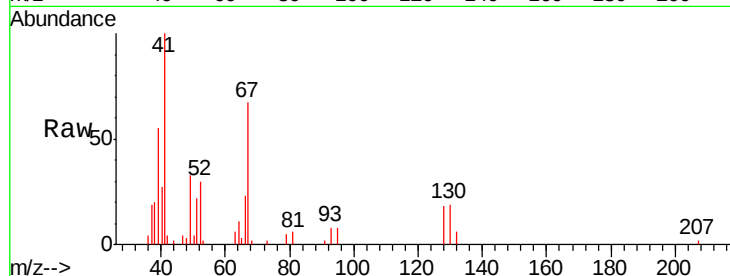




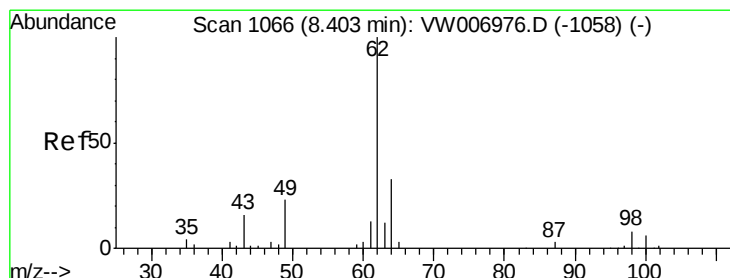
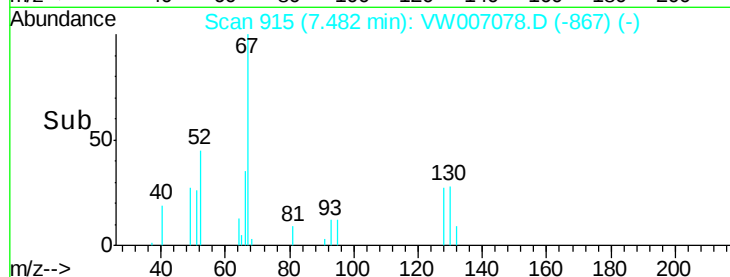
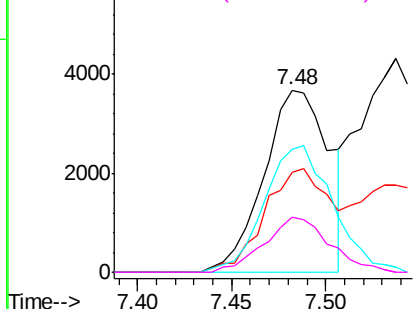
#41
Methacrylonitrile
Concen: 21.21 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tgt Ion:	41	Resp:	8828
Ion	Ratio	Lower	Upper
41	100		
39	56.4	48.6	73.0
67	72.5	59.8	89.8
52	30.2	24.8	37.2

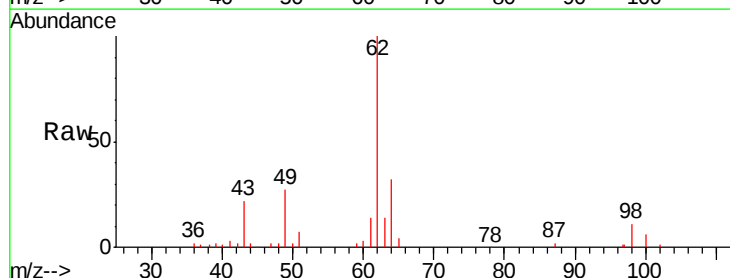


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

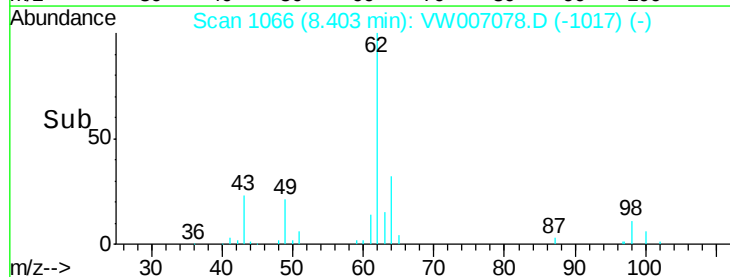
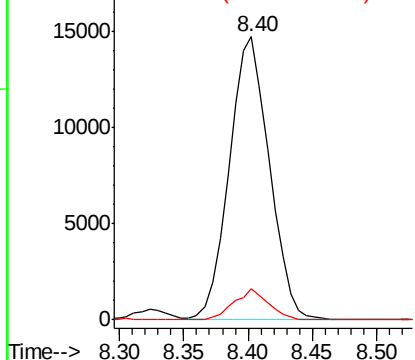


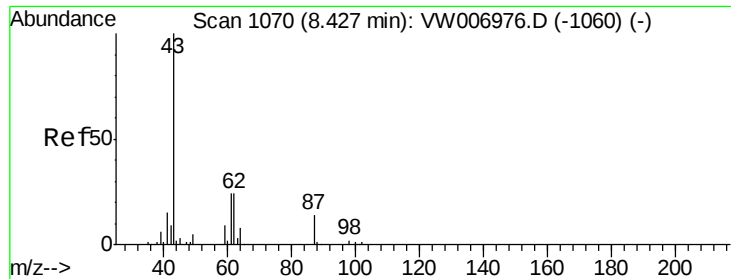
#42
1,2-Dichloroethane
Concen: 21.93 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion:	62	Resp:	31796
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 22.52 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

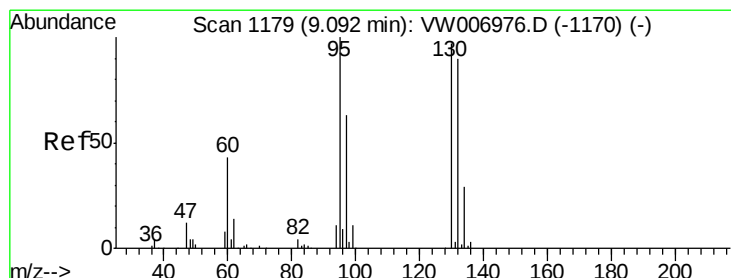
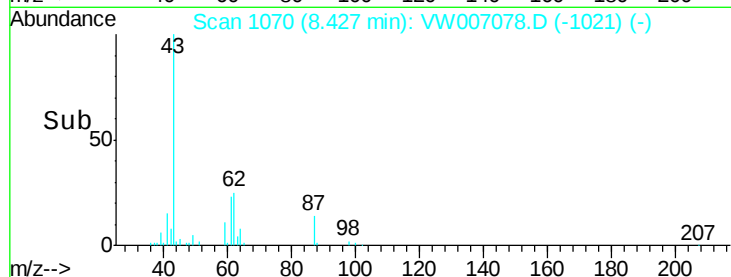
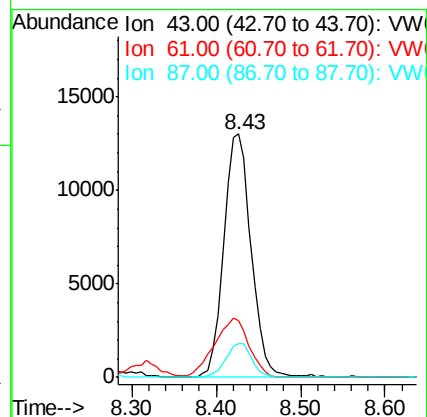
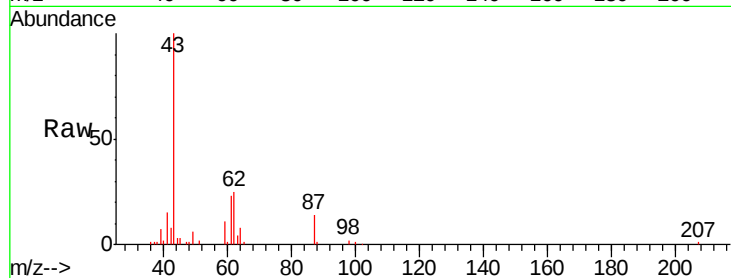
Tgt Ion: 43 Resp: 28762

Ion Ratio Lower Upper

43 100

61 31.0 26.1 39.1

87 13.3 11.2 16.8



#44

Trichloroethene

Concen: 23.87 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007078.D

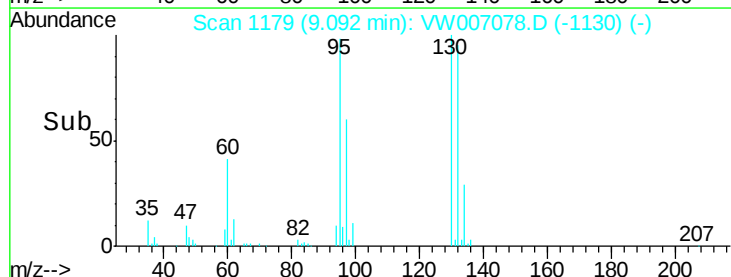
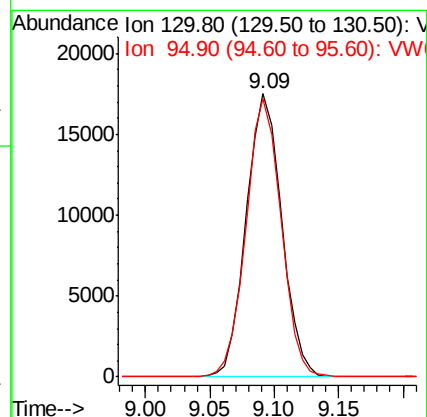
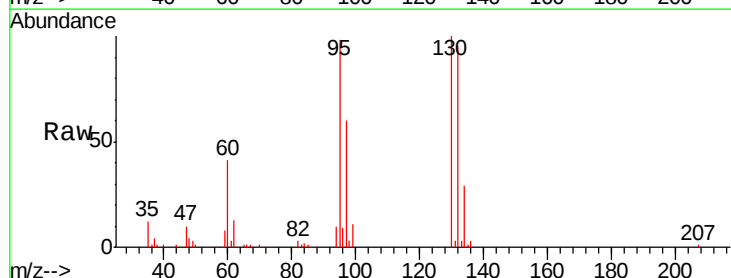
Acq: 27 Nov 2018 09:47

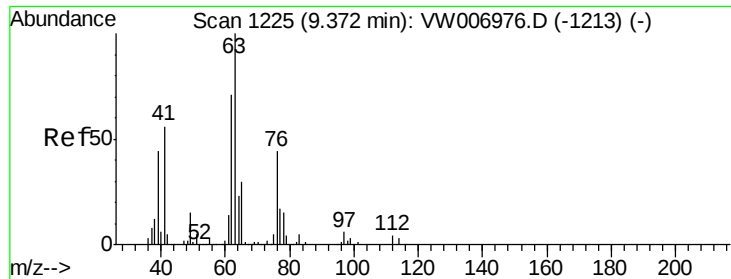
Tgt Ion: 130 Resp: 33415

Ion Ratio Lower Upper

130 100

95 98.3 0.0 206.4

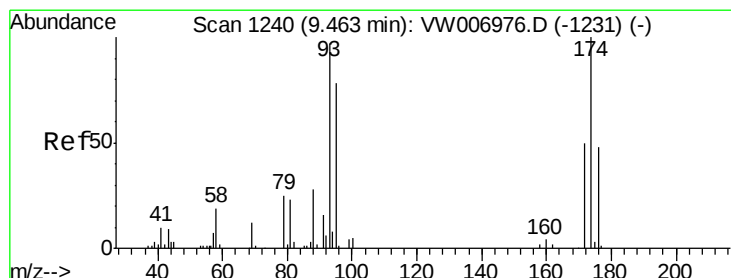
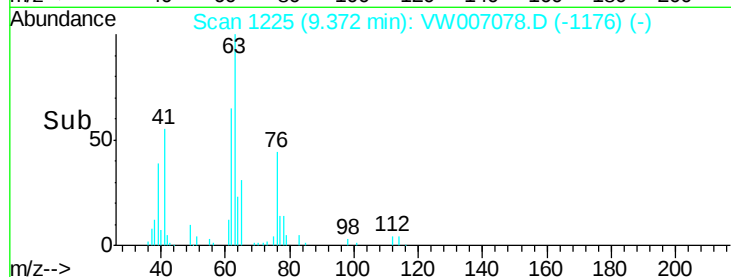
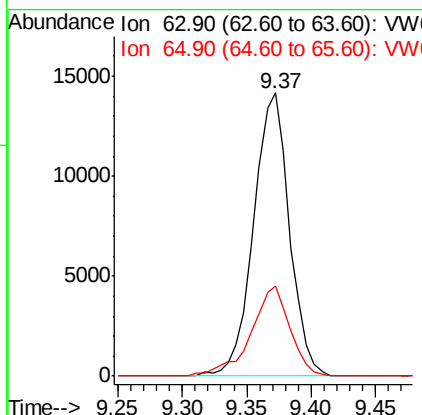
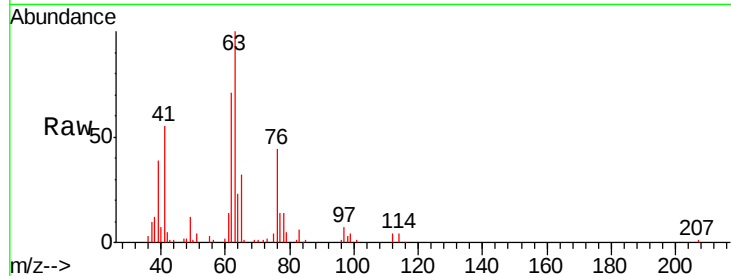




#45
 1,2-Dichloropropane
 Concen: 22.12 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

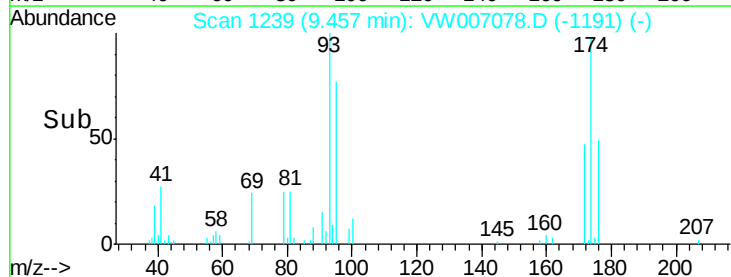
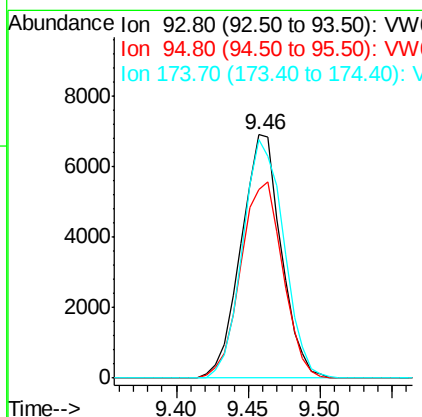
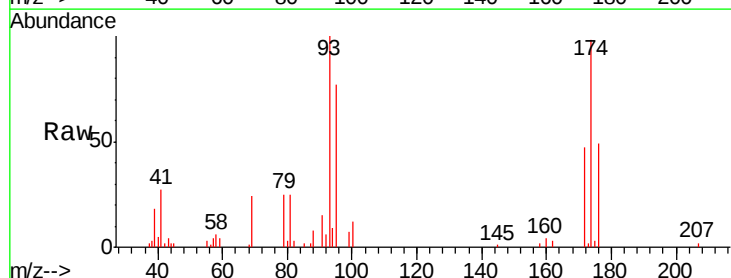
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

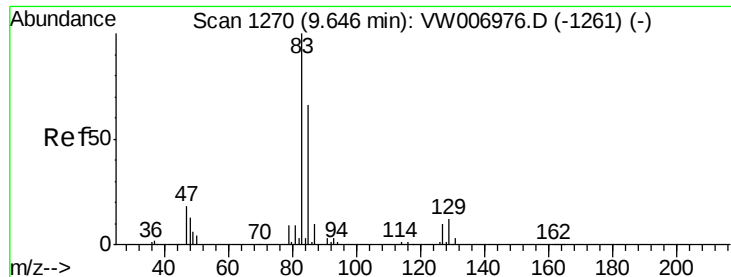
Tgt Ion: 63 Resp: 27232
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 21.66 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 93 Resp: 13353
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.1 99.1
 174 100.1 79.7 119.5





#47

Bromodichloromethane

Concen: 22.59 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

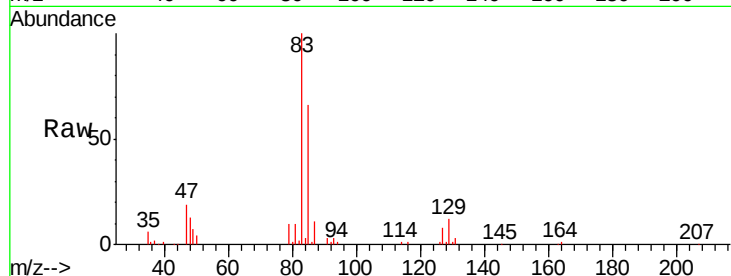
Tgt Ion: 83 Resp: 36682

Ion Ratio Lower Upper

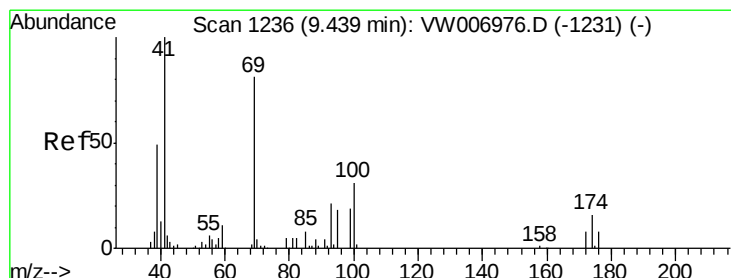
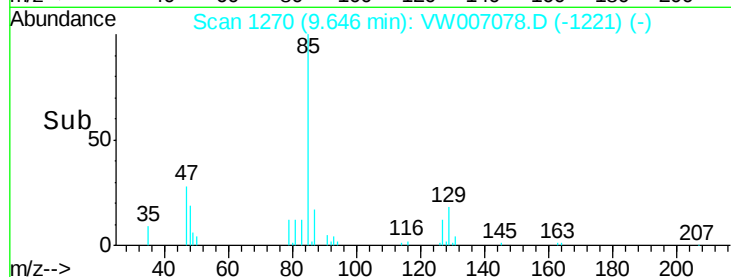
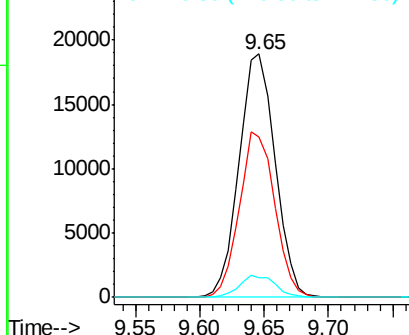
83 100

85 66.1 52.9 79.3

127 8.1 7.8 11.6



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



#48

Methyl methacrylate

Concen: 20.02 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

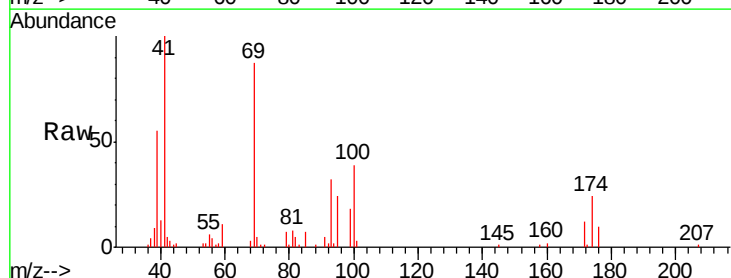
Tgt Ion: 41 Resp: 12328

Ion Ratio Lower Upper

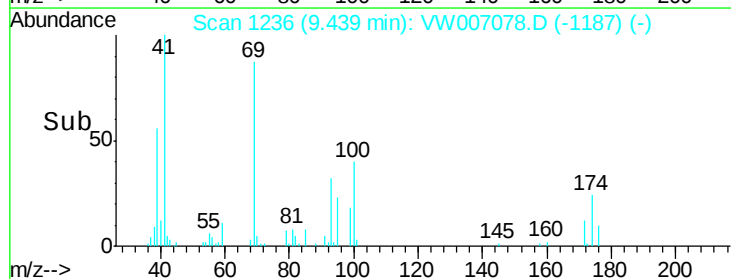
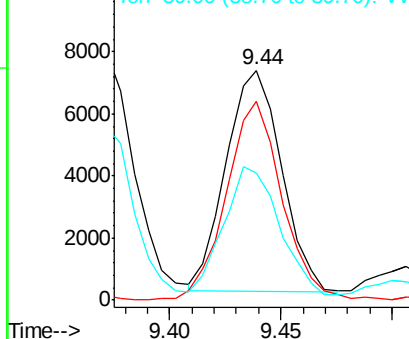
41 100

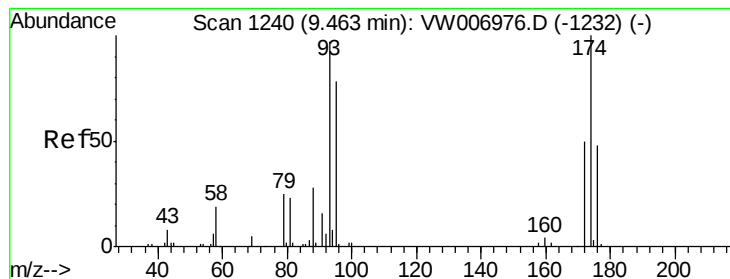
69 91.0 71.4 107.0

39 58.1 44.8 67.2



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





#49

1,4-Dioxane

Concen: 398.64 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

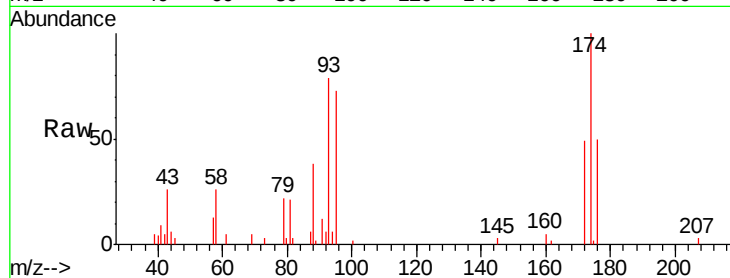
Tgt Ion: 88 Resp: 3652

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

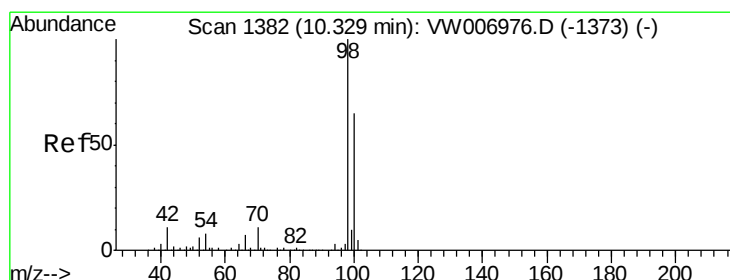
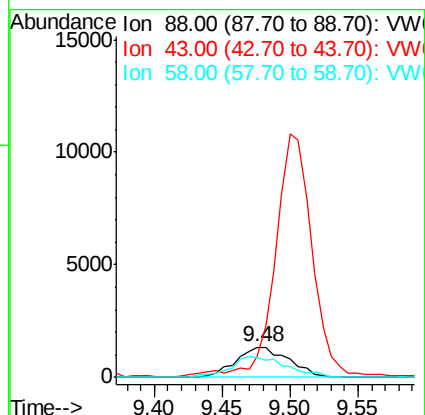
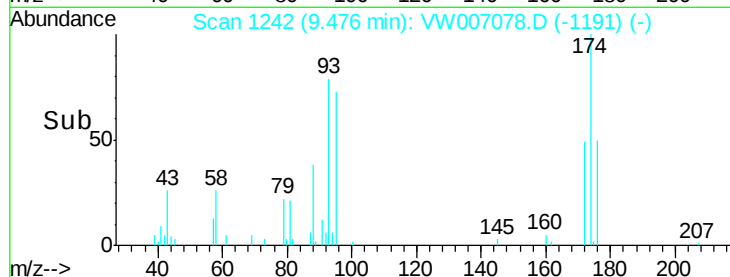
58 72.1 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.62 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007078.D

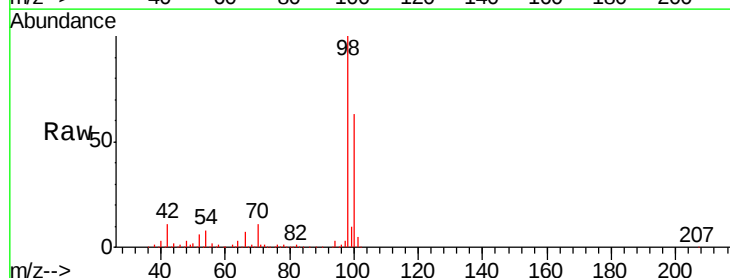
Acq: 27 Nov 2018 09:47

Tgt Ion: 98 Resp: 243670

Ion Ratio Lower Upper

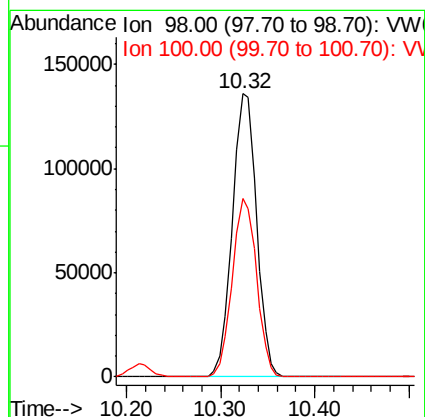
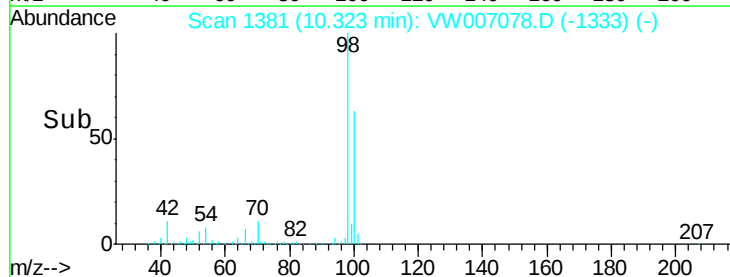
98 100

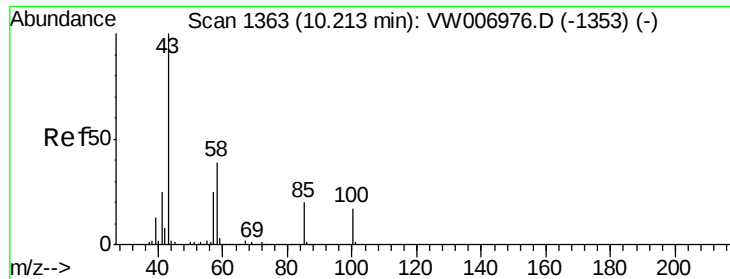
100 63.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

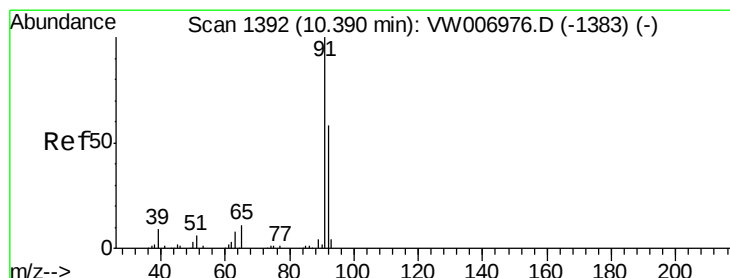
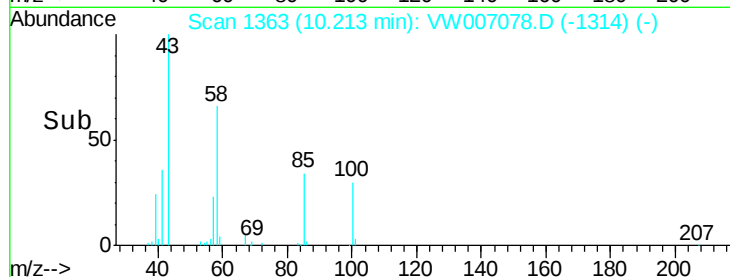
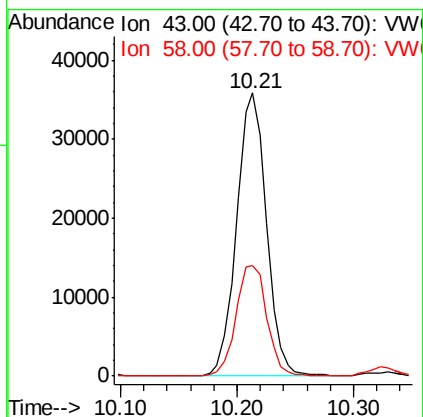
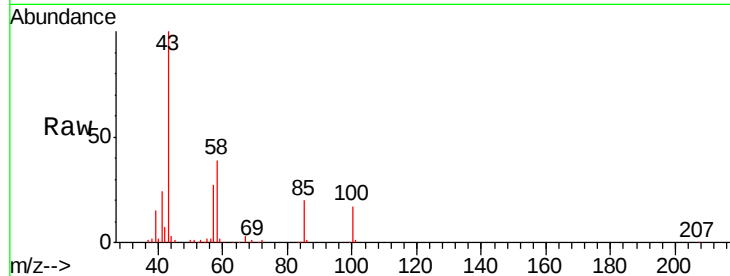




#51
 4-Methyl-2-Pentanone
 Concen: 99.67 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

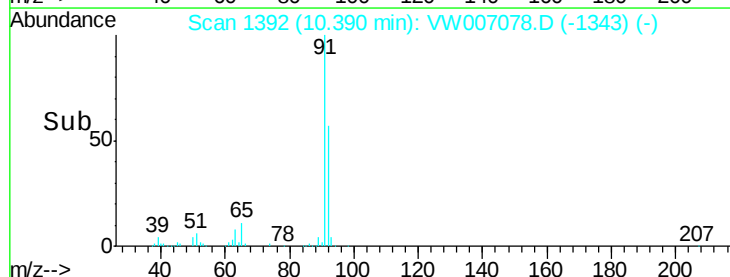
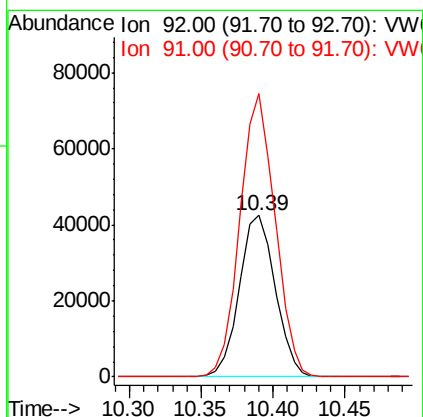
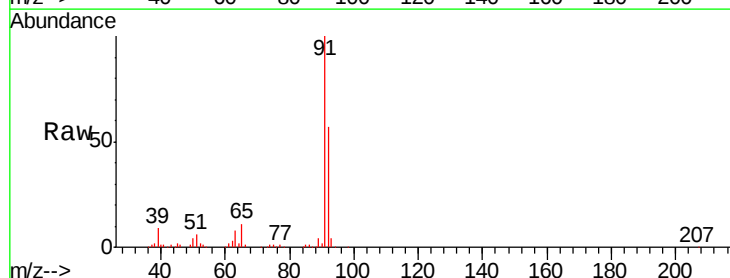
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

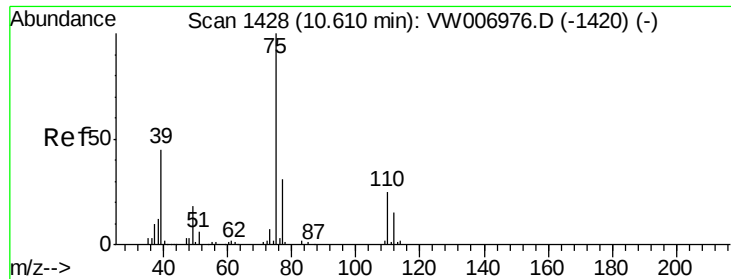
Tgt Ion: 43 Resp: 64339
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.8 47.6



#52
 Toluene
 Concen: 21.64 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 92 Resp: 73522
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.20 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

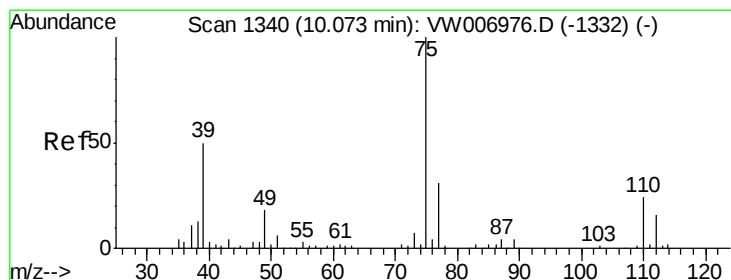
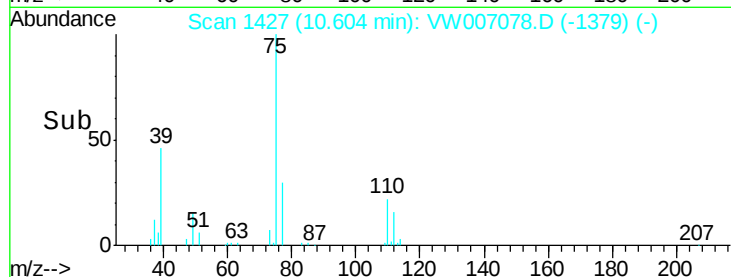
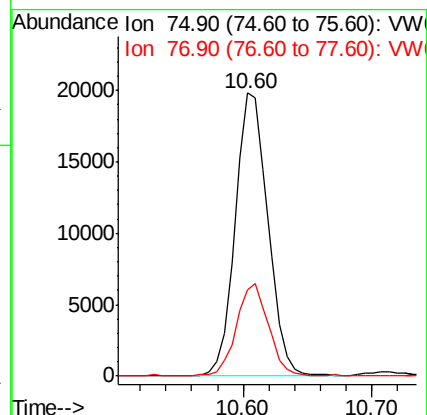
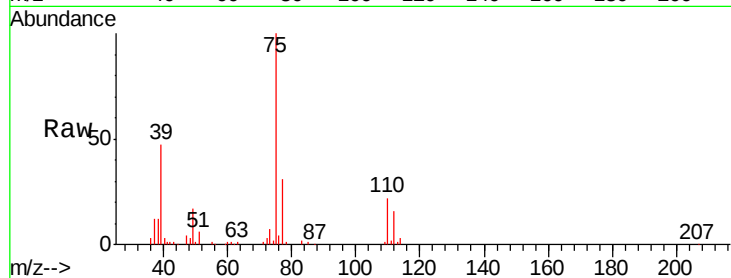
VW1126SBS02

Tgt Ion: 75 Resp: 34920

Ion Ratio Lower Upper

75 100

77 30.3 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 22.84 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

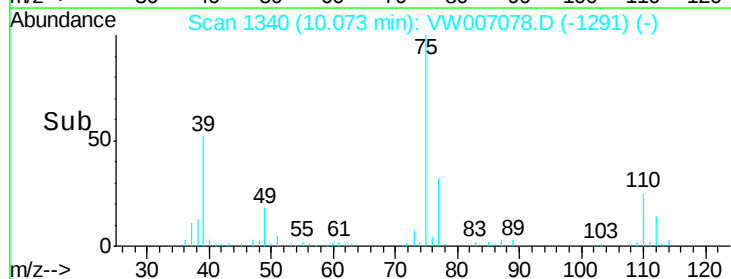
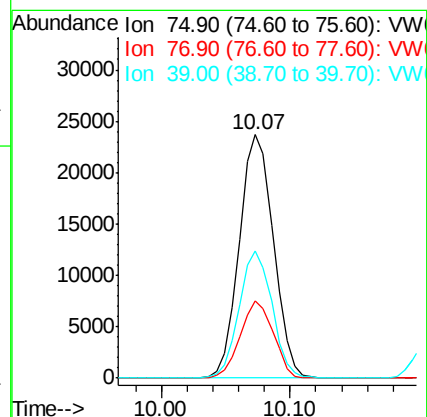
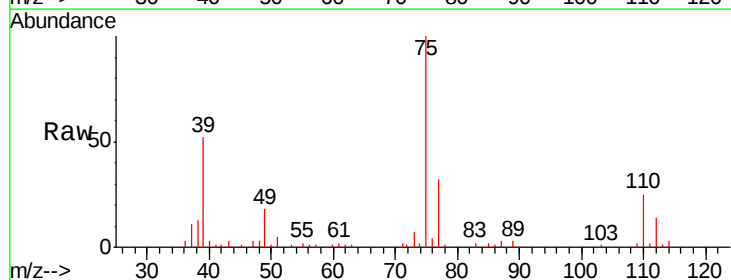
Tgt Ion: 75 Resp: 43417

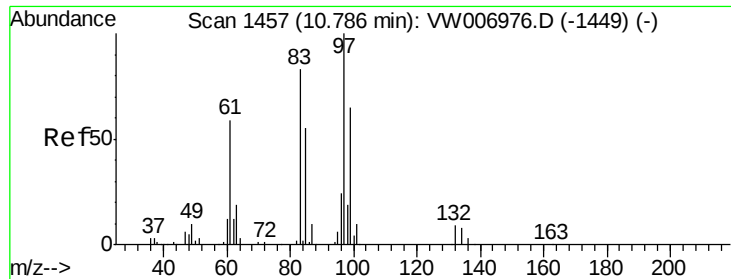
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 52.2 39.9 59.9

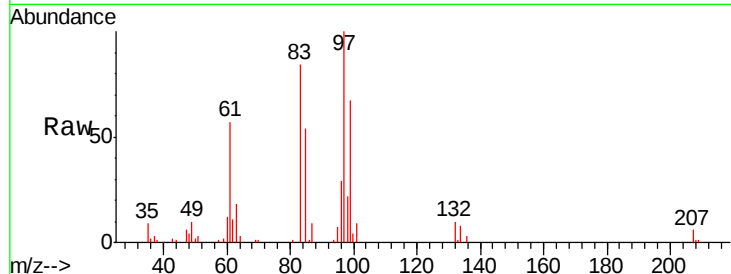




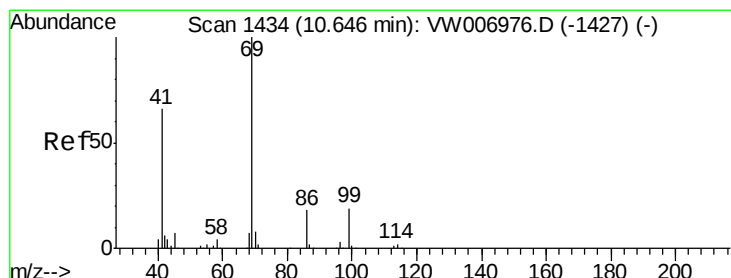
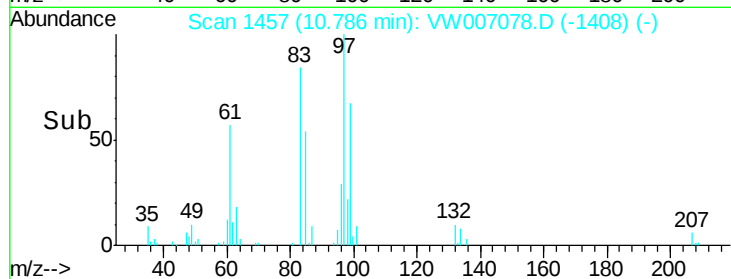
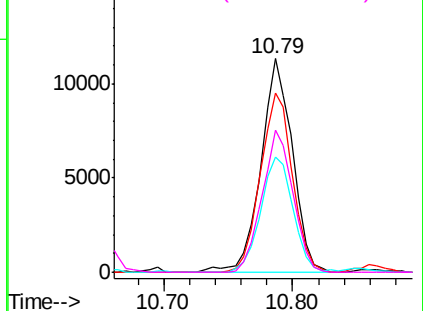
#55
 1,1,2-Trichloroethane
 Concen: 21.10 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Tgt Ion:	97	Resp:	19131
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.4	99.6
85	53.9	44.1	66.1
99	66.7	51.7	77.5

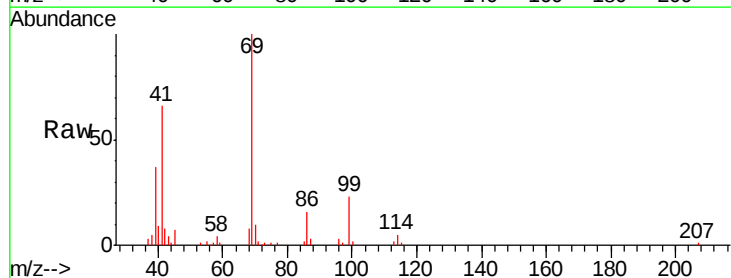


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

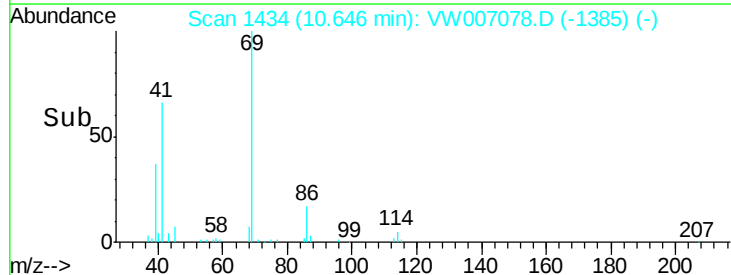
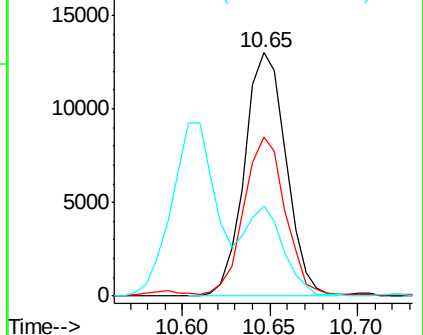


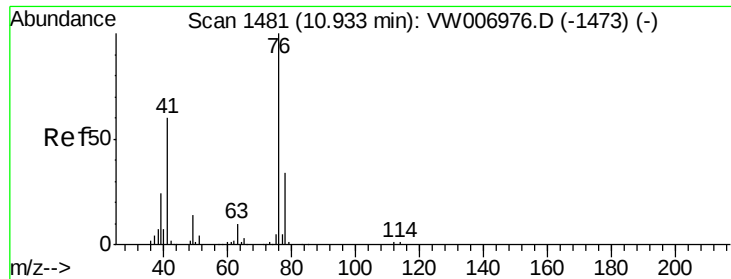
#56
 Ethyl methacrylate
 Concen: 20.43 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion:	69	Resp:	21502
Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.4	80.0
39	35.0	28.2	42.4



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

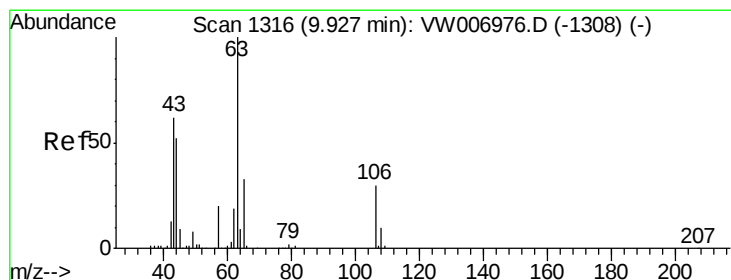
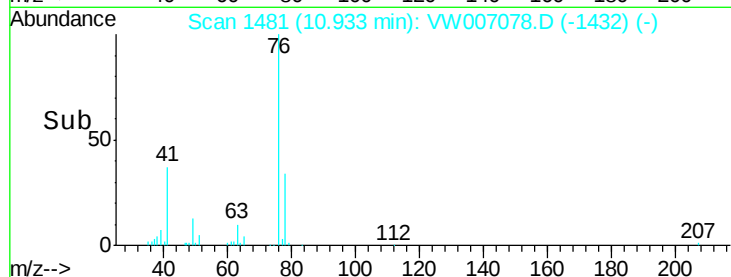
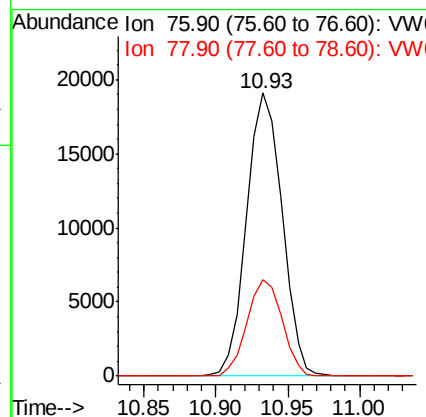
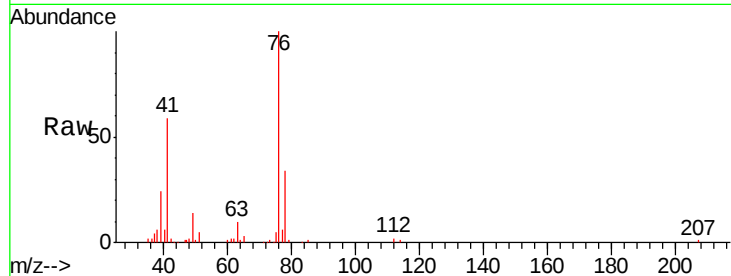




#57
 1,3-Dichloropropane
 Concen: 21.52 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

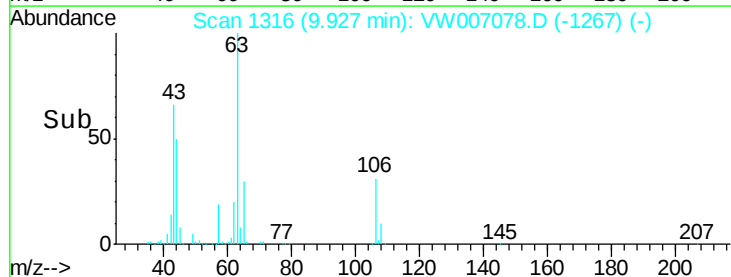
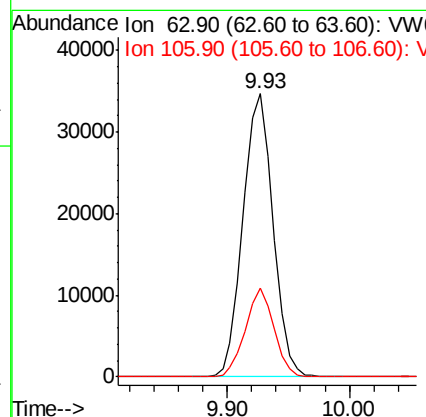
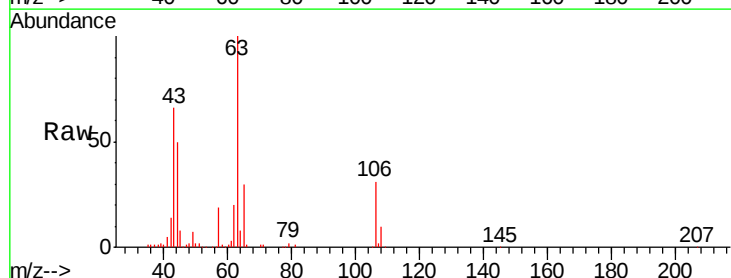
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

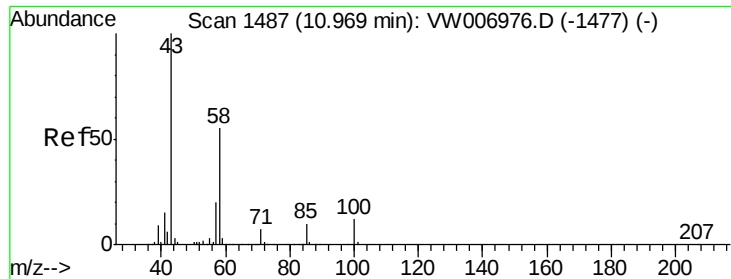
Tgt Ion: 76 Resp: 32704
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.63 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 63 Resp: 59204
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.5 35.3

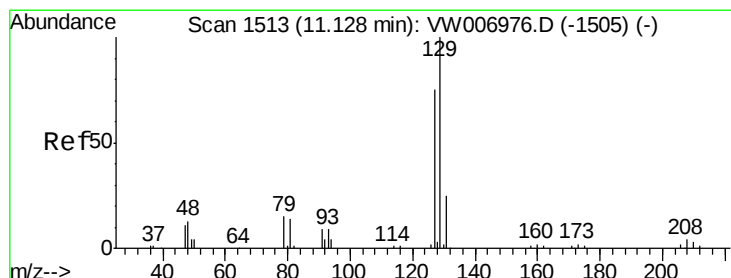
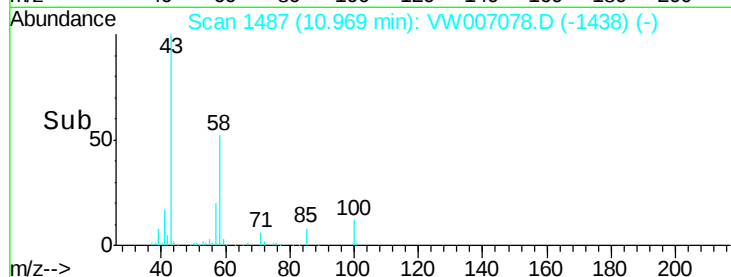
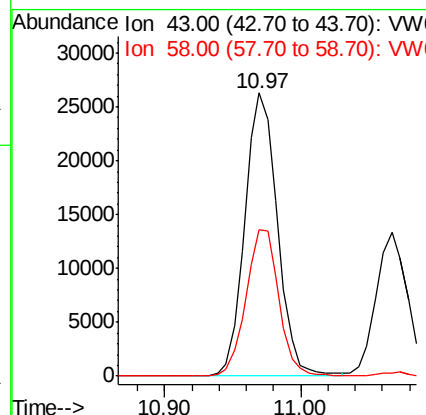
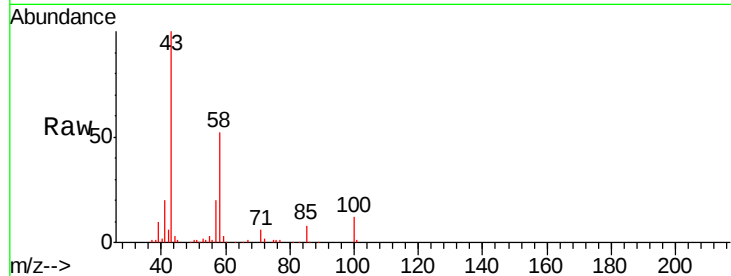




#59
2-Hexanone
Concen: 99.75 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

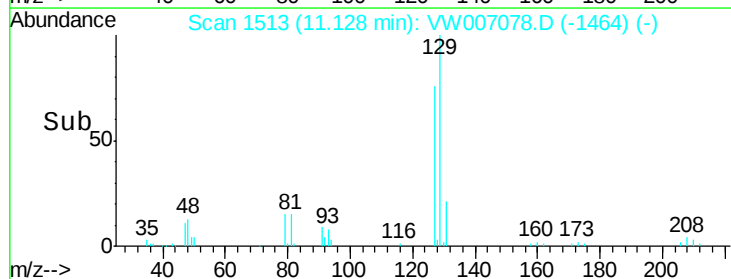
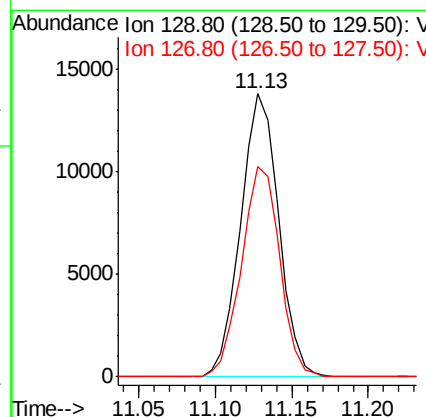
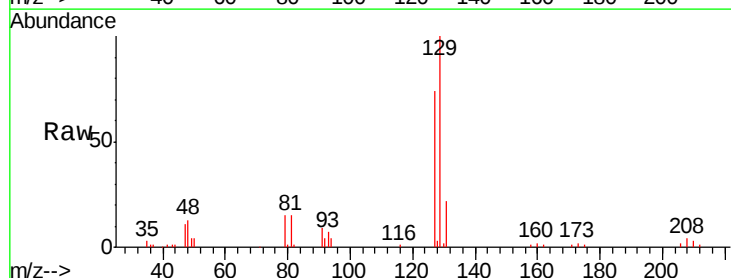
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

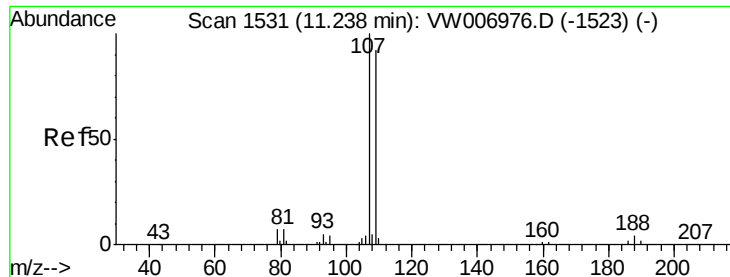
Tgt Ion: 43 Resp: 44092
Ion Ratio Lower Upper
43 100
58 52.3 27.3 81.8



#60
Dibromochloromethane
Concen: 23.08 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 129 Resp: 23850
Ion Ratio Lower Upper
129 100
127 74.7 38.3 114.8

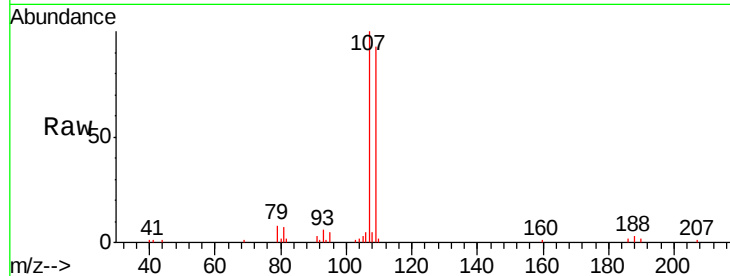




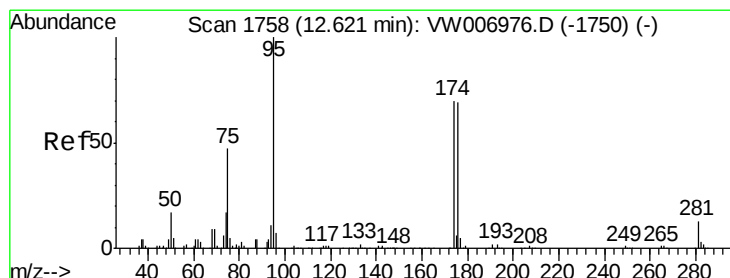
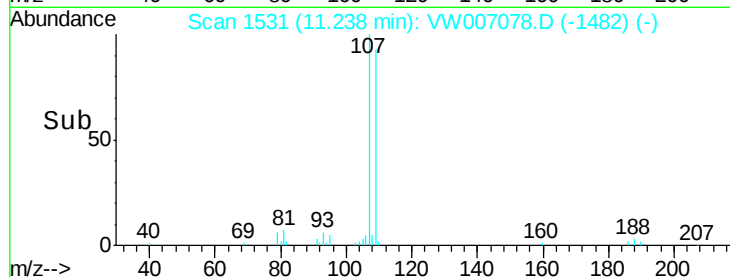
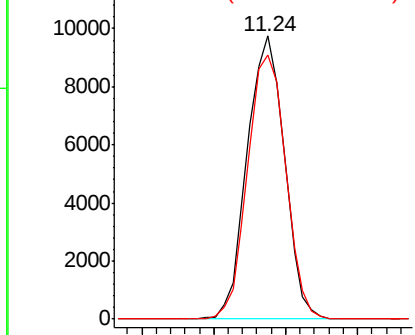
#61
 1,2-Dibromoethane
 Concen: 21.01 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

Tgt Ion: 107 Resp: 17429
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.1 112.7

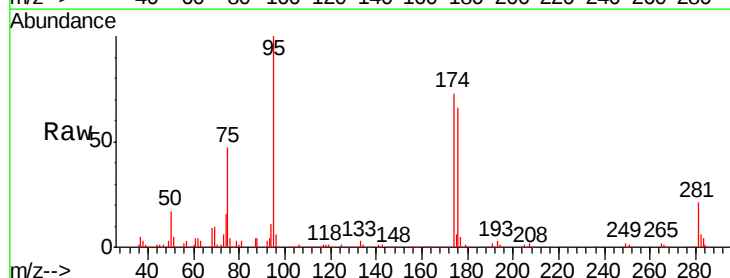


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

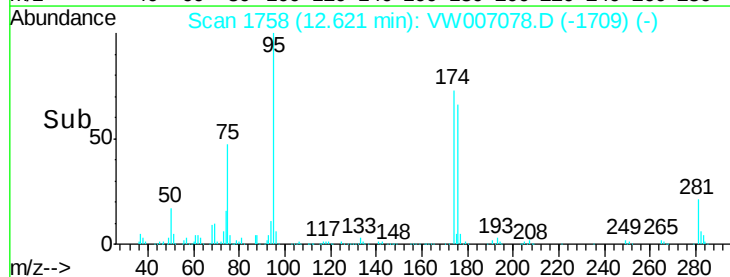
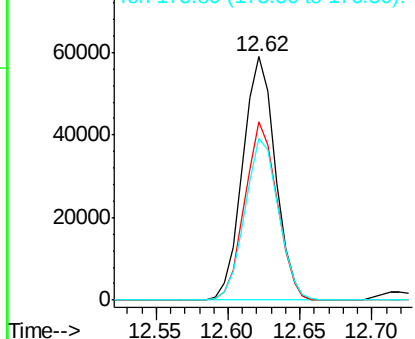


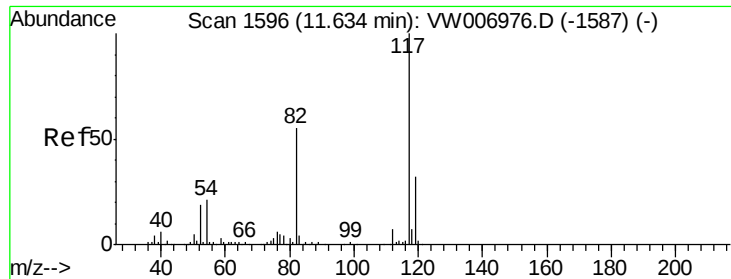
#62
 4-Bromofluorobenzene
 Concen: 49.74 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 95 Resp: 92385
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 143.6
 176 68.3 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

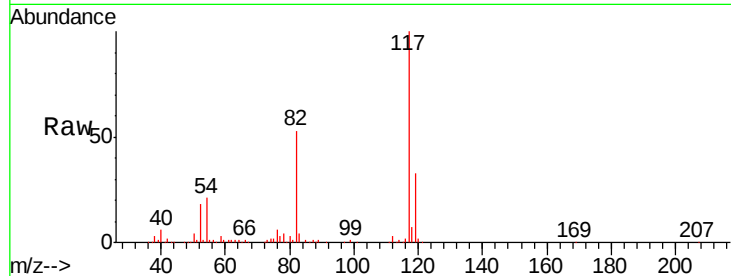




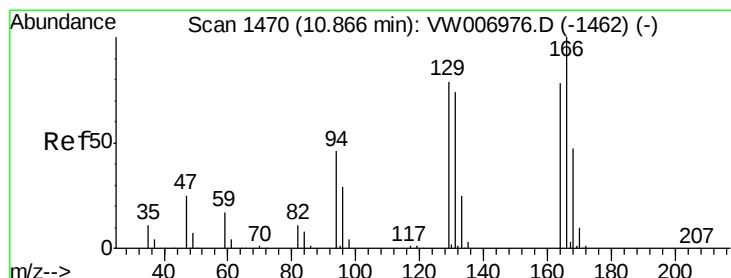
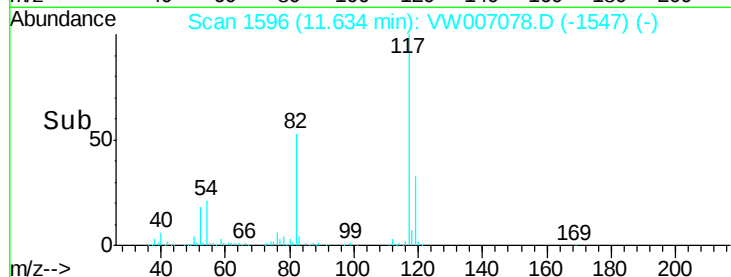
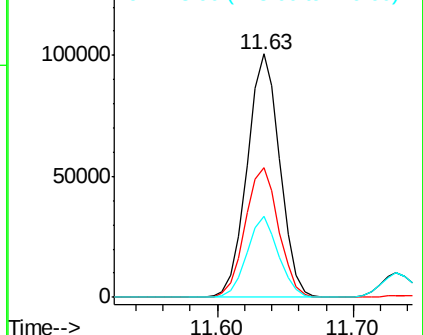
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tgt Ion:117 Resp: 169142
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 33.1 25.9 38.9

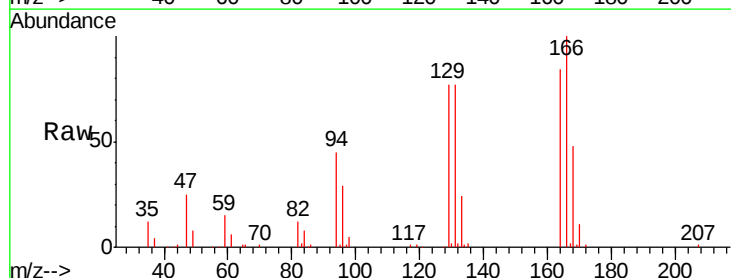


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

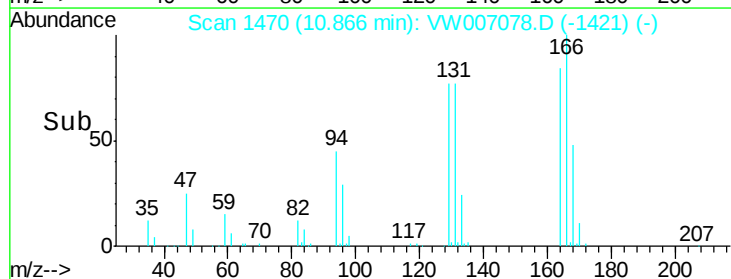
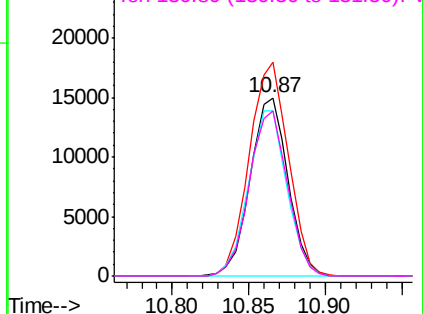


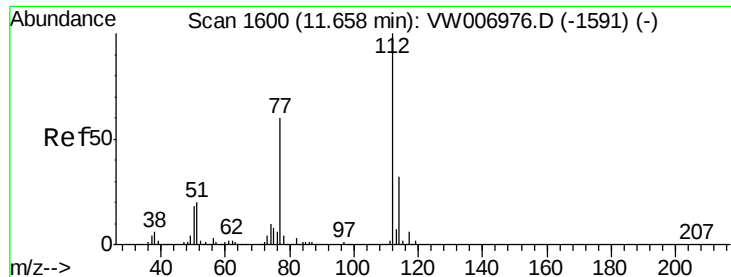
#64
Tetrachloroethene
Concen: 23.59 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion:164 Resp: 25667
Ion Ratio Lower Upper
164 100
166 119.7 102.1 153.1
129 92.5 80.4 120.6
131 92.5 75.2 112.8



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

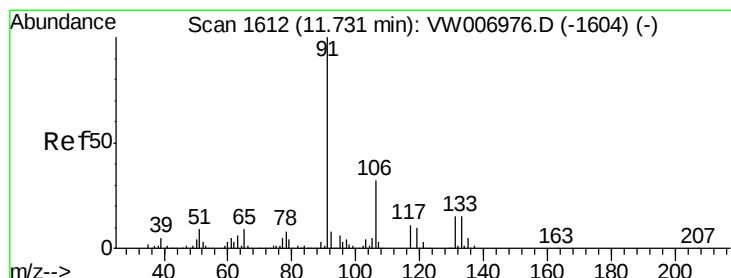
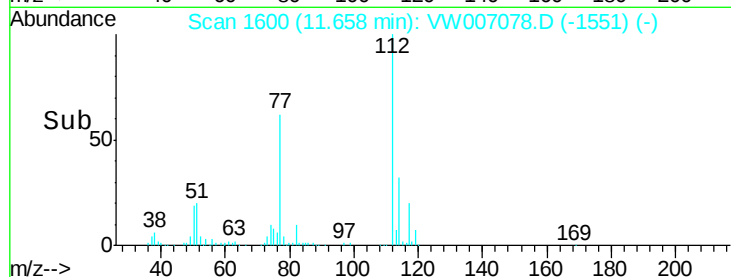
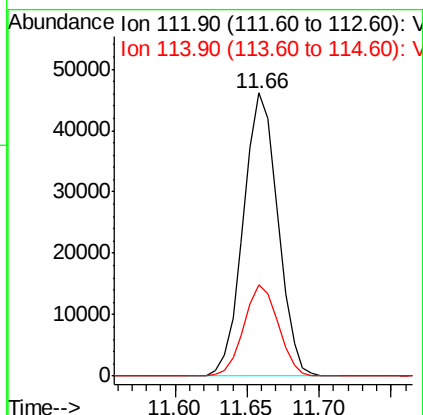
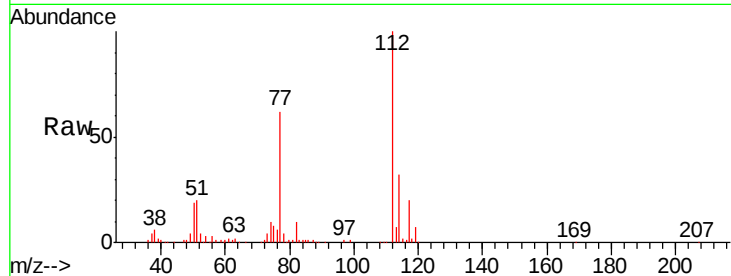




#65
Chlorobenzene
Concen: 21.65 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

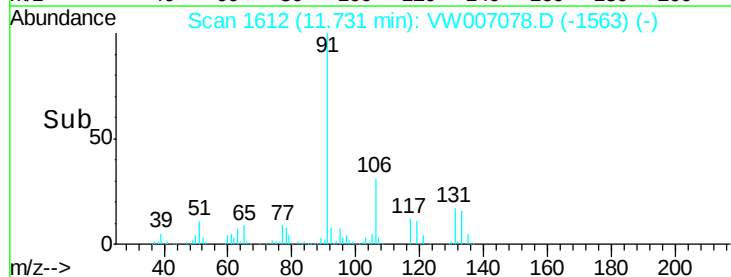
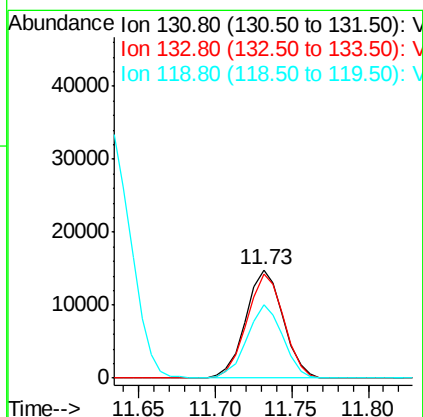
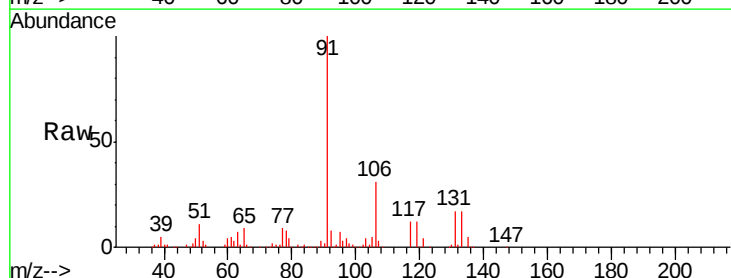
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

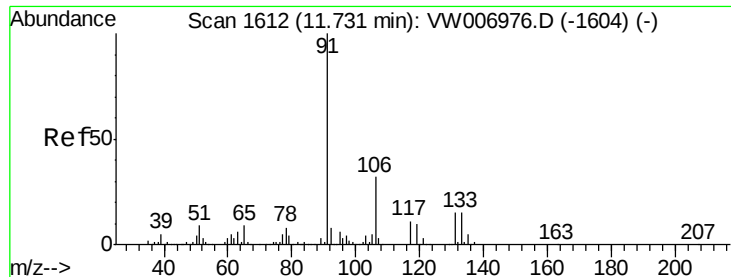
Tgt Ion:112 Resp: 76426
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.53 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion:131 Resp: 25133
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 65.4 31.8 95.3

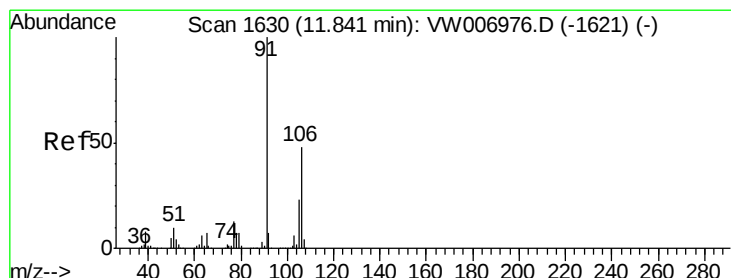
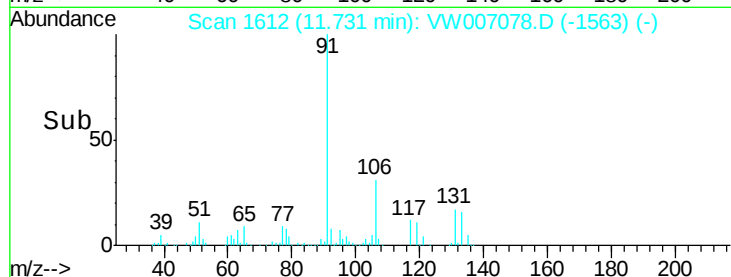
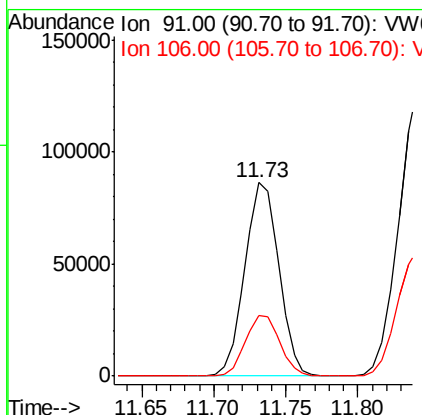
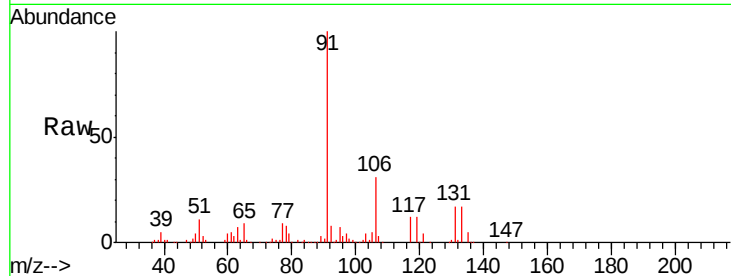




#67
Ethyl Benzene
Concen: 21.75 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

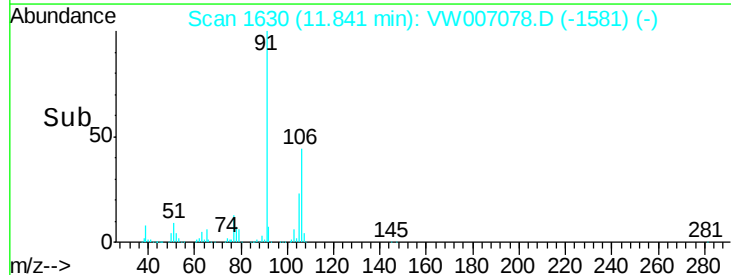
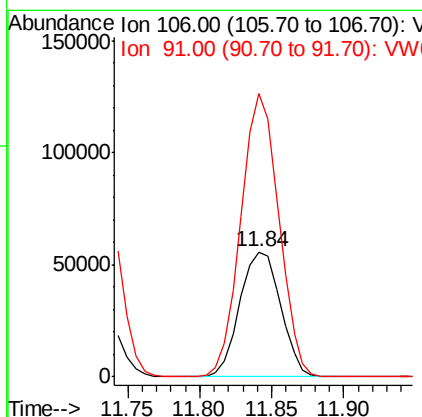
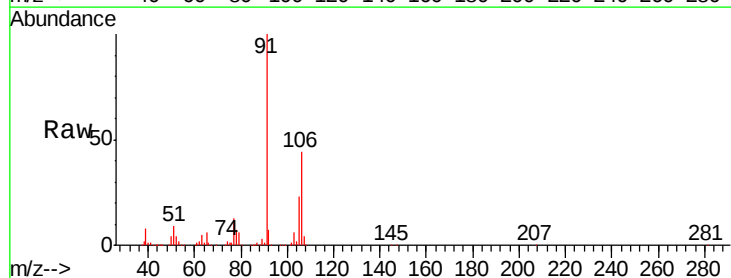
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

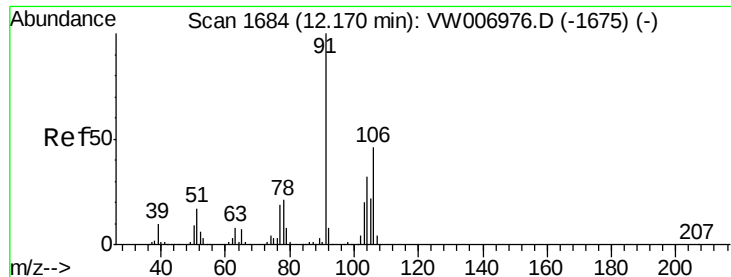
Tgt Ion: 91 Resp: 141068
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 43.33 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 106 Resp: 110256
Ion Ratio Lower Upper
106 100
91 210.1 164.8 247.2

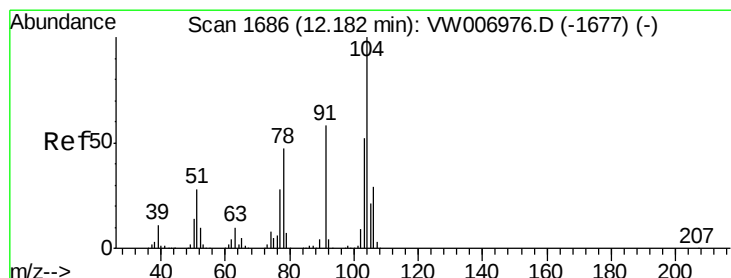
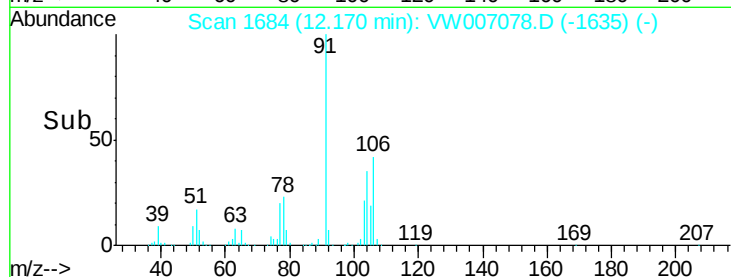
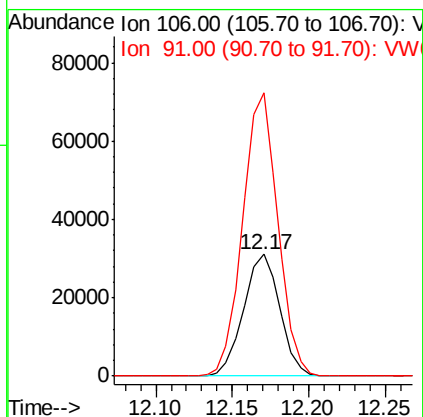
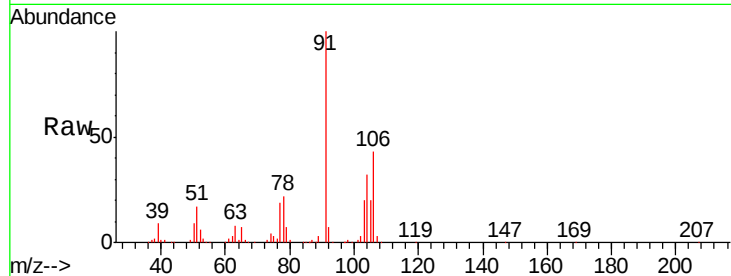




#69
o-Xylene
Concen: 21.29 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

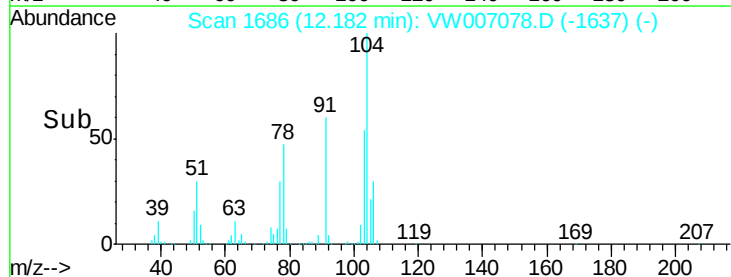
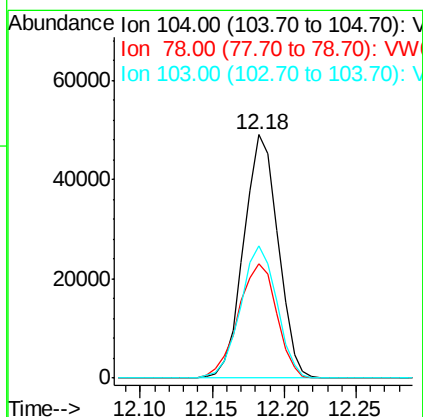
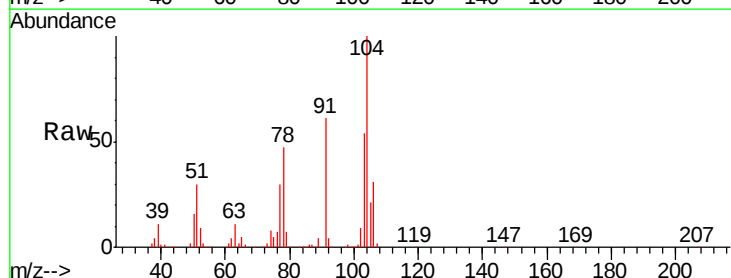
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

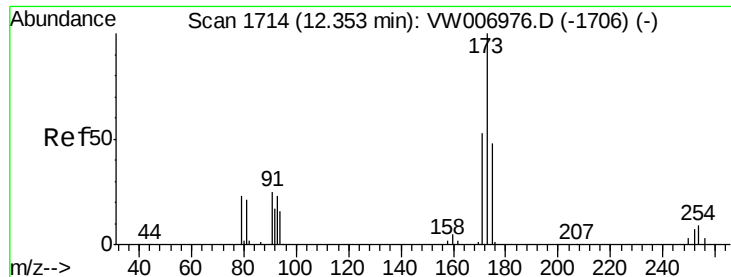
Tgt Ion:106 Resp: 51072
Ion Ratio Lower Upper
106 100
91 225.5 107.9 323.8



#70
Styrene
Concen: 21.23 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion:104 Resp: 81076
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 57.5 44.4 66.6





#71

Bromoform

Concen: 22.40 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

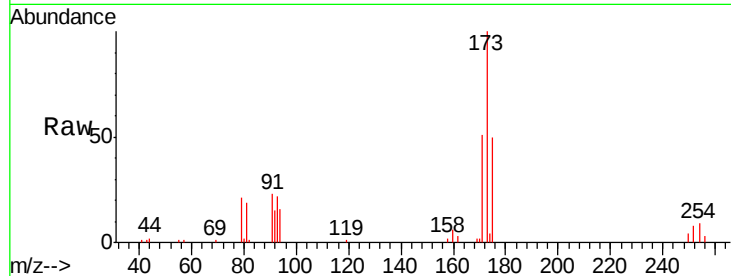
Tgt Ion:173 Resp: 11267

Ion Ratio Lower Upper

173 100

175 50.5 24.0 72.0

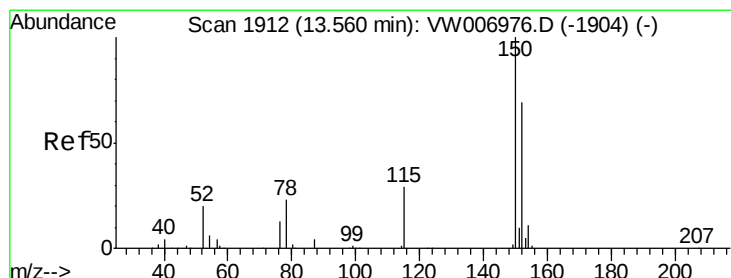
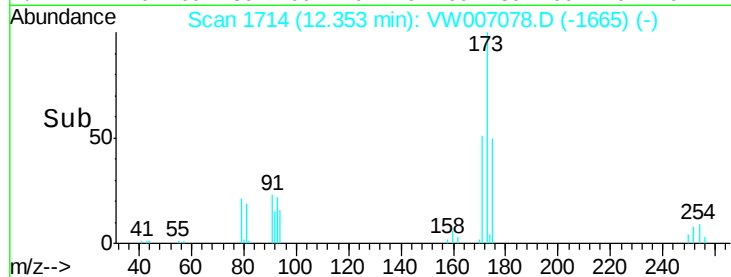
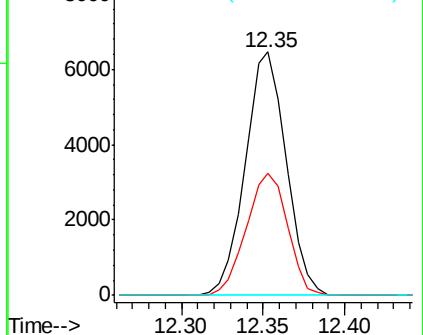
254 0.0 0.0 0.0



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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

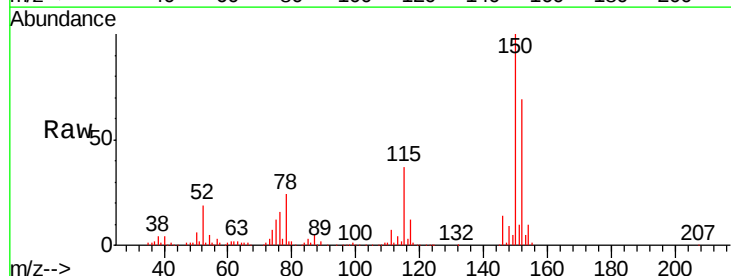
Tgt Ion:152 Resp: 83860

Ion Ratio Lower Upper

152 100

115 59.6 31.4 94.2

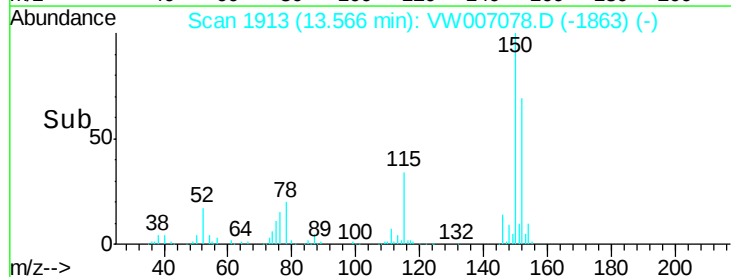
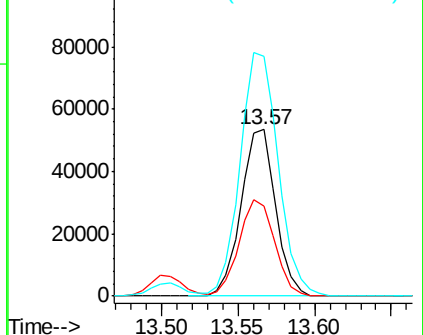
150 161.4 0.0 353.4

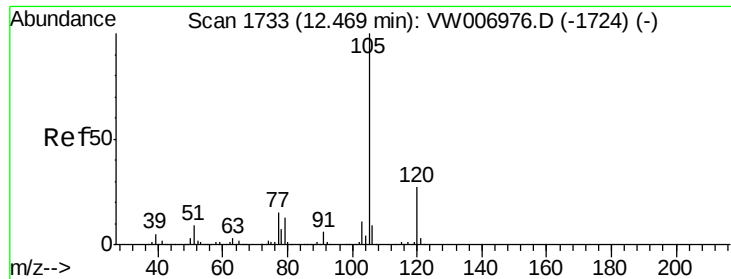


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.92 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

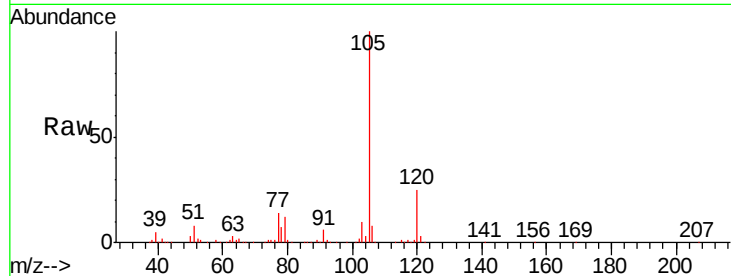
VW1126SBS02

Tgt Ion:105 Resp: 149391

Ion Ratio Lower Upper

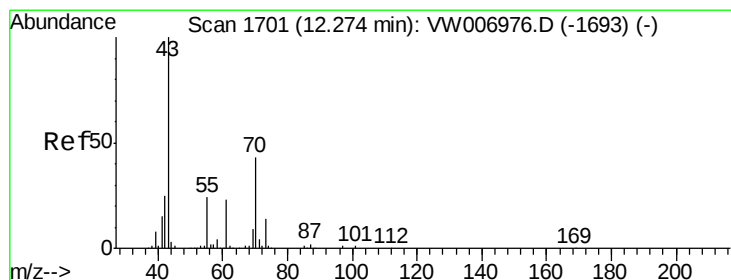
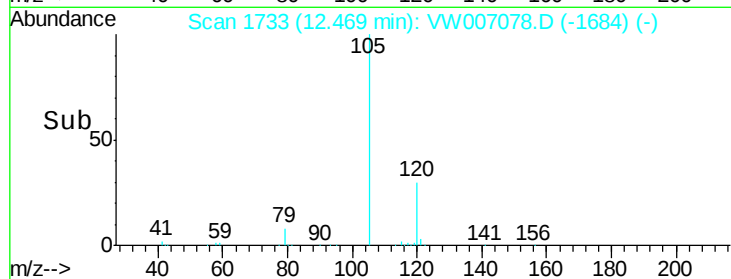
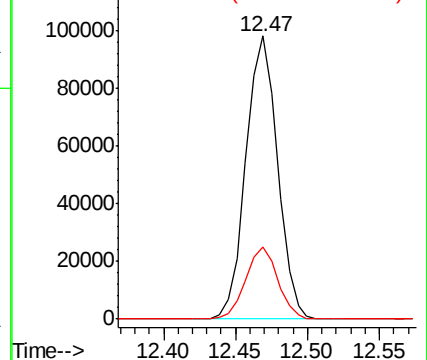
105 100

120 25.7 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: 21.04 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Tgt Ion: 43 Resp: 22980

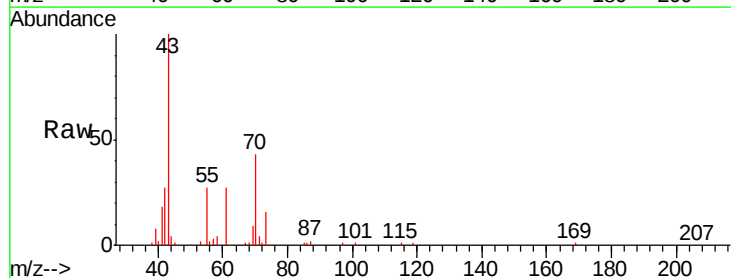
Ion Ratio Lower Upper

43 100

70 42.9 34.0 51.0

55 27.4 19.4 29.0

61 24.8 19.4 29.2

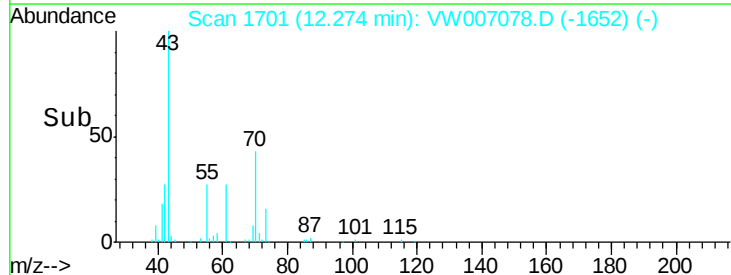
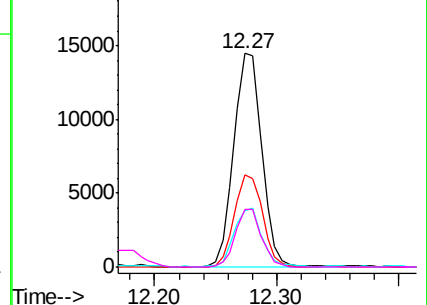


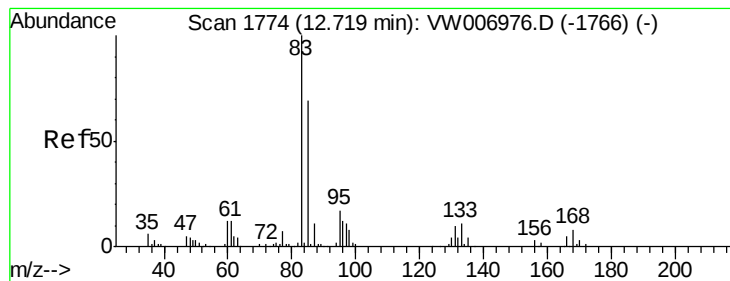
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.92 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

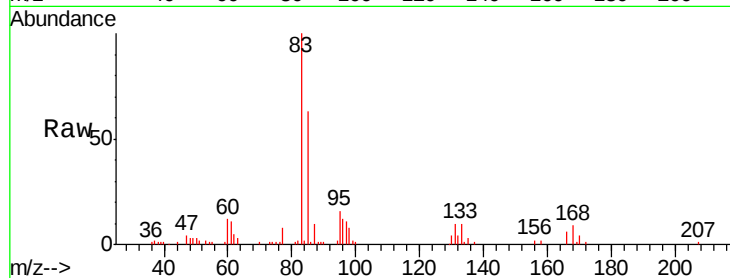
Tgt Ion: 83 Resp: 19014

Ion Ratio Lower Upper

83 100

131 12.4 5.7 17.1

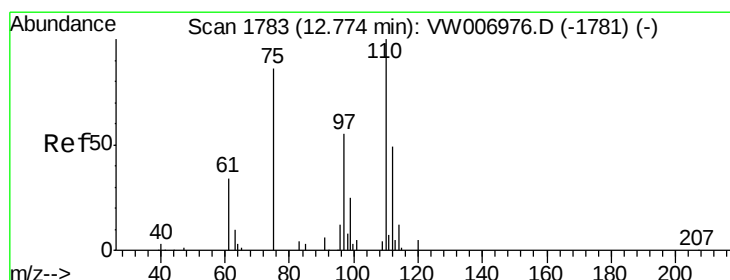
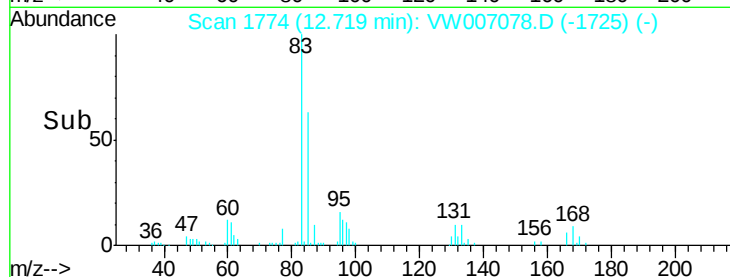
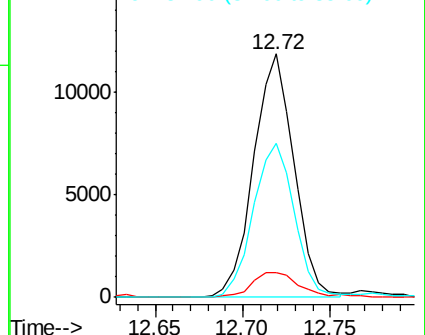
85 64.6 33.1 99.2



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: 39.23 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007078.D

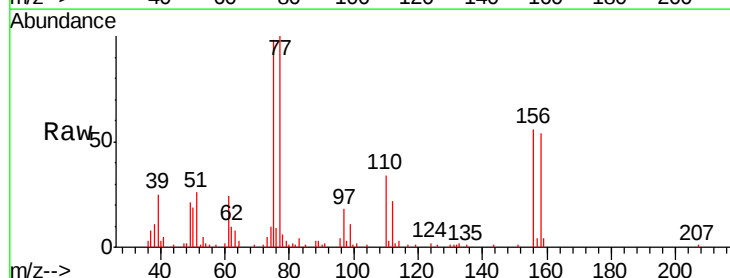
Acq: 27 Nov 2018 09:47

Tgt Ion: 75 Resp: 25851

Ion Ratio Lower Upper

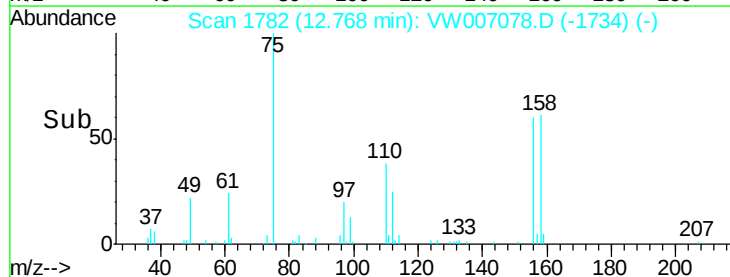
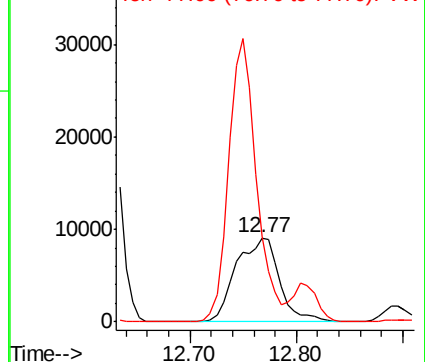
75 100

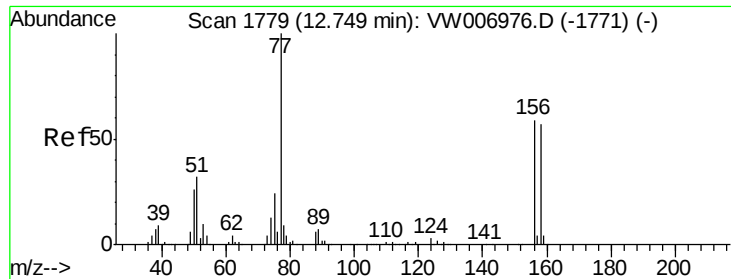
77 215.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.54 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

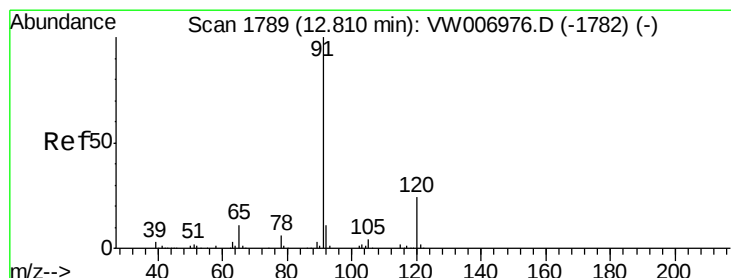
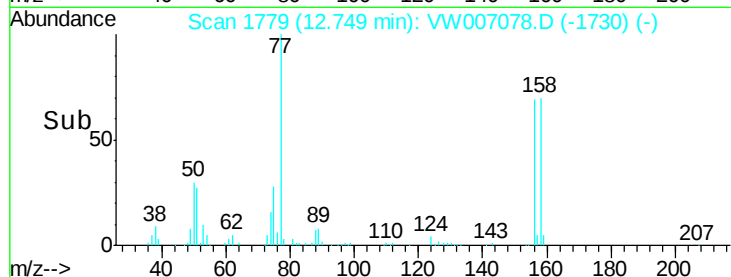
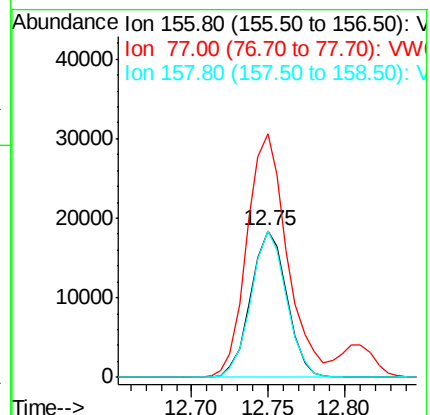
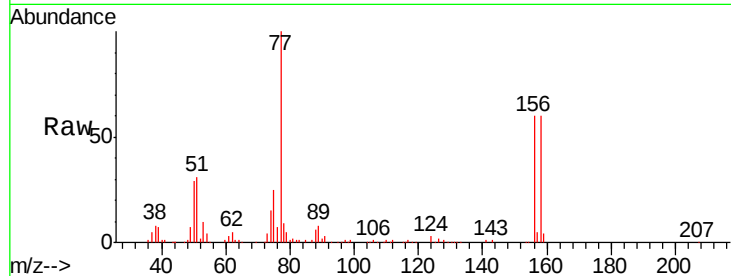
Tgt Ion:156 Resp: 30154

Ion Ratio Lower Upper

156 100

77 185.0 94.6 283.8

158 98.2 48.9 146.7



#78

n-propylbenzene

Concen: 21.51 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007078.D

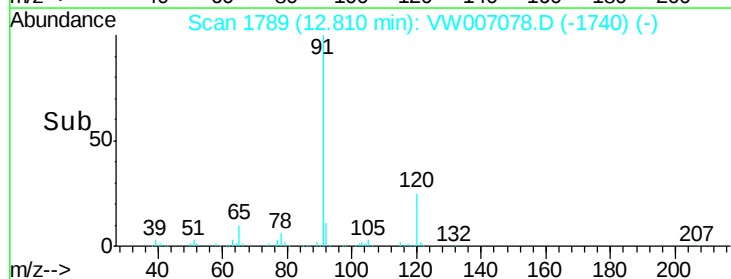
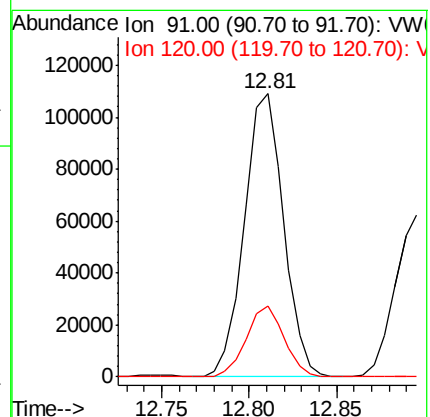
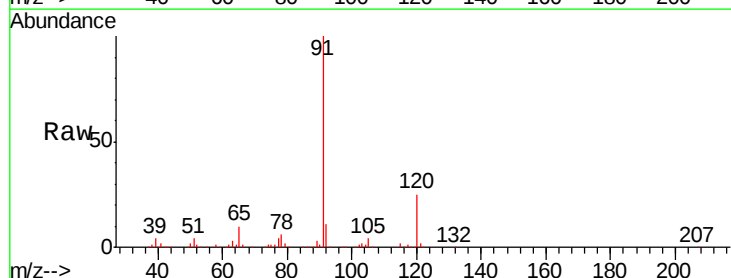
Acq: 27 Nov 2018 09:47

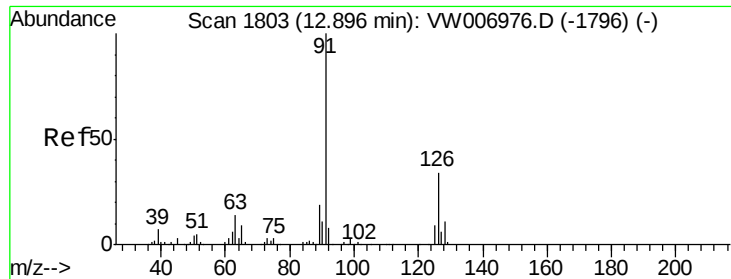
Tgt Ion: 91 Resp: 169804

Ion Ratio Lower Upper

91 100

120 24.0 11.7 35.1

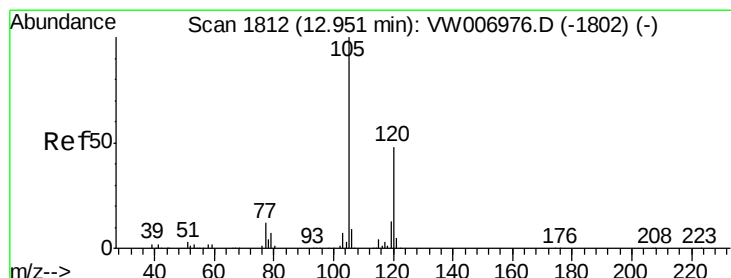
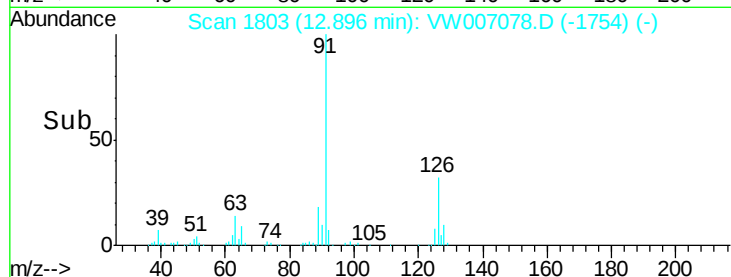
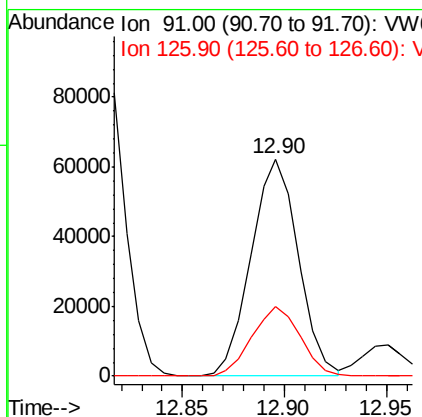
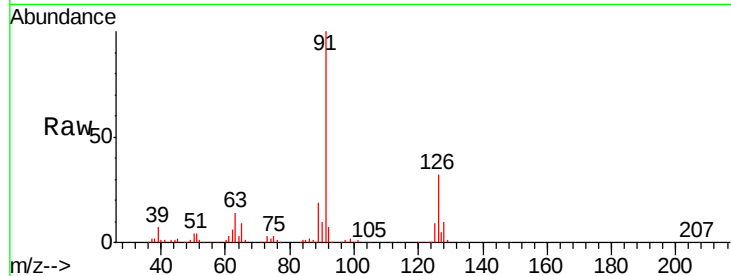




#79
 2-Chlorotoluene
 Concen: 21.99 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

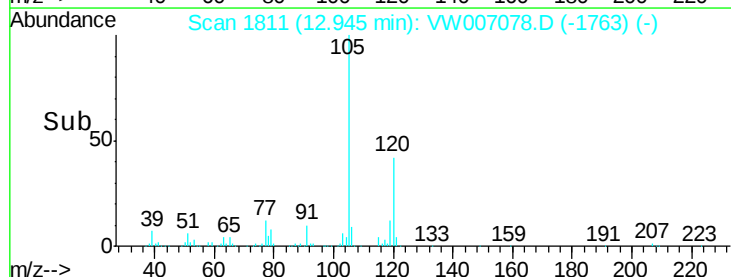
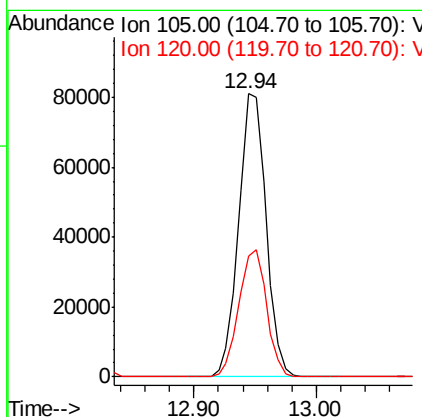
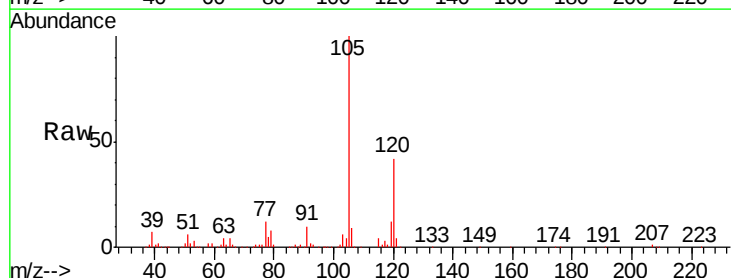
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

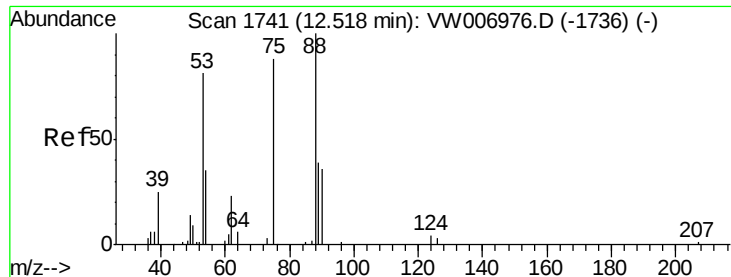
Tgt Ion: 91 Resp: 100084
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.25 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion: 105 Resp: 125388
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.8 71.2

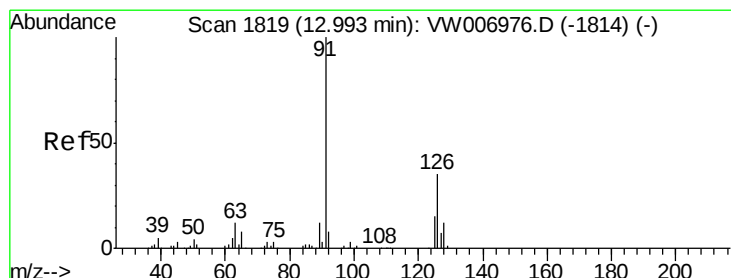
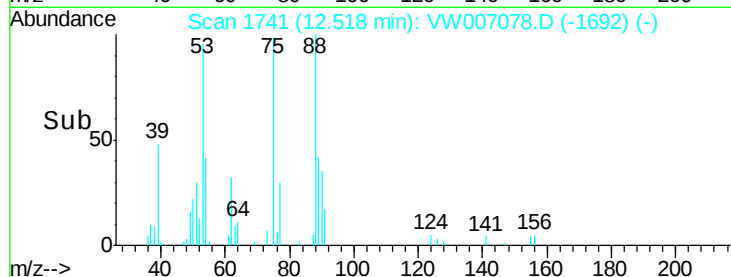
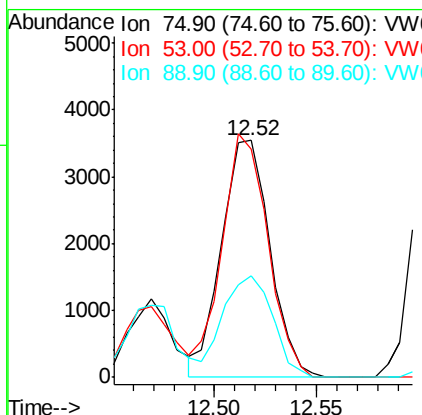
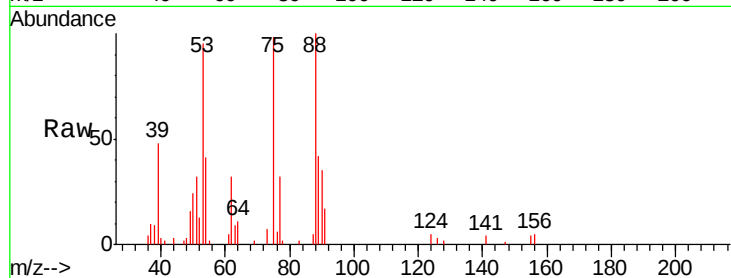




#81
trans-1,4-Dichloro-2-butene
Concen: 22.25 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

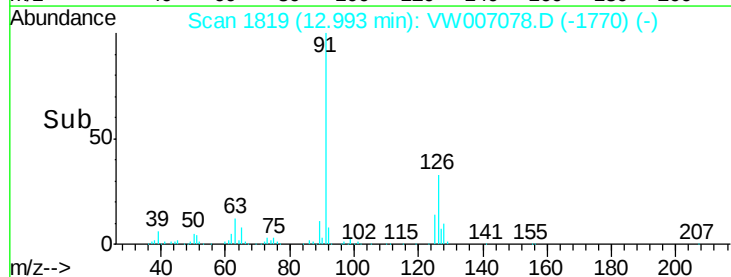
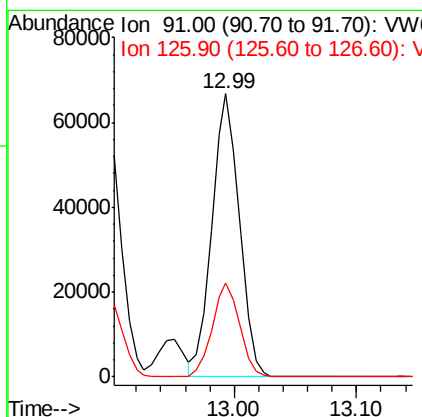
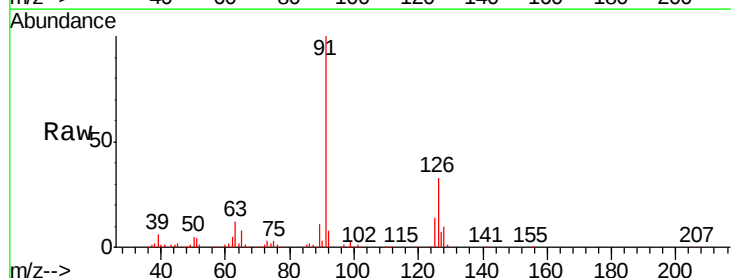
Instrument :
MSVOA_W
ClientSampleId :
VW1126SBS02

Tgt Ion: 75 Resp: 5841
Ion Ratio Lower Upper
75 100
53 97.4 77.6 116.4
89 43.4 39.3 58.9



#82
4-Chlorotoluene
Concen: 21.86 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007078.D
Acq: 27 Nov 2018 09:47

Tgt Ion: 91 Resp: 104404
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

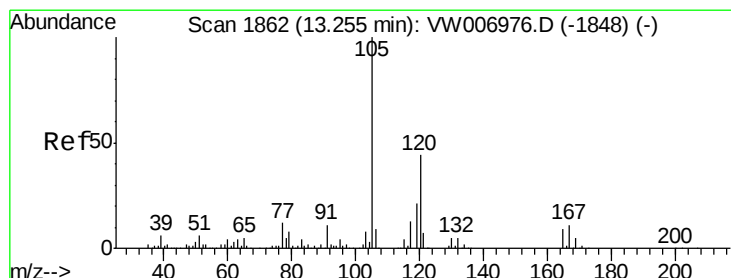
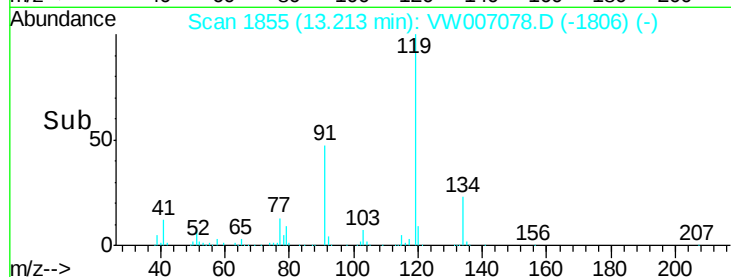
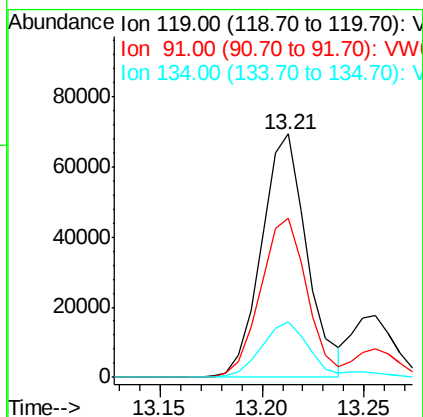
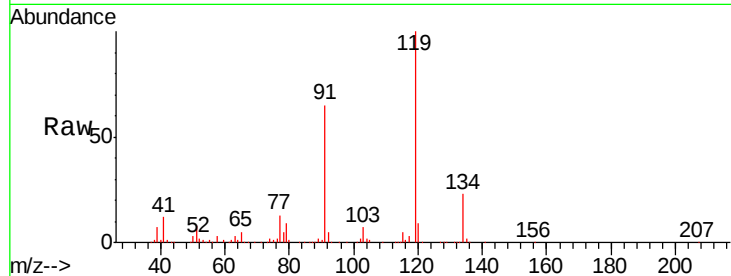




#83
 tert-Butylbenzene
 Concen: 22.05 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

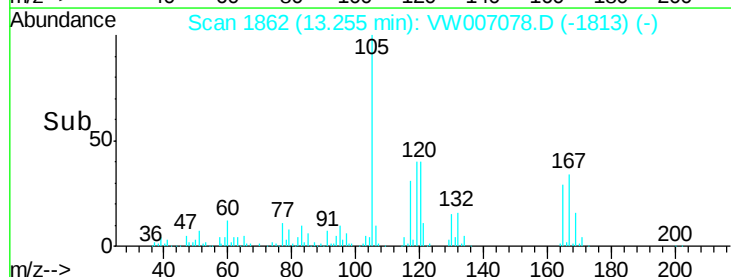
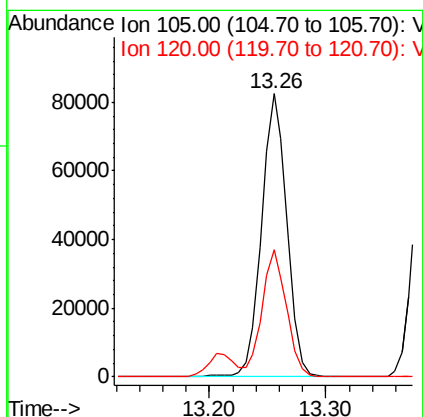
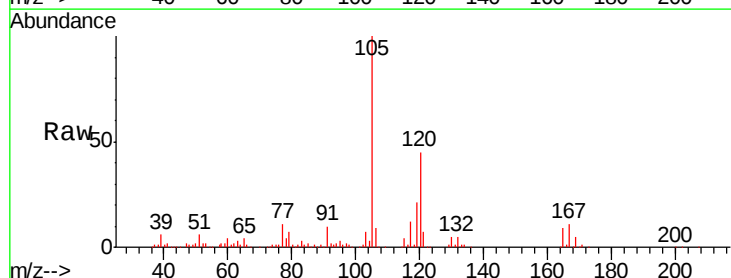
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

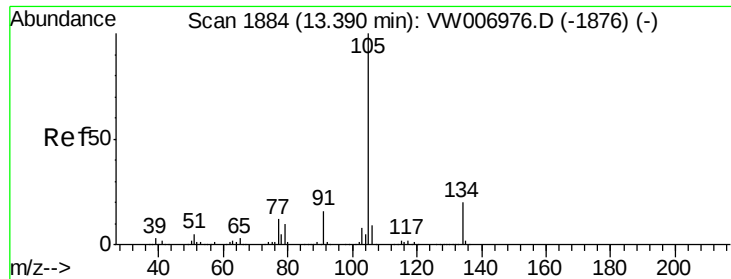
Tgt Ion:119 Resp: 107582
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.5 100.5
 134 25.2 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.19 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion:105 Resp: 124600
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.74 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

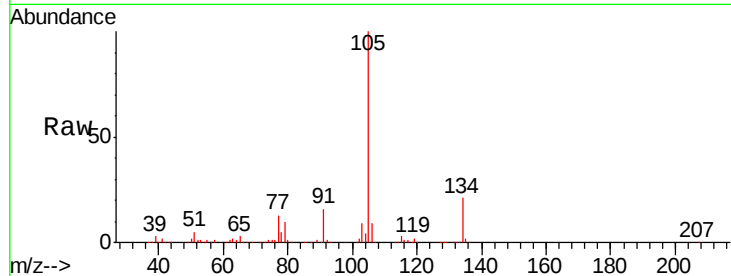
VW1126SBS02

Tgt Ion:105 Resp: 149881

Ion Ratio Lower Upper

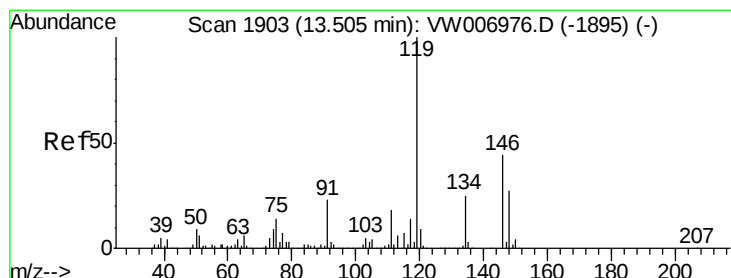
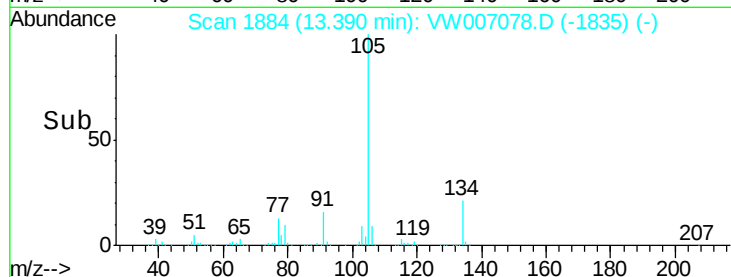
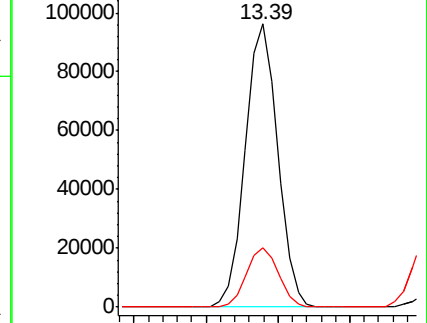
105 100

134 20.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.21 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

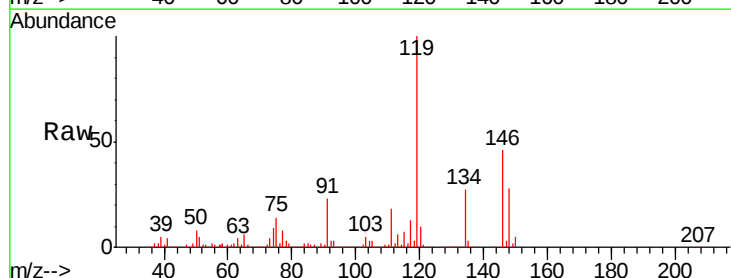
Tgt Ion:119 Resp: 135051

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

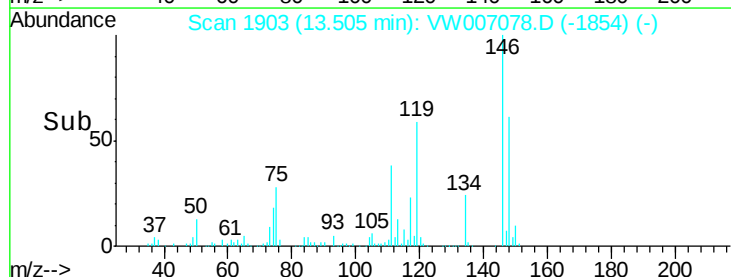
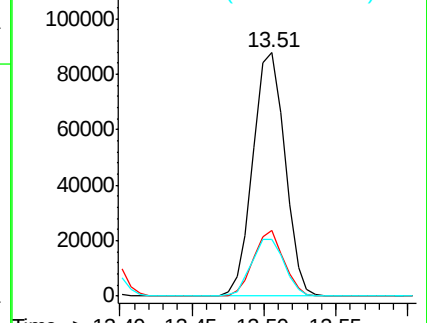
91 24.0 12.2 36.6

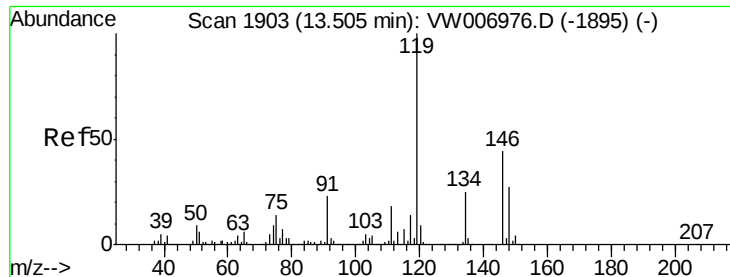


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

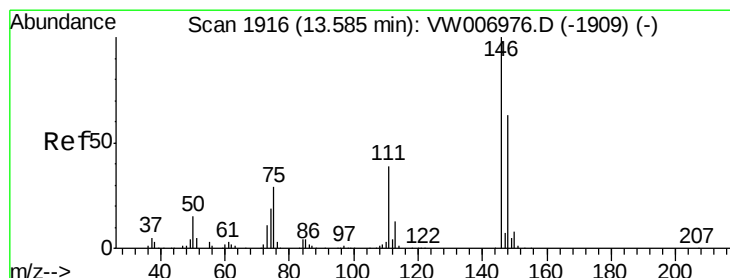
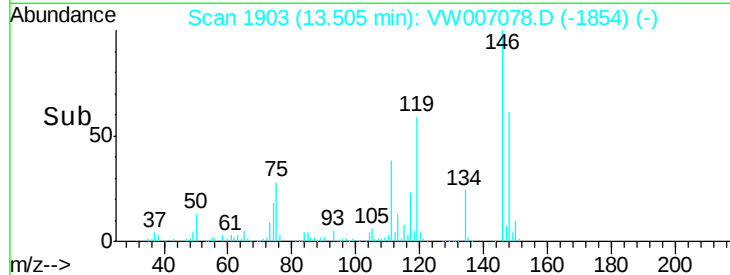
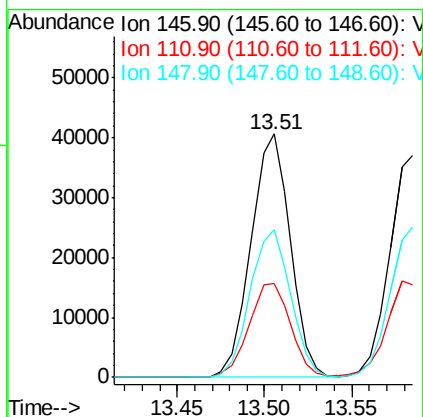
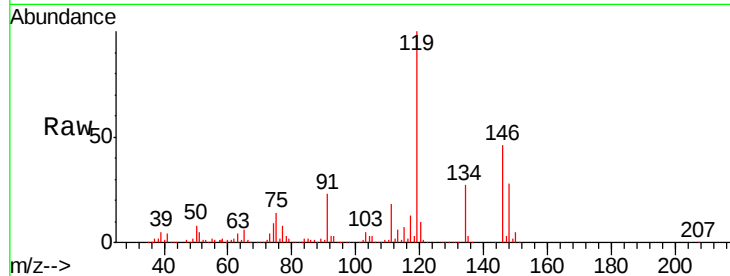




#87
 1,3-Dichlorobenzene
 Concen: 22.18 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

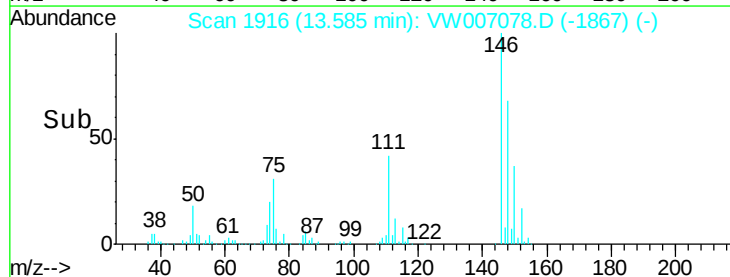
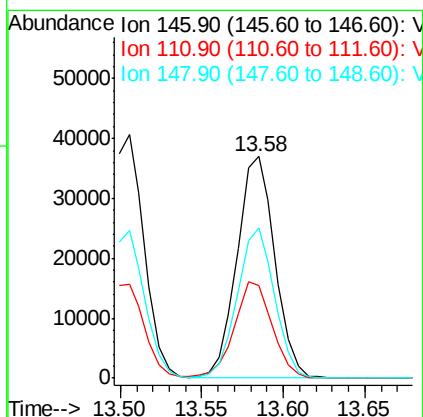
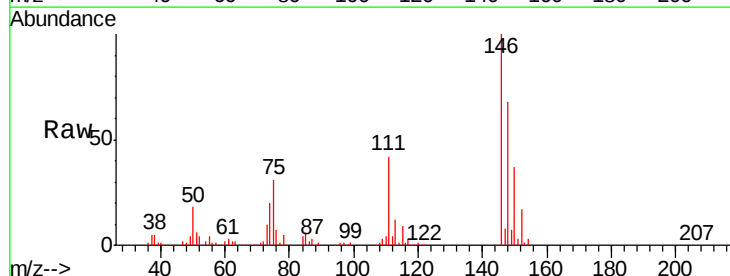
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

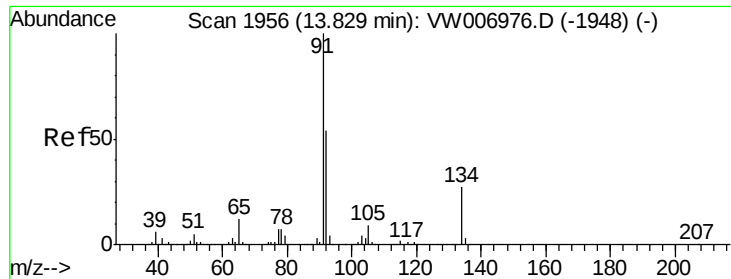
Tgt Ion:146 Resp: 63382
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.1 63.3
 148 62.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.99 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion:146 Resp: 59812
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.6 61.8
 148 66.5 32.3 96.8





#89

n-Butylbenzene

Concen: 21.62 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampled :

VW1126SBS02

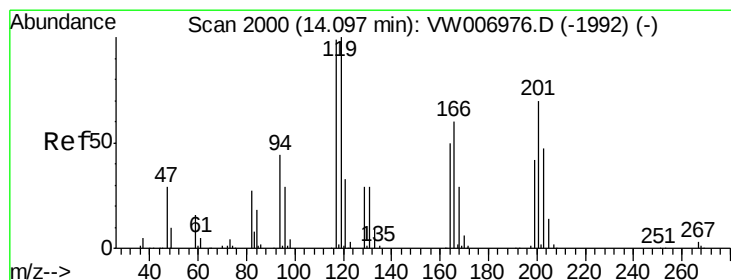
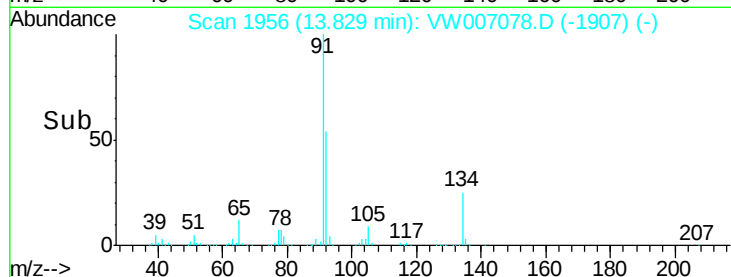
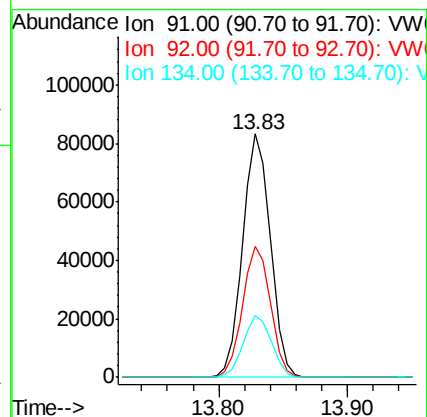
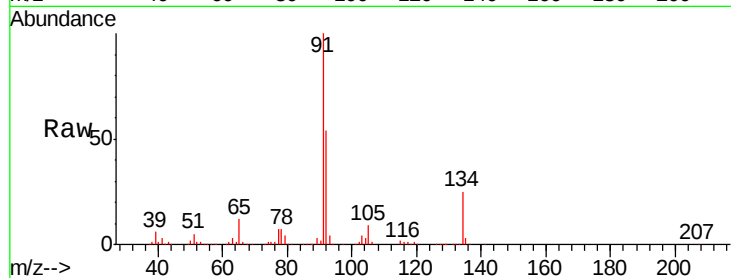
Tgt Ion: 91 Resp: 123714

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.4

134 25.9 13.3 39.8



#90

Hexachloroethane

Concen: 23.57 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007078.D

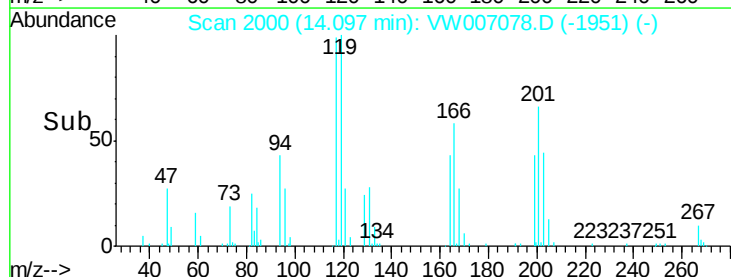
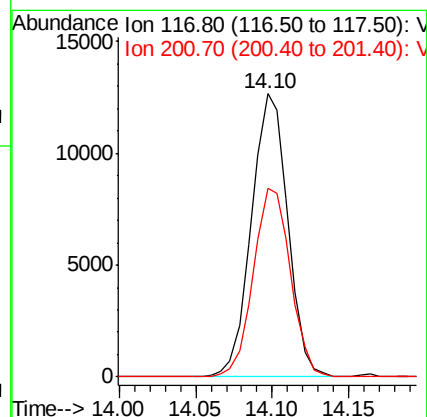
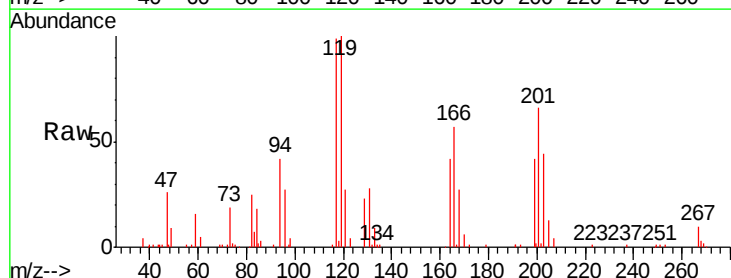
Acq: 27 Nov 2018 09:47

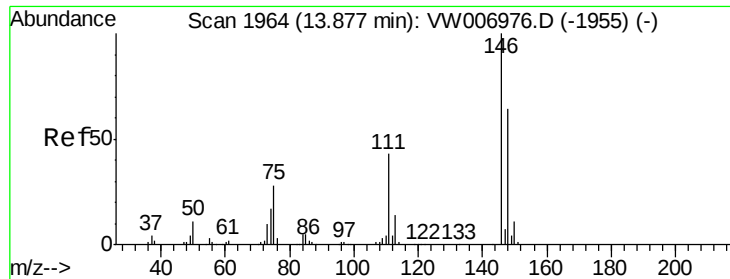
Tgt Ion: 117 Resp: 20931

Ion Ratio Lower Upper

117 100

201 67.9 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 21.99 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

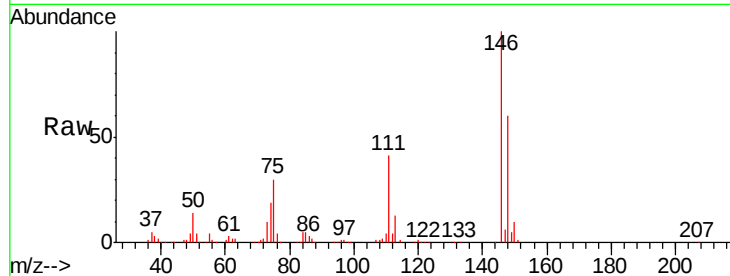
Tgt Ion:146 Resp: 55068

Ion Ratio Lower Upper

146 100

111 41.4 21.9 65.7

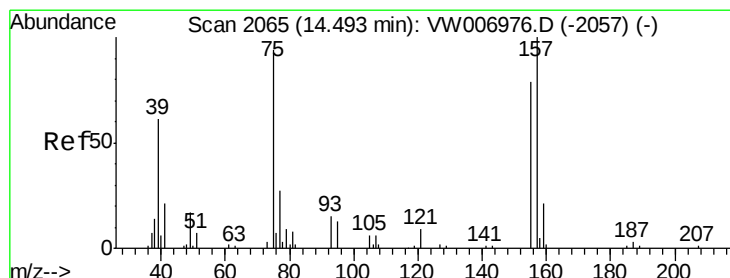
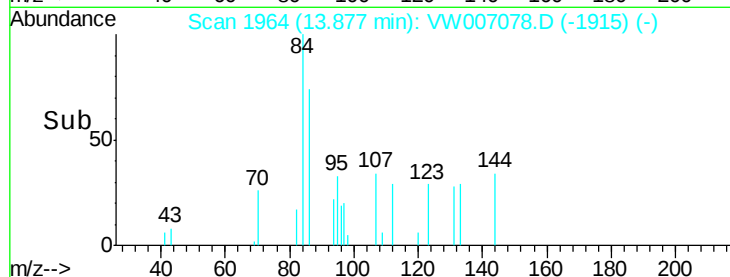
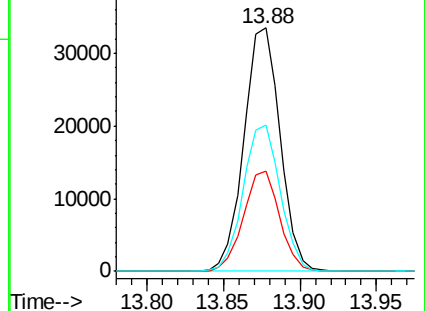
148 61.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.40 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

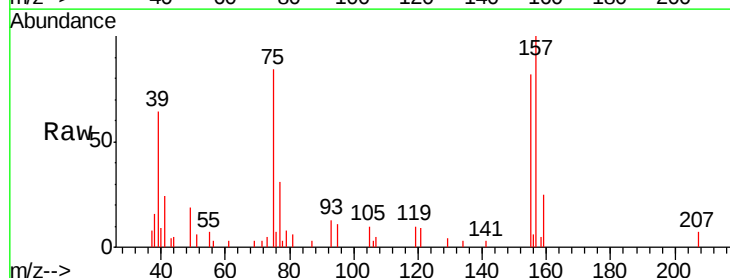
Tgt Ion: 75 Resp: 3135

Ion Ratio Lower Upper

75 100

155 82.8 42.6 127.8

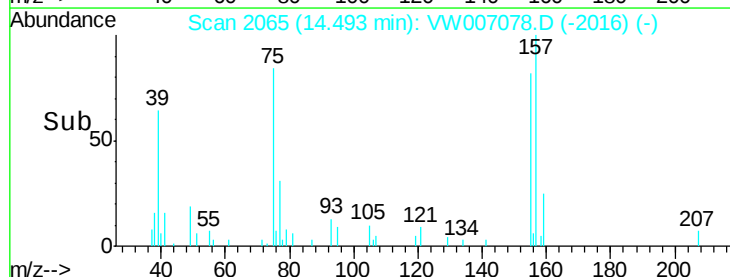
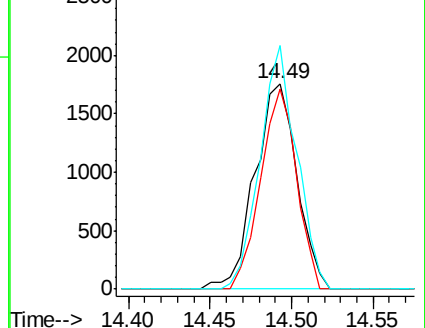
157 103.4 55.0 165.0

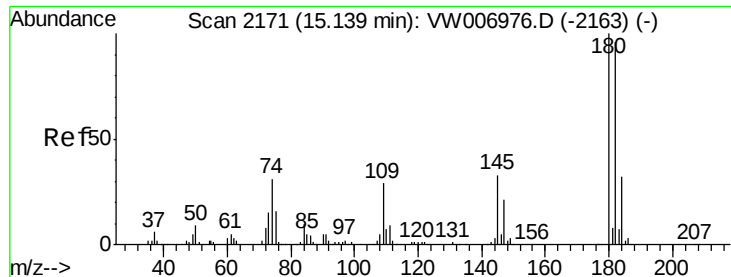


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

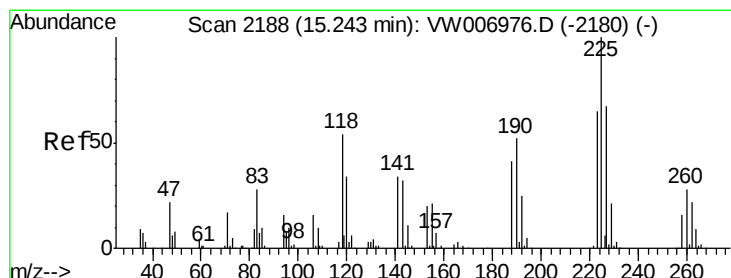
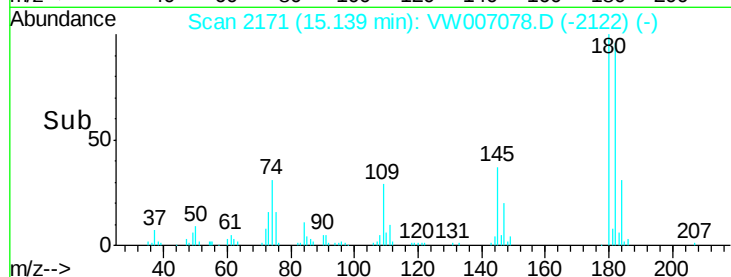
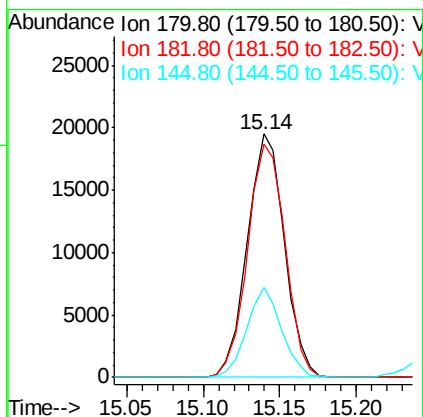
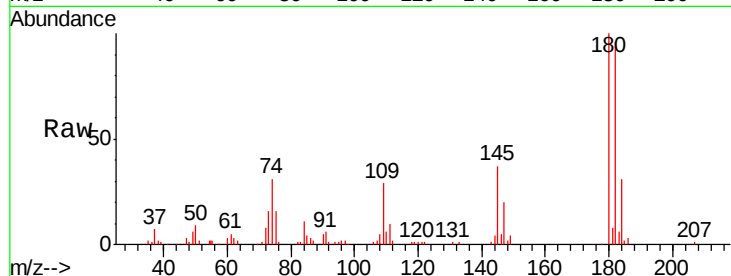




#93
 1,2,4-Trichlorobenzene
 Concen: 19.95 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

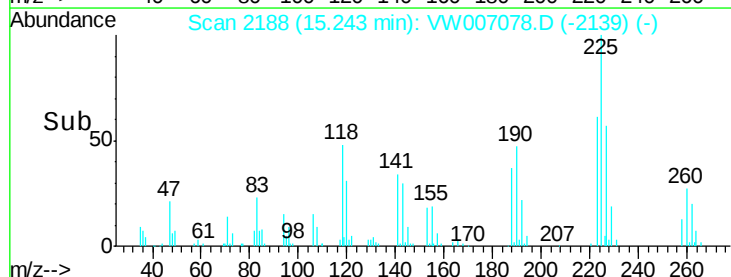
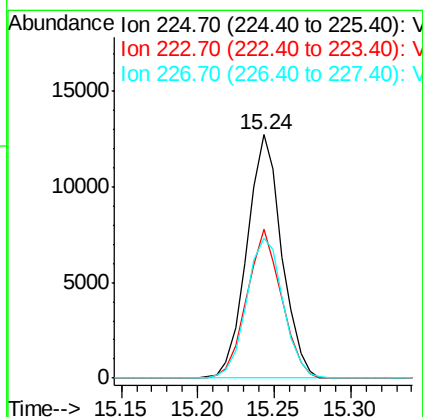
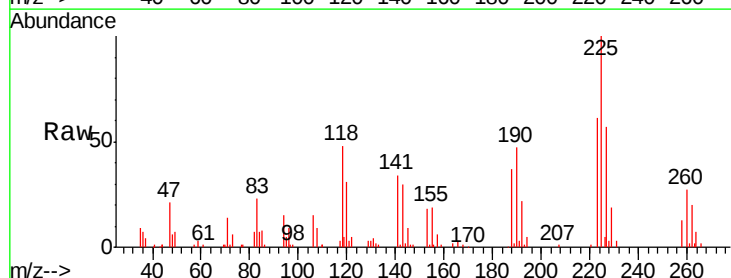
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBS02

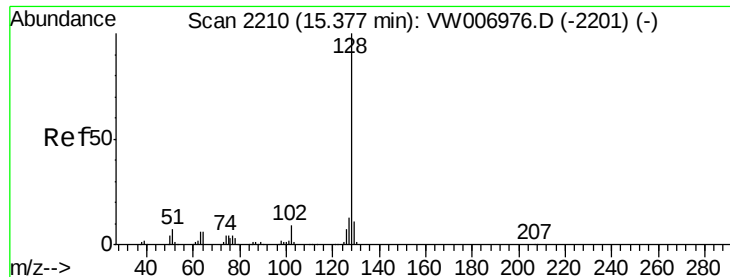
Tgt Ion:180 Resp: 32938
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.1 141.3
 145 34.6 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 22.40 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007078.D
 Acq: 27 Nov 2018 09:47

Tgt Ion:225 Resp: 20105
 Ion Ratio Lower Upper
 225 100
 223 60.8 32.4 97.0
 227 60.6 31.9 95.5





#95

Naphthalene

Concen: 19.27 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW1126SBS02

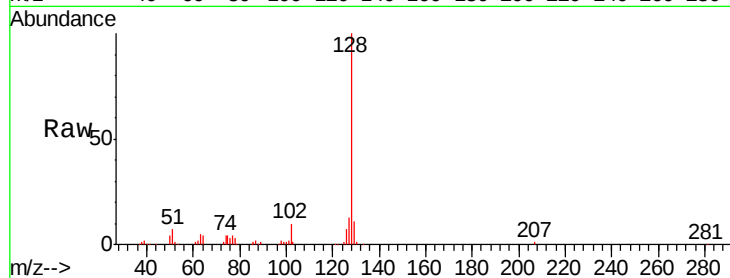
Tgt Ion:128 Resp: 57766

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

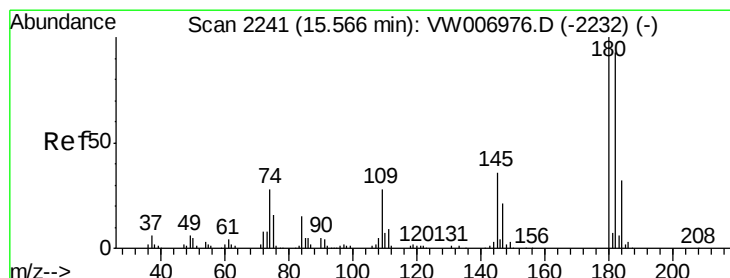
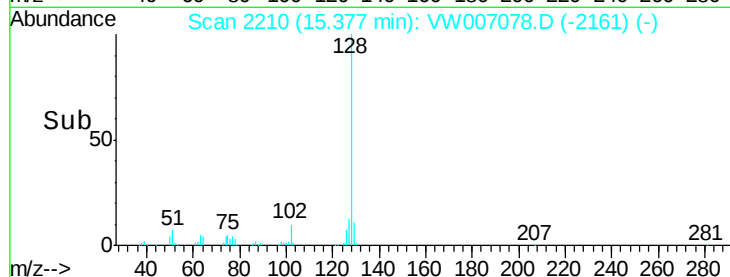
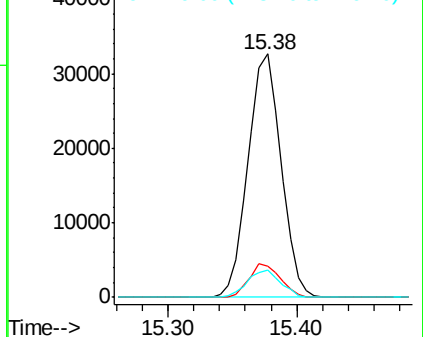
129 11.4 8.7 13.1



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: 20.54 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW007078.D

Acq: 27 Nov 2018 09:47

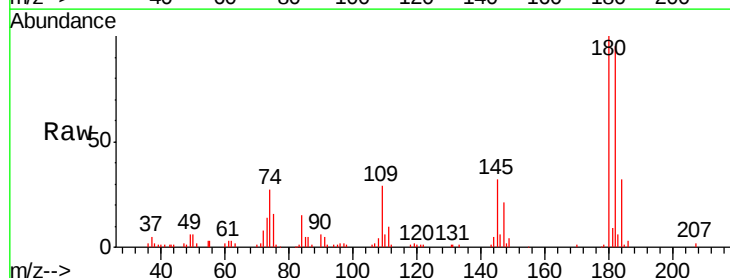
Tgt Ion:180 Resp: 28142

Ion Ratio Lower Upper

180 100

182 91.3 47.0 141.2

145 35.0 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

