

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
 Data File : VW006424.D
 Acq On : 27 Oct 2018 01:49
 Operator : SY/AP
 Sample : VW1029SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Quant Time: Oct 27 04:50:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88473	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.88	113	91518	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.32	98	333418	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	124812	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	14127	13.653	ug/l	91
3) Chloromethane	2.21	50	26377	19.803	ug/l	100
4) Vinyl Chloride	2.37	62	38485	20.232	ug/l	100
5) Bromomethane	2.79	94	36324	20.996	ug/l	97
6) Chloroethane	2.92	64	30916	22.680	ug/l	100
7) Trichlorofluoromethane	3.26	101	35103	19.810	ug/l	100
8) Diethyl Ether	3.68	74	20322	21.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40069	21.577	ug/l	98
10) Methyl Iodide	4.26	142	67163	21.730	ug/l	98
11) Tert butyl alcohol	5.23	59	12064	103.475	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	36924	21.135	ug/l	94
13) Acrolein	3.90	56	10161	90.068	ug/l	91
14) Allyl chloride	4.67	41	49359	19.759	ug/l	98
15) Acrylonitrile	5.38	53	39491	116.914	ug/l	98
16) Acetone	4.14	43	36384	103.180	ug/l	95
17) Carbon Disulfide	4.37	76	94136	17.853	ug/l	100
18) Methyl Acetate	4.68	43	19517	22.372	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	57575	21.637	ug/l	96
20) Methylene Chloride	4.91	84	45389	23.895	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44270	22.702	ug/l	95
22) Diisopropyl ether	6.32	45	108838	22.048	ug/l	98
23) Vinyl Acetate	6.26	43	303910	104.318	ug/l	98
24) 1,1-Dichloroethane	6.21	63	73022	22.924	ug/l	97
25) 2-Butanone	7.18	43	51260	109.457	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43048	19.161	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	48730	22.644	ug/l	100
28) Bromochloromethane	7.51	49	25305	20.578	ug/l	95
29) Tetrahydrofuran	7.54	42	31829	110.571	ug/l	98
30) Chloroform	7.68	83	81297	23.425	ug/l	100
31) Cyclohexane	7.95	56	61683	19.445	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	66455	21.228	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61026	21.757	ug/l	99
37) Ethyl Acetate	7.26	43	23926	22.959	ug/l	98
38) Carbon Tetrachloride	8.07	117	62188	20.225	ug/l	97

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Quant Time: Oct 27 04:50:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73505	19.715	ug/l	99
40) Benzene	8.32	78	177124	23.021	ug/l	99
41) Methacrylonitrile	7.49	41	14201	22.605	ug/l	98
42) 1,2-Dichloroethane	8.40	62	52451	23.203	ug/l	99
43) Isopropyl Acetate	8.43	43	43735	20.525	ug/l	97
44) Trichloroethene	9.09	130	53116	22.502	ug/l	97
45) 1,2-Dichloropropane	9.37	63	41689	22.643	ug/l	98
46) Dibromomethane	9.46	93	24105	22.971	ug/l	99
47) Bromodichloromethane	9.65	83	54691	21.497	ug/l	99
48) Methyl methacrylate	9.44	41	21287	21.076	ug/l	94
49) 1,4-Dioxane	9.49	88	7532	466.250	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	116301	108.937	ug/l	99
52) Toluene	10.39	92	115303	22.353	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50559	19.946	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	60577	20.823	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35284	24.028	ug/l	98
56) Ethyl methacrylate	10.65	69	37901	21.054	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55982	23.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	78880	114.671	ug/l	100
59) 2-Hexanone	10.98	43	76583	100.491	ug/l	97
60) Dibromochloromethane	11.13	129	38457	21.025	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33087	22.550	ug/l	100
64) Tetrachloroethene	10.87	164	49541	22.945	ug/l	97
65) Chlorobenzene	11.66	112	136029	22.847	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45243	21.383	ug/l	98
67) Ethyl Benzene	11.73	91	224161	21.725	ug/l	98
68) m/p-Xylenes	11.84	106	178021	43.651	ug/l	99
69) o-Xylene	12.17	106	85050	21.882	ug/l	97
70) Styrene	12.18	104	135564	21.449	ug/l	98
71) Bromoform	12.35	173	23028	19.512	ug/l #	99
73) Isopropylbenzene	12.47	105	232548	21.033	ug/l	100
74) N-amyl acetate	12.28	43	41786	19.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	39117	23.261	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	46724	39.087	ug/l #	100
77) Bromobenzene	12.75	156	60361	22.289	ug/l	99
78) n-propylbenzene	12.81	91	276579	21.501	ug/l	99
79) 2-Chlorotoluene	12.90	91	153988	21.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	199932	21.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8593	17.183	ug/l	91
82) 4-Chlorotoluene	12.99	91	164625	21.744	ug/l	100
83) tert-Butylbenzene	13.21	119	174995	20.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200381	21.245	ug/l	100
85) sec-Butylbenzene	13.39	105	250445	21.258	ug/l	100
86) p-Isopropyltoluene	13.51	119	225678	21.178	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119901	22.247	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	119034	22.182	ug/l	99
89) n-Butylbenzene	13.83	91	198977	20.417	ug/l	99
90) Hexachloroethane	14.10	117	34150	18.920	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	107606	22.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5808	19.290	ug/l	98

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MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

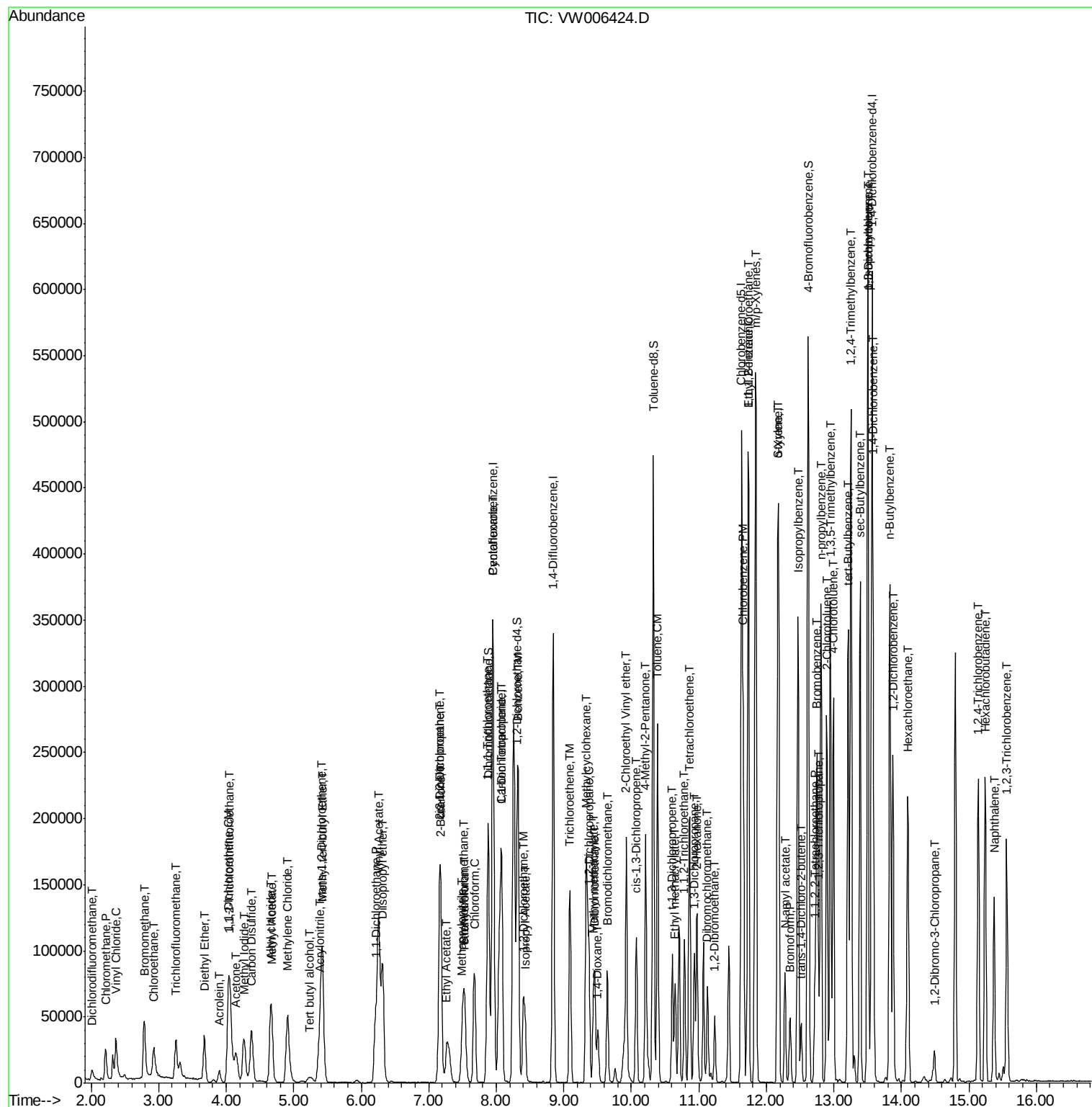
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78947	21.342	ug/l	99
94) Hexachlorobutadiene	15.24	225	49328	21.228	ug/l	98
95) Naphthalene	15.38	128	129038	20.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	70443	22.017	ug/l	100

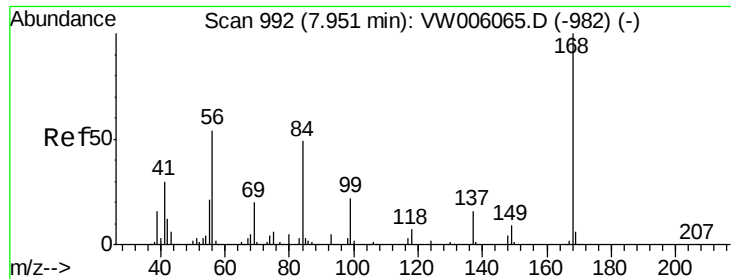
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
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Sample : VW1029SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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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: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

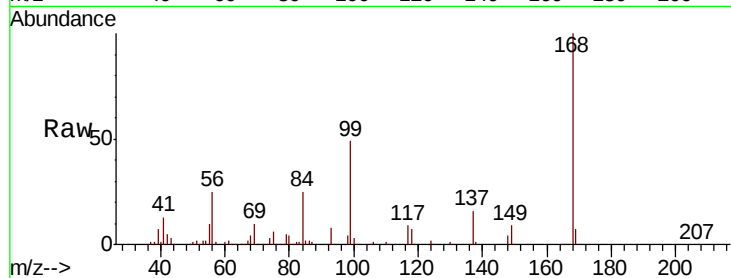
VW1029SBS01

Tgt Ion:168 Resp: 209098

Ion Ratio Lower Upper

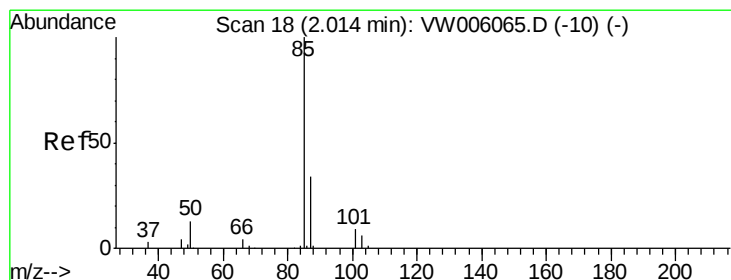
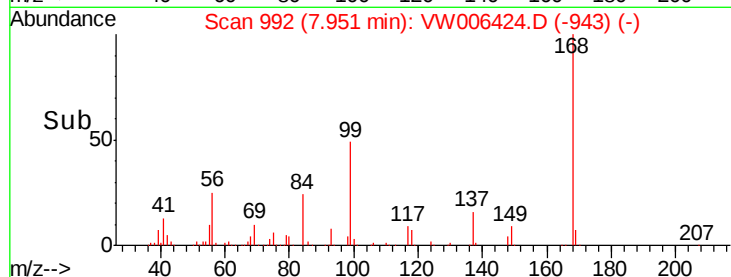
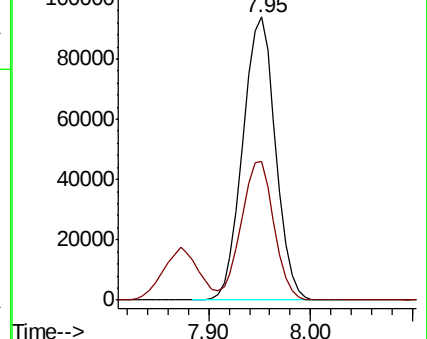
168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 13.653 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006424.D

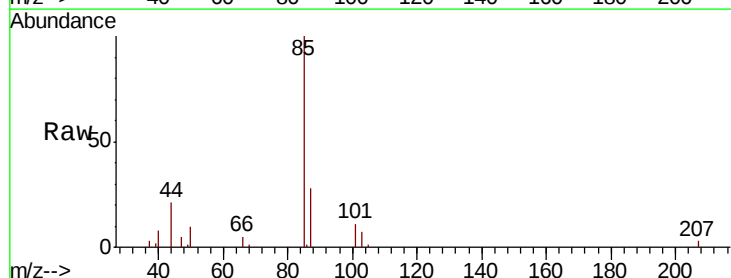
Acq: 27 Oct 2018 01:49

Tgt Ion: 85 Resp: 14127

Ion Ratio Lower Upper

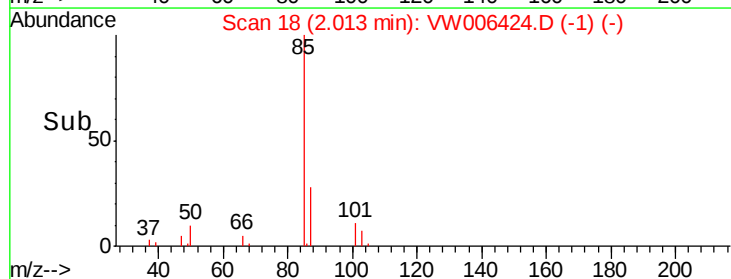
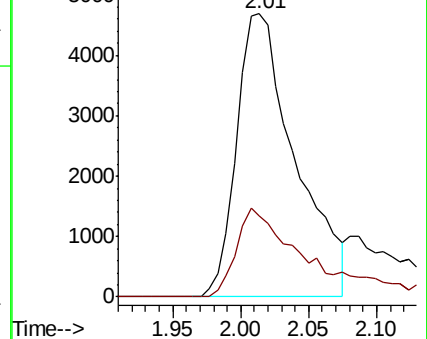
85 100

87 28.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.803 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

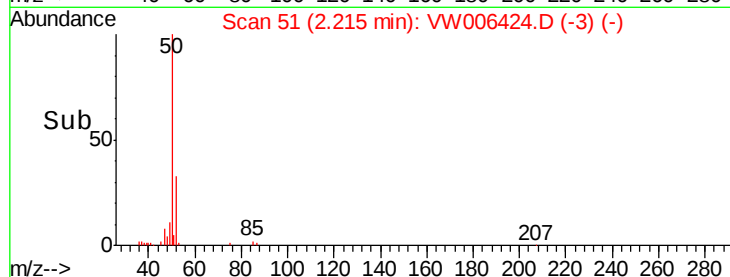
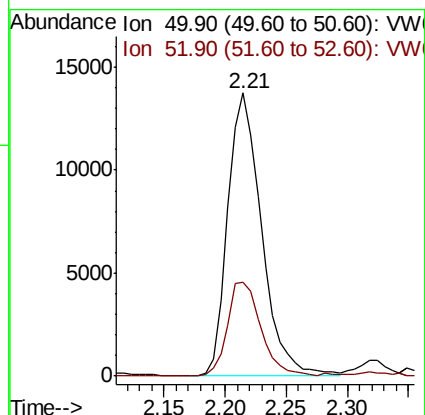
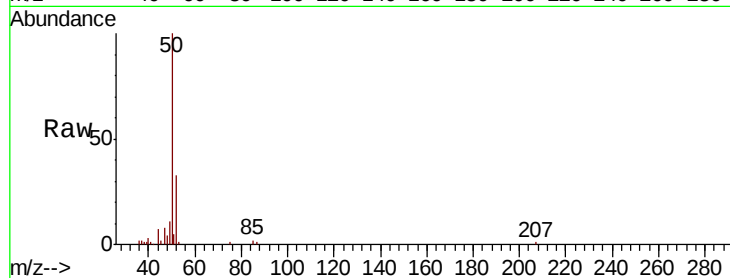
VW1029SBS01

Tgt Ion: 50 Resp: 26377

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2



#4

Vinyl Chloride

Concen: 20.232 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006424.D

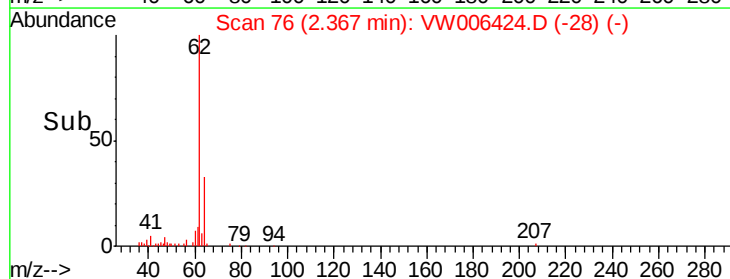
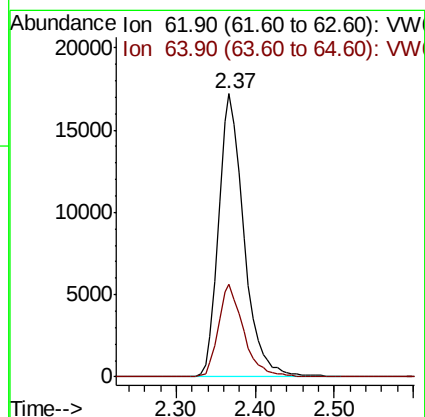
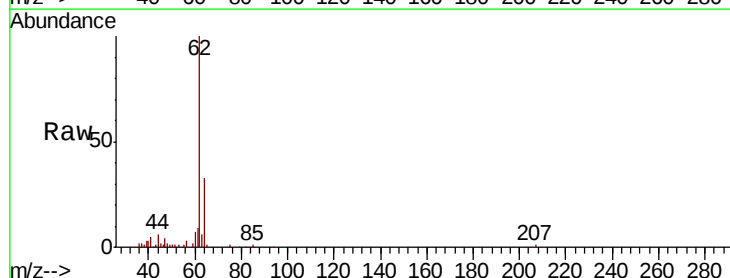
Acq: 27 Oct 2018 01:49

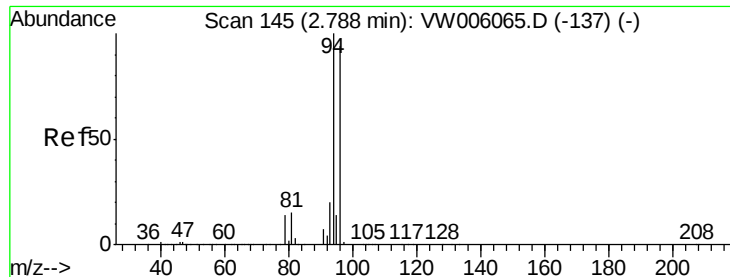
Tgt Ion: 62 Resp: 38485

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 20.996 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

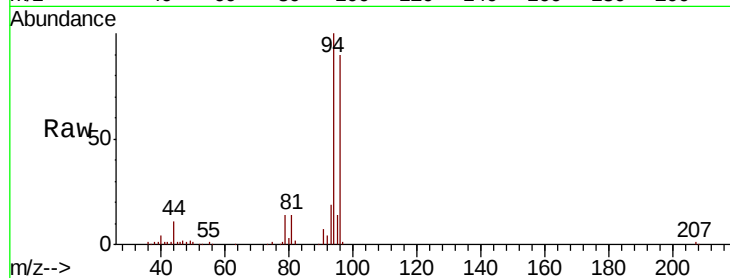
VW1029SBS01

Tgt Ion: 94 Resp: 36324

Ion Ratio Lower Upper

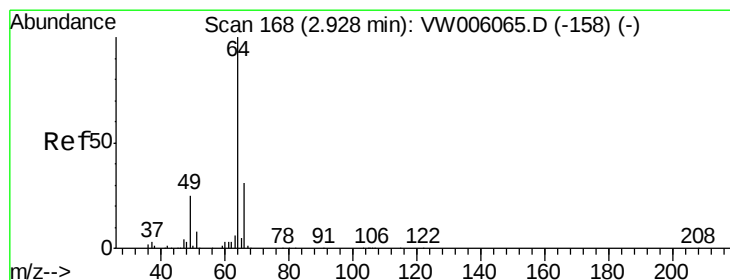
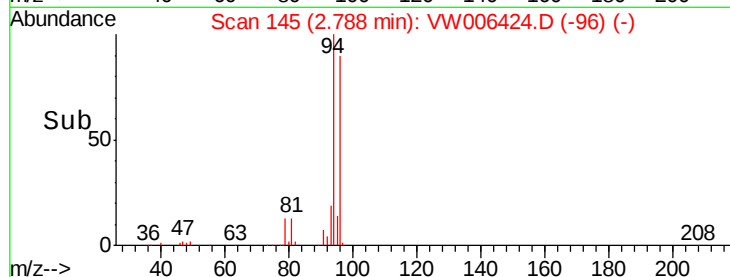
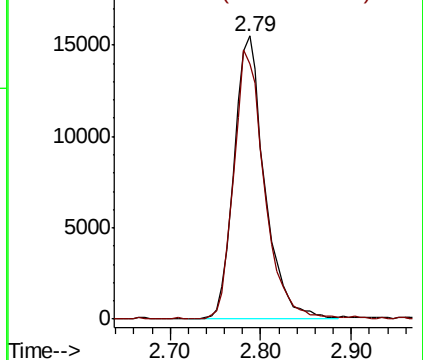
94 100

96 90.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.680 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006424.D

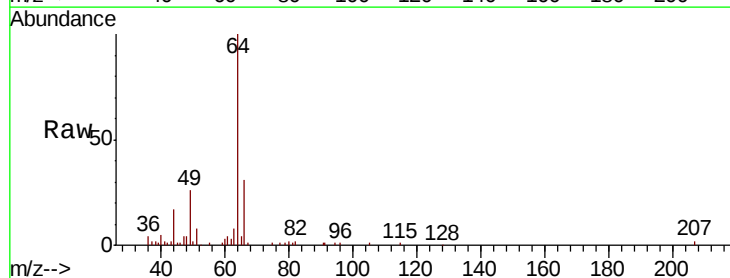
Acq: 27 Oct 2018 01:49

Tgt Ion: 64 Resp: 30916

Ion Ratio Lower Upper

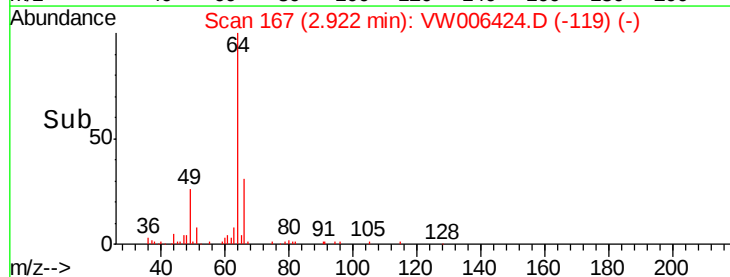
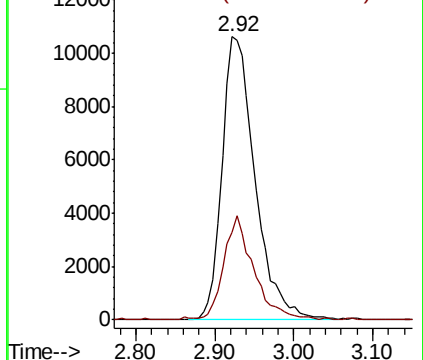
64 100

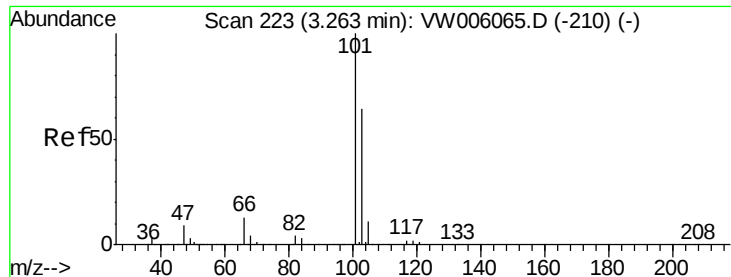
66 31.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



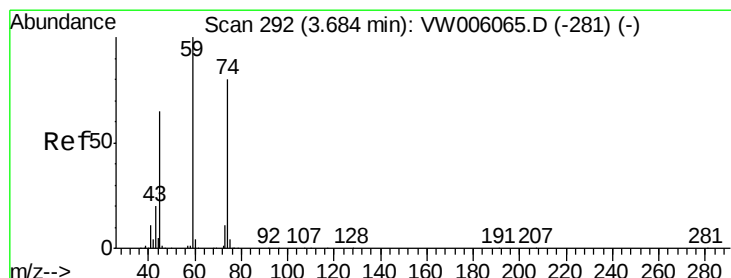
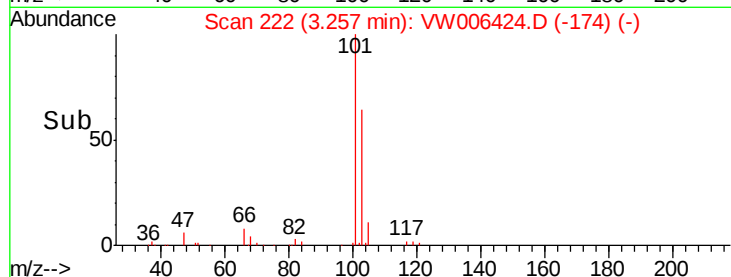
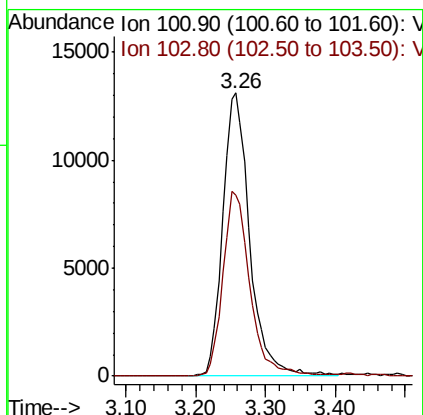
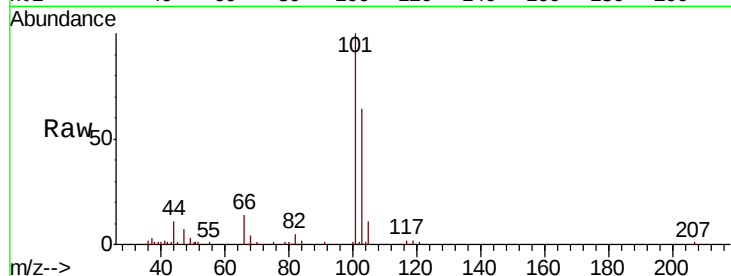


#7

Trichlorofluoromethane
Concen: 19.810 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

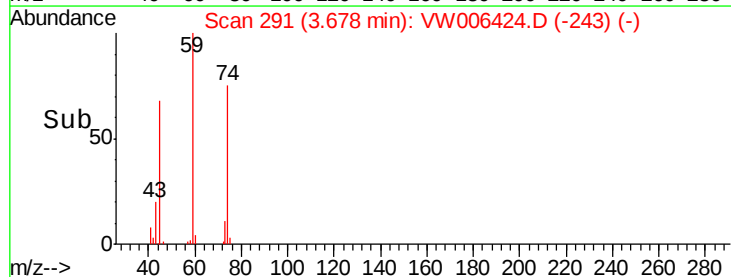
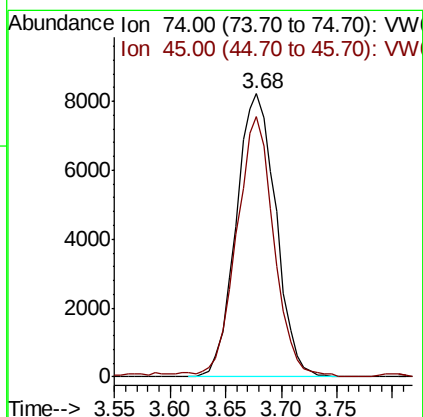
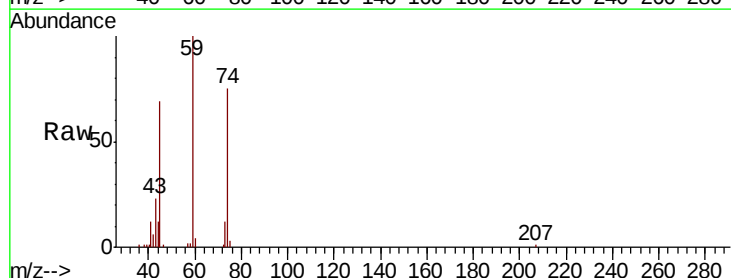
Tgt Ion:101 Resp: 35103
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8



#8

Diethyl Ether
Concen: 21.579 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 74 Resp: 20322
Ion Ratio Lower Upper
74 100
45 87.5 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.577 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

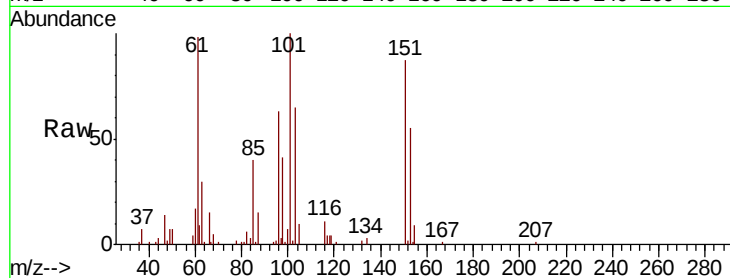
Tgt Ion:101 Resp: 40069

Ion Ratio Lower Upper

101 100

85 42.4 34.9 52.3

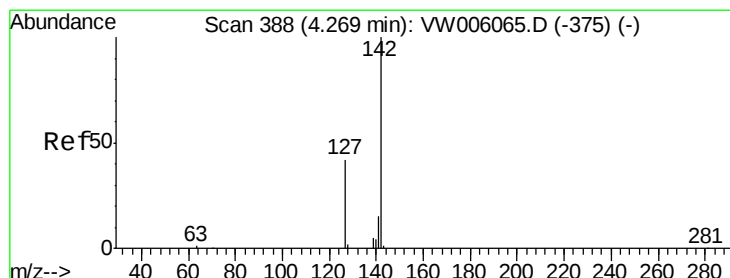
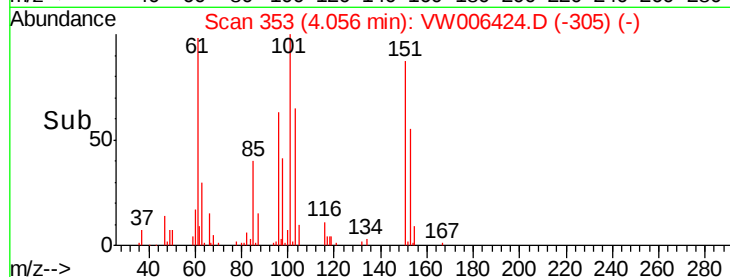
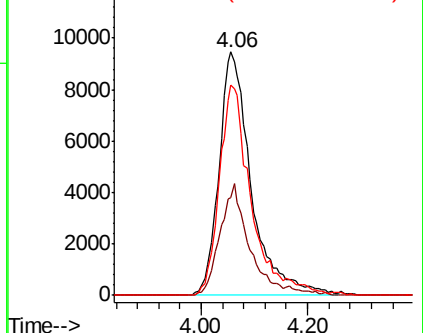
151 85.7 70.4 105.6



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: 21.730 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

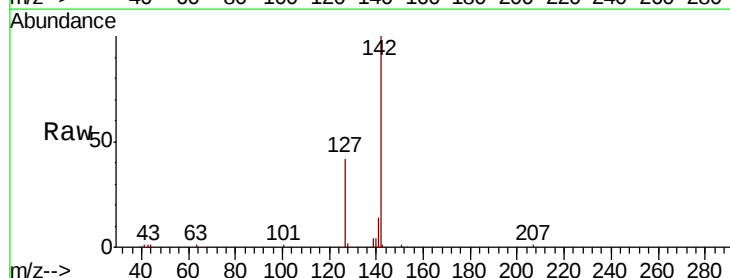
Tgt Ion:142 Resp: 67163

Ion Ratio Lower Upper

142 100

127 40.6 33.6 50.4

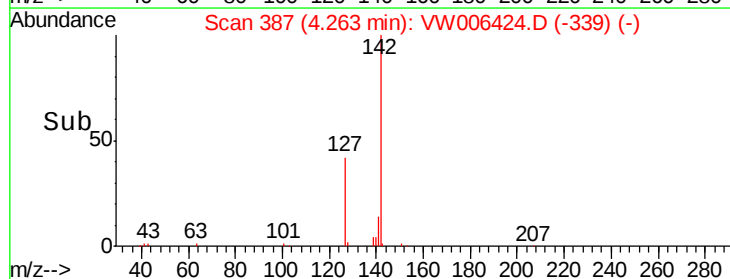
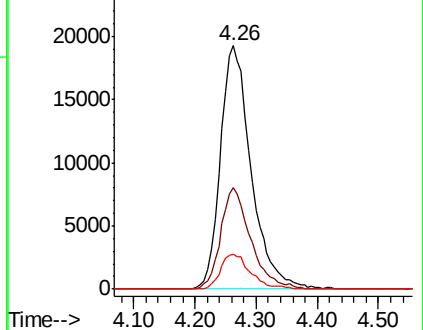
141 13.9 11.6 17.4

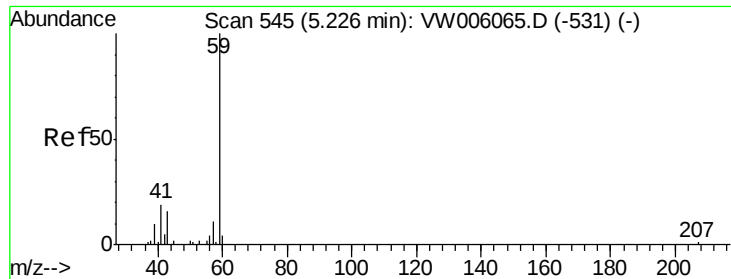


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

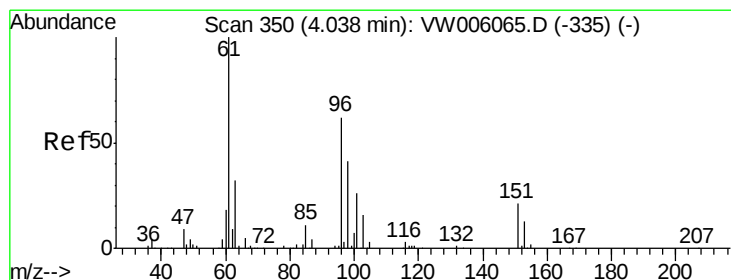
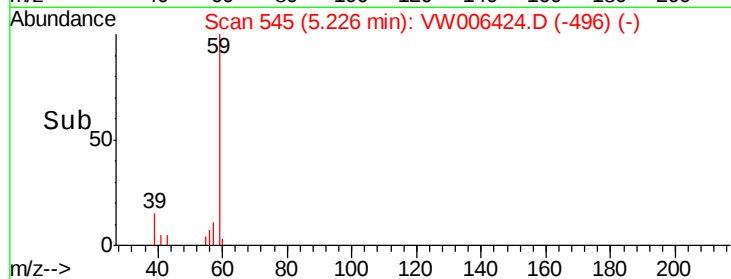
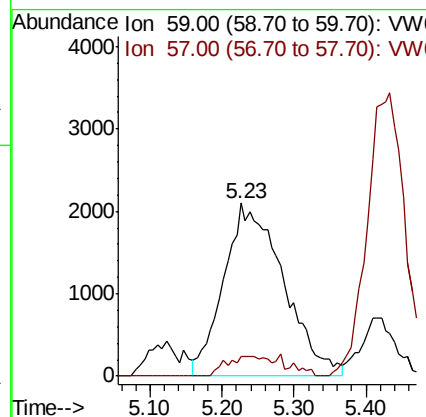
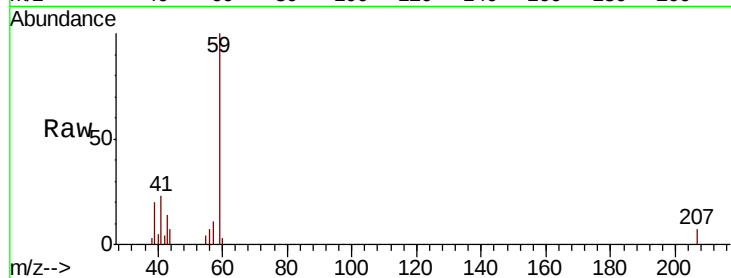




#11
Tert butyl alcohol
Concen: 103.475 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

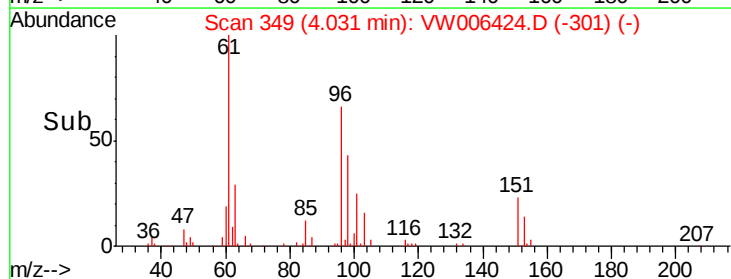
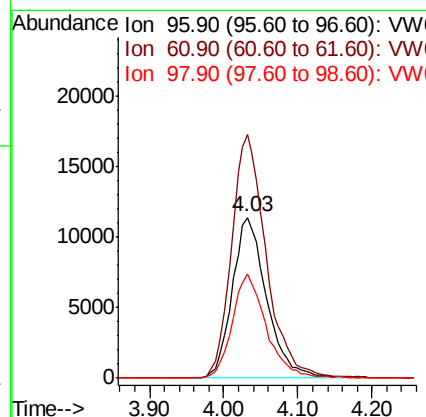
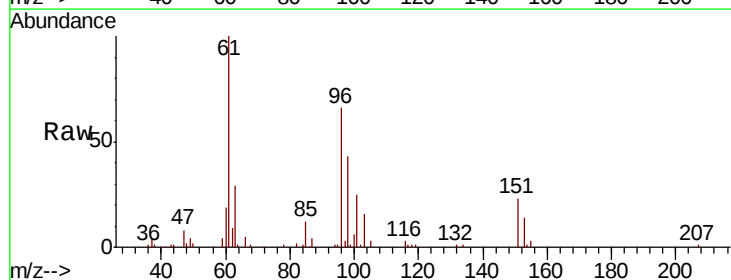
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

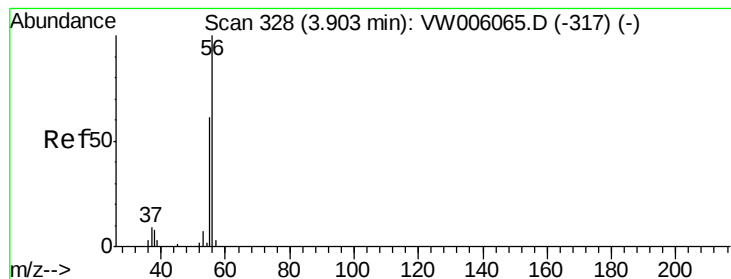
Tgt Ion: 59 Resp: 12064
Ion Ratio Lower Upper
59 100
57 7.9 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 21.135 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 96 Resp: 36924
Ion Ratio Lower Upper
96 100
61 151.5 129.3 193.9
98 64.4 53.1 79.7





#13

Acrolein

Concen: 90.068 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

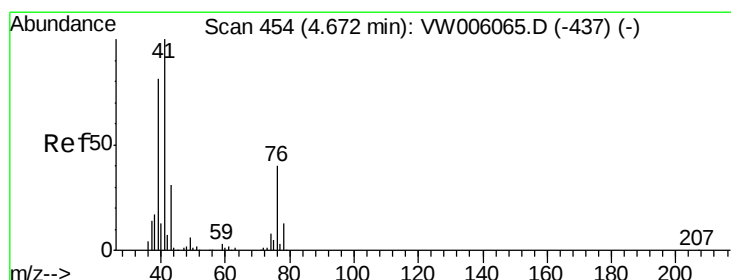
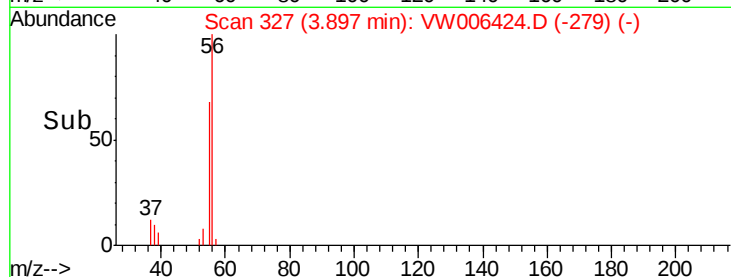
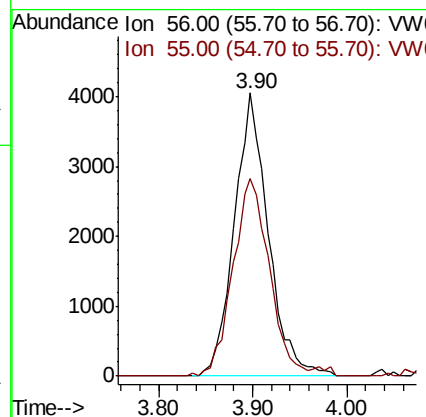
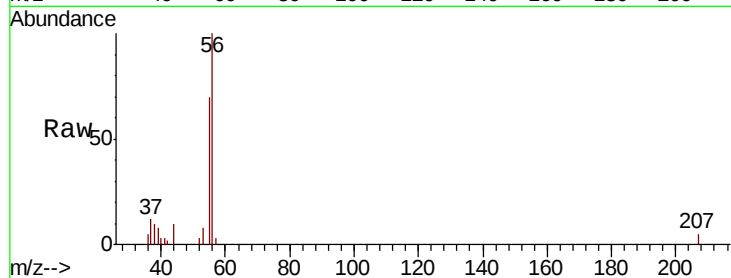
VW1029SBS01

Tgt Ion: 56 Resp: 10161

Ion Ratio Lower Upper

56 100

55 75.2 54.5 81.7



#14

Allyl chloride

Concen: 19.759 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

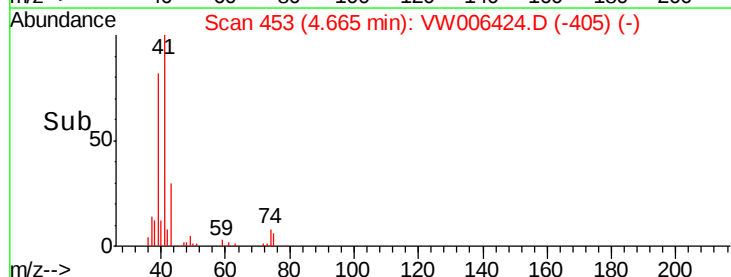
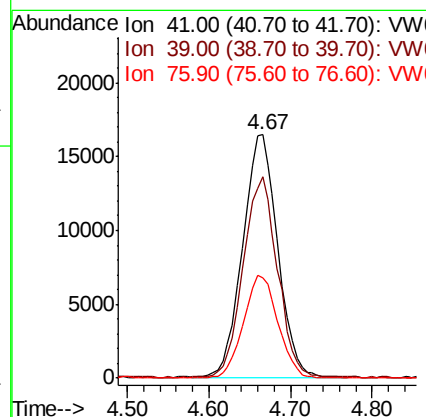
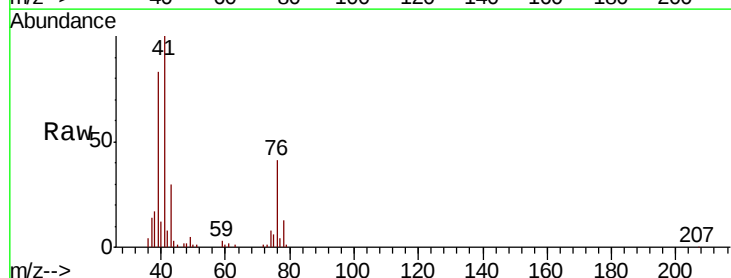
Tgt Ion: 41 Resp: 49359

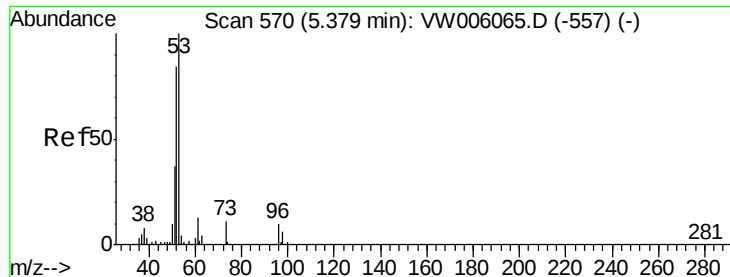
Ion Ratio Lower Upper

41 100

39 81.6 64.1 96.1

76 41.4 32.2 48.4





#15

Acrylonitrile

Concen: 116.914 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

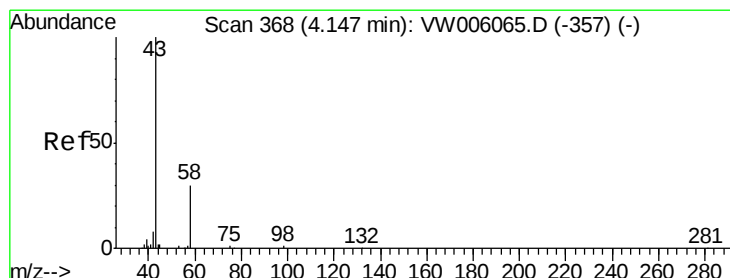
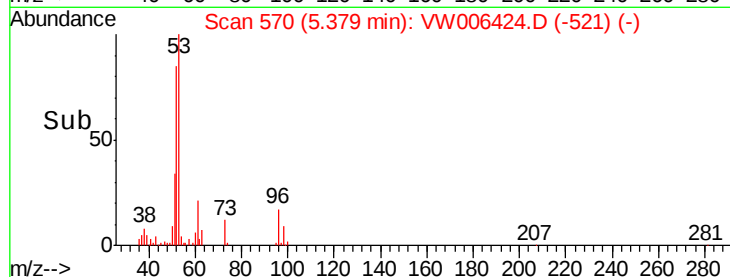
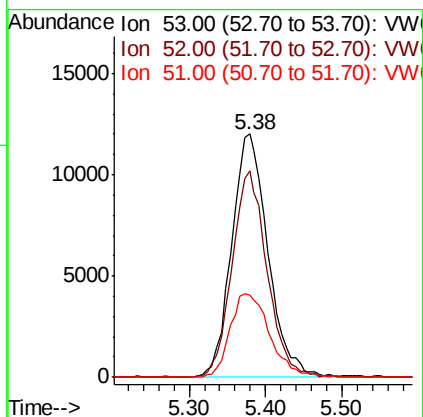
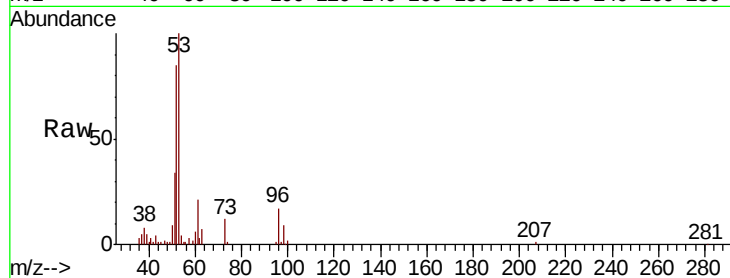
Tgt Ion: 53 Resp: 39491

Ion Ratio Lower Upper

53 100

52 81.3 66.9 100.3

51 37.4 30.1 45.1



#16

Acetone

Concen: 103.180 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006424.D

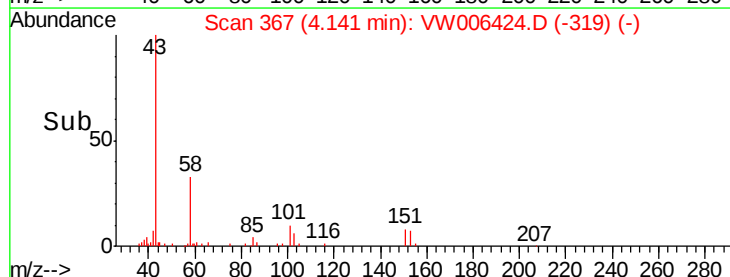
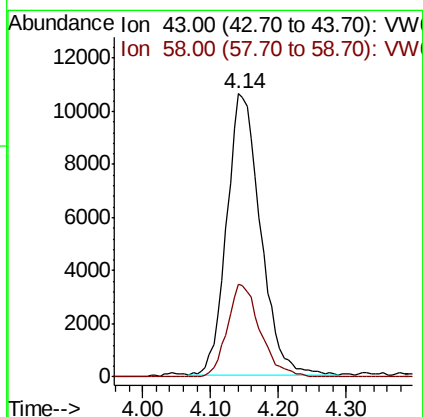
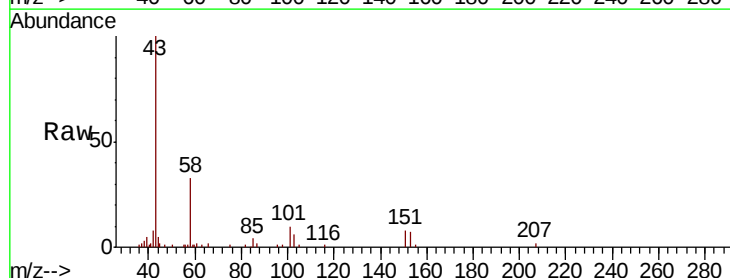
Acq: 27 Oct 2018 01:49

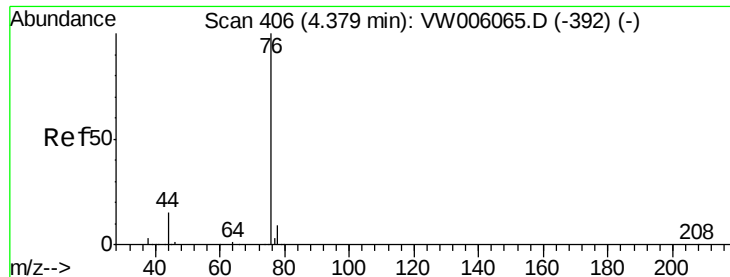
Tgt Ion: 43 Resp: 36384

Ion Ratio Lower Upper

43 100

58 32.8 24.0 36.0

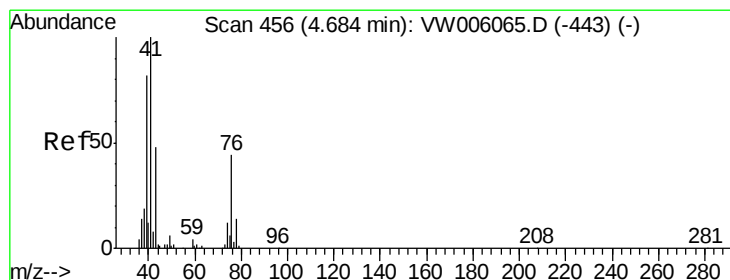
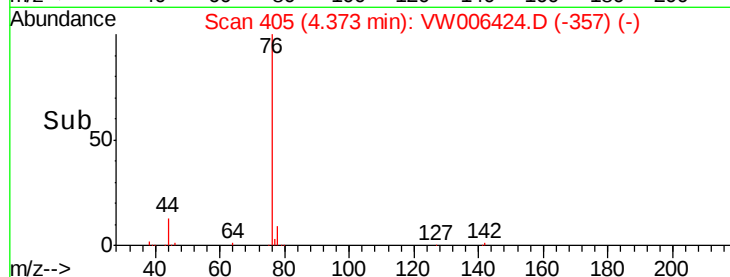
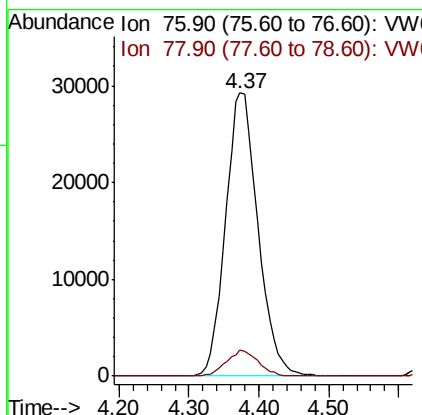
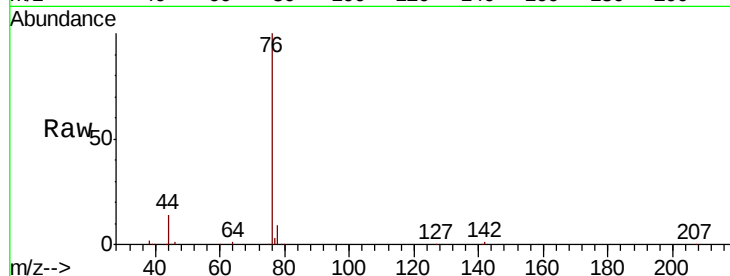




#17
Carbon Disulfide
Concen: 17.853 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

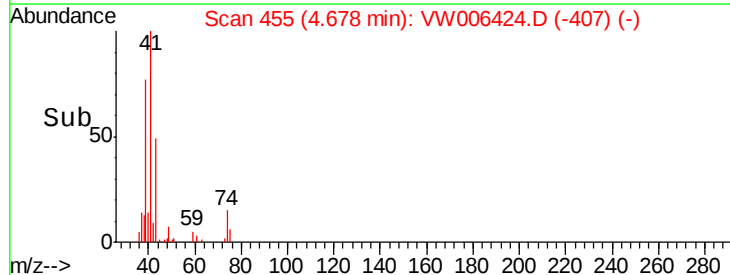
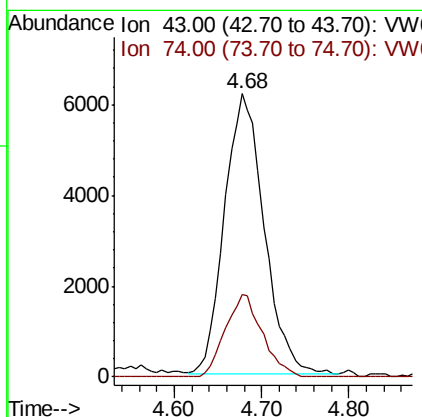
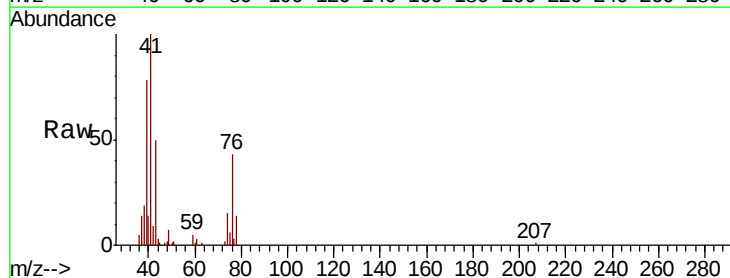
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tgt Ion: 76 Resp: 94136
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 22.372 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 43 Resp: 19517
Ion Ratio Lower Upper
43 100
74 27.2 20.5 30.7

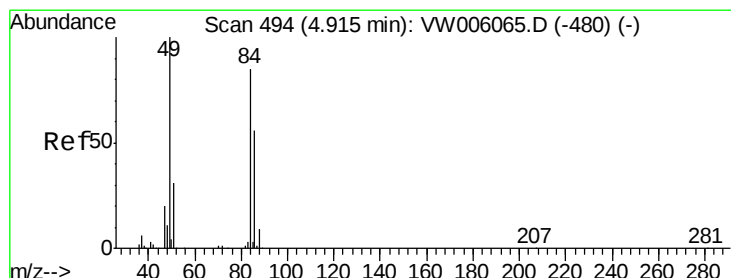
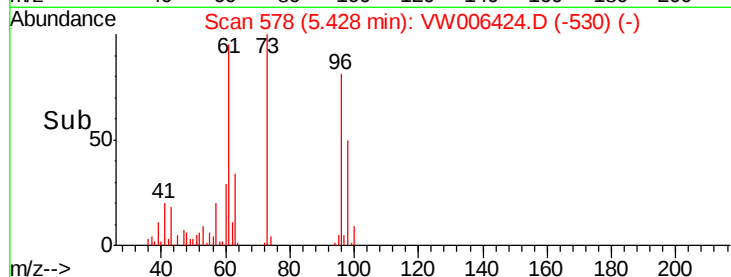
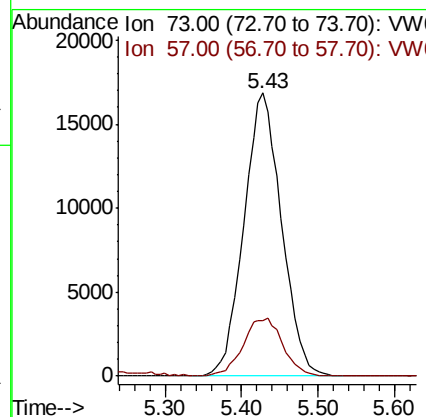
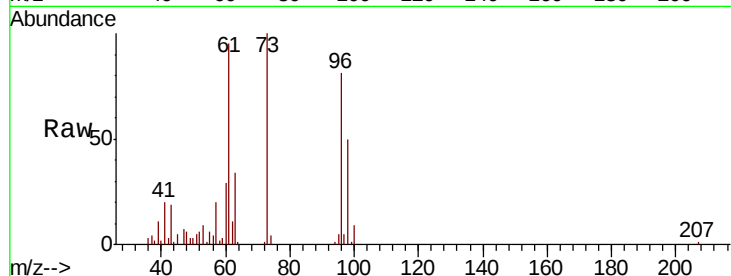




#19
Methyl tert-butyl Ether
Concen: 21.637 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

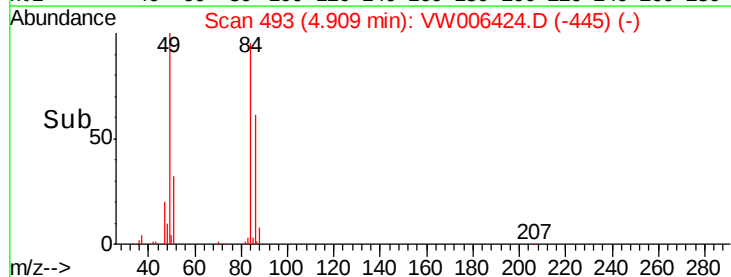
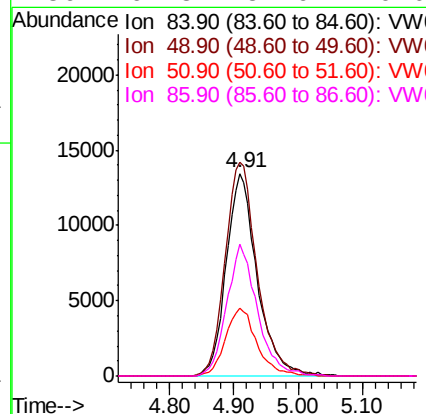
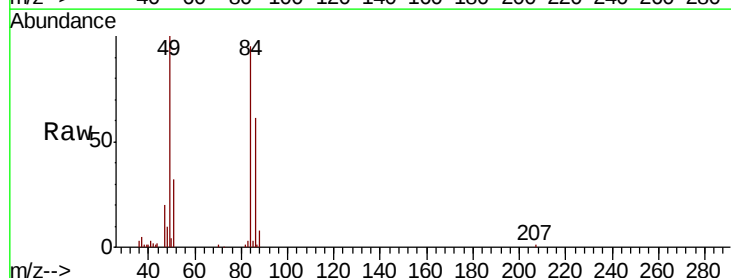
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

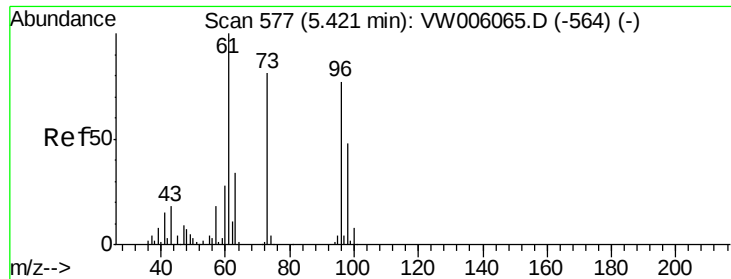
Tgt Ion: 73 Resp: 57575
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2



#20
Methylene Chloride
Concen: 23.895 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 84 Resp: 45389
Ion Ratio Lower Upper
84 100
49 105.4 93.6 140.4
51 33.8 29.0 43.4
86 64.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.702 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

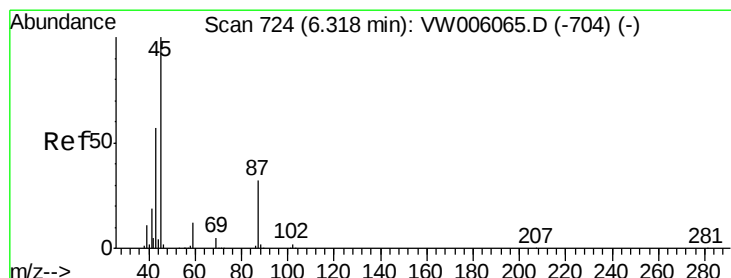
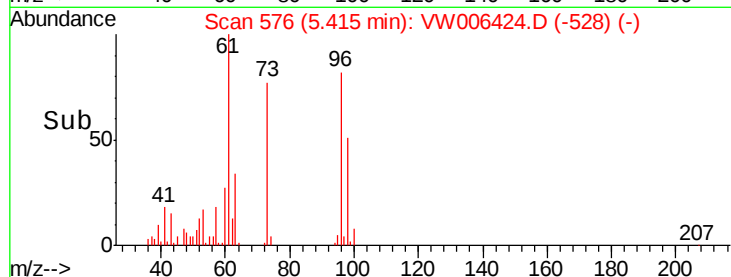
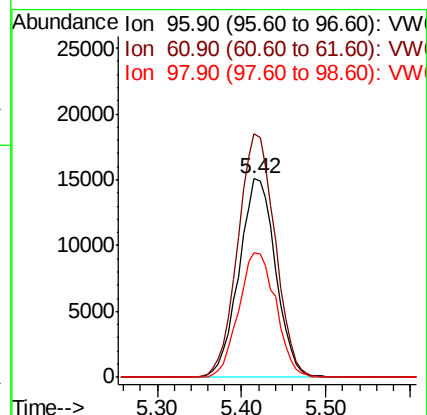
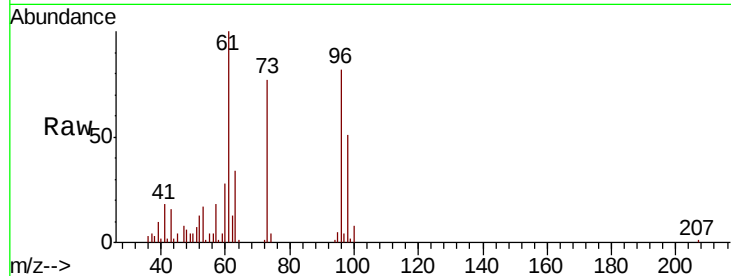
Tgt Ion: 96 Resp: 44270

Ion Ratio Lower Upper

96 100

61 122.5 104.5 156.7

98 63.0 50.6 75.8



#22

Diisopropyl ether

Concen: 22.048 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion: 45 Resp: 108838

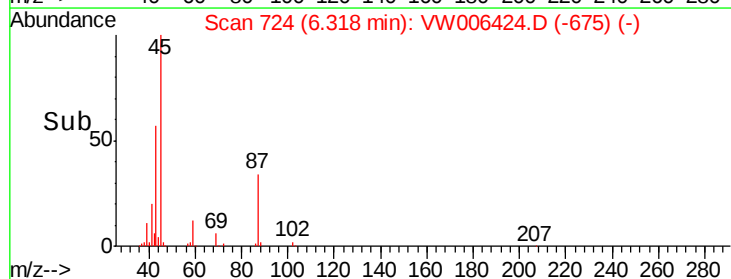
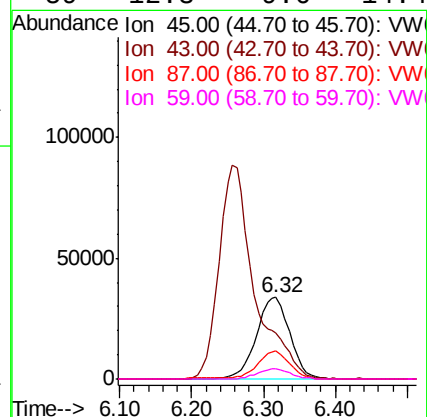
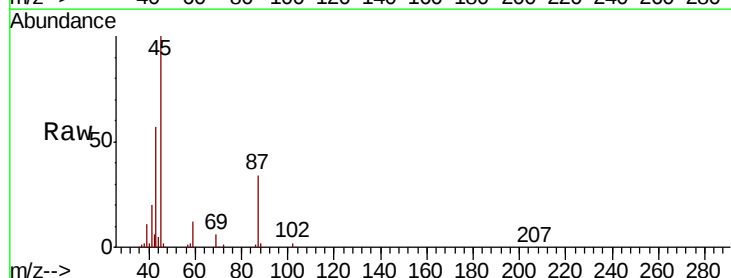
Ion Ratio Lower Upper

45 100

43 56.2 45.7 68.5

87 34.2 25.9 38.9

59 12.3 9.6 14.4





#23

Vinyl Acetate

Concen: 104.318 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

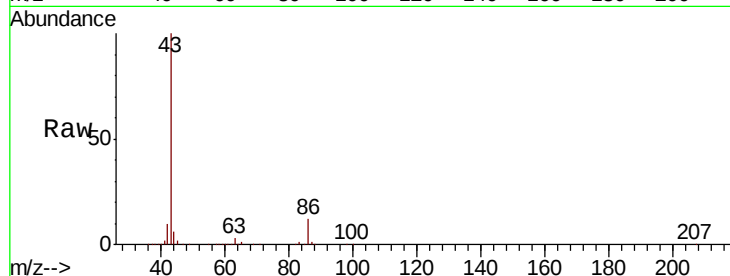
VW1029SBS01

Tgt Ion: 43 Resp: 303910

Ion Ratio Lower Upper

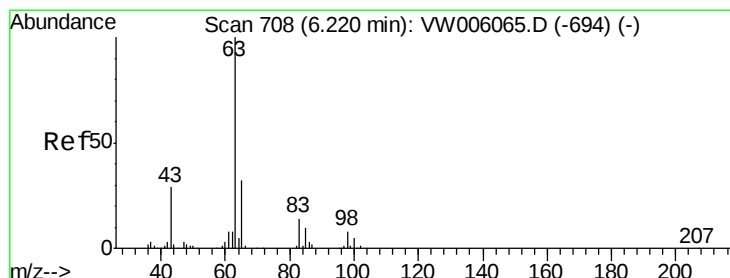
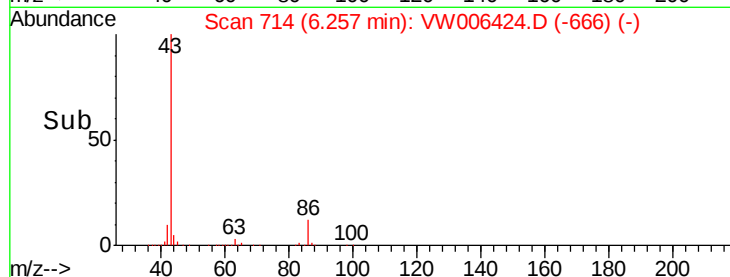
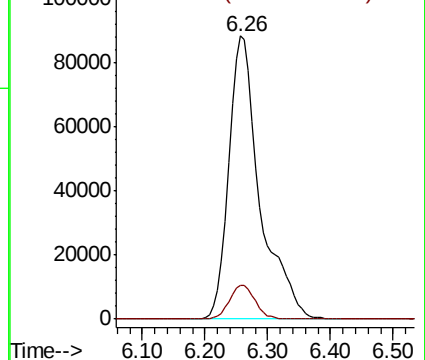
43 100

86 12.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.924 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

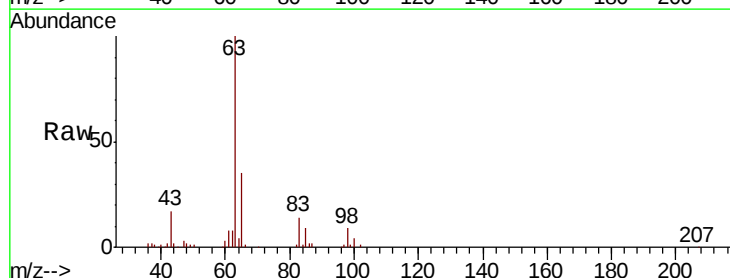
Tgt Ion: 63 Resp: 73022

Ion Ratio Lower Upper

63 100

98 8.8 3.8 11.2

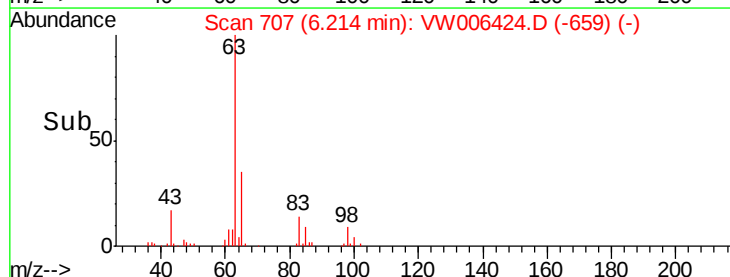
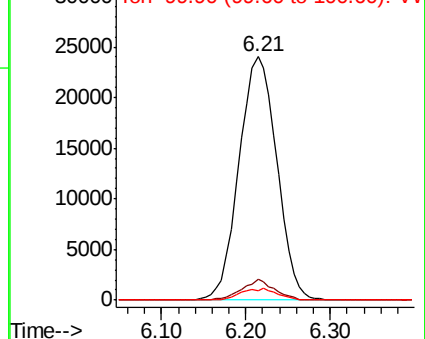
100 4.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 109.457 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

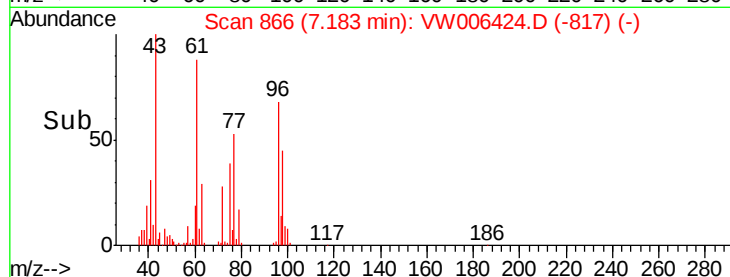
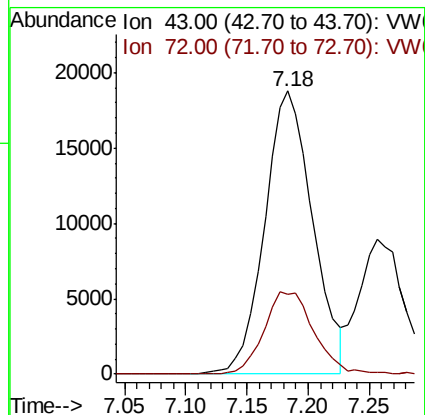
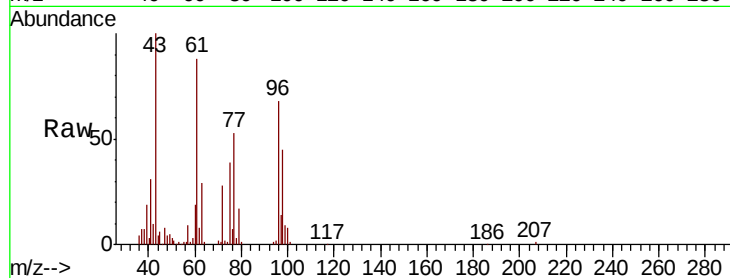
VW1029SBS01

Tgt Ion: 43 Resp: 51260

Ion Ratio Lower Upper

43 100

72 28.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.161 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006424.D

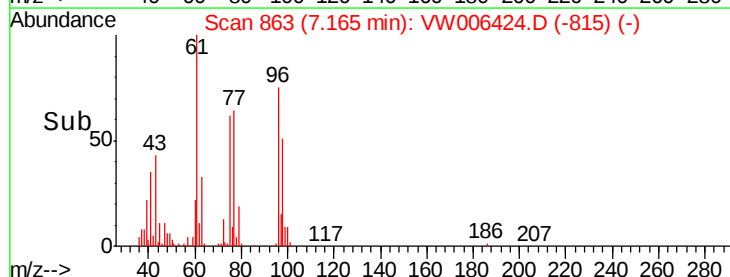
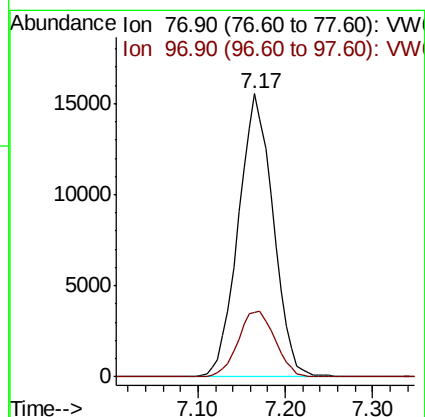
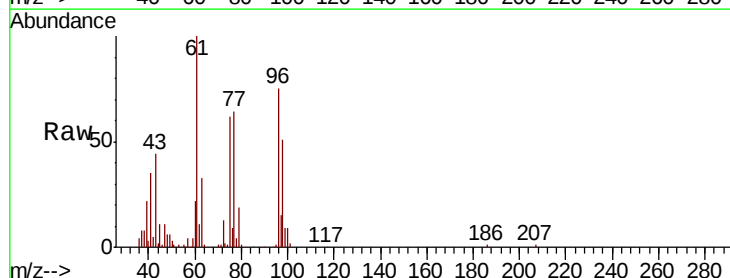
Acq: 27 Oct 2018 01:49

Tgt Ion: 77 Resp: 43048

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4



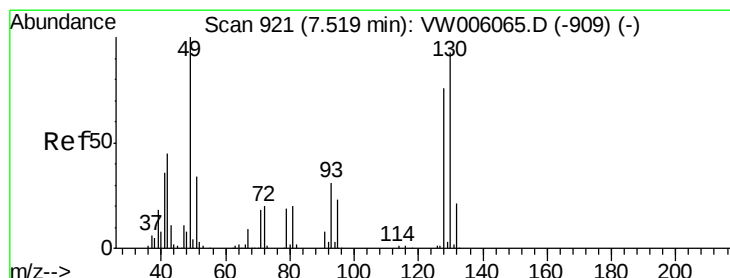
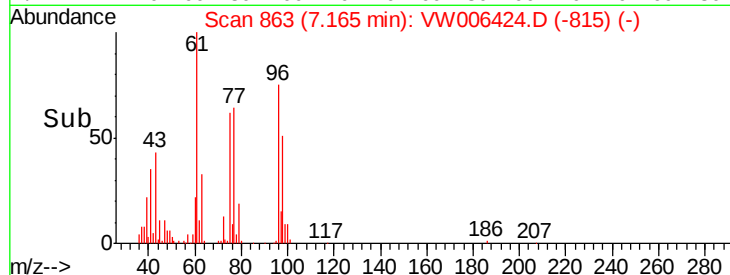
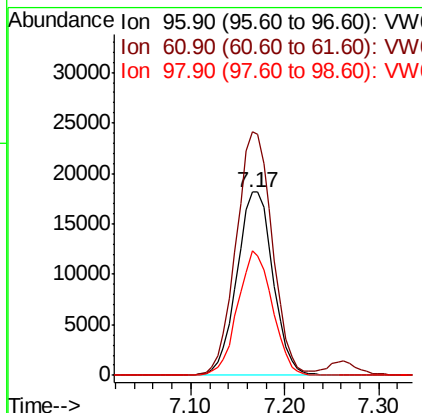
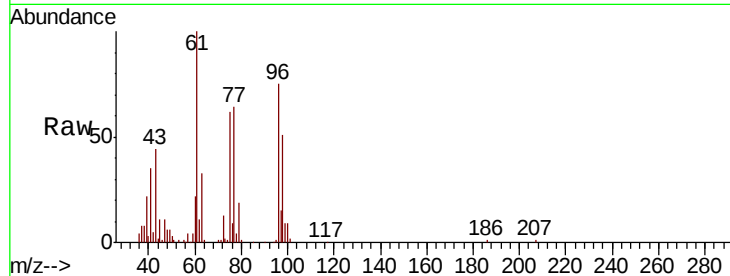


#27

cis-1,2-Dichloroethene
Concen: 22.644 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

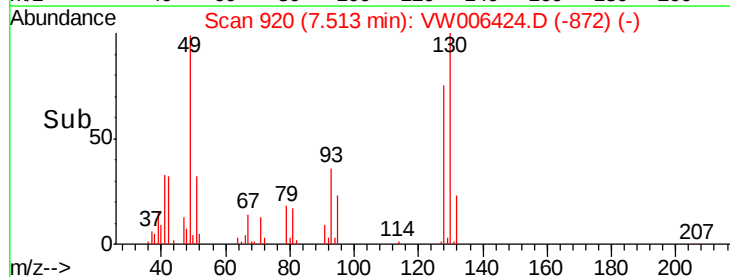
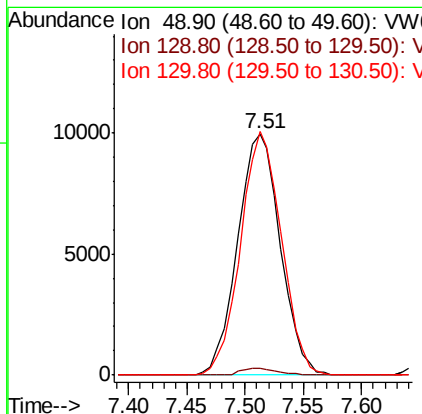
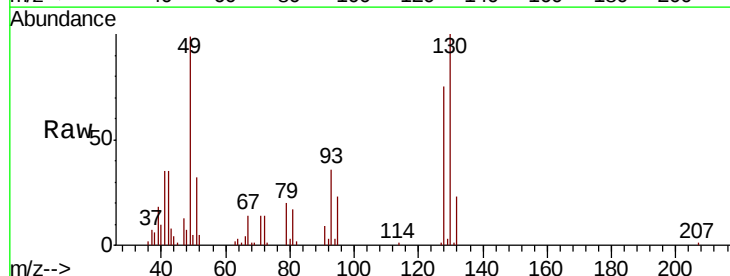
Tgt Ion: 96 Resp: 48730
Ion Ratio Lower Upper
96 100
61 133.3 0.0 267.2
98 65.1 0.0 128.6



#28

Bromochloromethane
Concen: 20.578 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 49 Resp: 25305
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 96.9 73.8 110.8

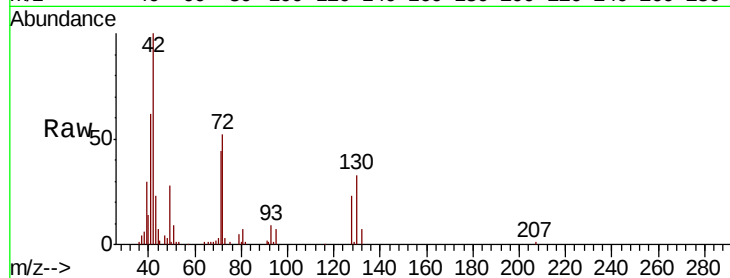




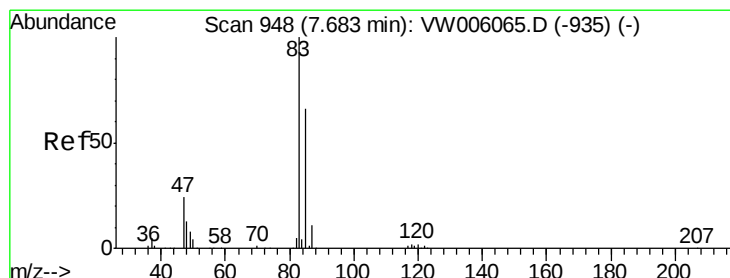
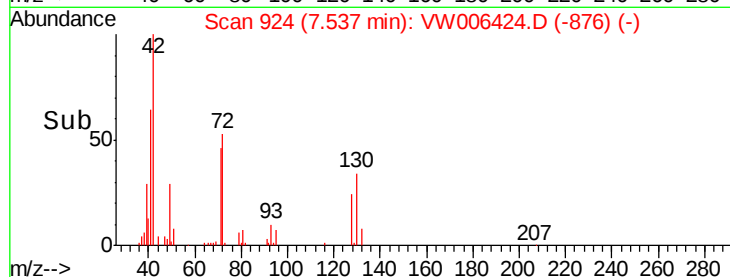
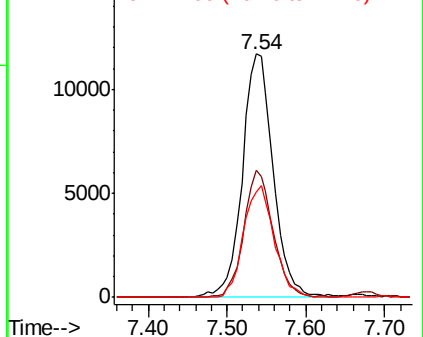
#29
Tetrahydrofuran
Concen: 110.571 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tgt Ion: 42 Resp: 31829
Ion Ratio Lower Upper
42 100
72 49.3 38.0 57.0
71 45.5 35.3 52.9

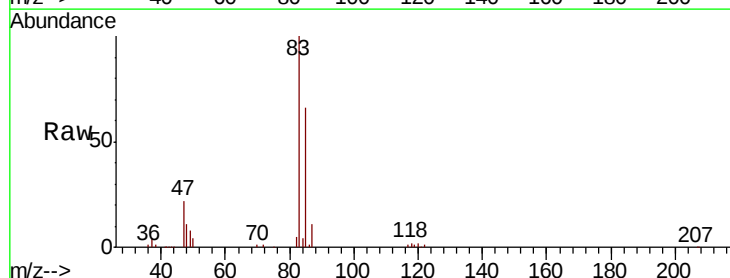


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

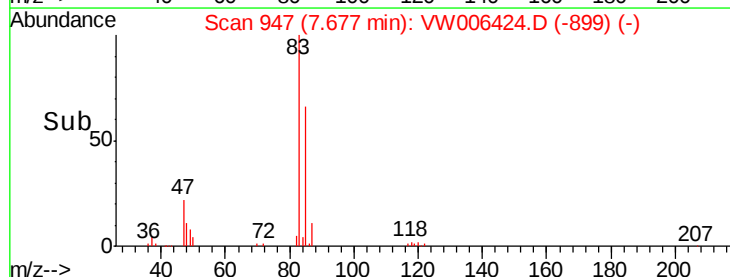
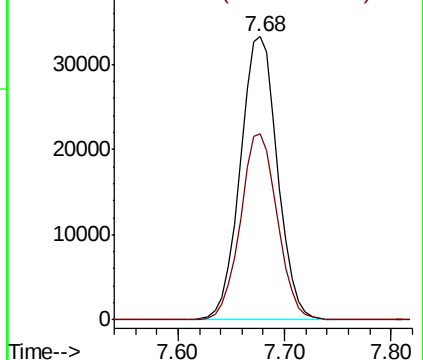


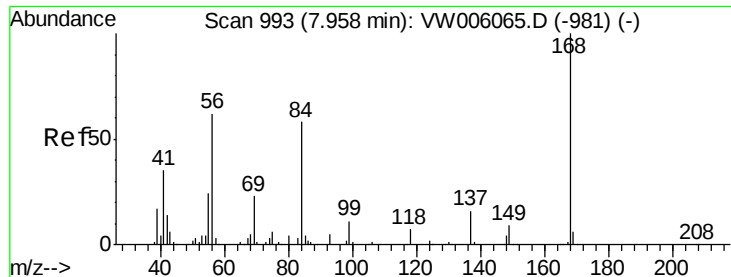
#30
Chloroform
Concen: 23.425 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 83 Resp: 81297
Ion Ratio Lower Upper
83 100
85 65.7 52.6 79.0



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

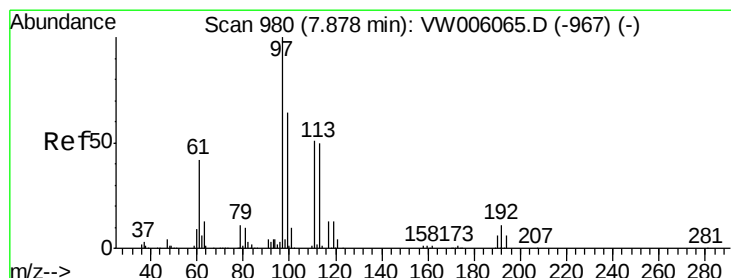
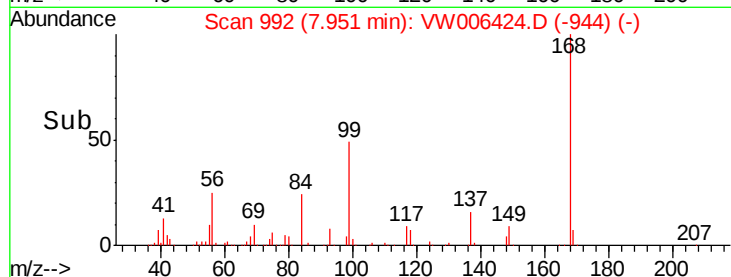
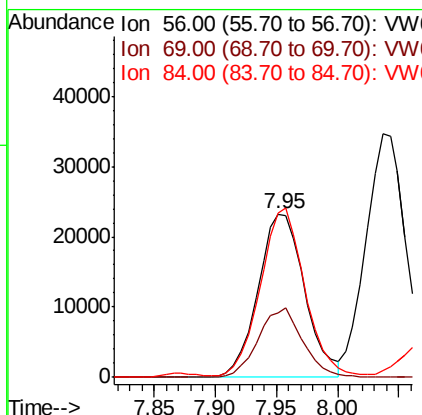
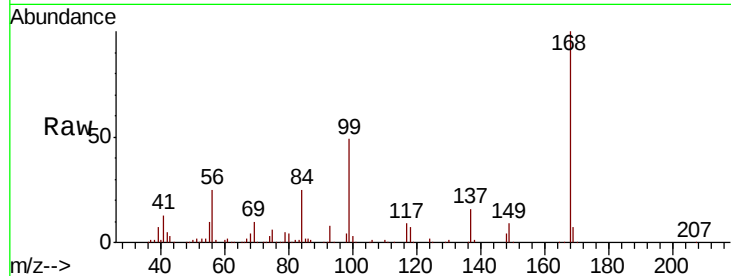




#31
Cyclohexane
Concen: 19.445 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

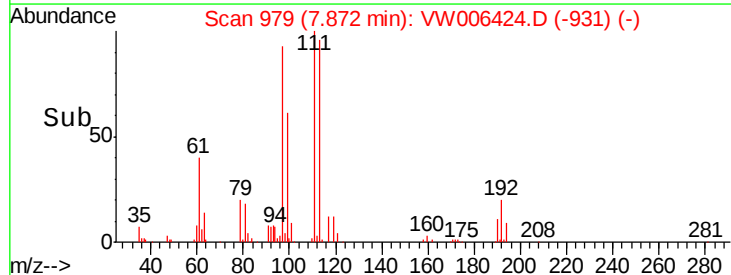
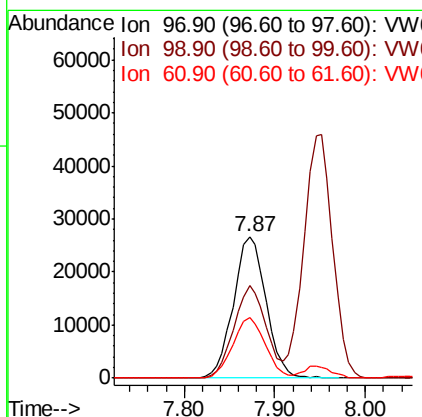
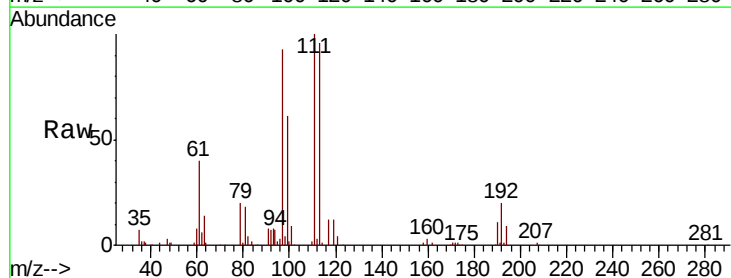
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

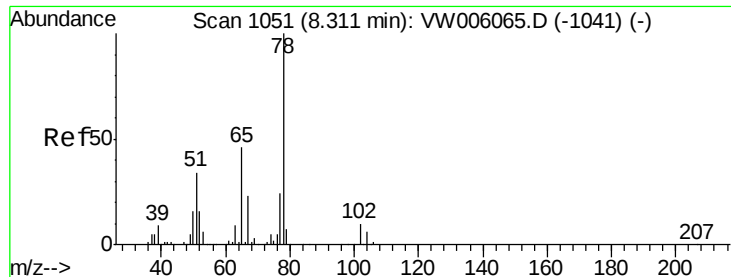
Tgt Ion: 56 Resp: 61683
Ion Ratio Lower Upper
56 100
69 39.4 29.4 44.0
84 98.6 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 21.228 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 97 Resp: 66455
Ion Ratio Lower Upper
97 100
99 64.7 50.9 76.3
61 43.0 33.7 50.5

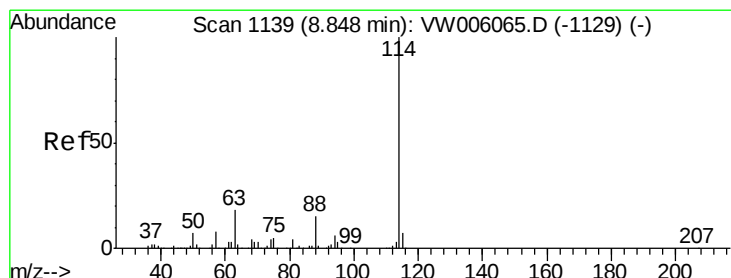
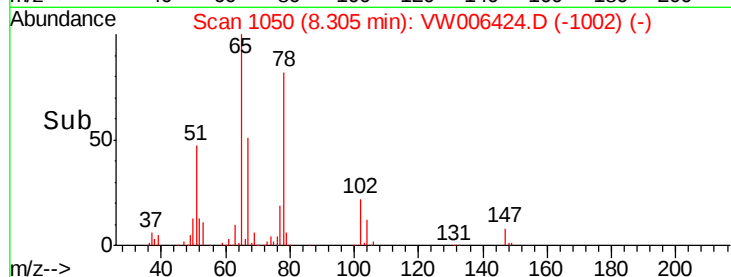
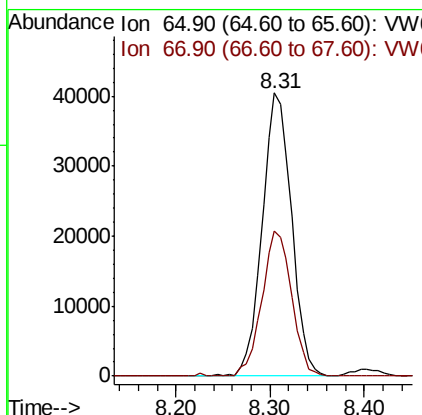
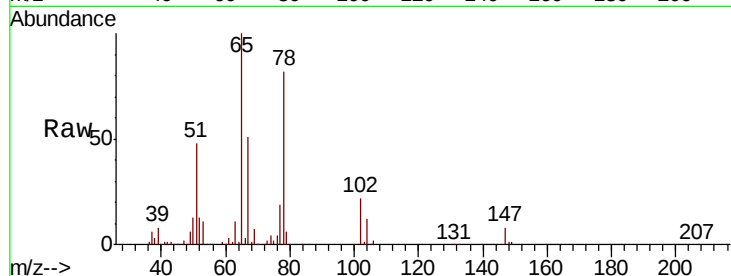




#33
 1,2-Dichloroethane-d4
 Concen: 51.036 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

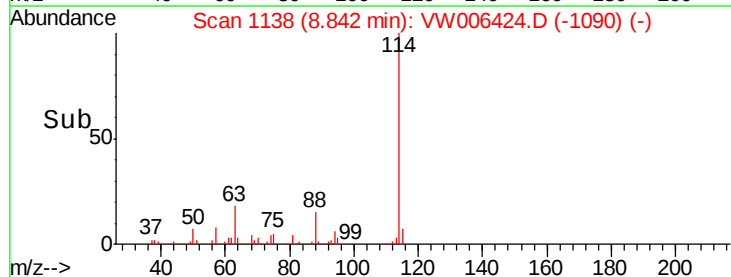
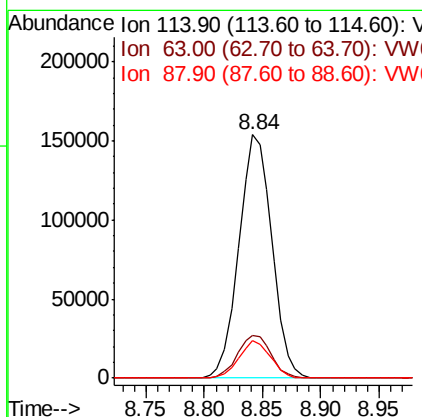
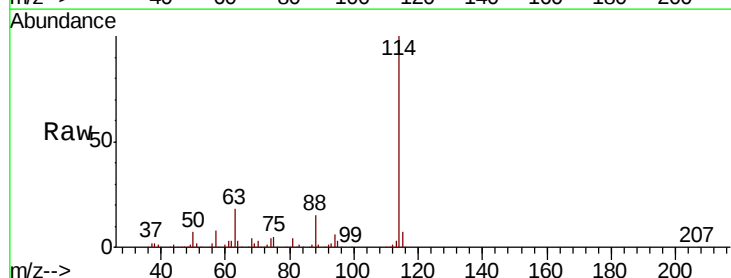
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Tgt Ion: 65 Resp: 88473
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 114 Resp: 304310
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.896 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

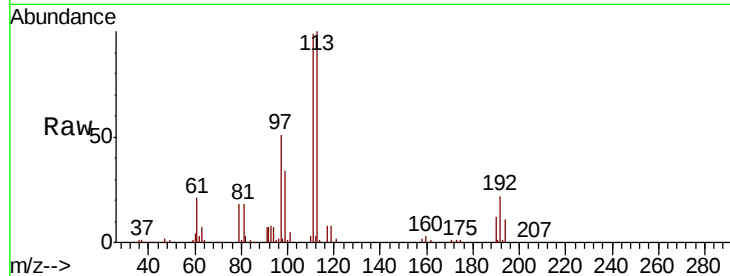
Tgt Ion:113 Resp: 91518

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

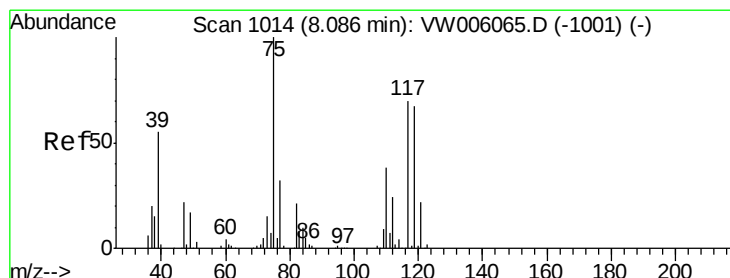
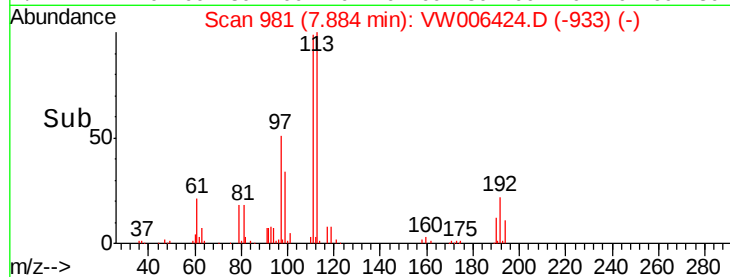
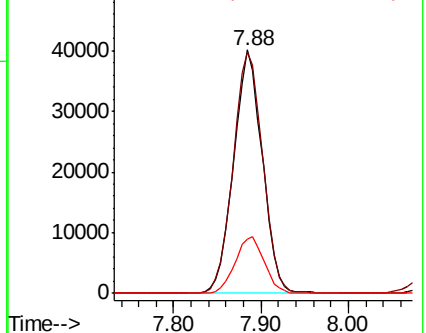
192 23.5 18.7 28.1



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: 21.757 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

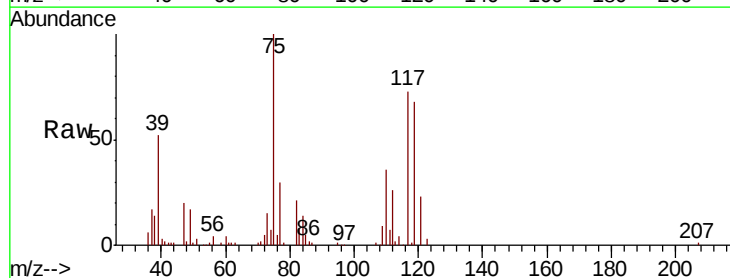
Tgt Ion: 75 Resp: 61026

Ion Ratio Lower Upper

75 100

110 38.9 19.1 57.1

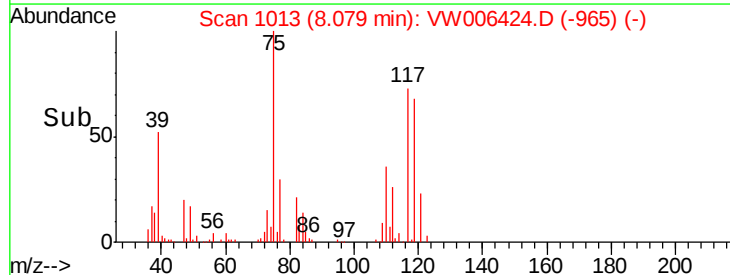
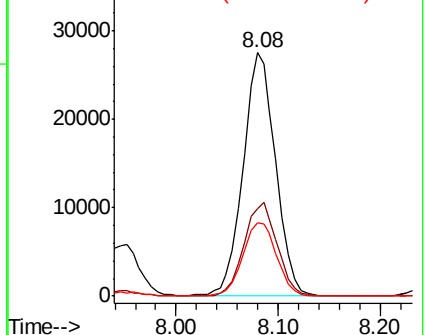
77 31.4 25.0 37.4

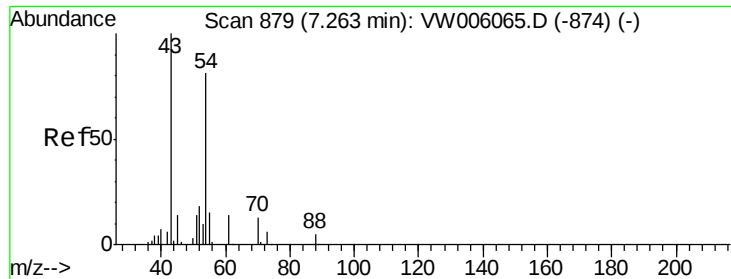


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

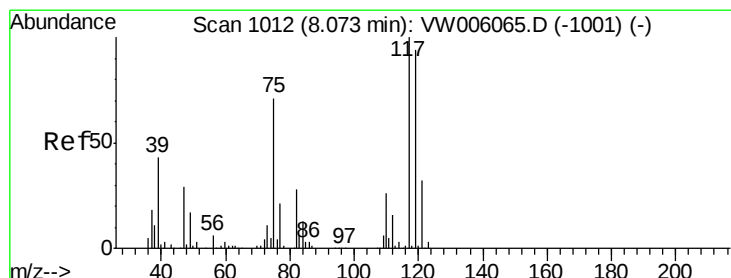
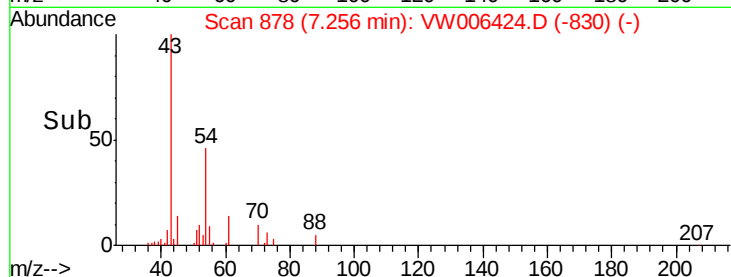
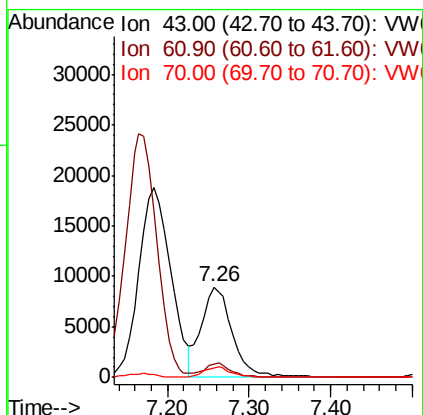
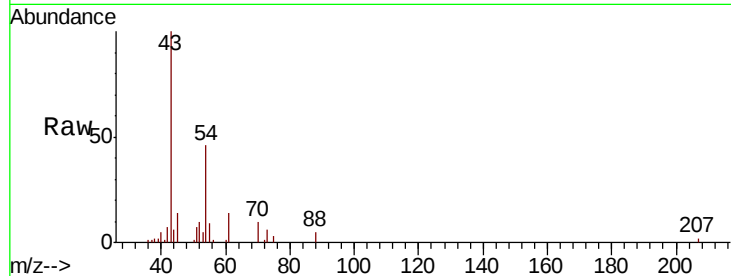




#37
 Ethyl Acetate
 Concen: 22.959 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

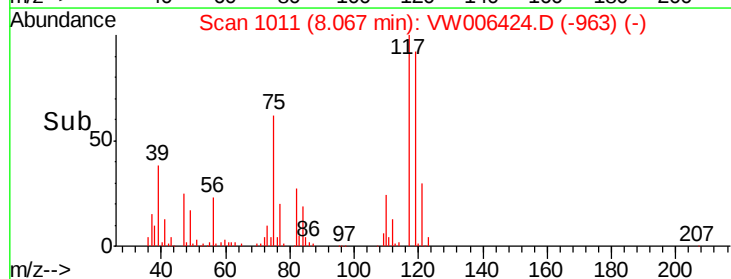
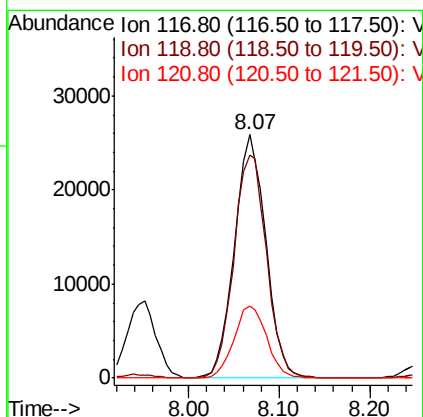
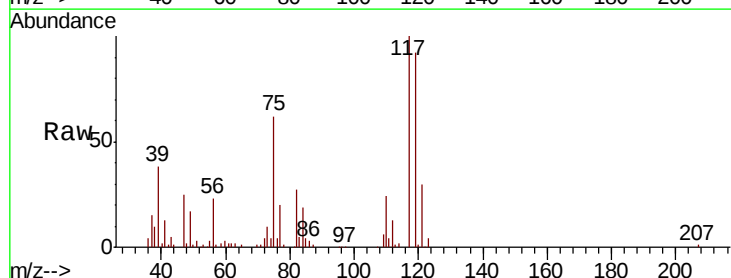
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

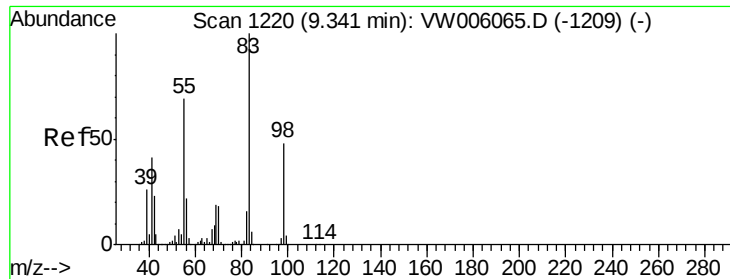
Tgt Ion: 43 Resp: 23926
 Ion Ratio Lower Upper
 43 100
 61 13.9 11.5 17.3
 70 10.3 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 20.225 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 117 Resp: 62188
 Ion Ratio Lower Upper
 117 100
 119 91.6 75.2 112.8
 121 29.6 25.3 37.9

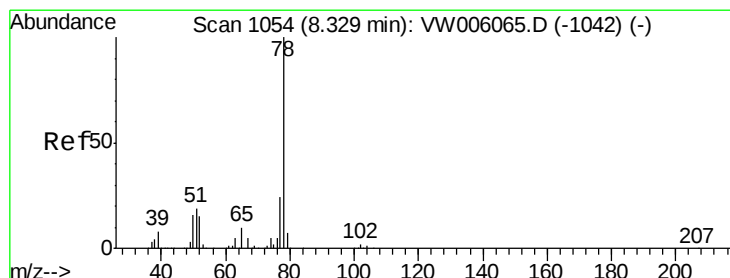
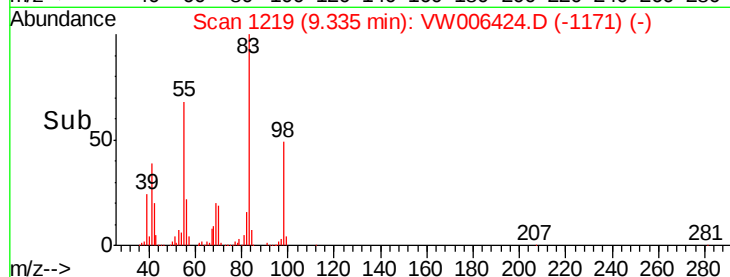
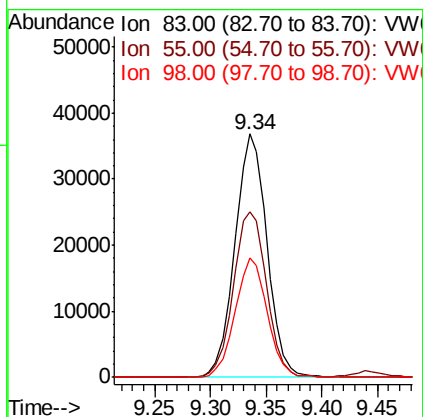
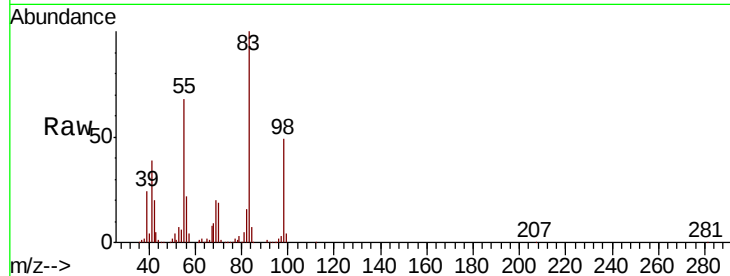




#39
Methylcyclohexane
Concen: 19.715 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

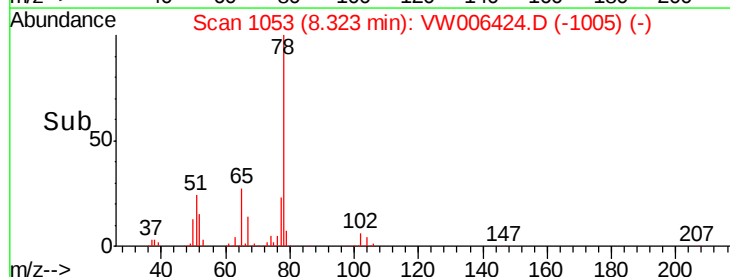
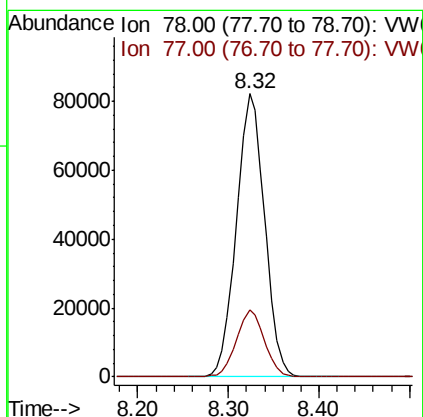
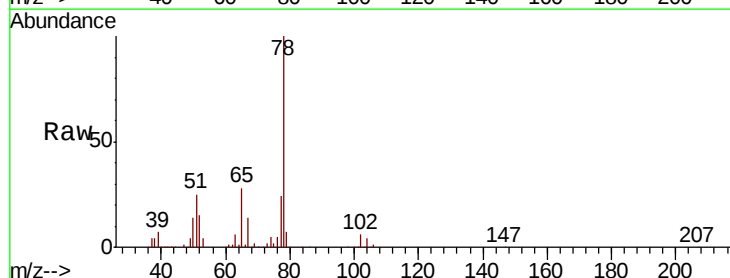
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

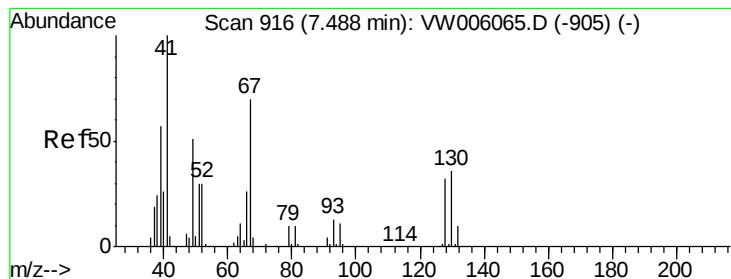
Tgt Ion: 83 Resp: 73505
Ion Ratio Lower Upper
83 100
55 68.0 55.0 82.6
98 49.2 38.6 57.8



#40
Benzene
Concen: 23.021 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 78 Resp: 177124
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41

Methacrylonitrile

Concen: 22.605 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

Tgt Ion: 41 Resp: 14201

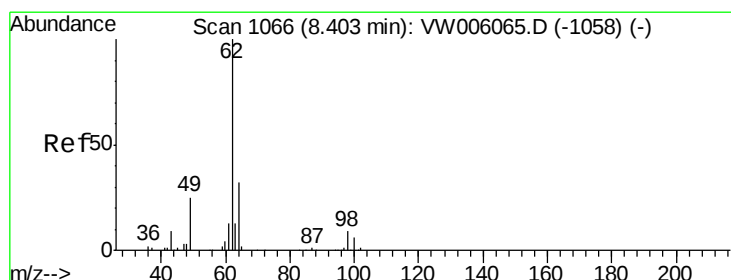
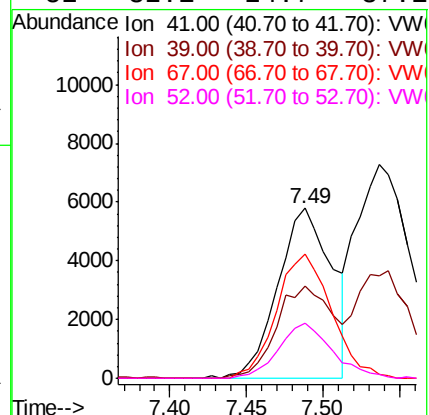
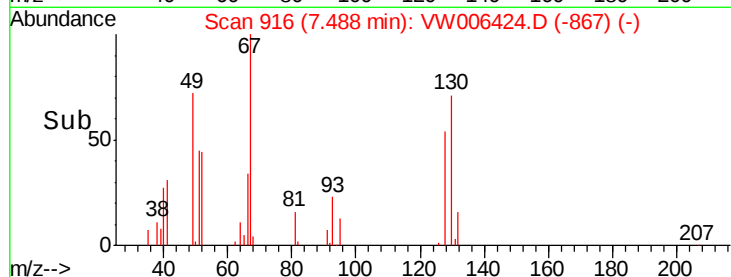
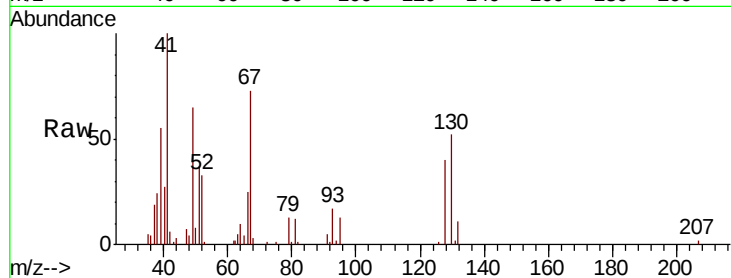
Ion Ratio Lower Upper

41 100

39 56.4 46.2 69.4

67 74.3 57.7 86.5

52 32.1 24.7 37.1



#42

1,2-Dichloroethane

Concen: 23.203 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006424.D

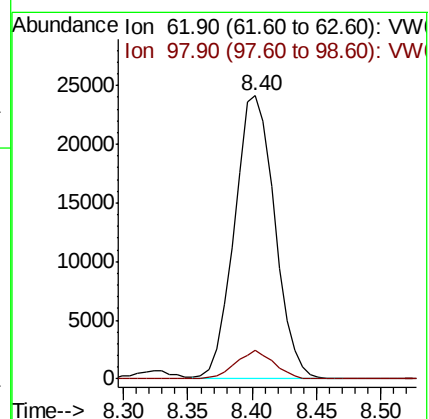
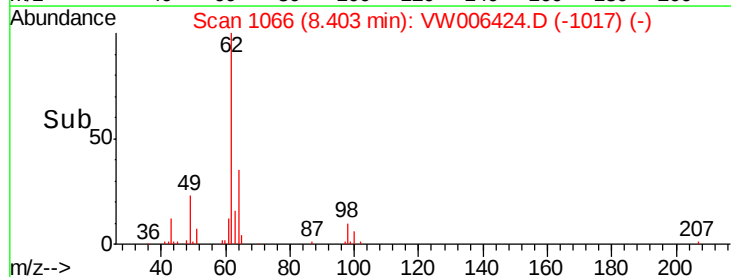
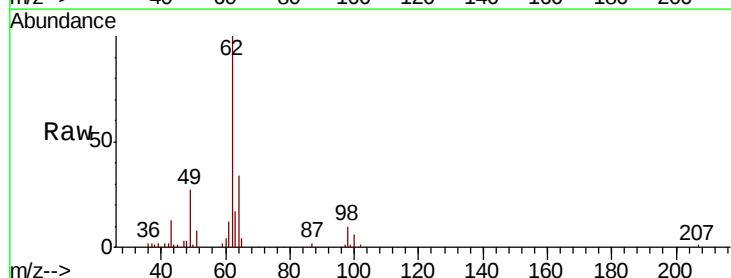
Acq: 27 Oct 2018 01:49

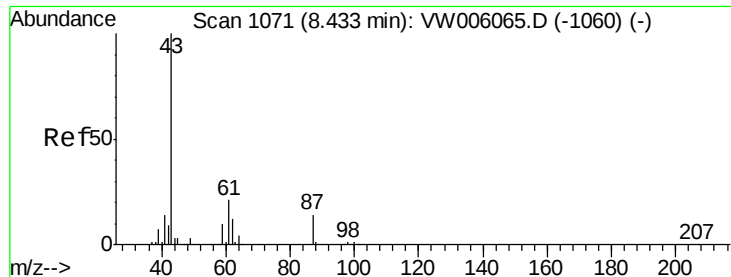
Tgt Ion: 62 Resp: 52451

Ion Ratio Lower Upper

62 100

98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 20.525 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

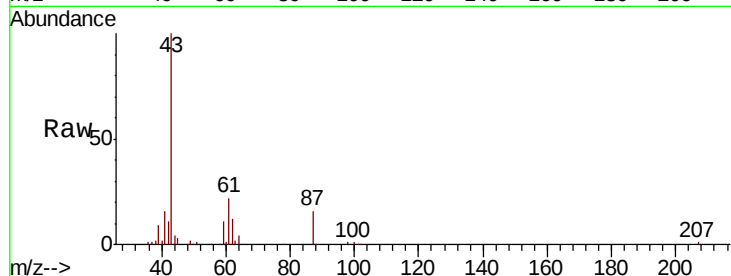
Tgt Ion: 43 Resp: 43735

Ion Ratio Lower Upper

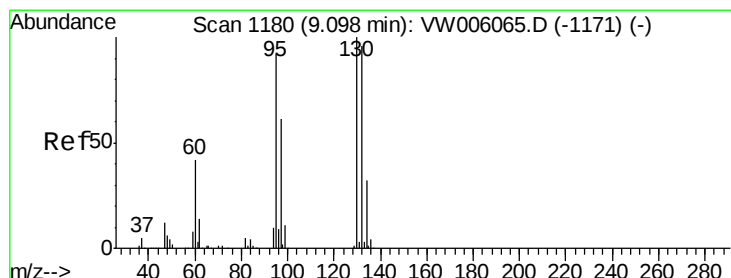
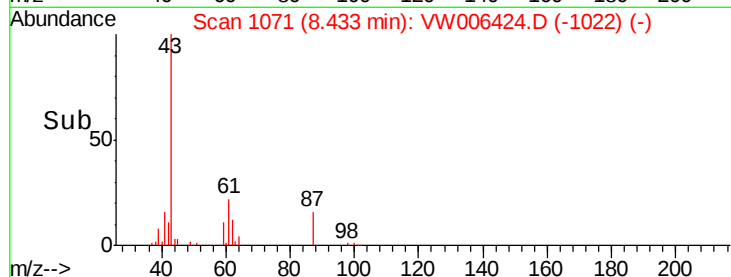
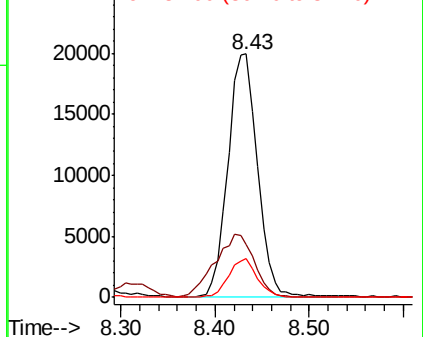
43 100

61 34.0 25.5 38.3

87 15.2 11.7 17.5



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



#44

Trichloroethene

Concen: 22.502 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006424.D

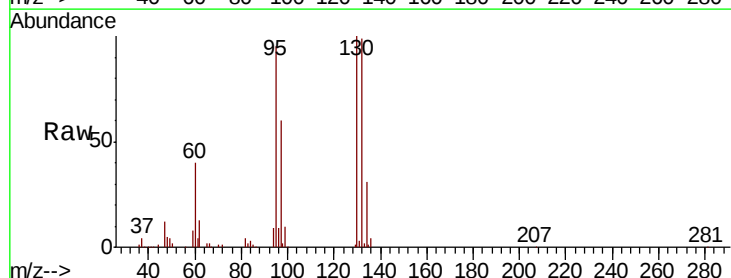
Acq: 27 Oct 2018 01:49

Tgt Ion: 130 Resp: 53116

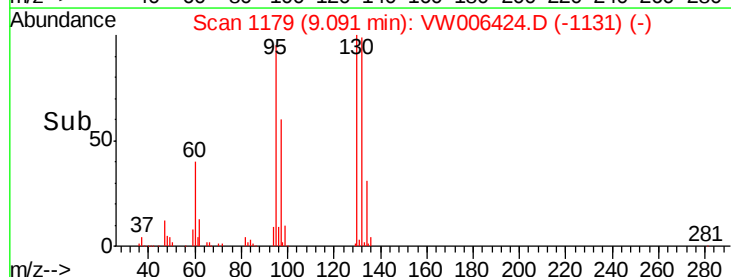
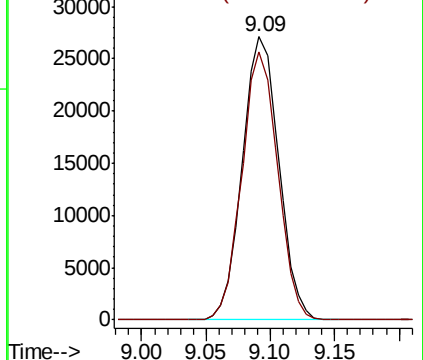
Ion Ratio Lower Upper

130 100

95 94.7 0.0 183.2



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





#45

1,2-Dichloropropane

Concen: 22.643 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

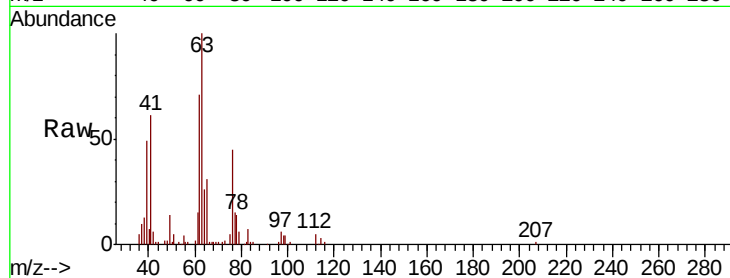
VW1029SBS01

Tgt Ion: 63 Resp: 41689

Ion Ratio Lower Upper

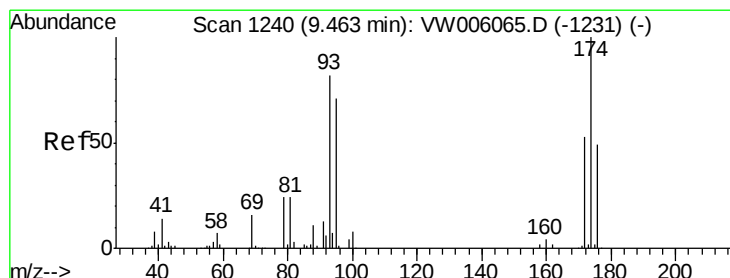
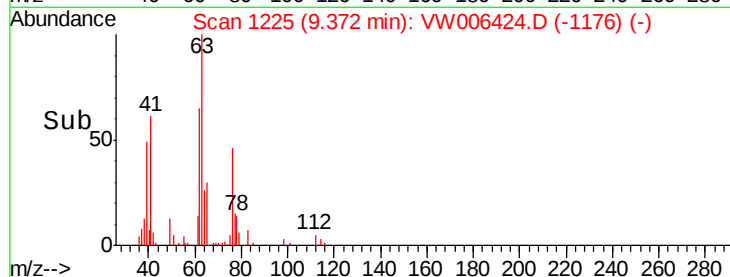
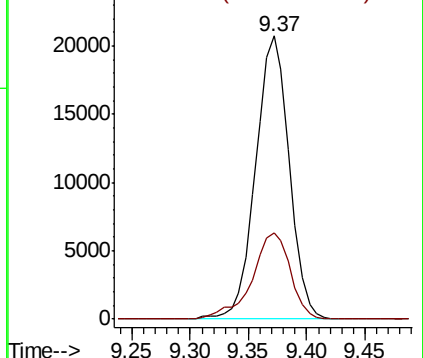
63 100

65 30.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 22.971 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

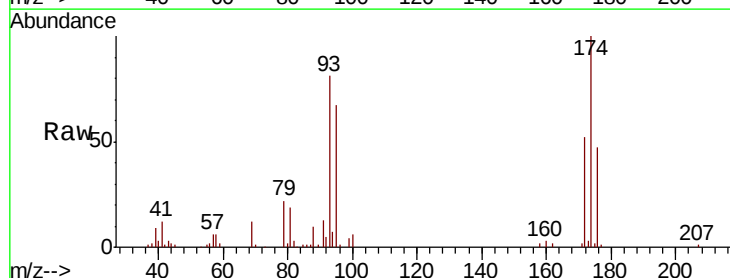
Tgt Ion: 93 Resp: 24105

Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

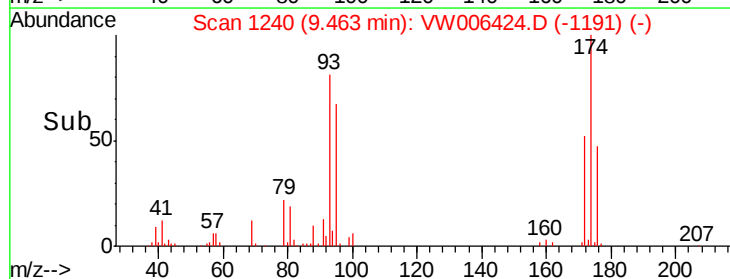
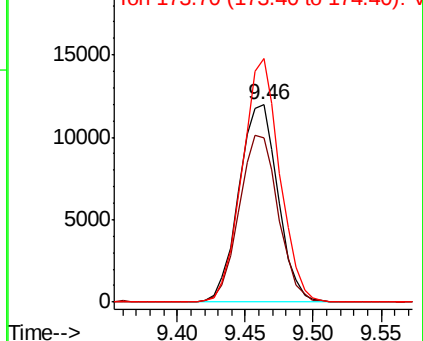
174 118.3 93.7 140.5



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.497 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

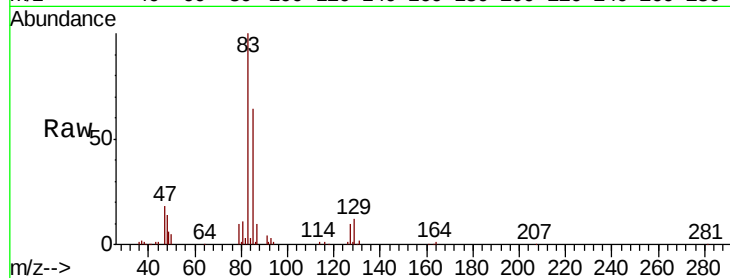
Tgt Ion: 83 Resp: 54691

Ion Ratio Lower Upper

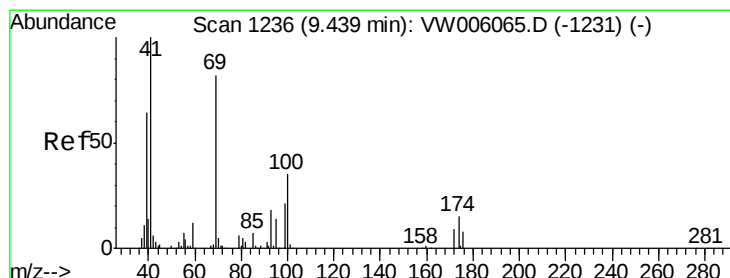
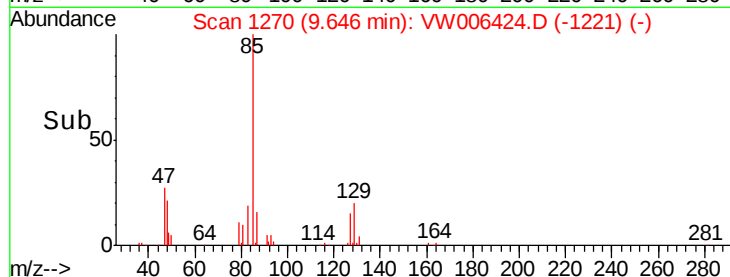
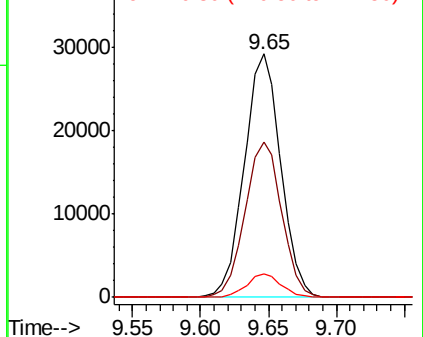
83 100

85 63.9 51.8 77.8

127 9.8 6.9 10.3



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



#48

Methyl methacrylate

Concen: 21.076 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

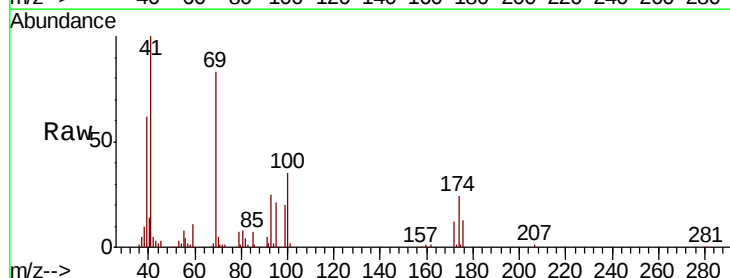
Tgt Ion: 41 Resp: 21287

Ion Ratio Lower Upper

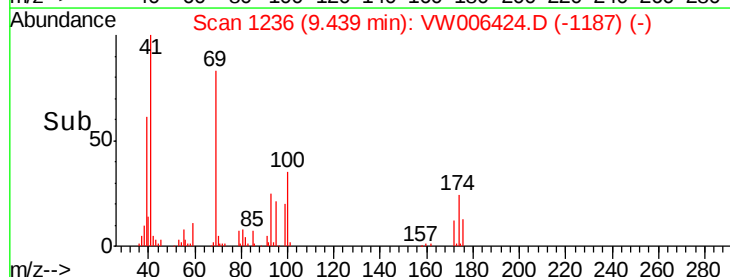
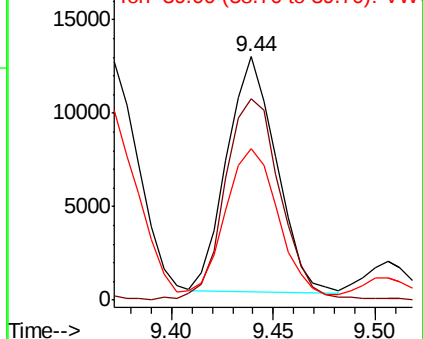
41 100

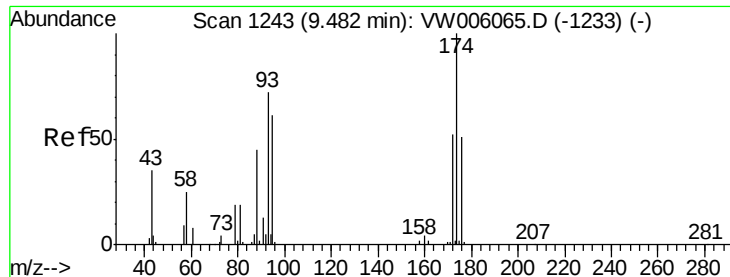
69 95.5 71.8 107.8

39 70.7 52.5 78.7



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

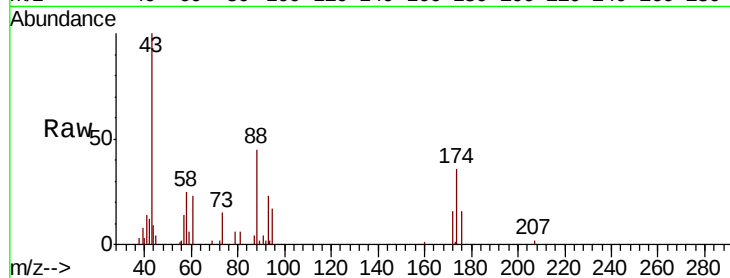




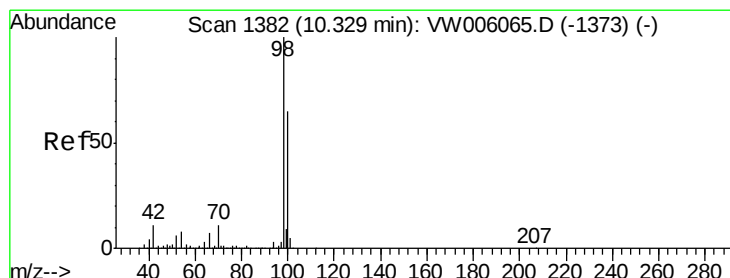
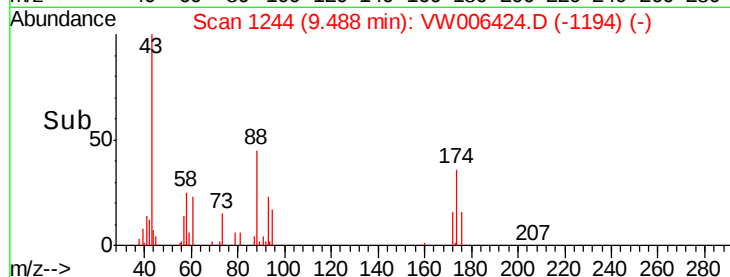
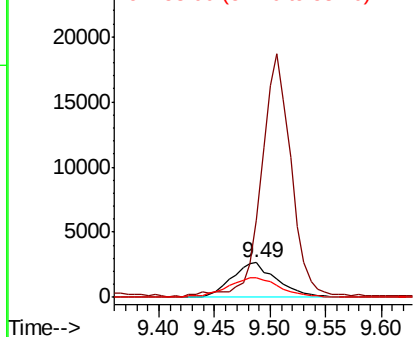
#49
1,4-Dioxane
Concen: 466.250 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tgt Ion: 88 Resp: 7532
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.5 51.2 76.8

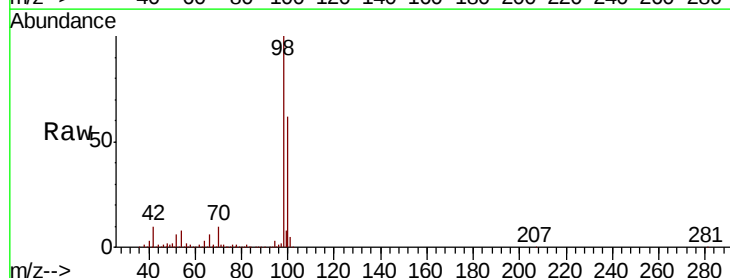


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

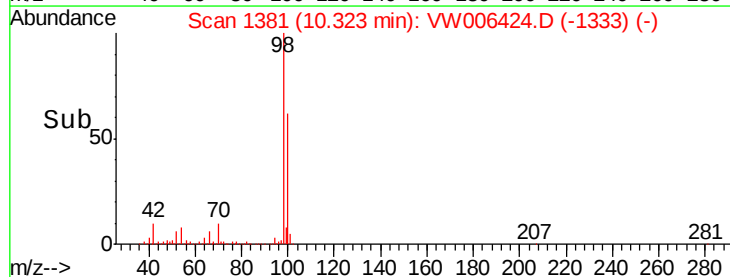
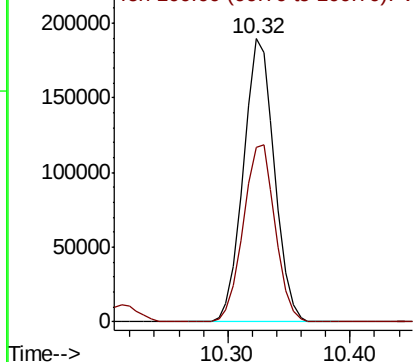


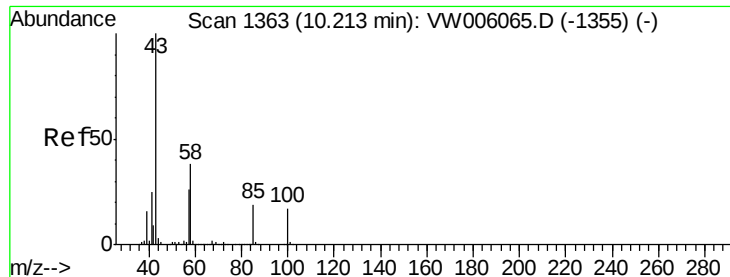
#50
Toluene-d8
Concen: 48.738 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 98 Resp: 333418
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

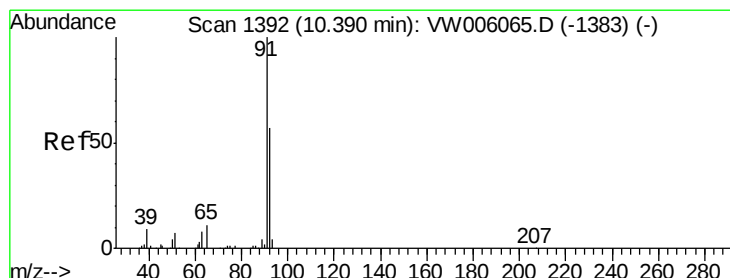
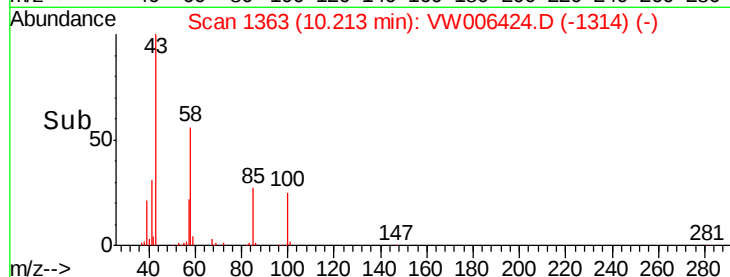
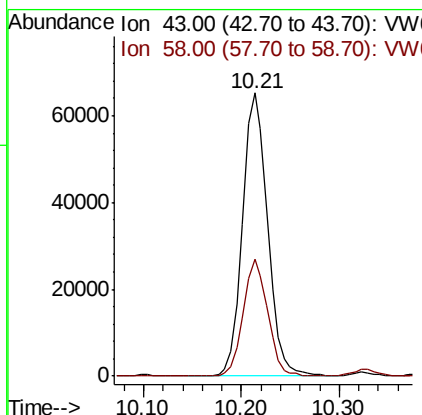
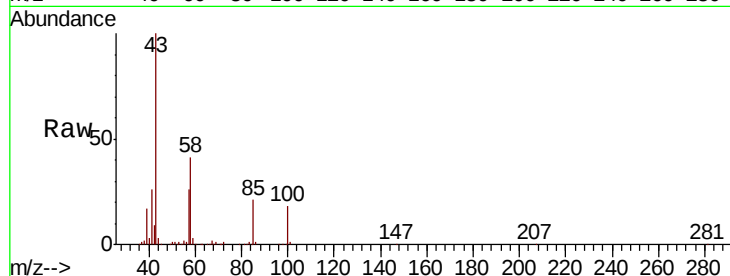




#51
 4-Methyl-2-Pentanone
 Concen: 108.937 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

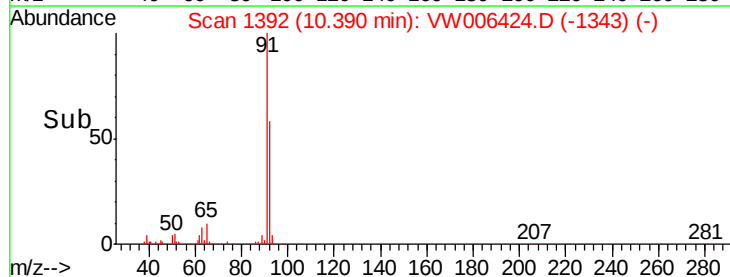
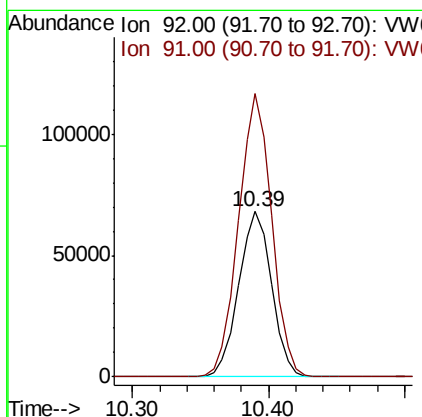
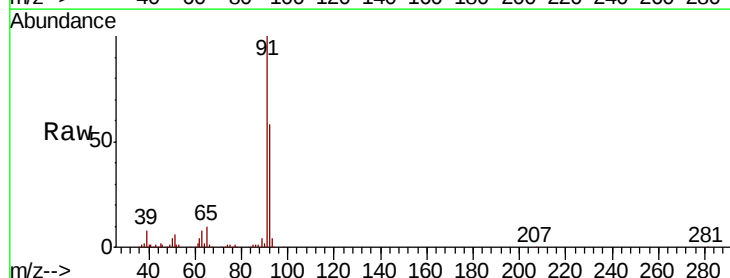
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

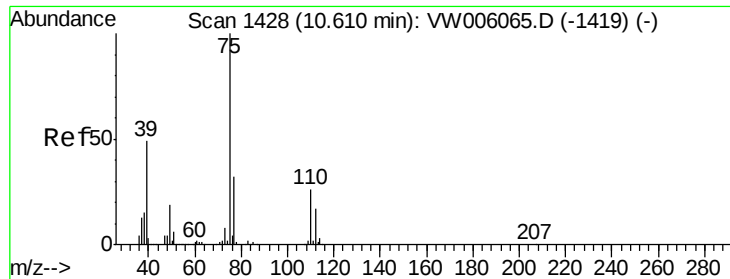
Tgt Ion: 43 Resp: 116301
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3



#52
 Toluene
 Concen: 22.353 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 92 Resp: 115303
 Ion Ratio Lower Upper
 92 100
 91 172.0 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.946 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

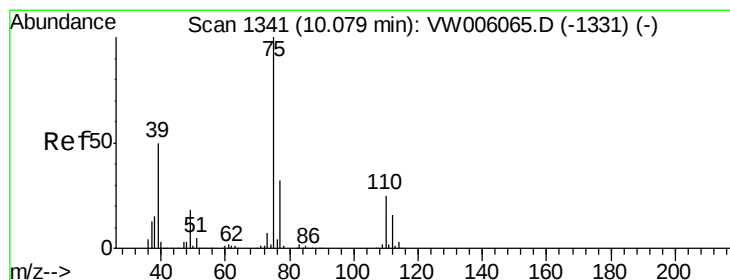
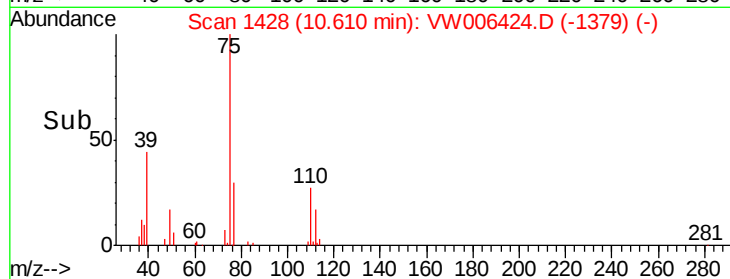
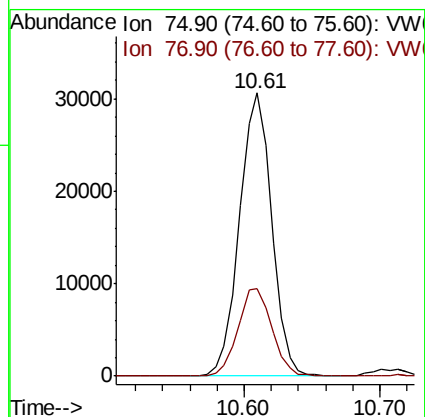
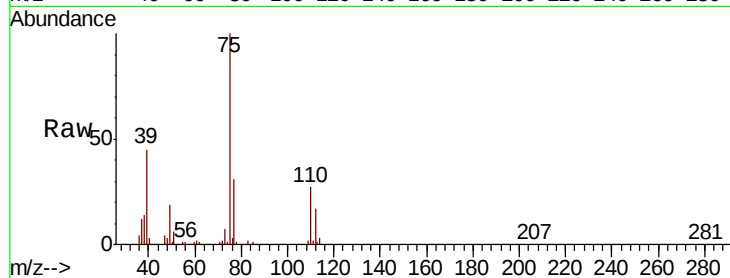
VW1029SBS01

Tgt Ion: 75 Resp: 50559

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.823 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

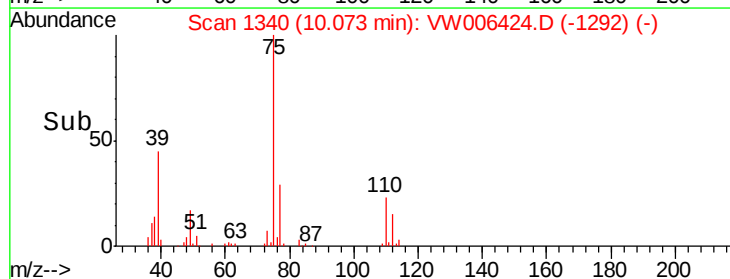
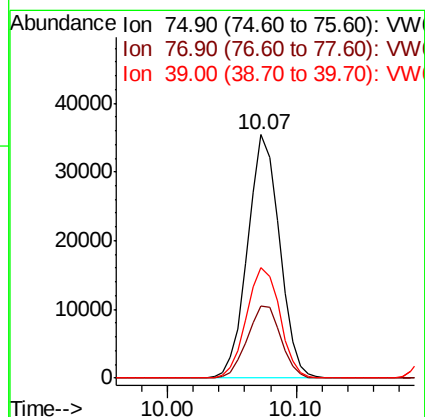
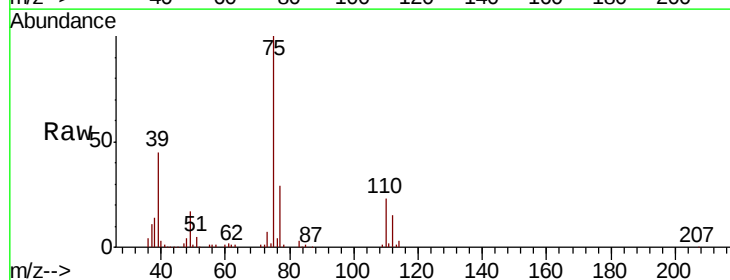
Tgt Ion: 75 Resp: 60577

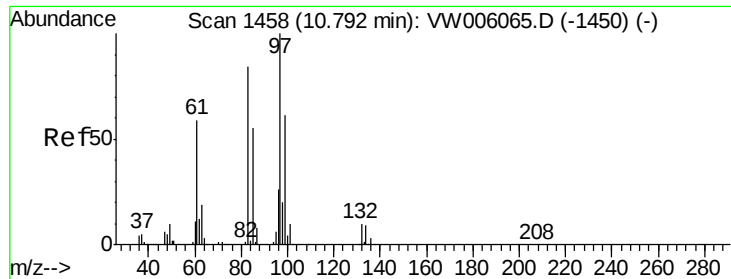
Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8

39 45.4 39.9 59.9

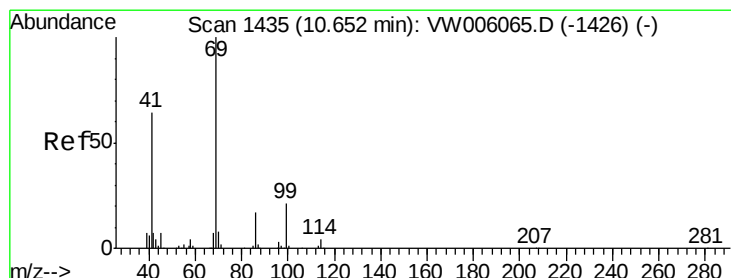
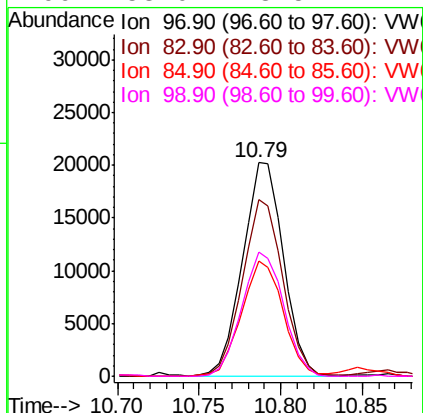
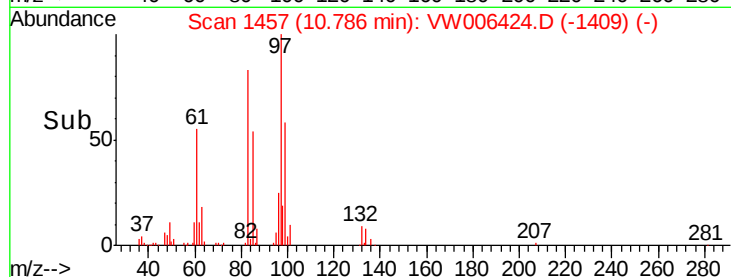
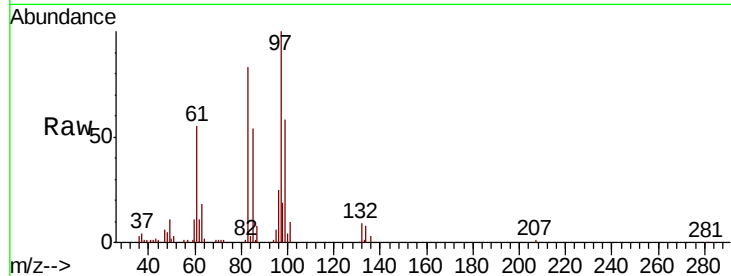




#55
 1,1,2-Trichloroethane
 Concen: 24.028 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

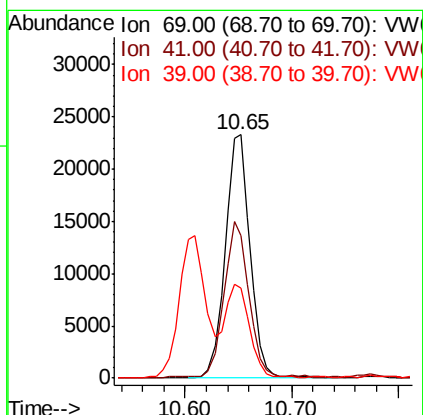
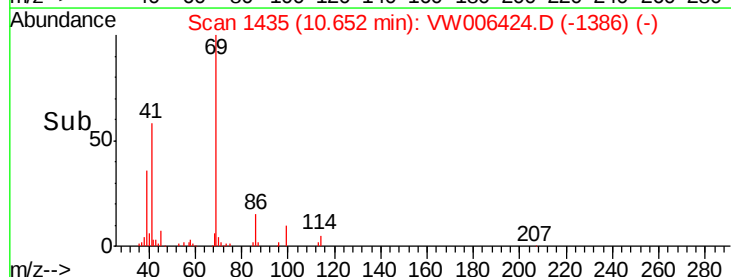
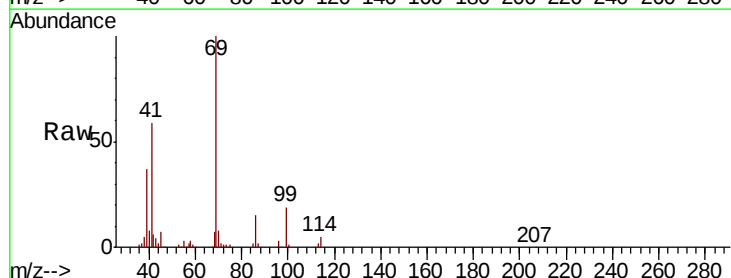
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

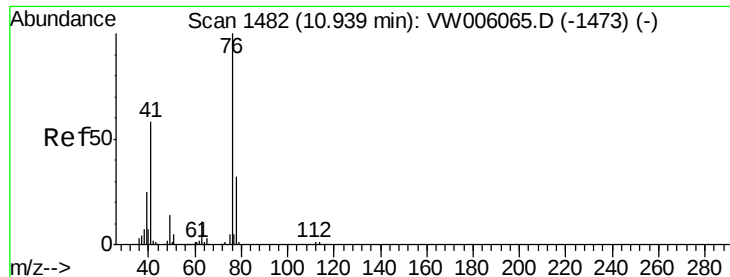
Tgt Ion: 97 Resp: 35284
 Ion Ratio Lower Upper
 97 100
 83 82.8 67.2 100.8
 85 54.1 43.7 65.5
 99 58.0 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 21.054 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 69 Resp: 37901
 Ion Ratio Lower Upper
 69 100
 41 64.0 52.8 79.2
 39 38.9 30.6 45.8

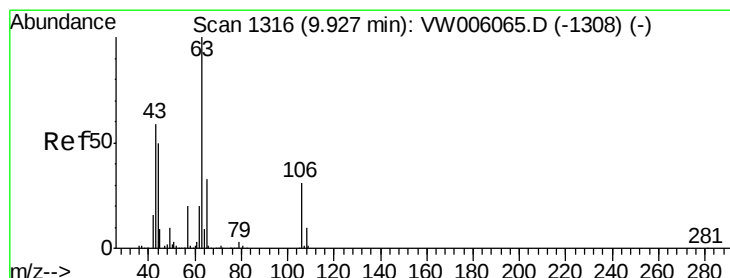
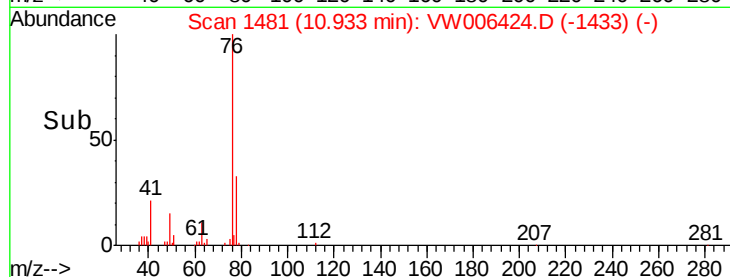
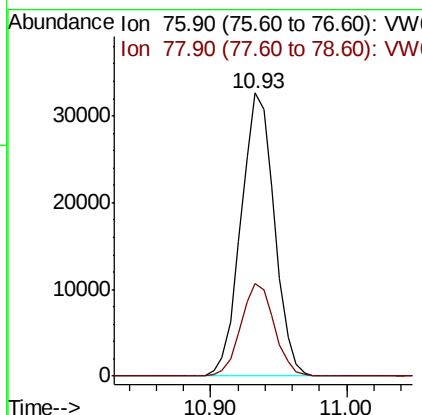
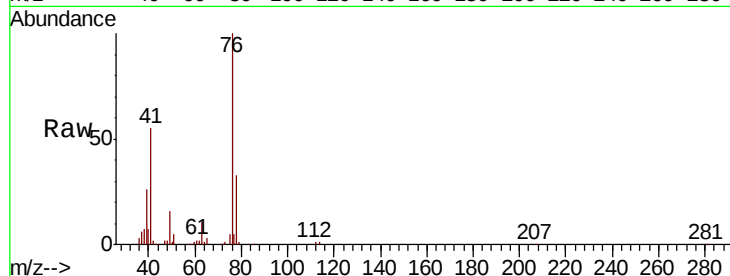




#57
 1,3-Dichloropropane
 Concen: 23.030 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

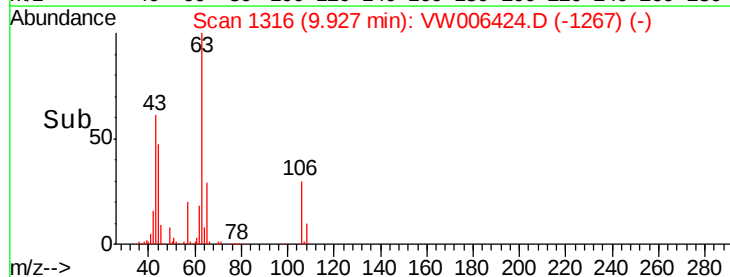
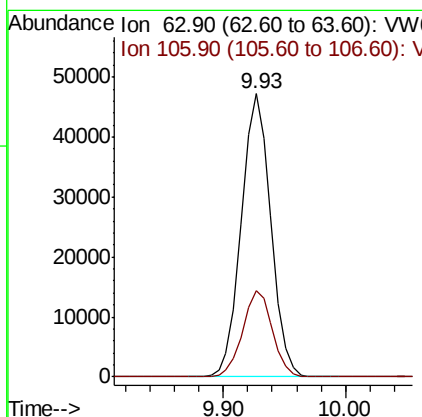
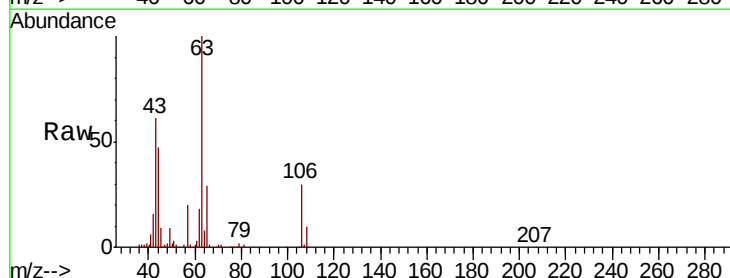
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

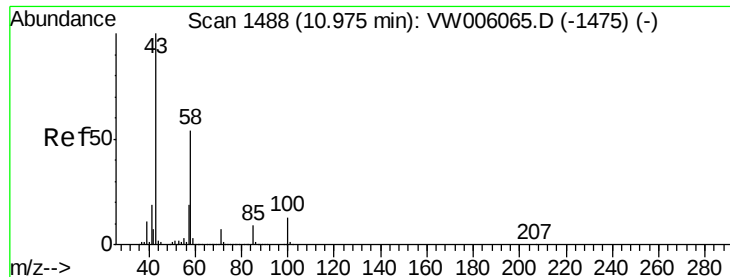
Tgt Ion: 76 Resp: 55982
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.671 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 63 Resp: 78880
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.5 36.7

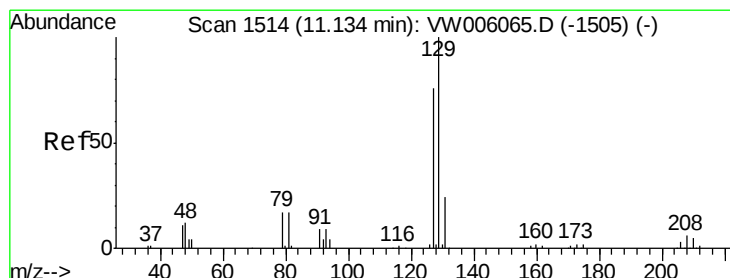
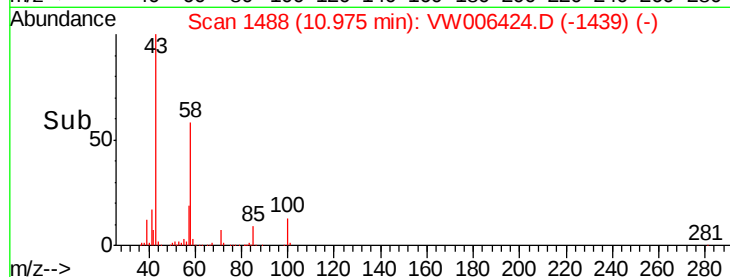
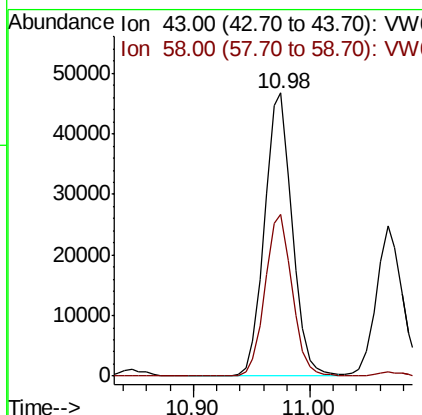
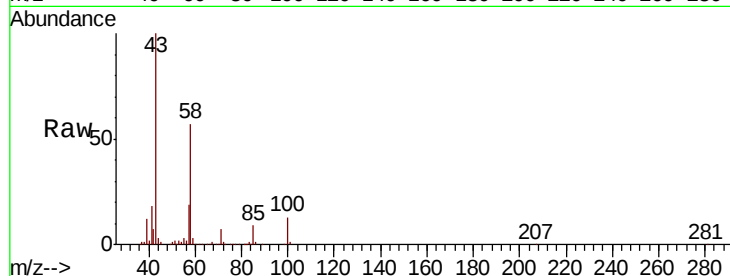




#59
2-Hexanone
Concen: 100.491 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

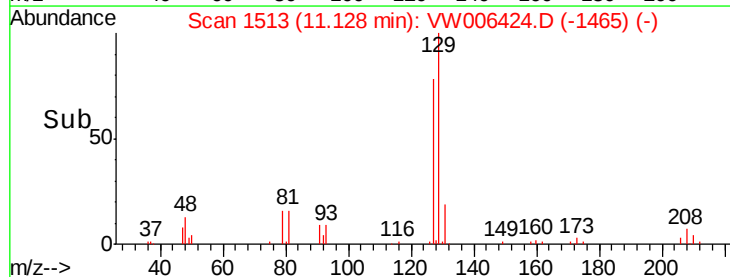
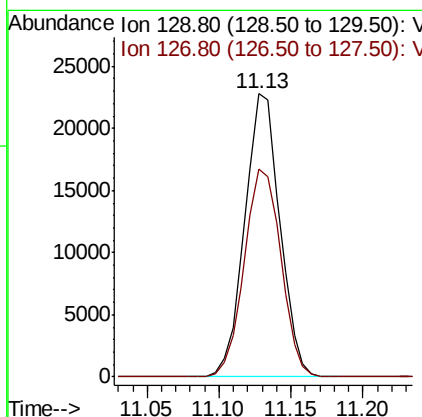
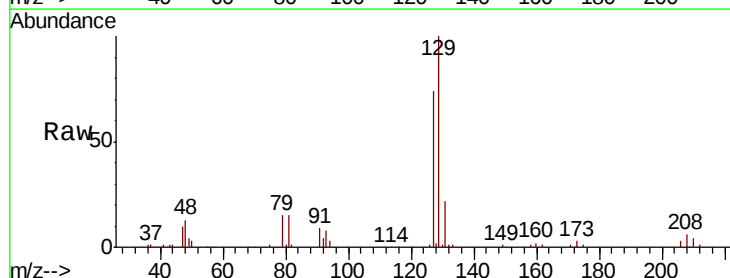
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

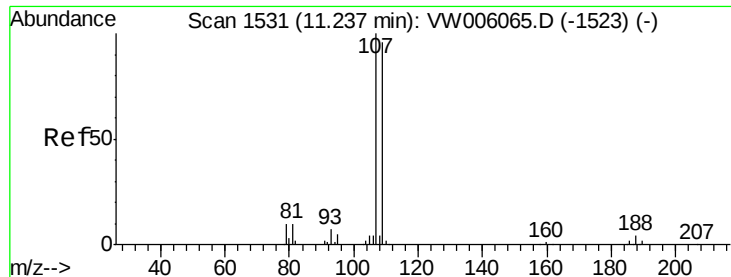
Tgt Ion: 43 Resp: 76583
Ion Ratio Lower Upper
43 100
58 55.9 26.9 80.6



#60
Dibromochloromethane
Concen: 21.025 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 129 Resp: 38457
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

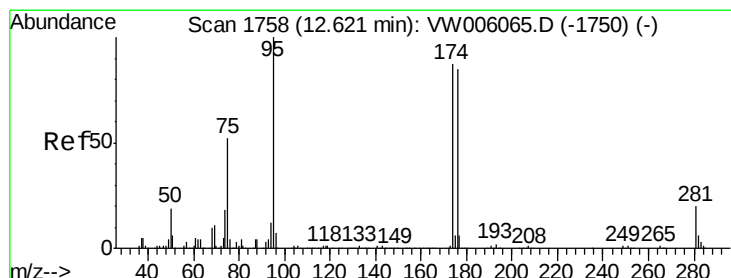
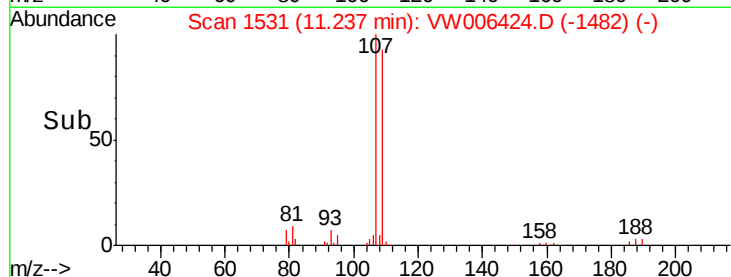
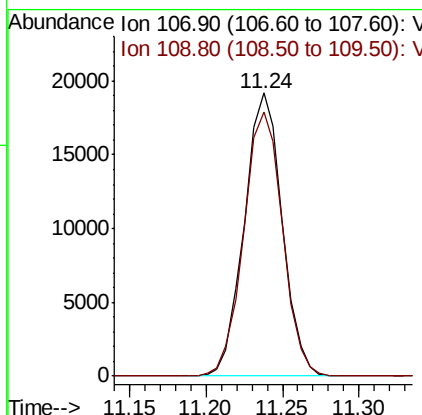
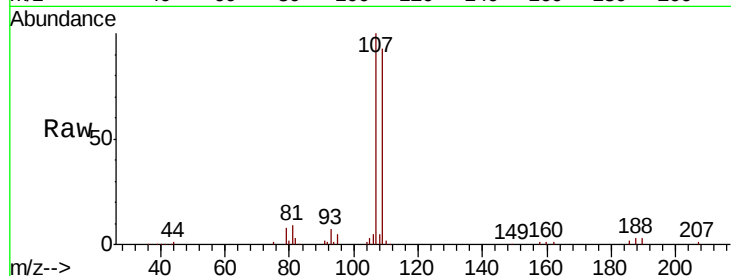




#61
 1,2-Dibromoethane
 Concen: 22.550 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

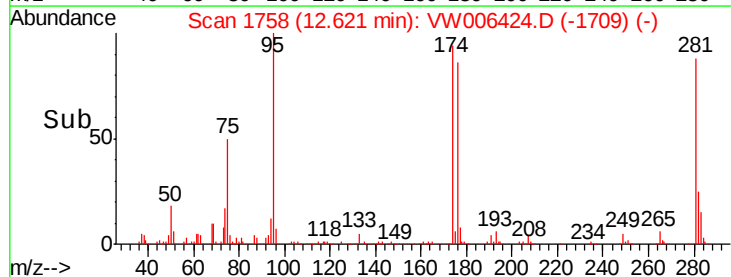
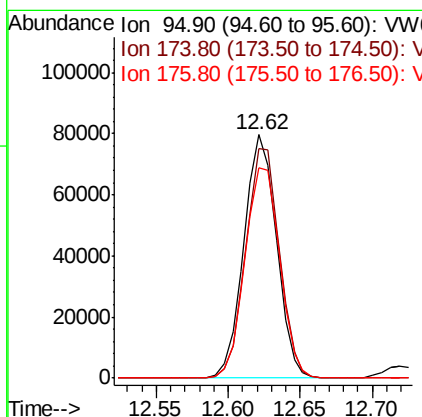
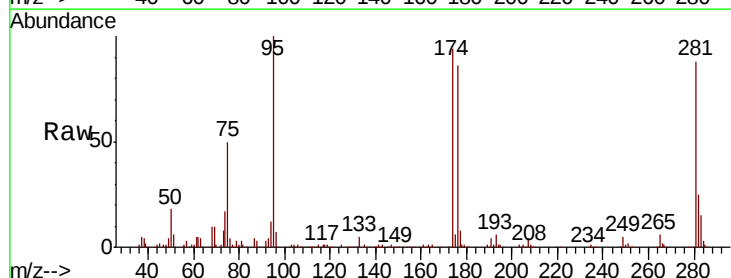
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

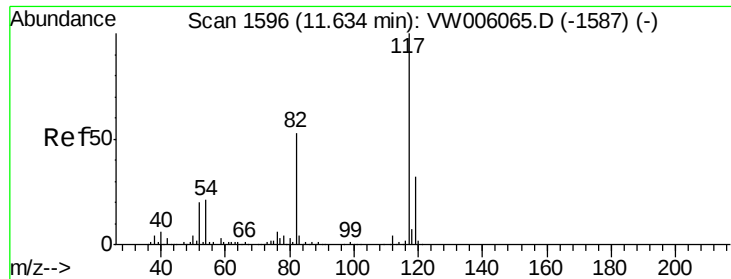
Tgt Ion: 107 Resp: 33087
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.576 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion: 95 Resp: 124812
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 186.0
 176 92.3 0.0 181.6

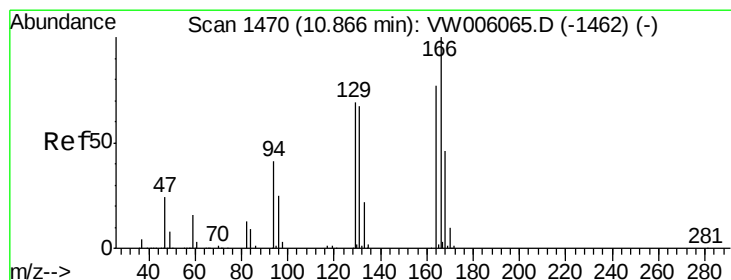
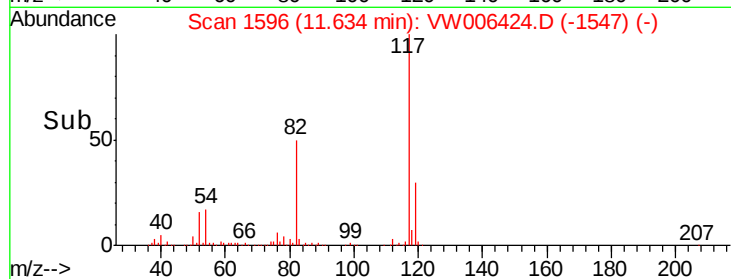
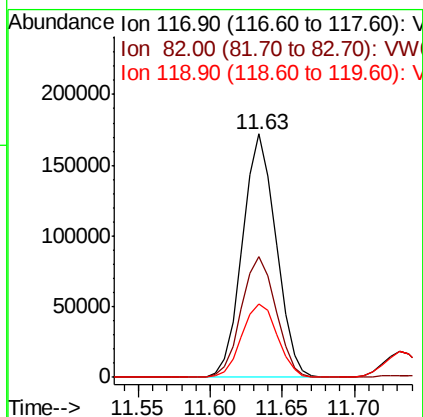
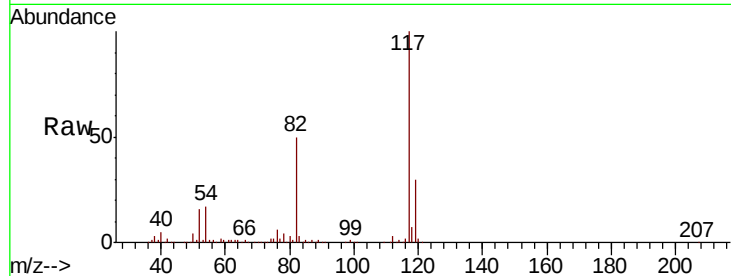




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

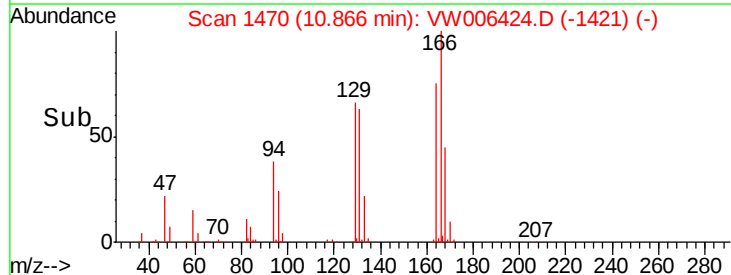
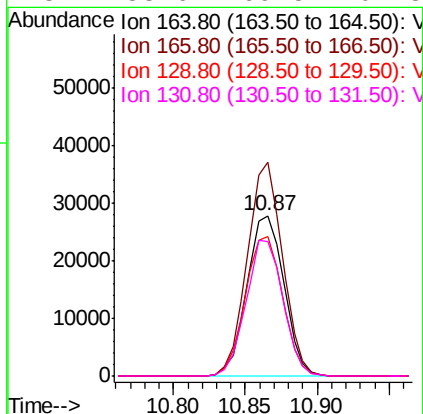
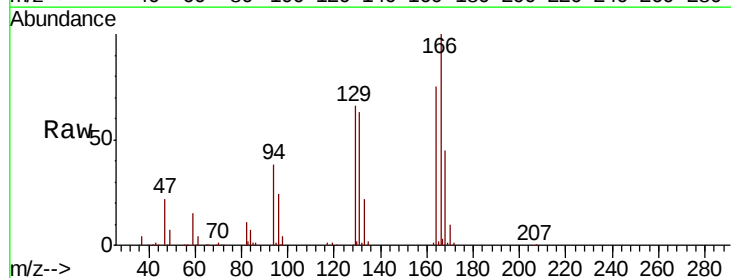
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

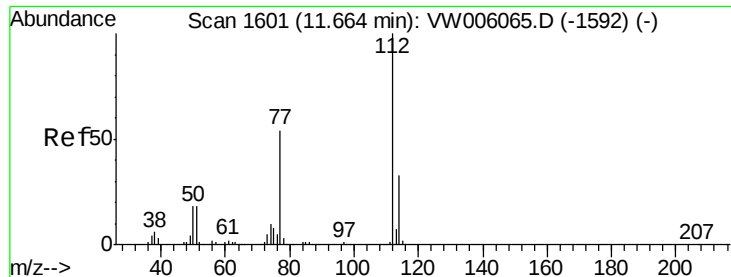
Tgt Ion:117 Resp: 278125
Ion Ratio Lower Upper
117 100
82 49.8 42.1 63.1
119 30.1 25.8 38.6



#64
Tetrachloroethene
Concen: 22.945 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion:164 Resp: 49541
Ion Ratio Lower Upper
164 100
166 133.2 103.4 155.0
129 87.3 71.8 107.8
131 83.6 69.5 104.3

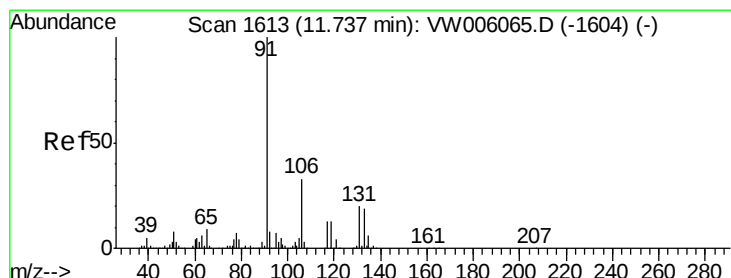
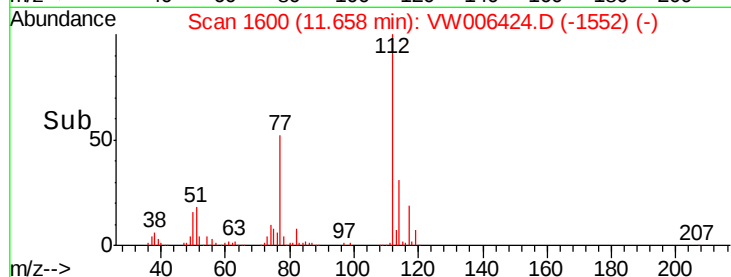
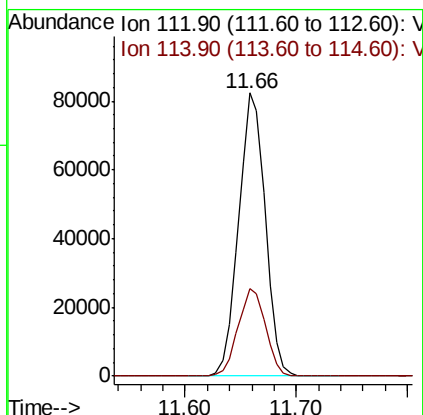
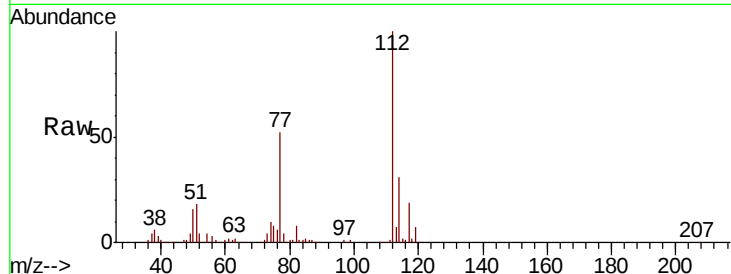




#65
Chlorobenzene
Concen: 22.847 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

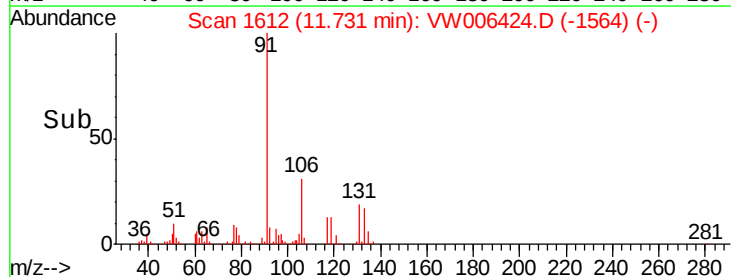
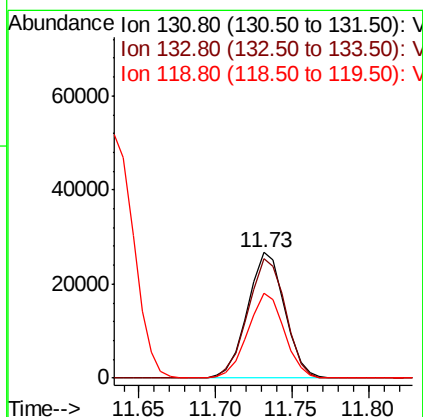
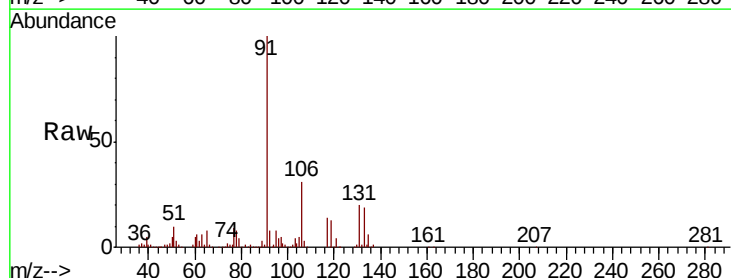
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

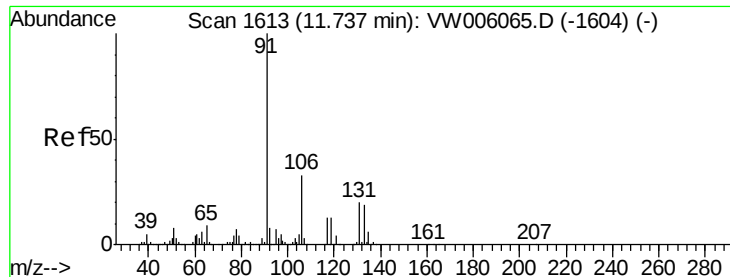
Tgt Ion:112 Resp: 136029
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion:131 Resp: 45243
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 66.3 31.6 94.7

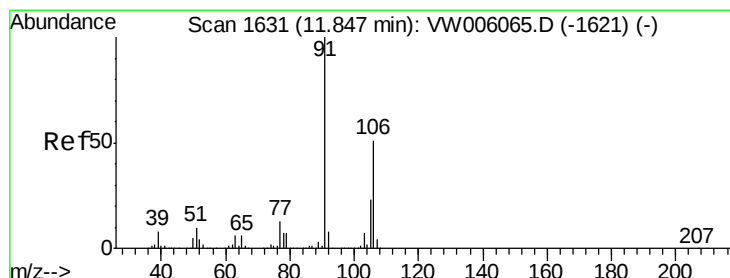
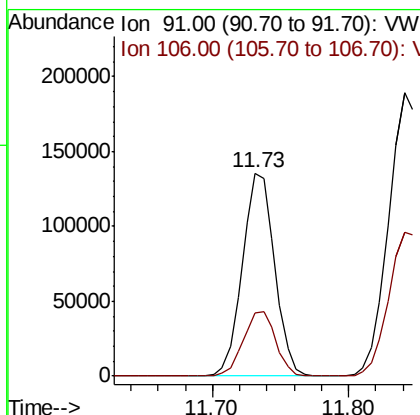
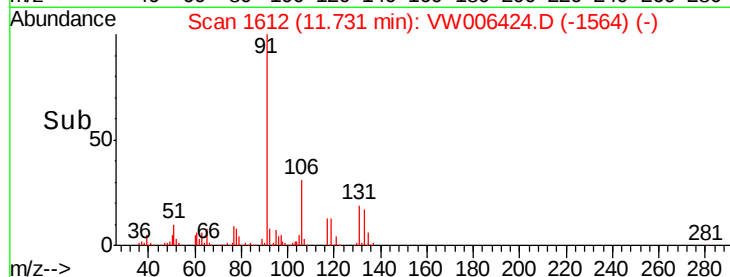
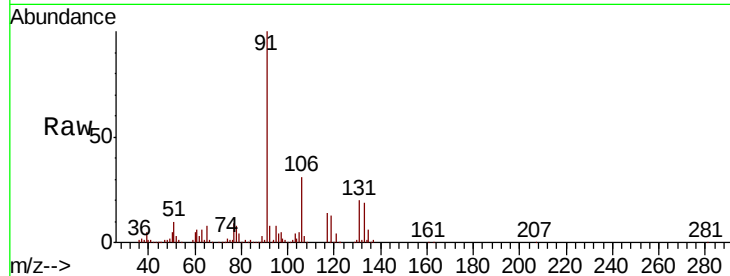




#67
Ethyl Benzene
Concen: 21.725 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

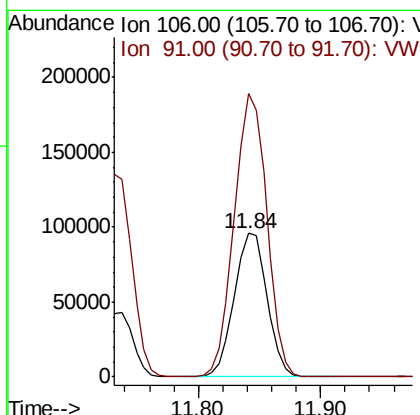
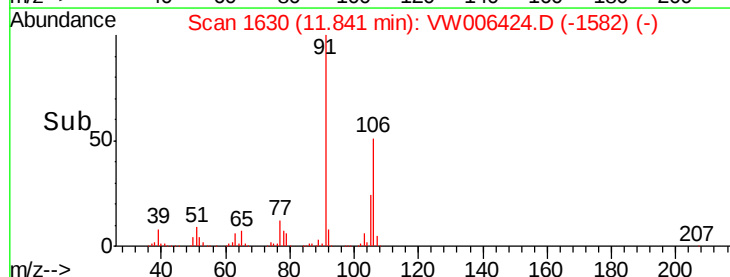
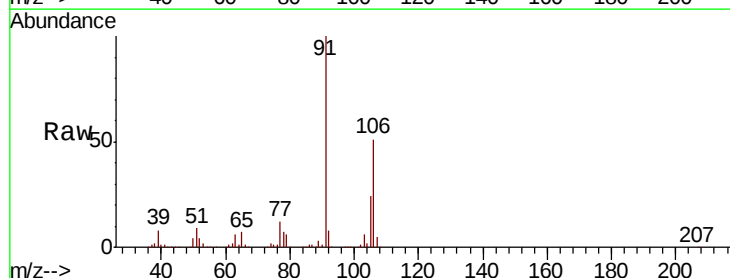
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

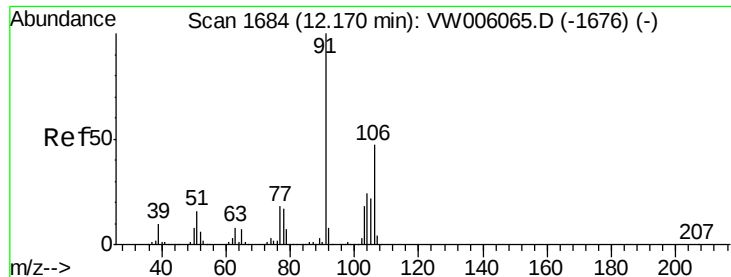
Tgt Ion: 91 Resp: 224161
Ion Ratio Lower Upper
91 100
106 31.2 26.1 39.1



#68
m/p-Xylenes
Concen: 43.651 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion: 106 Resp: 178021
Ion Ratio Lower Upper
106 100
91 197.0 159.1 238.7

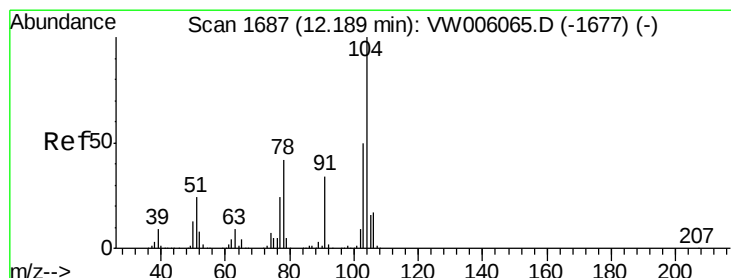
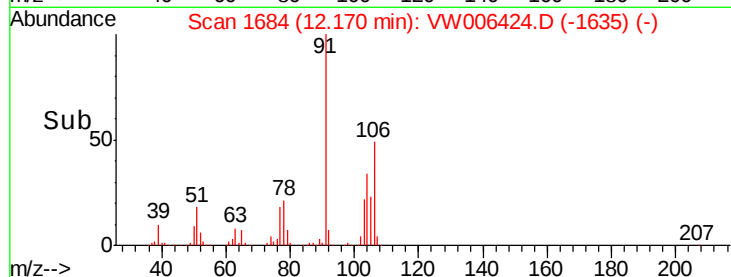
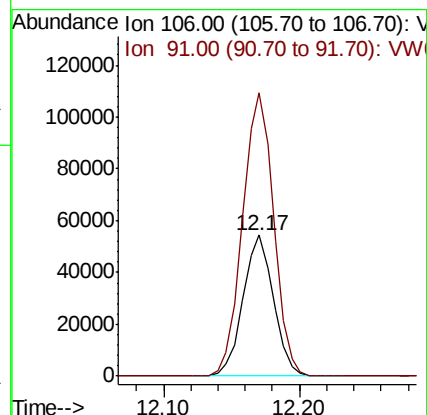
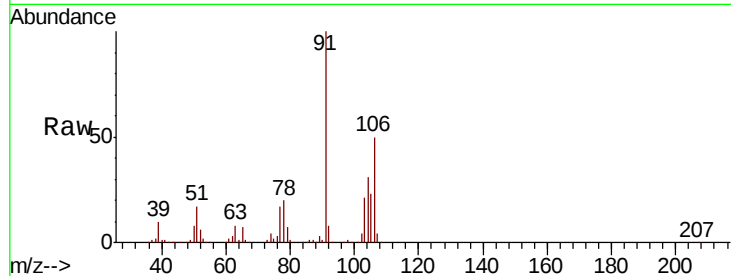




#69
o-Xylene
Concen: 21.882 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

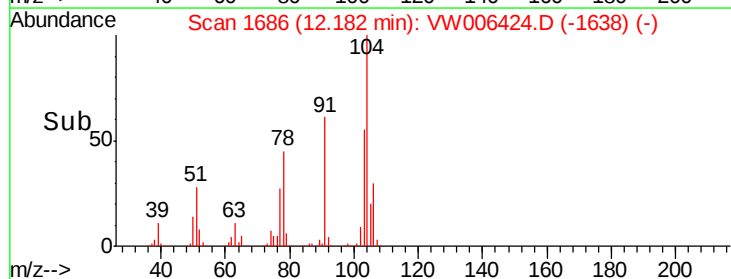
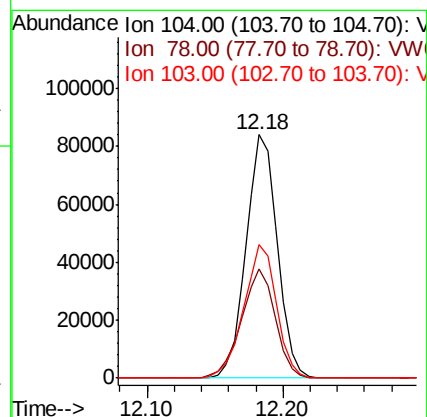
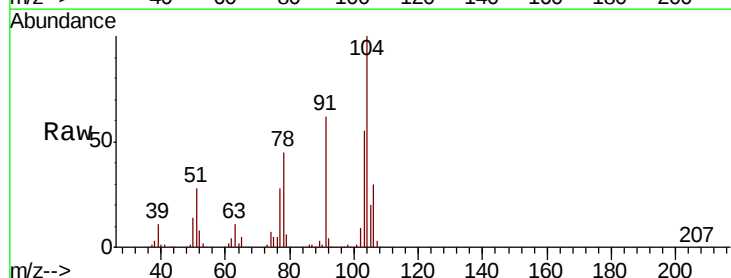
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

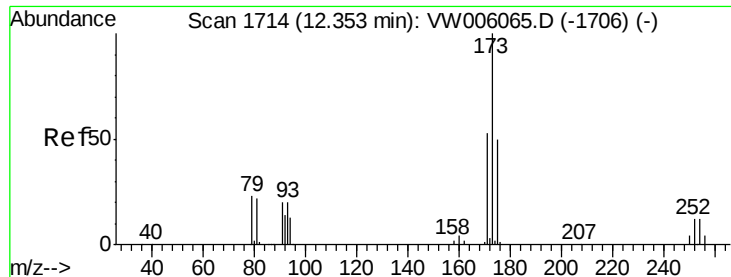
Tgt Ion:106 Resp: 85050
Ion Ratio Lower Upper
106 100
91 205.6 105.4 316.1



#70
Styrene
Concen: 21.449 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion:104 Resp: 135564
Ion Ratio Lower Upper
104 100
78 48.3 39.1 58.7
103 57.3 44.3 66.5





#71

Bromoform

Concen: 19.512 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

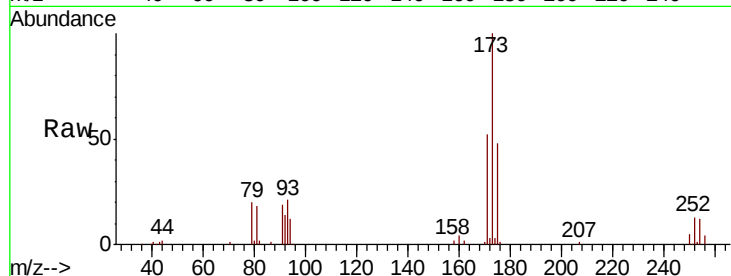
Tgt Ion:173 Resp: 23028

Ion Ratio Lower Upper

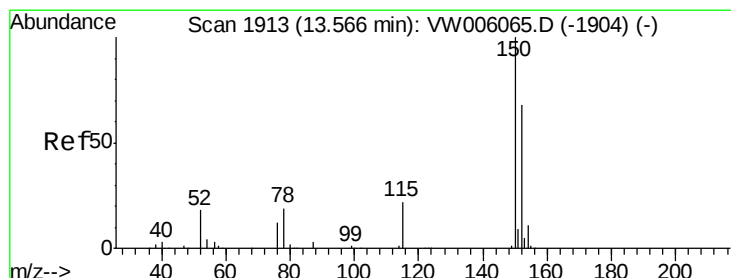
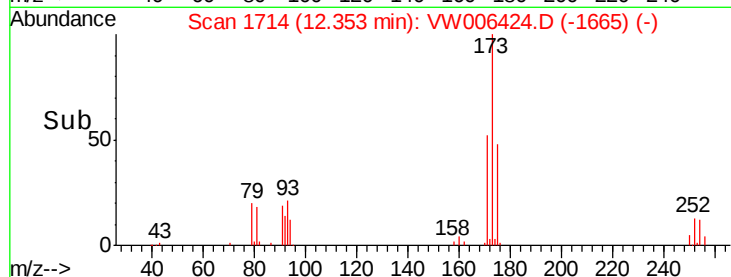
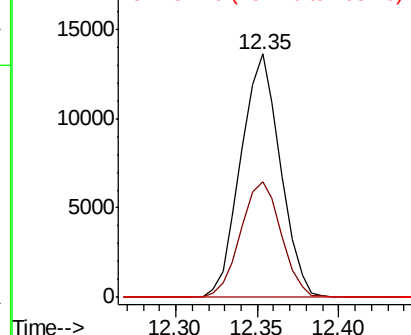
173 100

175 48.8 24.2 72.6

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

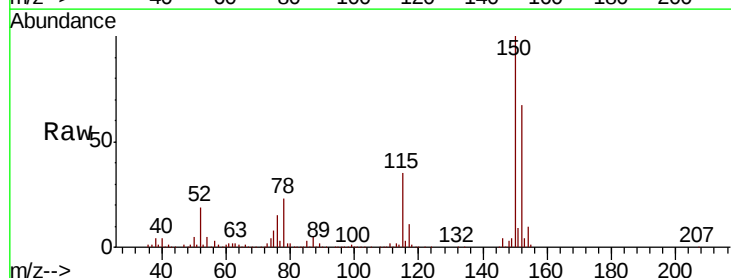
Tgt Ion:152 Resp: 156504

Ion Ratio Lower Upper

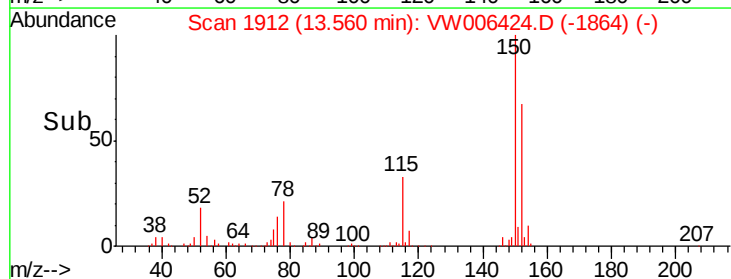
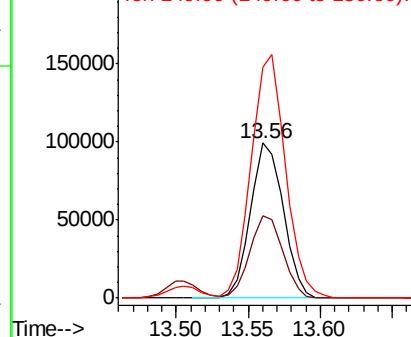
152 100

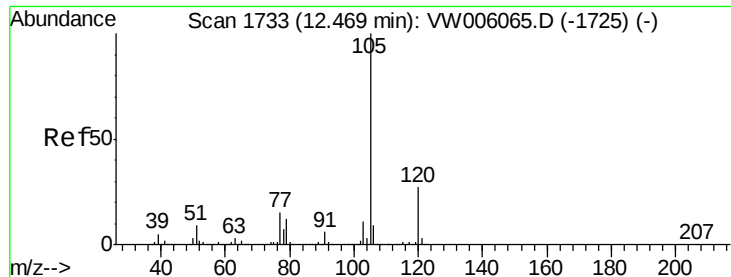
115 53.4 27.8 83.3

150 163.5 0.0 349.2



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: 21.033 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

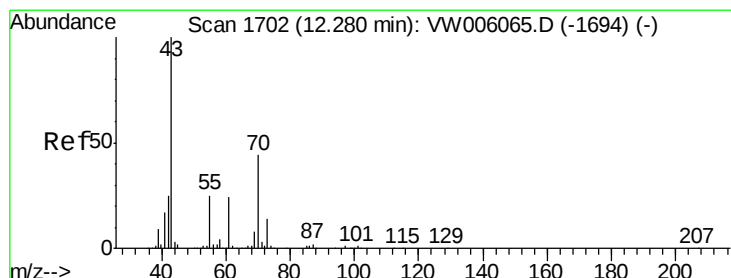
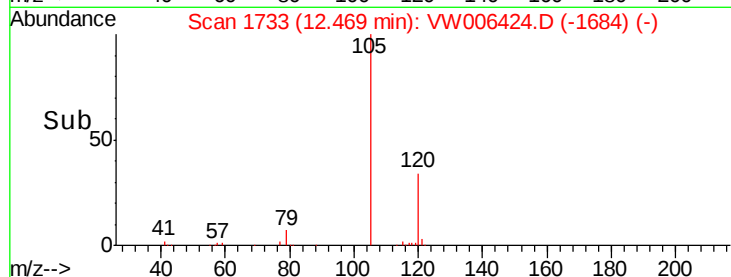
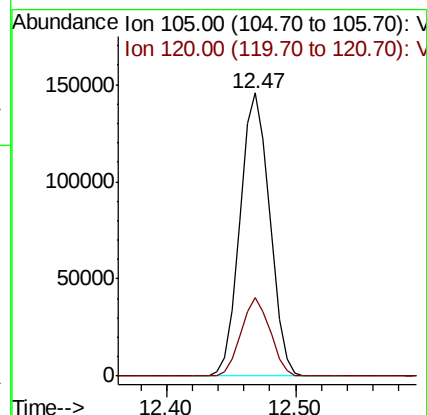
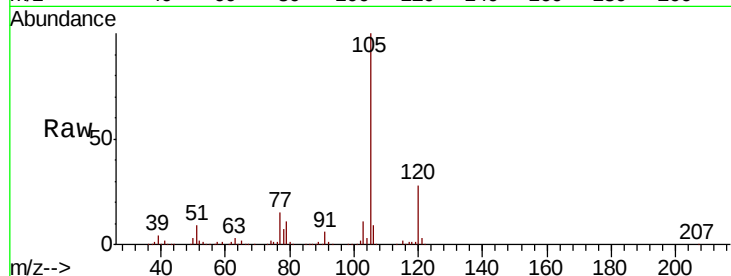
VW1029SBS01

Tgt Ion:105 Resp: 232548

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 19.458 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Tgt Ion: 43 Resp: 41786

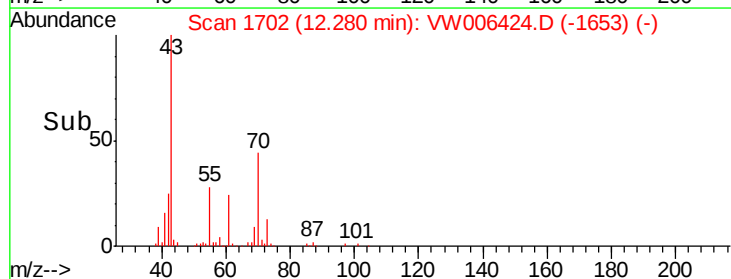
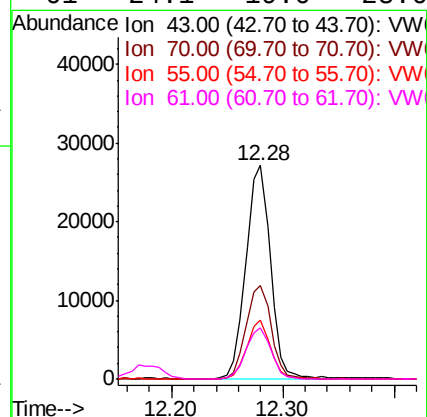
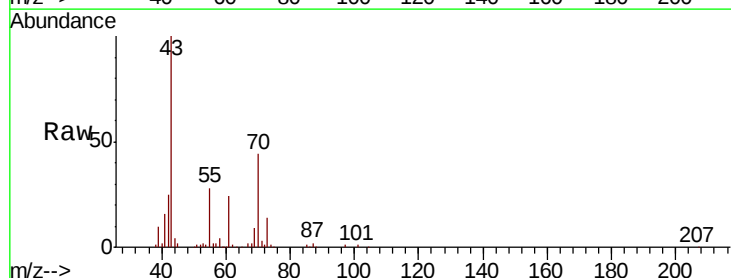
Ion Ratio Lower Upper

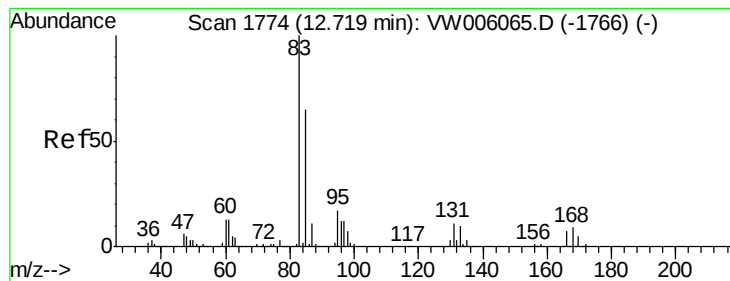
43 100

70 44.9 34.2 51.4

55 26.6 19.2 28.8

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.261 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

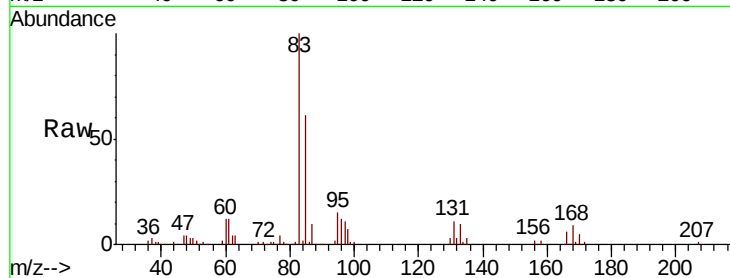
Tgt Ion: 83 Resp: 39117

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

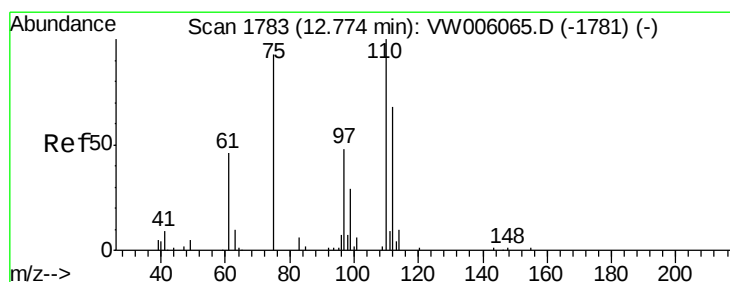
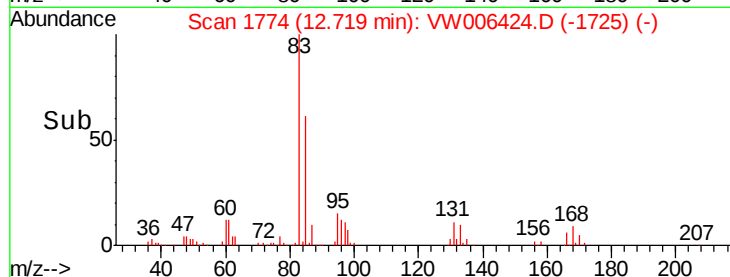
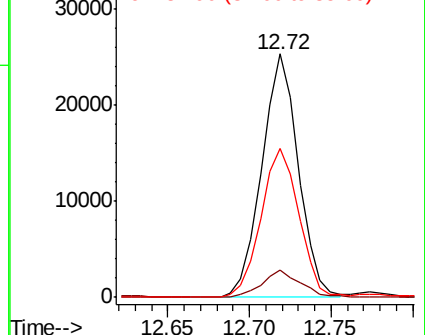
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.087 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006424.D

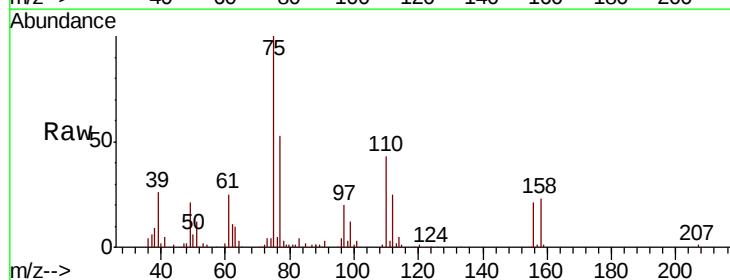
Acq: 27 Oct 2018 01:49

Tgt Ion: 75 Resp: 46724

Ion Ratio Lower Upper

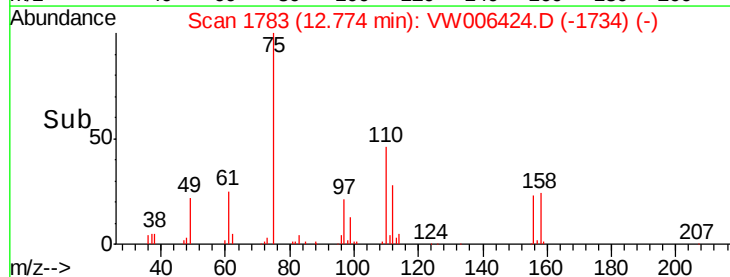
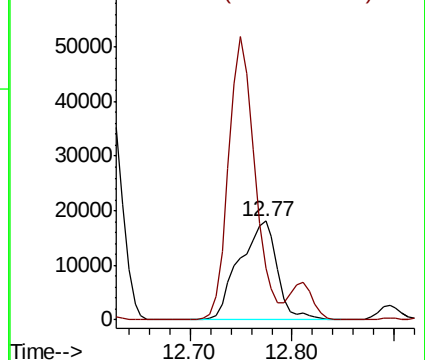
75 100

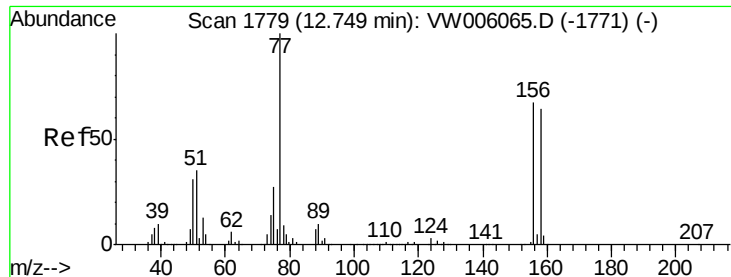
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.289 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

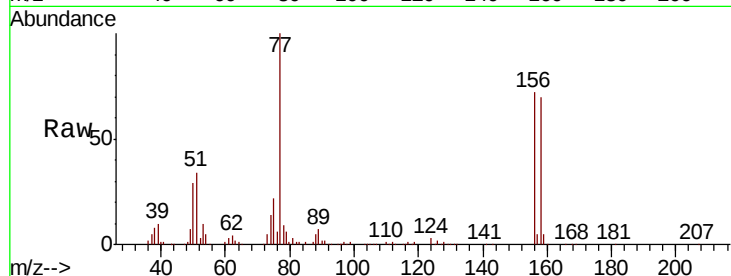
Tgt Ion:156 Resp: 60361

Ion Ratio Lower Upper

156 100

77 155.6 79.1 237.4

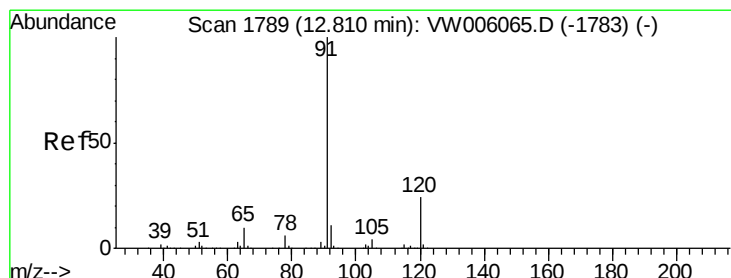
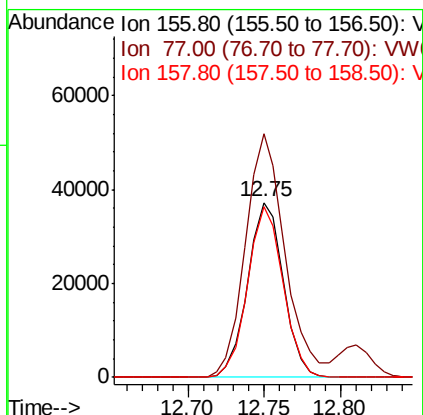
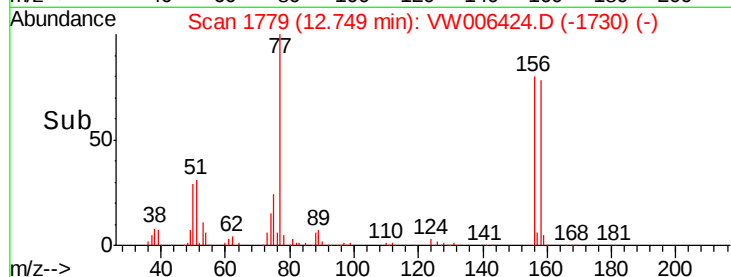
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.501 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006424.D

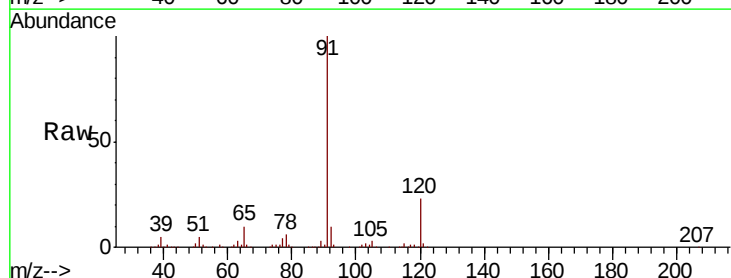
Acq: 27 Oct 2018 01:49

Tgt Ion: 91 Resp: 276579

Ion Ratio Lower Upper

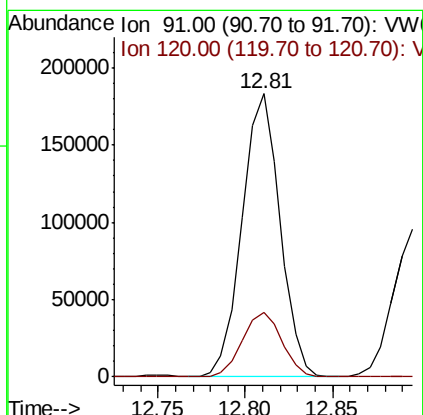
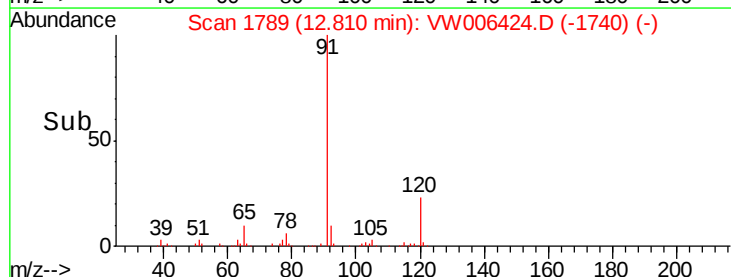
91 100

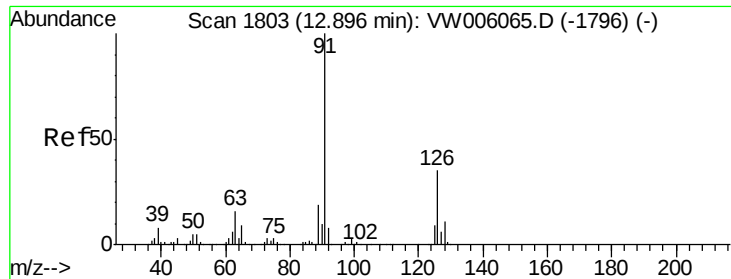
120 23.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.306 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

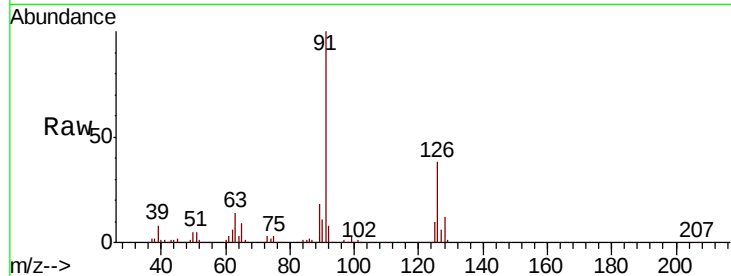
VW1029SBS01

Tgt Ion: 91 Resp: 153988

Ion Ratio Lower Upper

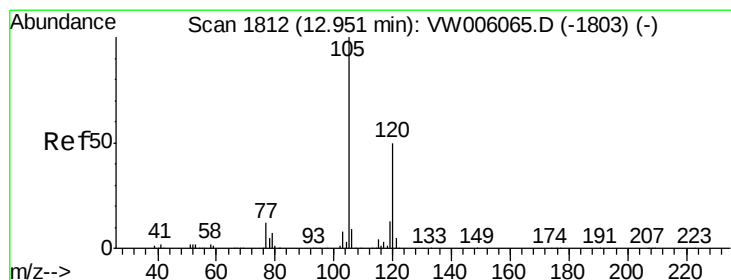
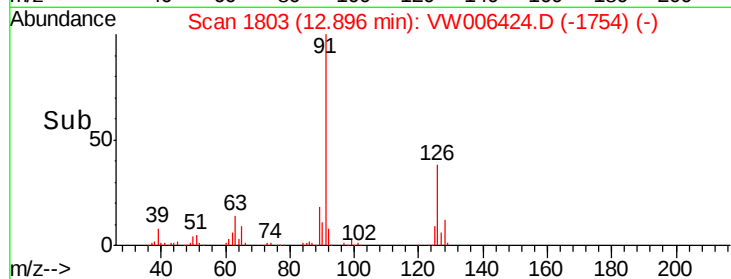
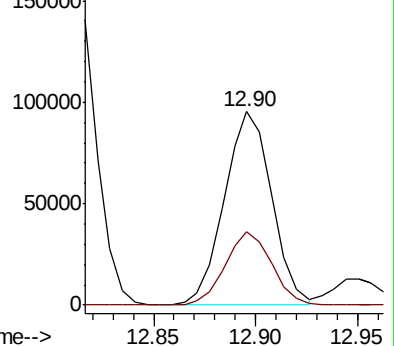
91 100

126 37.3 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.450 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006424.D

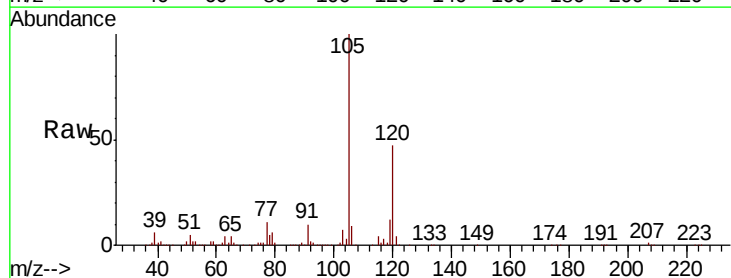
Acq: 27 Oct 2018 01:49

Tgt Ion: 105 Resp: 199932

Ion Ratio Lower Upper

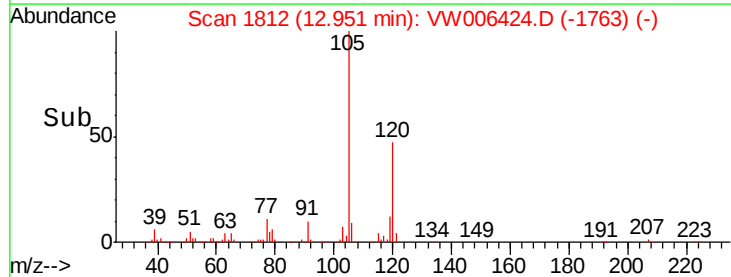
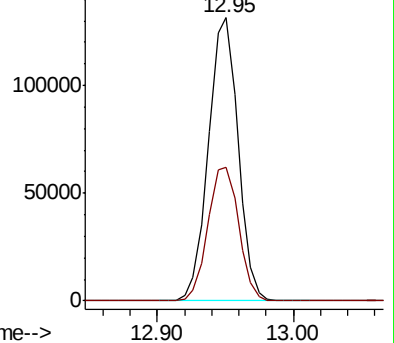
105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.183 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

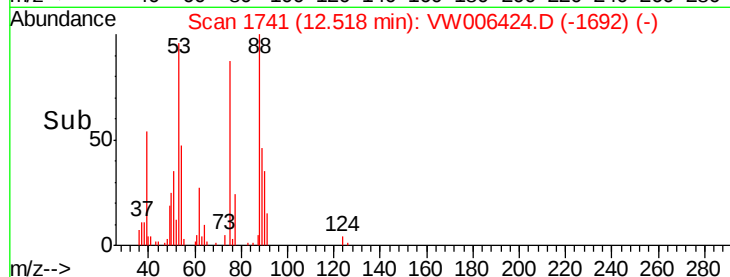
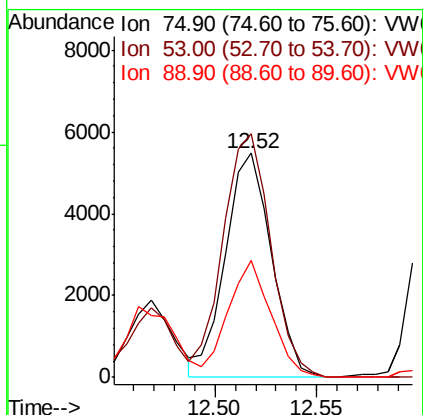
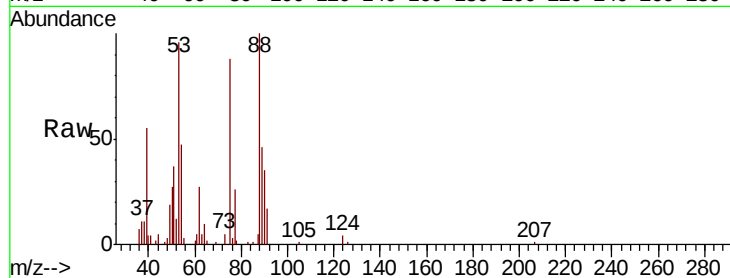
Tgt Ion: 75 Resp: 8593

Ion Ratio Lower Upper

75 100

53 112.6 79.8 119.6

89 47.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 21.744 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006424.D

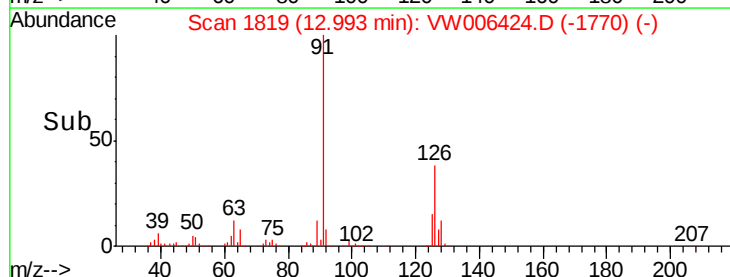
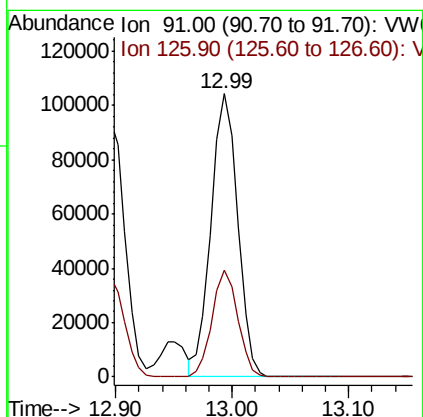
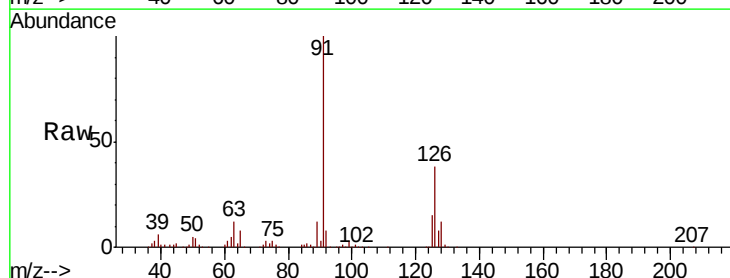
Acq: 27 Oct 2018 01:49

Tgt Ion: 91 Resp: 164625

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.3

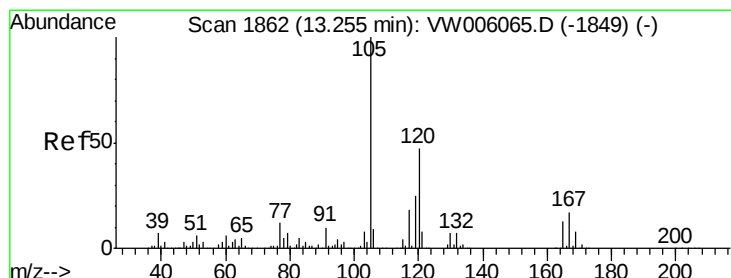
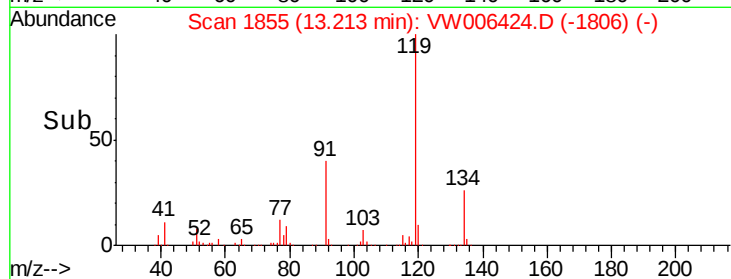
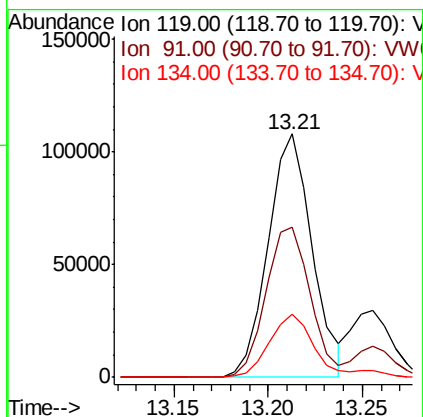
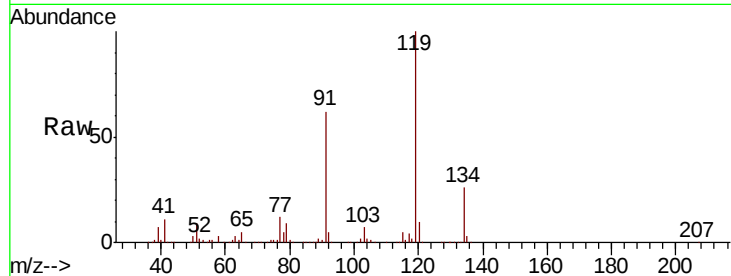




#83
tert-Butylbenzene
Concen: 20.984 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

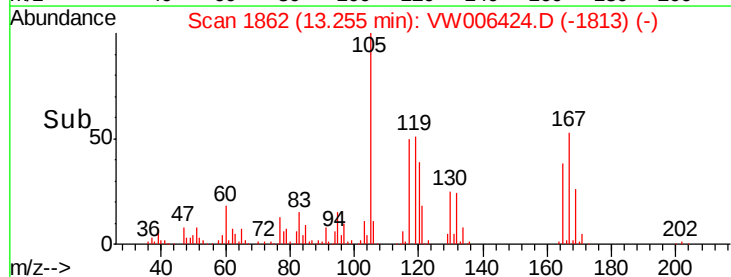
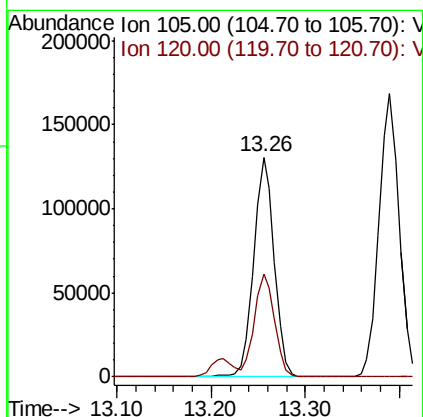
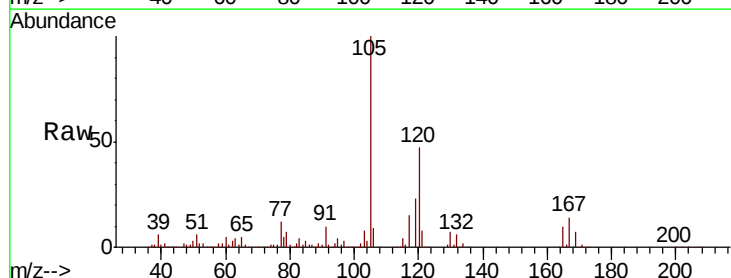
Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

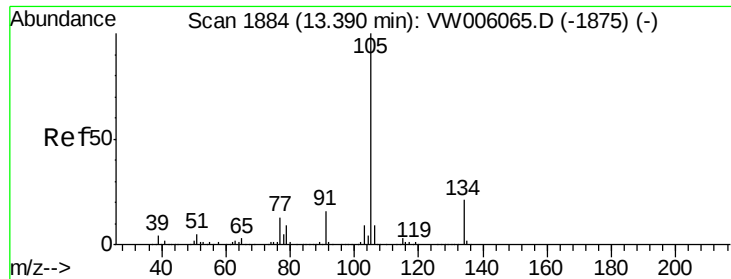
Tgt Ion:119 Resp: 174995
Ion Ratio Lower Upper
119 100
91 62.2 32.3 96.9
134 27.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.245 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion:105 Resp: 200381
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3

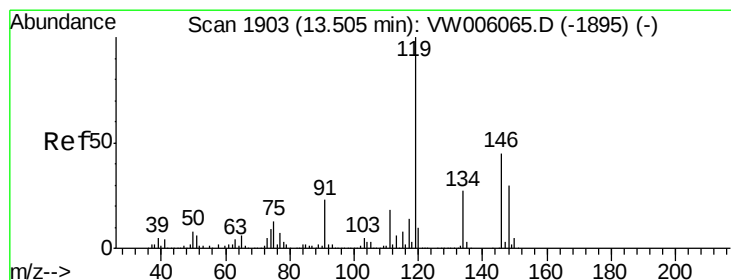
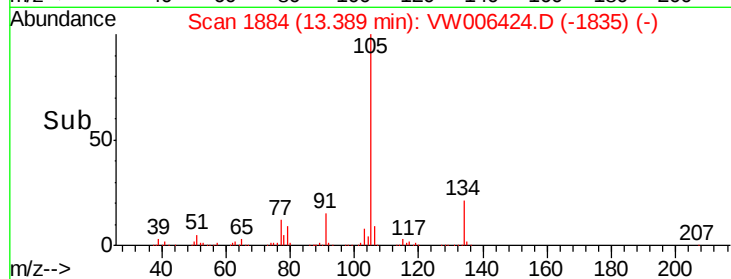
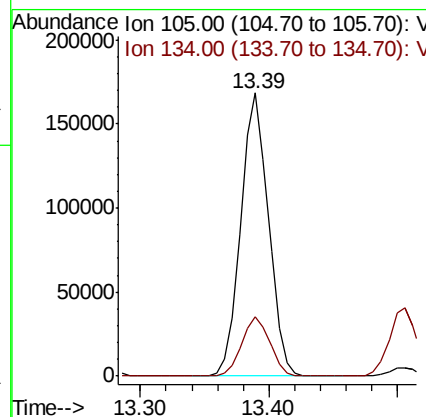
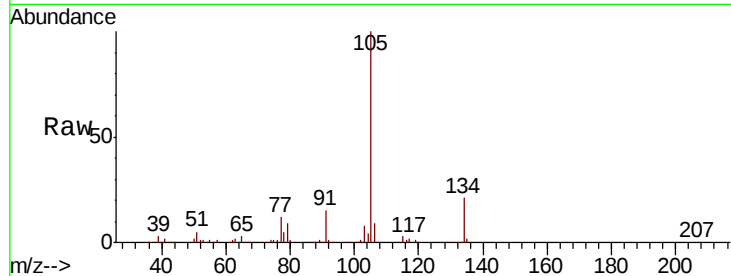




#85
 sec-Butylbenzene
 Concen: 21.258 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

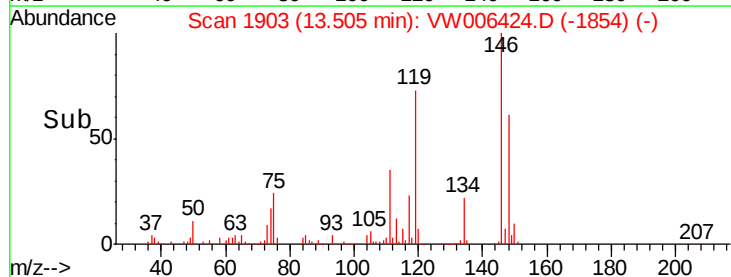
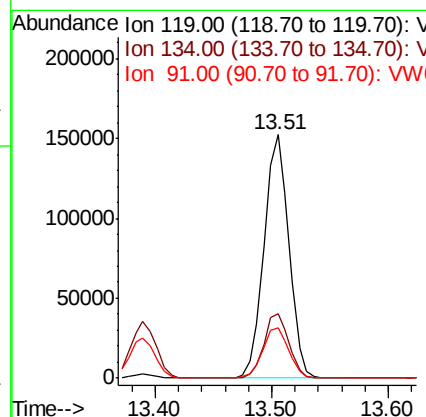
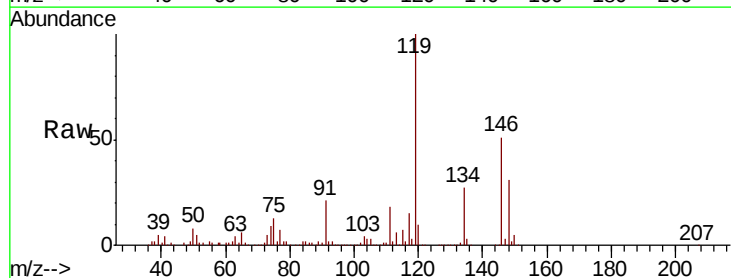
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

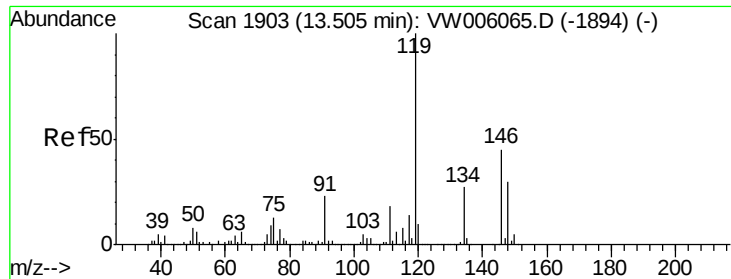
Tgt Ion:105 Resp: 250445
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 21.178 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion:119 Resp: 225678
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 21.7 11.4 34.1

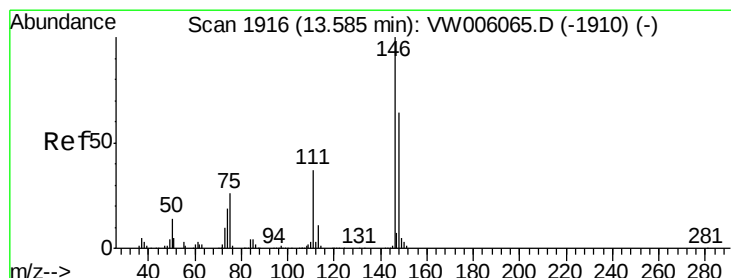
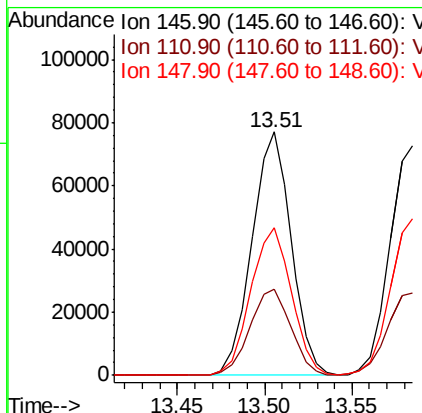
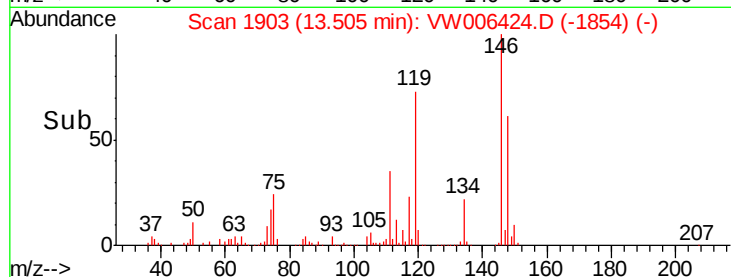
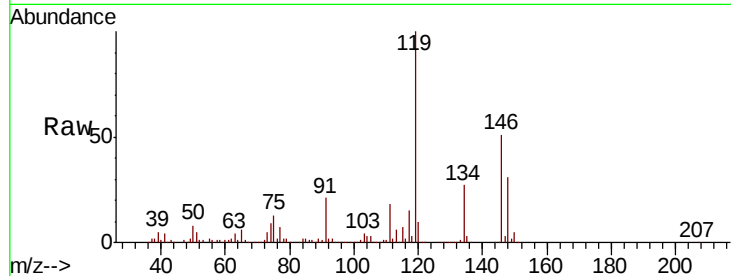




#87
 1,3-Dichlorobenzene
 Concen: 22.247 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

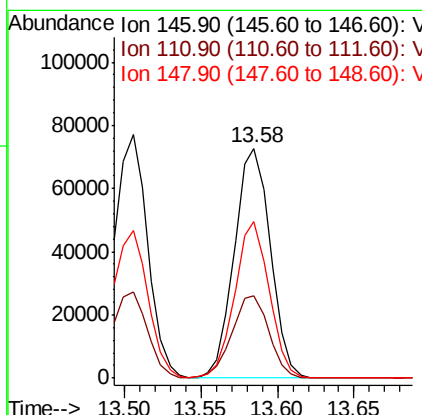
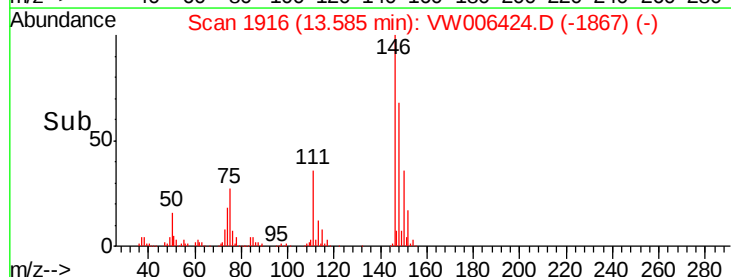
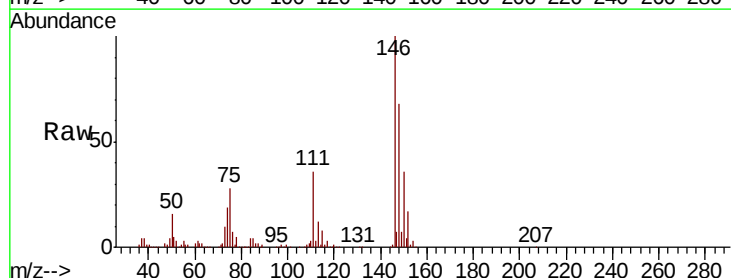
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

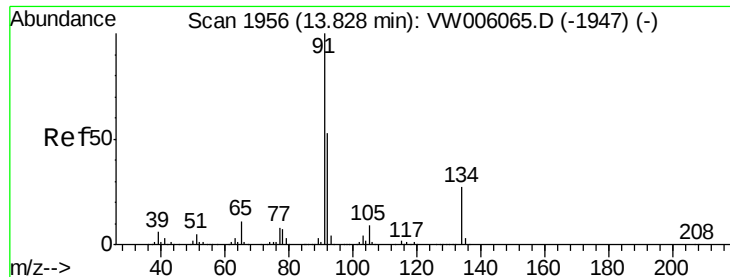
Tgt Ion:146 Resp: 119901
 Ion Ratio Lower Upper
 146 100
 111 36.7 19.1 57.5
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 22.182 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion:146 Resp: 119034
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 56.0
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.417 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

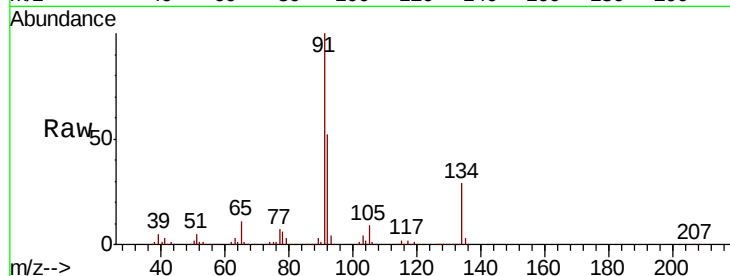
Tgt Ion: 91 Resp: 198977

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

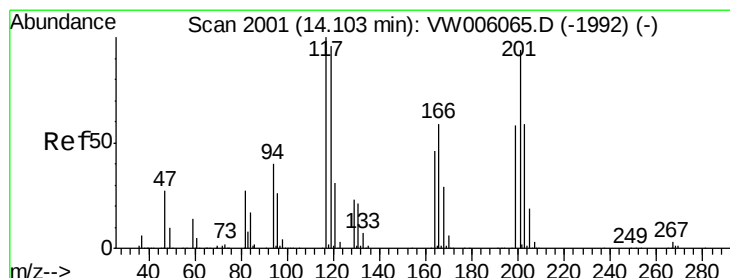
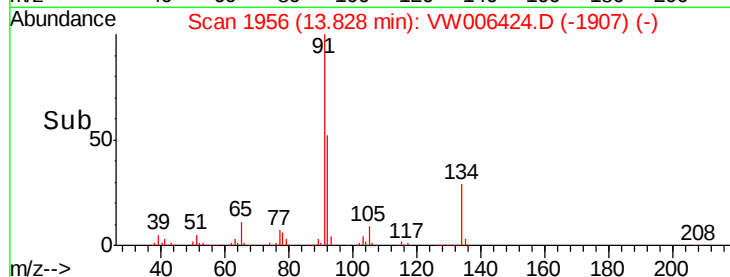
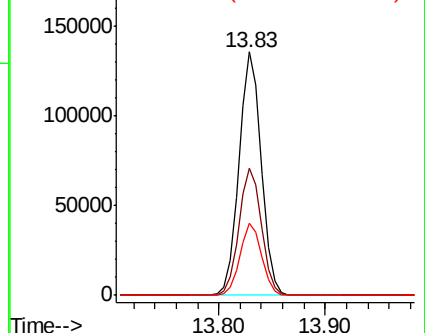
134 28.9 14.0 41.9



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: 18.920 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006424.D

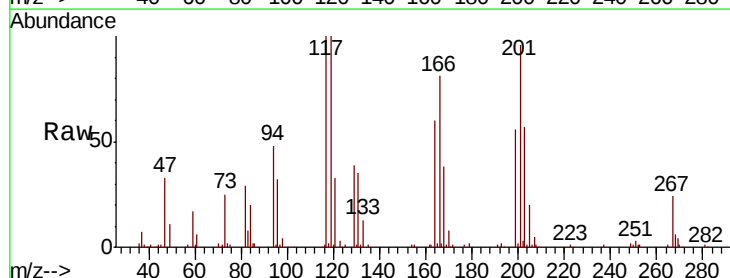
Acq: 27 Oct 2018 01:49

Tgt Ion: 117 Resp: 34150

Ion Ratio Lower Upper

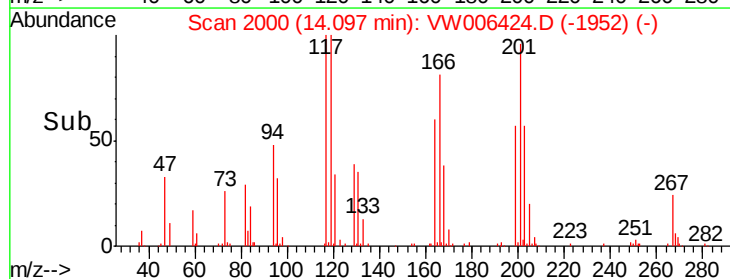
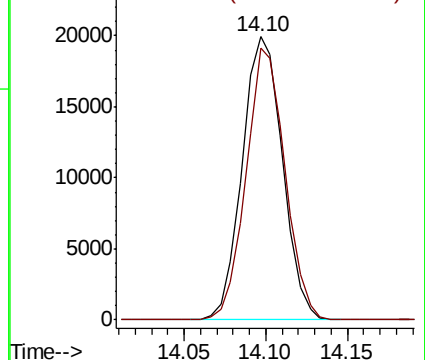
117 100

201 92.8 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.383 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW1029SBS01

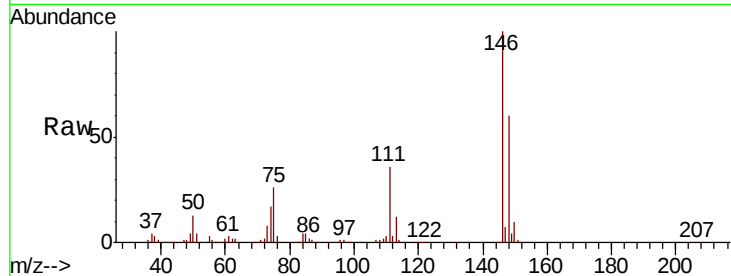
Tgt Ion:146 Resp: 107606

Ion Ratio Lower Upper

146 100

111 38.0 19.6 58.7

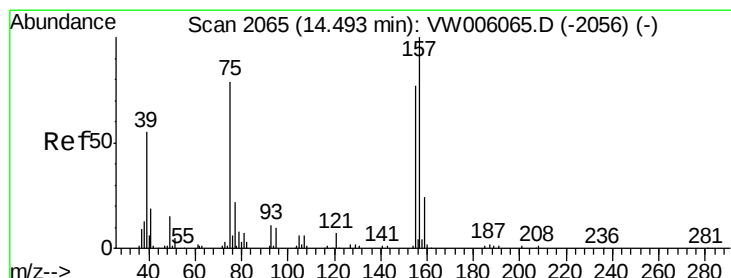
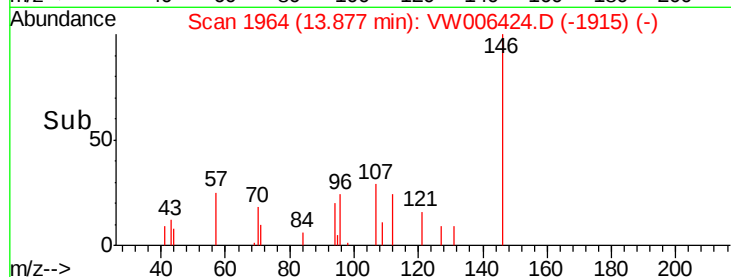
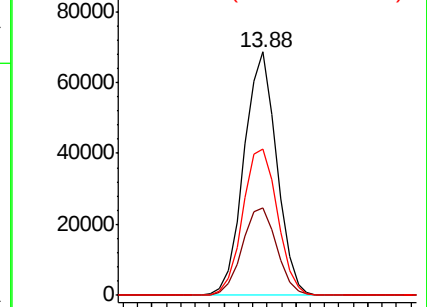
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.290 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006424.D

Acq: 27 Oct 2018 01:49

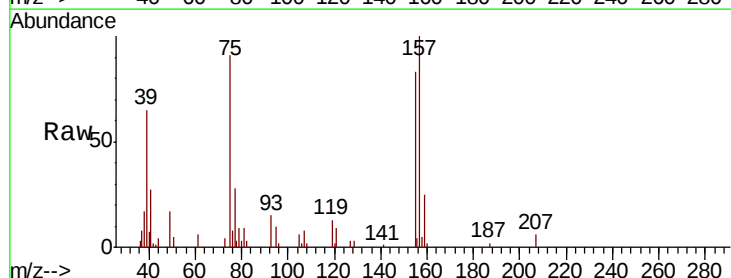
Tgt Ion: 75 Resp: 5808

Ion Ratio Lower Upper

75 100

155 91.1 46.5 139.5

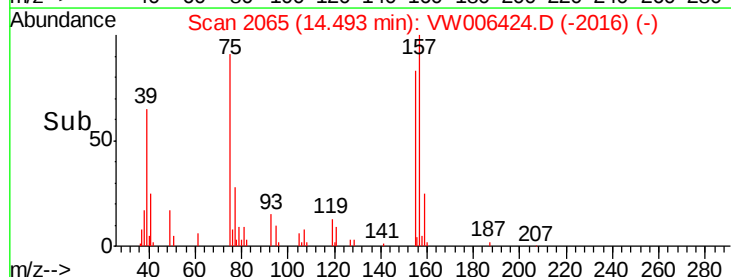
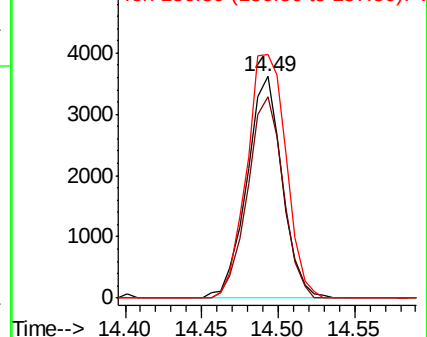
157 122.4 59.8 179.4

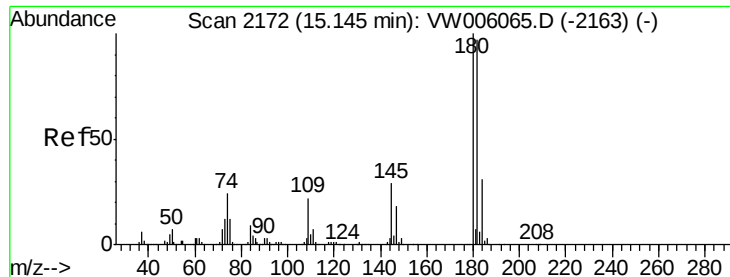


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

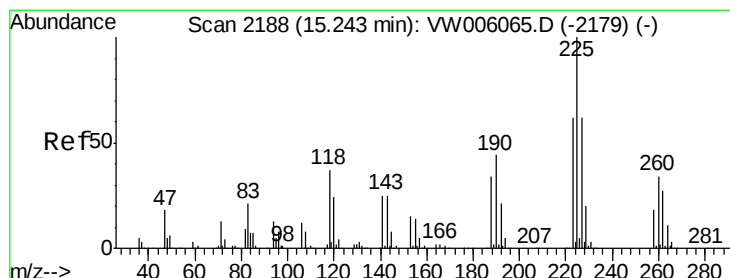
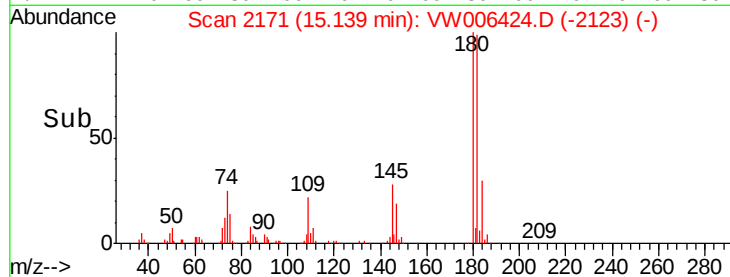
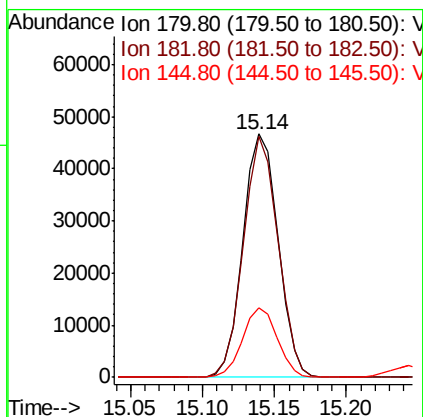
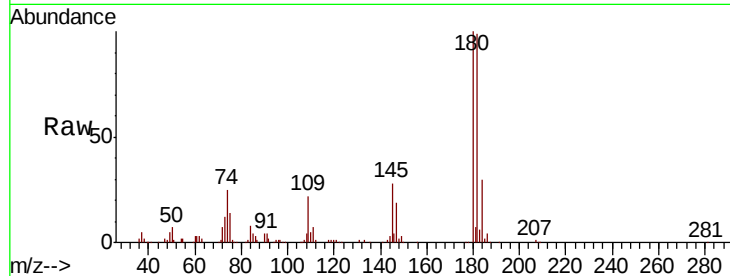




#93
 1,2,4-Trichlorobenzene
 Concen: 21.342 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

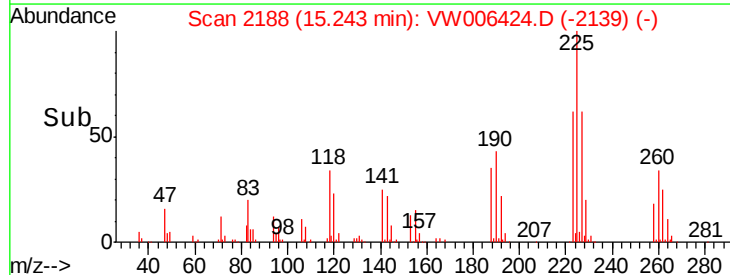
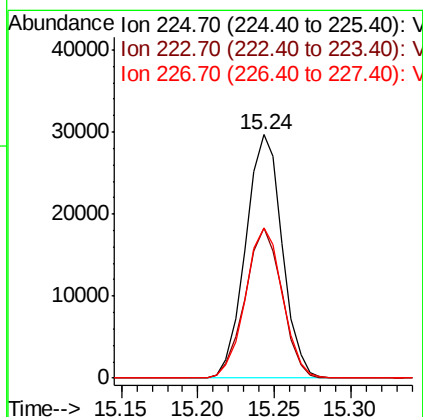
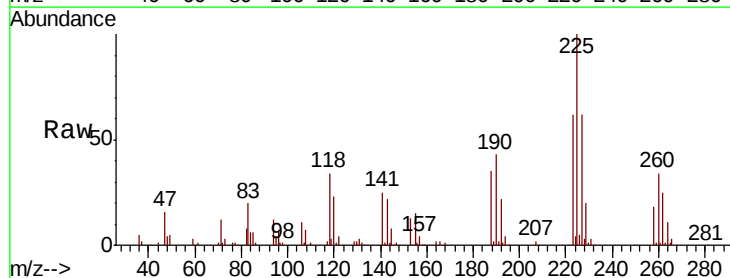
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

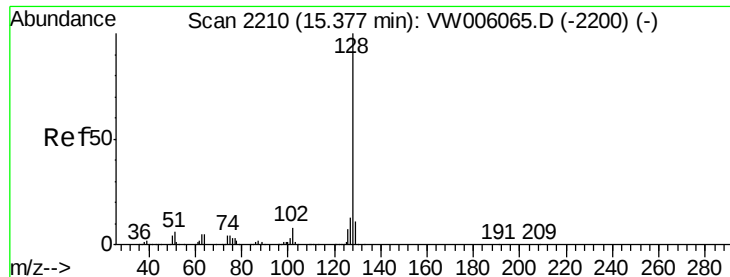
Tgt Ion:180 Resp: 78947
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.9 143.6
 145 28.2 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 21.228 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006424.D
 Acq: 27 Oct 2018 01:49

Tgt Ion:225 Resp: 49328
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.5
 227 62.4 32.4 97.0

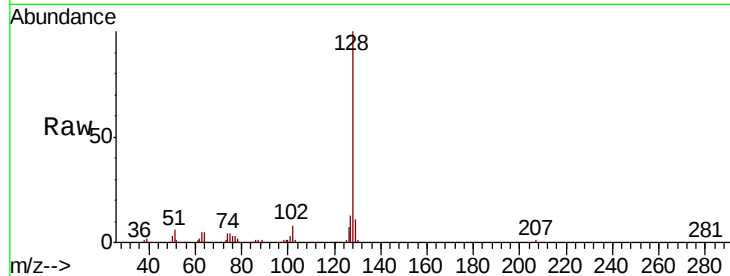




#95
Naphthalene
Concen: 20.970 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW1029SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.7	13.1

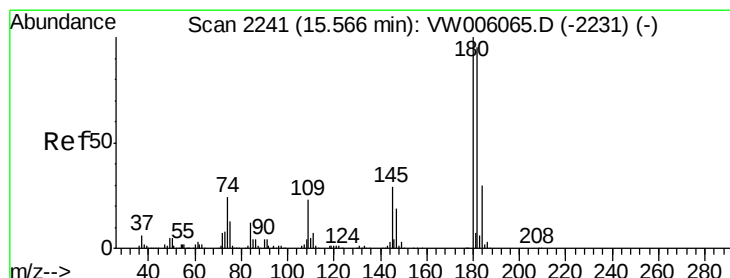
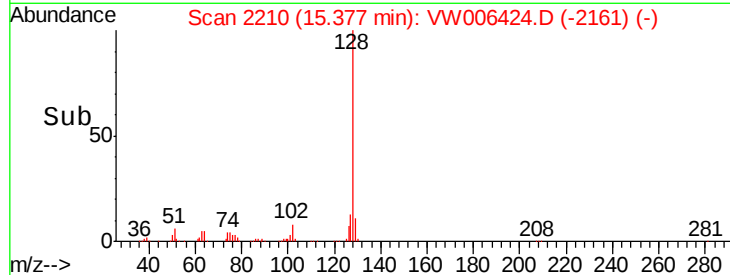
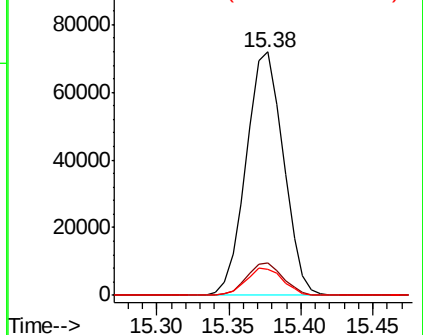


Abundance

Ion 128.00 (127.70 to 128.70): V

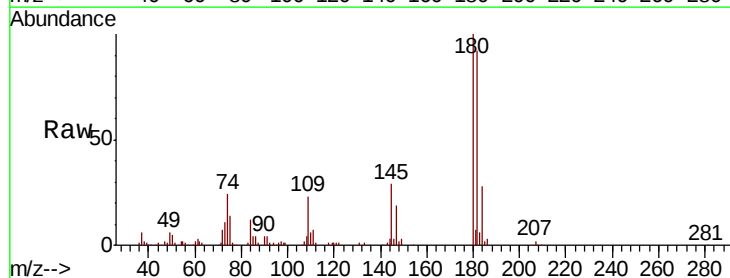
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 22.017 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006424.D
Acq: 27 Oct 2018 01:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	29.8	15.0	45.1



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

