

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007066.D
 Acq On : 27 Nov 2018 01:20
 Operator : VAY/AP
 Sample : VW1126SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:31:01 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	110491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61275	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.88	113	54213	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.32	98	226540	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	89832	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	24162	22.148	ug/l 99
3) Chloromethane	2.21	50	19705	21.674	ug/l 98
4) Vinyl Chloride	2.35	62	18486	20.666	ug/l 97
5) Bromomethane	2.76	94	10330	21.637	ug/l 100
6) Chloroethane	2.91	64	10247	20.781	ug/l 98
7) Trichlorofluoromethane	3.26	101	37433	21.282	ug/l 100
8) Diethyl Ether	3.68	74	13438	23.710	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23832	20.900	ug/l 98
10) Methyl Iodide	4.26	142	24224	18.558	ug/l 97
11) Tert butyl alcohol	5.20	59	5799	82.349	ug/l 99
12) 1,1-Dichloroethene	4.04	96	21632	21.630	ug/l 99
13) Acrolein	3.90	56	7846	108.493	ug/l 97
14) Allyl chloride	4.67	41	35935	21.663	ug/l 98
15) Acrylonitrile	5.38	53	25715	120.720	ug/l 99
16) Acetone	4.14	43	19633	125.007	ug/l 97
17) Carbon Disulfide	4.38	76	71279	22.045	ug/l 100
18) Methyl Acetate	4.68	43	12979	23.206	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	66243	25.367	ug/l 99
20) Methylene Chloride	4.92	84	27994	19.021	ug/l 97
21) trans-1,2-Dichloroethene	5.43	96	26492	22.740	ug/l 93
22) Diisopropyl ether	6.31	45	75628	23.424	ug/l 97
23) Vinyl Acetate	6.26	43	215996	125.979	ug/l 100
24) 1,1-Dichloroethane	6.21	63	43462	22.128	ug/l 100
25) 2-Butanone	7.18	43	32153	119.531	ug/l 95
26) 2,2-Dichloropropane	7.17	77	36470	20.648	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	28188	22.721	ug/l 97
28) Bromochloromethane	7.51	49	15852	21.594	ug/l 99
29) Tetrahydrofuran	7.53	42	20882	119.865	ug/l 99
30) Chloroform	7.68	83	46434	22.253	ug/l 99
31) Cyclohexane	7.95	56	45350	21.768	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	42429	22.574	ug/l 99
36) 1,1-Dichloropropene	8.09	75	39206	22.167	ug/l 99
37) Ethyl Acetate	7.26	43	16013	24.984	ug/l 97
38) Carbon Tetrachloride	8.07	117	37714	22.267	ug/l 96

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 ClientSampleId :

Quant Time: Nov 27 05:31:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	46257	20.899	ug/l	99
40) Benzene	8.32	78	106103	22.224	ug/l	100
41) Methacrylonitrile	7.49	41	9637	24.212	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	30403	21.934	ug/l	99
43) Isopropyl Acetate	8.43	43	29501	24.154	ug/l	98
44) Trichloroethene	9.09	130	31316	23.399	ug/l	91
45) 1,2-Dichloropropane	9.37	63	26623	22.621	ug/l	99
46) Dibromomethane	9.46	93	13691	23.230	ug/l	99
47) Bromodichloromethane	9.65	83	35896	23.117	ug/l	94
48) Methyl methacrylate	9.43	41	13542	22.994	ug/l	93
49) 1,4-Dioxane	9.47	88	3605	411.535	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	70561	114.318	ug/l	98
52) Toluene	10.39	92	67930	20.907	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	34466	22.913	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	41609	22.896	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	20624	23.784	ug/l	98
56) Ethyl methacrylate	10.65	69	23557	23.404	ug/l	99
57) 1,3-Dichloropropane	10.93	76	34074	23.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	63141	120.047	ug/l	99
59) 2-Hexanone	10.97	43	46802	110.727	ug/l	99
60) Dibromochloromethane	11.13	129	23687	23.973	ug/l	99
61) 1,2-Dibromoethane	11.24	107	19013	23.969	ug/l	98
64) Tetrachloroethene	10.87	164	24465	22.845	ug/l	97
65) Chlorobenzene	11.66	112	75586	21.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	25082	23.865	ug/l	97
67) Ethyl Benzene	11.73	91	134408	21.059	ug/l	99
68) m/p-Xylenes	11.84	106	105105	41.974	ug/l	99
69) o-Xylene	12.17	106	49444	20.941	ug/l	99
70) Styrene	12.18	104	80626	21.455	ug/l	99
71) Bromoform	12.35	173	12064	24.366	ug/l #	96
73) Isopropylbenzene	12.47	105	135886	20.555	ug/l	99
74) N-amyl acetate	12.27	43	25561	23.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	20807	23.649	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27833	41.640	ug/l #	100
77) Bromobenzene	12.75	156	30805	21.695	ug/l	96
78) n-propylbenzene	12.81	91	161783	20.203	ug/l	99
79) 2-Chlorotoluene	12.90	91	94882	20.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	116849	20.439	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5909	22.194	ug/l	94
82) 4-Chlorotoluene	12.99	91	98990	20.430	ug/l	99
83) tert-Butylbenzene	13.21	119	101696	20.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	119201	20.928	ug/l	99
85) sec-Butylbenzene	13.39	105	140138	20.042	ug/l	98
86) p-Isopropyltoluene	13.51	119	125929	20.414	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	61351	21.164	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60267	20.852	ug/l	98
89) n-Butylbenzene	13.83	91	116976	20.150	ug/l	99
90) Hexachloroethane	14.10	117	19525	21.680	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	53890	21.216	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3448	23.204	ug/l	91

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

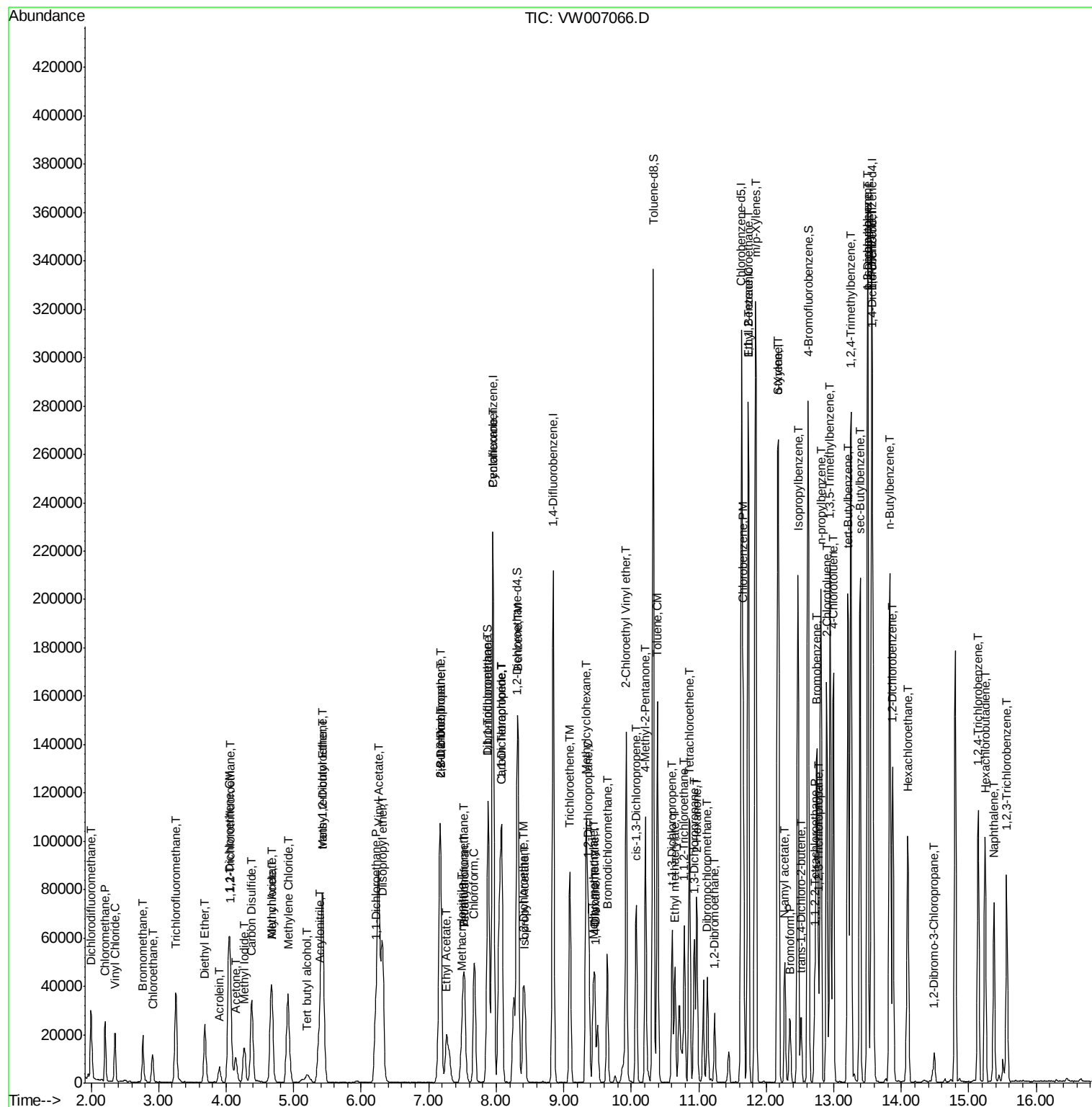
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35031	20.915	ug/l	100
94) Hexachlorobutadiene	15.24	225	18507	20.325	ug/l	98
95) Naphthalene	15.37	128	65301	21.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	29927	21.537	ug/l	100

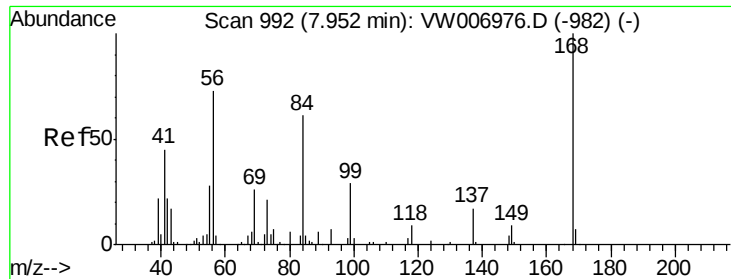
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 Sample : VW1126SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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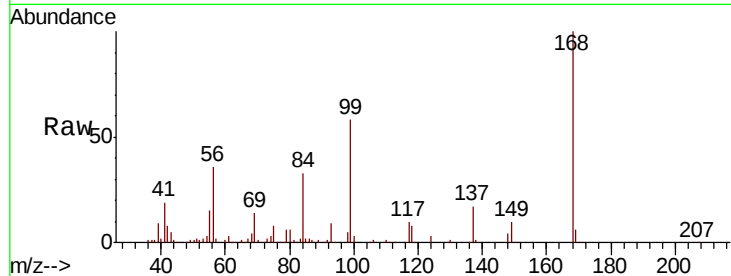


#1

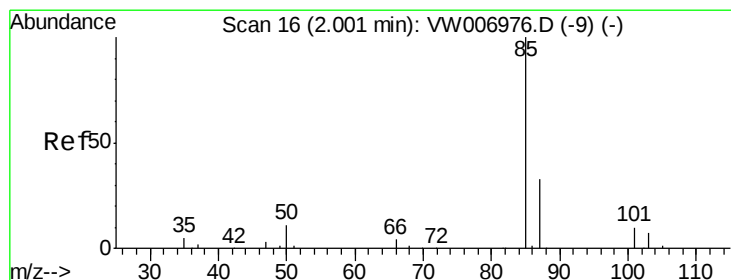
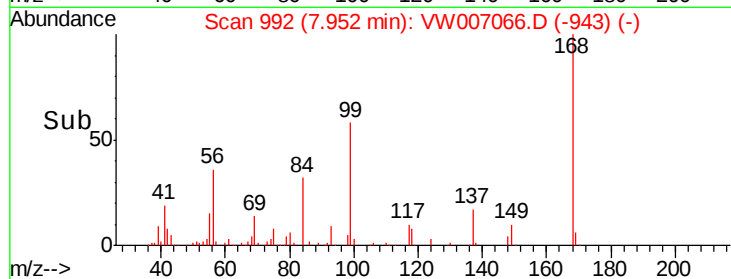
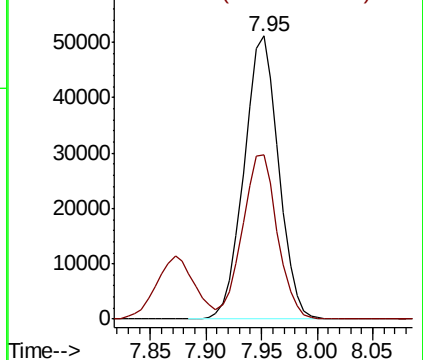
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 110491
 Ion Ratio Lower Upper
 168 100
 99 57.9 48.2 72.4



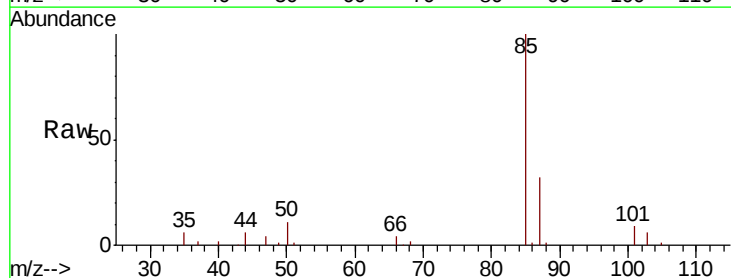
Abundance Ion 167.90 (167.60 to 168.60): VW007066.D (-982) (-)
 Ion 98.90 (98.60 to 99.60): VW007066.D (-982) (-)



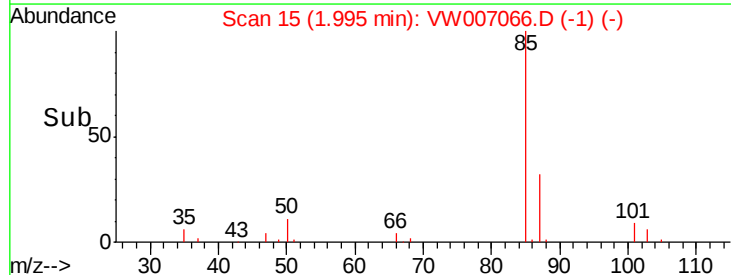
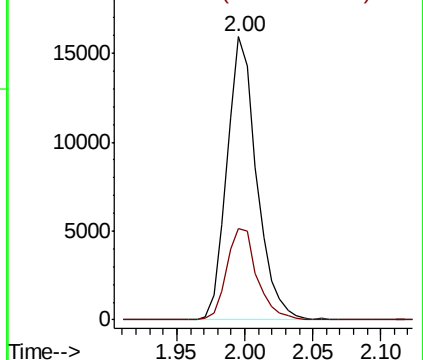
#2

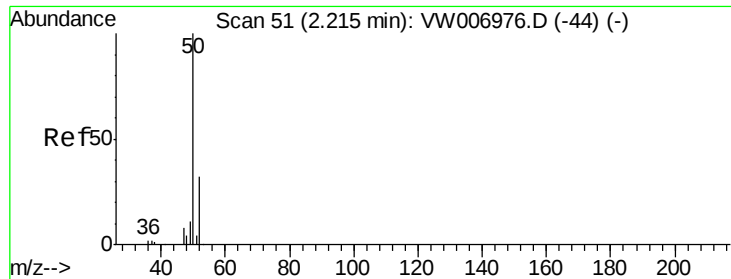
Dichlorodifluoromethane
 Concen: 22.148 ug/l
 RT: 2.00 min Scan# 15
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 85 Resp: 24162
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW007066.D (-9) (-)
 Ion 86.90 (86.60 to 87.60): VW007066.D (-9) (-)





#3

Chloromethane

Concen: 21.674 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

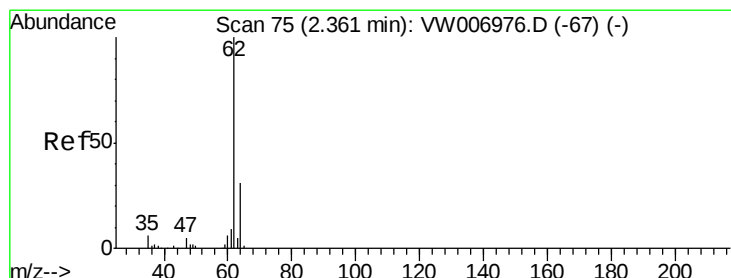
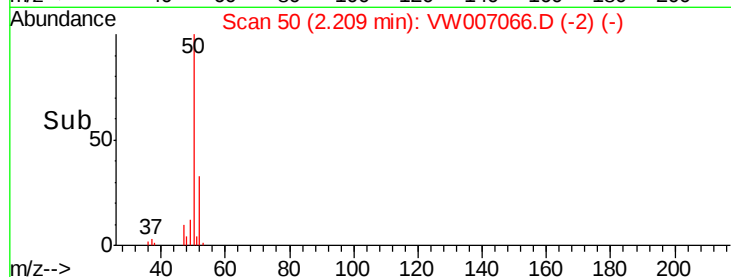
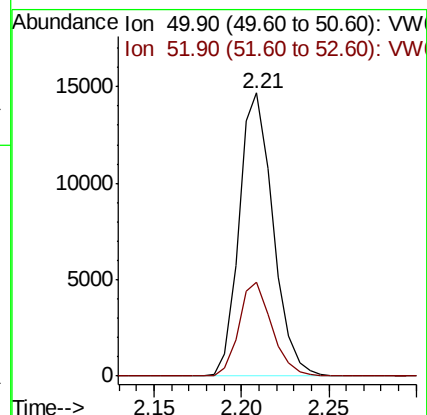
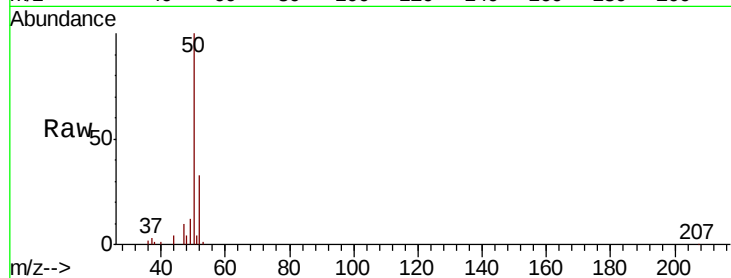
ClientSampleId :

Tot Ion: 50 Resp: 19705

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 20.666 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW007066.D

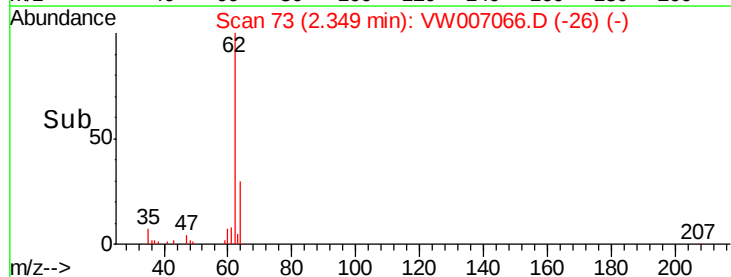
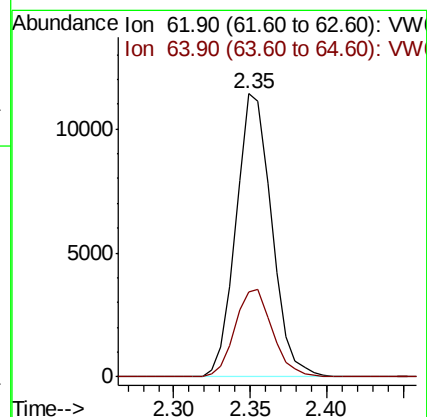
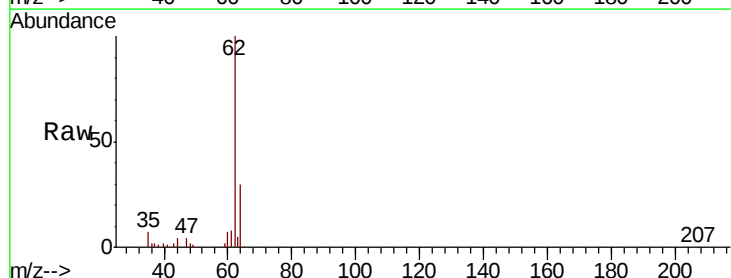
Acq: 27 Nov 2018 01:20

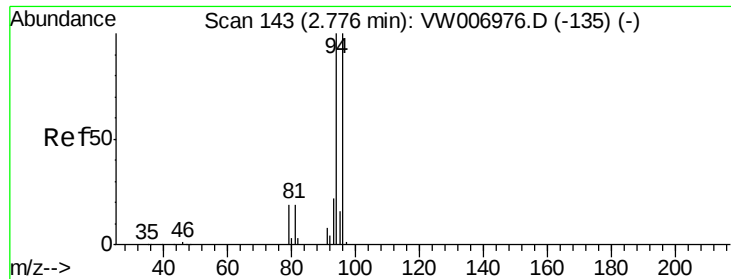
Tgt Ion: 62 Resp: 18486

Ion Ratio Lower Upper

62 100

64 29.8 25.2 37.8





#5

Bromomethane

Concen: 21.637 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

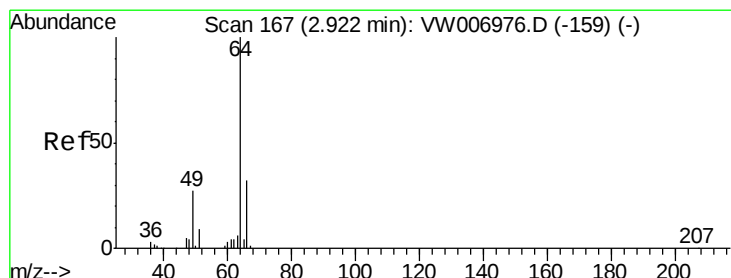
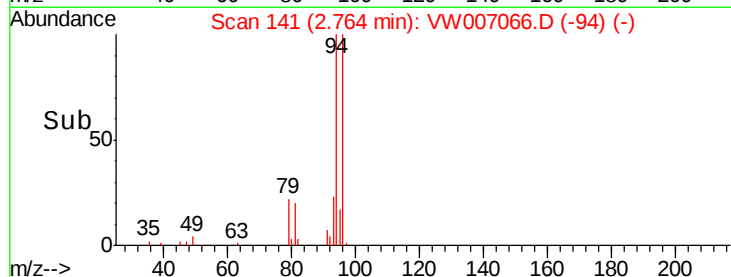
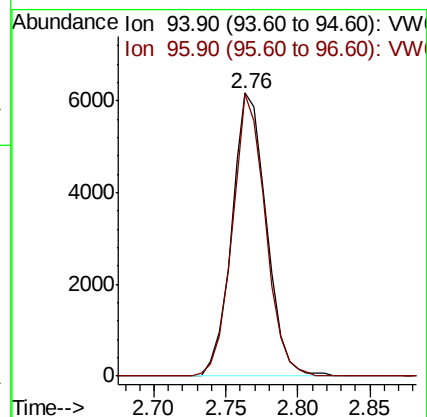
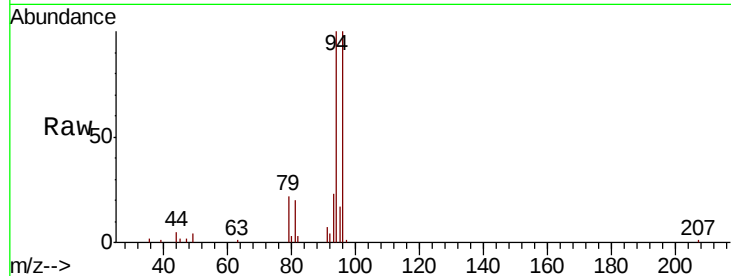
ClientSampleId :

Tot Ion: 94 Resp: 10330

Ion Ratio Lower Upper

94 100

96 99.8 80.2 120.2



#6

Chloroethane

Concen: 20.781 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007066.D

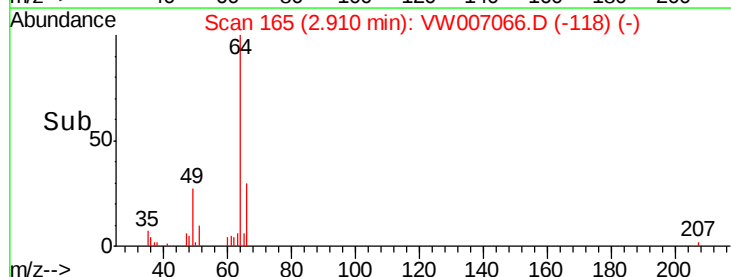
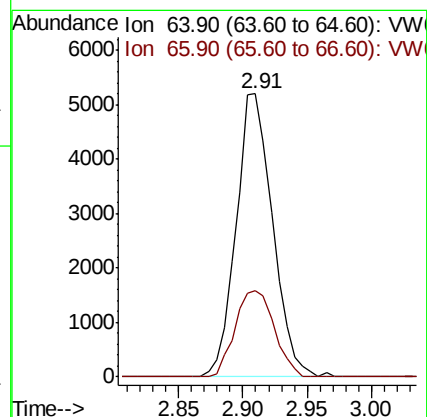
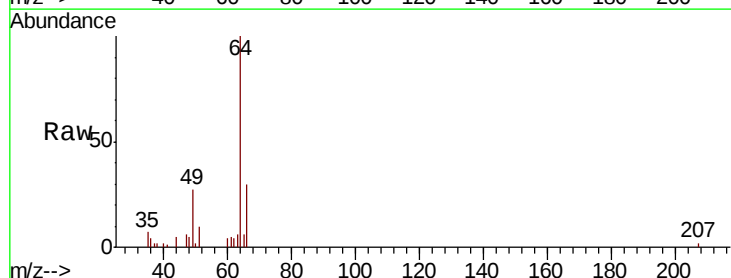
Acq: 27 Nov 2018 01:20

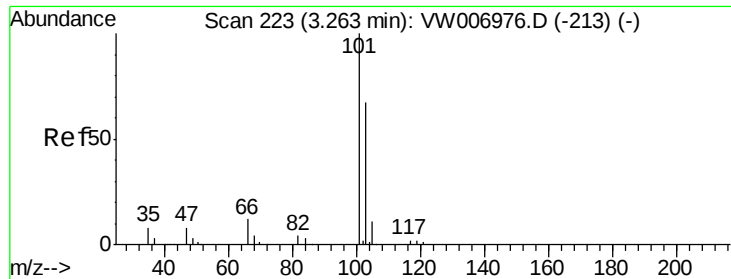
Tgt Ion: 64 Resp: 10247

Ion Ratio Lower Upper

64 100

66 30.3 25.3 37.9



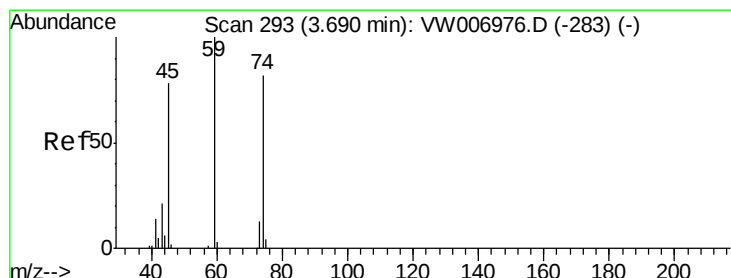
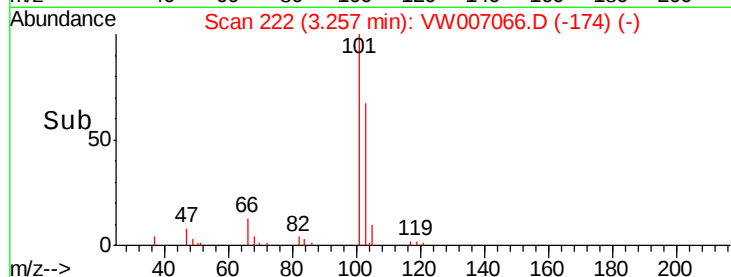
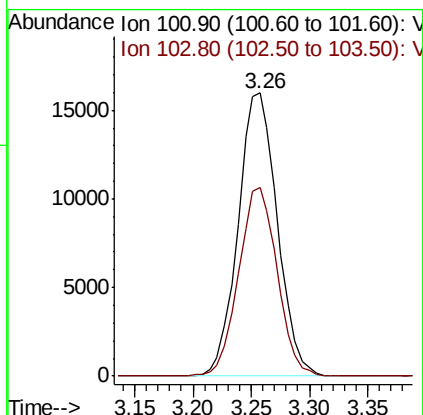
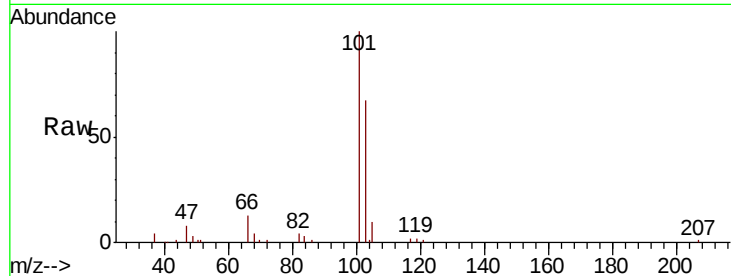


#7

Trichlorofluoromethane
 Concen: 21.282 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampled :

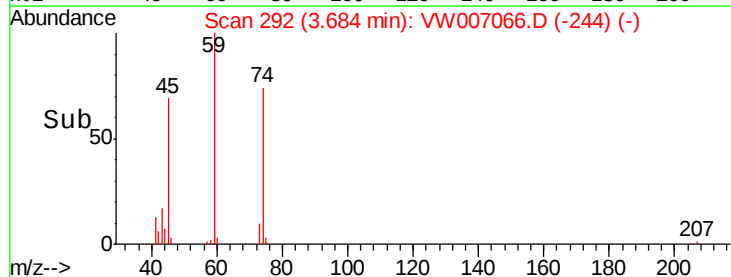
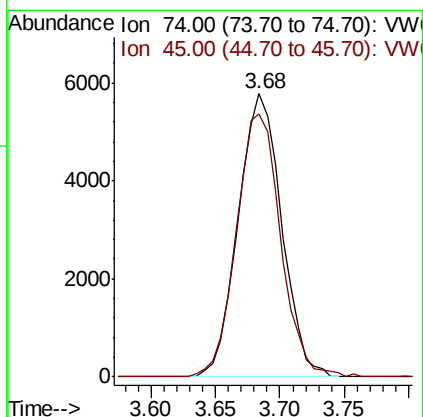
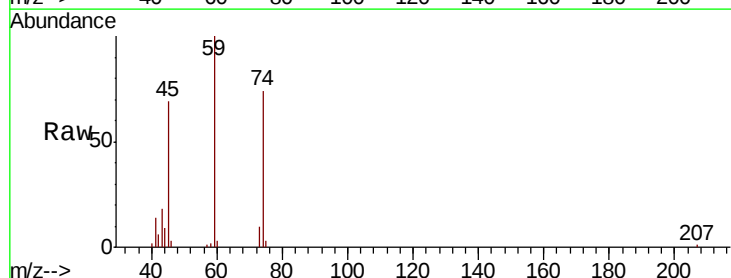
Tot Ion:101 Resp: 37433
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.4 80.2

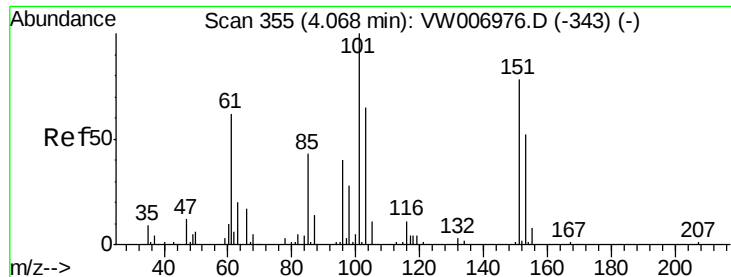


#8

Diethyl Ether
 Concen: 23.710 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 74 Resp: 13438
 Ion Ratio Lower Upper
 74 100
 45 95.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.900 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

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MSVOA_W

ClientSampleId :

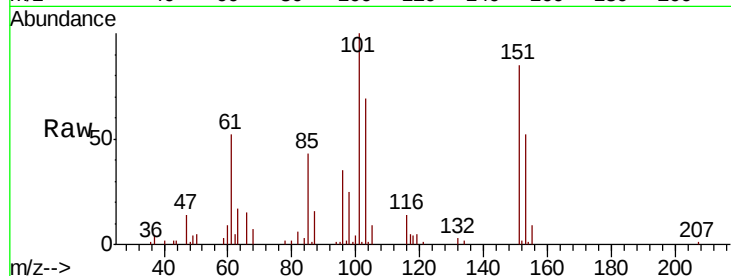
Tot Ion:101 Resp: 23832

Ion Ratio Lower Upper

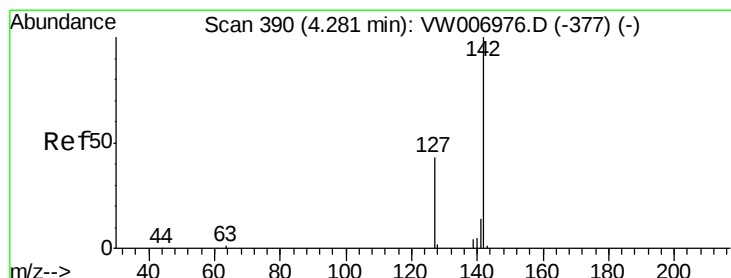
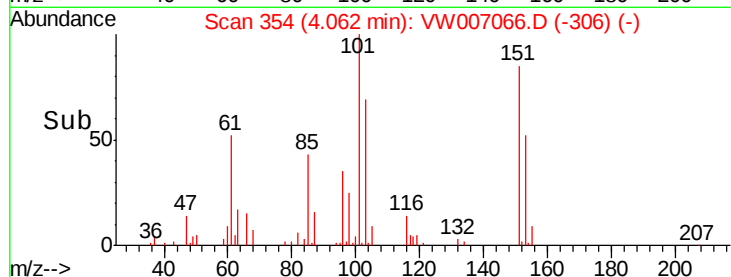
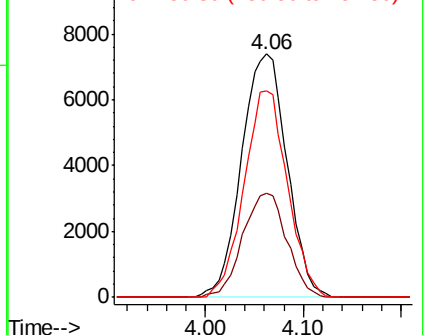
101 100

85 41.6 34.3 51.5

151 80.8 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.558 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.02 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

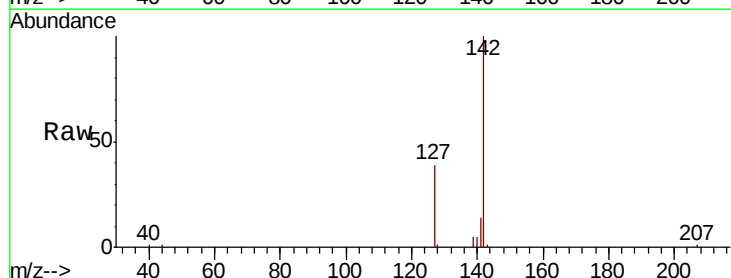
Tgt Ion:142 Resp: 24224

Ion Ratio Lower Upper

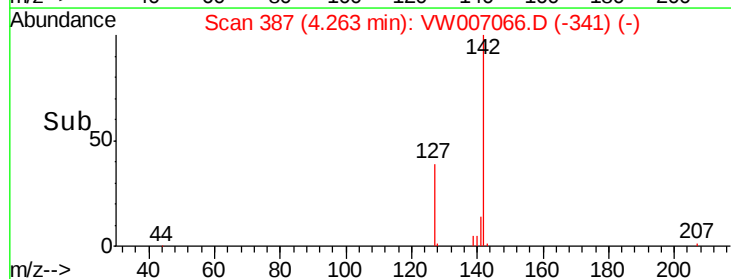
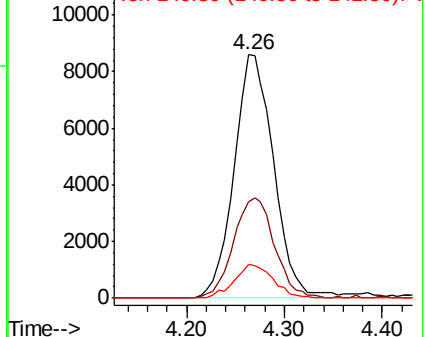
142 100

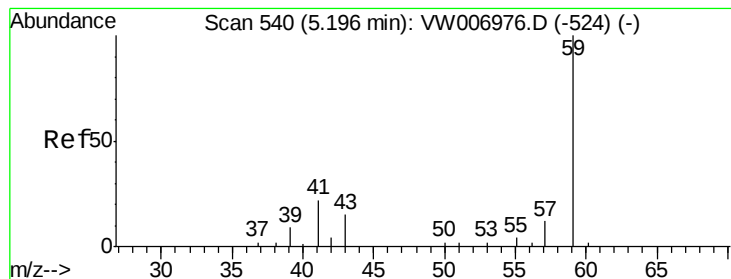
127 42.4 35.3 52.9

141 13.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



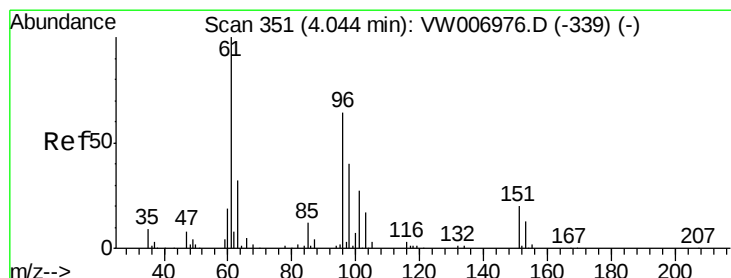
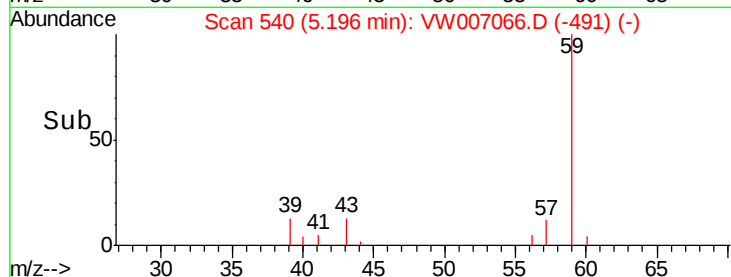
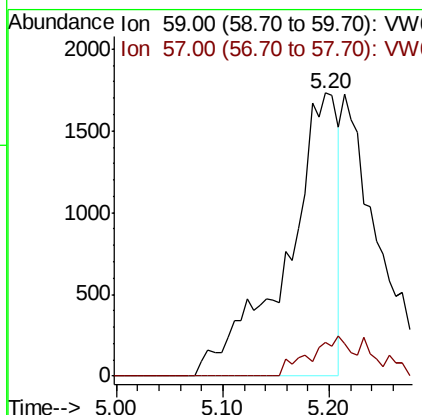
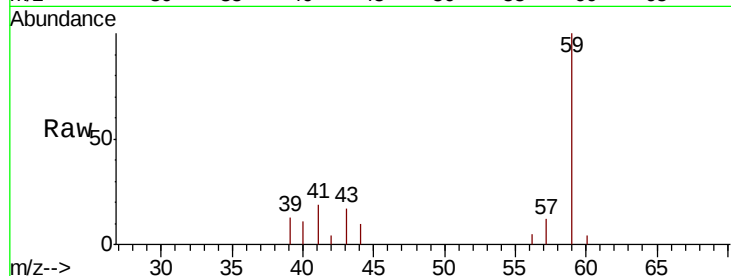


#11

Tert butyl alcohol
 Concen: 82.349 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

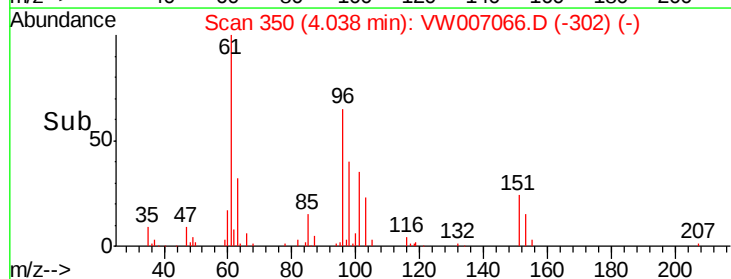
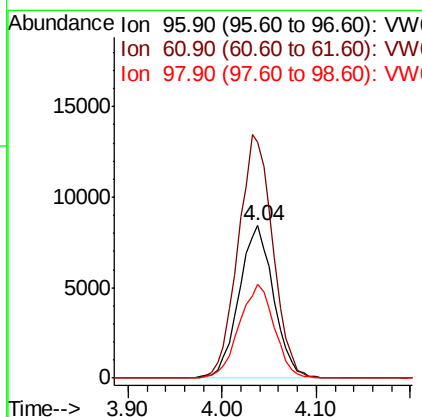
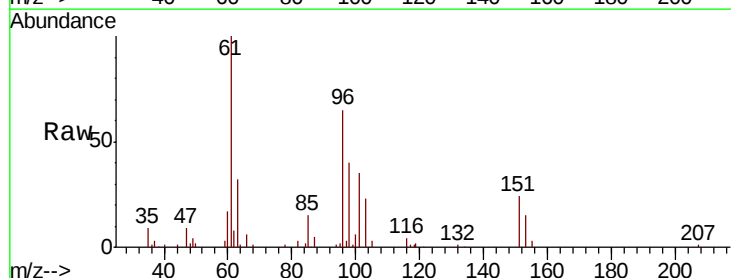
Tot Ion: 59 Resp: 5799
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.6 13.0

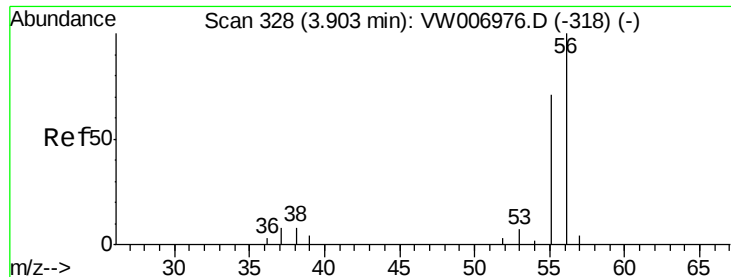


#12

1,1-Dichloroethene
 Concen: 21.630 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 96 Resp: 21632
 Ion Ratio Lower Upper
 96 100
 61 154.3 124.3 186.5
 98 61.7 49.4 74.2

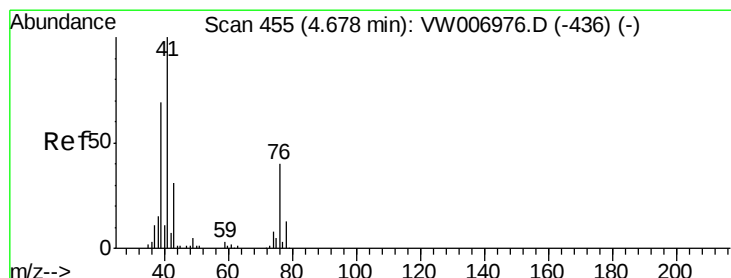
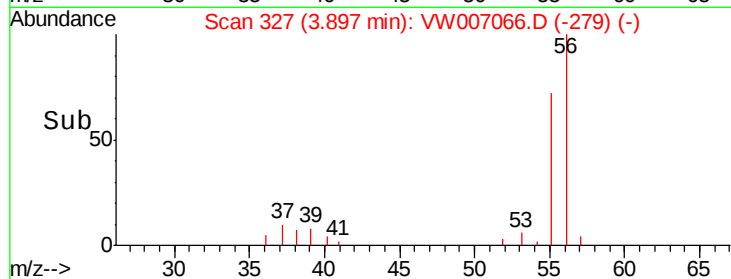
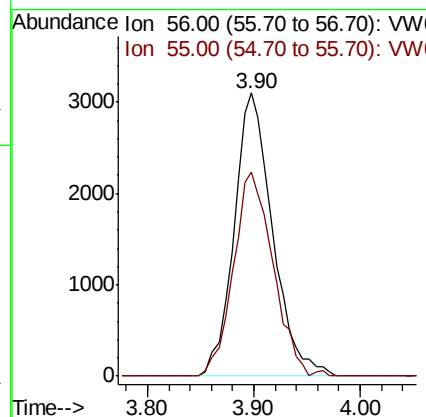
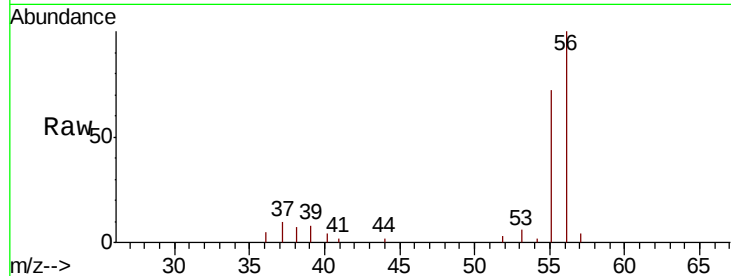




#13
Acrolein
Concen: 108.493 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

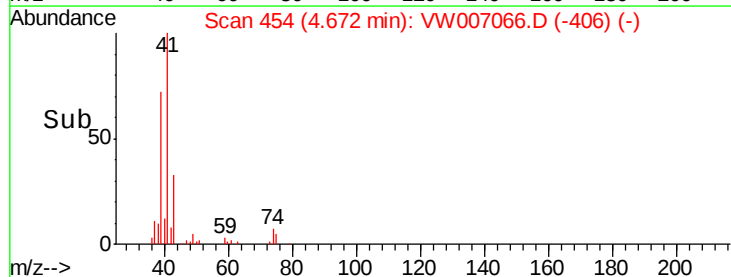
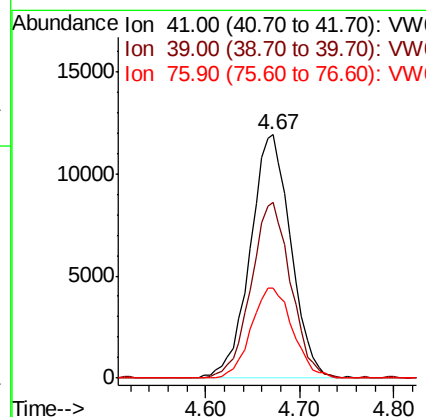
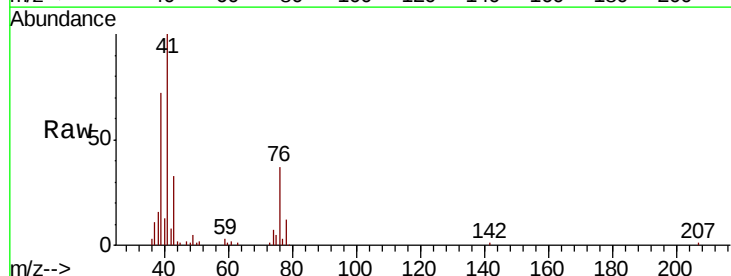
Instrument :
MSVOA_W
ClientSampleId :

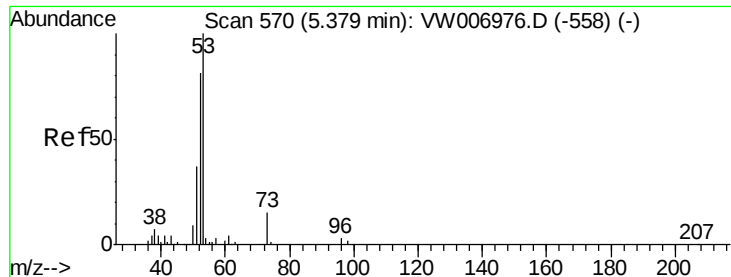
Tot Ion: 56 Resp: 7846
Ion Ratio Lower Upper
56 100
55 74.3 57.5 86.3



#14
Allyl chloride
Concen: 21.663 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 41 Resp: 35935
Ion Ratio Lower Upper
41 100
39 70.7 55.4 83.2
76 37.7 29.6 44.4





#15

Acrylonitrile

Concen: 120.720 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

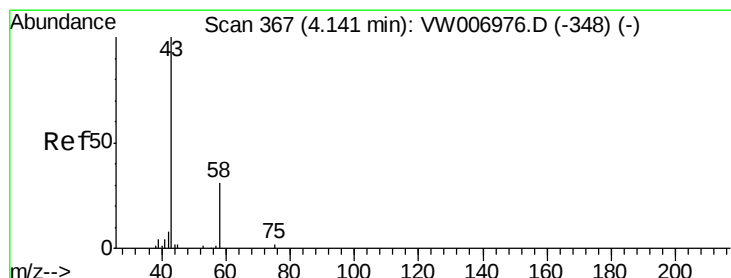
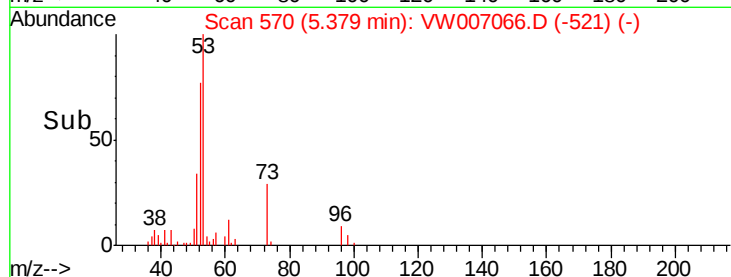
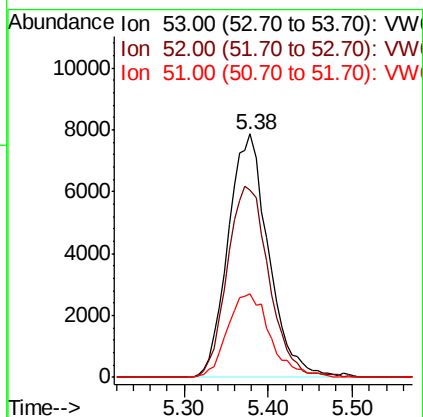
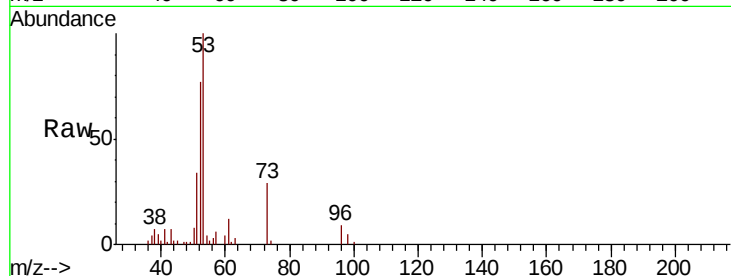
Tot Ion: 53 Resp: 25715

Ion Ratio Lower Upper

53 100

52 81.0 65.7 98.5

51 36.4 29.9 44.9



#16

Acetone

Concen: 125.007 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW007066.D

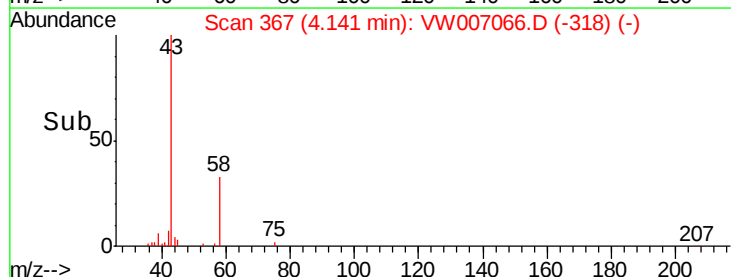
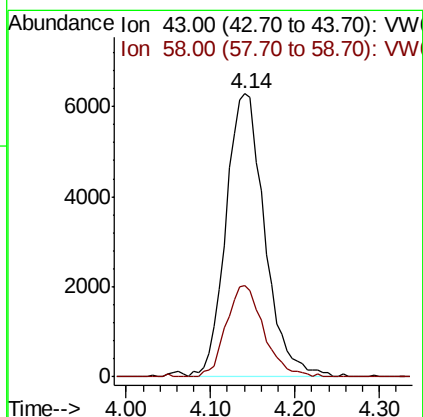
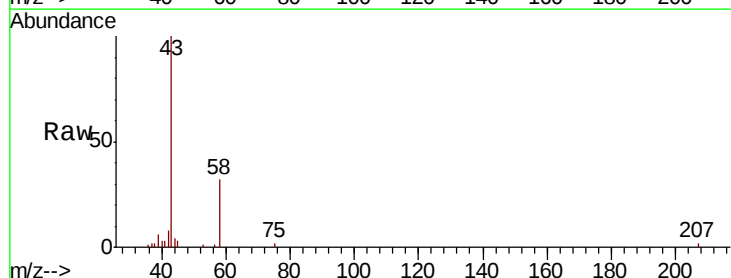
Acq: 27 Nov 2018 01:20

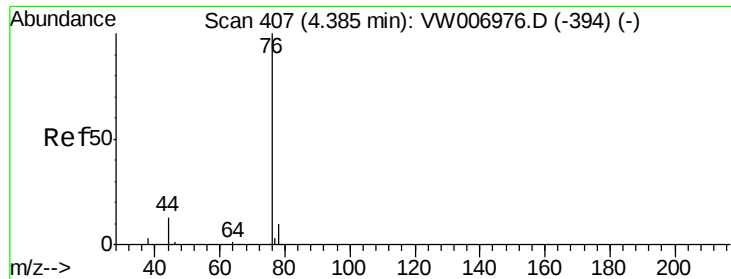
Tgt Ion: 43 Resp: 19633

Ion Ratio Lower Upper

43 100

58 32.5 24.8 37.2

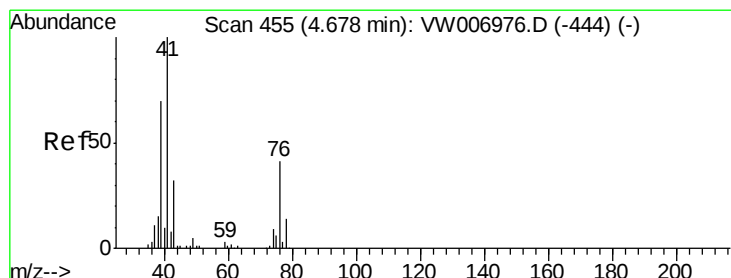
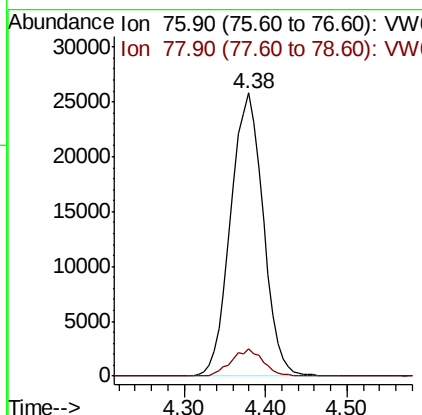
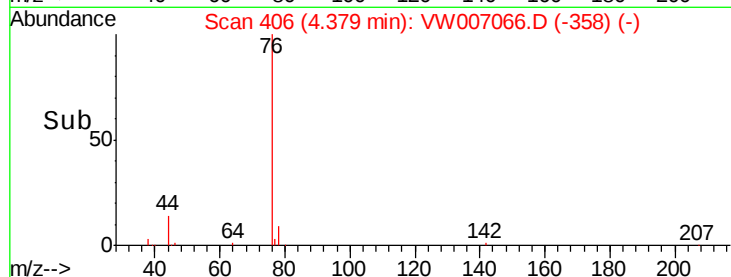
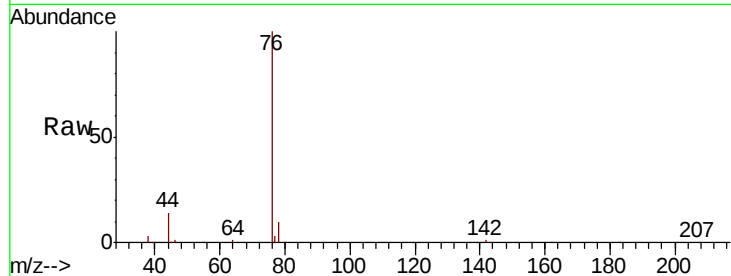




#17
Carbon Disulfide
Concen: 22.045 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

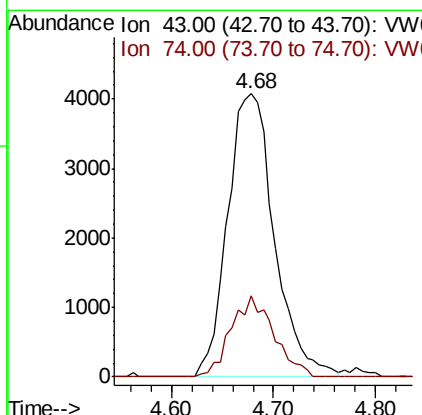
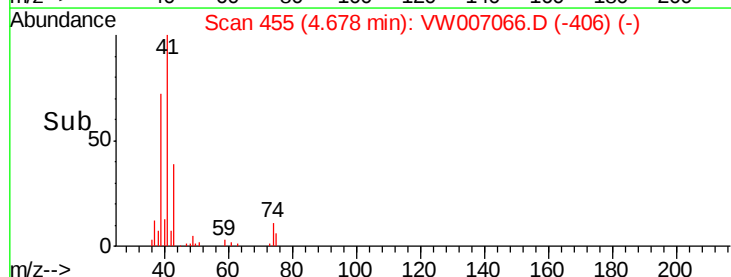
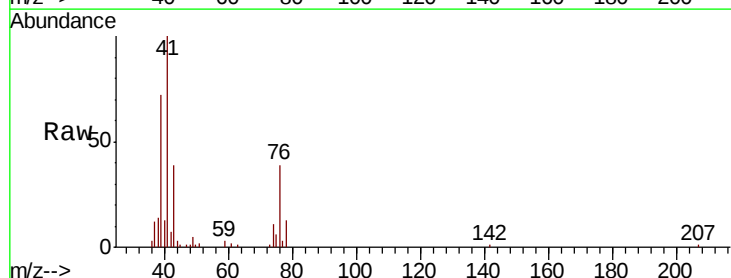
Instrument :
MSVOA_W
ClientSampled :

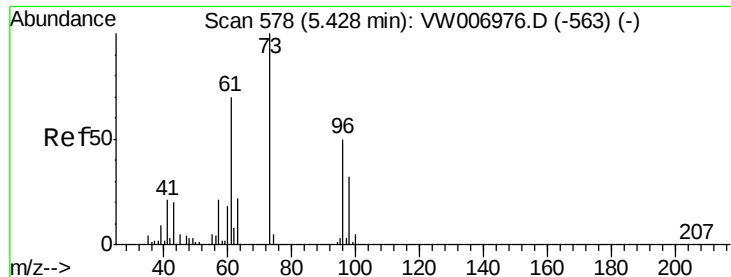
Tot Ion: 76 Resp: 71279
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.6



#18
Methyl Acetate
Concen: 23.206 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 43 Resp: 12979
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1

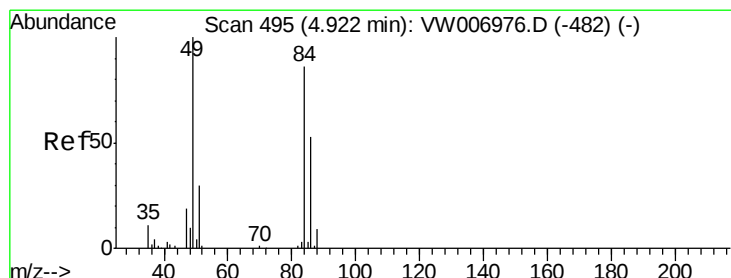
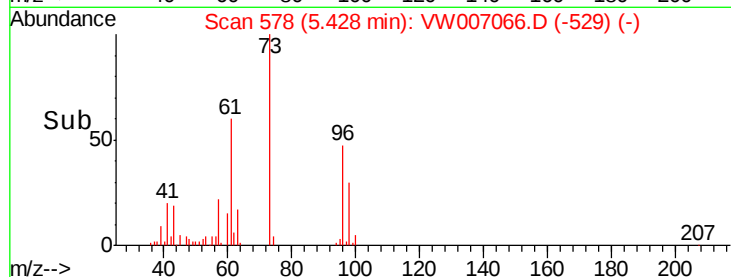
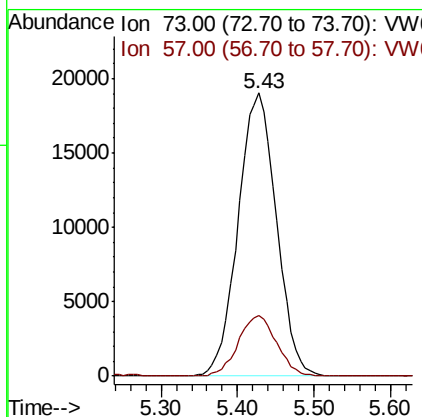
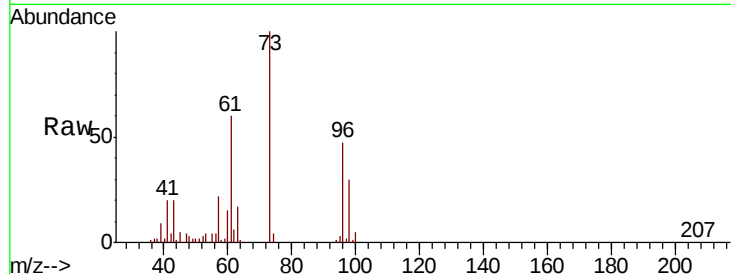




#19
Methyl tert-butyl Ether
Concen: 25.367 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

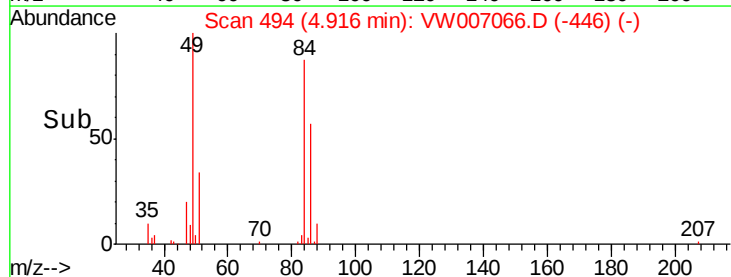
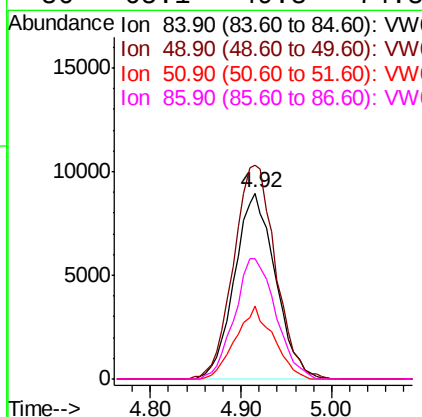
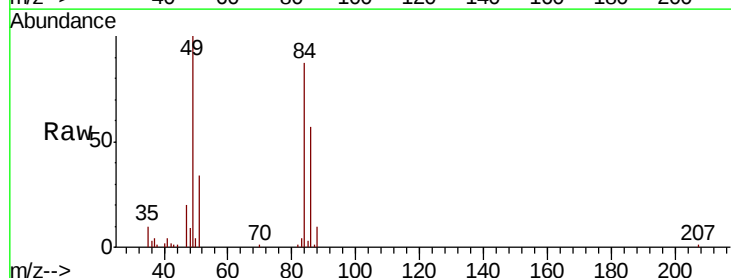
Instrument :
MSVOA_W
ClientSampled :

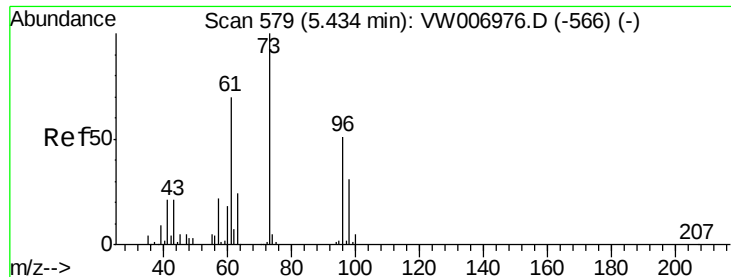
Tot Ion: 73 Resp: 66243
Ion Ratio Lower Upper
73 100
57 21.6 16.7 25.1



#20
Methylene Chloride
Concen: 19.021 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 84 Resp: 27994
Ion Ratio Lower Upper
84 100
49 115.0 93.4 140.0
51 39.6 28.4 42.6
86 65.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 22.740 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

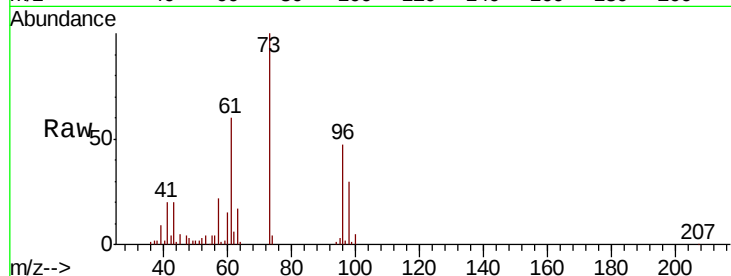
Tot Ion: 96 Resp: 26492

Ion Ratio Lower Upper

96 100

61 127.5 109.4 164.0

98 63.6 48.3 72.5

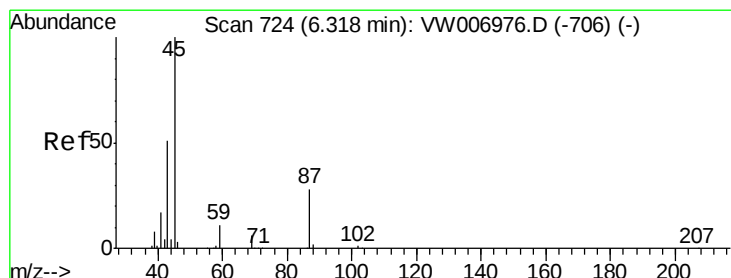
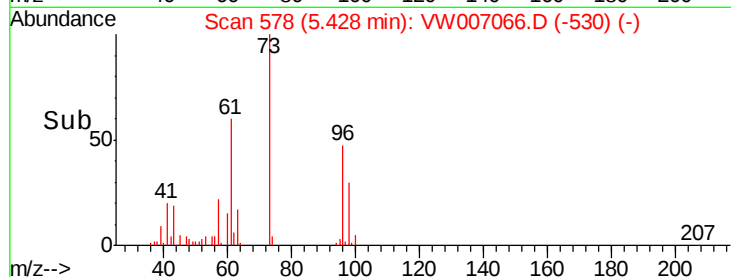
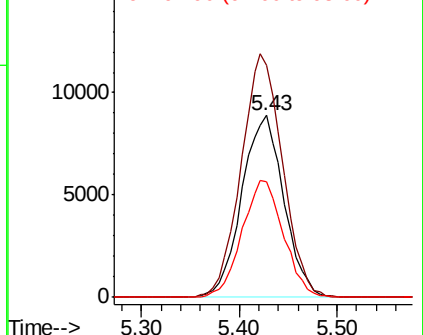


Abundance

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: 23.424 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Tgt Ion: 45 Resp: 75628

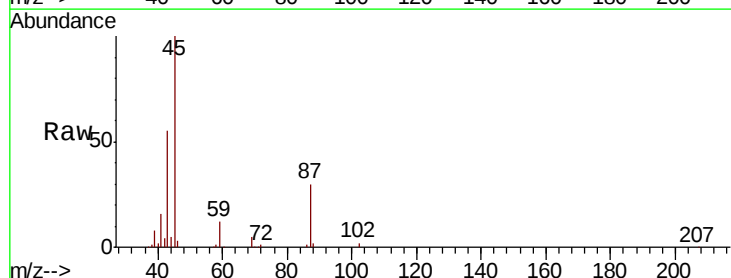
Ion Ratio Lower Upper

45 100

43 54.8 42.5 63.7

87 30.4 22.8 34.2

59 11.8 9.1 13.7



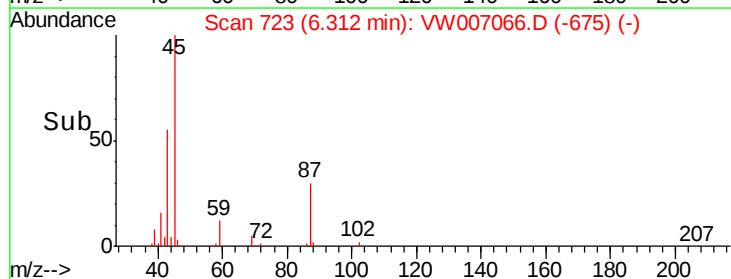
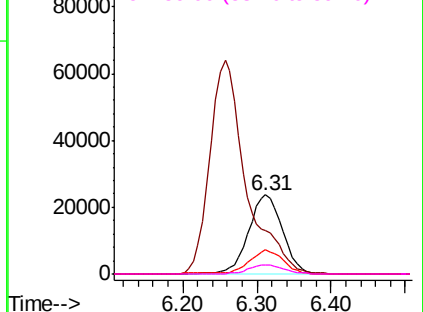
Abundance

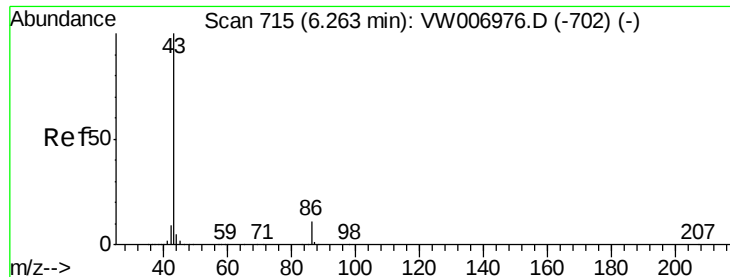
Ion 45.00 (44.70 to 45.70): VW

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: 125.979 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

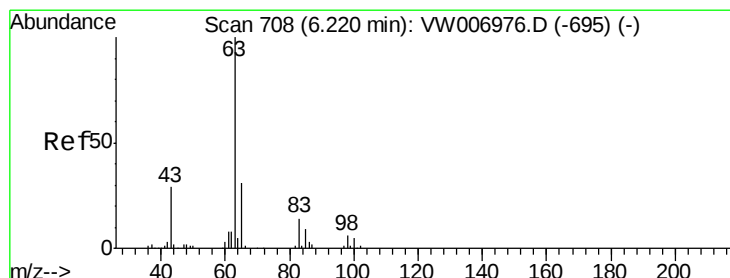
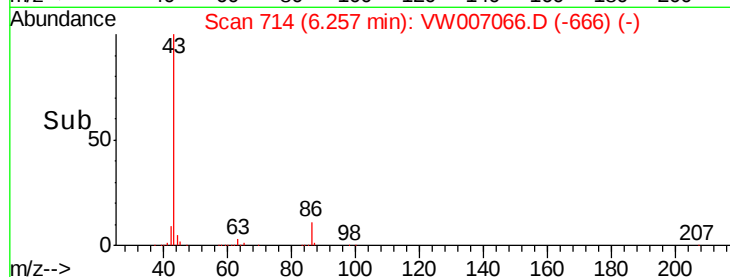
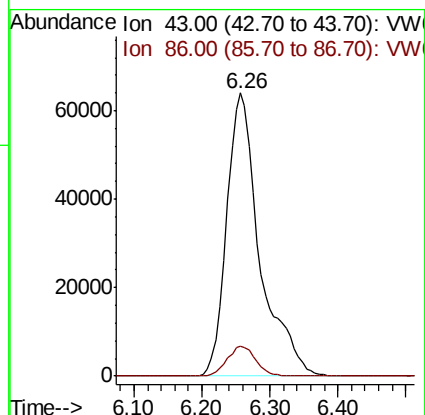
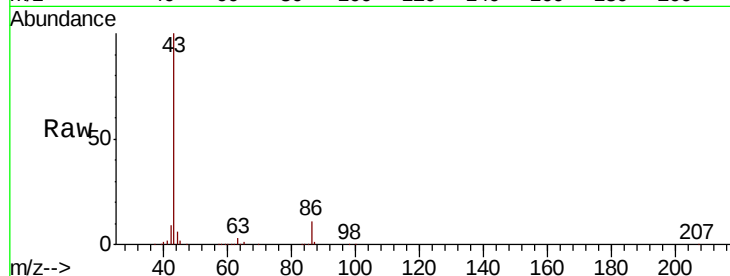
ClientSampleId :

Tot Ion: 43 Resp: 215996

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 22.128 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

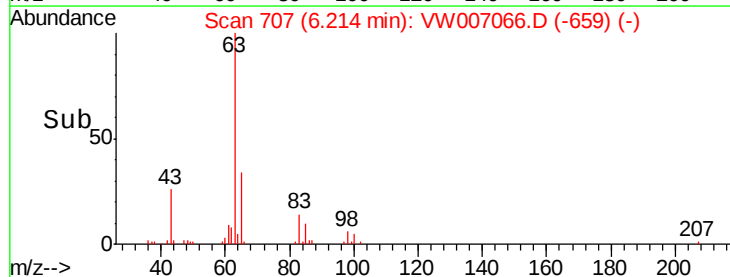
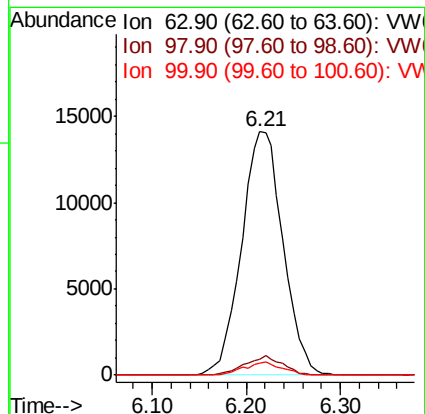
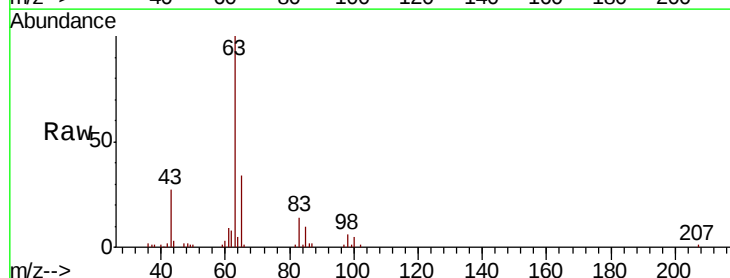
Tgt Ion: 63 Resp: 43462

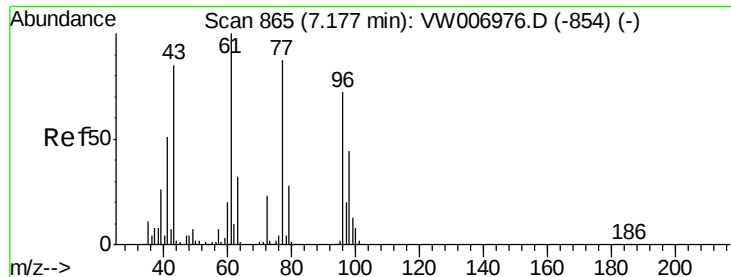
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 119.531 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

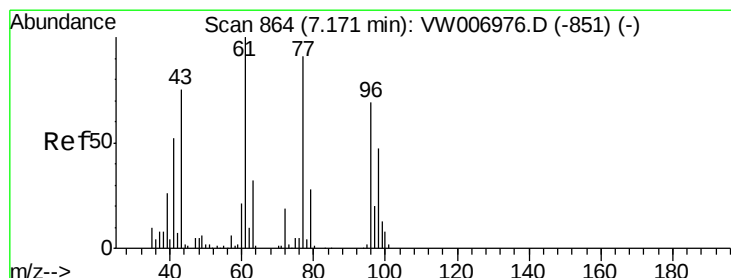
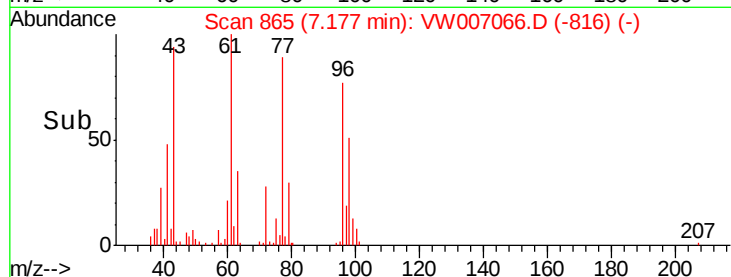
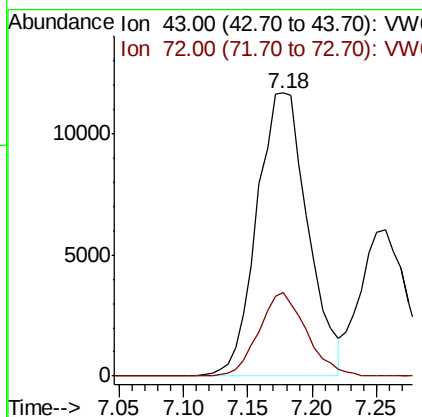
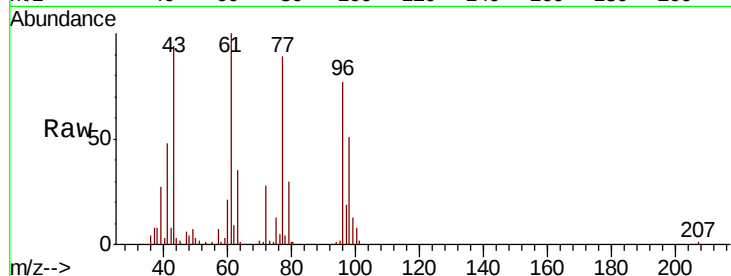
ClientSampled :

Tot Ion: 43 Resp: 32153

Ion Ratio Lower Upper

43 100

72 29.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 20.648 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007066.D

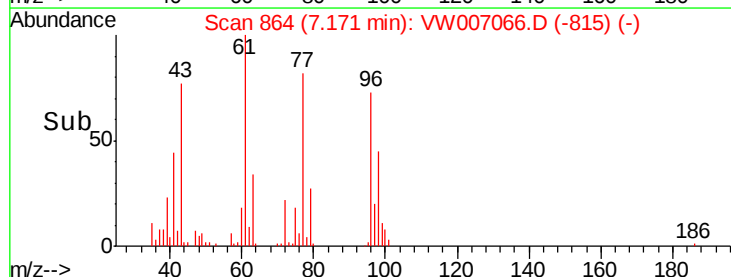
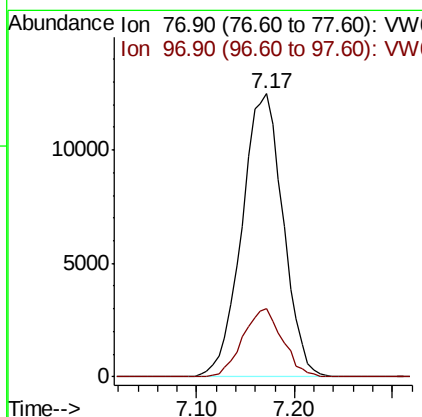
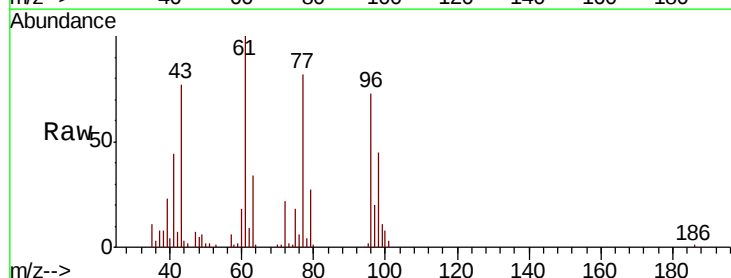
Acq: 27 Nov 2018 01:20

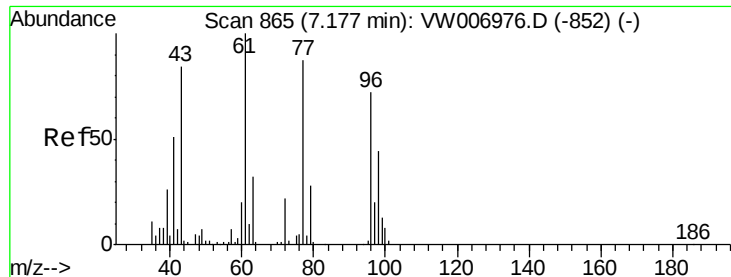
Tgt Ion: 77 Resp: 36470

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1



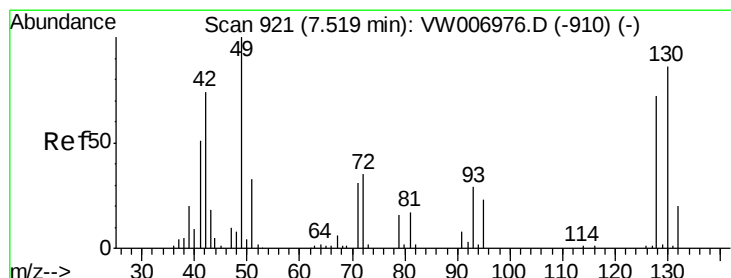
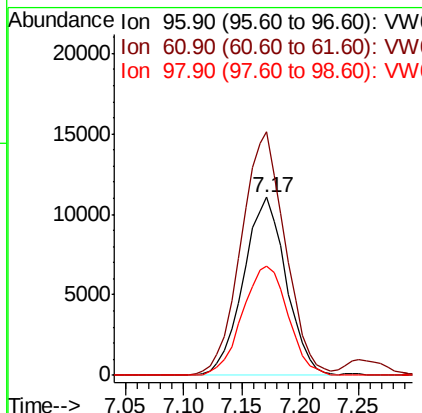
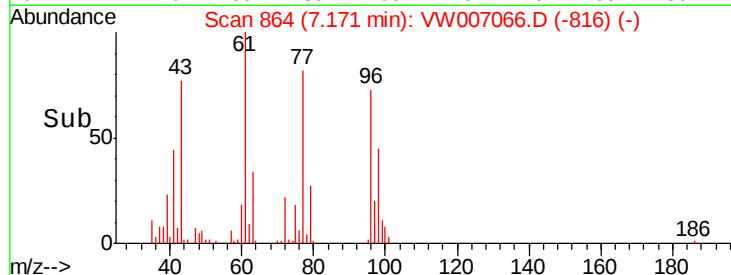
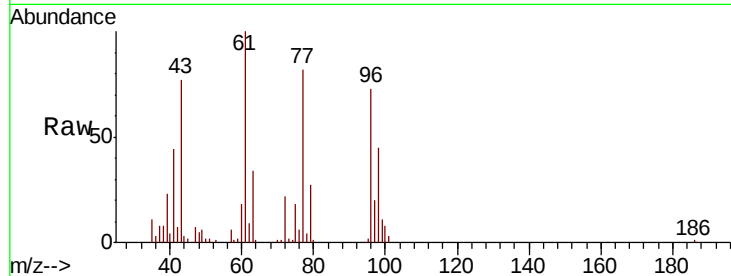


#27

cis-1,2-Dichloroethene
 Concen: 22.721 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

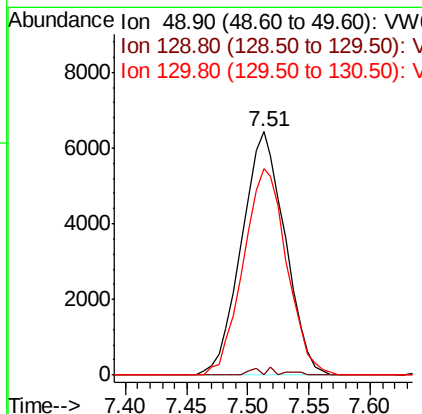
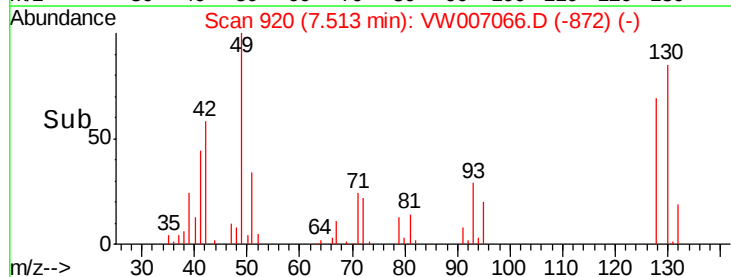
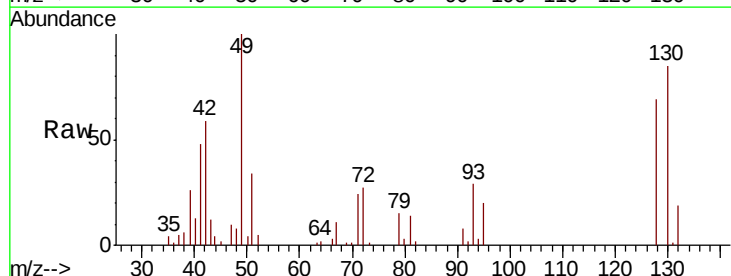
Tot Ion: 96 Resp: 28188
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 292.6
 98 65.3 0.0 129.8

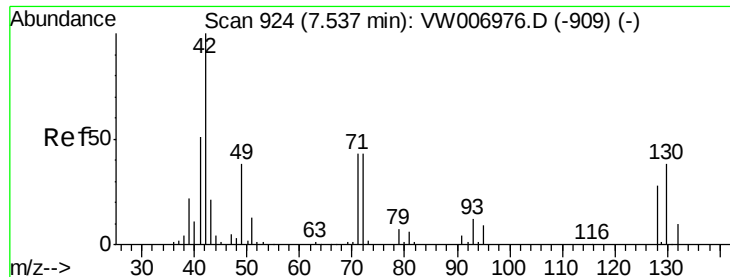


#28

Bromochloromethane
 Concen: 21.594 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 49 Resp: 15852
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 2.0
 130 85.1 69.0 103.4

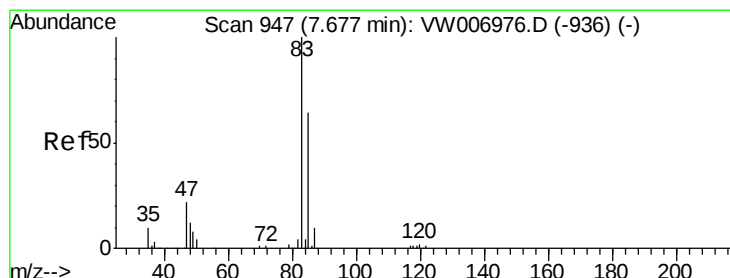
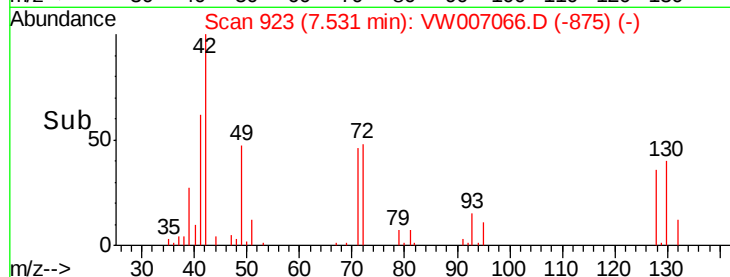
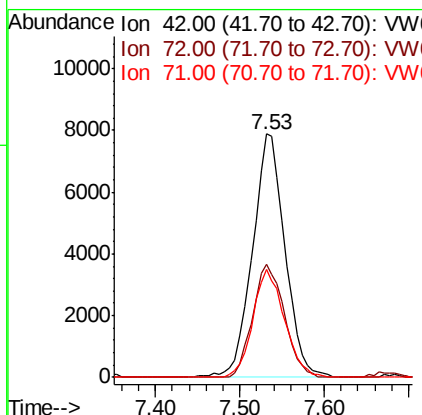
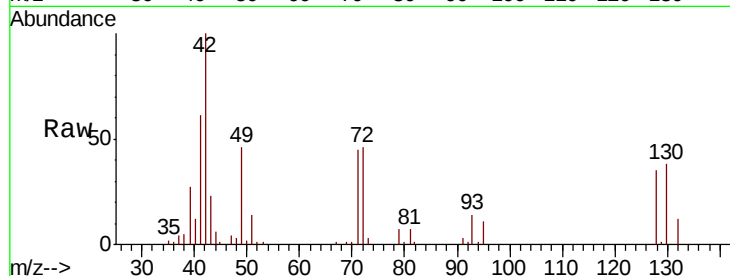




#29
Tetrahydrofuran
Concen: 119.865 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

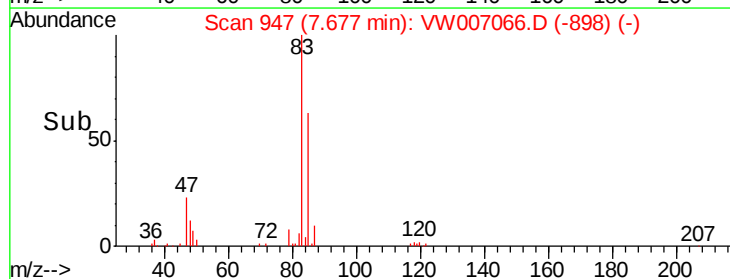
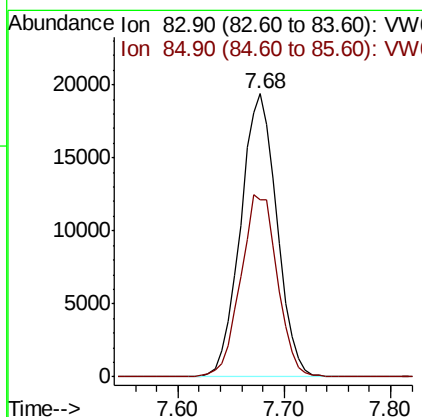
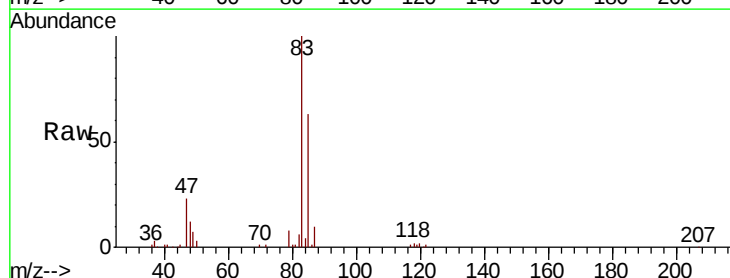
Instrument :
MSVOA_W
ClientSampleId :

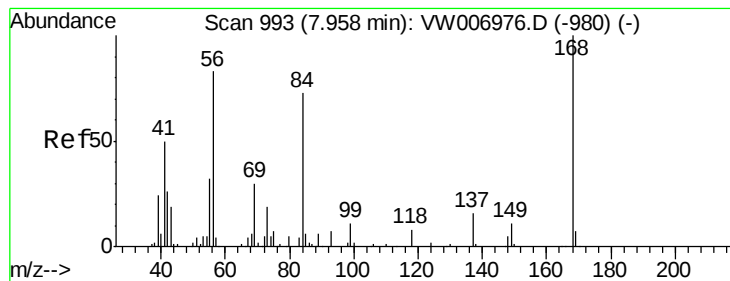
Tot Ion: 42 Resp: 20882
Ion Ratio Lower Upper
42 100
72 45.3 36.2 54.4
71 43.1 33.8 50.8



#30
Chloroform
Concen: 22.253 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 83 Resp: 46434
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3





#31

Cyclohexane

Concen: 21.768 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

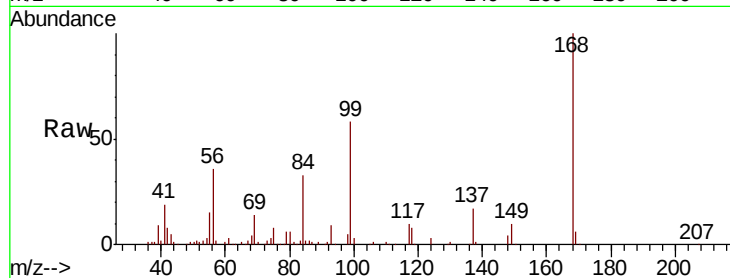
Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 45350

Ion	Ratio	Lower	Upper
56	100		
69	38.7	29.1	43.7
84	89.4	70.6	105.8

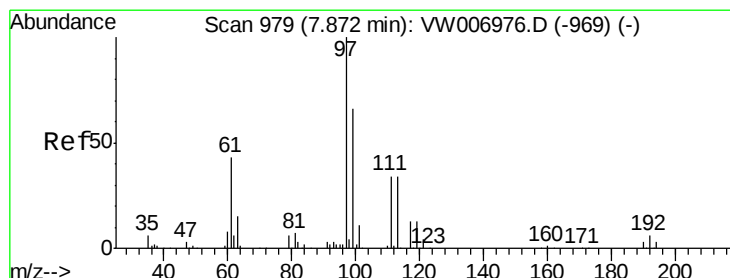
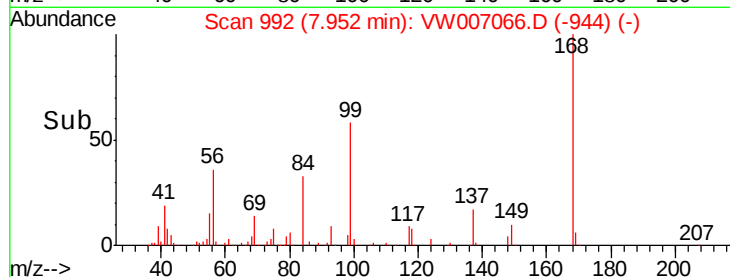
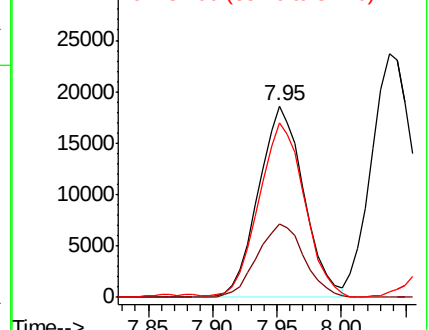


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 22.574 ug/l

RT: 7.87 min Scan# 979

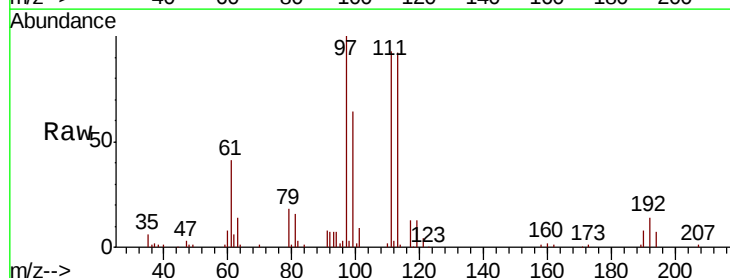
Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Tgt Ion: 97 Resp: 42429

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.9	77.9
61	42.2	33.4	50.2

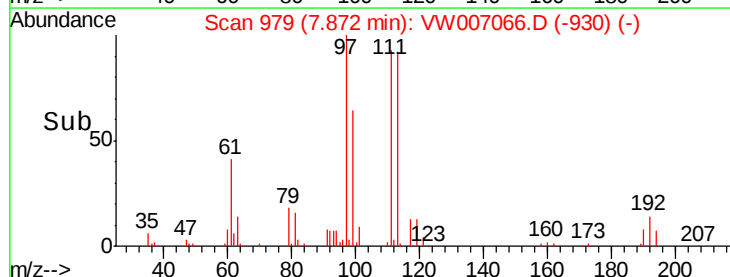
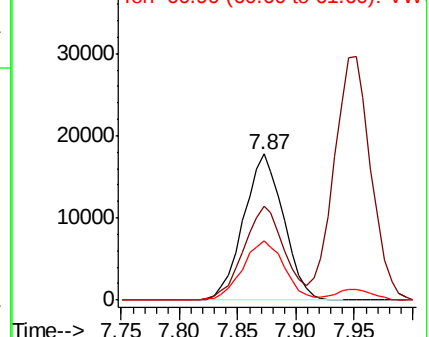


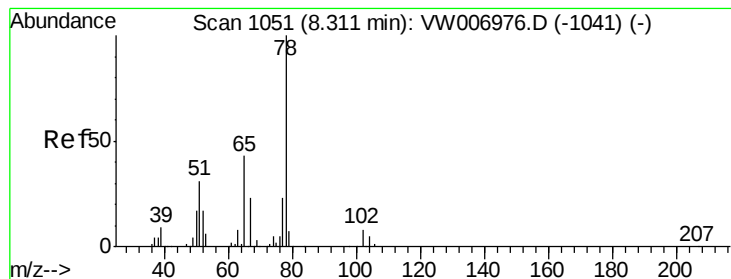
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 56.645 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

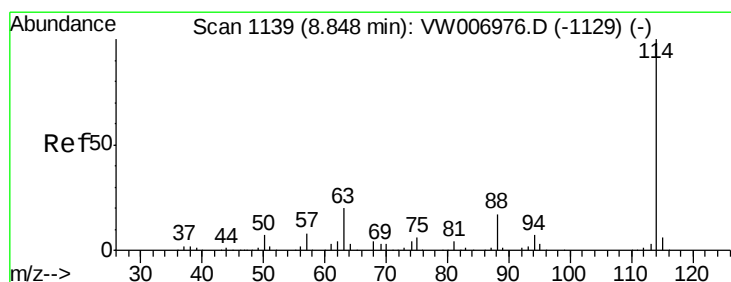
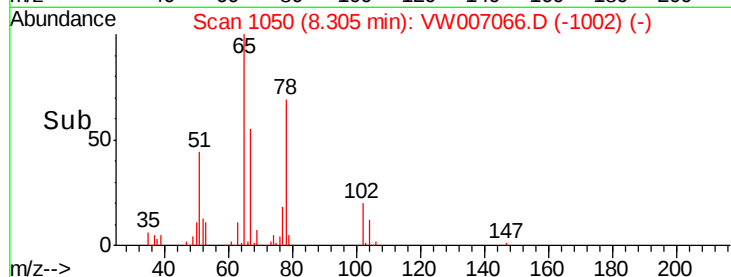
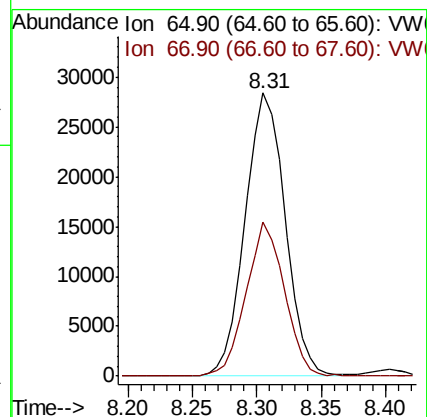
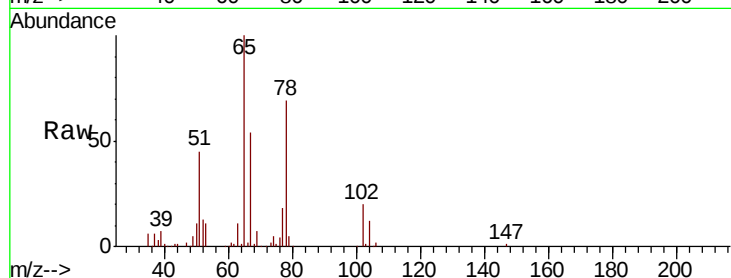
ClientSampled :

Tot Ion: 65 Resp: 61275

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

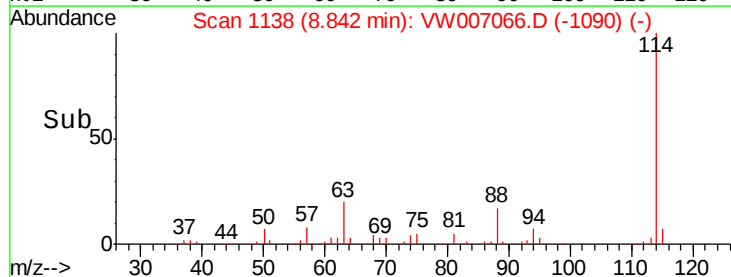
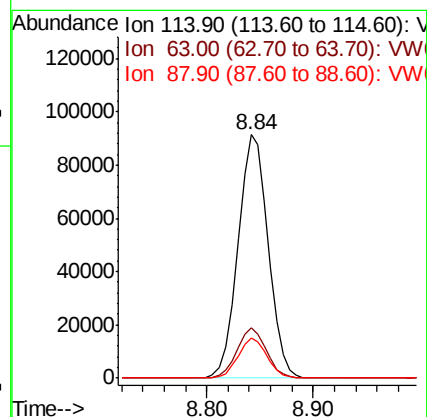
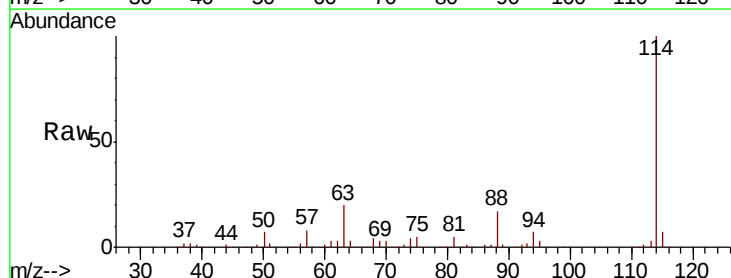
Tgt Ion: 114 Resp: 180994

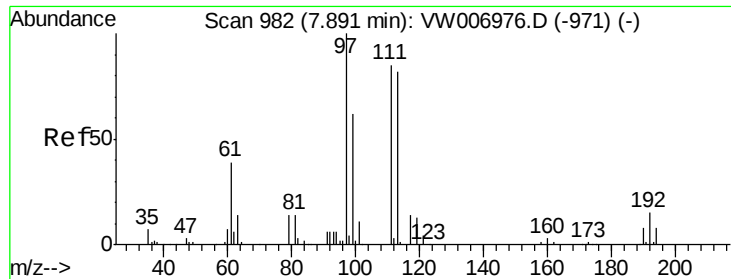
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

88 16.7 0.0 34.2

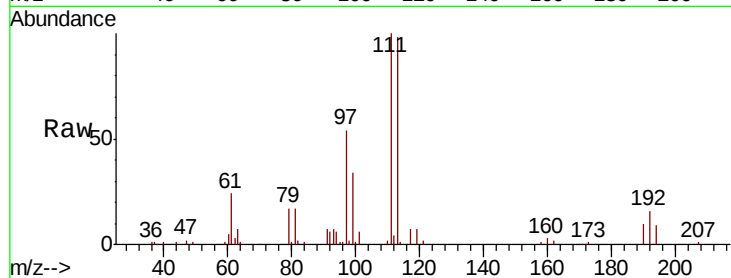




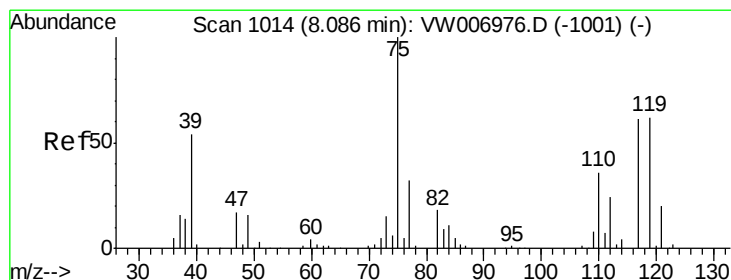
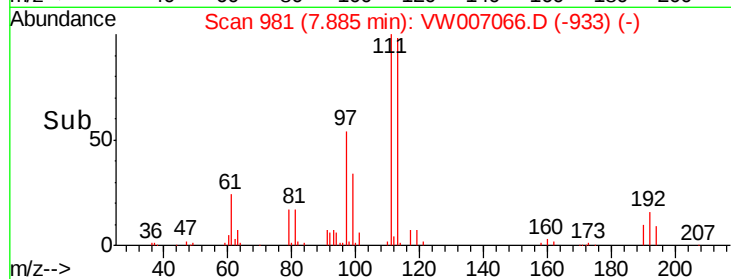
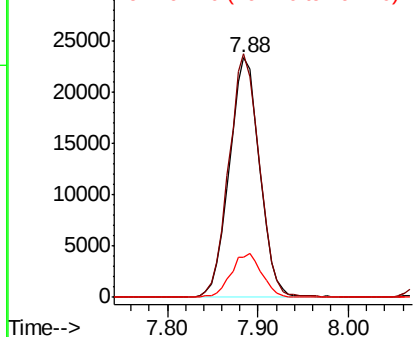
#35
 Dibromofluoromethane
 Concen: 53.040 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 54213
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 18.3 15.0 22.6

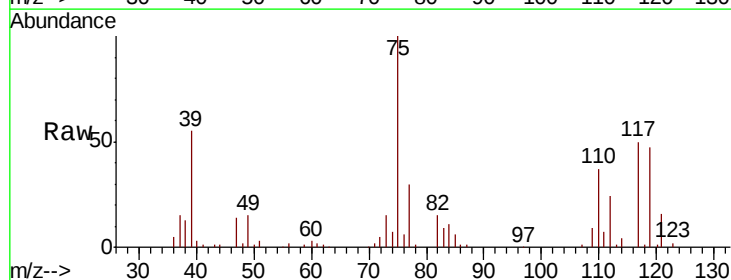


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

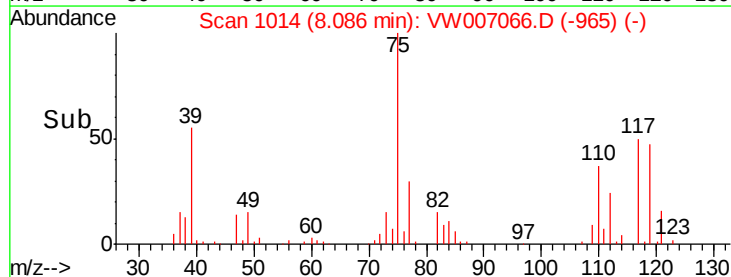
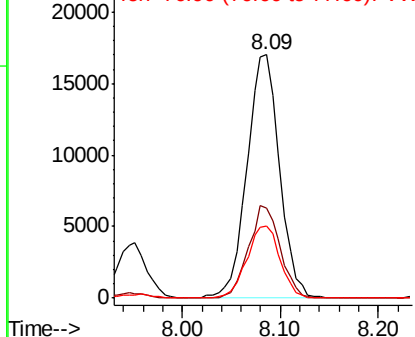


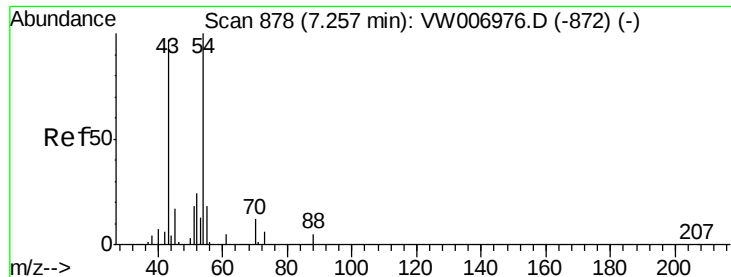
#36
 1,1-Dichloropropene
 Concen: 22.167 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 75 Resp: 39206
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.0 54.0
 77 30.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

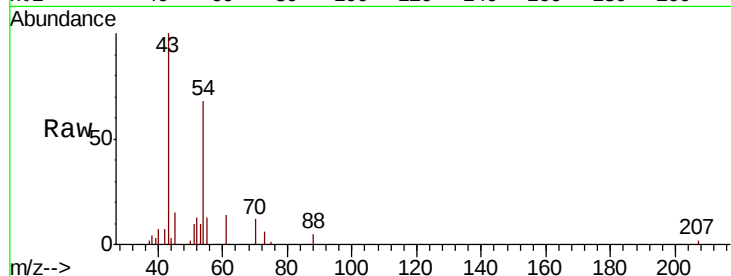




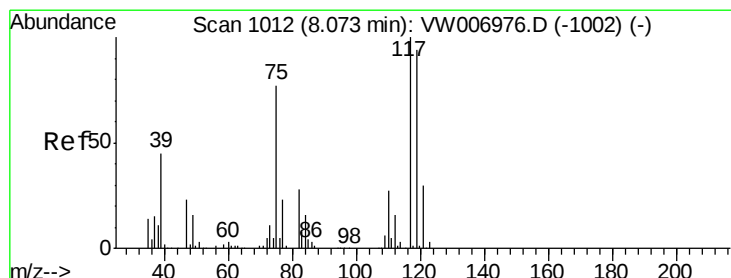
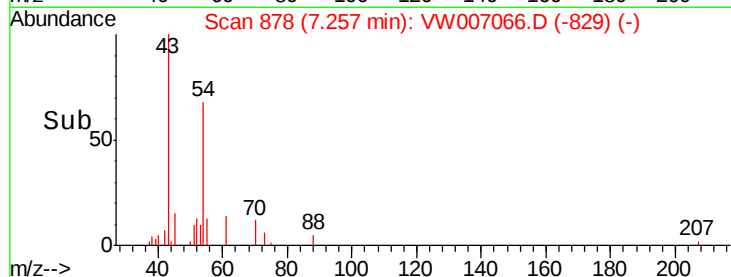
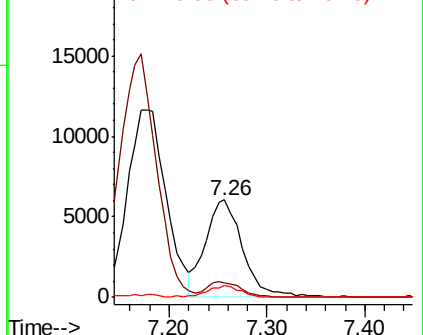
#37
Ethyl Acetate
Concen: 24.984 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 16013
Ion Ratio Lower Upper
43 100
61 14.4 10.4 15.6
70 10.5 8.8 13.2

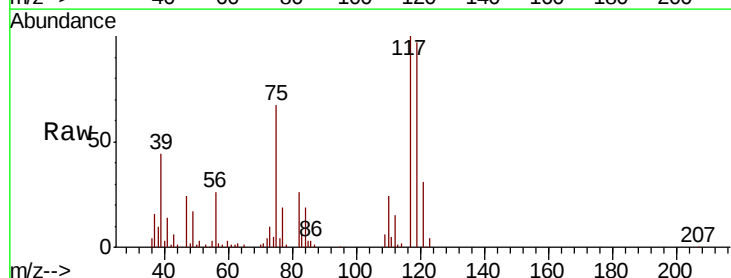


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

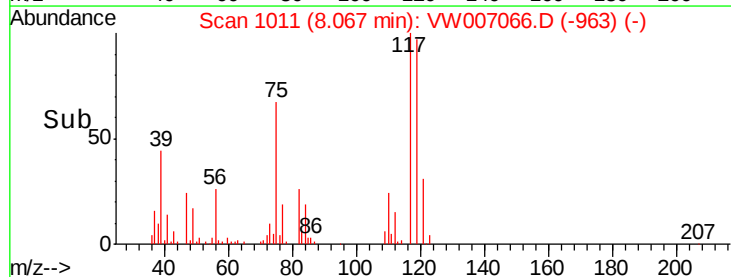
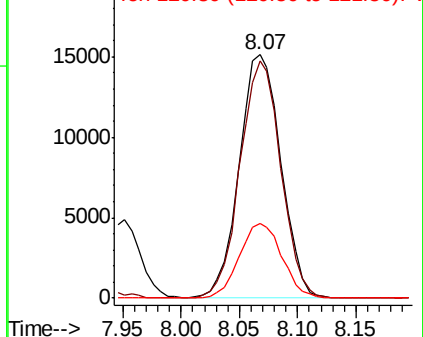


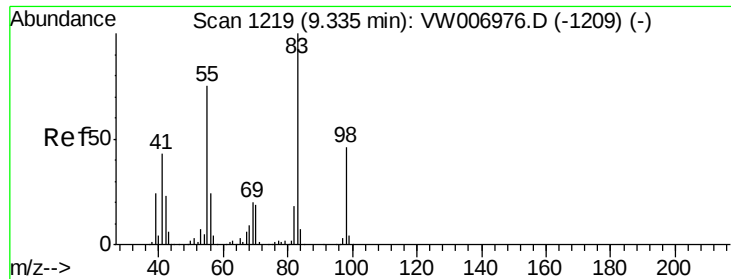
#38
Carbon Tetrachloride
Concen: 22.267 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 117 Resp: 37714
Ion Ratio Lower Upper
117 100
119 97.5 74.9 112.3
121 30.7 23.6 35.4



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

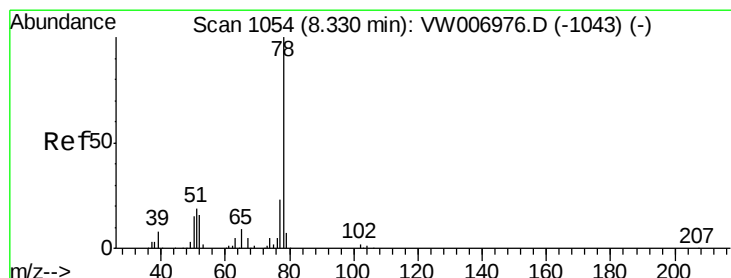
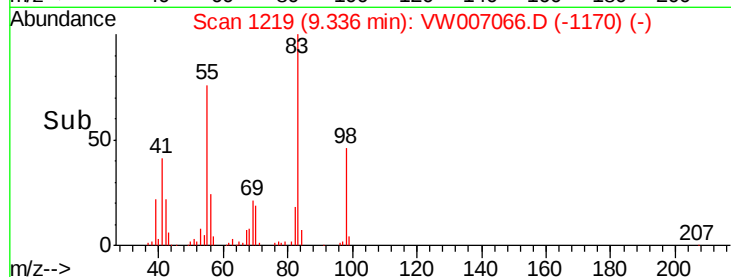
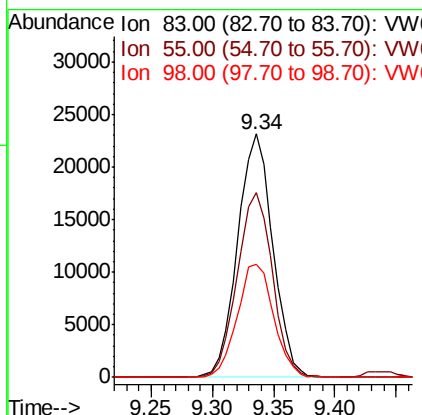
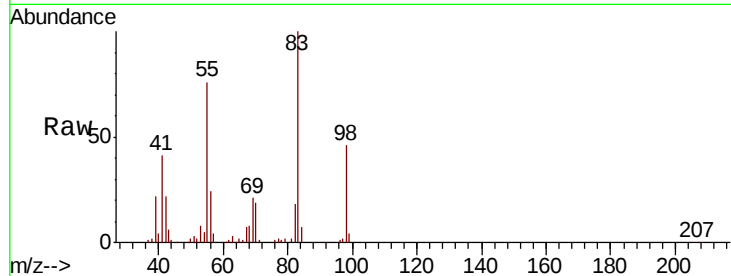




#39
Methvlcvclohexane
Concen: 20.899 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

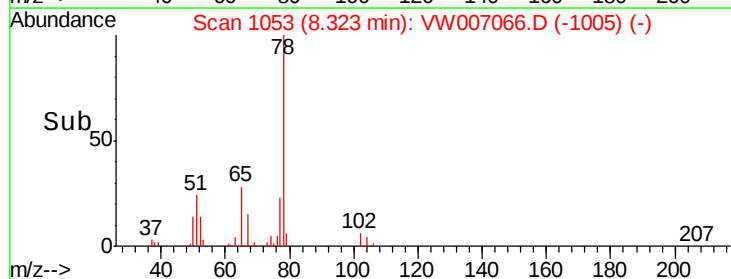
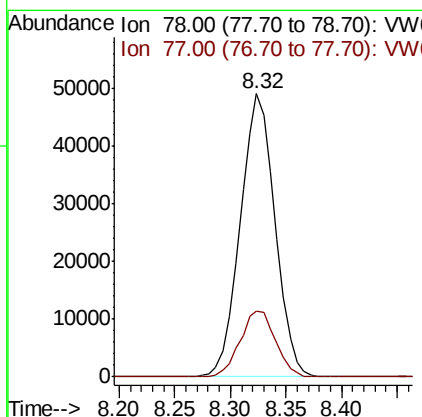
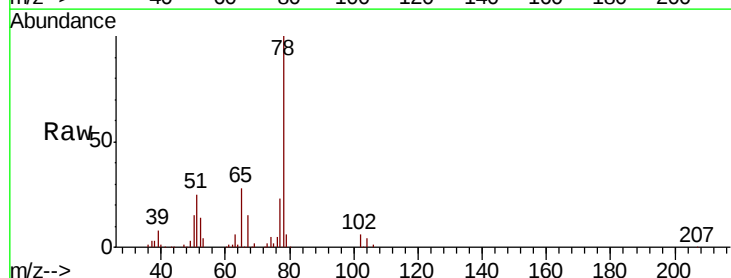
Instrument :
MSVOA_W
ClientSampled :

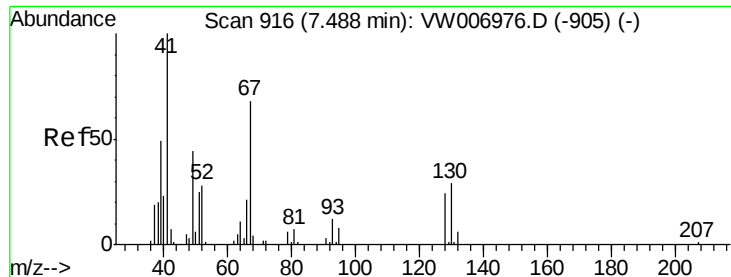
Tot Ion: 83 Resp: 46257
Ion Ratio Lower Upper
83 100
55 76.1 59.6 89.4
98 46.4 37.1 55.7



#40
Benzene
Concen: 22.224 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 78 Resp: 106103
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0

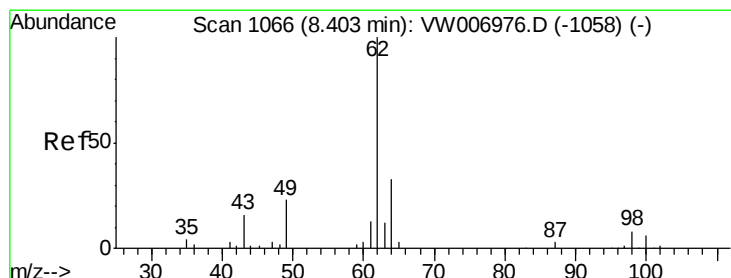
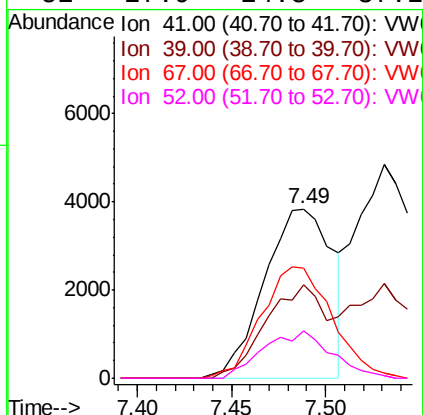
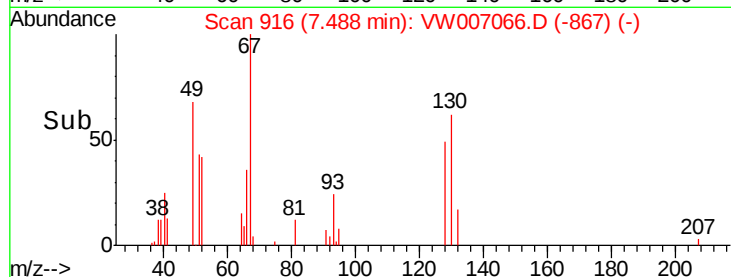
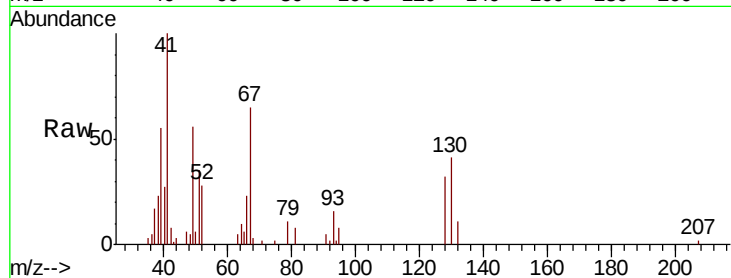




#41
Methacrylonitrile
Concen: 24.212 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

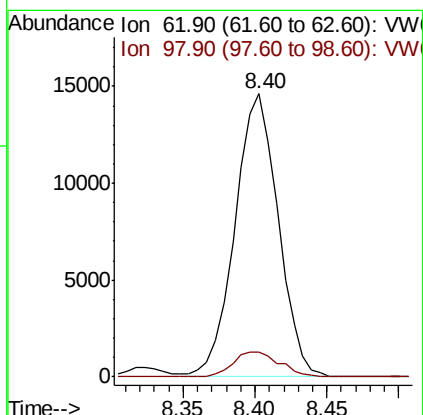
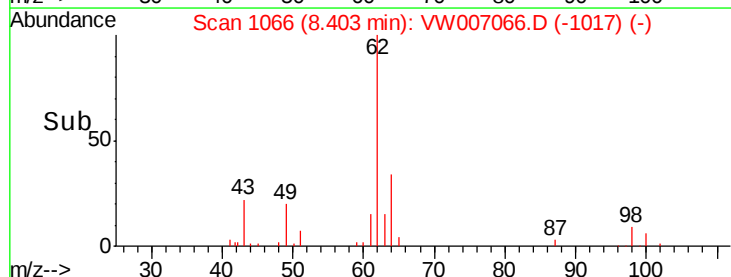
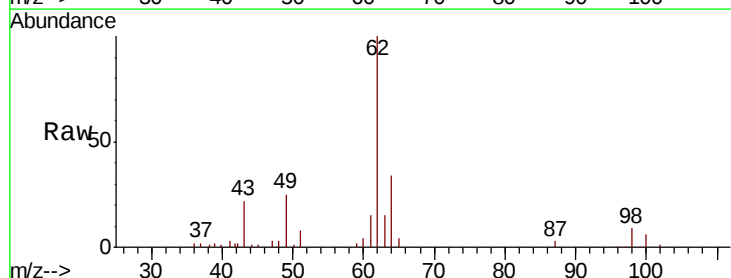
Instrument :
MSVOA_W
ClientSampled :

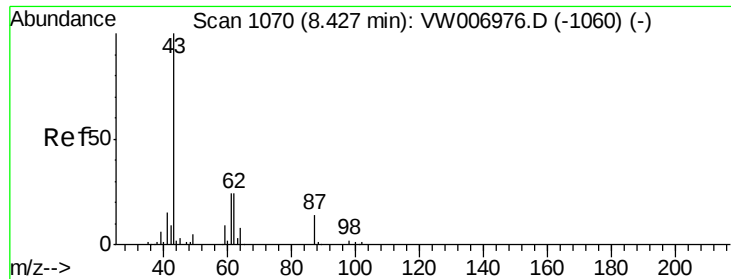
Tot Ion:	41	Resp:	9637
Ion	Ratio	Lower	Upper
41	100		
39	46.2	48.6	73.0#
67	67.8	59.8	89.8
52	27.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.934 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion:	62	Resp:	30403
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 24.154 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

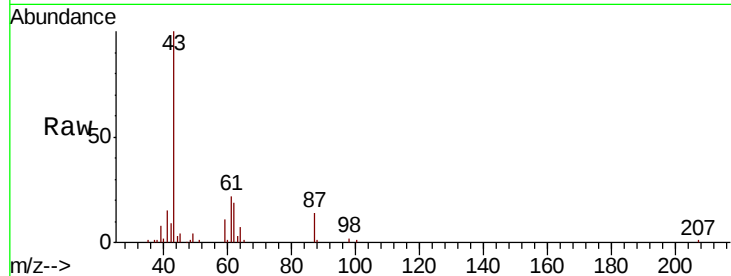
Tot Ion: 43 Resp: 29501

Ion Ratio Lower Upper

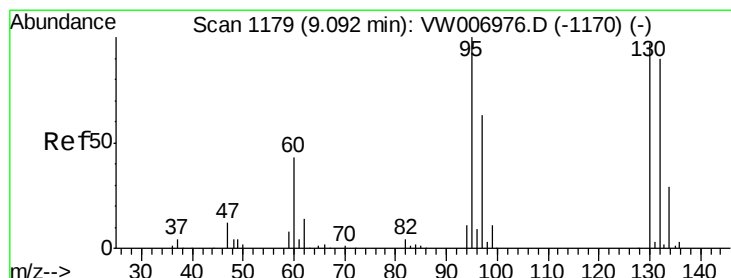
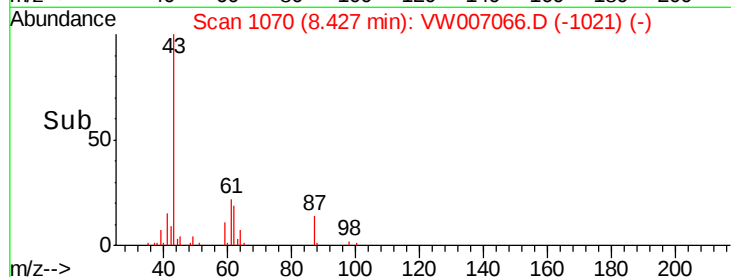
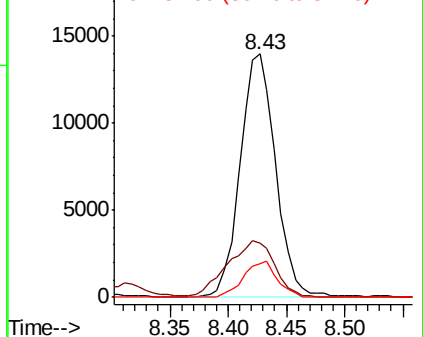
43 100

61 31.1 26.1 39.1

87 14.0 11.2 16.8



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



#44

Trichloroethene

Concen: 23.399 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007066.D

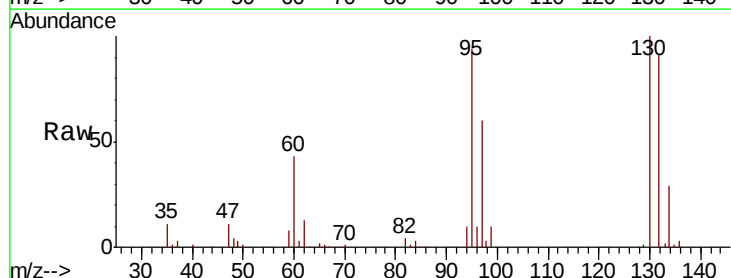
Acq: 27 Nov 2018 01:20

Tgt Ion:130 Resp: 31316

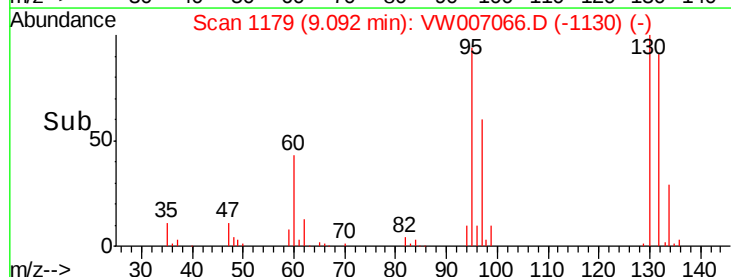
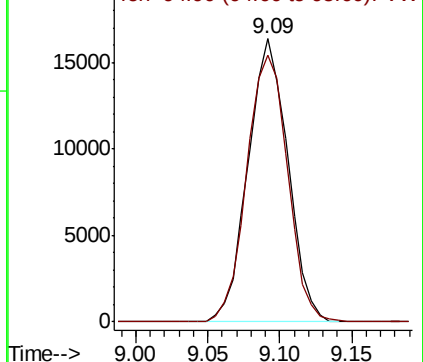
Ion Ratio Lower Upper

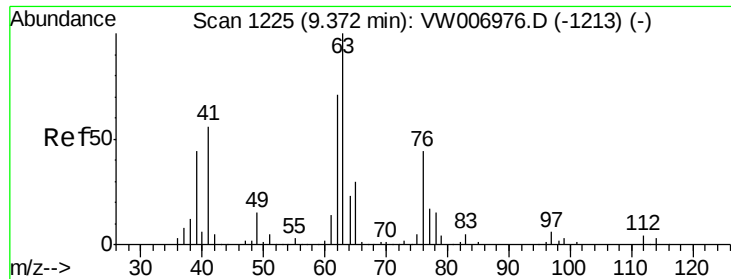
130 100

95 94.1 0.0 206.4



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

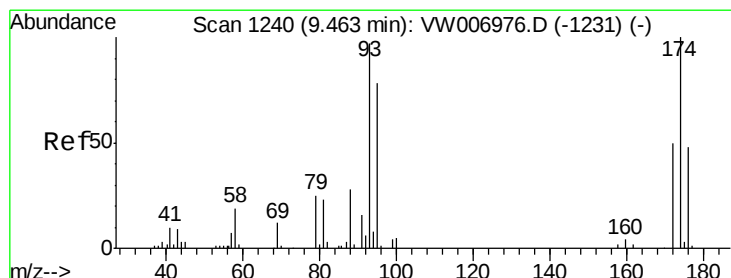
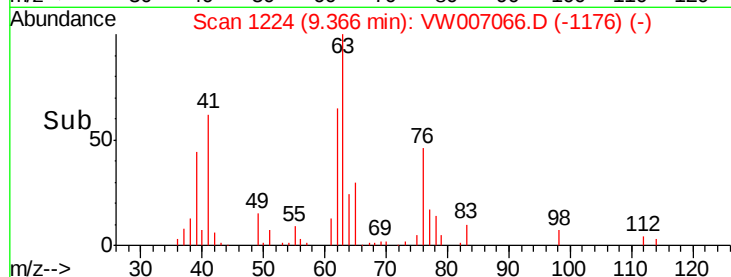
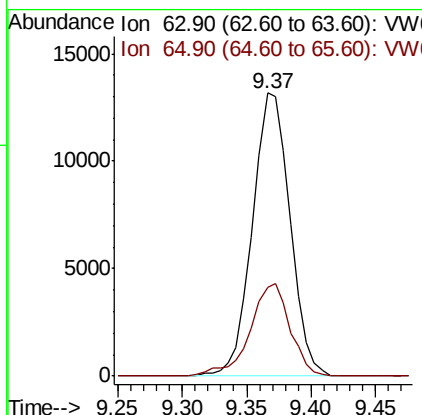
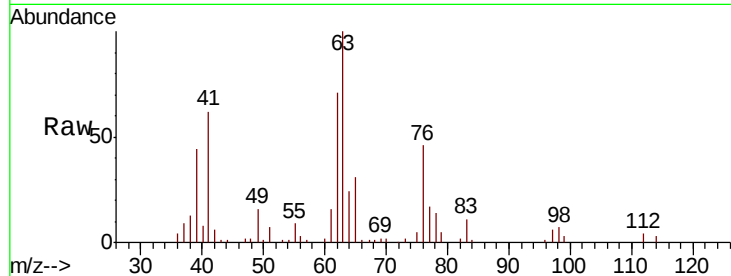




#45
 1,2-Dichloropropane
 Concen: 22.621 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

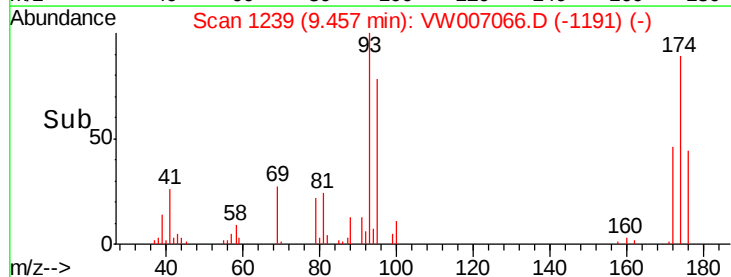
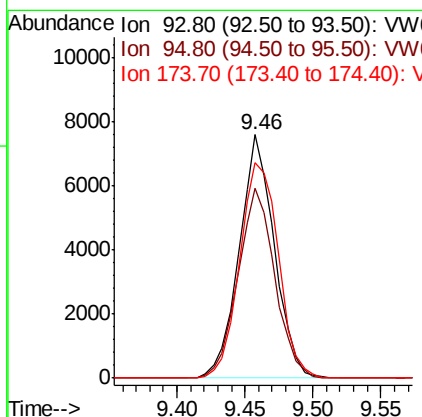
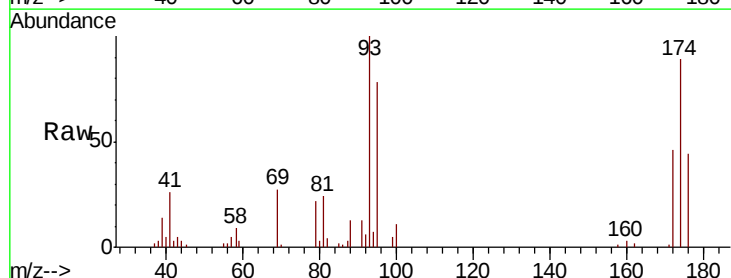
Instrument :
 MSVOA_W
 ClientSampleId :

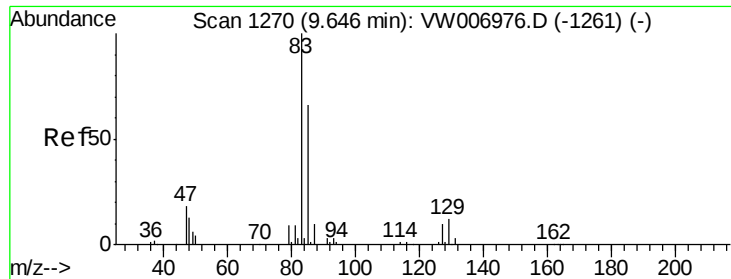
Tot Ion: 63 Resp: 26623
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 23.230 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 93 Resp: 13691
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.1 99.1
 174 97.6 79.7 119.5

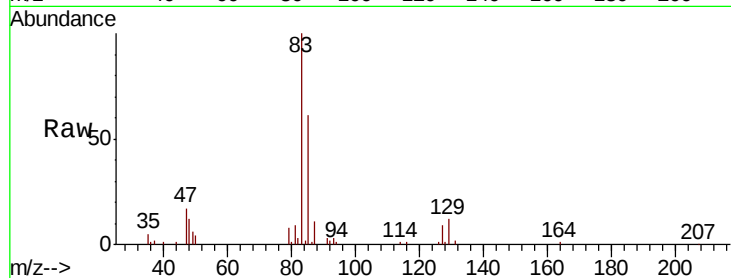




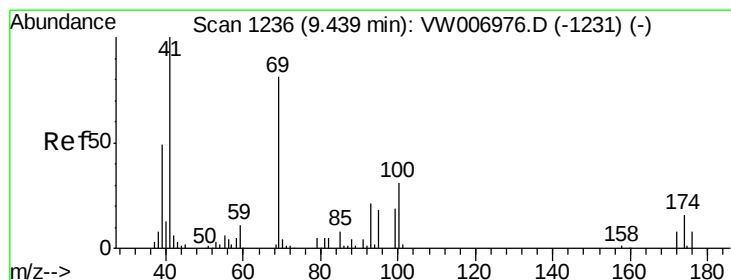
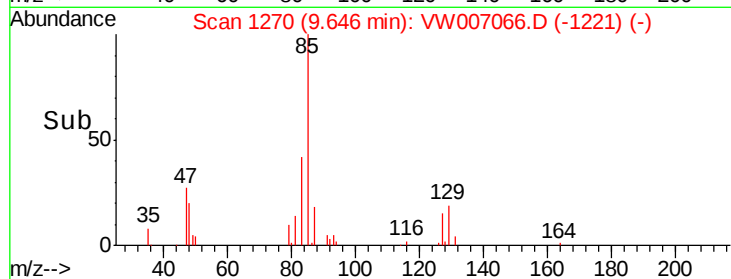
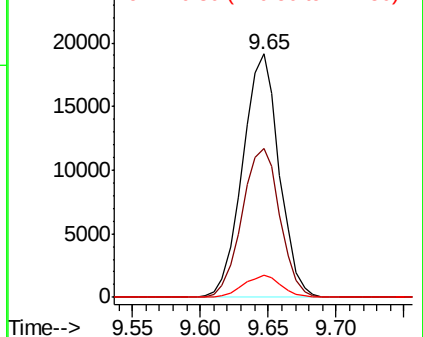
#47
Bromodichloromethane
Concen: 23.117 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 35896
Ion Ratio Lower Upper
83 100
85 61.1 52.9 79.3
127 8.9 7.8 11.6

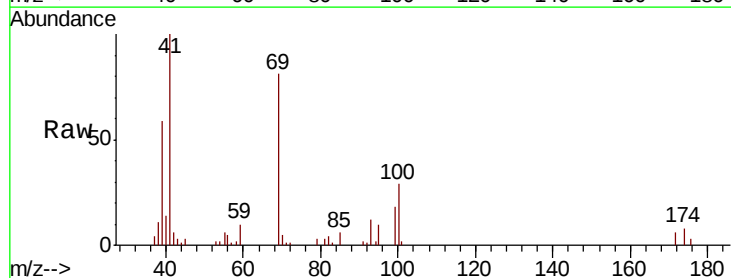


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

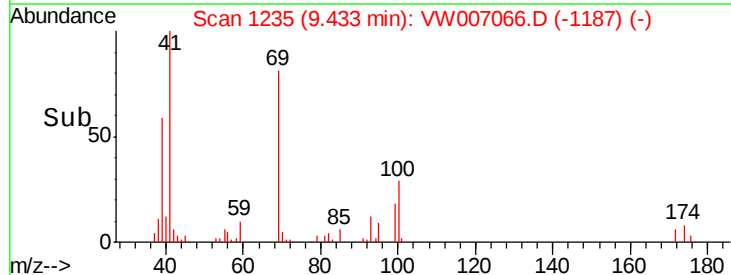
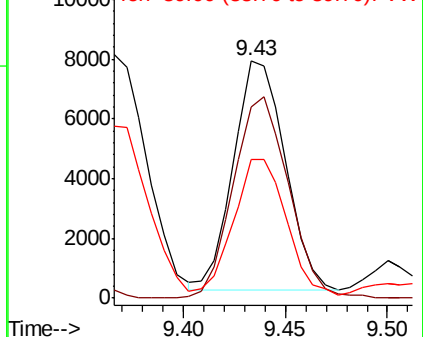


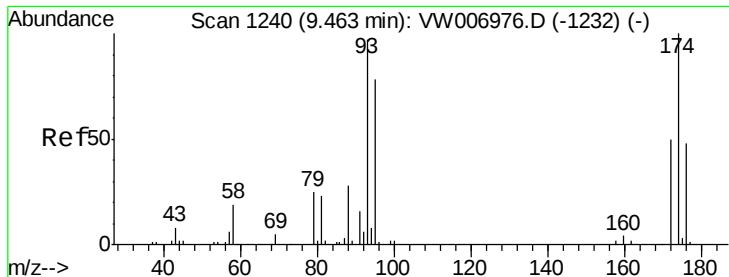
#48
Methyl methacrylate
Concen: 22.994 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 41 Resp: 13542
Ion Ratio Lower Upper
41 100
69 93.8 71.4 107.0
39 63.4 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

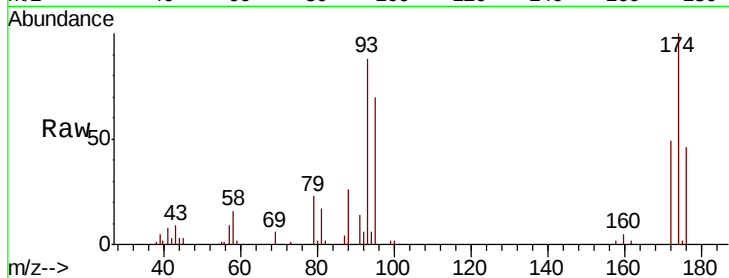




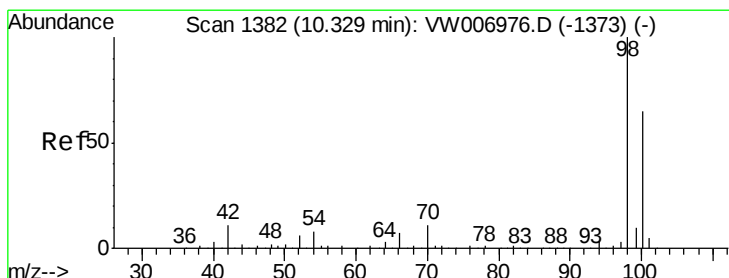
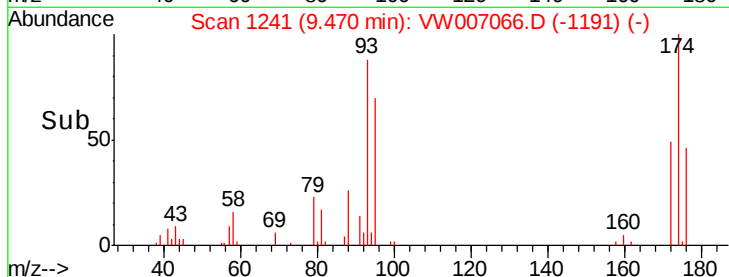
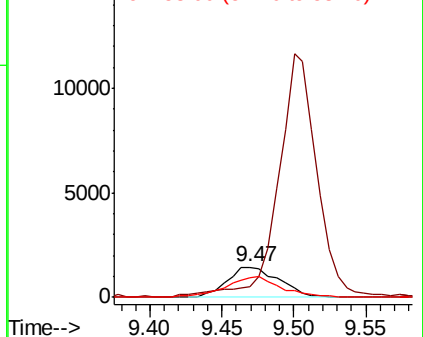
#49
1,4-Dioxane
Concen: 411.535 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 3605
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.7 59.0 88.6

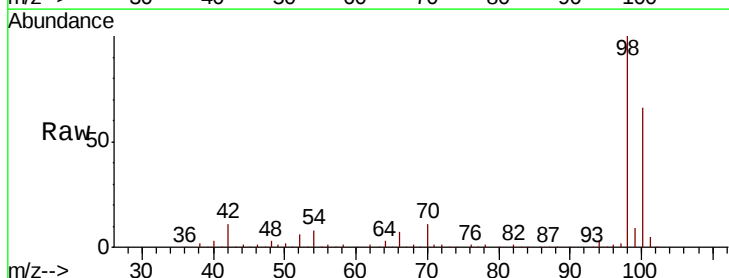


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

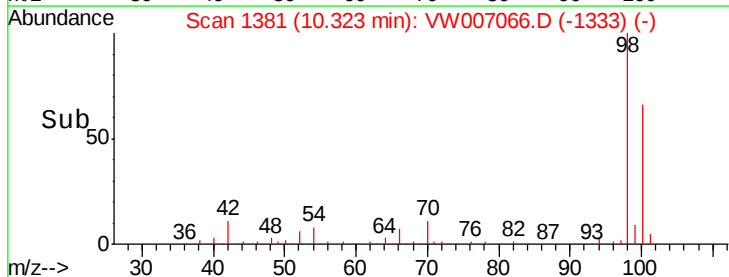
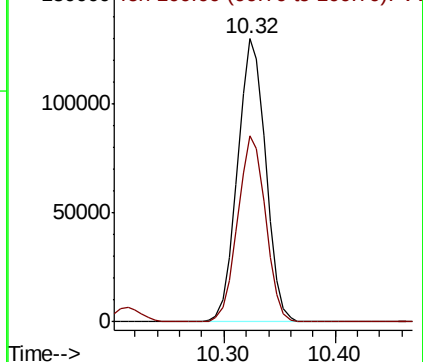


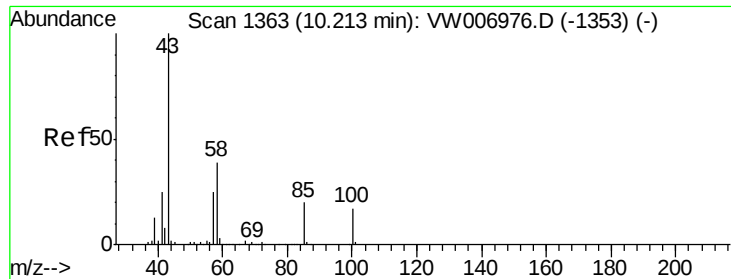
#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 98 Resp: 226540
Ion Ratio Lower Upper
98 100
100 65.3 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: 114.318 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

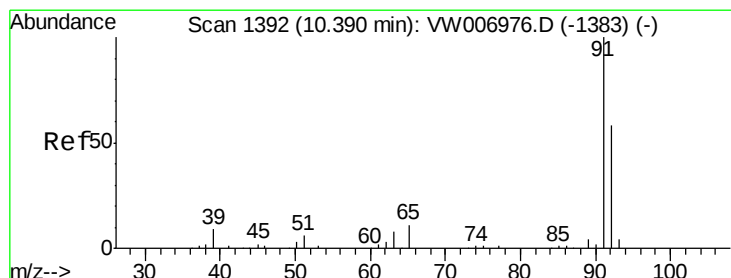
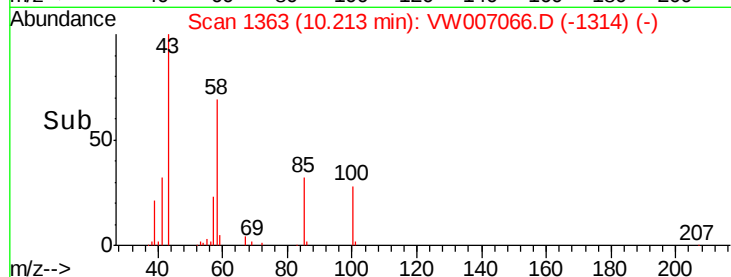
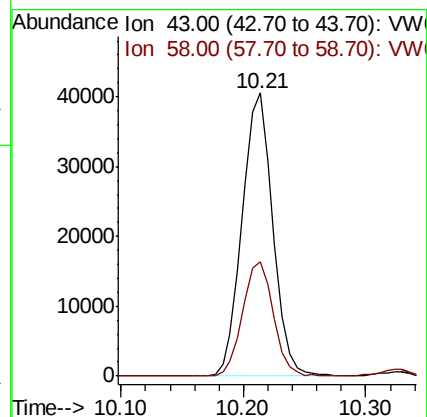
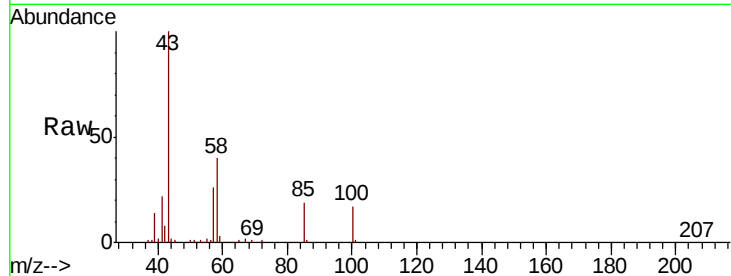
ClientSampled :

Tot Ion: 43 Resp: 70561

Ion Ratio Lower Upper

43 100

58 40.7 31.8 47.6



#52

Toluene

Concen: 20.907 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007066.D

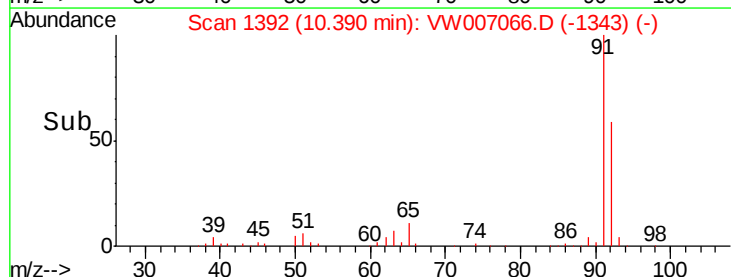
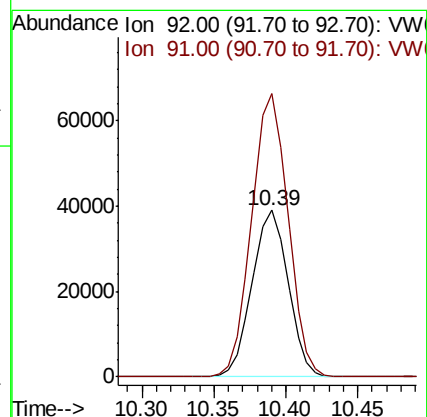
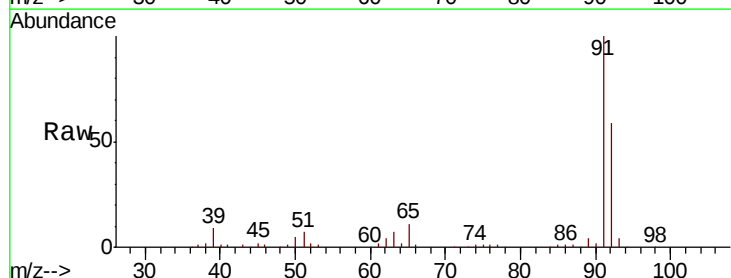
Acq: 27 Nov 2018 01:20

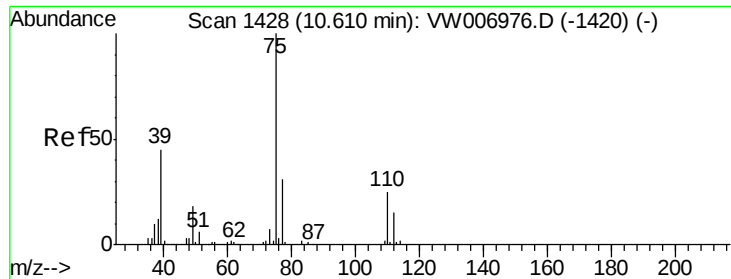
Tgt Ion: 92 Resp: 67930

Ion Ratio Lower Upper

92 100

91 171.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 22.913 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

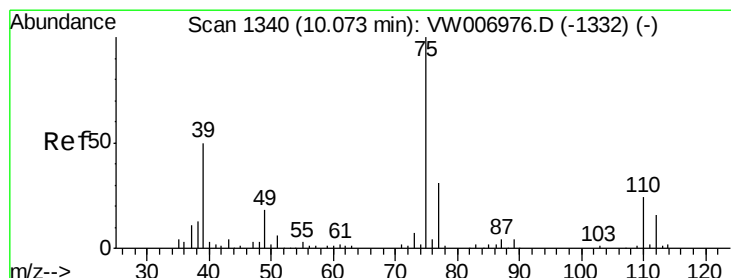
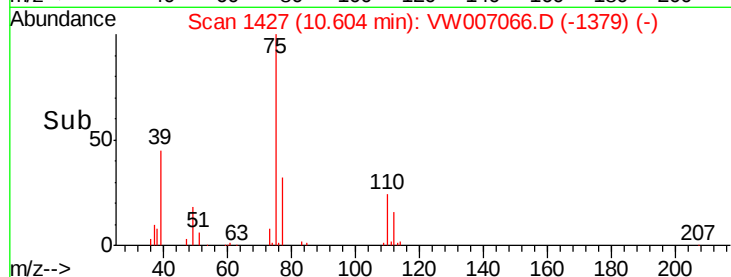
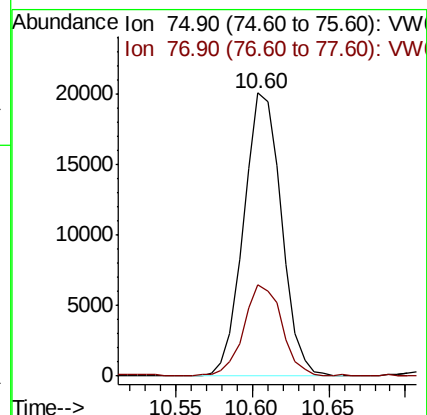
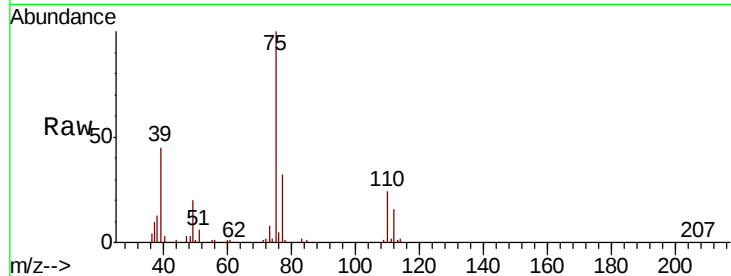
ClientSampled :

Tot Ion: 75 Resp: 34466

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 22.896 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

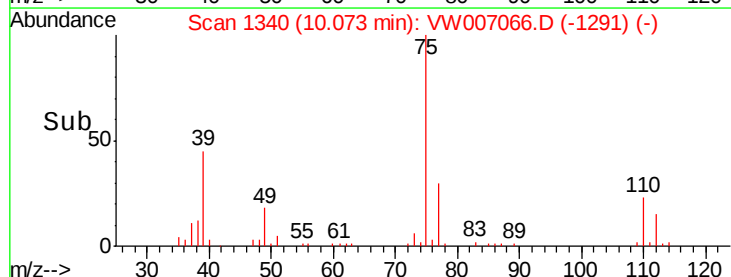
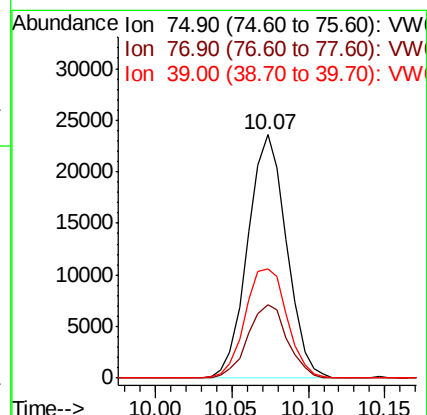
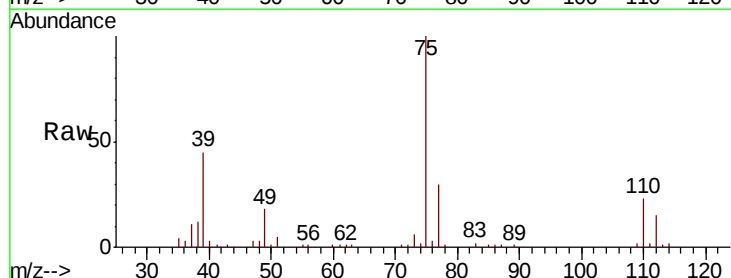
Tgt Ion: 75 Resp: 41609

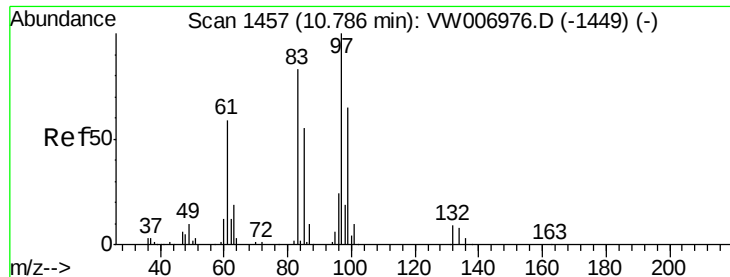
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6

39 45.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 23.784 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

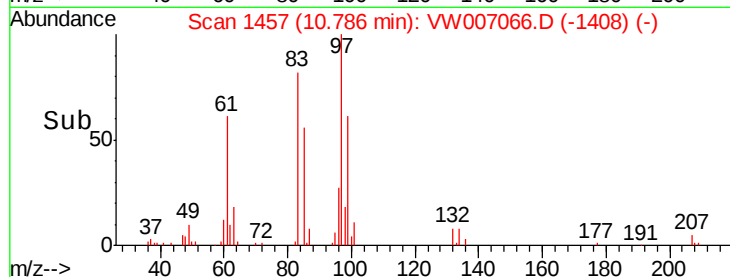
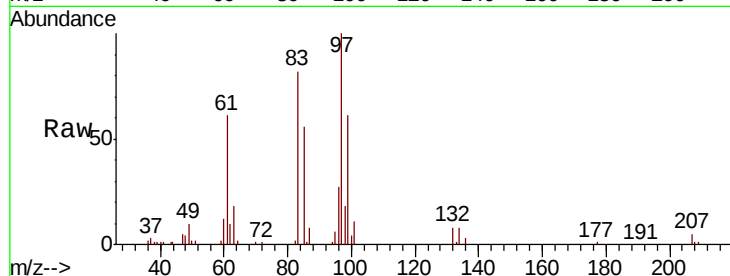
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 20624

Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.4	99.6
85	55.7	44.1	66.1
99	61.5	51.7	77.5

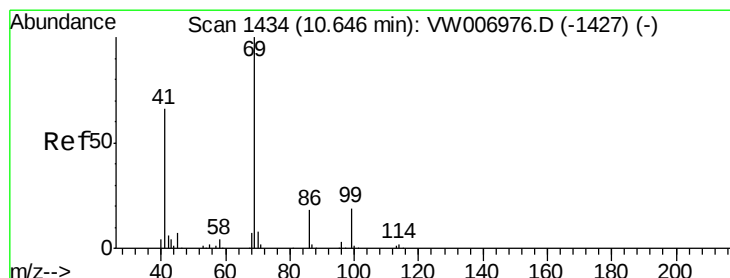
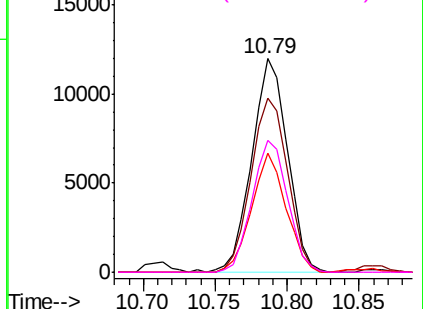


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 23.404 ug/l

RT: 10.65 min Scan# 1434

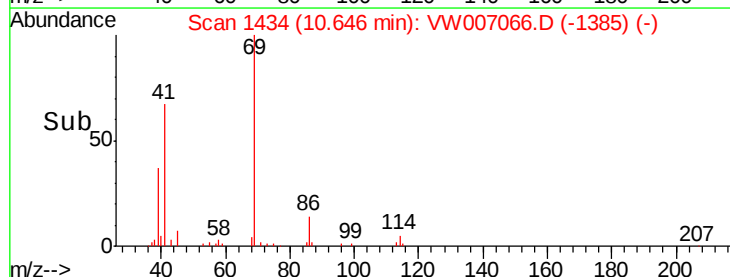
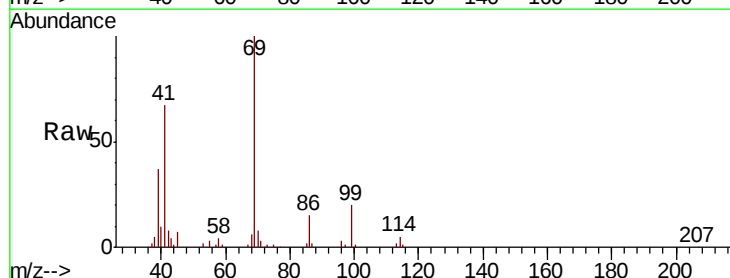
Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Tgt Ion: 69 Resp: 23557

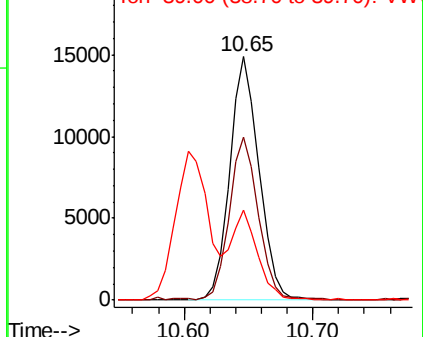
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.4	80.0
39	34.0	28.2	42.4

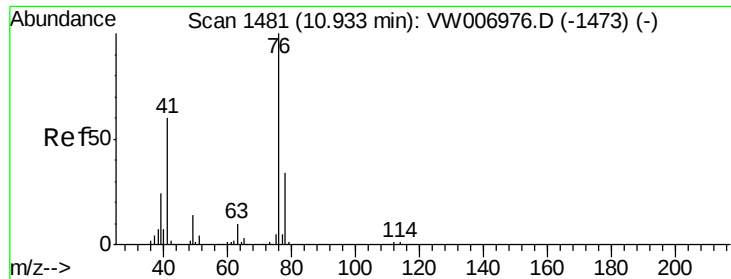


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

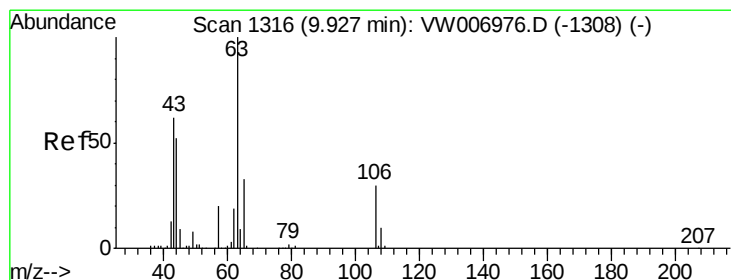
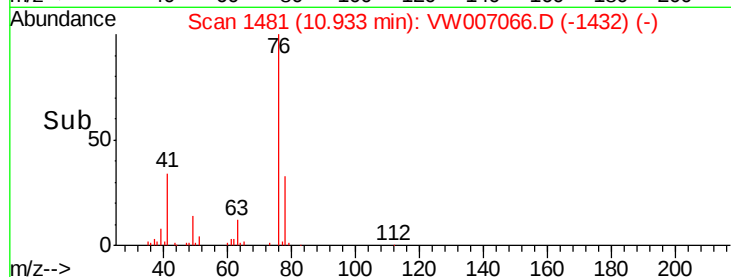
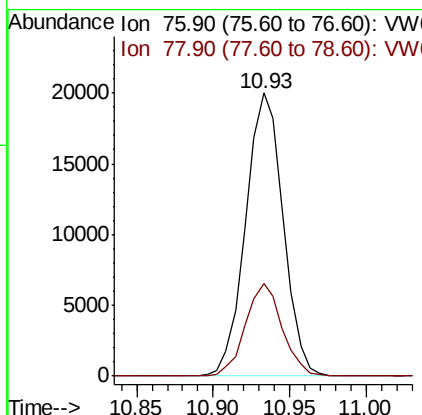
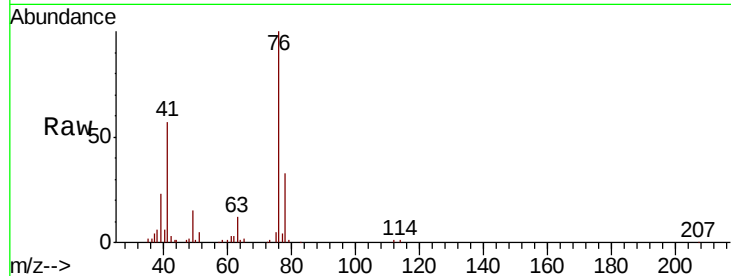




#57
 1,3-Dichloropropane
 Concen: 23.449 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

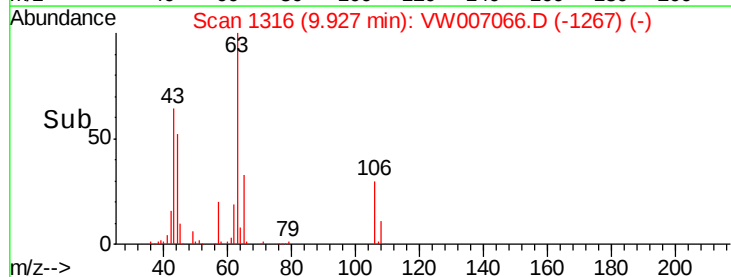
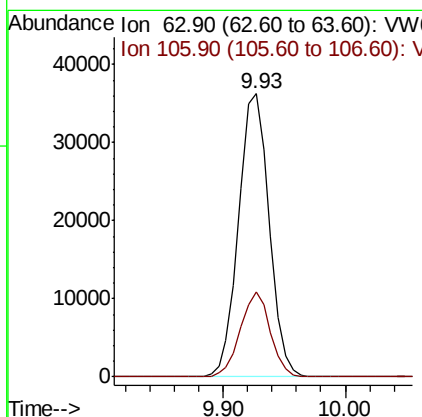
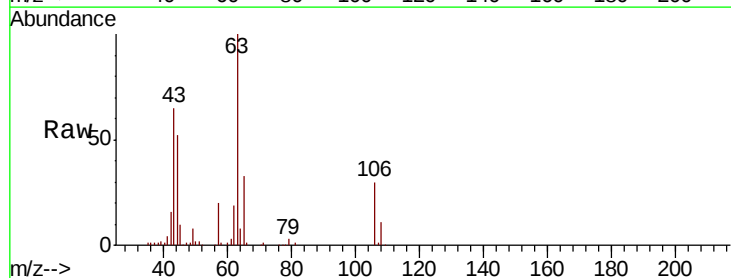
Instrument :
 MSVOA_W
 ClientSampled :

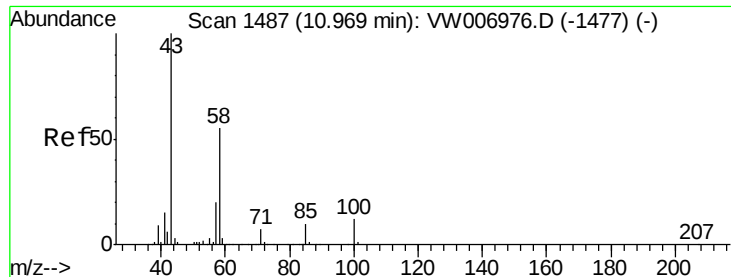
Tot Ion: 76 Resp: 34074
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.047 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 63 Resp: 63141
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.5 35.3

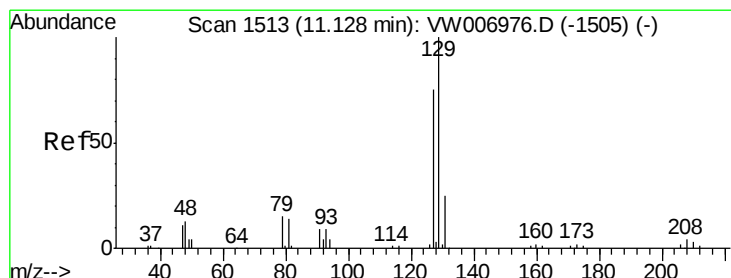
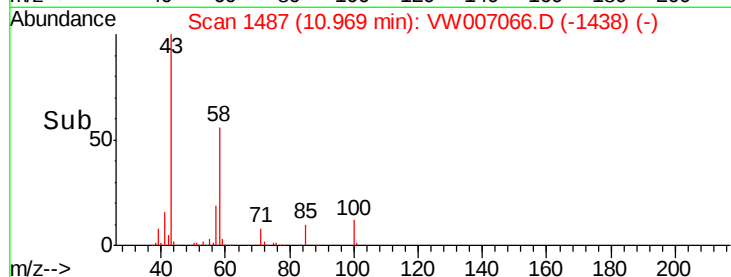
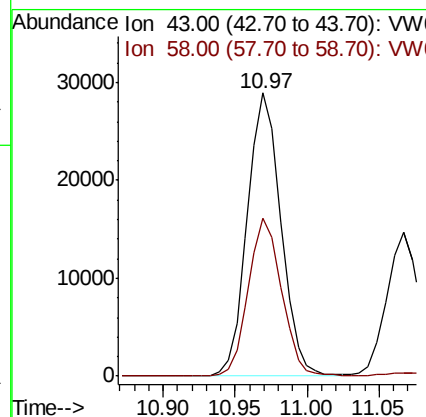
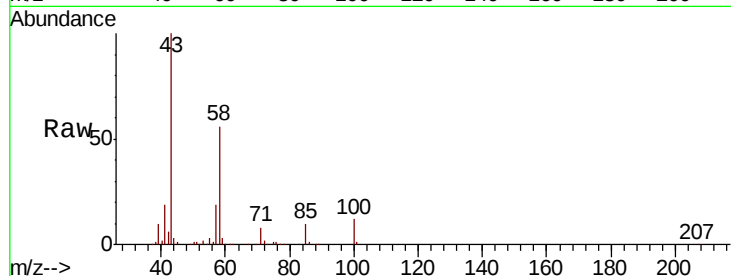




#59
2-Hexanone
Concen: 110.727 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

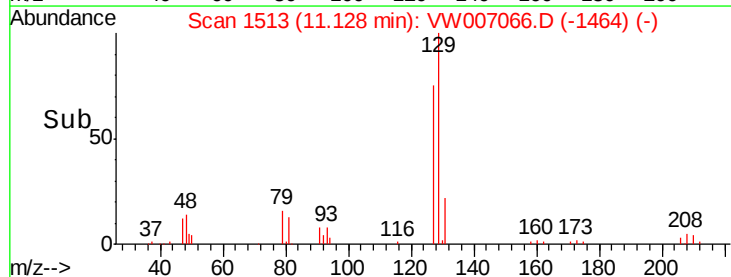
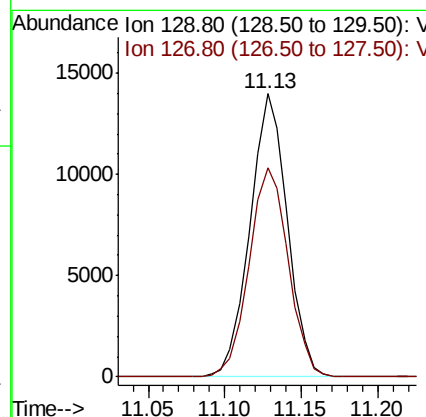
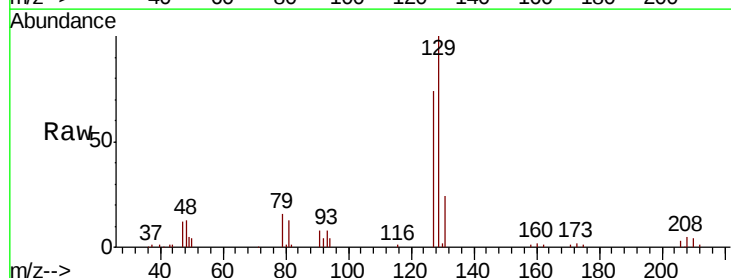
Instrument :
MSVOA_W
ClientSampleId :

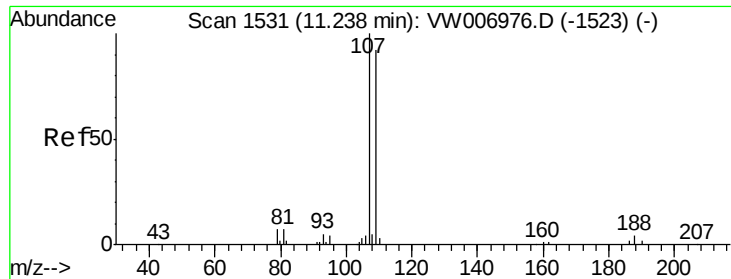
Tot Ion: 43 Resp: 46802
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 23.973 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 129 Resp: 23687
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

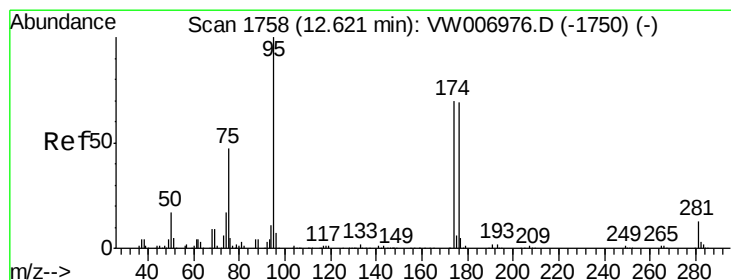
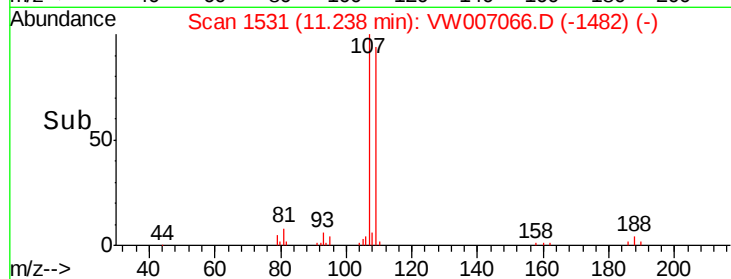
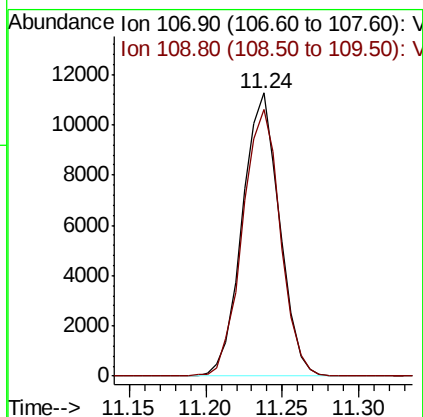
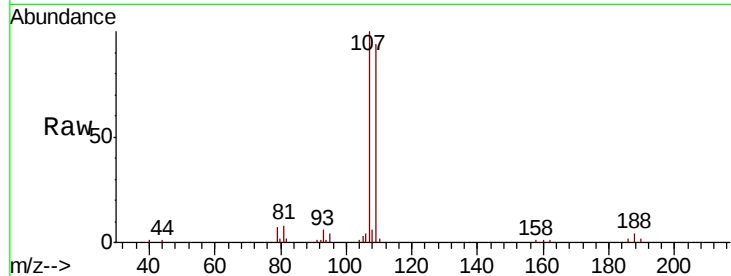




#61
 1,2-Dibromoethane
 Concen: 23.969 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

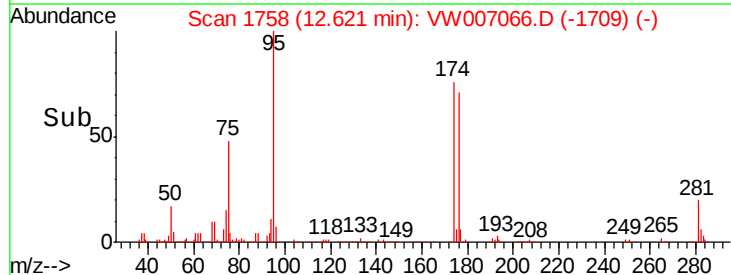
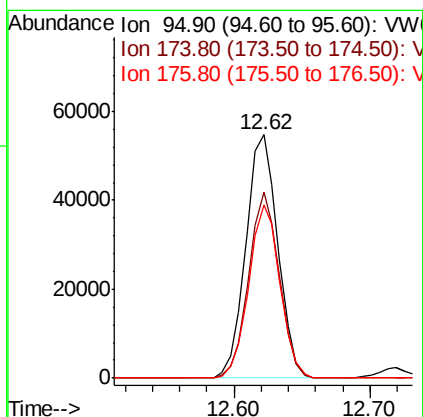
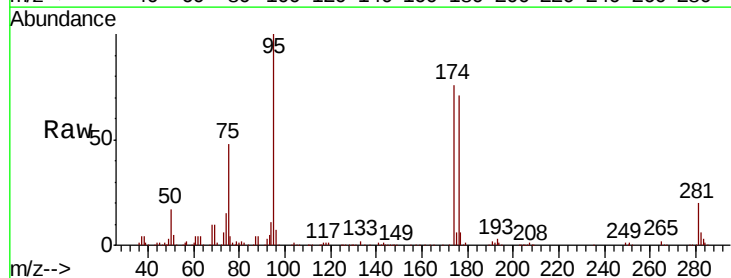
Instrument :
 MSVOA_W
 ClientSampleId :

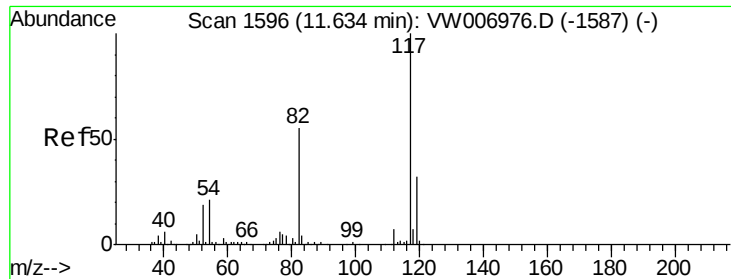
Tot Ion:107 Resp: 19013
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.577 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion: 95 Resp: 89832
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 143.6
 176 69.9 0.0 140.4

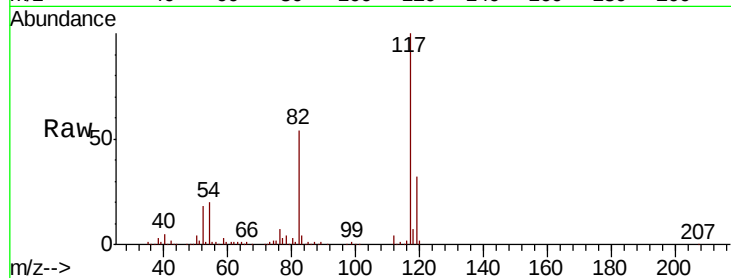




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	31.6	25.9	38.9

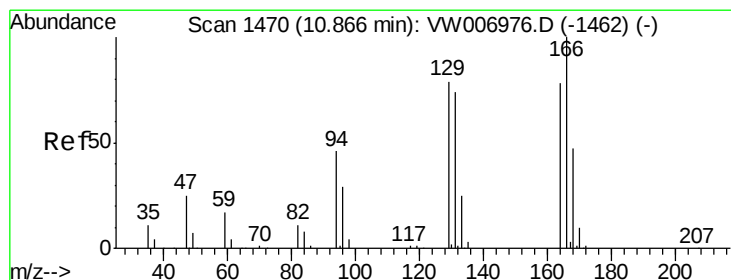
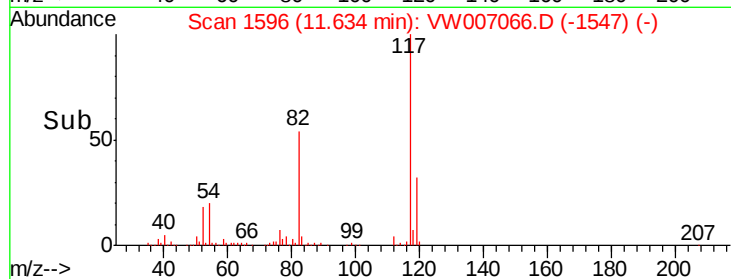
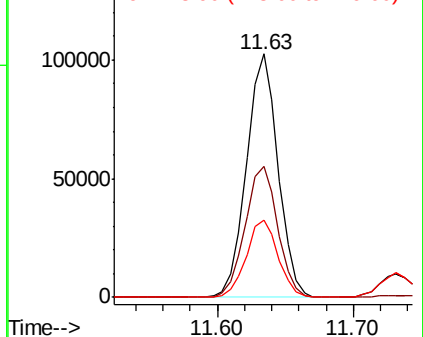


Abundance

Ion 116.90 (116.60 to 117.60): V

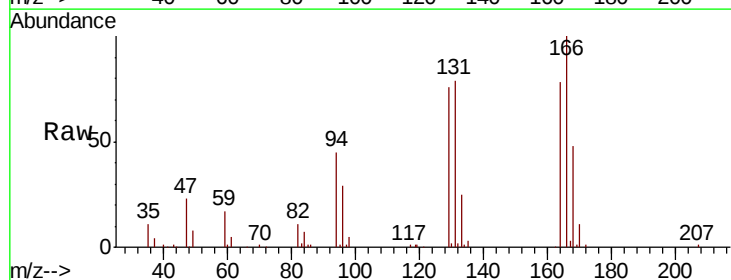
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.845 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.1	153.1
129	97.5	80.4	120.6
131	101.1	75.2	112.8



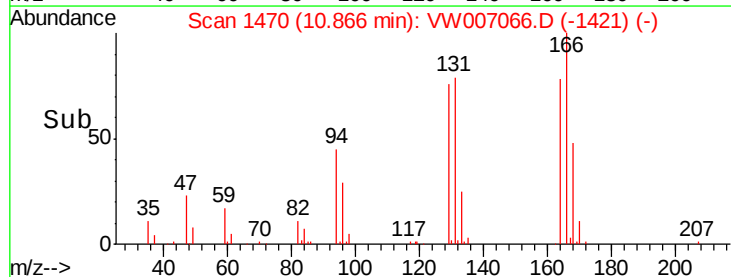
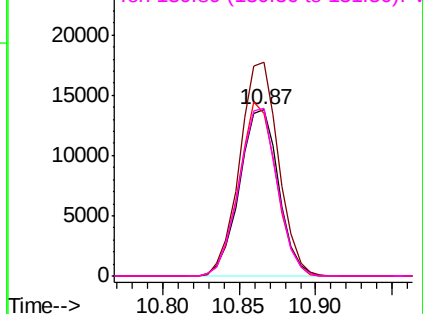
Abundance

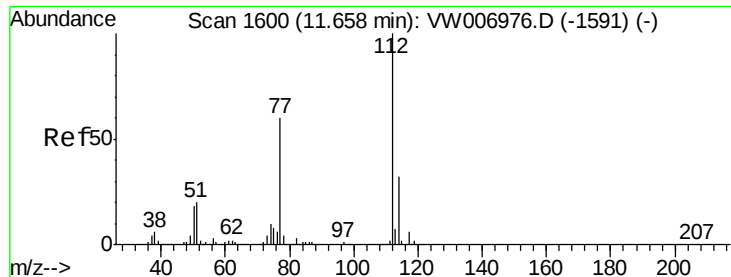
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

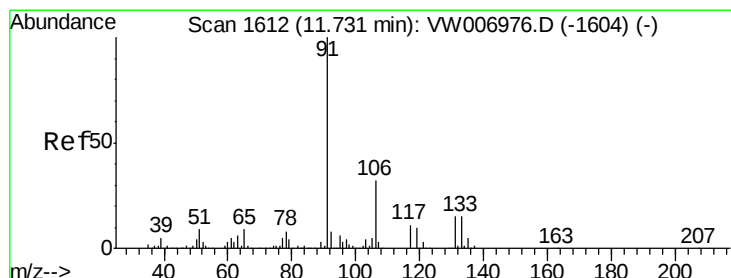
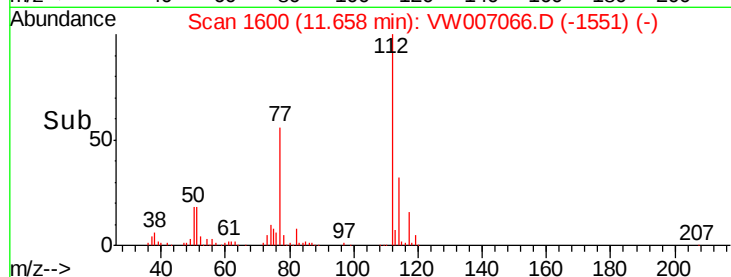
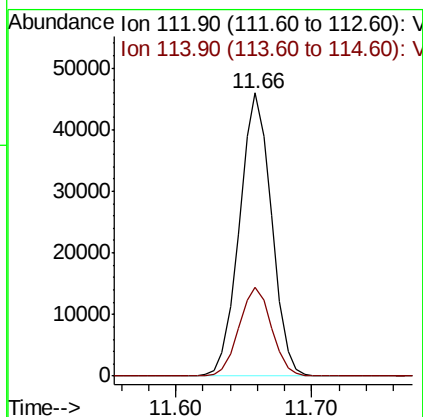
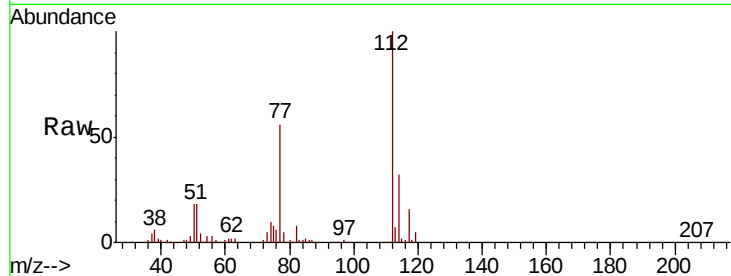




#65
Chlorobenzene
Concen: 21.756 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

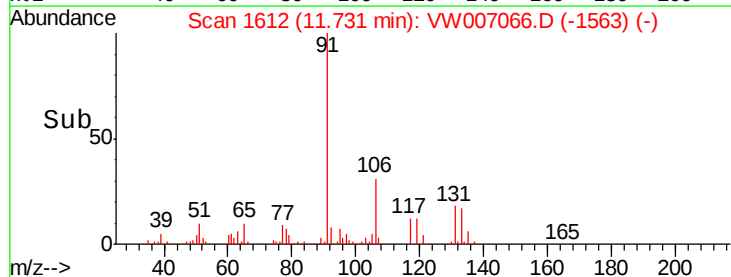
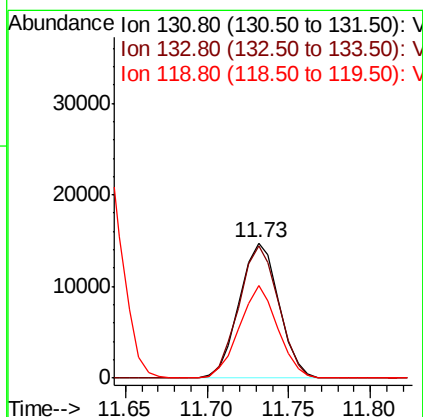
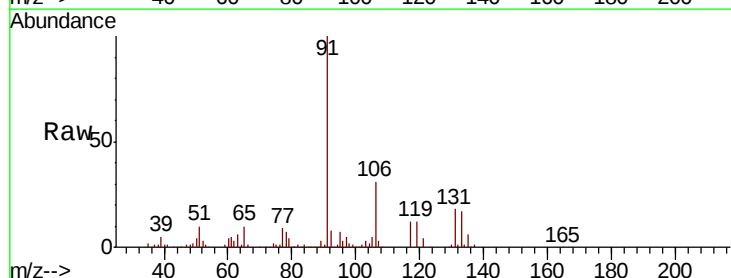
Instrument :
MSVOA_W
ClientSampled :

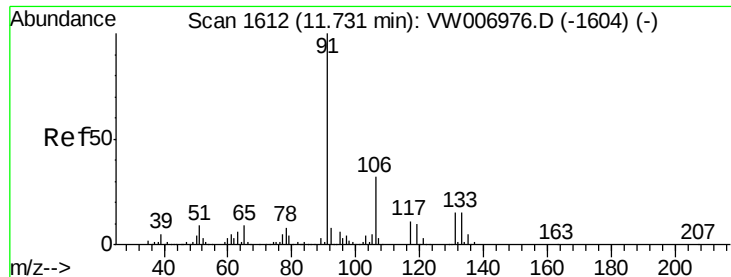
Tot Ion:112 Resp: 75586
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 23.865 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion:131 Resp: 25082
Ion Ratio Lower Upper
131 100
133 97.8 47.7 143.1
119 66.1 31.8 95.3

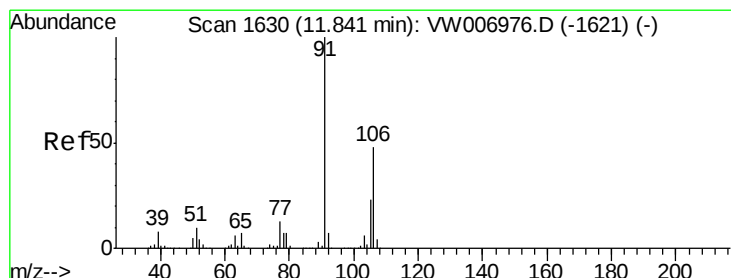
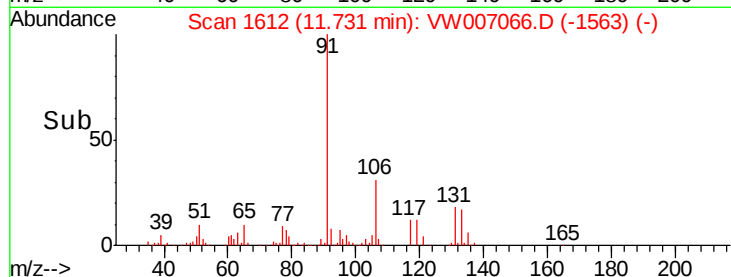
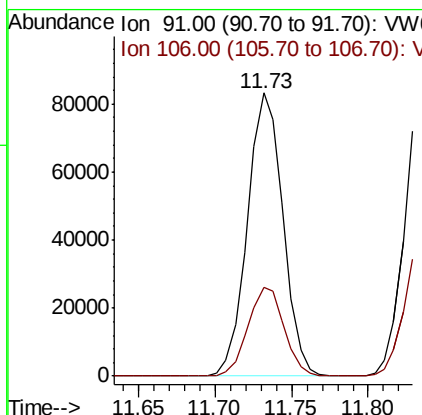
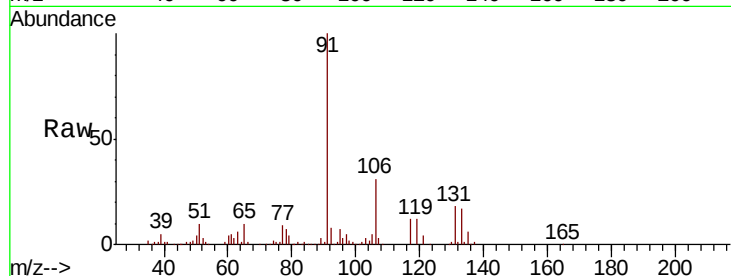




#67
Ethyl Benzene
Concen: 21.059 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

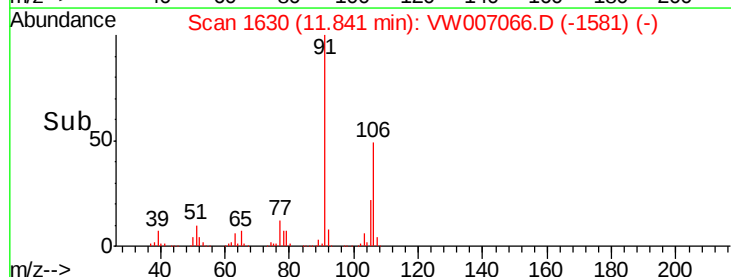
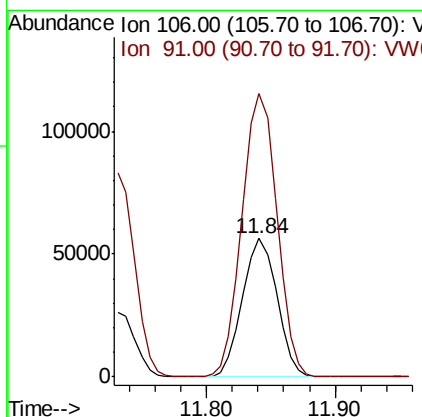
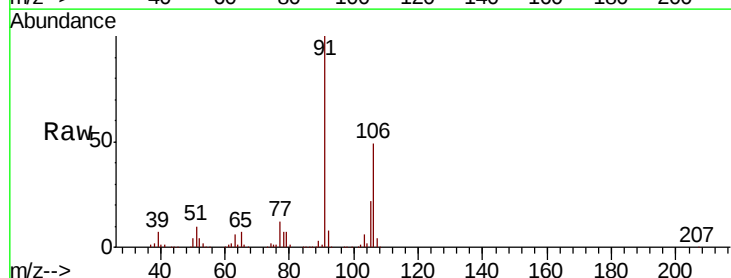
Instrument :
MSVOA_W
ClientSampled :

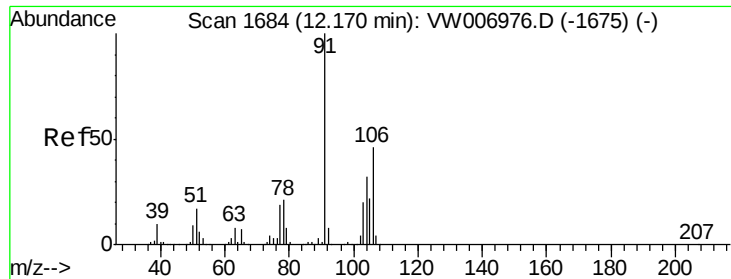
Tot Ion: 91 Resp: 134408
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 41.974 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion: 106 Resp: 105105
Ion Ratio Lower Upper
106 100
91 207.0 164.8 247.2

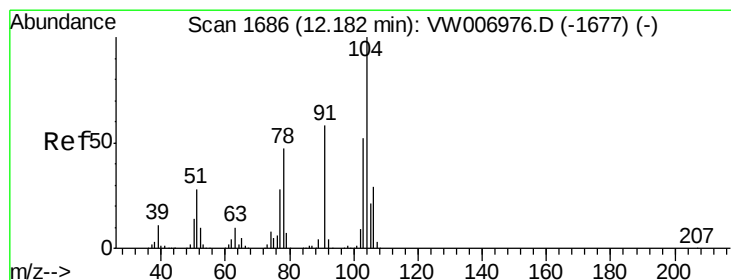
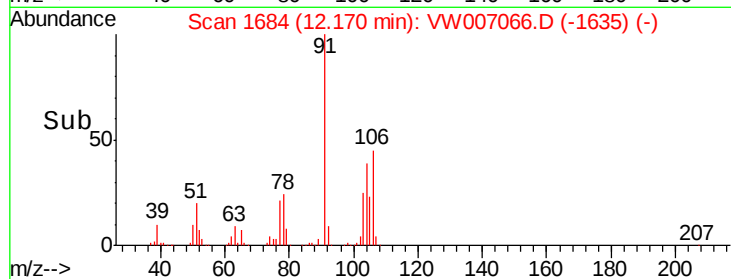
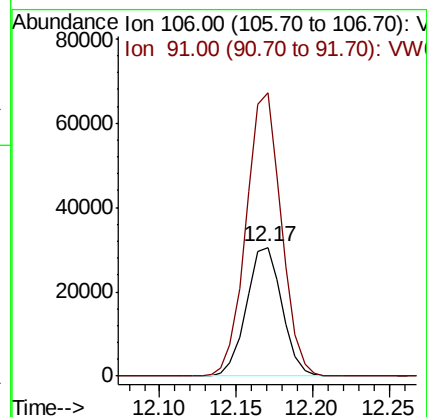
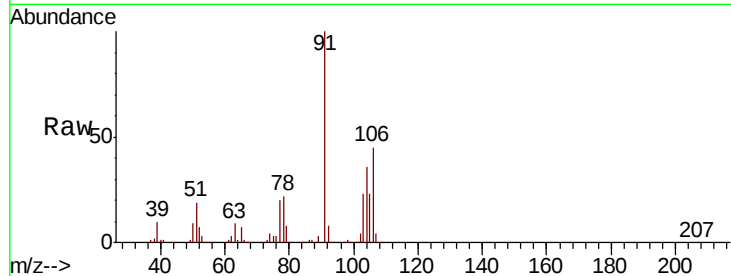




#69
o-Xylene
Concen: 20.941 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

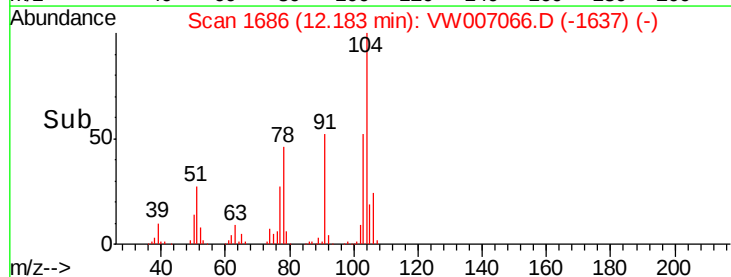
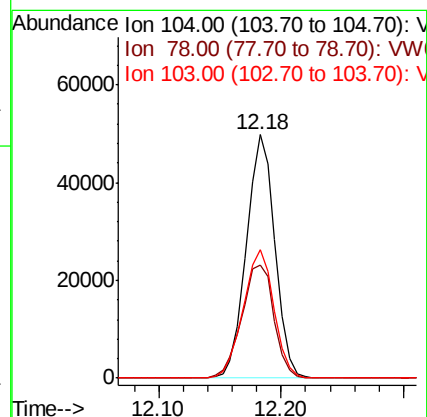
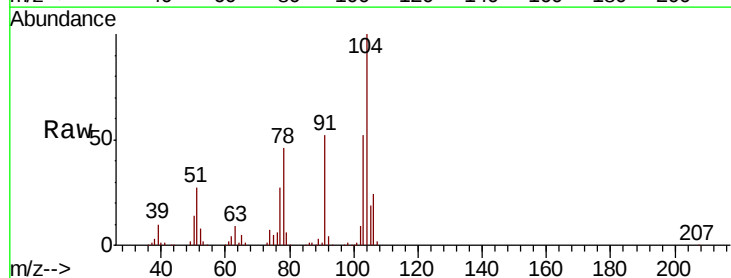
Instrument :
MSVOA_W
ClientSampled :

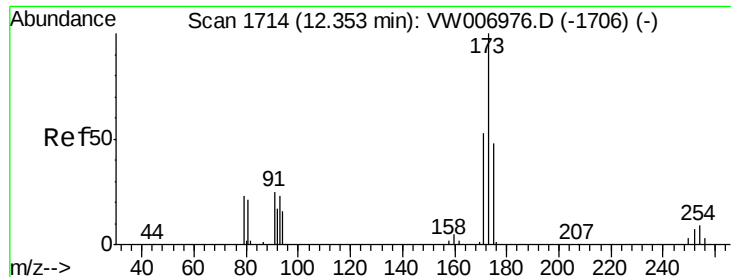
Tot Ion:106 Resp: 49444
Ion Ratio Lower Upper
106 100
91 216.9 107.9 323.8



#70
Styrene
Concen: 21.455 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion:104 Resp: 80626
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 56.5 44.4 66.6





#71

Bromoform

Concen: 24.366 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

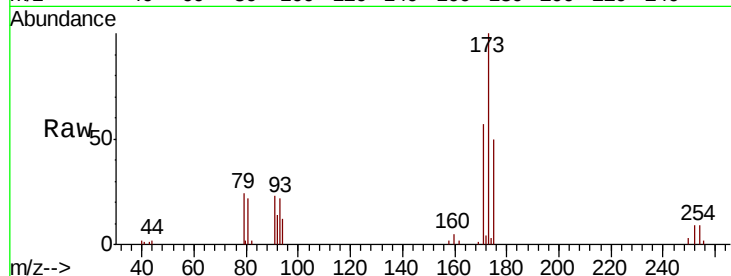
Tot Ion:173 Resp: 12064

Ion Ratio Lower Upper

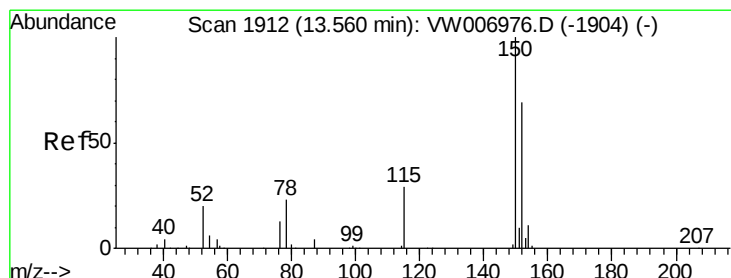
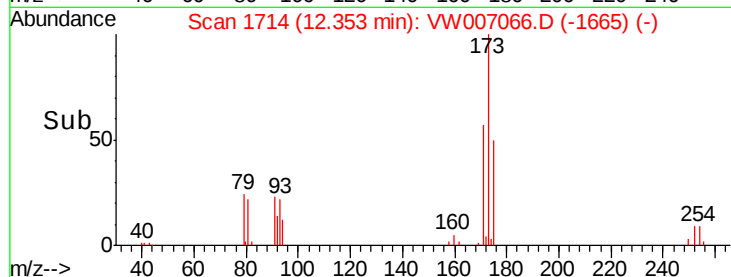
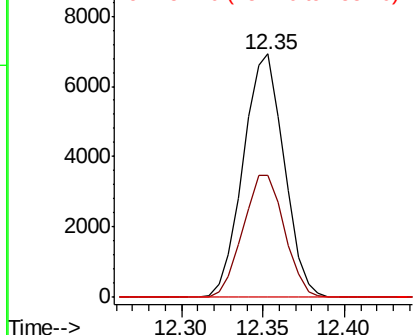
173 100

175 50.9 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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

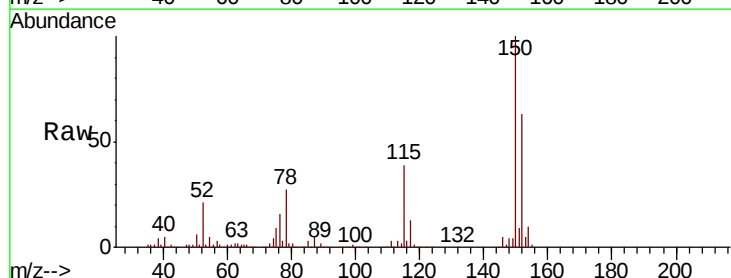
Tgt Ion:152 Resp: 85063

Ion Ratio Lower Upper

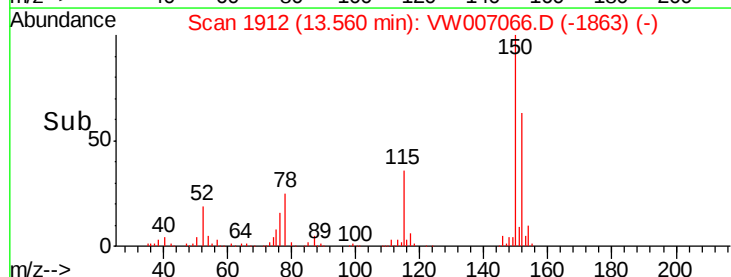
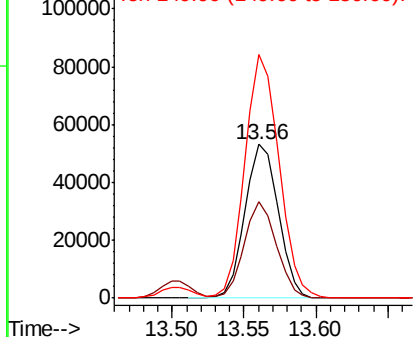
152 100

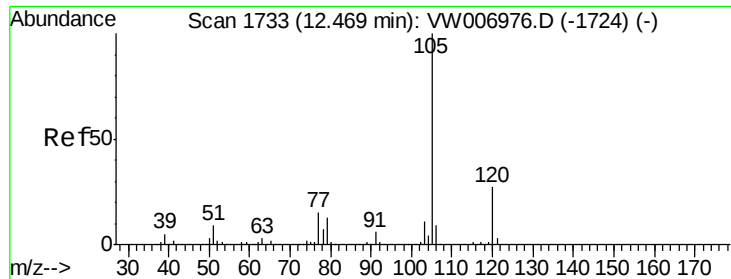
115 60.7 31.4 94.2

150 162.8 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: 20.555 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

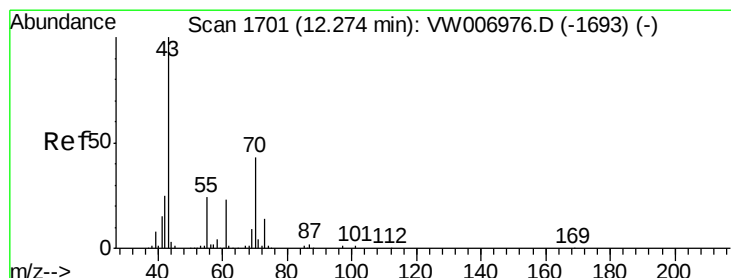
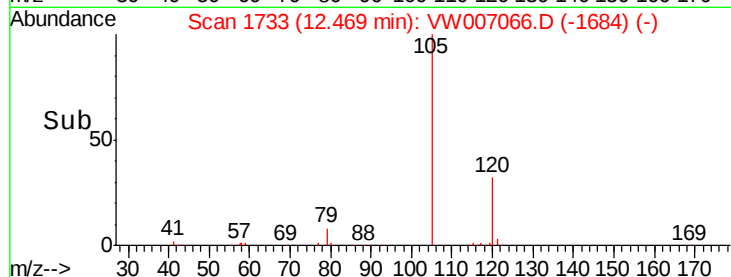
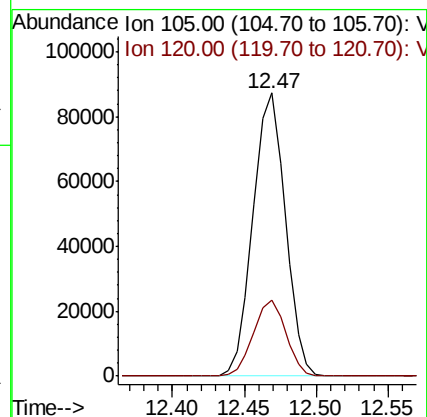
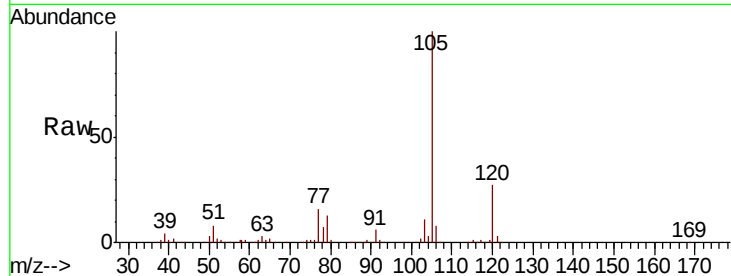
ClientSampleId :

Tot Ion:105 Resp: 135886

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 23.070 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Tgt Ion: 43 Resp: 25561

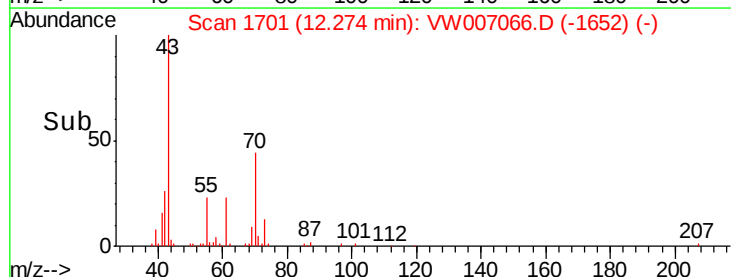
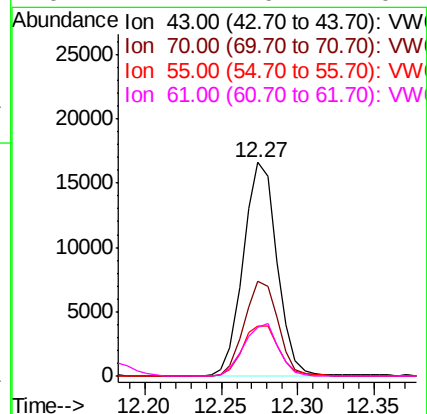
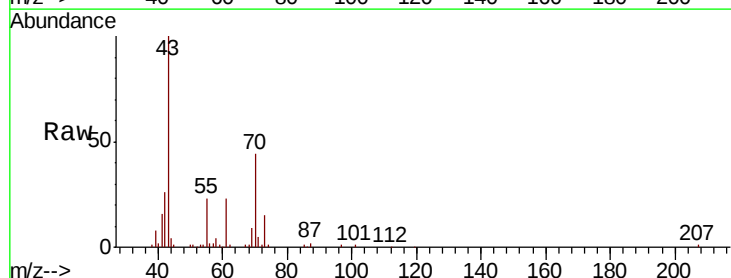
Ion Ratio Lower Upper

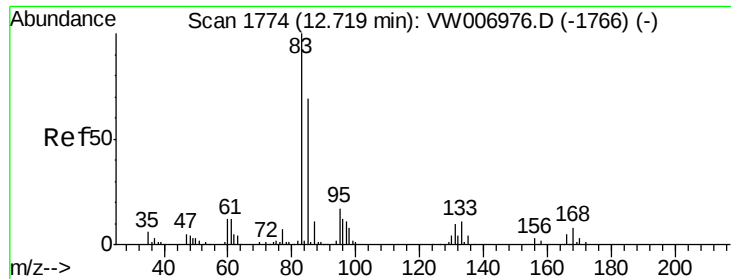
43 100

70 44.0 34.0 51.0

55 25.4 19.4 29.0

61 24.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 23.649 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

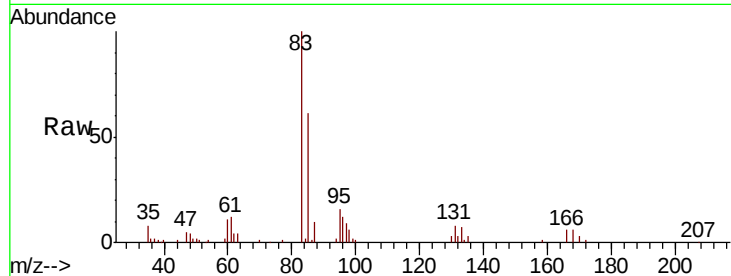
Tot Ion: 83 Resp: 20807

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	64.1	33.1	99.2

83 100

131 10.9 5.7 17.1

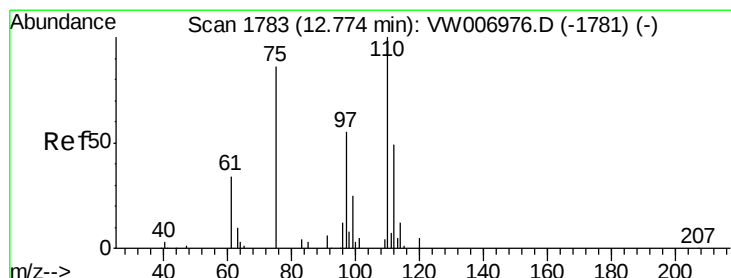
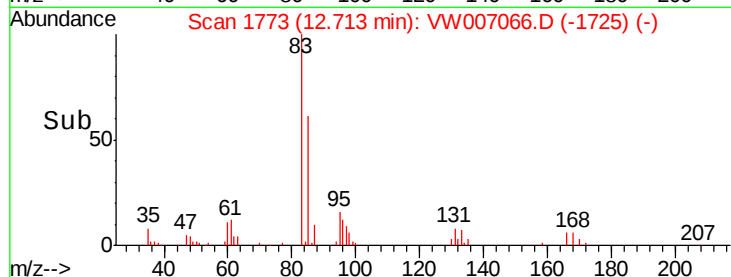
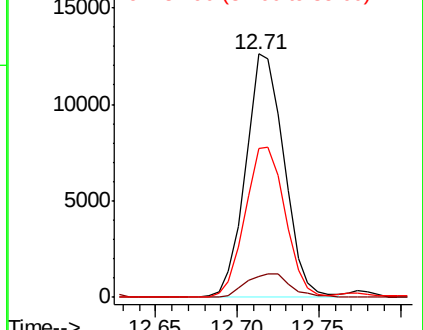
85 64.1 33.1 99.2



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: 41.640 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007066.D

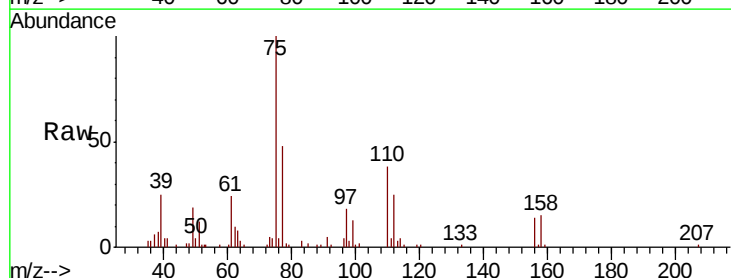
Acq: 27 Nov 2018 01:20

Tgt Ion: 75 Resp: 27833

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

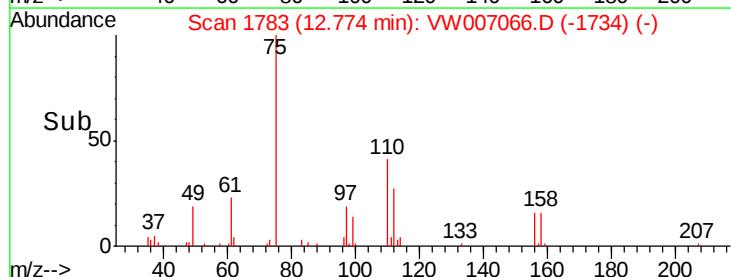
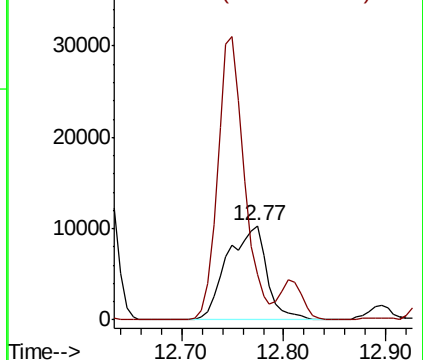
75 100

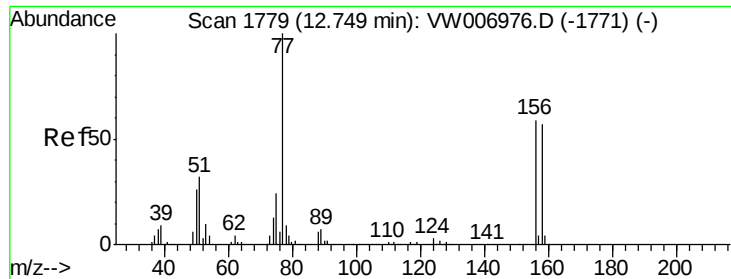
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.695 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampleId :

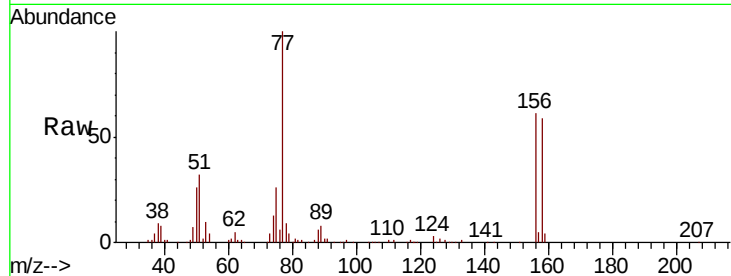
Tot Ion:156 Resp: 30805

Ion Ratio Lower Upper

156 100

77 183.3 94.6 283.8

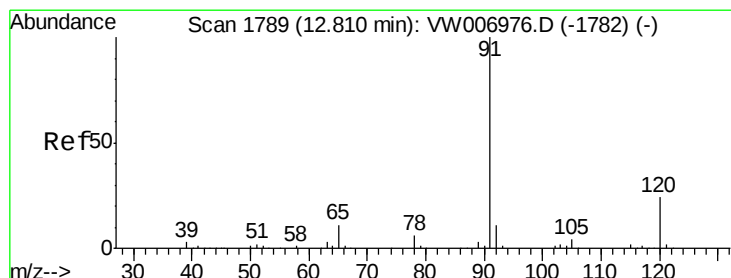
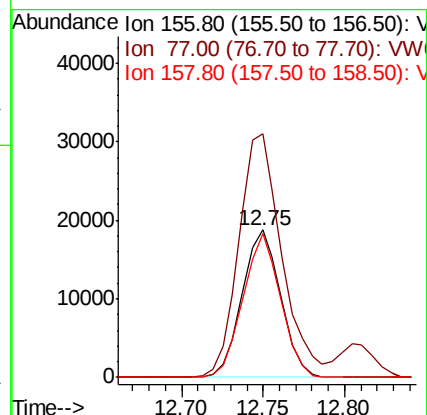
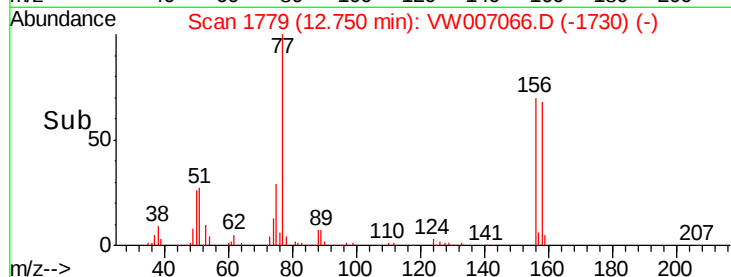
158 95.0 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.203 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007066.D

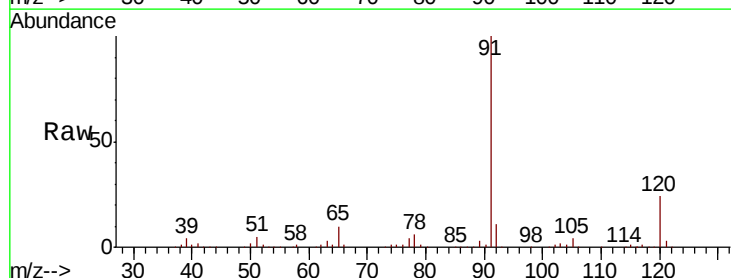
Acq: 27 Nov 2018 01:20

Tgt Ion: 91 Resp: 161783

Ion Ratio Lower Upper

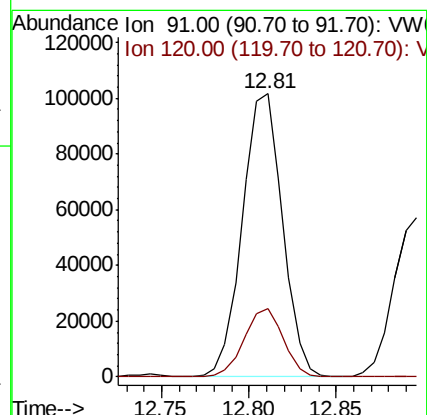
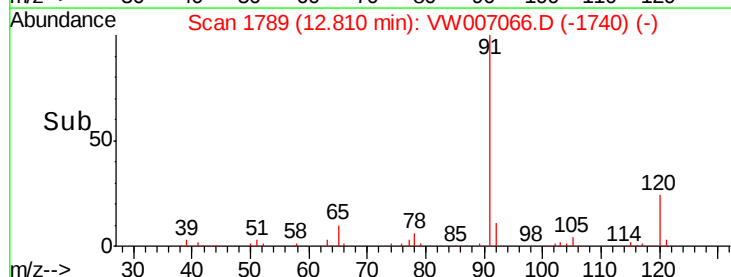
91 100

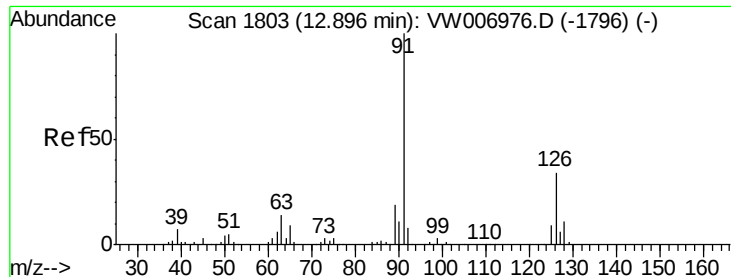
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.549 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

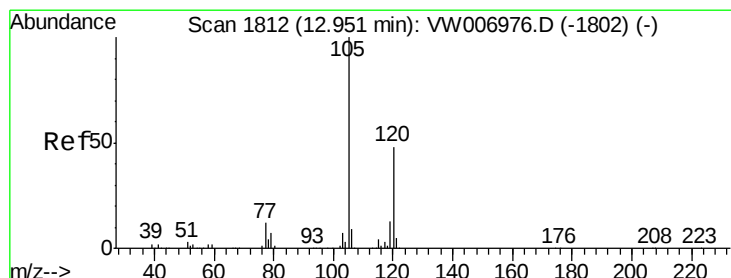
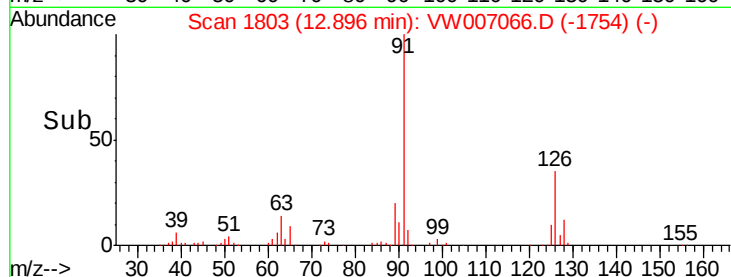
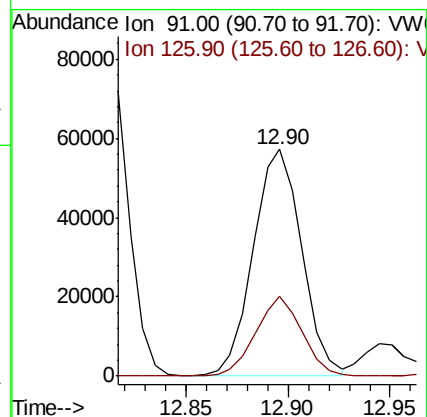
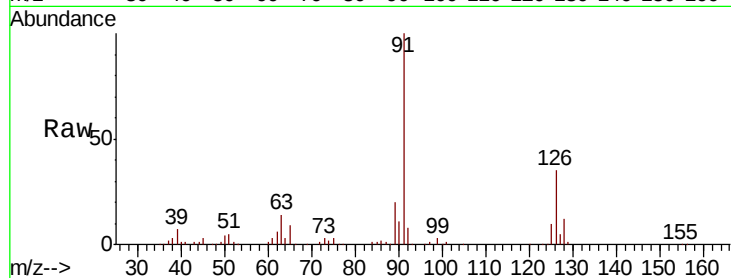
ClientSampled :

Tot Ion: 91 Resp: 94882

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.439 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007066.D

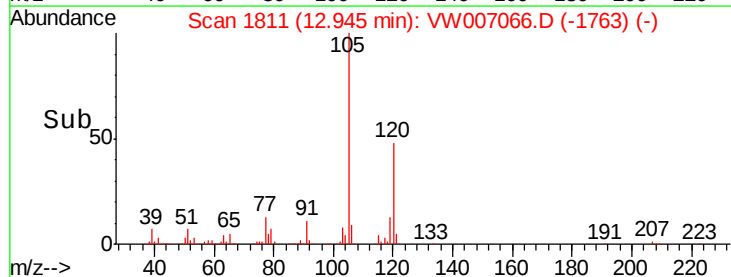
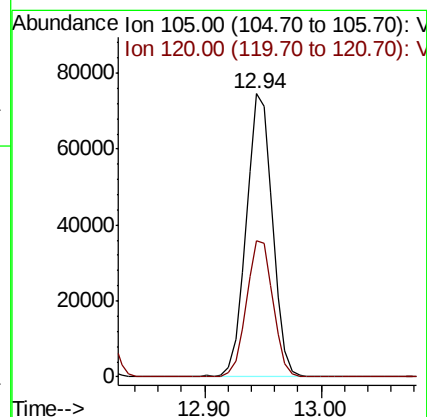
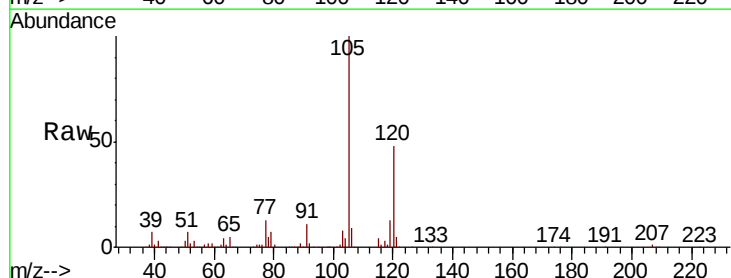
Acq: 27 Nov 2018 01:20

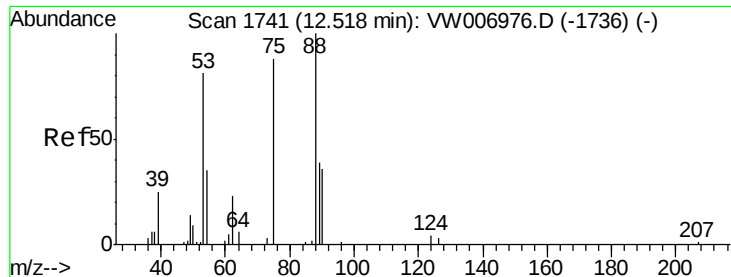
Tgt Ion:105 Resp: 116849

Ion Ratio Lower Upper

105 100

120 48.8 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.194 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

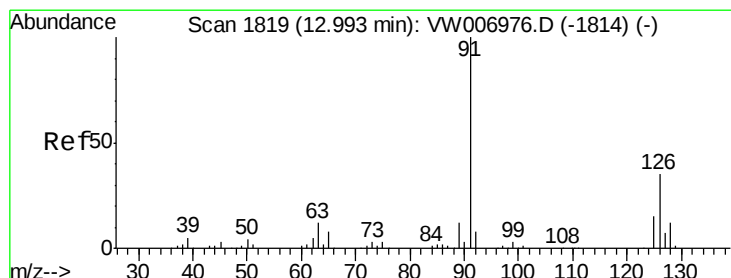
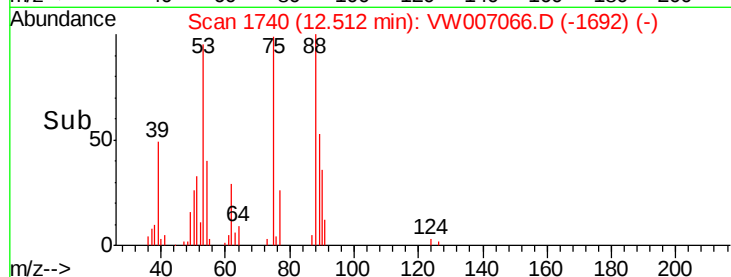
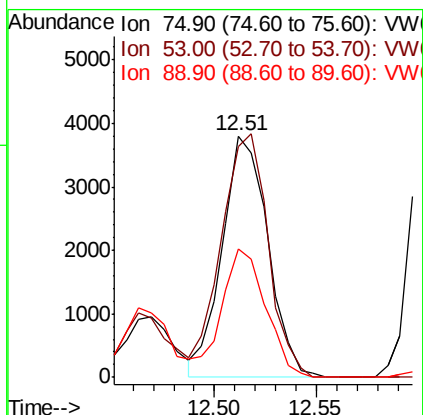
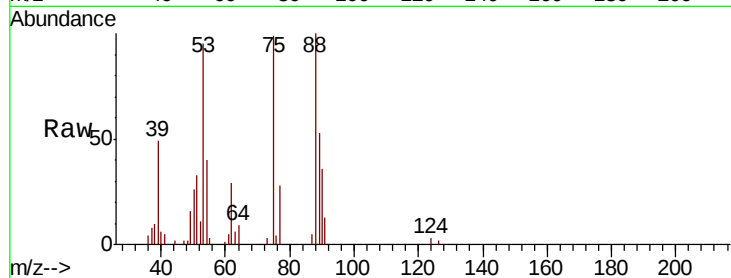
Tot Ion: 75 Resp: 5909

Ion Ratio Lower Upper

75 100

53 103.5 77.6 116.4

89 51.5 39.3 58.9



#82

4-Chlorotoluene

Concen: 20.430 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007066.D

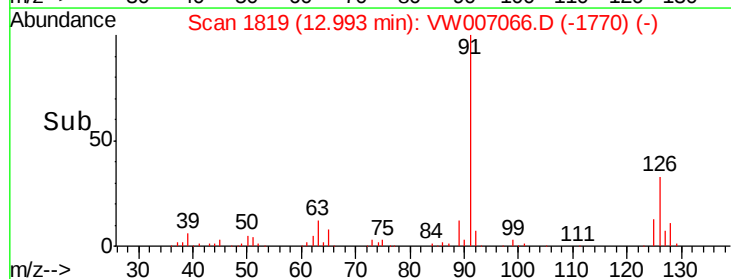
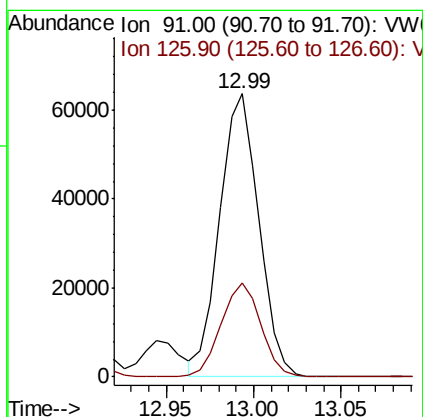
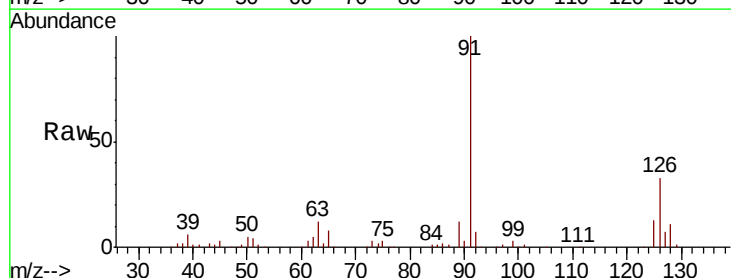
Acq: 27 Nov 2018 01:20

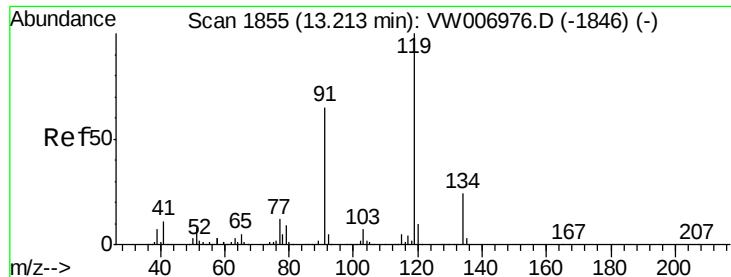
Tgt Ion: 91 Resp: 98990

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.7

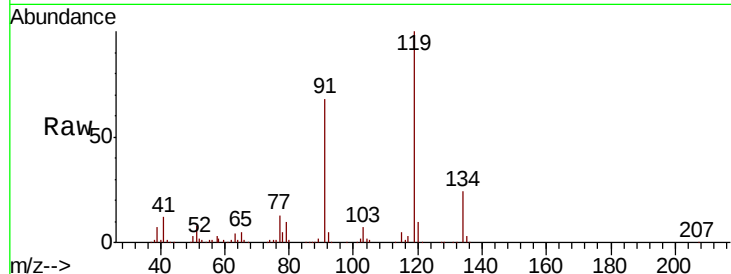




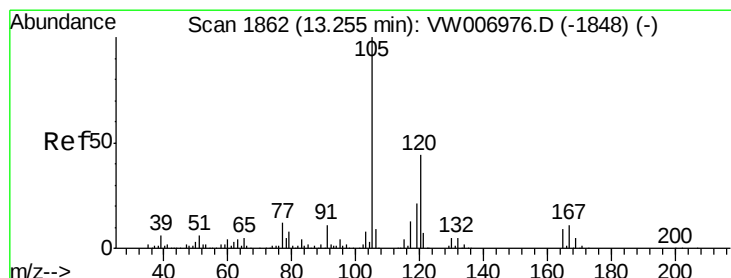
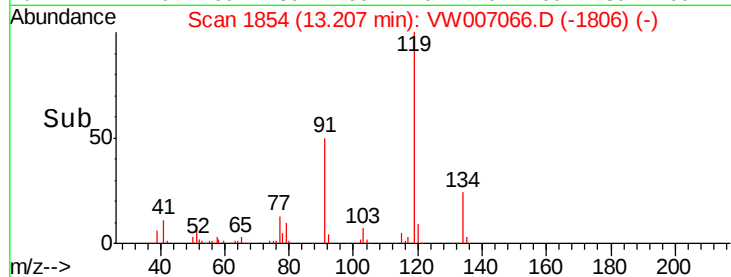
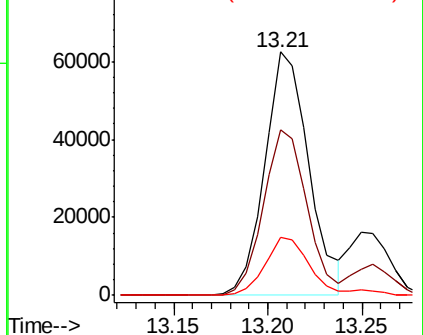
#83
tert-Butylbenzene
Concen: 20.547 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 101696
Ion Ratio Lower Upper
119 100
91 66.8 33.5 100.5
134 25.0 12.6 37.8

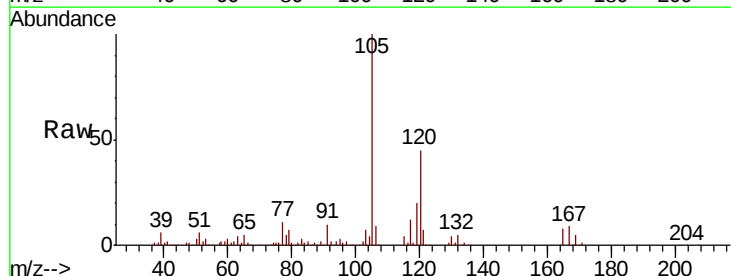


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

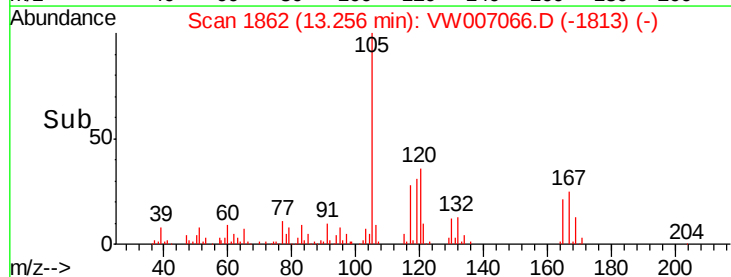
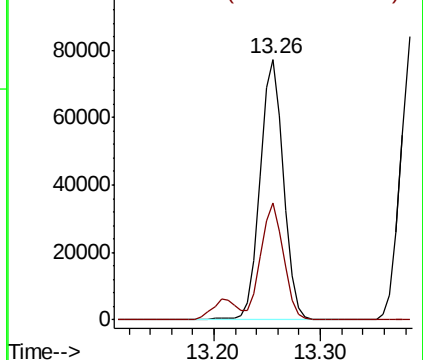


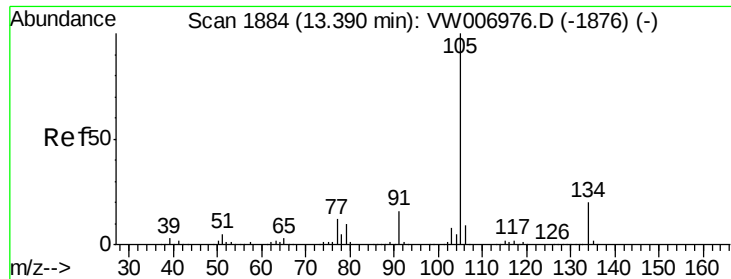
#84
1,2,4-Trimethylbenzene
Concen: 20.928 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion:105 Resp: 119201
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

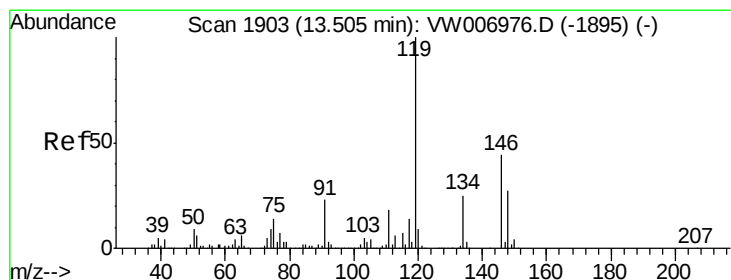
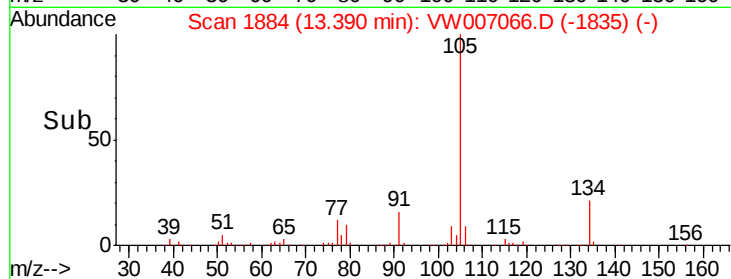
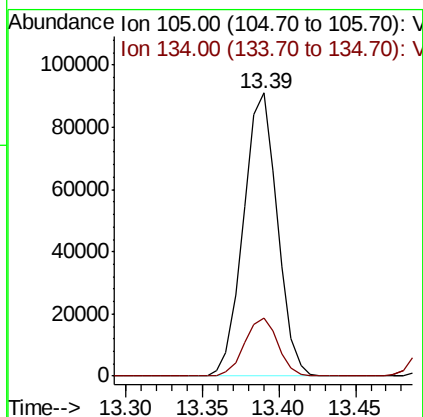
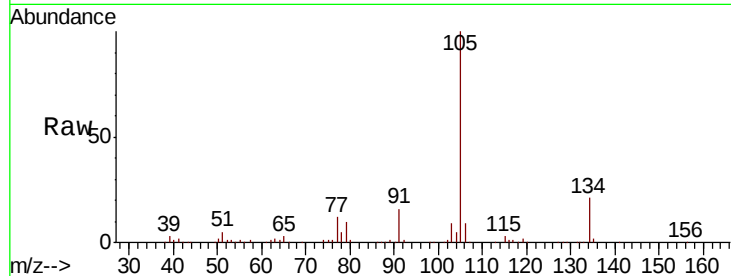




#85
 sec-Butylbenzene
 Concen: 20.042 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

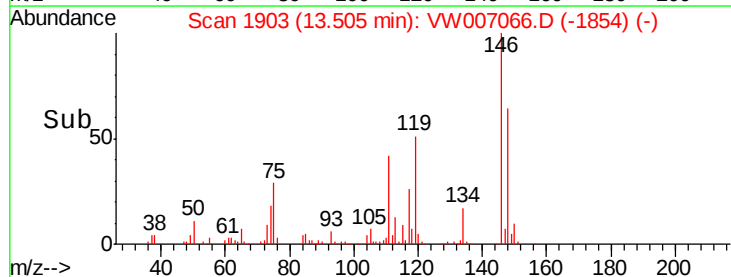
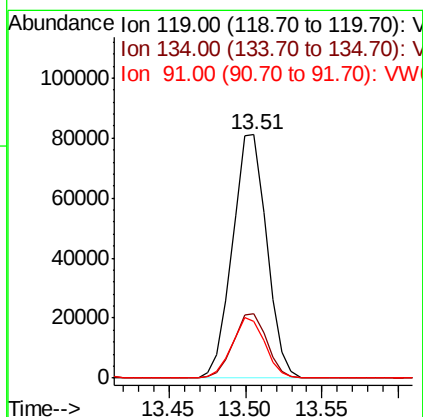
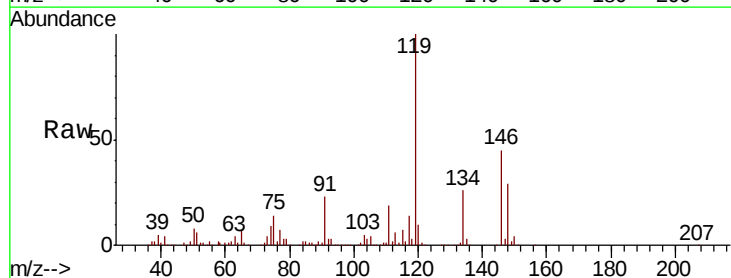
Instrument :
 MSVOA_W
 ClientSampled :

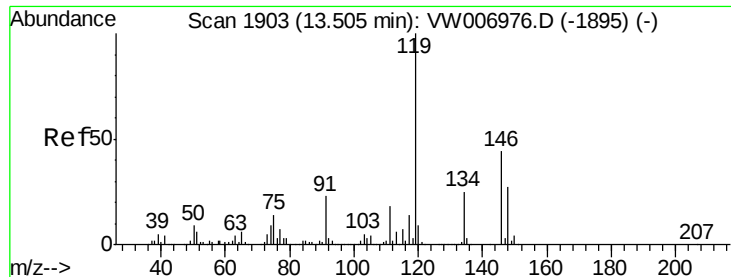
Tot Ion:105 Resp: 140138
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.414 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion:119 Resp: 125929
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.0 12.2 36.6

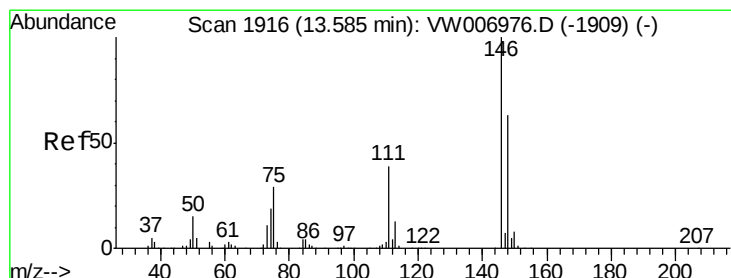
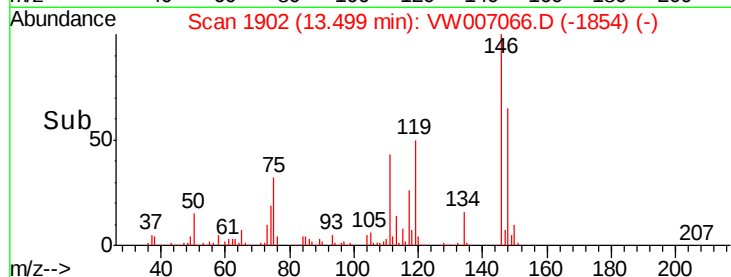
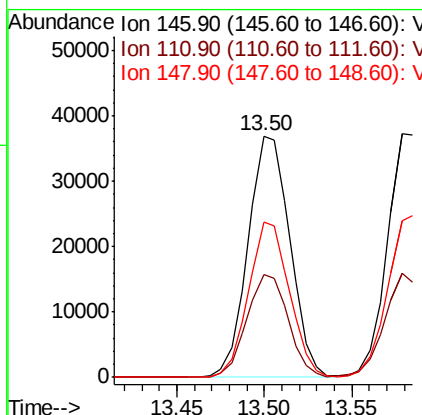
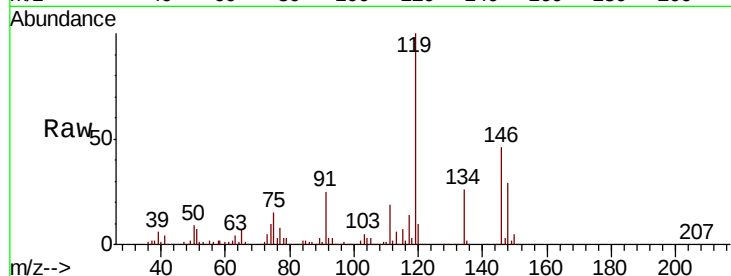




#87
 1,3-Dichlorobenzene
 Concen: 21.164 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

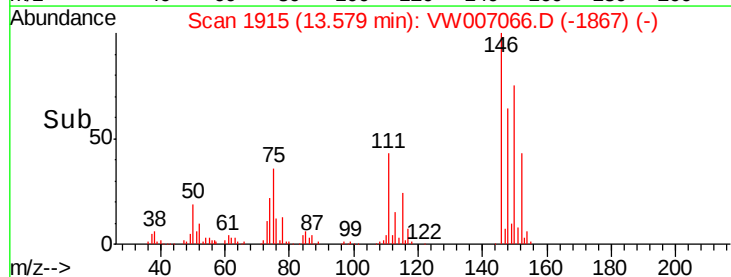
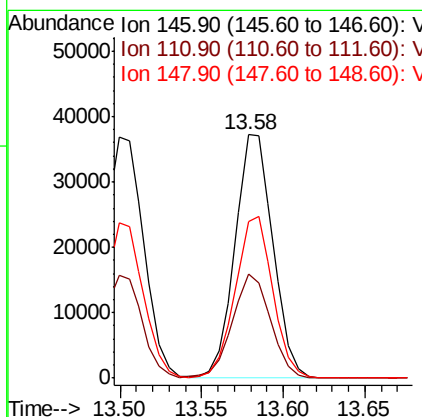
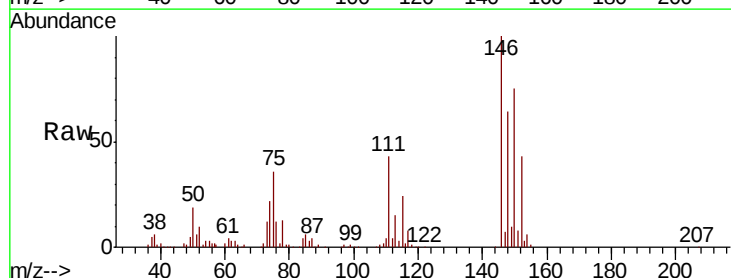
Instrument :
 MSVOA_W
 ClientSampleId :

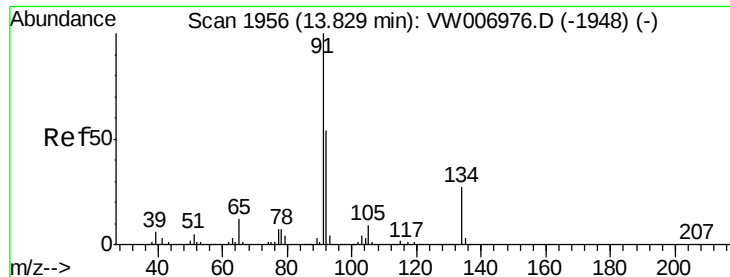
Tot Ion:146 Resp: 61351
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.852 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion:146 Resp: 60267
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.8
 148 65.8 32.3 96.8





#89

n-Butylbenzene

Concen: 20.150 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

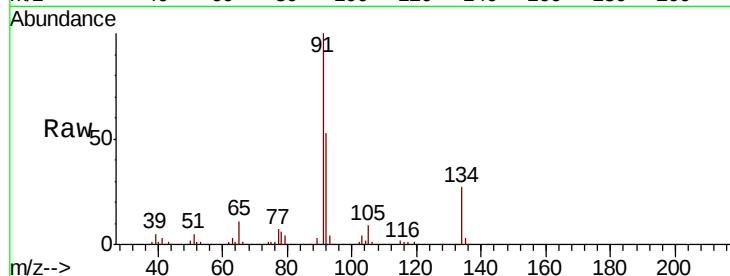
Tot Ion: 91 Resp: 116976

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

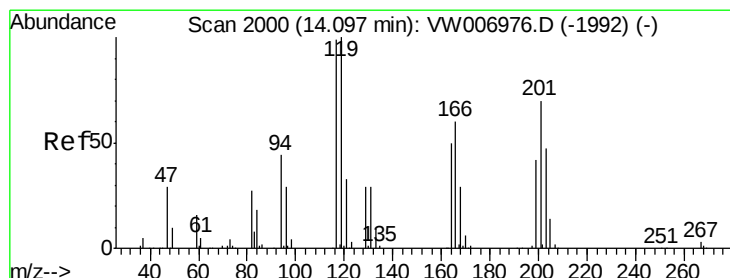
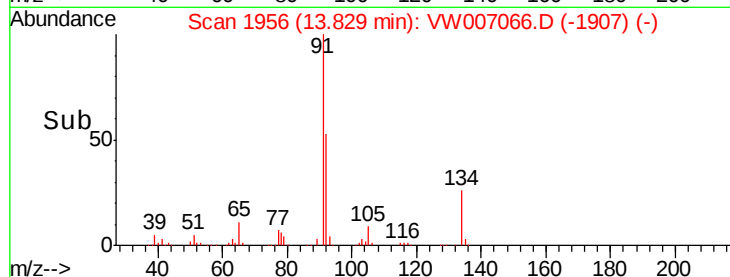
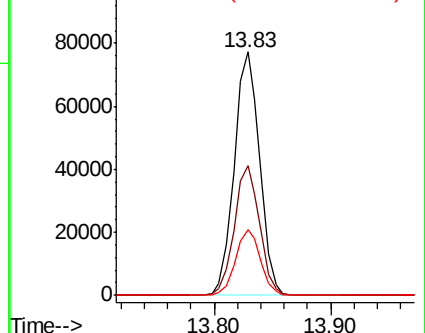
134 26.3 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.680 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007066.D

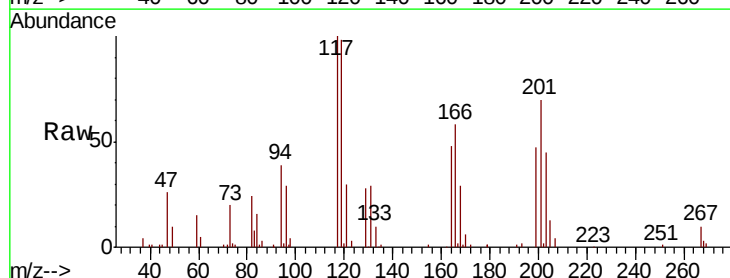
Acq: 27 Nov 2018 01:20

Tgt Ion: 117 Resp: 19525

Ion Ratio Lower Upper

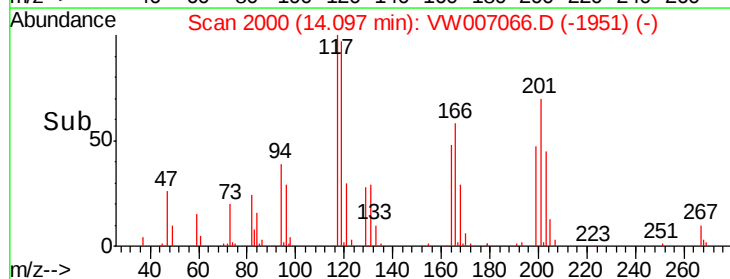
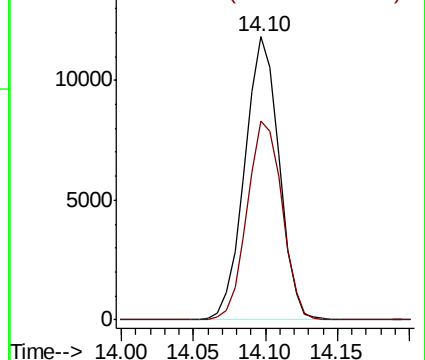
117 100

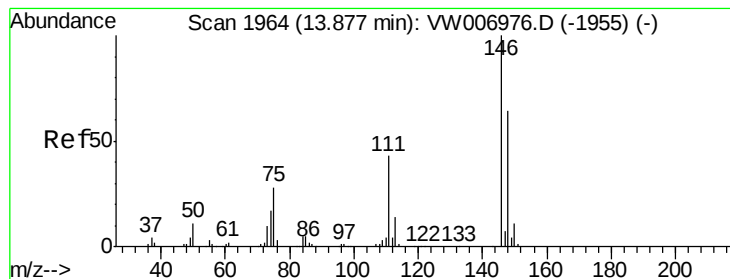
201 71.3 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.216 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

Instrument :

MSVOA_W

ClientSampled :

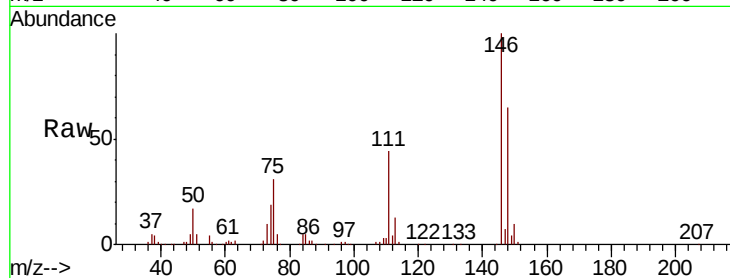
Tot Ion:146 Resp: 53890

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

148 64.1 32.2 96.6

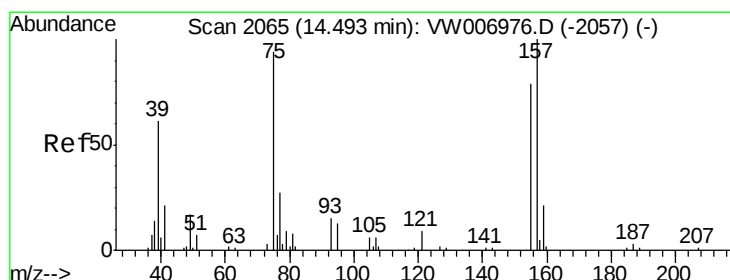
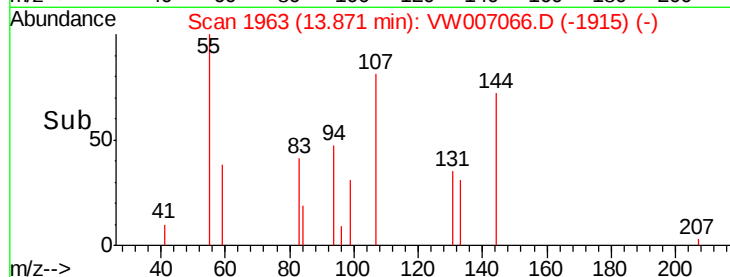
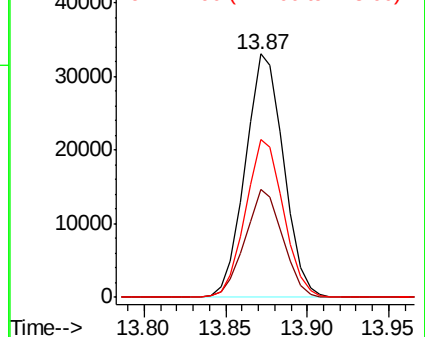


Abundance

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: 23.204 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW007066.D

Acq: 27 Nov 2018 01:20

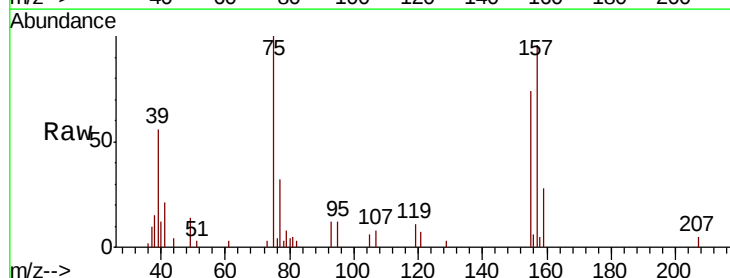
Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

155 78.3 42.6 127.8

157 99.9 55.0 165.0

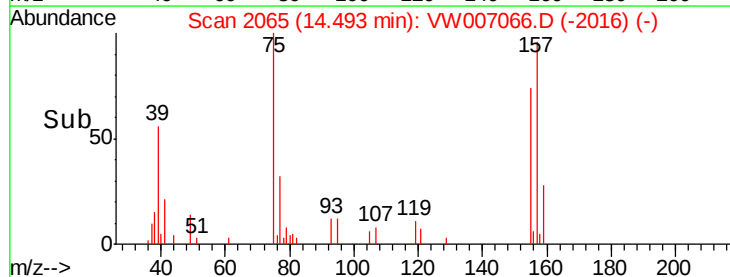
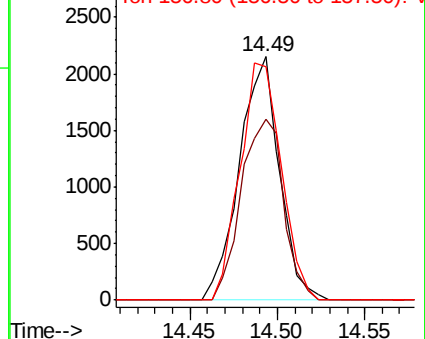


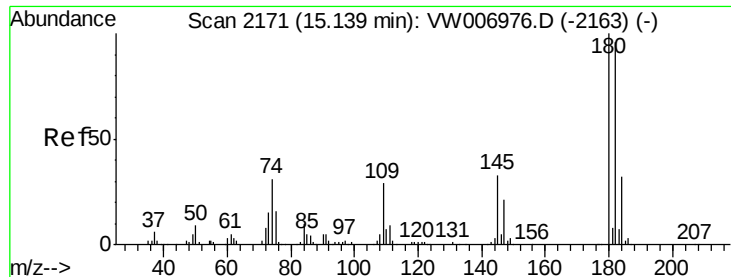
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

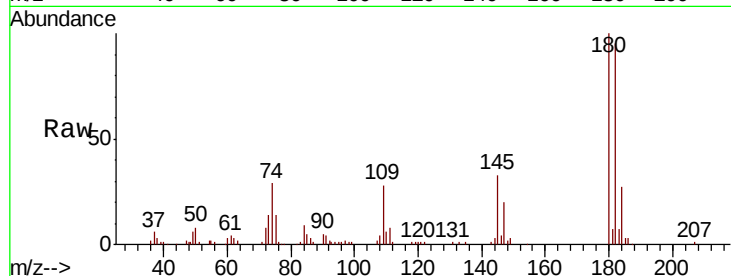




#93
 1,2,4-Trichlorobenzene
 Concen: 20.915 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.3
145	33.1	16.5	49.5

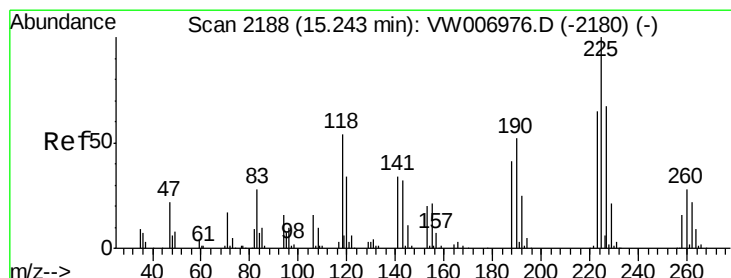
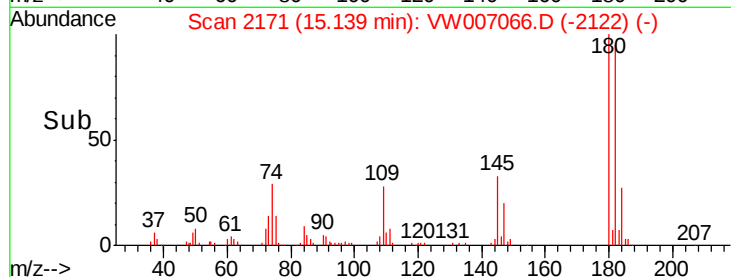
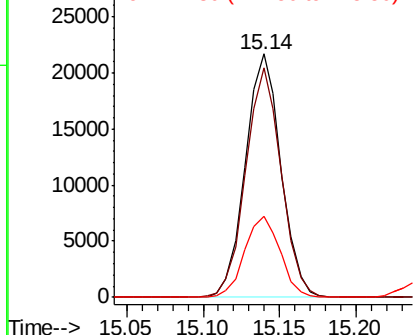


Abundance

Ion 179.80 (179.50 to 180.50): V

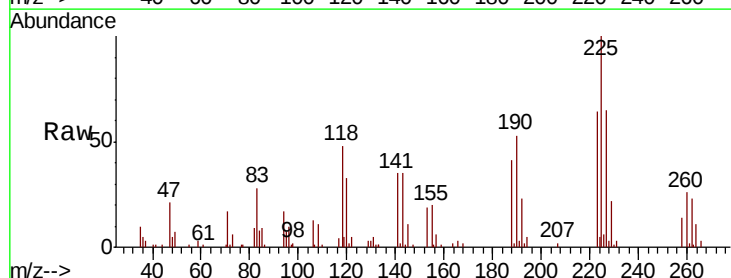
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.325 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007066.D
 Acq: 27 Nov 2018 01:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.4	97.0
227	63.2	31.9	95.5

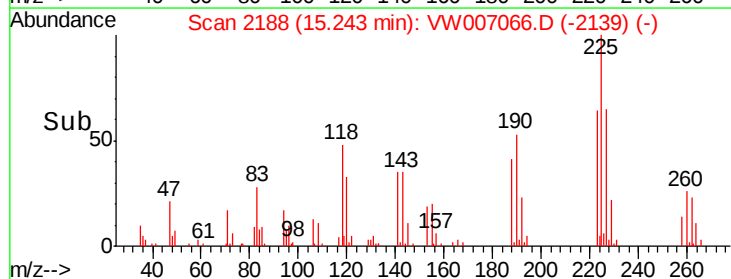
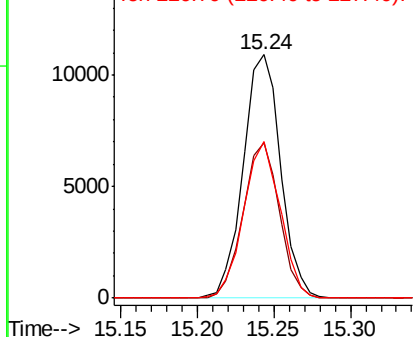


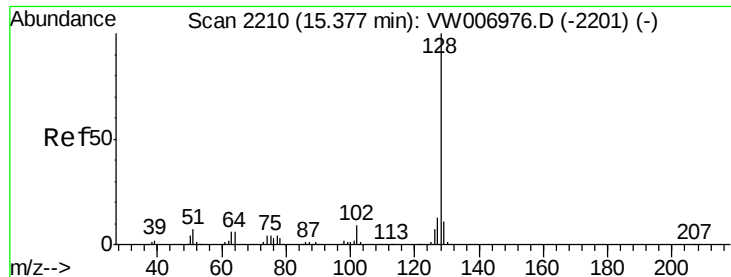
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

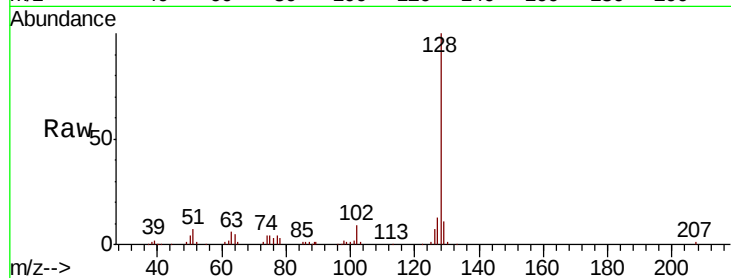




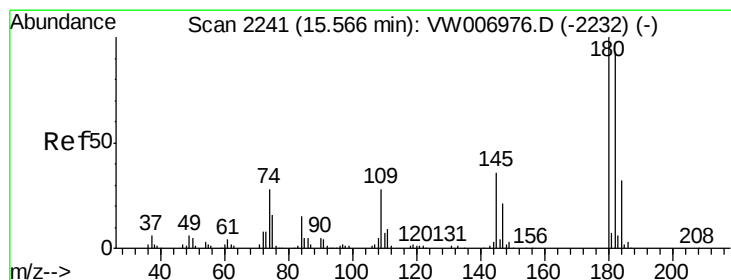
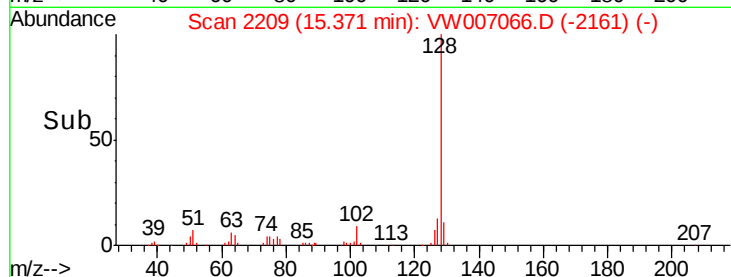
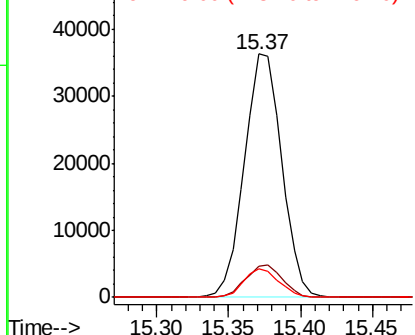
#95
Naphthalene
Concen: 21.478 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 65301
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

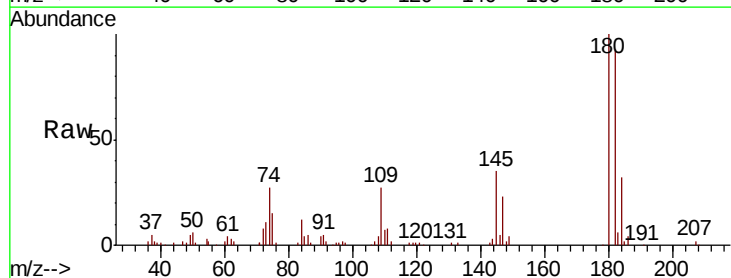


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.537 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007066.D
Acq: 27 Nov 2018 01:20

Tgt Ion:180 Resp: 29927
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 35.3 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

