

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006379.D
 Acq On : 26 Oct 2018 00:51
 Operator : SY/AP
 Sample : VW1027SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Quant Time: Oct 26 07:22:36 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	225427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	95553	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.88	113	98503	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.32	98	364529	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	137045	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19288	17.290	ug/l	94
3) Chloromethane	2.21	50	27985	19.489	ug/l	97
4) Vinyl Chloride	2.37	62	41373	20.175	ug/l	99
5) Bromomethane	2.78	94	39640	21.253	ug/l	98
6) Chloroethane	2.93	64	34030	23.156	ug/l	97
7) Trichlorofluoromethane	3.26	101	39925	20.899	ug/l	99
8) Diethyl Ether	3.68	74	22299	21.963	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44390	22.173	ug/l	99
10) Methyl Iodide	4.26	142	73753	22.134	ug/l	99
11) Tert butyl alcohol	5.23	59	14388	114.470	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41501	22.034	ug/l	90
13) Acrolein	3.90	56	12314	101.246	ug/l	96
14) Allyl chloride	4.66	41	55377	20.562	ug/l	98
15) Acrylonitrile	5.38	53	44102	121.108	ug/l	99
16) Acetone	4.14	43	43749	116.894	ug/l	99
17) Carbon Disulfide	4.37	76	103574	18.220	ug/l	98
18) Methyl Acetate	4.68	43	23343	24.819	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	66557	23.200	ug/l	98
20) Methylene Chloride	4.91	84	49320	24.097	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48819	23.221	ug/l	92
22) Diisopropyl ether	6.31	45	121742	22.875	ug/l	97
23) Vinyl Acetate	6.26	43	344678	109.742	ug/l	98
24) 1,1-Dichloroethane	6.21	63	81150	23.631	ug/l	98
25) 2-Butanone	7.18	43	61420	121.651	ug/l	99
26) 2,2-Dichloropropane	7.17	77	48850	20.169	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55469	23.909	ug/l	98
28) Bromochloromethane	7.51	49	26423	19.930	ug/l	96
29) Tetrahydrofuran	7.54	42	36441	117.422	ug/l	97
30) Chloroform	7.68	83	88218	23.578	ug/l	96
31) Cyclohexane	7.95	56	70162	20.516	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	74262	22.003	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68568	22.873	ug/l	100
37) Ethyl Acetate	7.26	43	26640	23.919	ug/l	98
38) Carbon Tetrachloride	8.07	117	70385	21.418	ug/l	98

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 MSVOA_W
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 VW1027SBSD01

Quant Time: Oct 26 07:22:36 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	84199	21.130	ug/l	97
40) Benzene	8.32	78	194843	23.695	ug/l	99
41) Methacrylonitrile	7.49	41	16468	24.527	ug/l	98
42) 1,2-Dichloroethane	8.40	62	57579	23.833	ug/l	99
43) Isopropyl Acetate	8.43	43	50914	22.357	ug/l	99
44) Trichloroethene	9.09	130	58764	23.293	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45490	23.118	ug/l	97
46) Dibromomethane	9.46	93	26889	23.976	ug/l	98
47) Bromodichloromethane	9.65	83	60634	22.300	ug/l	98
48) Methyl methacrylate	9.44	41	24574	22.765	ug/l	95
49) 1,4-Dioxane	9.48	88	8651	501.067	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	135597	118.841	ug/l	99
52) Toluene	10.39	92	129568	23.503	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57482	21.219	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67019	21.555	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38097	24.275	ug/l	97
56) Ethyl methacrylate	10.65	69	44979	23.378	ug/l	96
57) 1,3-Dichloropropane	10.93	76	62204	23.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85797	116.703	ug/l	99
59) 2-Hexanone	10.98	43	91834	112.751	ug/l	97
60) Dibromochloromethane	11.13	129	42805	21.897	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37989	24.226	ug/l	98
64) Tetrachloroethene	10.87	164	56670	24.520	ug/l	99
65) Chlorobenzene	11.66	112	152225	23.885	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	51140	22.579	ug/l	98
67) Ethyl Benzene	11.73	91	254673	23.058	ug/l	98
68) m/p-Xylenes	11.84	106	200707	45.975	ug/l	100
69) o-Xylene	12.17	106	95933	23.058	ug/l	99
70) Styrene	12.18	104	156653	23.154	ug/l	99
71) Bromoform	12.35	173	26691	21.128	ug/l #	99
73) Isopropylbenzene	12.47	105	267887	22.984	ug/l	100
74) N-amyl acetate	12.28	43	49877	22.033	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	44513	25.110	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53570	42.512	ug/l #	100
77) Bromobenzene	12.75	156	68200	23.890	ug/l	99
78) n-propylbenzene	12.81	91	308806	22.773	ug/l	100
79) 2-Chlorotoluene	12.90	91	178131	23.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226498	23.052	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10194	19.338	ug/l	92
82) 4-Chlorotoluene	12.99	91	187103	23.444	ug/l	100
83) tert-Butylbenzene	13.21	119	200647	22.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	229058	23.038	ug/l	99
85) sec-Butylbenzene	13.39	105	285694	23.004	ug/l	100
86) p-Isopropyltoluene	13.51	119	256659	22.848	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	135599	23.867	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	134235	23.730	ug/l	100
89) n-Butylbenzene	13.83	91	231342	22.519	ug/l	99
90) Hexachloroethane	14.10	117	38895	20.441	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	122725	24.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6803	21.434	ug/l	96

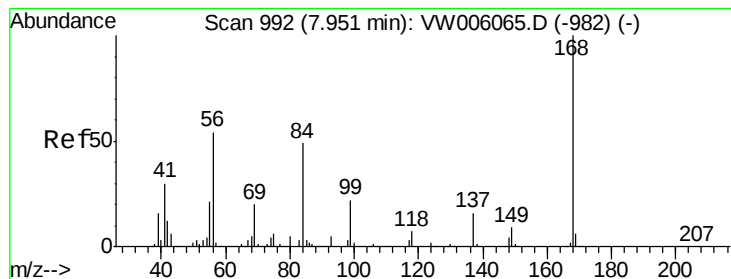
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
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MSVOA_W
ClientSampleId :
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Quant Time: Oct 26 07:22:36 2018
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Quant Title : SW846 8260
QLast 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	90983	23.333	ug/l	100
94) Hexachlorobutadiene	15.24	225	56418	23.032	ug/l	99
95) Naphthalene	15.38	128	151500	23.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78707	23.336	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

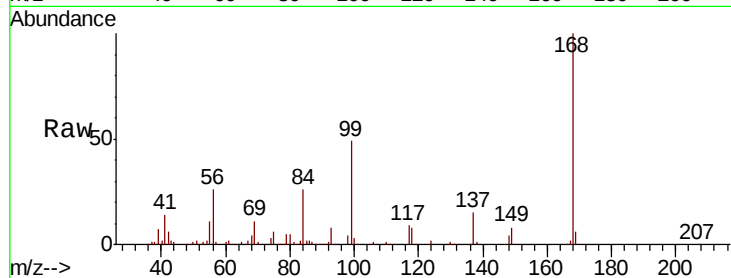
VW1027SBSD01

Tot Ion:168 Resp: 225427

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

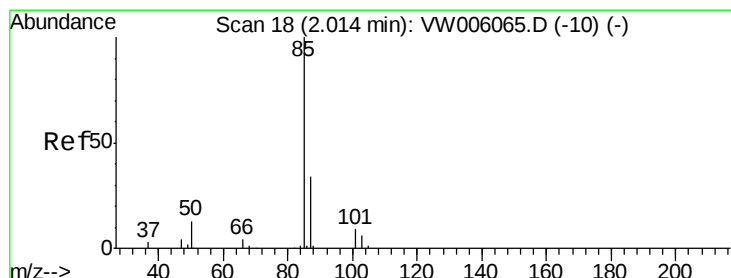
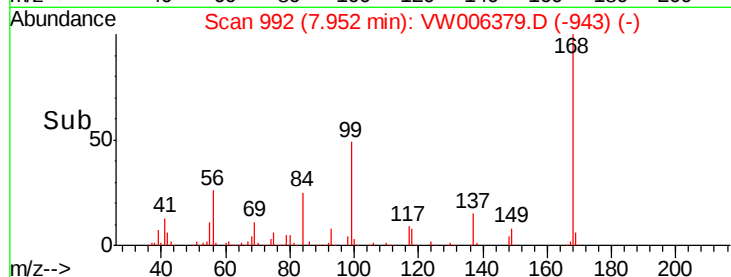
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.290 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006379.D

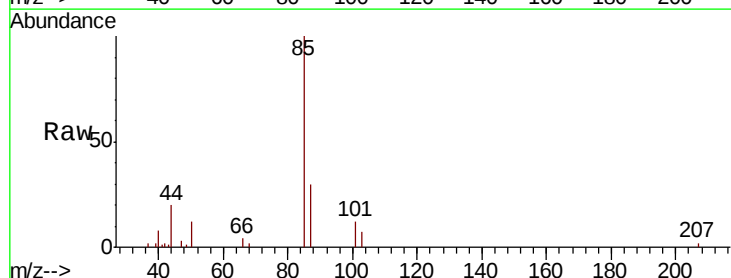
Acq: 26 Oct 2018 00:51

Tgt Ion: 85 Resp: 19288

Ion Ratio Lower Upper

85 100

87 30.3 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

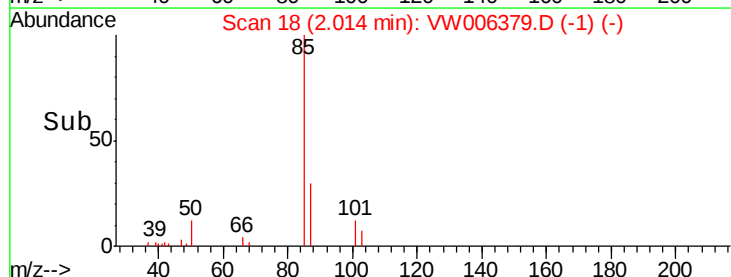
3000

2000

1000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.489 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

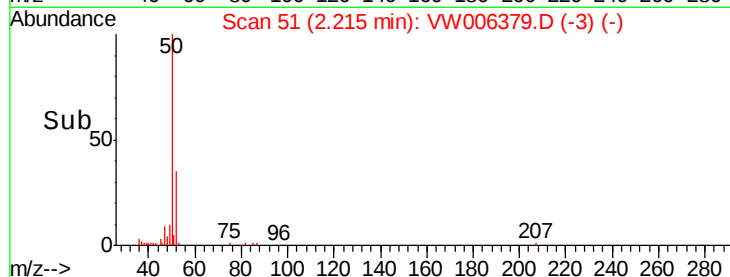
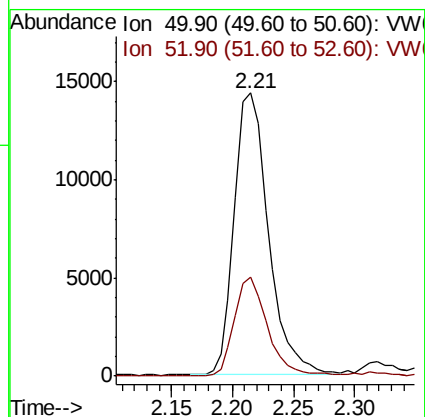
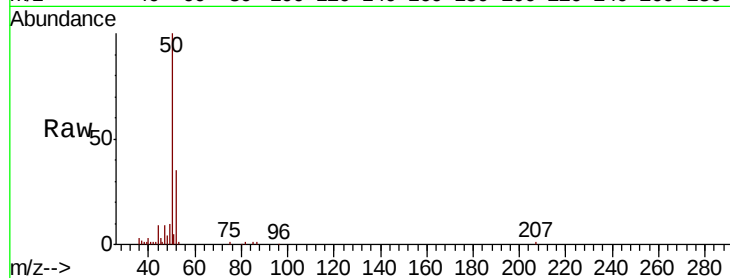
VW1027SBSD01

Tot Ion: 50 Resp: 27985

Ion Ratio Lower Upper

50 100

52 35.3 26.8 40.2



#4

Vinyl Chloride

Concen: 20.175 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006379.D

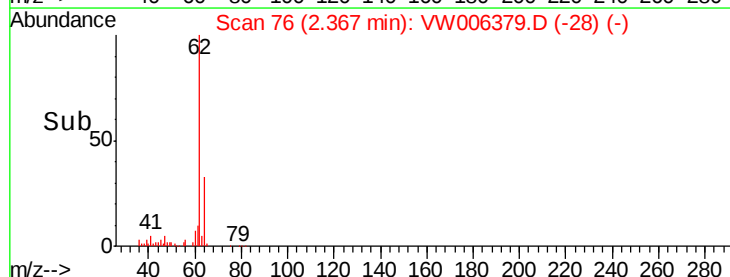
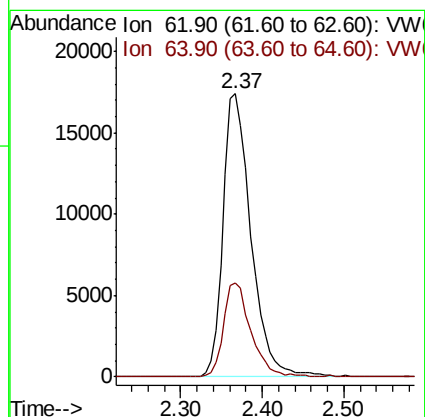
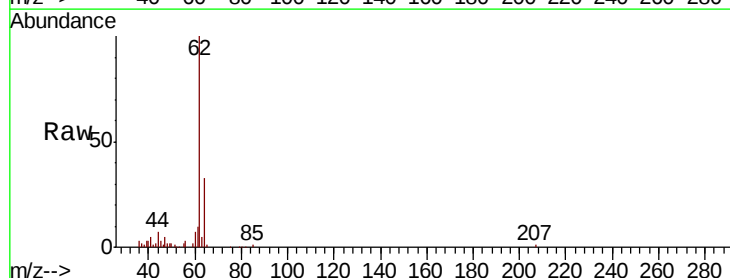
Acq: 26 Oct 2018 00:51

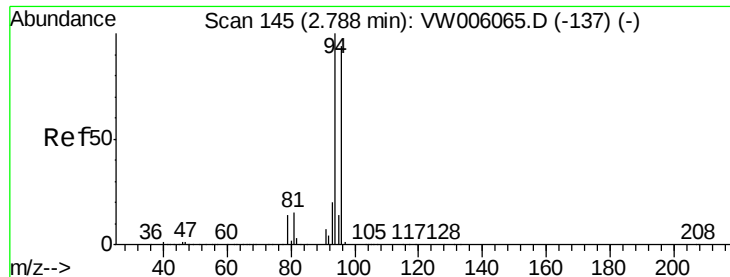
Tgt Ion: 62 Resp: 41373

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 21.253 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

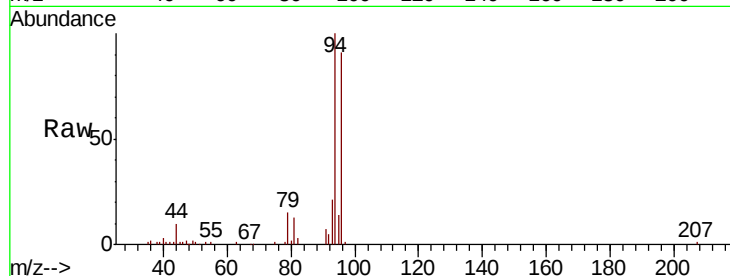
VW1027SBSD01

Tot Ion: 94 Resp: 39640

Ion Ratio Lower Upper

94 100

96 91.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

15000

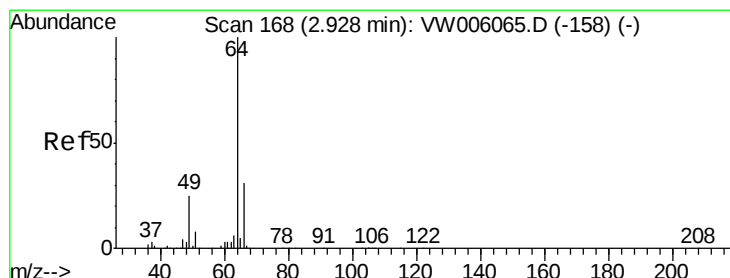
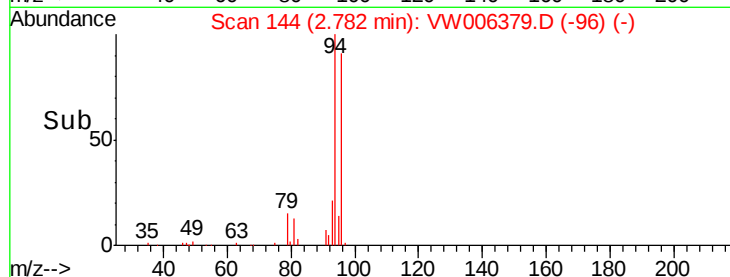
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 23.156 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006379.D

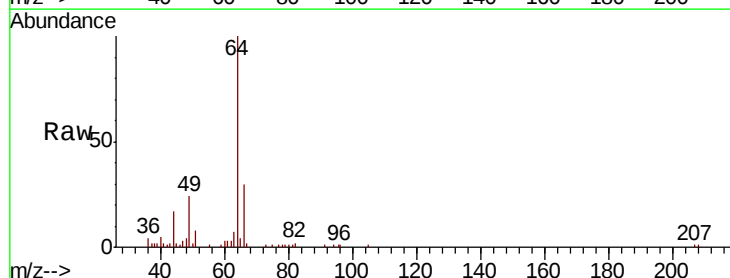
Acq: 26 Oct 2018 00:51

Tgt Ion: 64 Resp: 34030

Ion Ratio Lower Upper

64 100

66 29.7 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

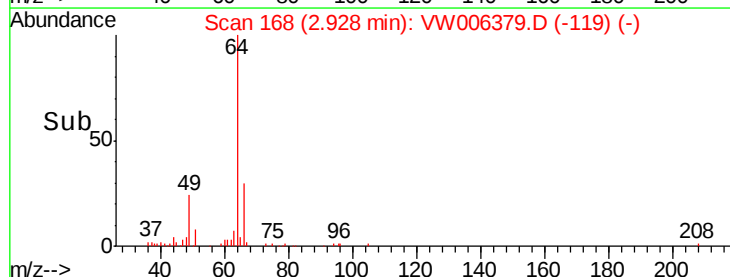
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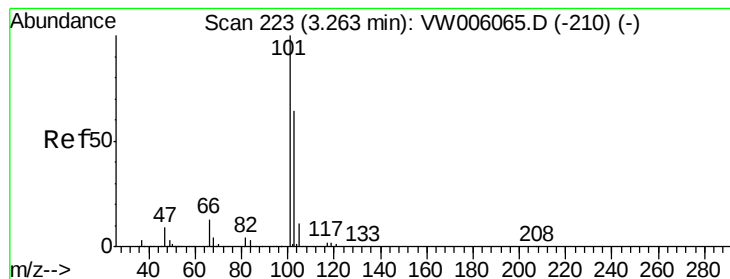
5000

0

Time-->

2.80 2.90 3.00



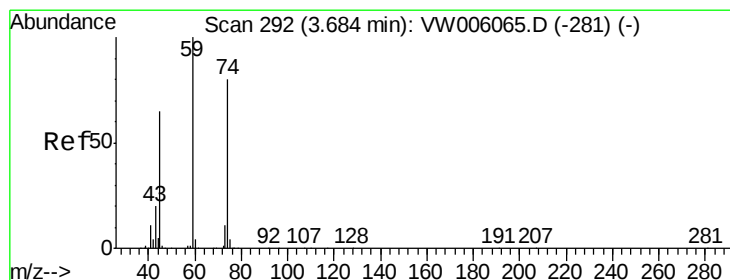
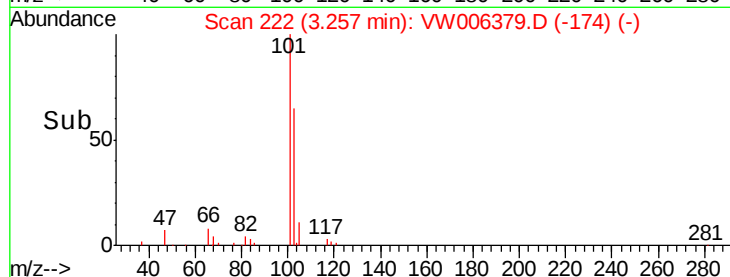
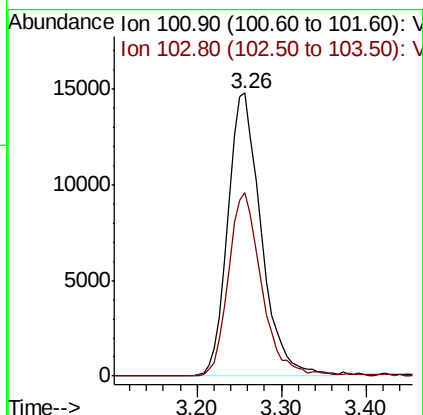
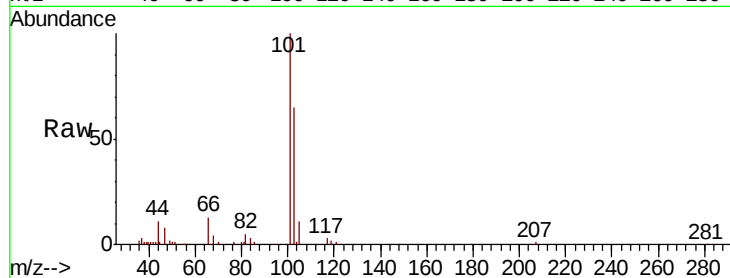


#7

Trichlorofluoromethane
 Concen: 20.899 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

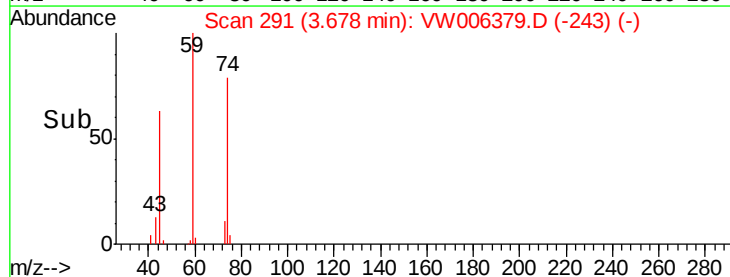
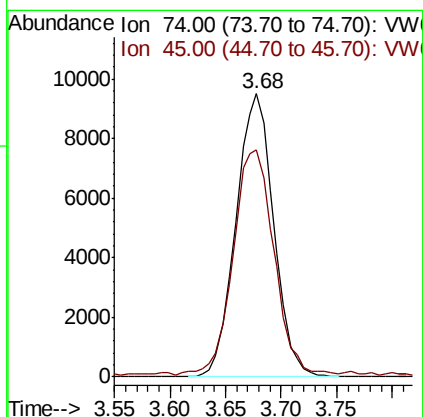
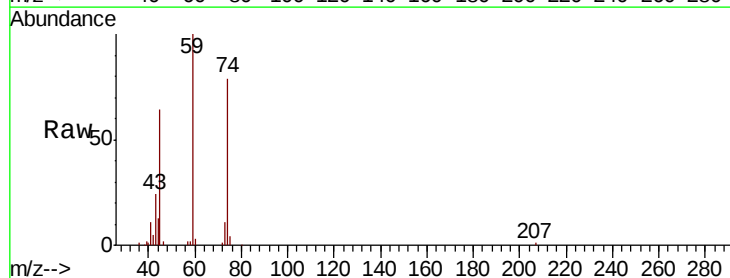
Tot Ion:101 Resp: 39925
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.2 76.8



#8

Diethyl Ether
 Concen: 21.963 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 74 Resp: 22299
 Ion Ratio Lower Upper
 74 100
 45 86.3 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.173 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

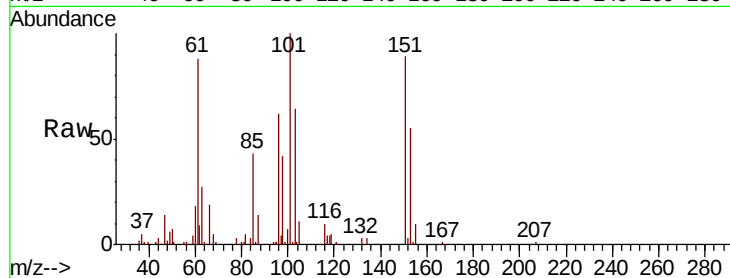
Tot Ion:101 Resp: 44390

Ion Ratio Lower Upper

101 100

85 42.4 34.9 52.3

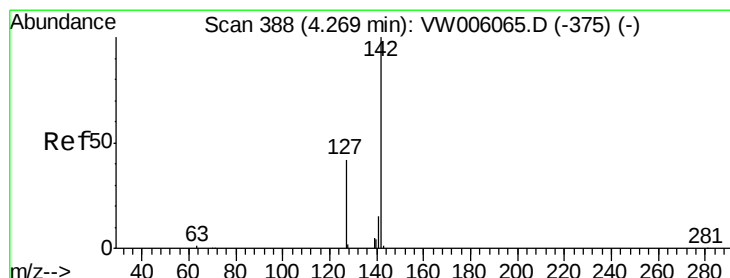
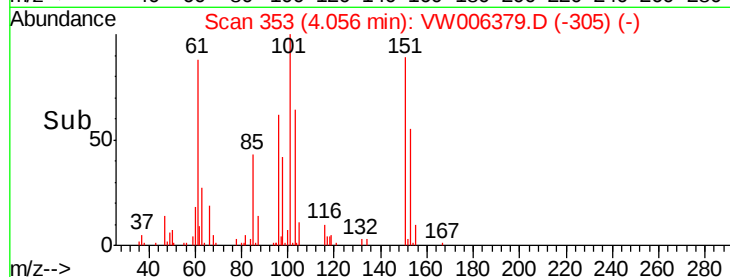
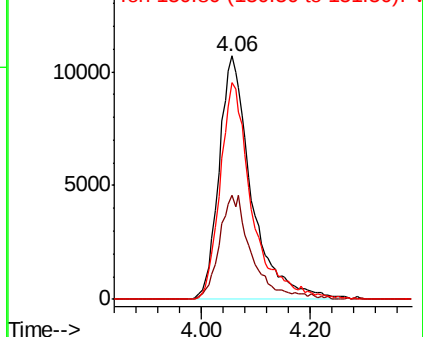
151 87.0 70.4 105.6



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: 22.134 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

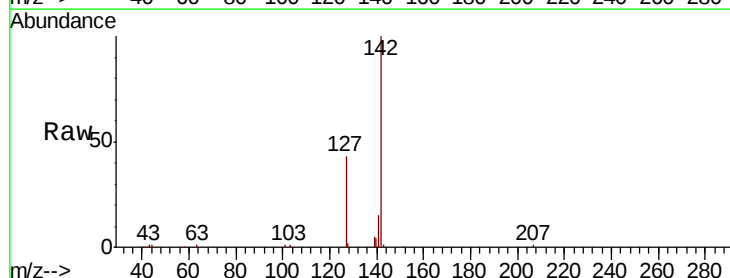
Tgt Ion:142 Resp: 73753

Ion Ratio Lower Upper

142 100

127 41.1 33.6 50.4

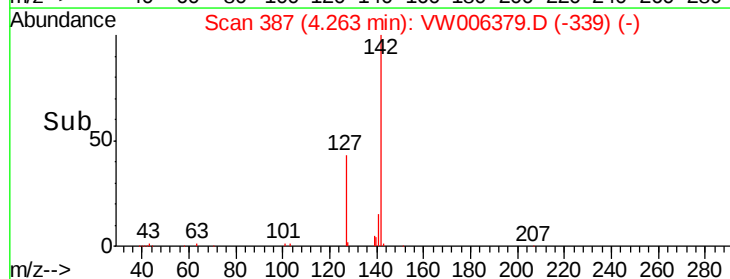
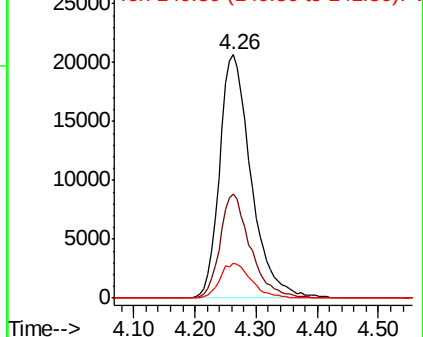
141 14.3 11.6 17.4

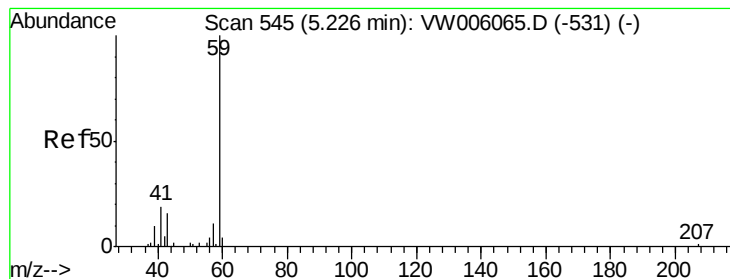


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 114.470 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

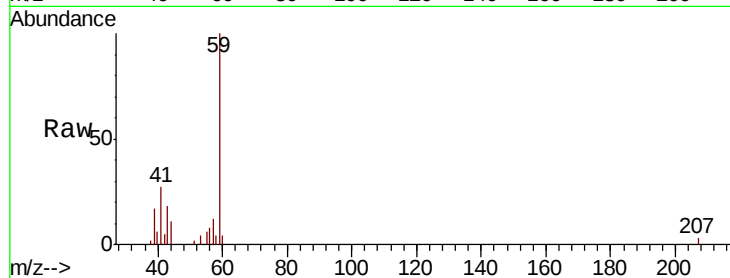
VW1027SBS01

Tot Ion: 59 Resp: 14388

Ion Ratio Lower Upper

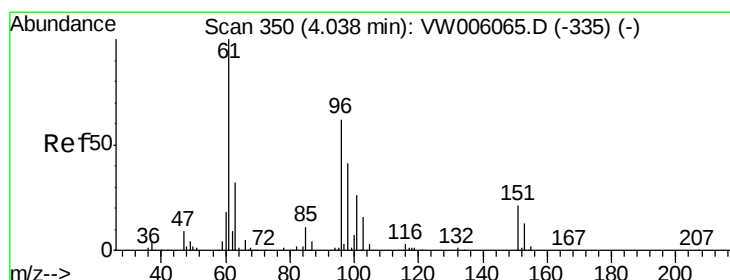
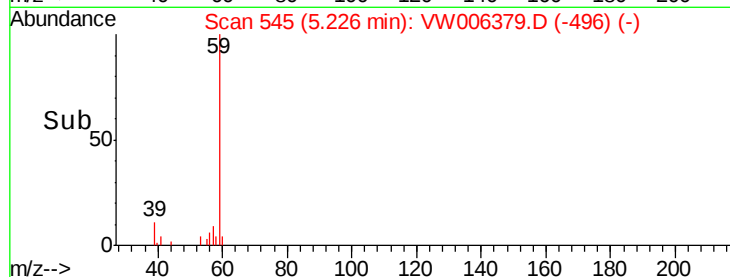
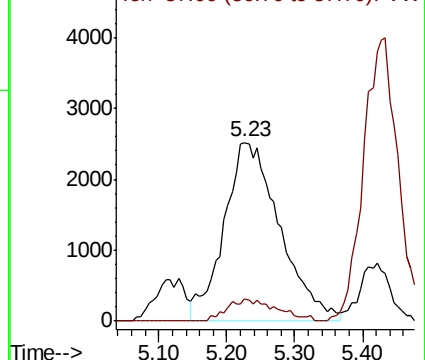
59 100

57 10.4 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 22.034 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

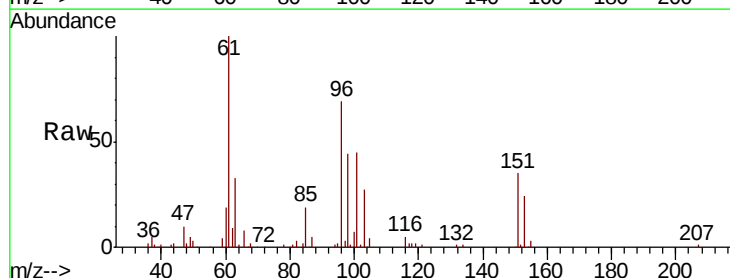
Tgt Ion: 96 Resp: 41501

Ion Ratio Lower Upper

96 100

61 145.1 129.3 193.9

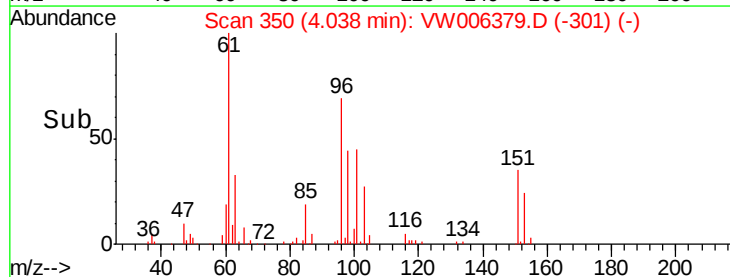
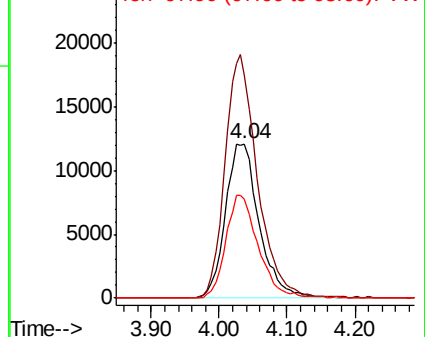
98 63.9 53.1 79.7

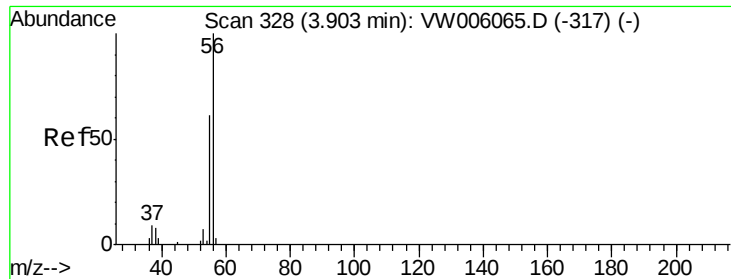


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 101.246 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

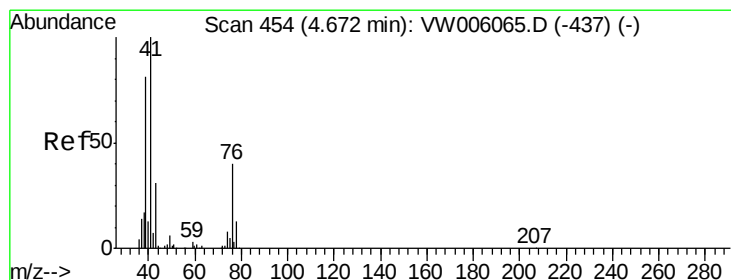
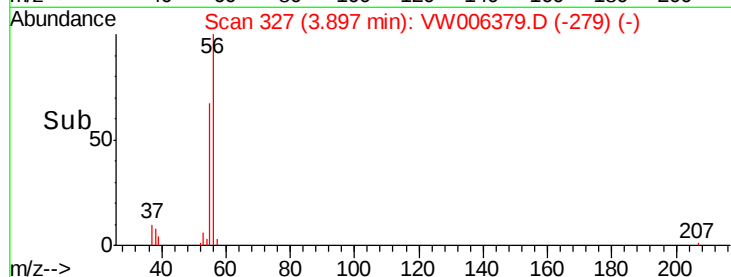
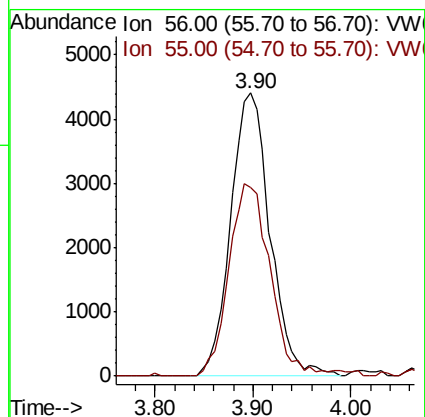
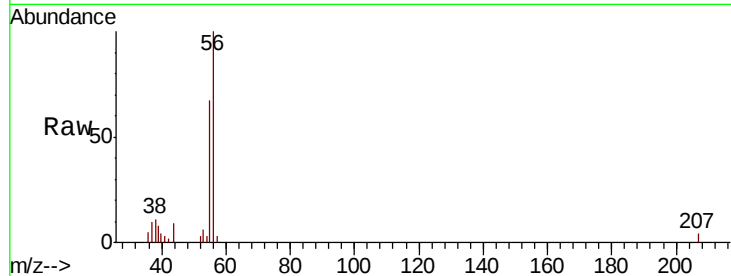
VW1027SBS01

Tot Ion: 56 Resp: 12314

Ion Ratio Lower Upper

56 100

55 71.0 54.5 81.7



#14

Allyl chloride

Concen: 20.562 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

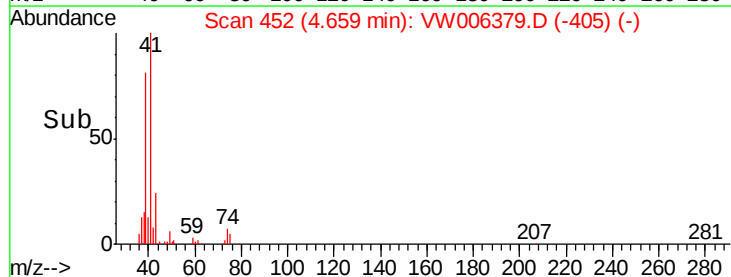
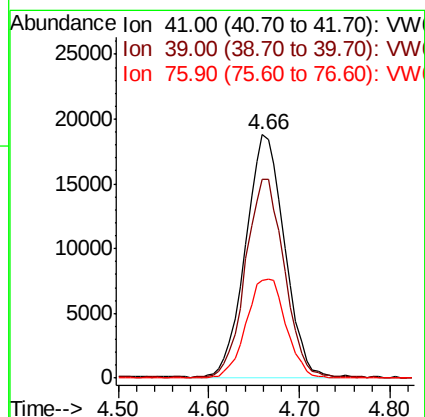
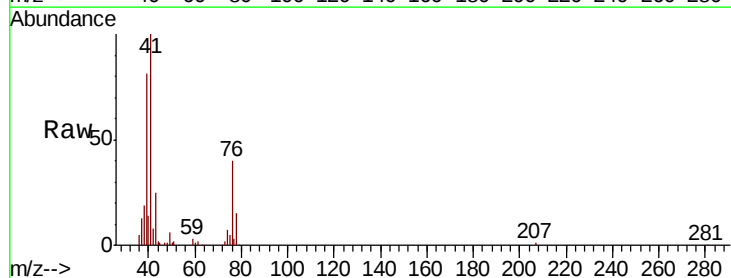
Tgt Ion: 41 Resp: 55377

Ion Ratio Lower Upper

41 100

39 81.1 64.1 96.1

76 41.8 32.2 48.4





#15

Acrylonitrile

Concen: 121.108 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampled :

VW1027SBS01

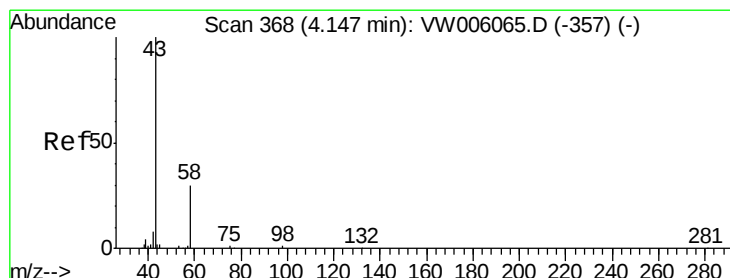
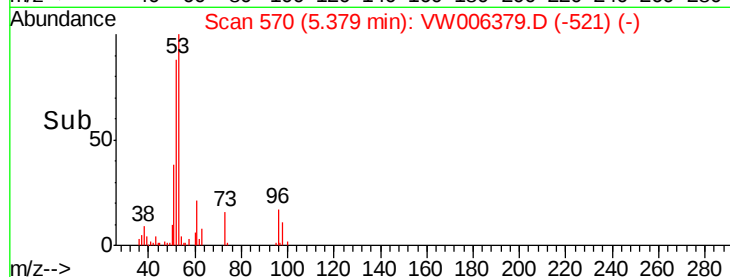
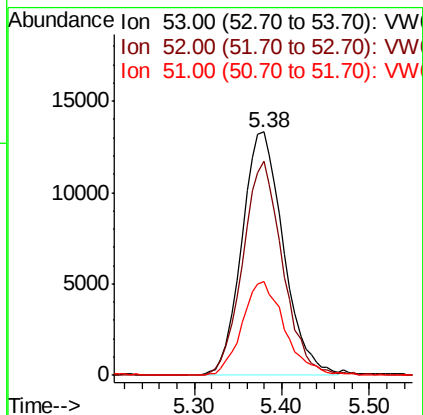
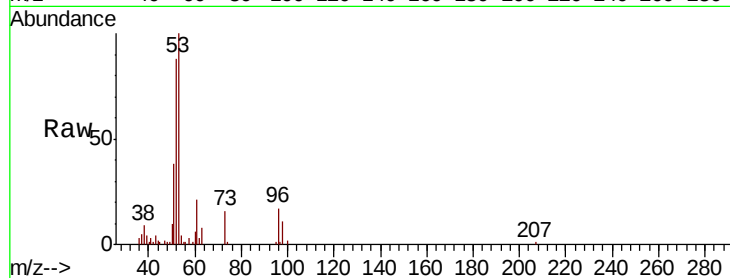
Tot Ion: 53 Resp: 44102

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

51 39.3 30.1 45.1



#16

Acetone

Concen: 116.894 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006379.D

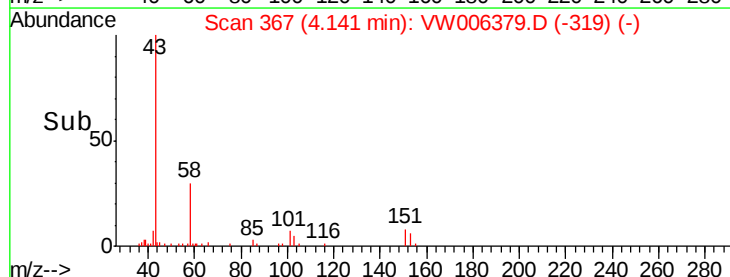
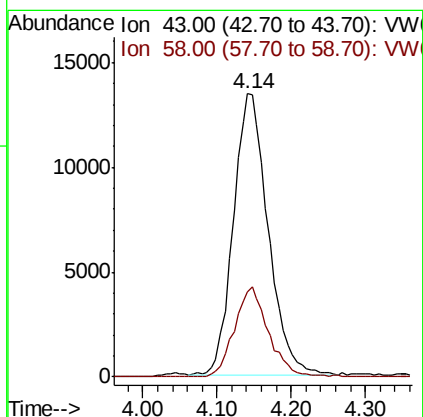
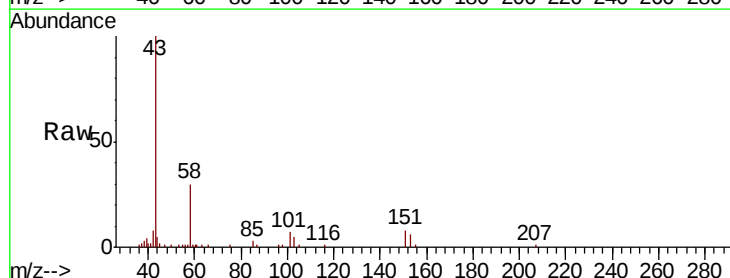
Acq: 26 Oct 2018 00:51

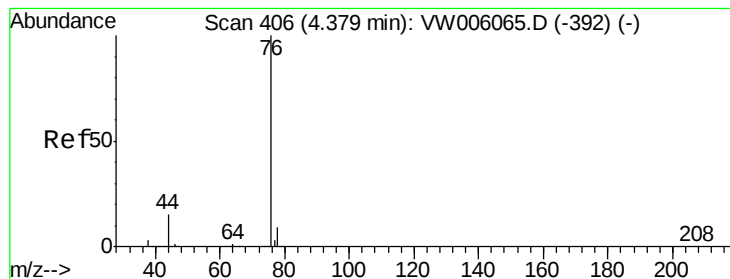
Tgt Ion: 43 Resp: 43749

Ion Ratio Lower Upper

43 100

58 30.3 24.0 36.0





#17

Carbon Disulfide

Concen: 18.220 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

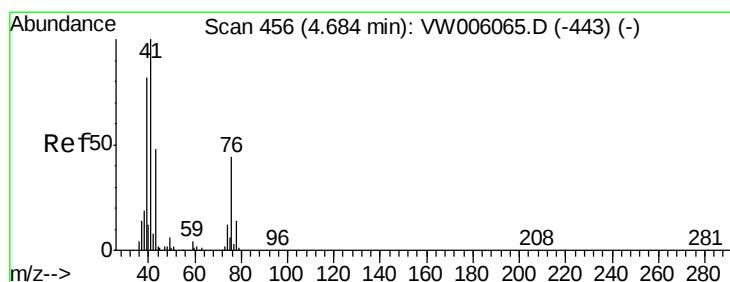
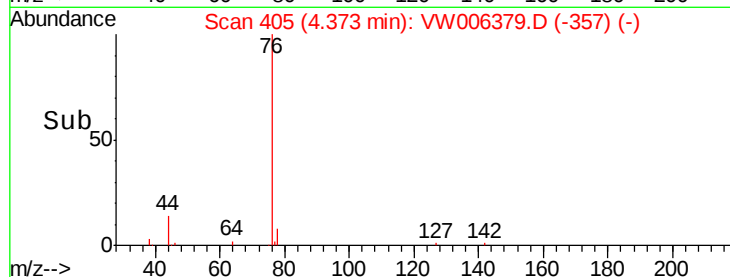
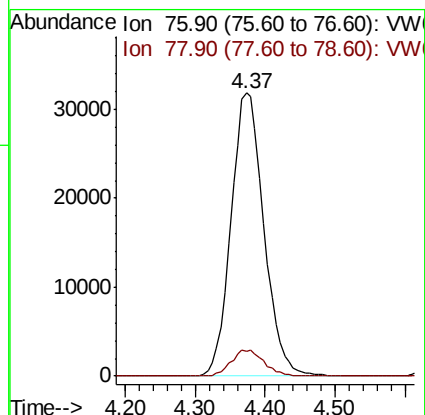
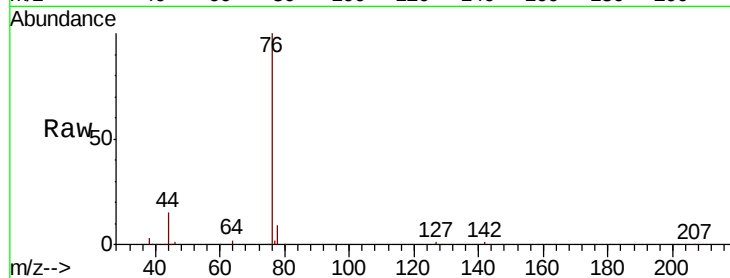
VW1027SBSD01

Tot Ion: 76 Resp: 103574

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#18

Methyl Acetate

Concen: 24.819 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006379.D

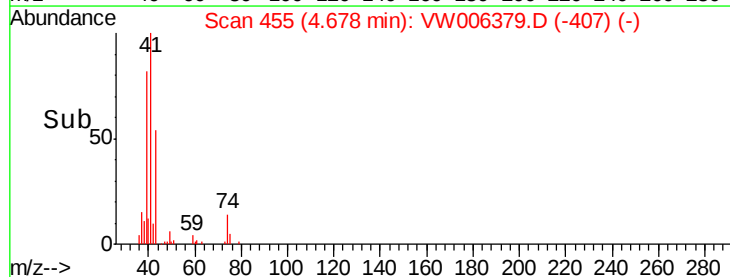
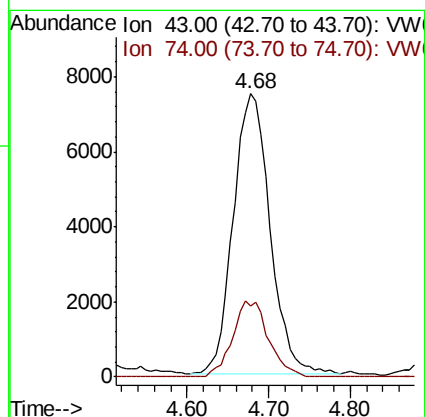
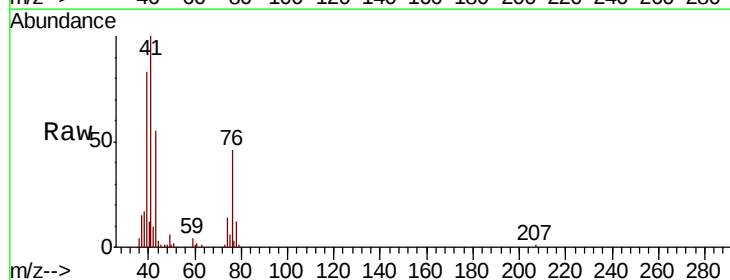
Acq: 26 Oct 2018 00:51

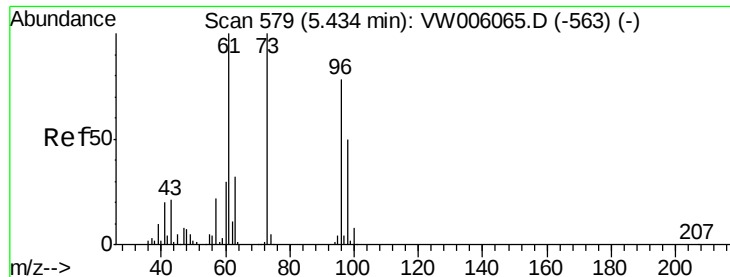
Tgt Ion: 43 Resp: 23343

Ion Ratio Lower Upper

43 100

74 26.3 20.5 30.7

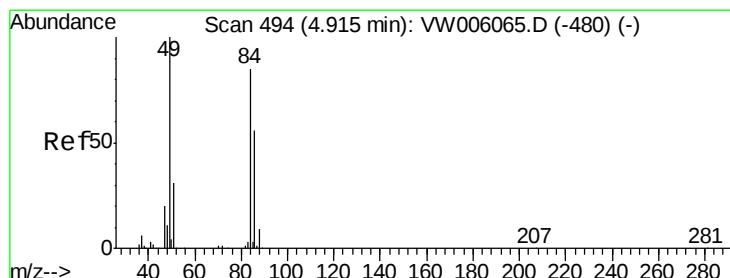
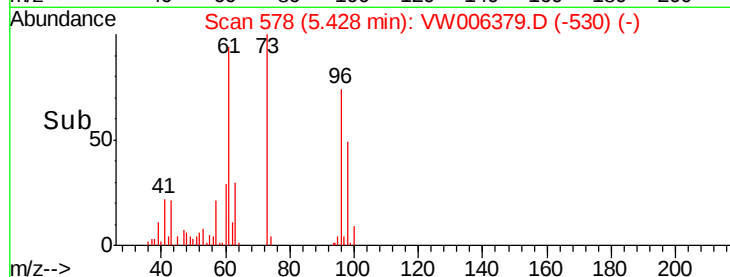
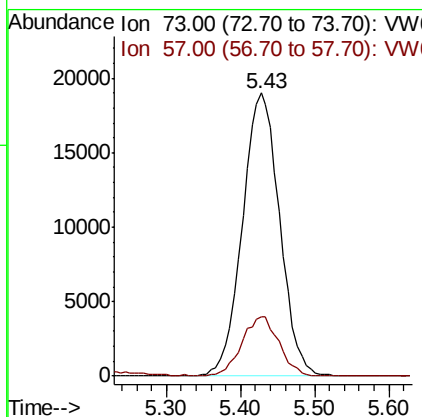
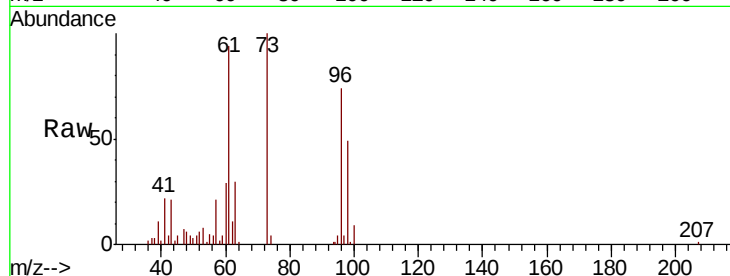




#19
Methyl tert-butyl Ether
Concen: 23.200 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

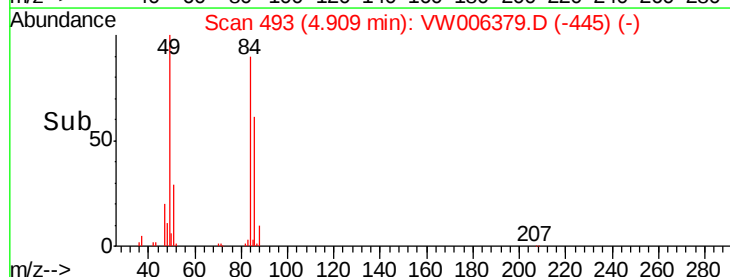
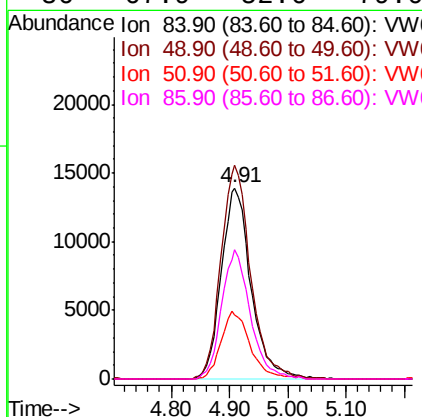
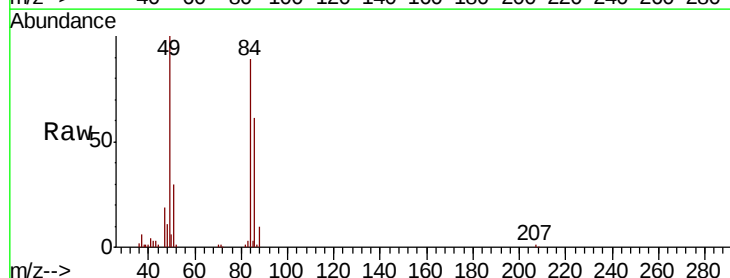
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

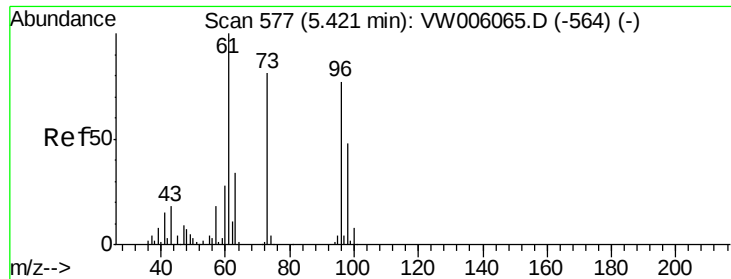
Tot Ion: 73 Resp: 66557
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2



#20
Methylene Chloride
Concen: 24.097 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 84 Resp: 49320
Ion Ratio Lower Upper
84 100
49 111.8 93.6 140.4
51 33.2 29.0 43.4
86 67.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 23.221 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

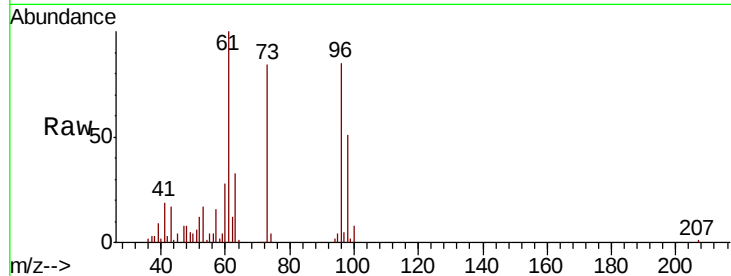
Tot Ion: 96 Resp: 48819

Ion Ratio Lower Upper

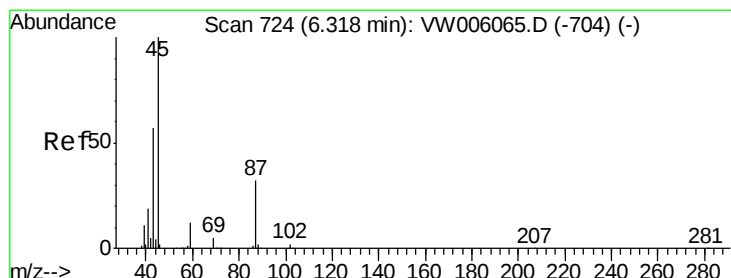
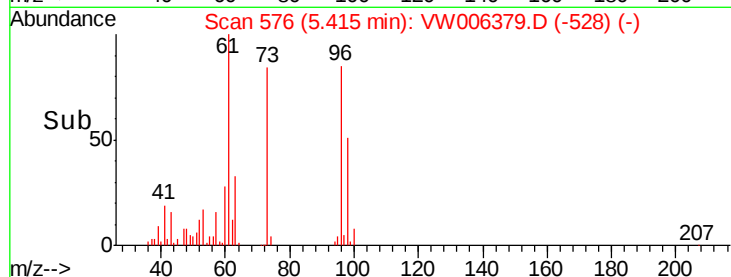
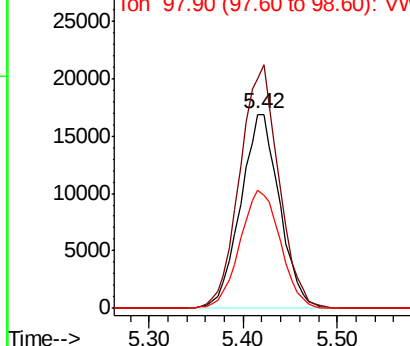
96 100

61 118.2 104.5 156.7

98 60.7 50.6 75.8



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



#22

Diisopropyl ether

Concen: 22.875 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion: 45 Resp: 121742

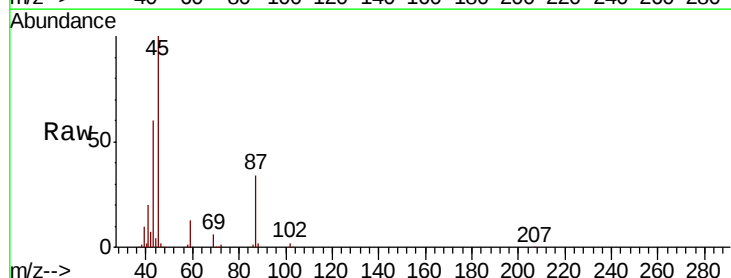
Ion Ratio Lower Upper

45 100

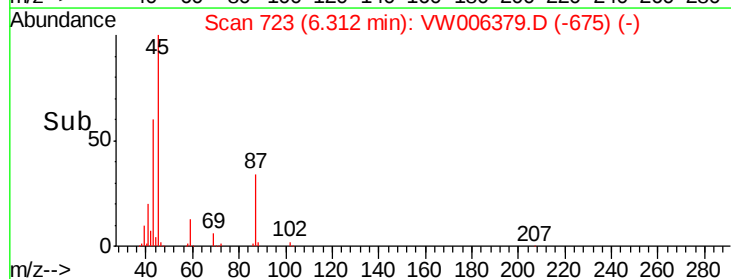
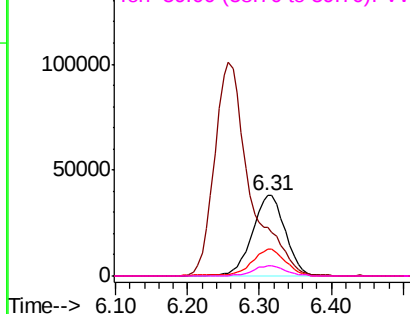
43 59.8 45.7 68.5

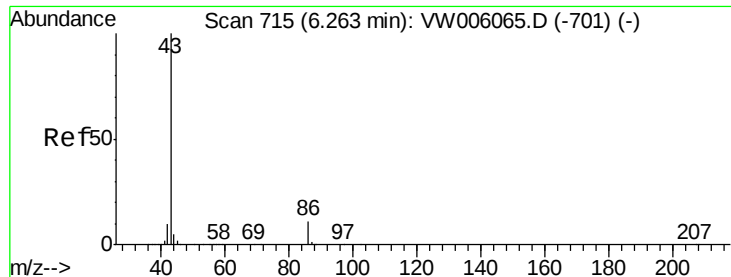
87 33.8 25.9 38.9

59 12.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 109.742 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

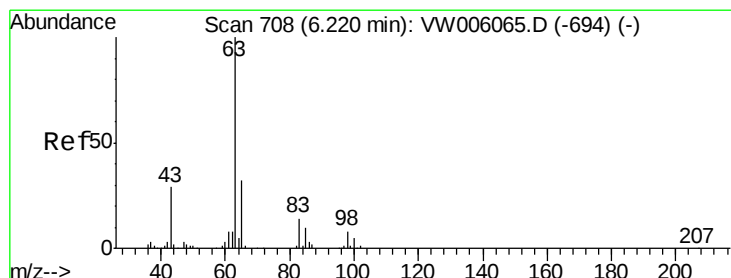
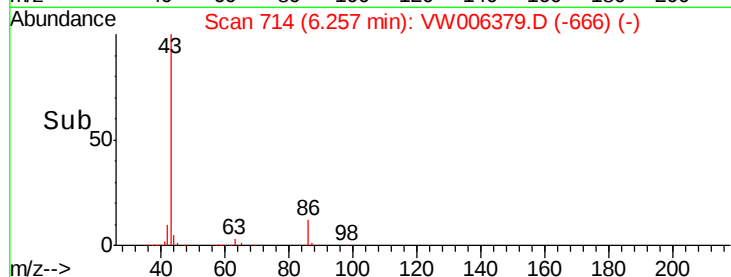
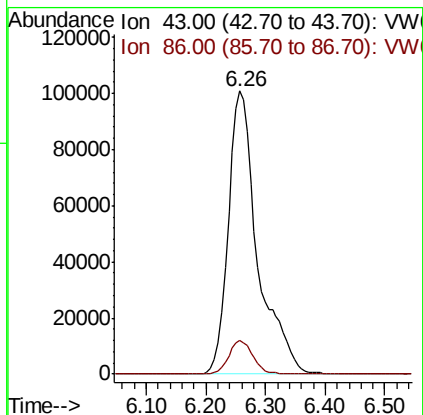
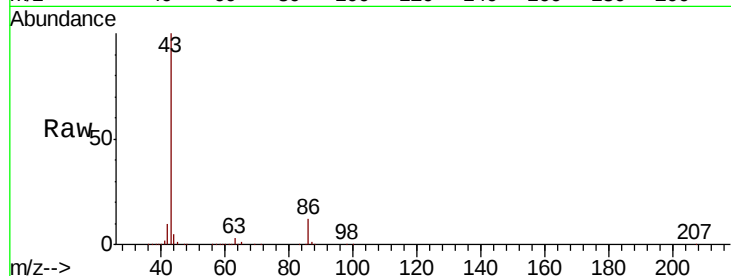
VW1027SBS01

Tot Ion: 43 Resp: 344678

Ion Ratio Lower Upper

43 100

86 12.0 9.0 13.6



#24

1,1-Dichloroethane

Concen: 23.631 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

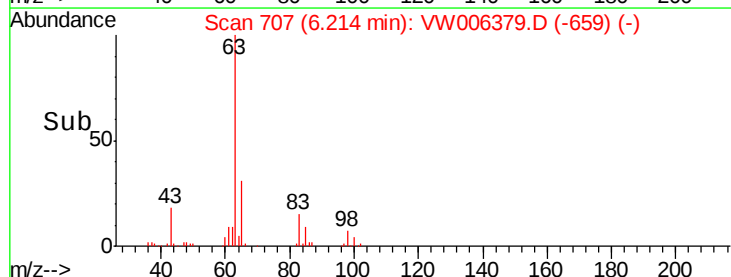
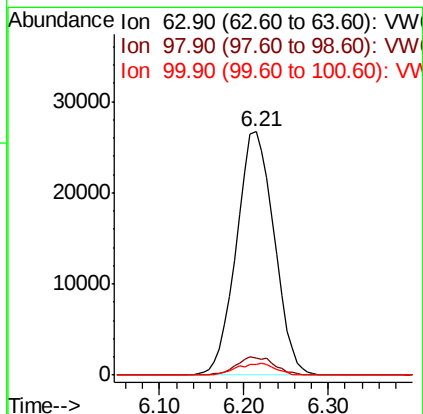
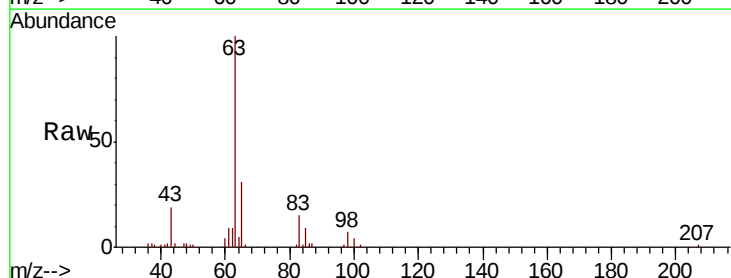
Tgt Ion: 63 Resp: 81150

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 121.651 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

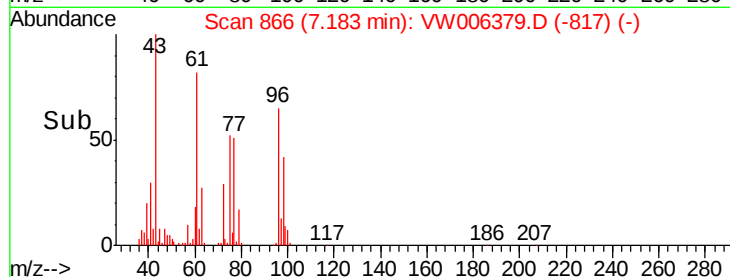
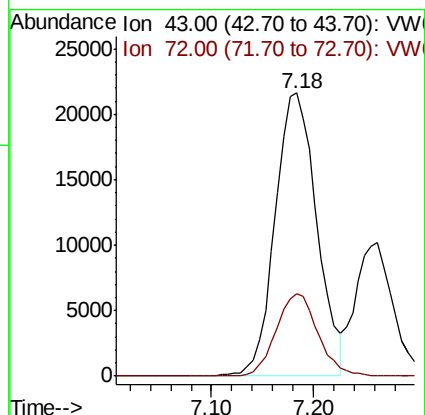
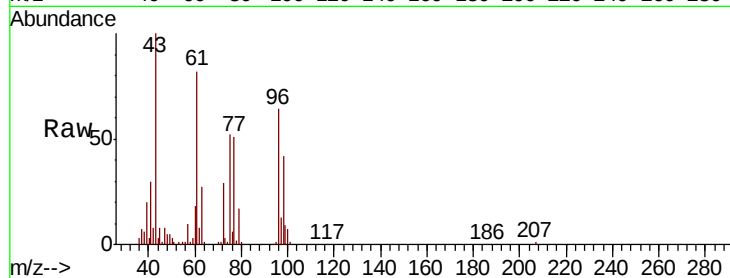
VW1027SBS01

Tot Ion: 43 Resp: 61420

Ion Ratio Lower Upper

43 100

72 29.3 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.169 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006379.D

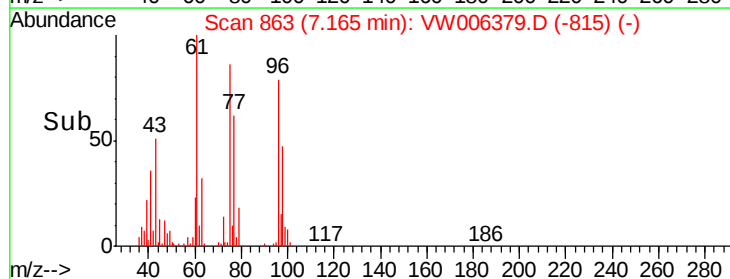
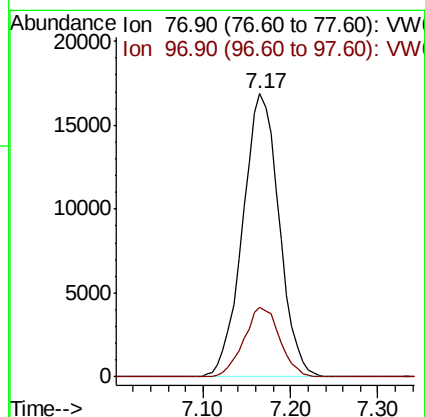
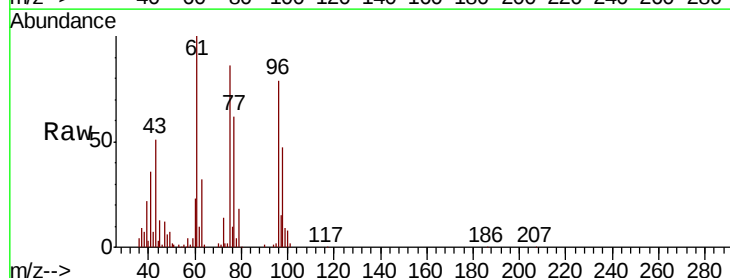
Acq: 26 Oct 2018 00:51

Tgt Ion: 77 Resp: 48850

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4



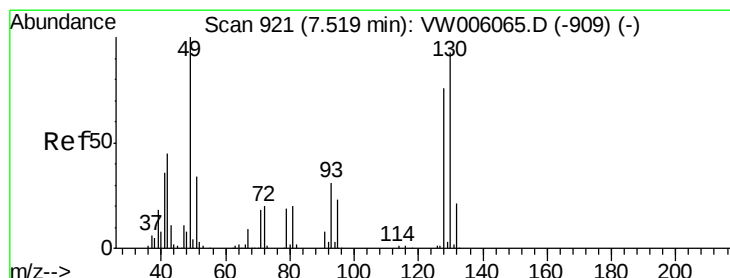
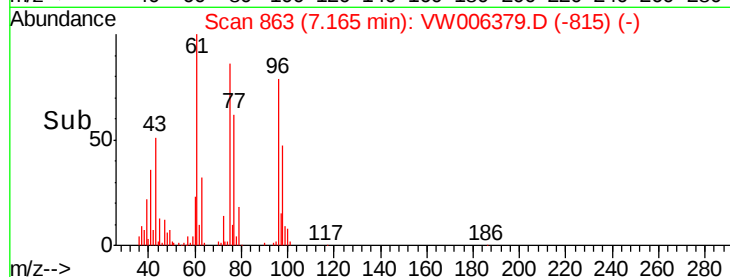
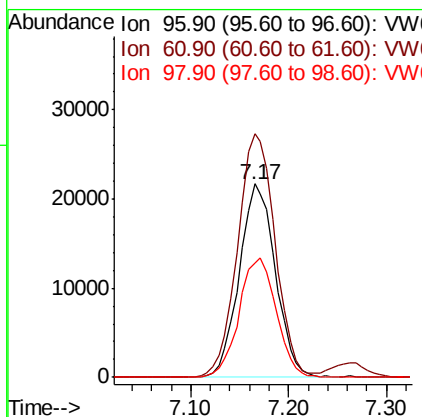
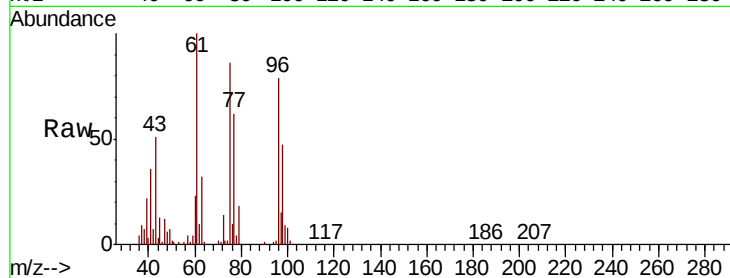


#27

cis-1,2-Dichloroethene
Concen: 23.909 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

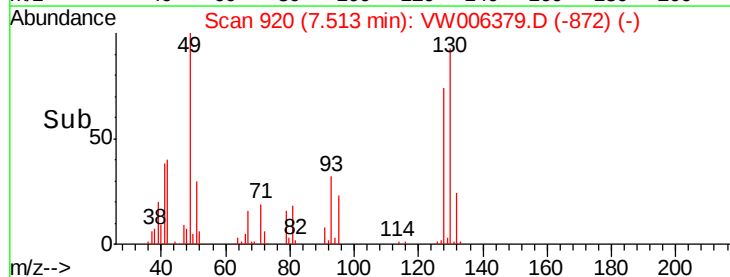
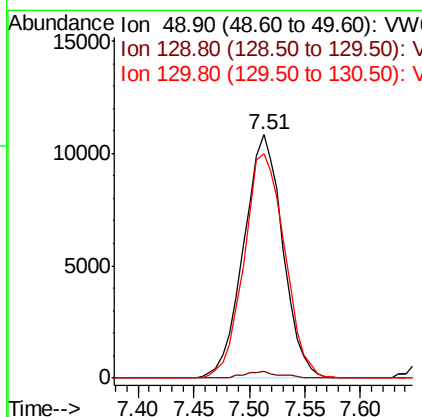
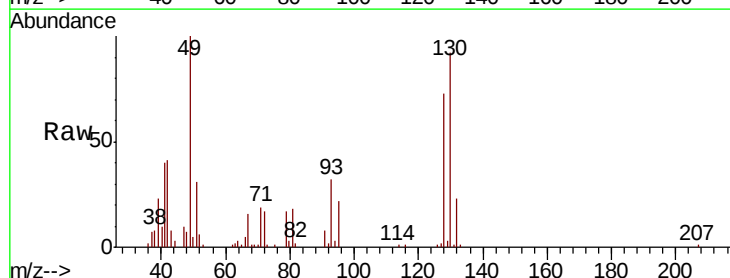
Tot Ion: 96 Resp: 55469
Ion Ratio Lower Upper
96 100
61 130.9 0.0 267.2
98 63.5 0.0 128.6



#28

Bromochloromethane
Concen: 19.930 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 49 Resp: 26423
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 95.9 73.8 110.8

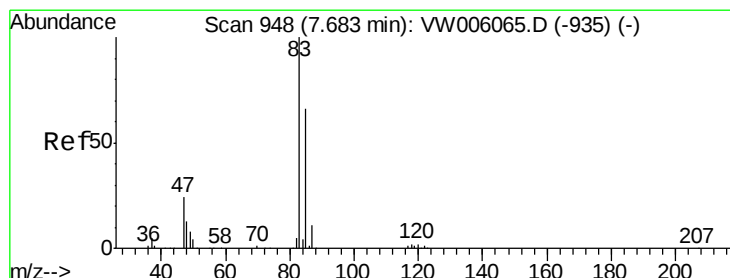
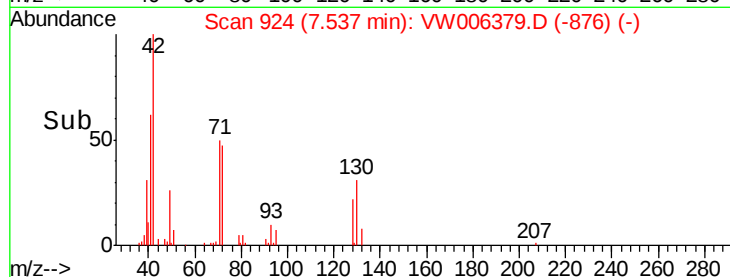
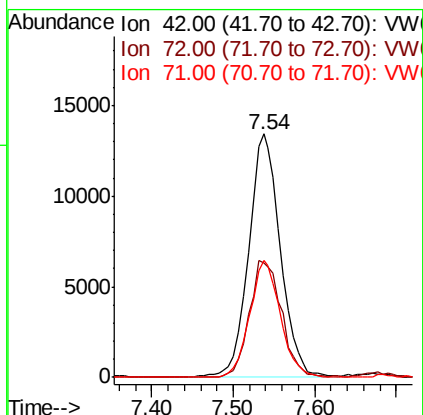
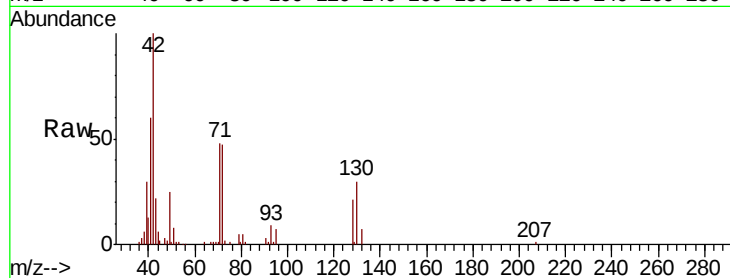




#29
Tetrahydrofuran
Concen: 117.422 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

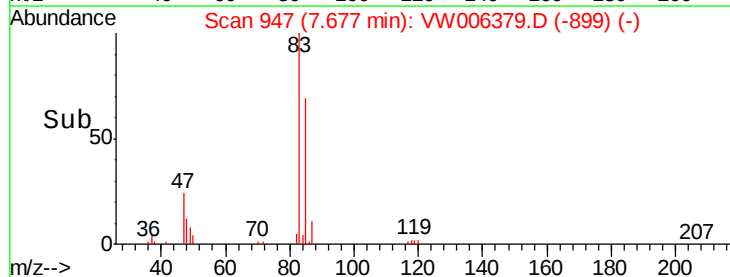
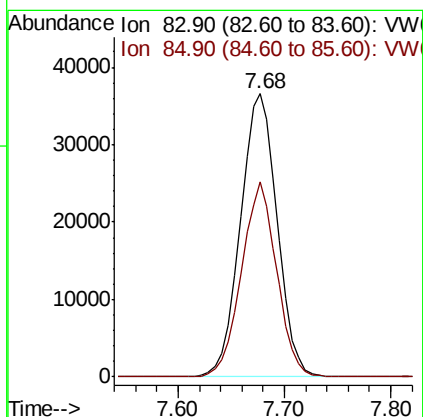
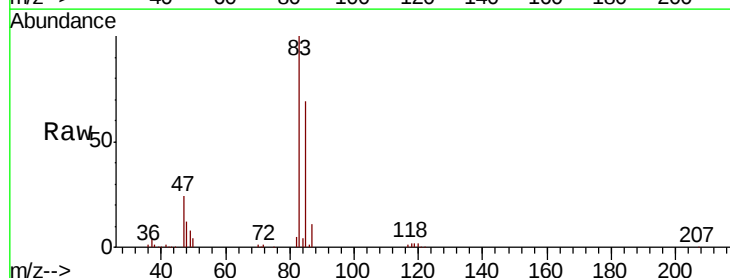
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

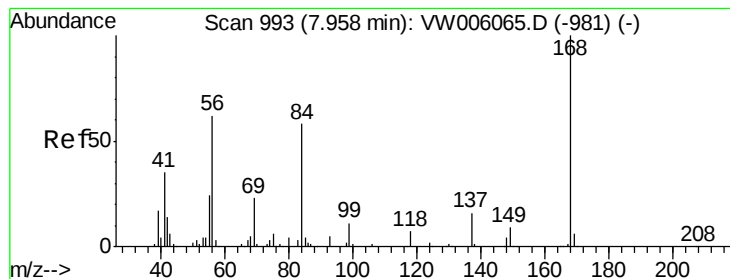
Tot Ion: 42 Resp: 36441
Ion Ratio Lower Upper
42 100
72 48.7 38.0 57.0
71 46.3 35.3 52.9



#30
Chloroform
Concen: 23.578 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 83 Resp: 88218
Ion Ratio Lower Upper
83 100
85 69.0 52.6 79.0





#31

Cyclohexane

Concen: 20.516 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

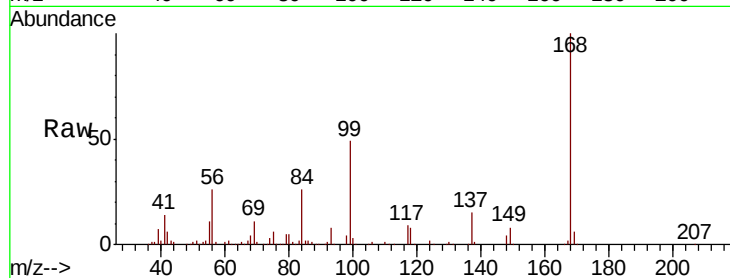
Tot Ion: 56 Resp: 70162

Ion Ratio Lower Upper

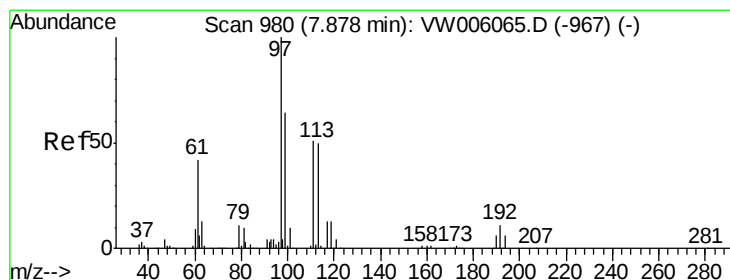
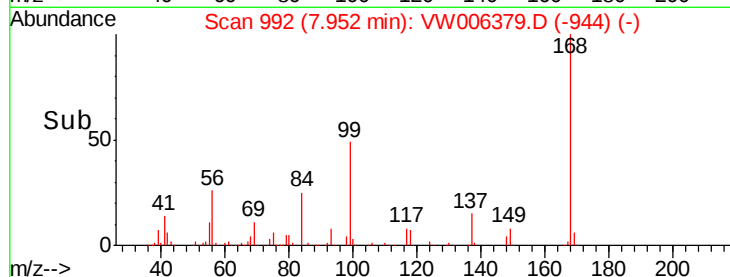
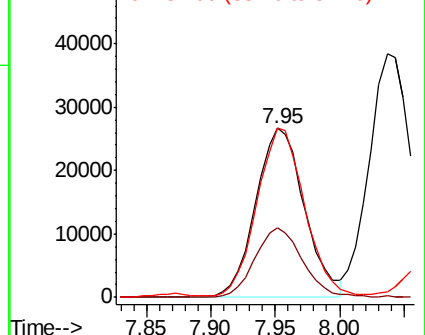
56 100

69 41.3 29.4 44.0

84 98.8 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 22.003 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

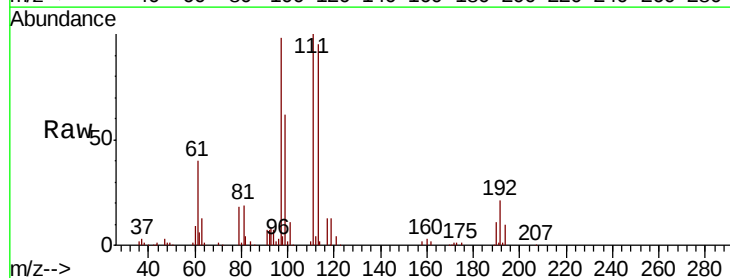
Tgt Ion: 97 Resp: 74262

Ion Ratio Lower Upper

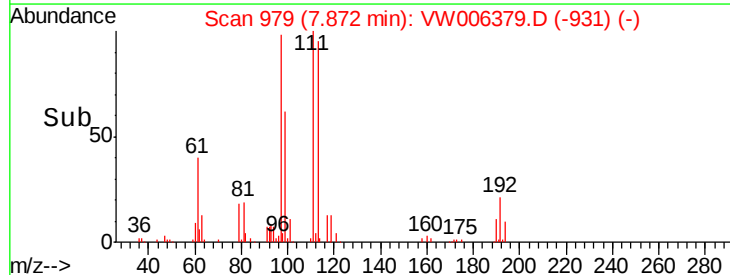
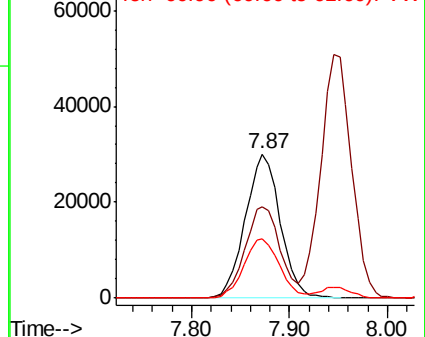
97 100

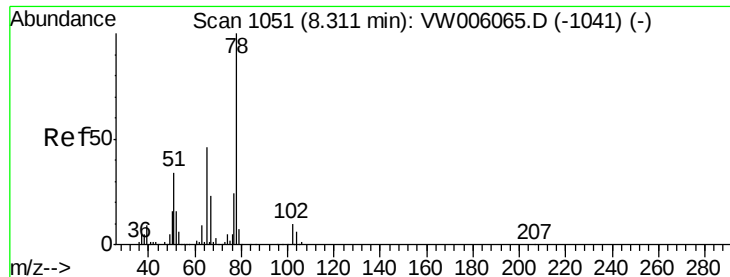
99 64.3 50.9 76.3

61 42.4 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 51.128 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

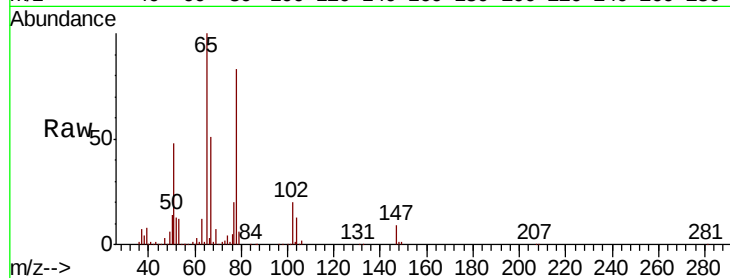
VW1027SBSD01

Tot Ion: 65 Resp: 95553

Ion Ratio Lower Upper

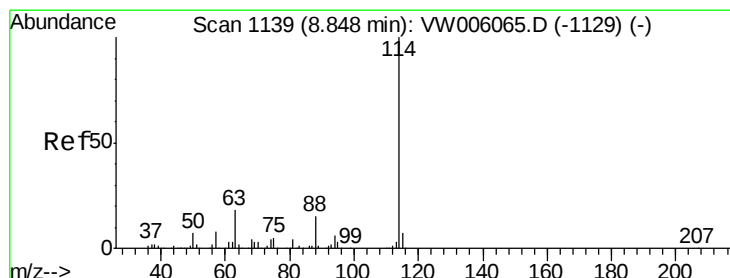
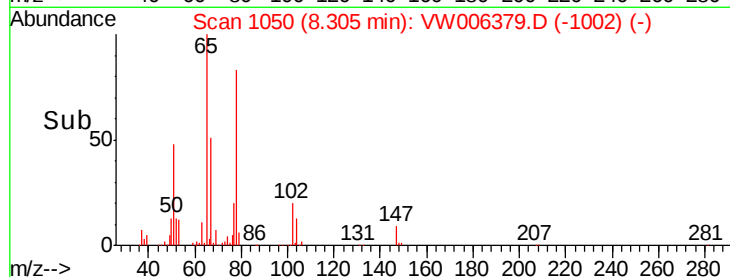
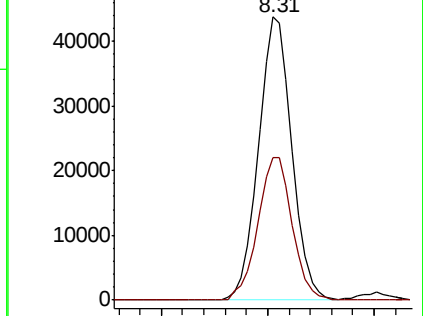
65 100

67 51.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

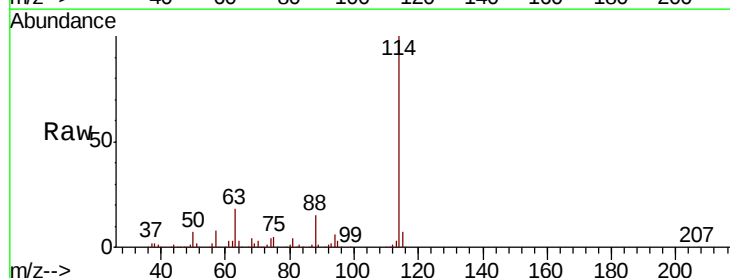
Tgt Ion: 114 Resp: 325233

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

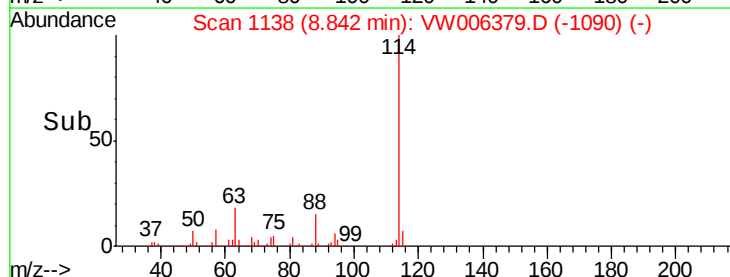
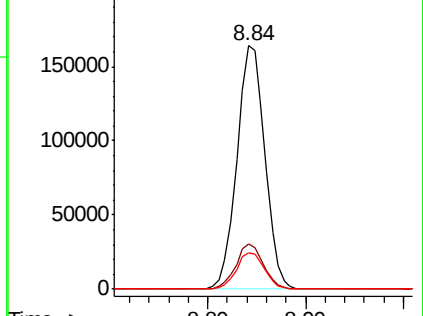
88 14.9 0.0 29.0

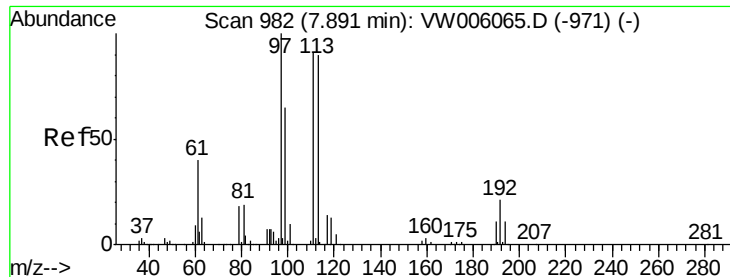


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.256 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

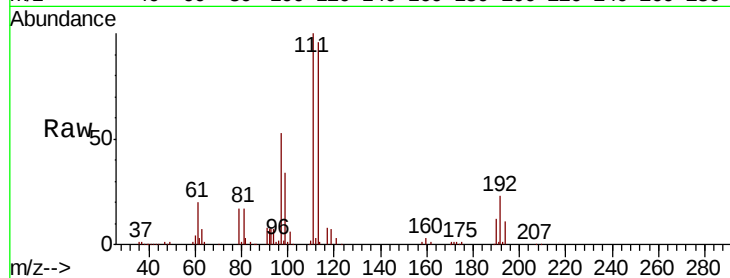
Tot Ion:113 Resp: 98503

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

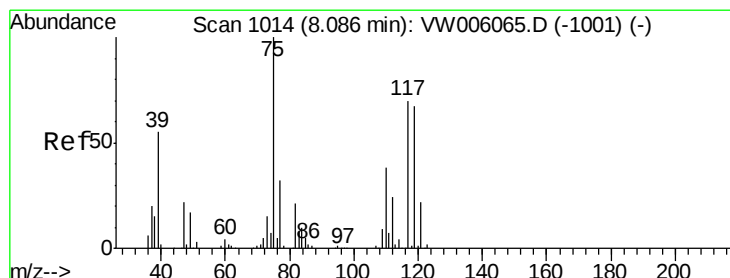
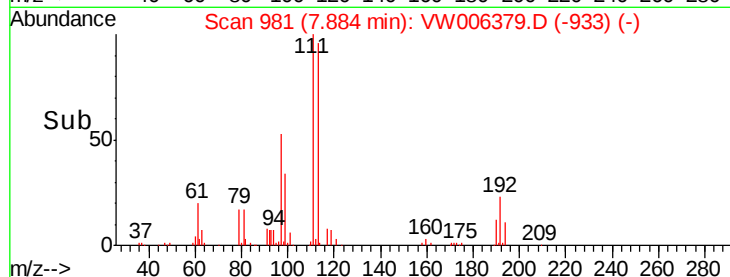
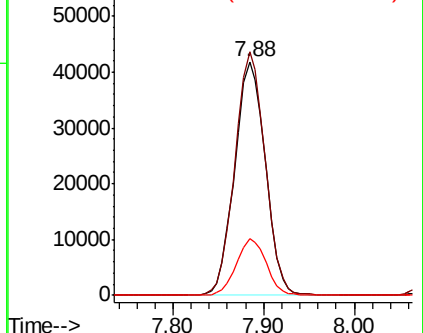
192 23.5 18.7 28.1



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: 22.873 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

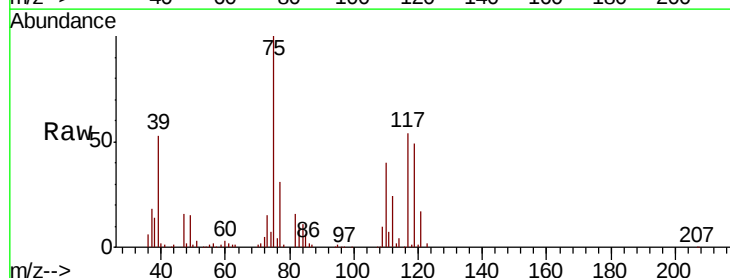
Tgt Ion: 75 Resp: 68568

Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.1

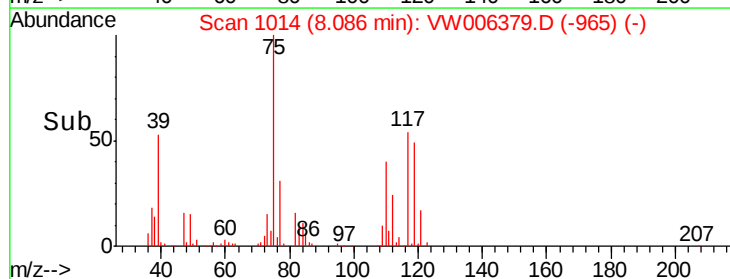
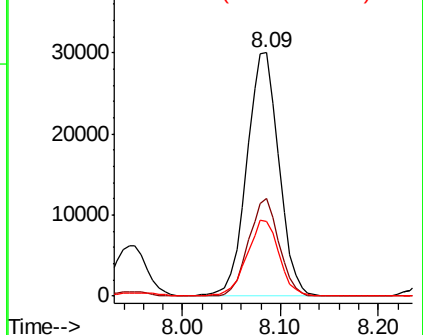
77 31.2 25.0 37.4

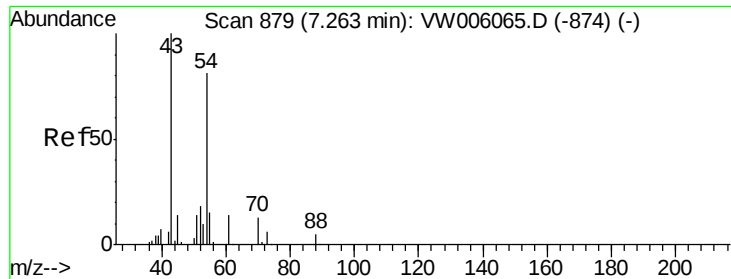


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

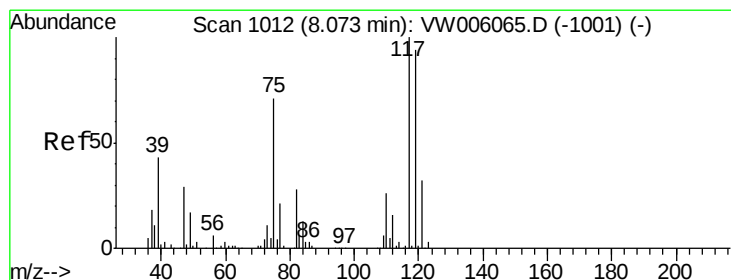
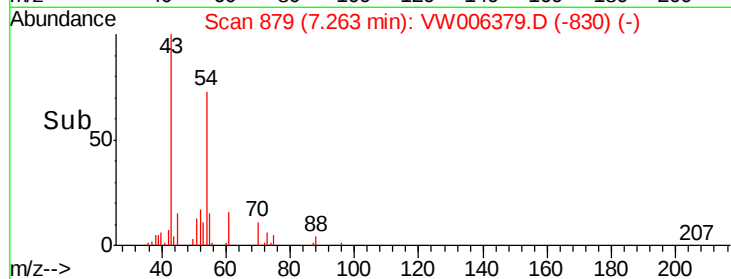
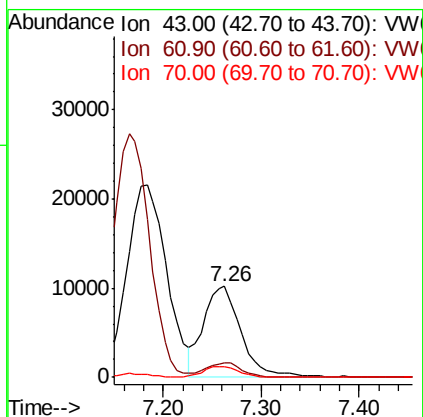
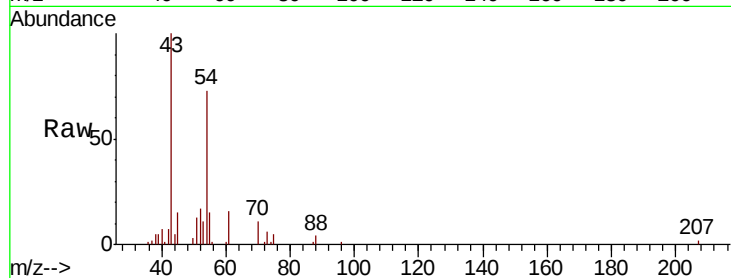




#37
Ethyl Acetate
Concen: 23.919 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

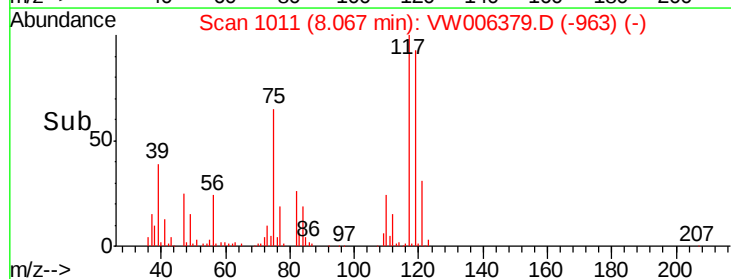
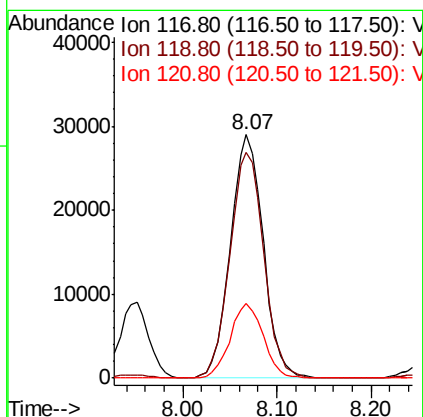
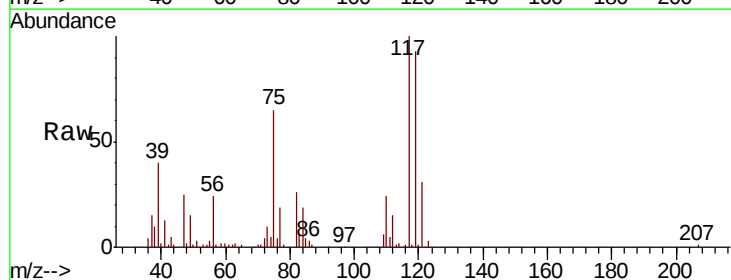
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

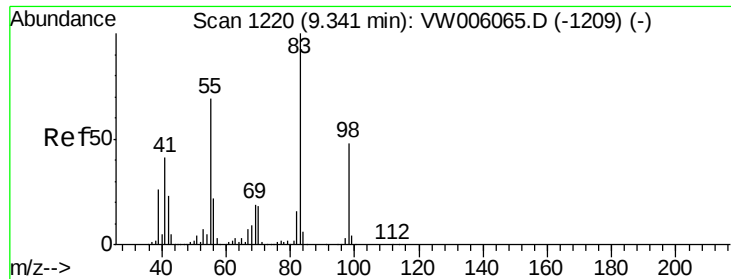
Tot Ion: 43 Resp: 26640
Ion Ratio Lower Upper
43 100
61 15.3 11.5 17.3
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 21.418 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 117 Resp: 70385
Ion Ratio Lower Upper
117 100
119 92.6 75.2 112.8
121 30.6 25.3 37.9

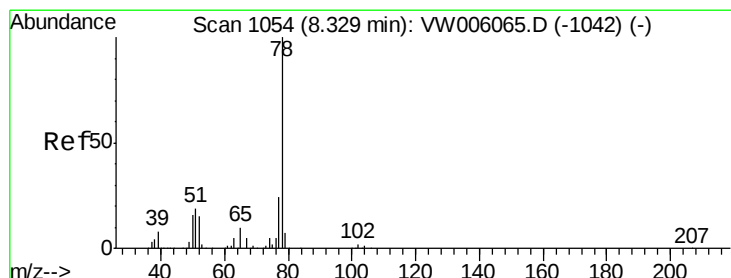
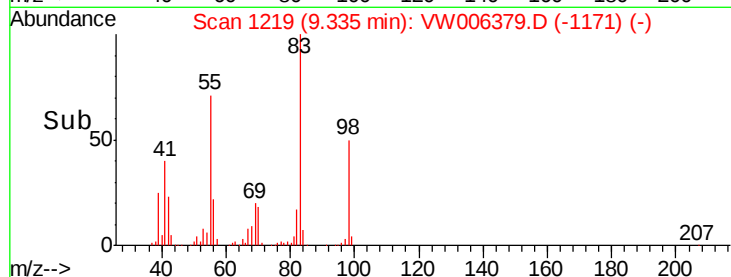
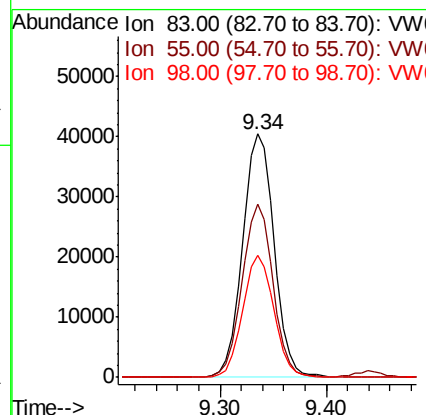
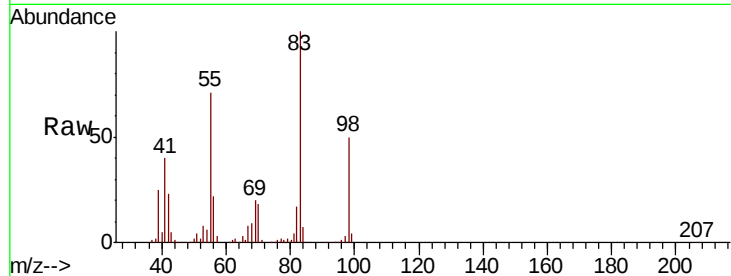




#39
Methvlcvclohexane
Concen: 21.130 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

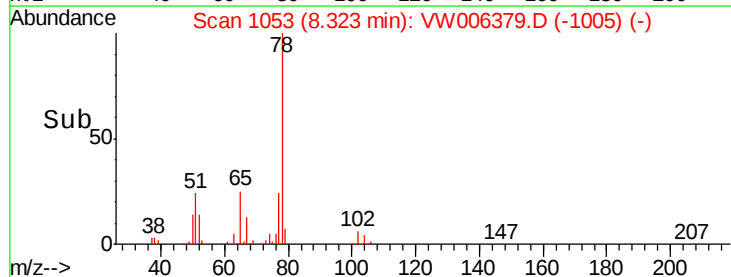
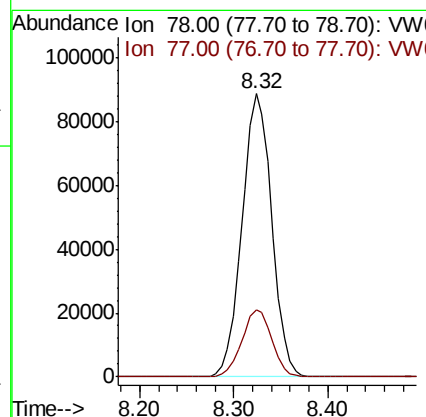
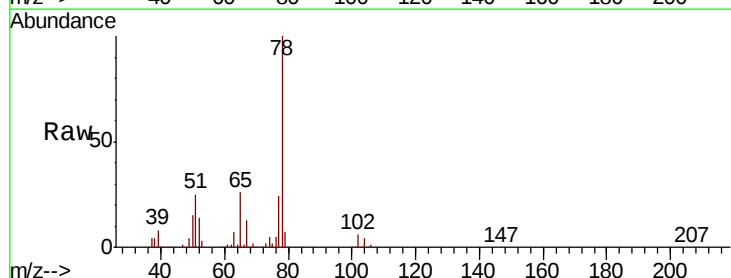
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

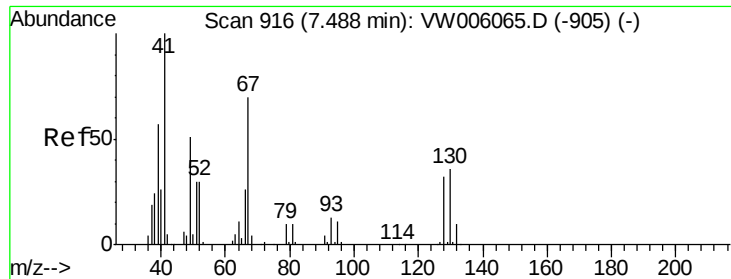
Tot Ion: 83 Resp: 84199
Ion Ratio Lower Upper
83 100
55 71.4 55.0 82.6
98 49.9 38.6 57.8



#40
Benzene
Concen: 23.695 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 78 Resp: 194843
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

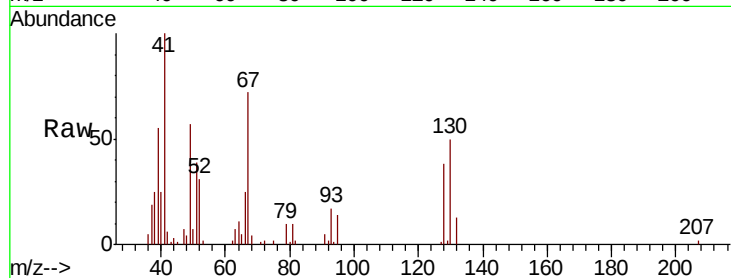




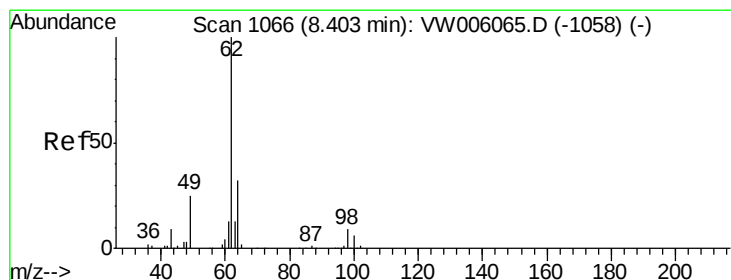
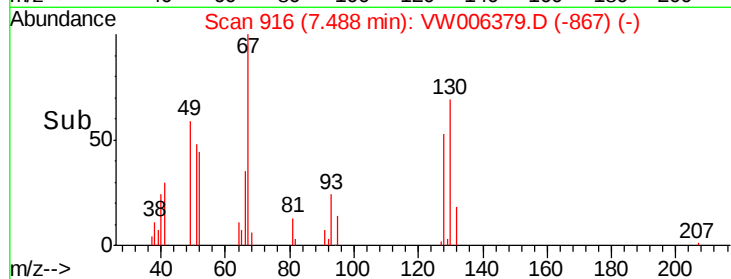
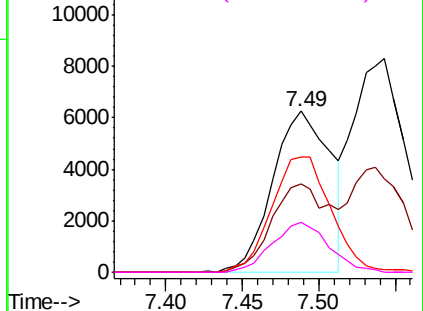
#41
Methacrylonitrile
Concen: 24.527 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tot Ion:	41	Resp:	16468
Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.2	69.4
67	73.8	57.7	86.5
52	30.2	24.7	37.1

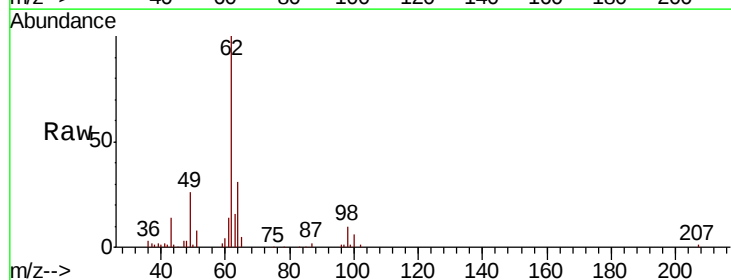


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

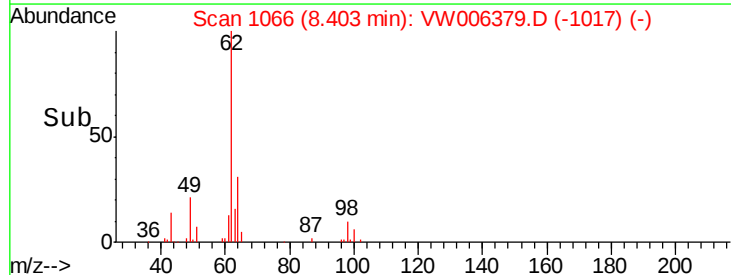
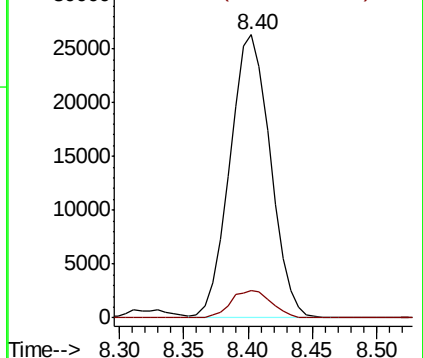


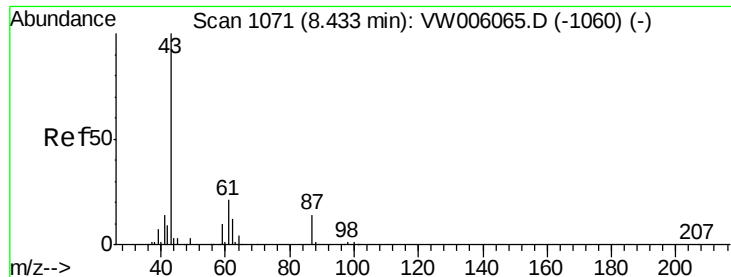
#42
1,2-Dichloroethane
Concen: 23.833 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:	62	Resp:	57579
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.357 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

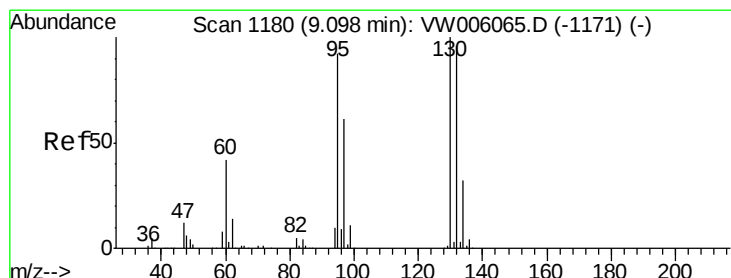
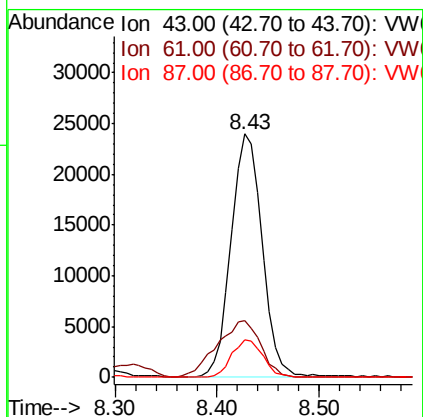
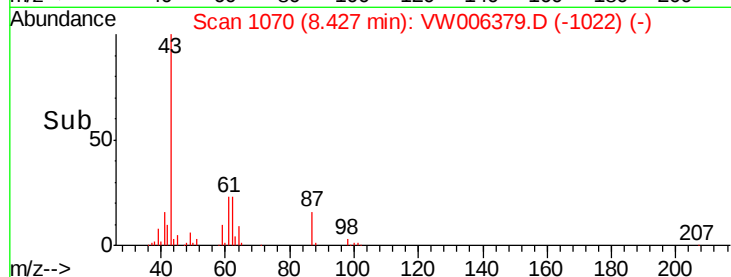
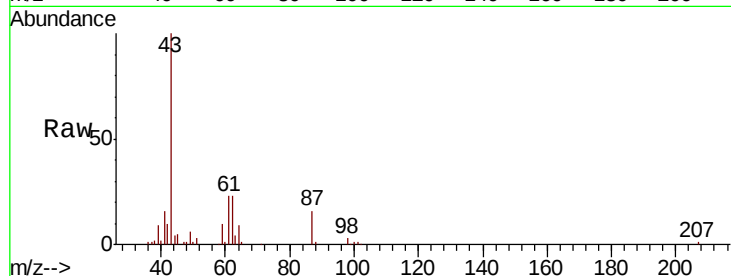
Tot Ion: 43 Resp: 50914

Ion Ratio Lower Upper

43 100

61 32.5 25.5 38.3

87 15.3 11.7 17.5



#44

Trichloroethene

Concen: 23.293 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006379.D

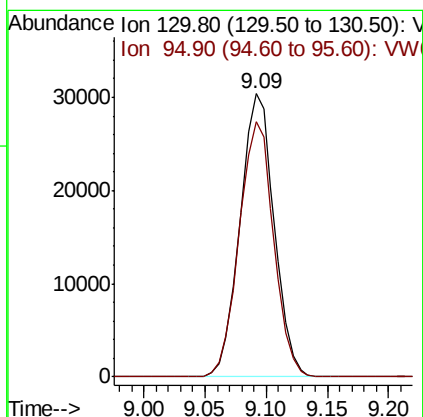
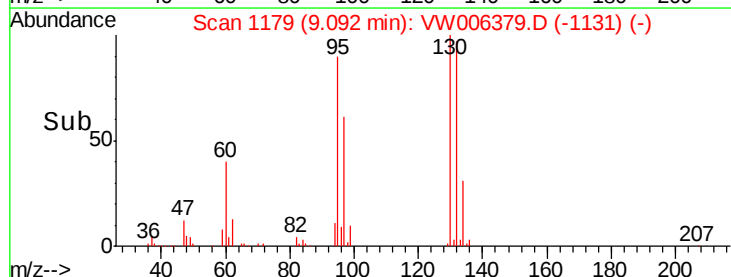
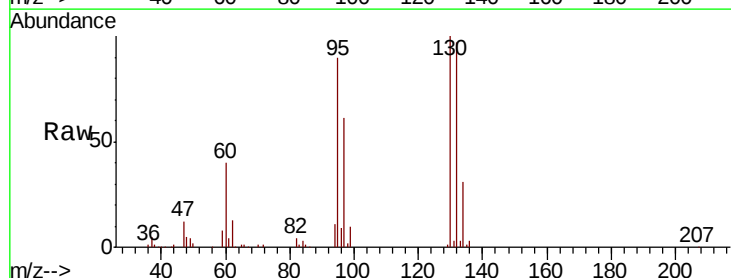
Acq: 26 Oct 2018 00:51

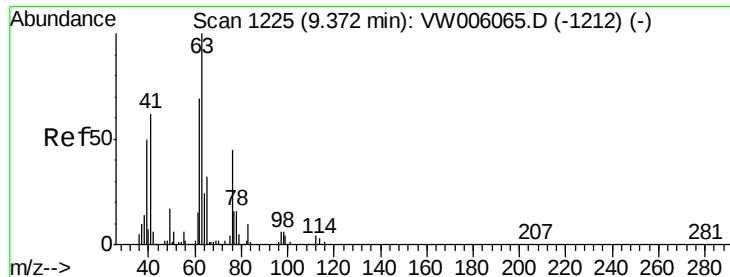
Tgt Ion: 130 Resp: 58764

Ion Ratio Lower Upper

130 100

95 90.1 0.0 183.2

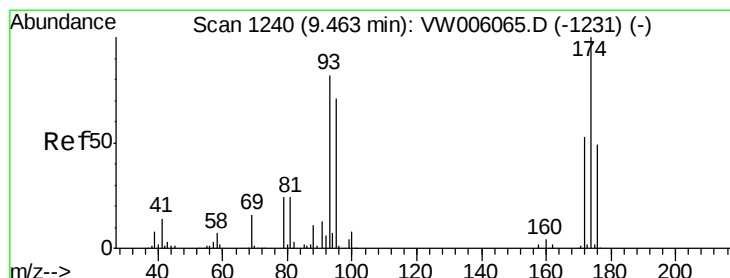
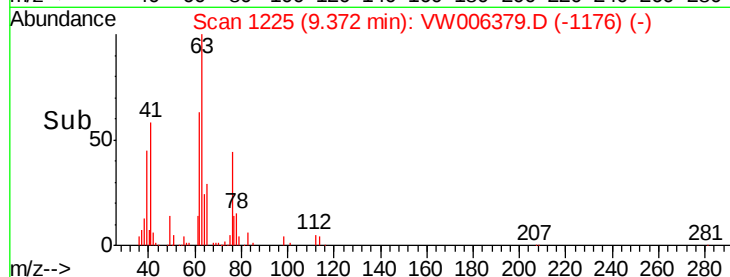
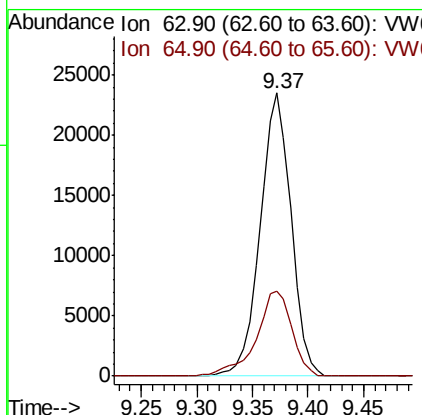
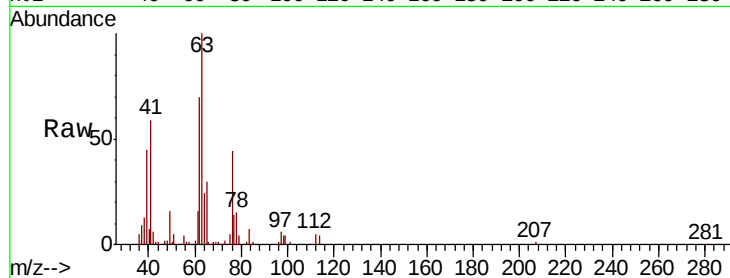




#45
 1,2-Dichloropropane
 Concen: 23.118 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

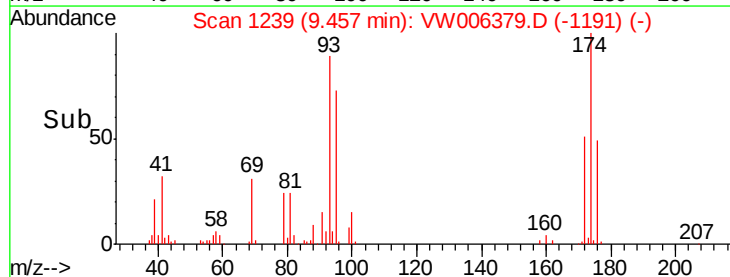
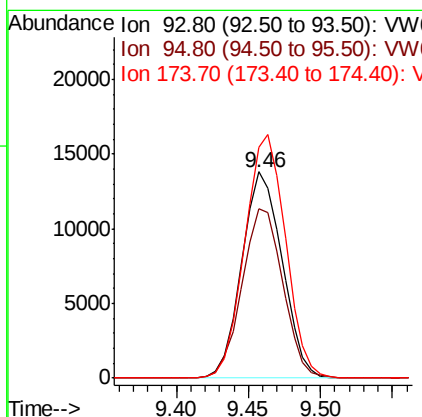
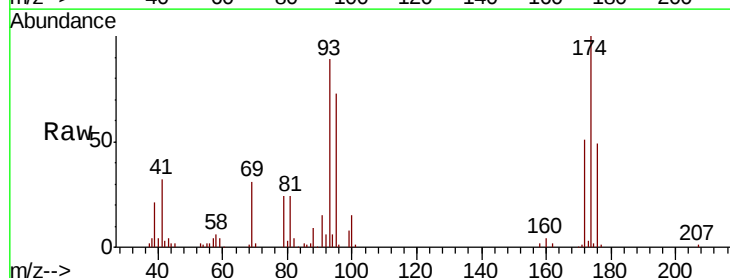
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tot Ion: 63 Resp: 45490
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0



#46
 Dibromomethane
 Concen: 23.976 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 93 Resp: 26889
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.7 101.5
 174 118.7 93.7 140.5





#47

Bromodichloromethane

Concen: 22.300 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

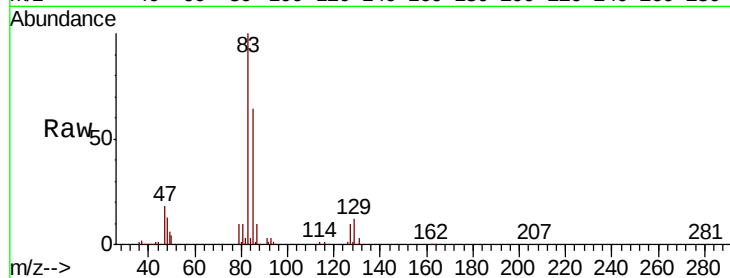
Tot Ion: 83 Resp: 60634

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8

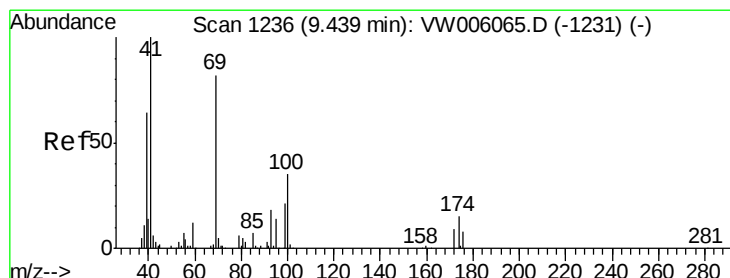
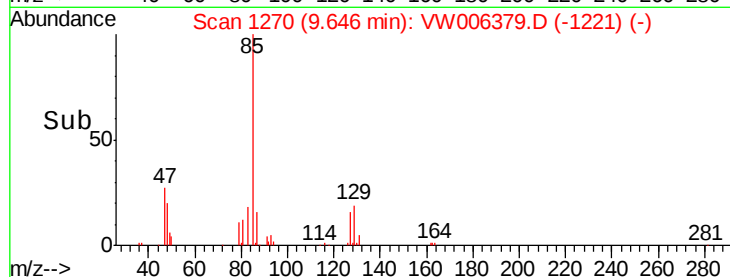
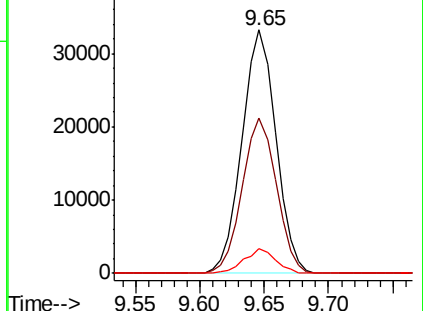
127 10.0 6.9 10.3



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): VW



#48

Methyl methacrylate

Concen: 22.765 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

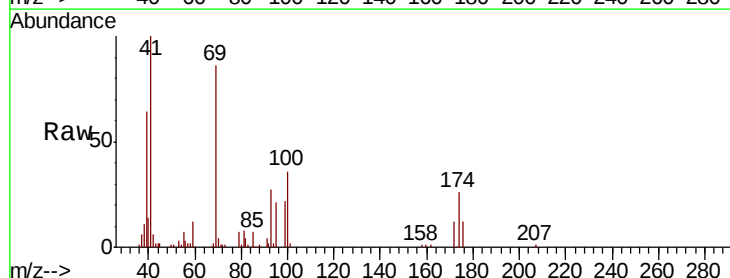
Tgt Ion: 41 Resp: 24574

Ion Ratio Lower Upper

41 100

69 94.7 71.8 107.8

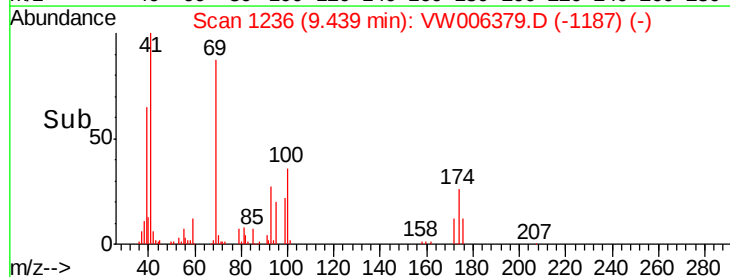
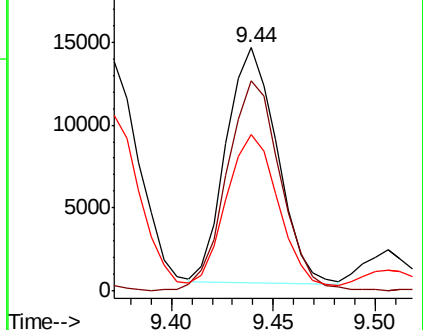
39 69.5 52.5 78.7

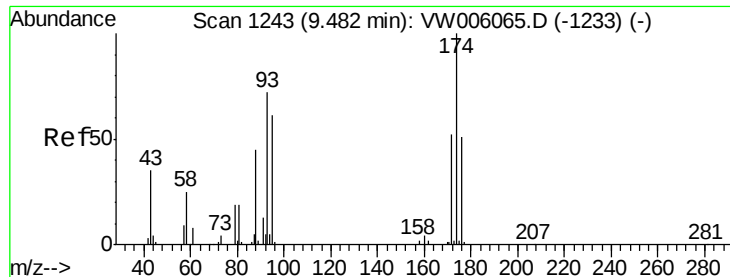


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

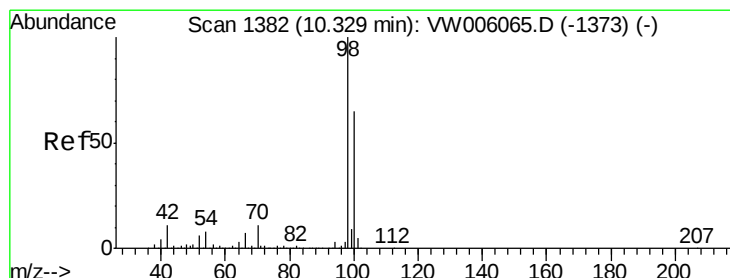
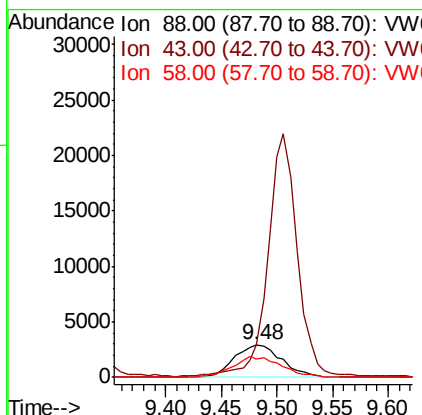
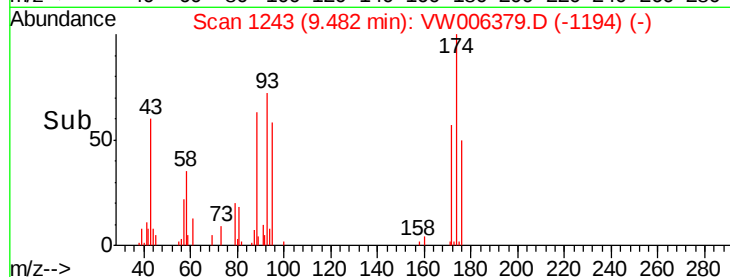
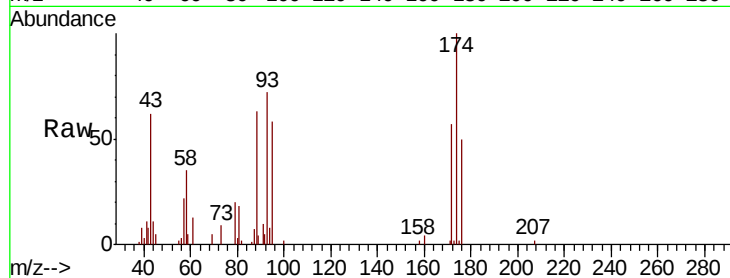




#49
1,4-Dioxane
Concen: 501.067 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

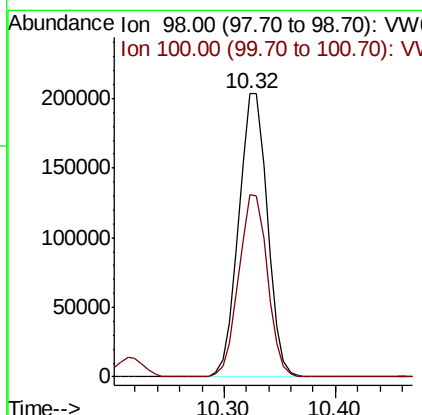
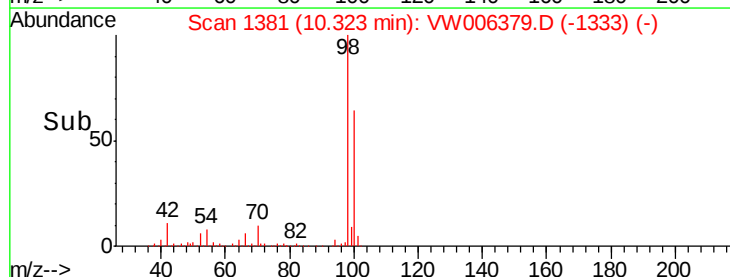
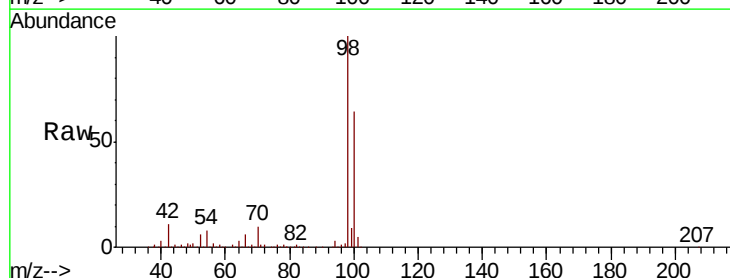
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

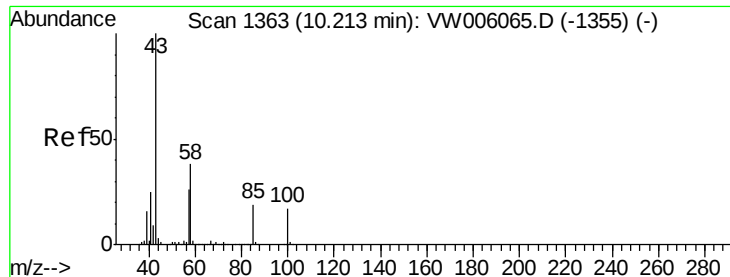
Tot Ion: 88 Resp: 8651
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.8 51.2 76.8



#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 98 Resp: 364529
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 118.841 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

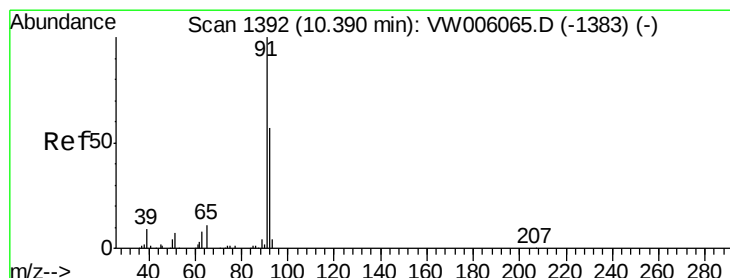
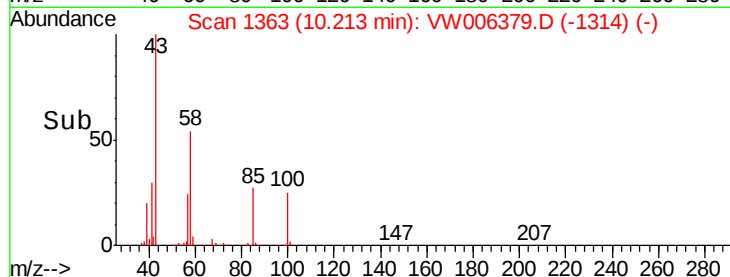
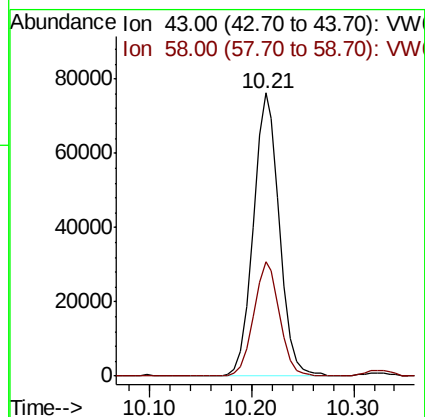
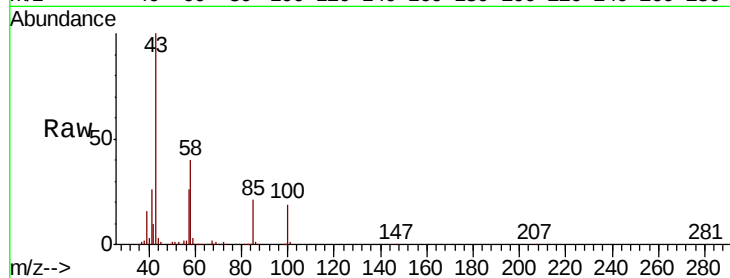
VW1027SBS01

Tot Ion: 43 Resp: 135597

Ion Ratio Lower Upper

43 100

58 40.3 31.5 47.3



#52

Toluene

Concen: 23.503 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006379.D

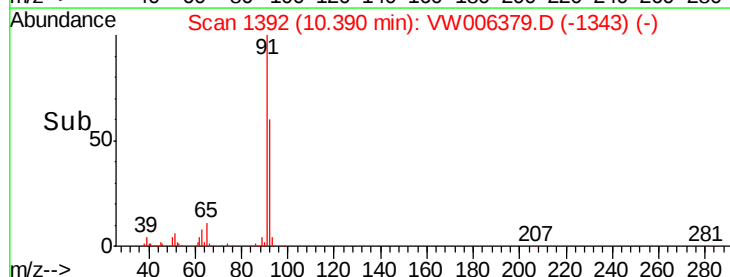
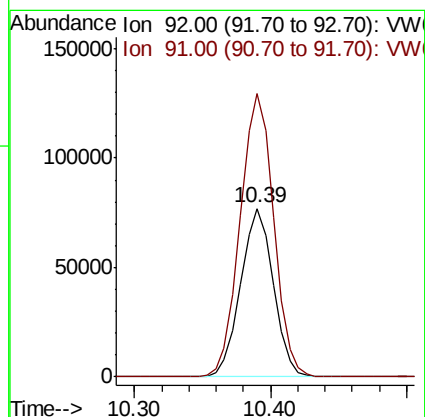
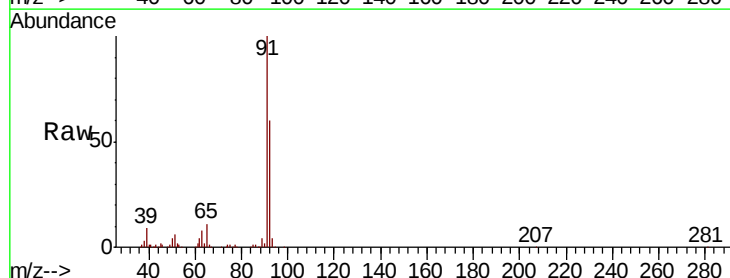
Acq: 26 Oct 2018 00:51

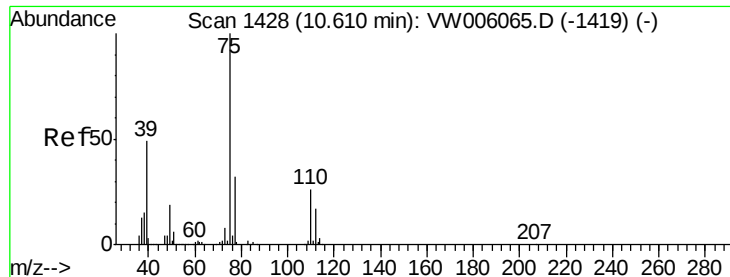
Tgt Ion: 92 Resp: 129568

Ion Ratio Lower Upper

92 100

91 172.3 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 21.219 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

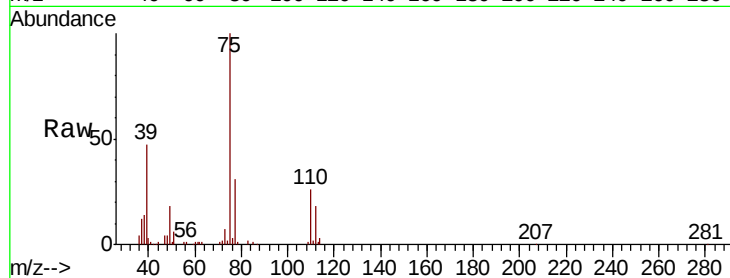
VW1027SBSD01

Tot Ion: 75 Resp: 57482

Ion Ratio Lower Upper

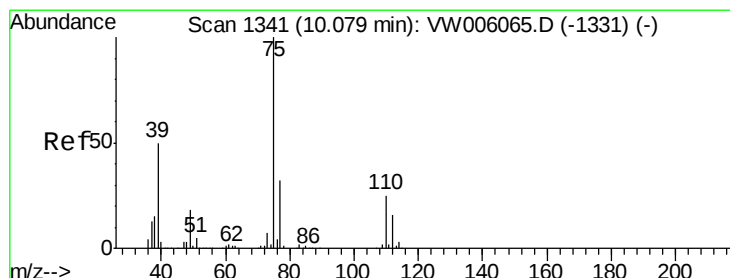
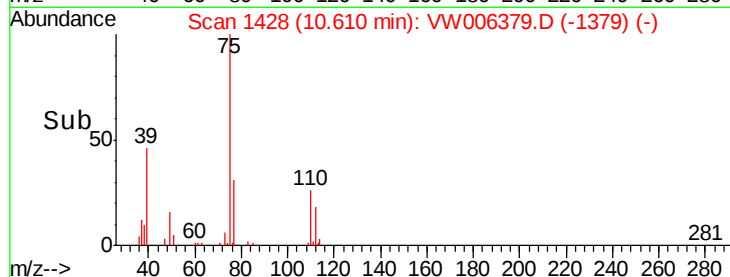
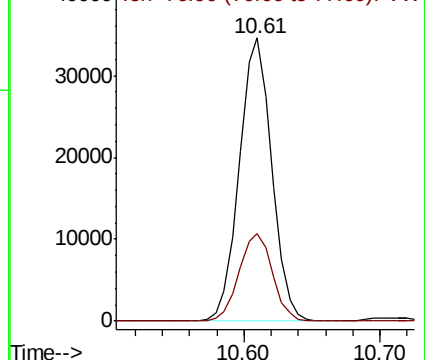
75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.555 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

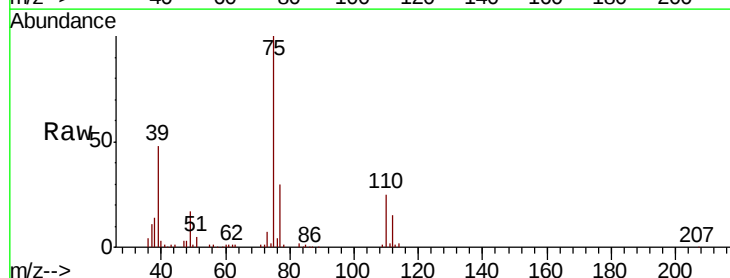
Tgt Ion: 75 Resp: 67019

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

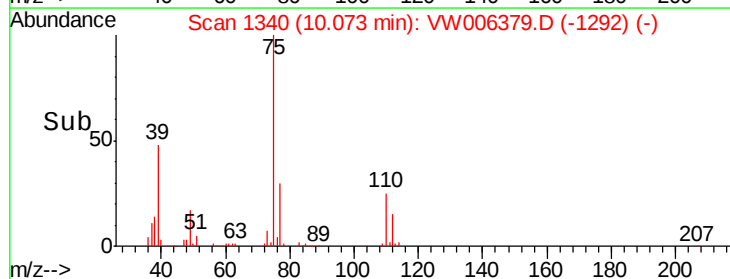
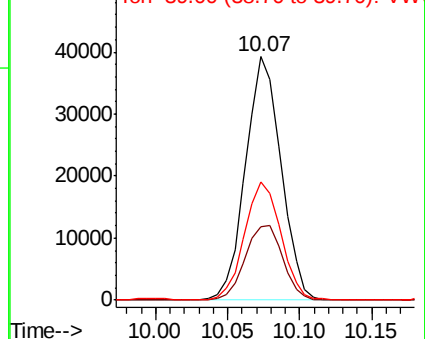
39 48.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

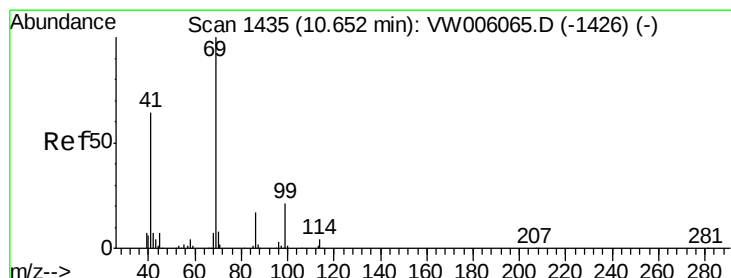
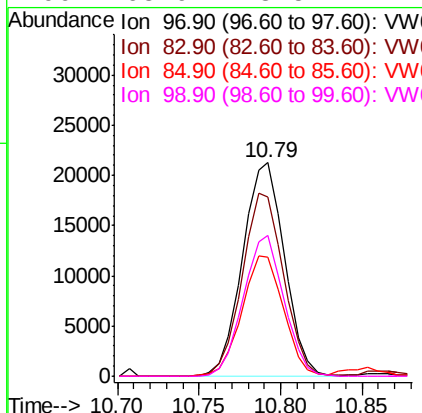
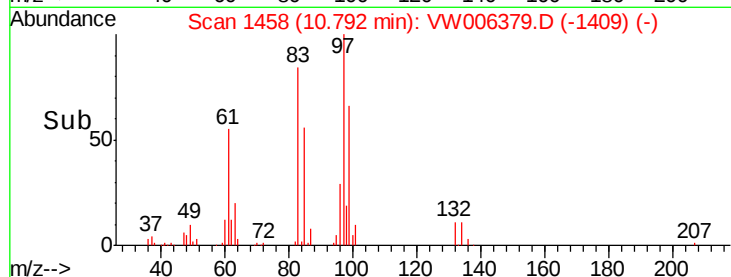
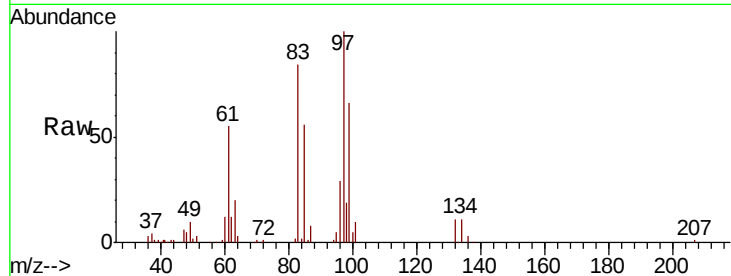




#55
 1,1,2-Trichloroethane
 Concen: 24.275 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

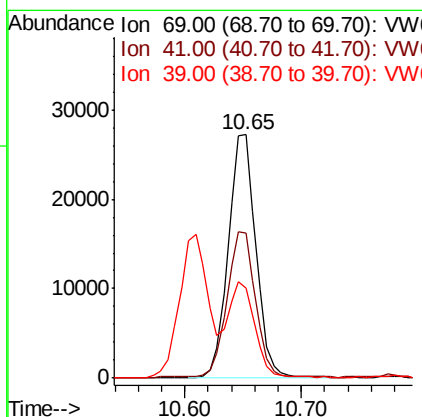
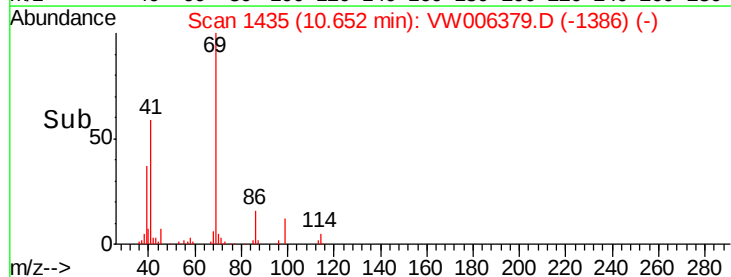
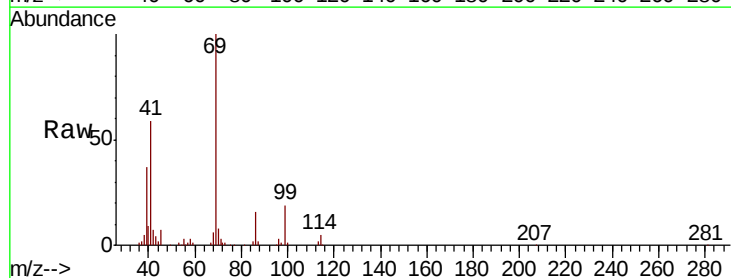
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

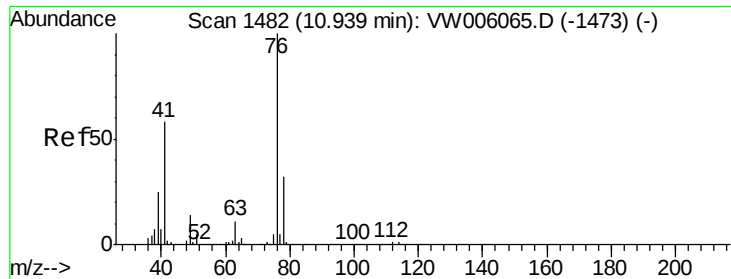
Tot Ion:	97	Resp:	38097
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	55.9	43.7	65.5
99	65.9	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 23.378 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion:	69	Resp:	44979
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.8	79.2
39	38.7	30.6	45.8

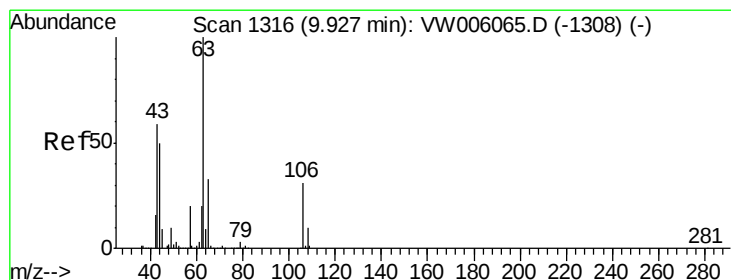
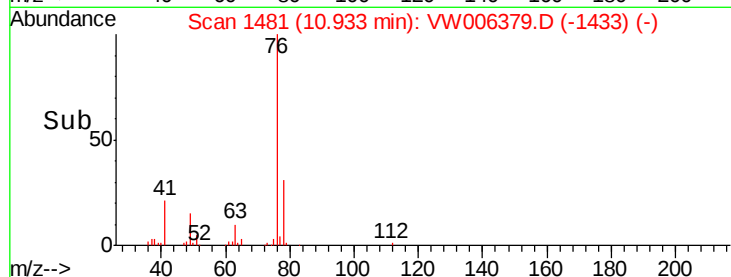
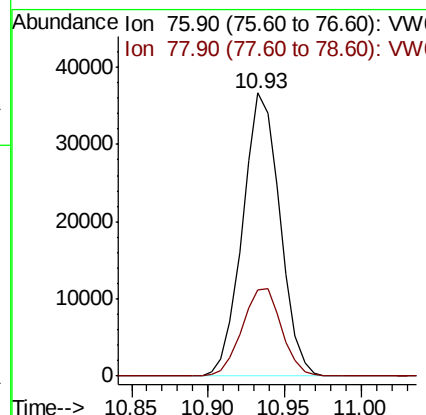
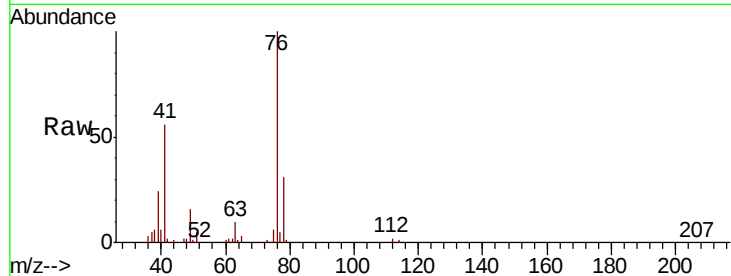




#57
 1,3-Dichloropropane
 Concen: 23.943 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

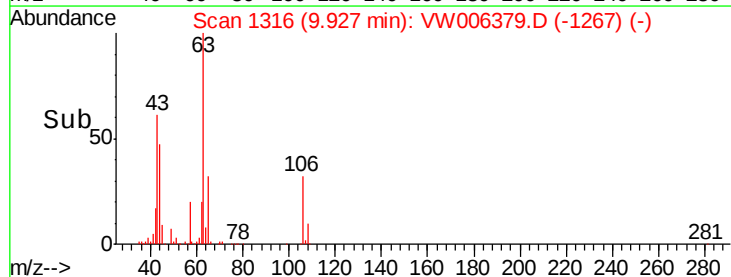
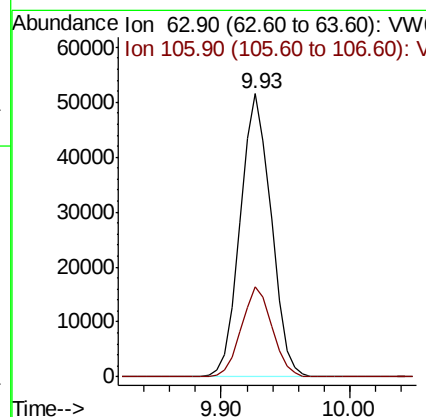
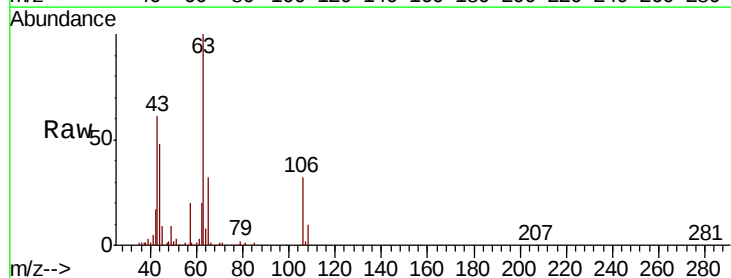
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

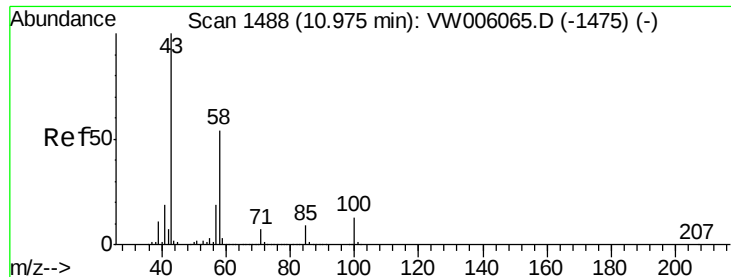
Tot Ion: 76 Resp: 62204
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.703 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 63 Resp: 85797
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.5 36.7

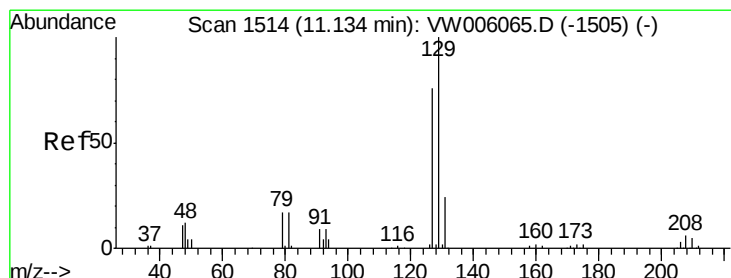
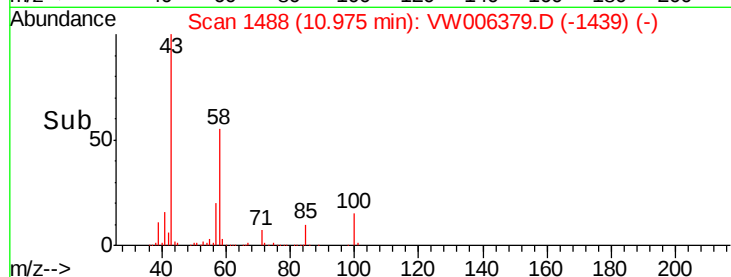
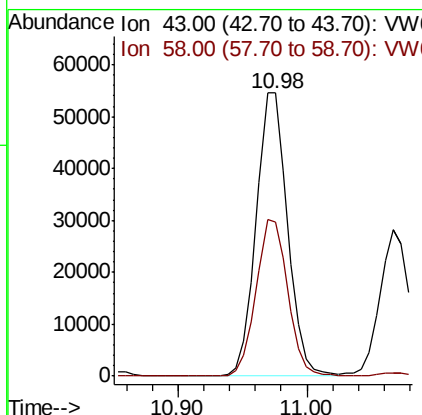
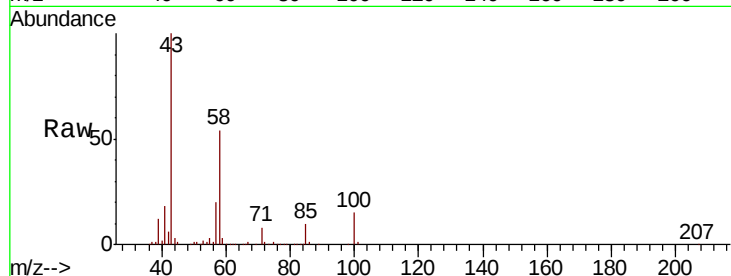




#59
2-Hexanone
Concen: 112.751 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

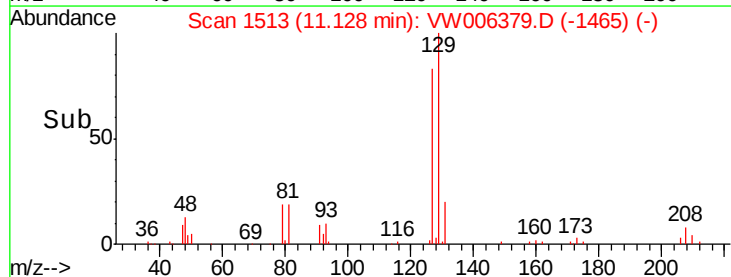
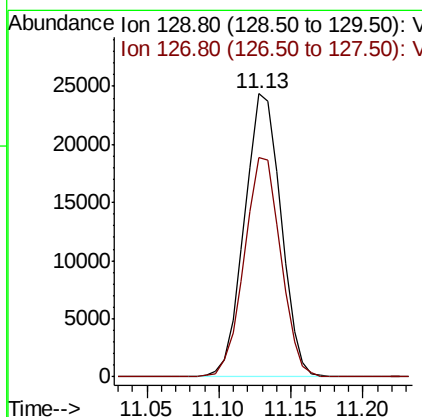
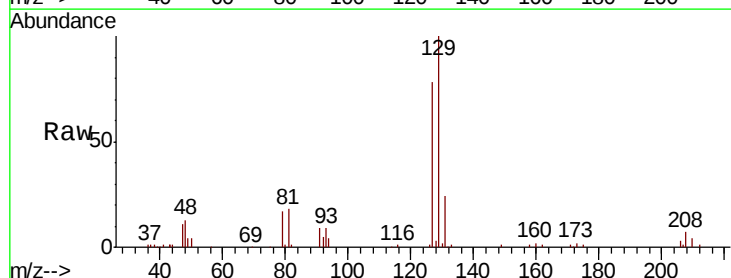
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

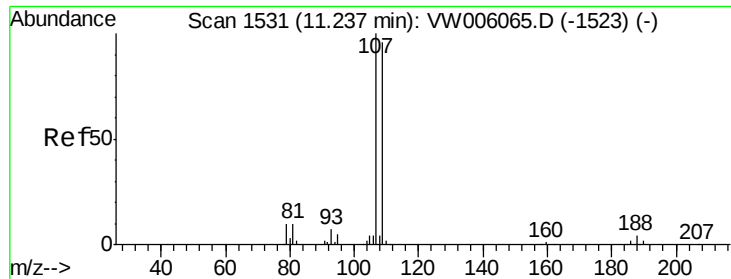
Tot Ion: 43 Resp: 91834
Ion Ratio Lower Upper
43 100
58 55.9 26.9 80.6



#60
Dibromochloromethane
Concen: 21.897 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 129 Resp: 42805
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

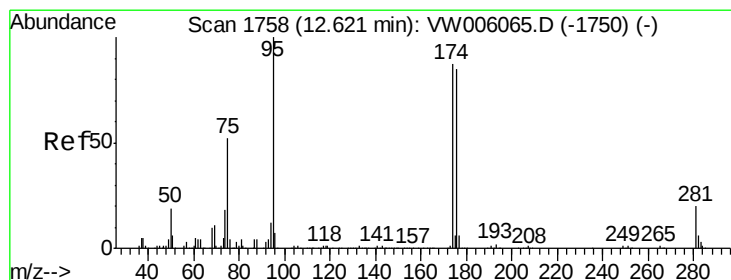
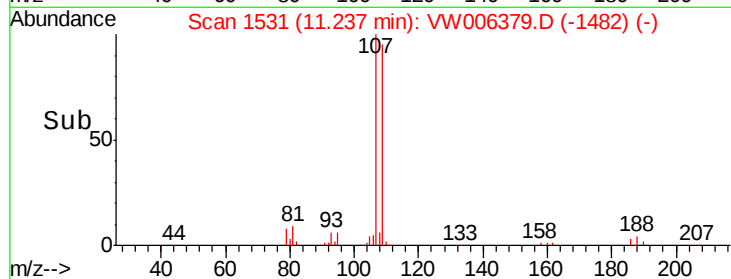
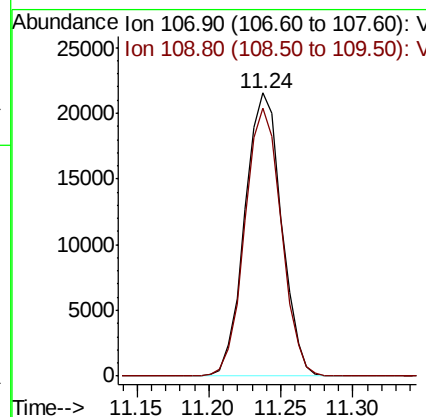
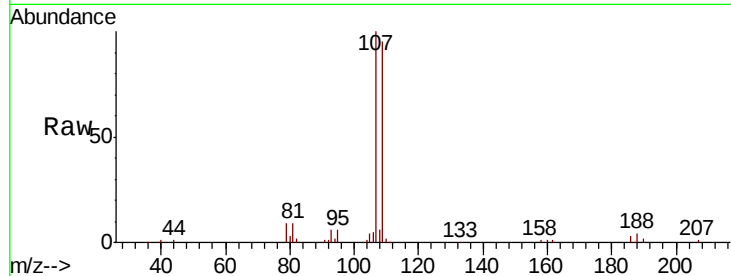




#61
 1,2-Dibromoethane
 Concen: 24.226 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

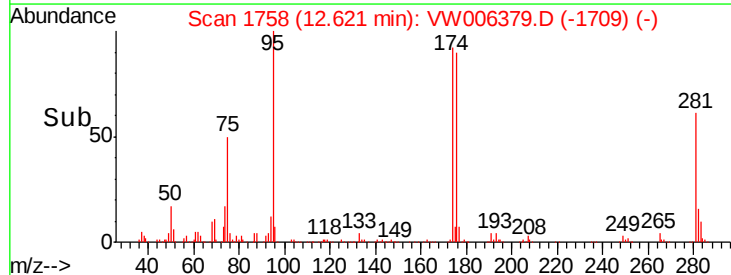
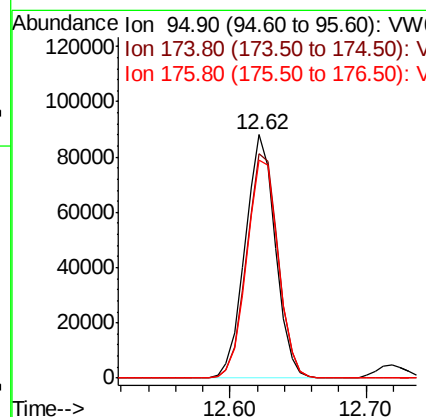
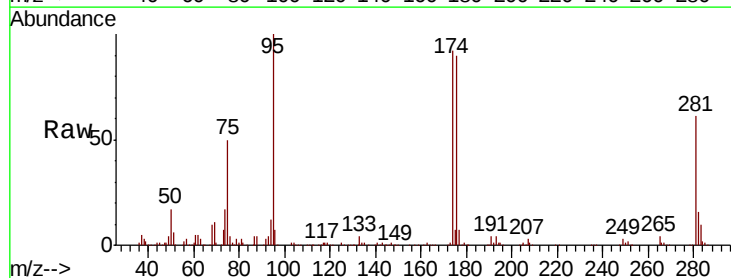
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

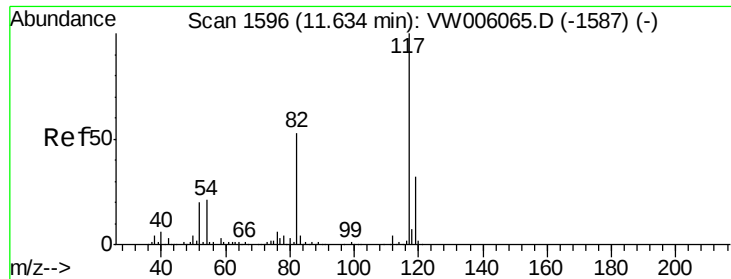
Tot Ion:107 Resp: 37989
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.905 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 95 Resp: 137045
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 186.0
 176 93.5 0.0 181.6

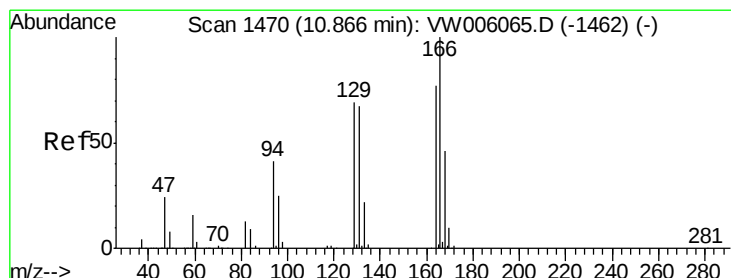
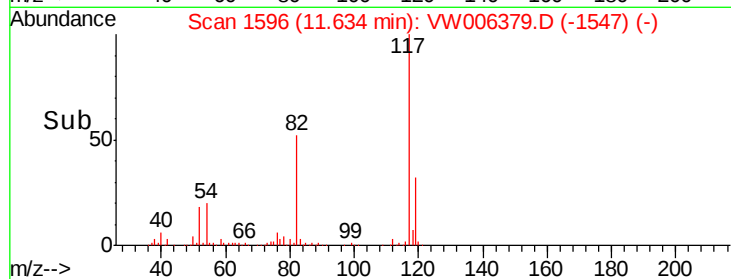
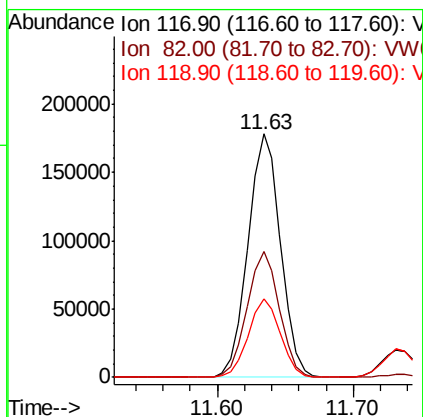
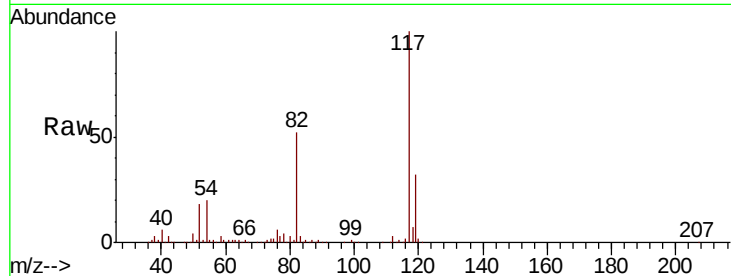




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

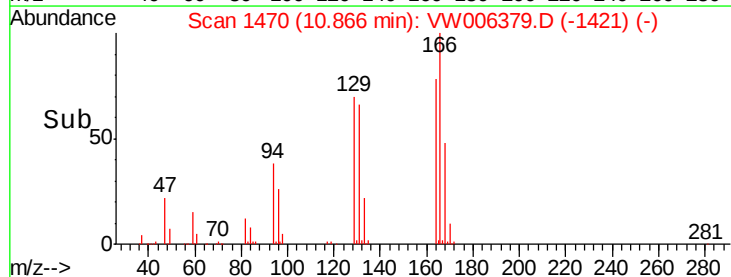
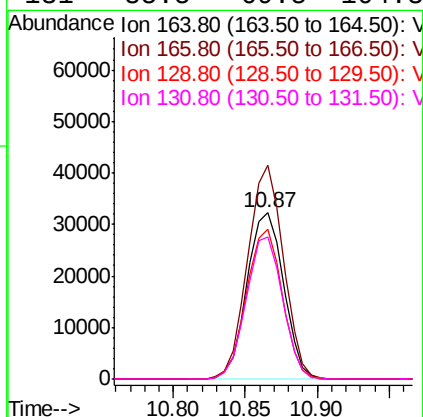
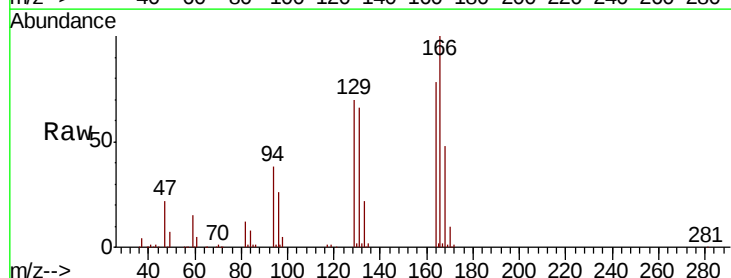
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

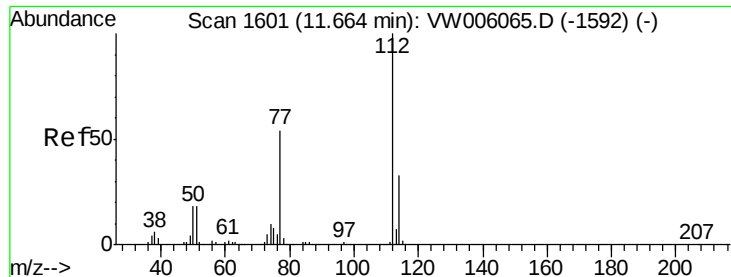
Tot Ion:117 Resp: 297716
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 24.520 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:164 Resp: 56670
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.0
129 90.7 71.8 107.8
131 85.5 69.5 104.3





#65

Chlorobenzene

Concen: 23.885 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

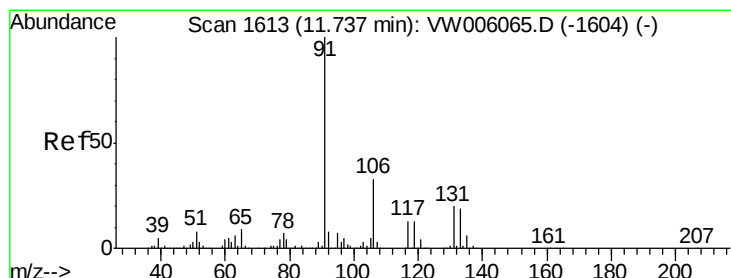
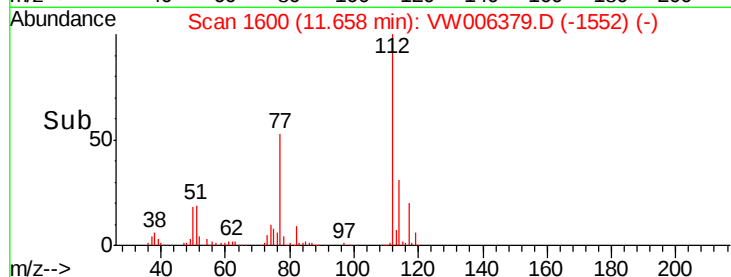
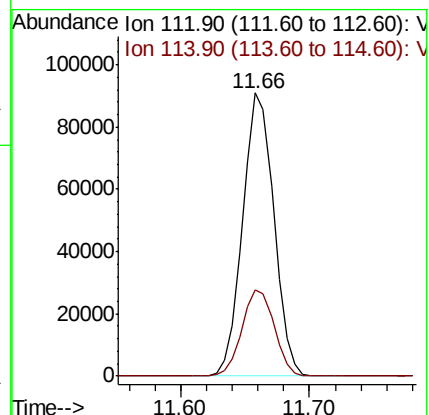
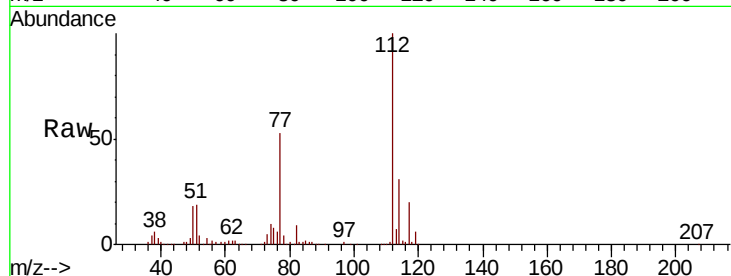
VW1027SBS01

Tot Ion:112 Resp: 152225

Ion Ratio Lower Upper

112 100

114 30.5 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 22.579 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

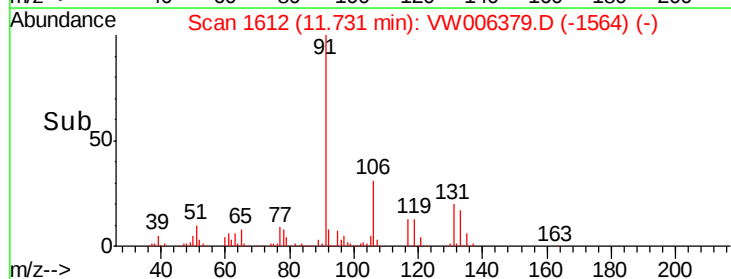
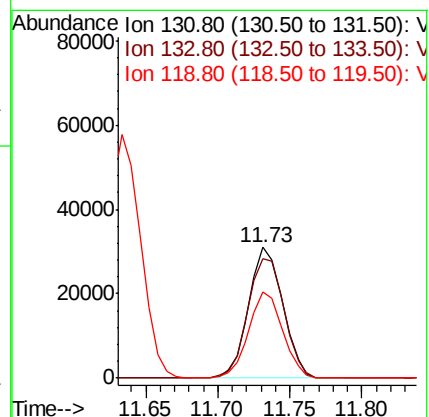
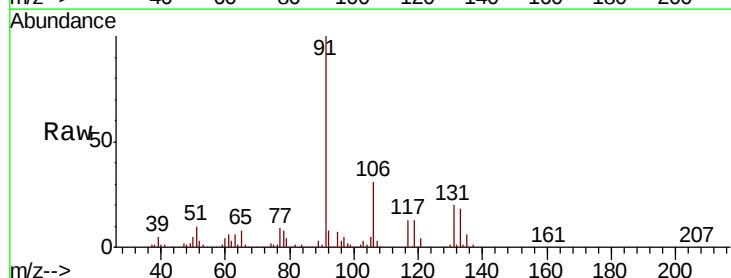
Tgt Ion:131 Resp: 51140

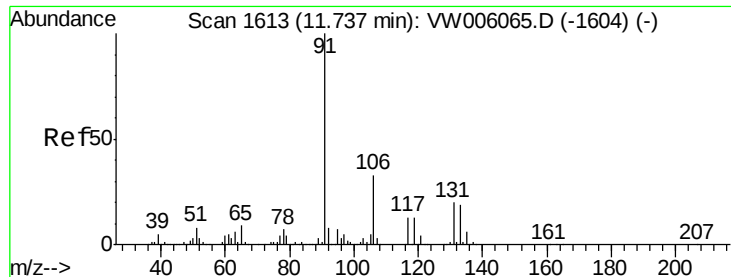
Ion Ratio Lower Upper

131 100

133 96.9 48.1 144.3

119 65.6 31.6 94.7

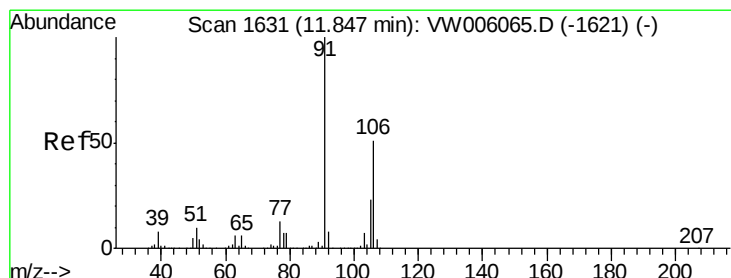
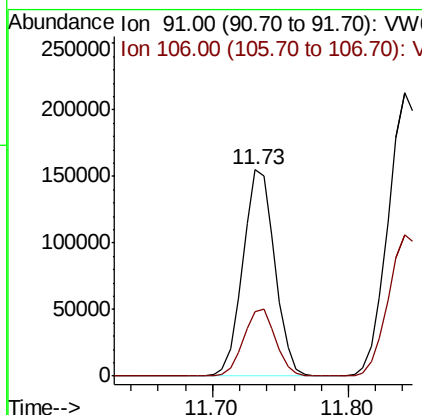
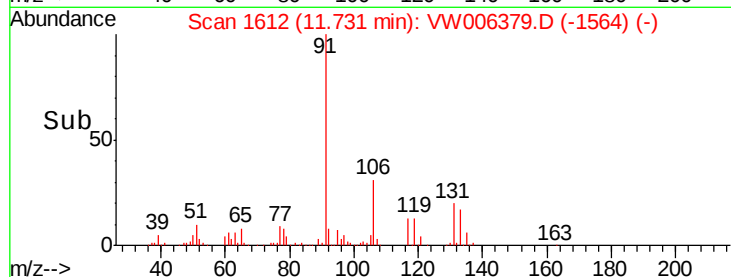
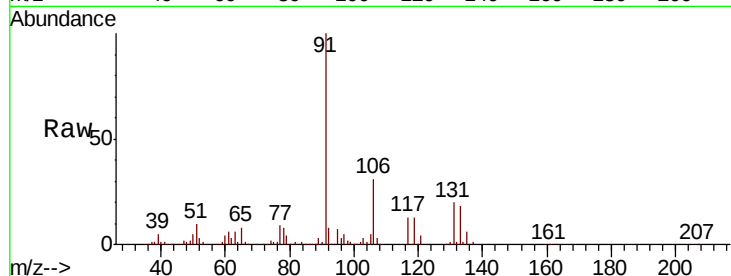




#67
Ethyl Benzene
Concen: 23.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

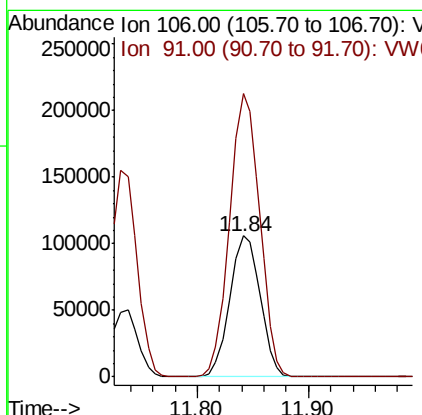
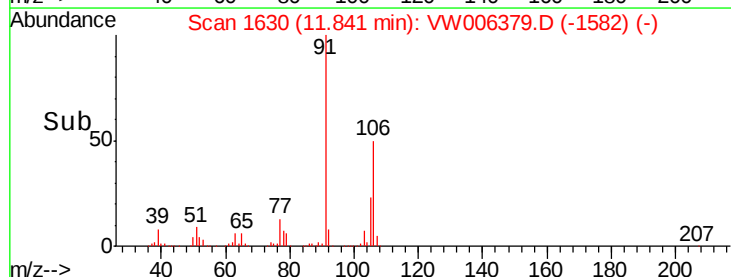
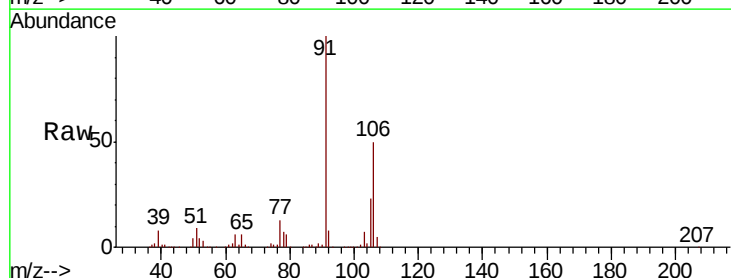
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

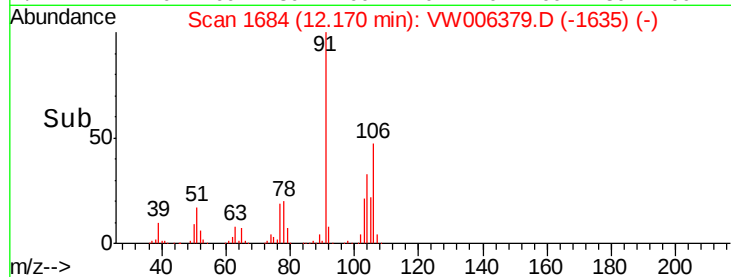
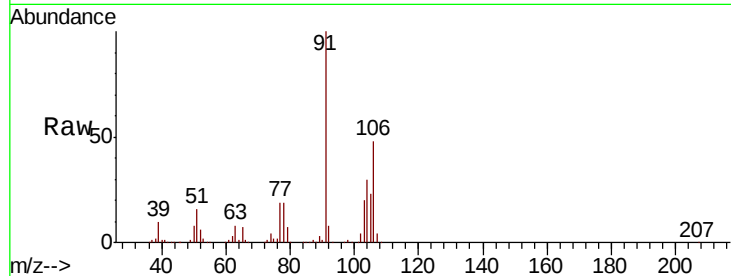
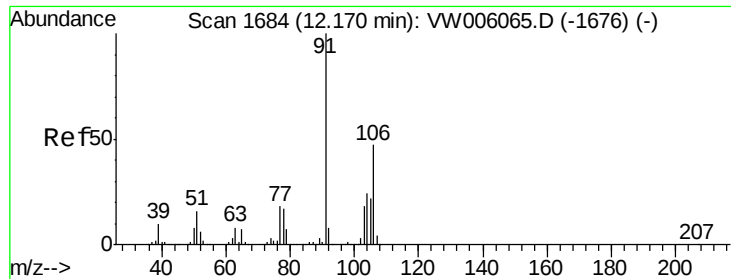
Tot Ion: 91 Resp: 254673
Ion Ratio Lower Upper
91 100
106 31.4 26.1 39.1



#68
m/p-Xylenes
Concen: 45.975 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 106 Resp: 200707
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7

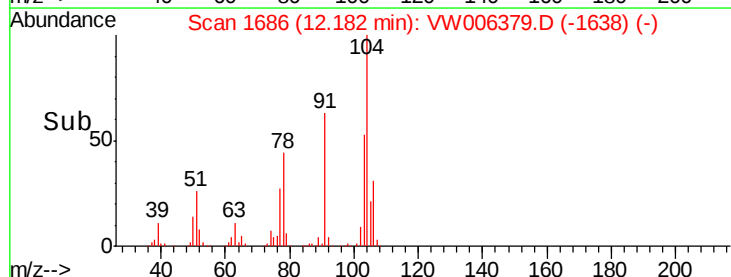
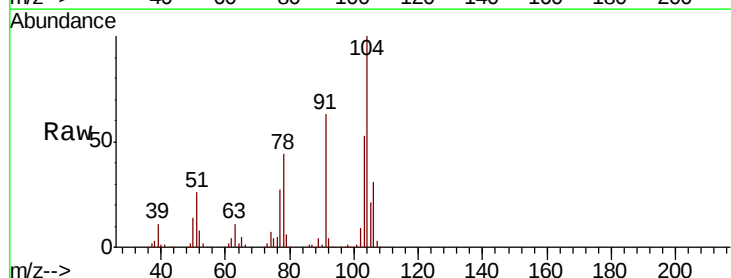
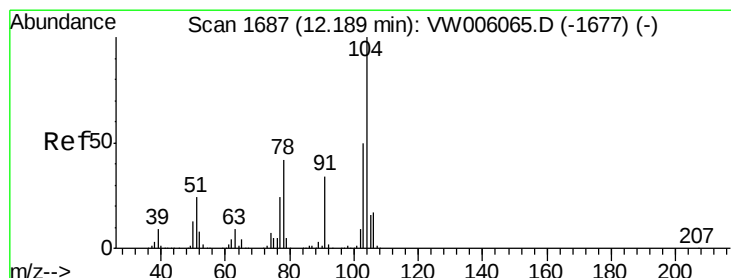
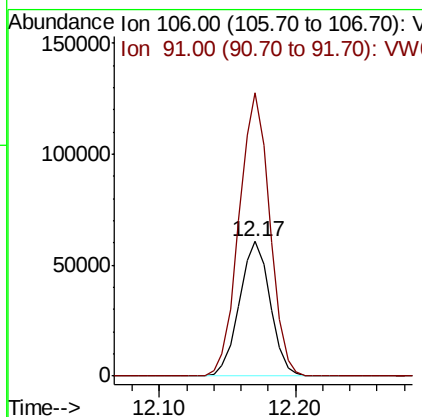




#69
o-Xylene
Concen: 23.058 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

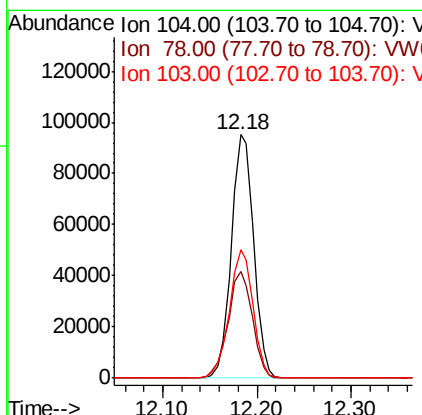
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

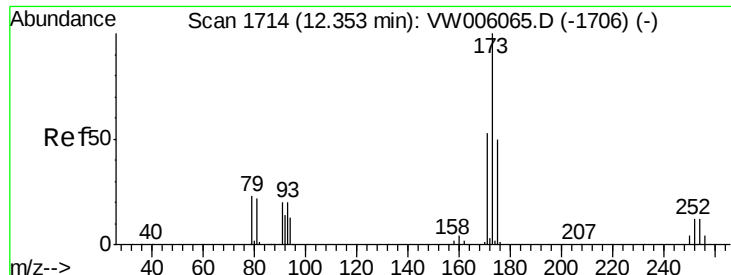
Tot Ion:106 Resp: 95933
Ion Ratio Lower Upper
106 100
91 209.4 105.4 316.1



#70
Styrene
Concen: 23.154 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:104 Resp: 156653
Ion Ratio Lower Upper
104 100
78 47.7 39.1 58.7
103 55.4 44.3 66.5

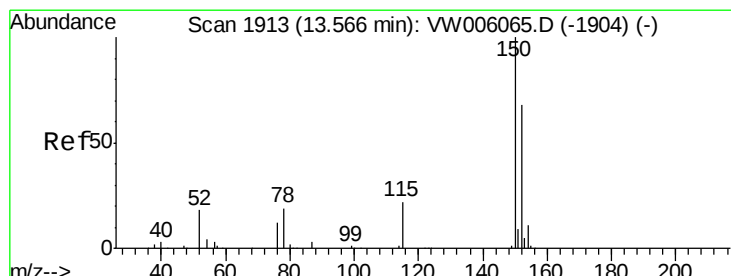
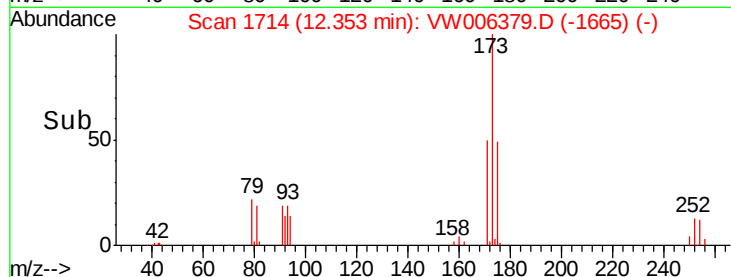
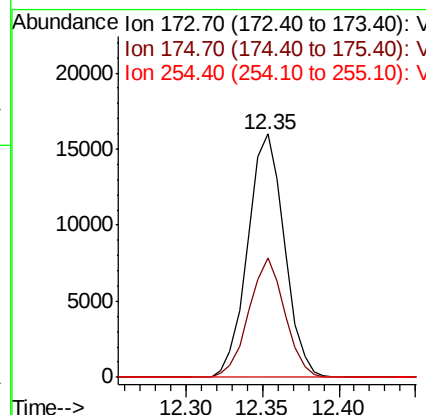
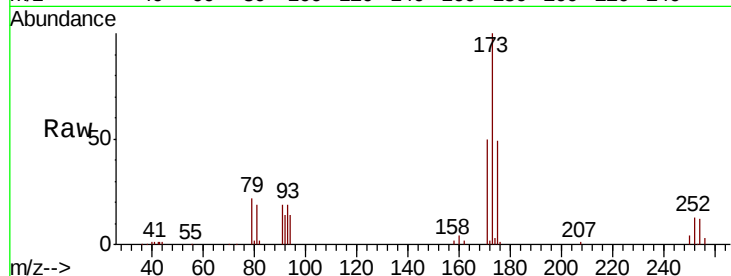




#71
Bromoform
Concen: 21.128 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

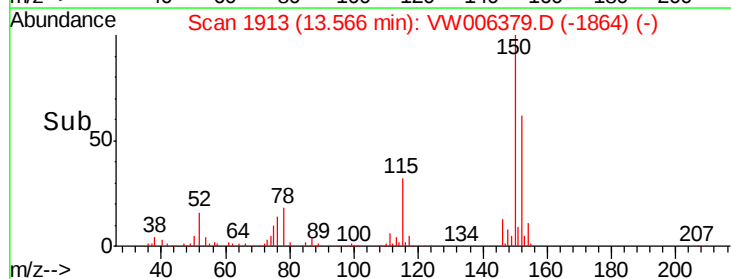
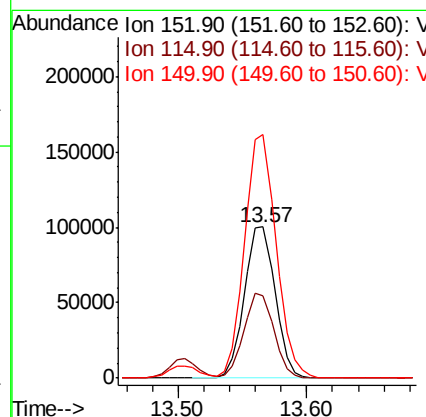
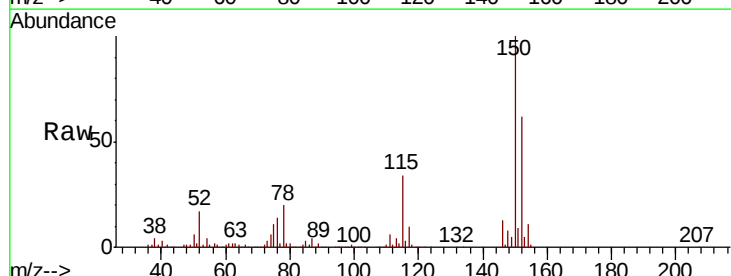
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

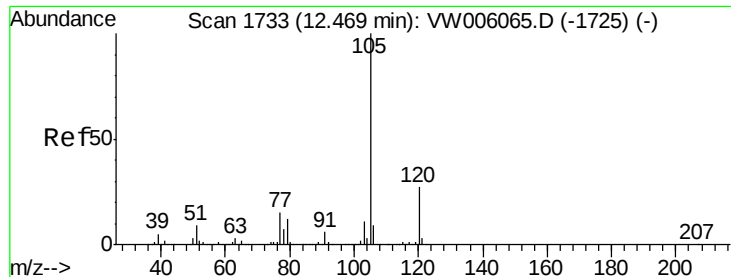
Tot Ion:173 Resp: 26691
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:152 Resp: 164979
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.3
150 165.8 0.0 349.2





#73

Isopropylbenzene

Concen: 22.984 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

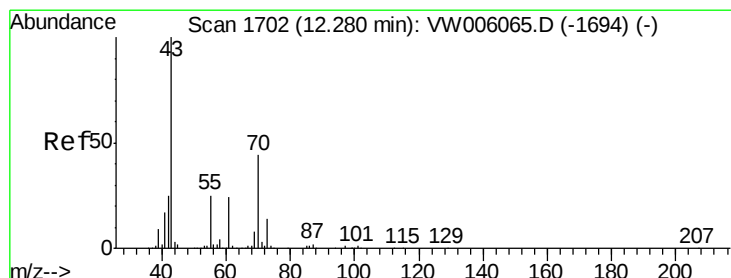
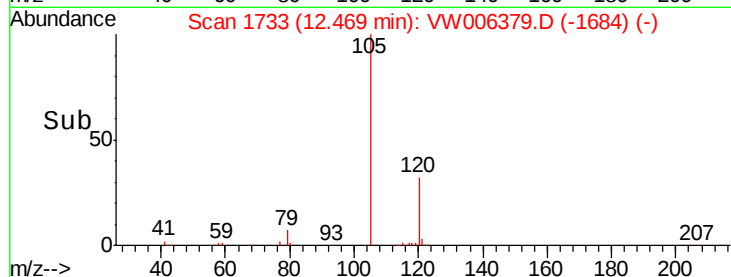
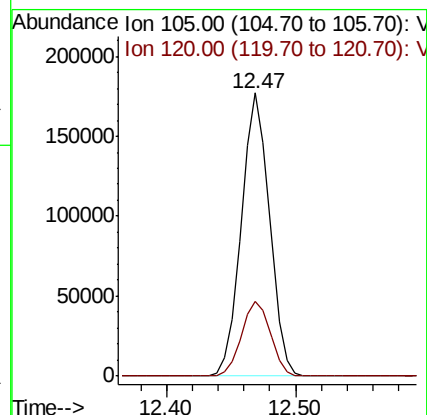
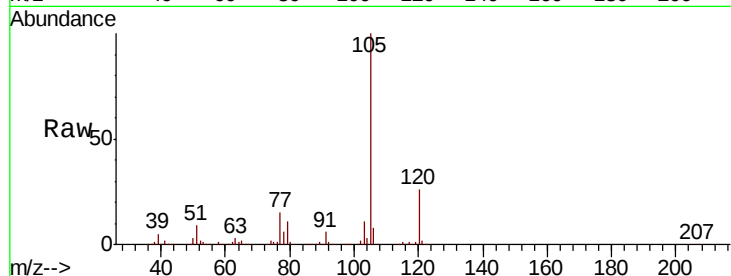
VW1027SBS01

Tot Ion:105 Resp: 267887

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 22.033 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion: 43 Resp: 49877

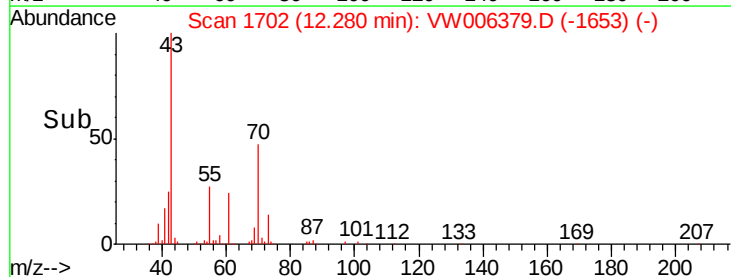
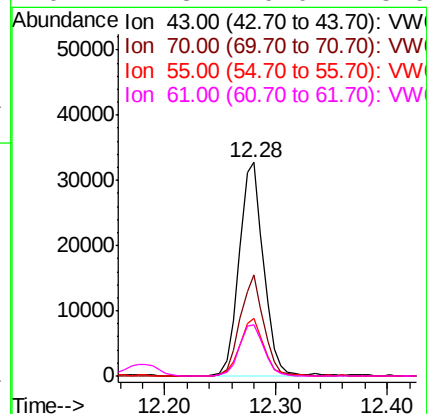
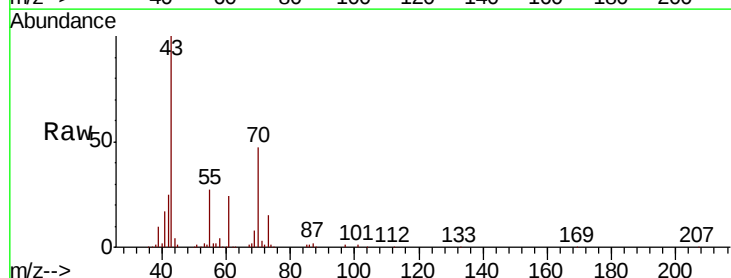
Ion Ratio Lower Upper

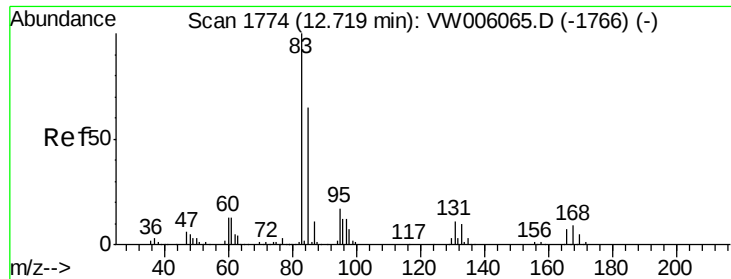
43 100

70 45.4 34.2 51.4

55 26.2 19.2 28.8

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 25.110 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

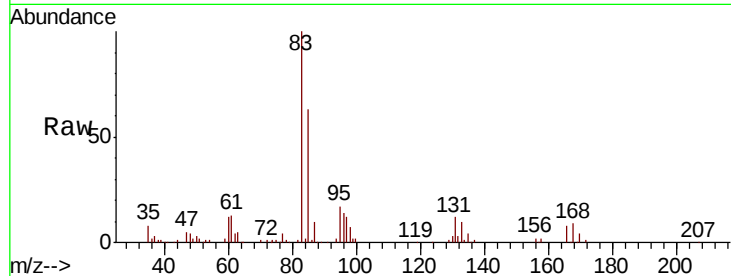
Tot Ion: 83 Resp: 44513

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.7

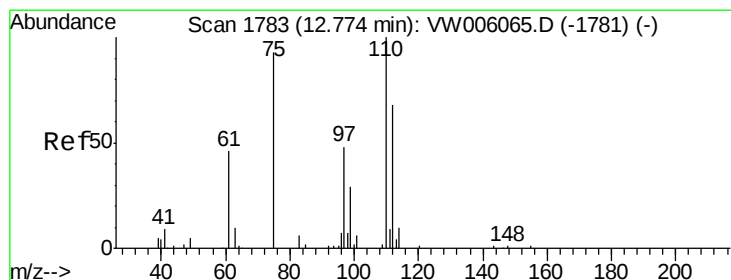
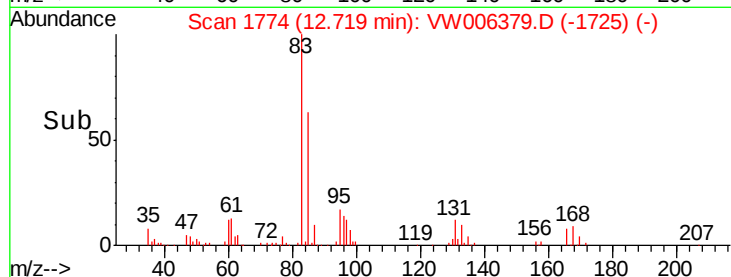
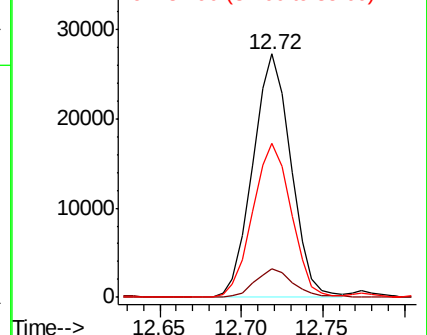
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.512 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006379.D

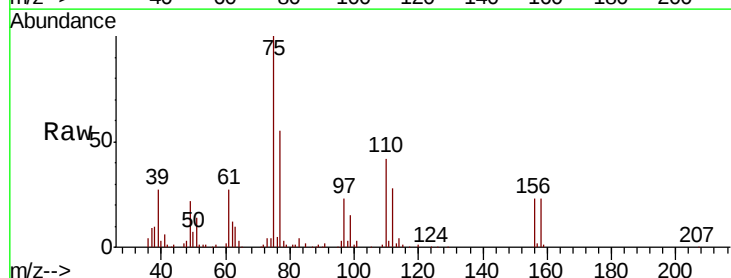
Acq: 26 Oct 2018 00:51

Tgt Ion: 75 Resp: 53570

Ion Ratio Lower Upper

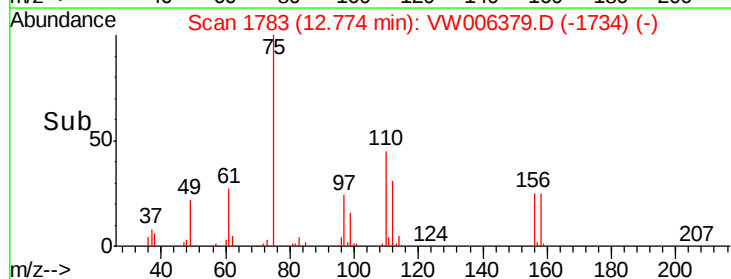
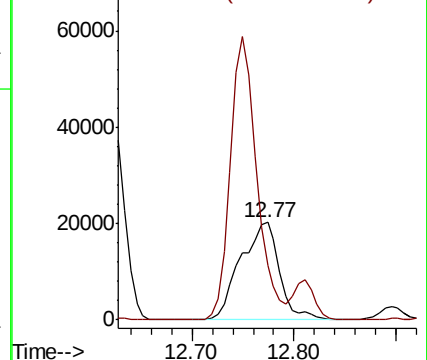
75 100

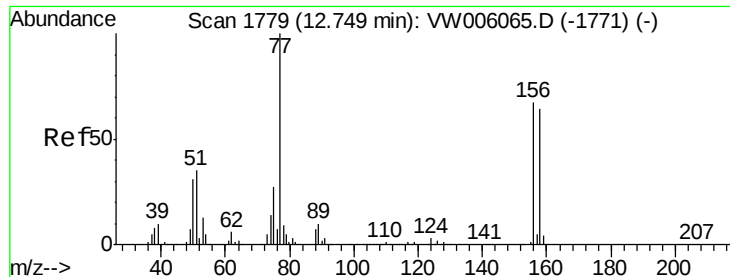
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 23.890 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

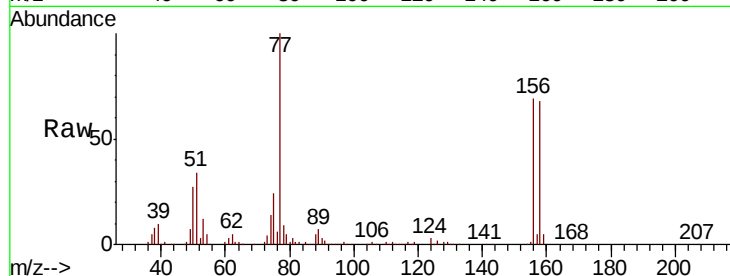
VW1027SBSD01

Tot Ion:156 Resp: 68200

Ion	Ratio	Lower	Upper
156	100		
77	155.7	79.1	237.4
158	97.0	48.5	145.6

77 155.7 79.1 237.4

158 97.0 48.5 145.6

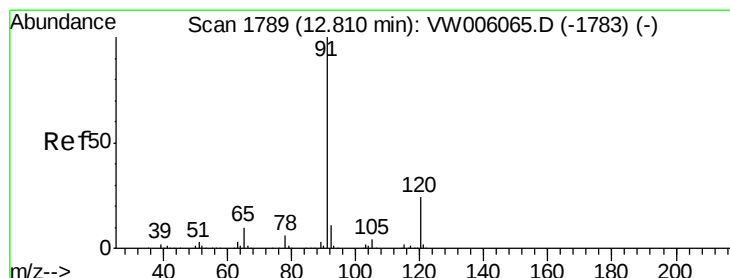
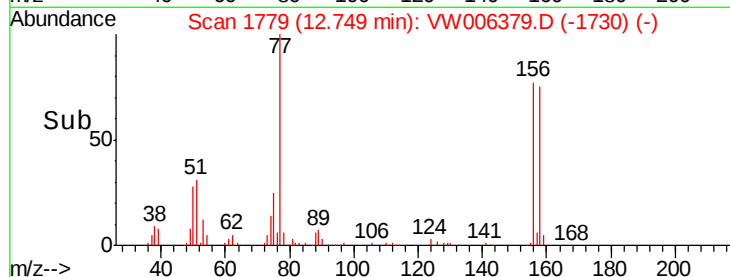
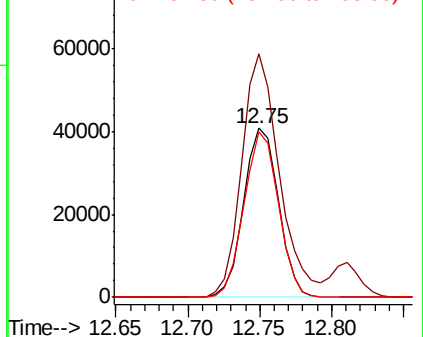


Abundance

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: 22.773 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006379.D

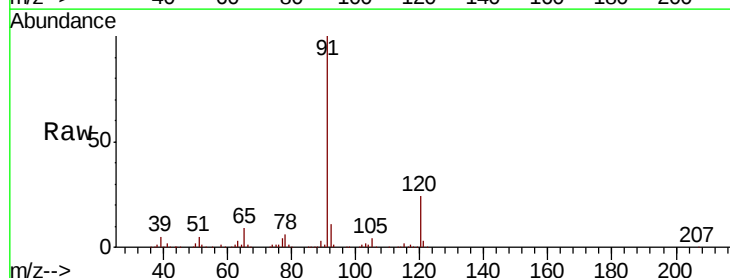
Acq: 26 Oct 2018 00:51

Tgt Ion: 91 Resp: 308806

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6

91 100

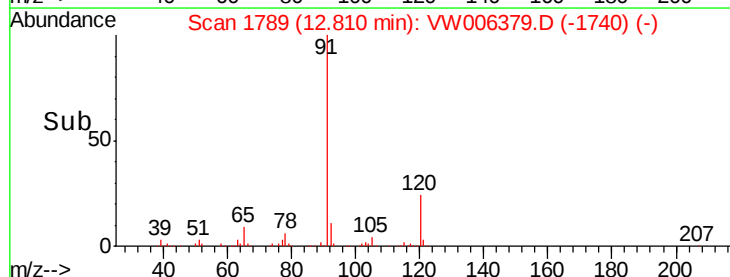
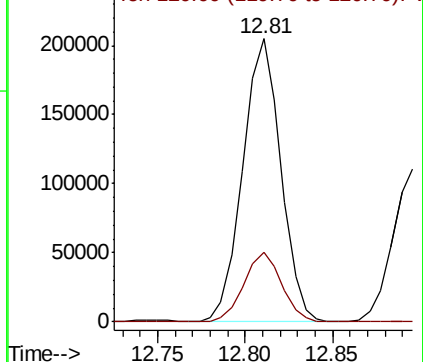
120 24.4 12.2 36.6

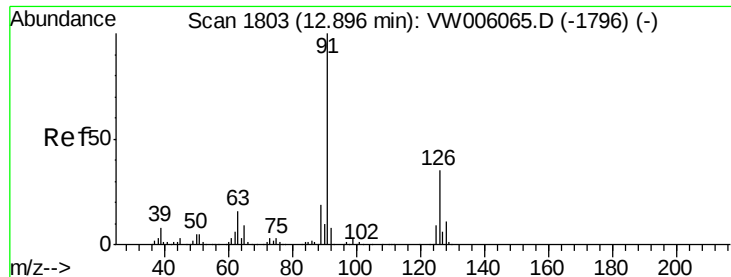


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

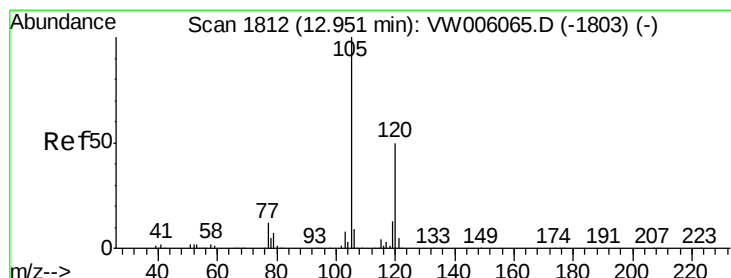
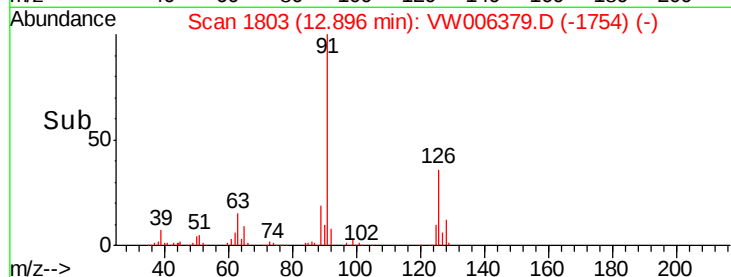
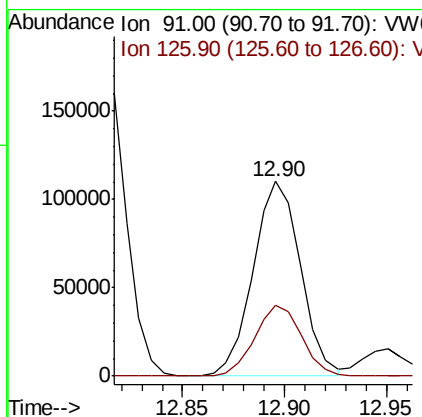
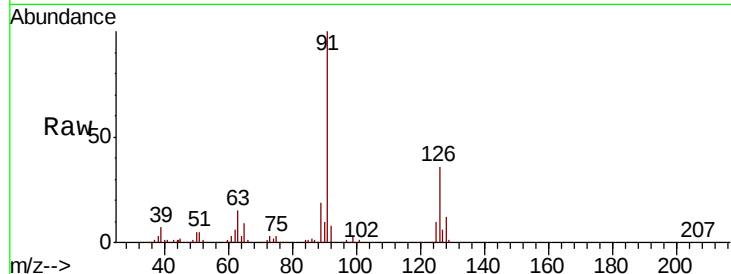




#79
 2-Chlorotoluene
 Concen: 23.381 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

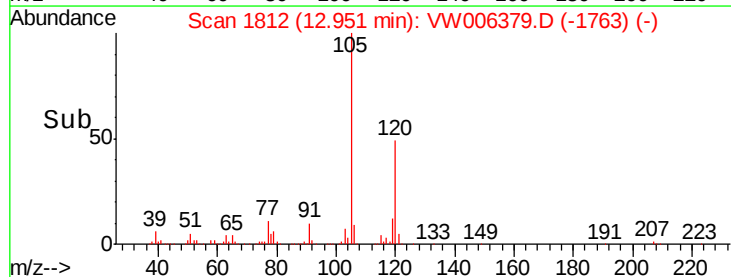
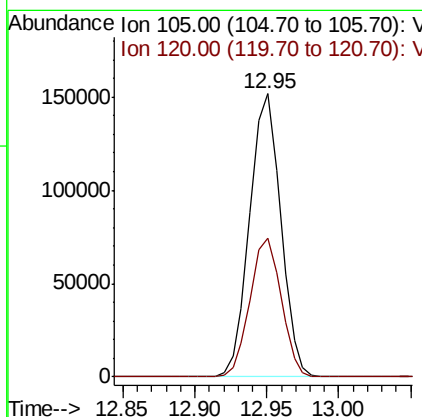
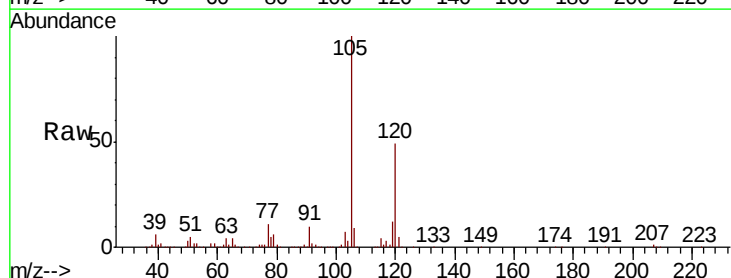
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tot Ion: 91 Resp: 178131
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 23.052 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion:105 Resp: 226498
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.338 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

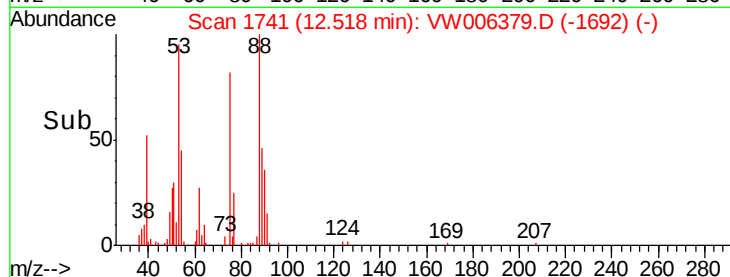
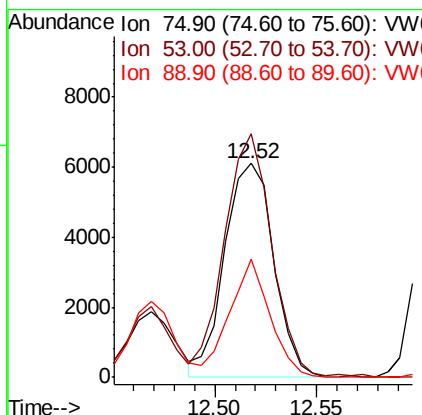
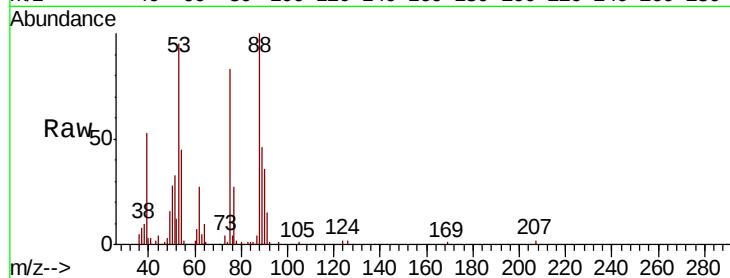
Tot Ion: 75 Resp: 10194

Ion Ratio Lower Upper

75 100

53 110.6 79.8 119.6

89 45.1 37.5 56.3



#82

4-Chlorotoluene

Concen: 23.444 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006379.D

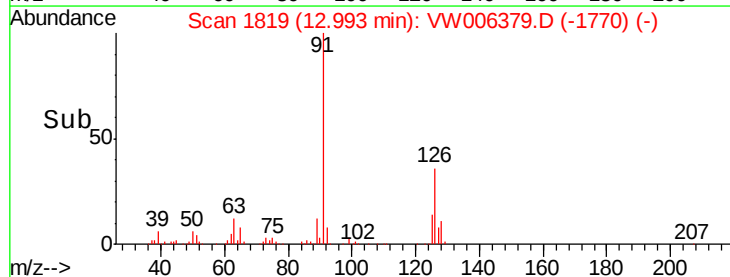
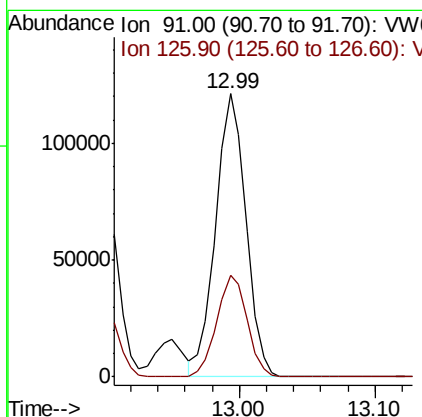
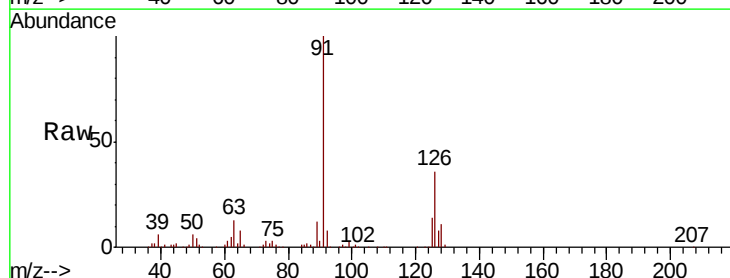
Acq: 26 Oct 2018 00:51

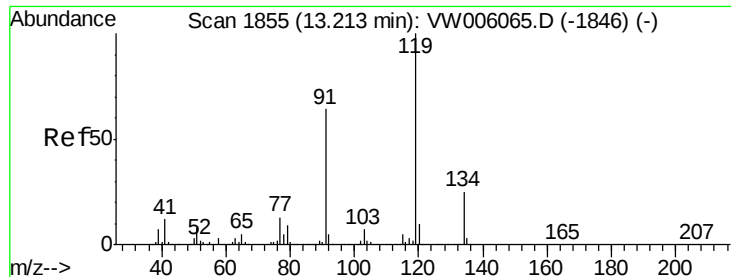
Tgt Ion: 91 Resp: 187103

Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.3

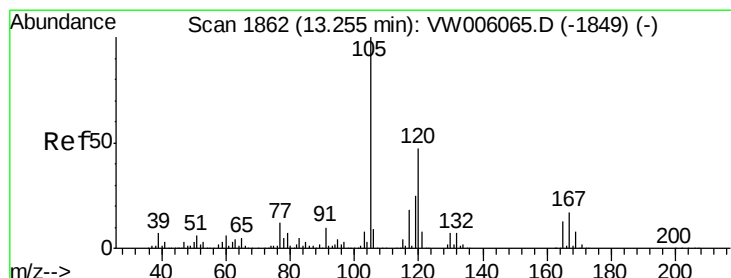
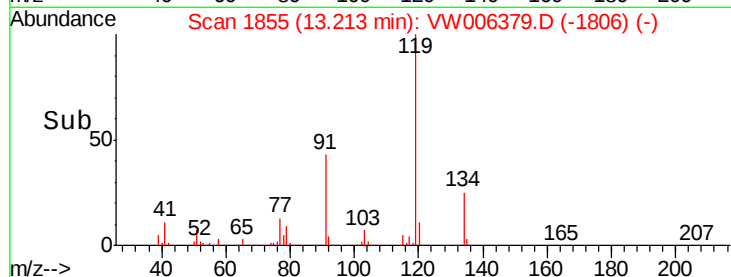
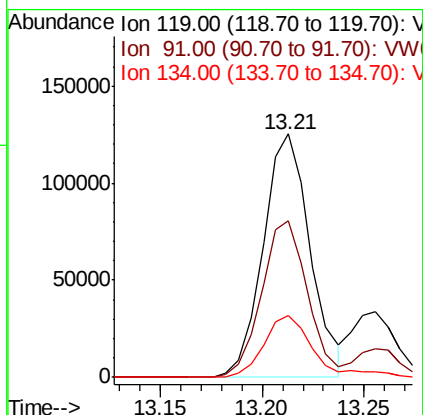
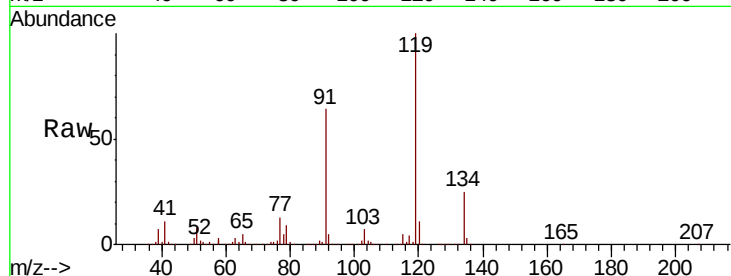




#83
tert-Butylbenzene
Concen: 22.824 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

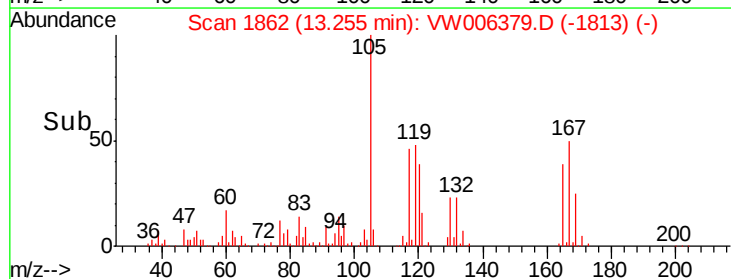
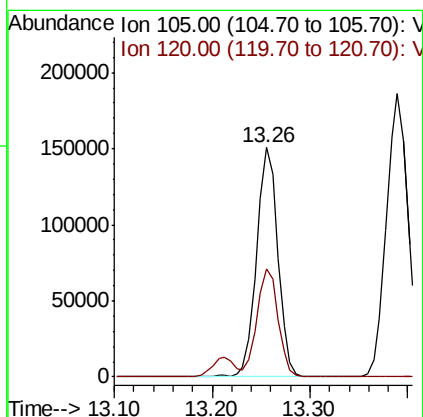
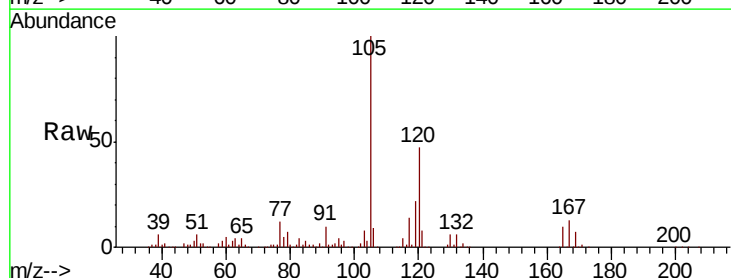
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

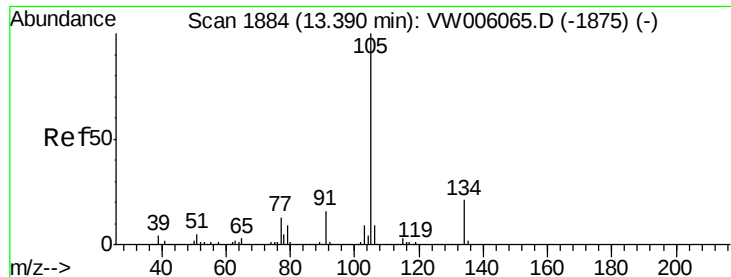
Tot Ion:119 Resp: 200647
Ion Ratio Lower Upper
119 100
91 62.8 32.3 96.9
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 23.038 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:105 Resp: 229058
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 23.004 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

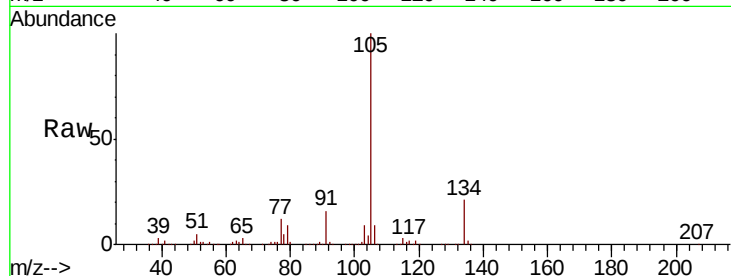
VW1027SBSD01

Tot Ion:105 Resp: 285694

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

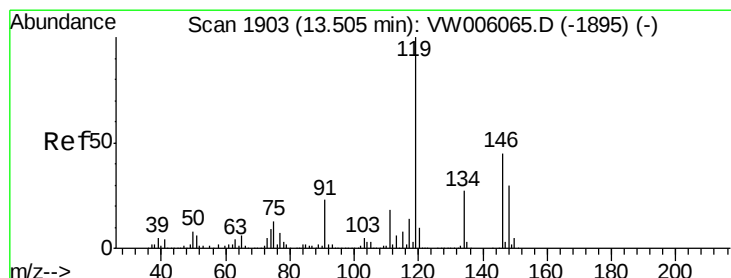
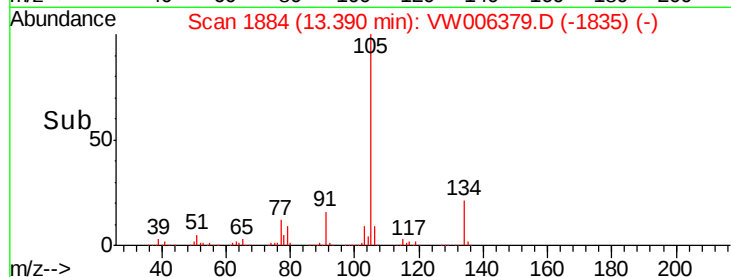
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.848 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

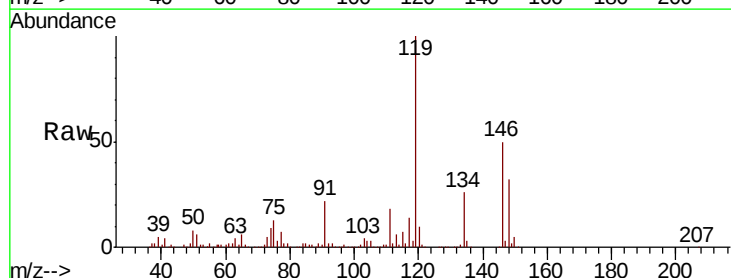
Tgt Ion:119 Resp: 256659

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

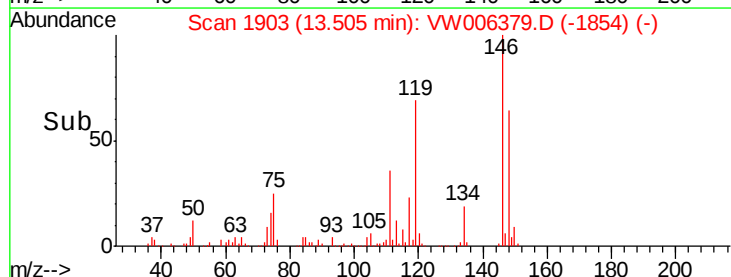
150000

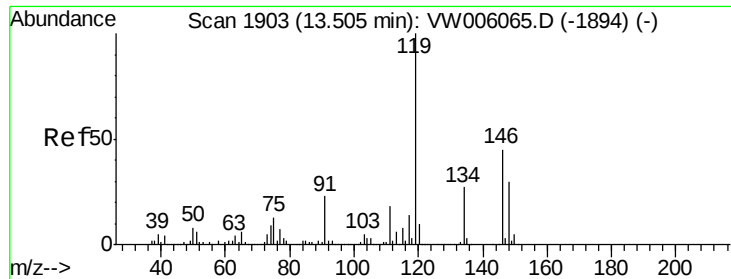
100000

50000

0

Time-->

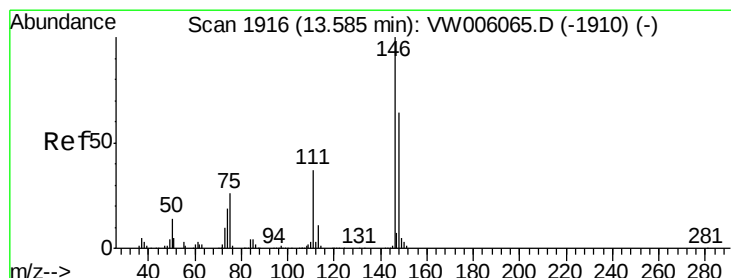
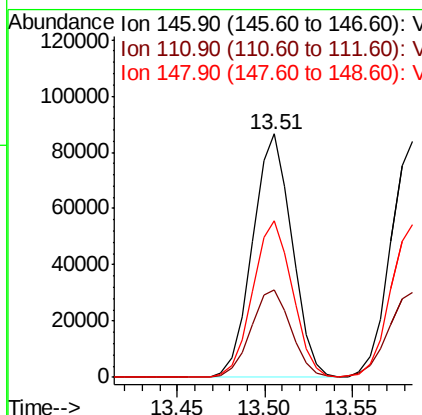
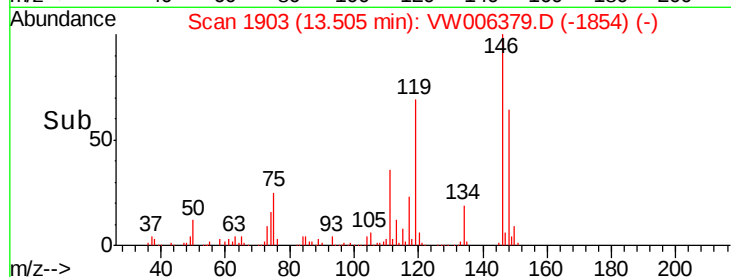
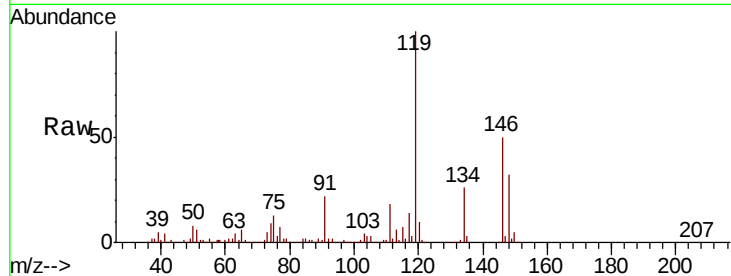




#87
 1,3-Dichlorobenzene
 Concen: 23.867 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

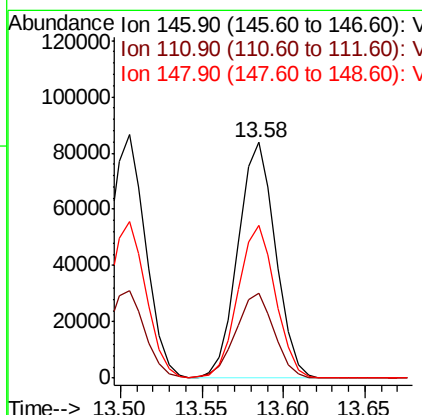
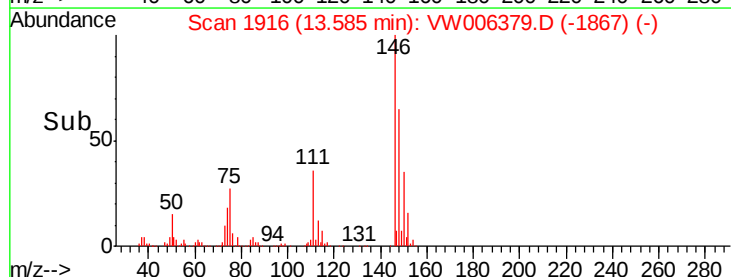
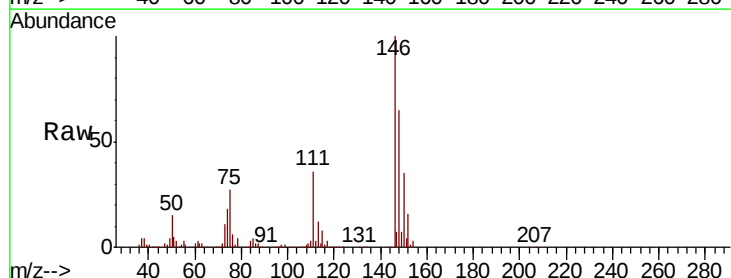
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tot Ion:146 Resp: 135599
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.1 57.5
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 23.730 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion:146 Resp: 134235
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 56.0
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 22.519 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

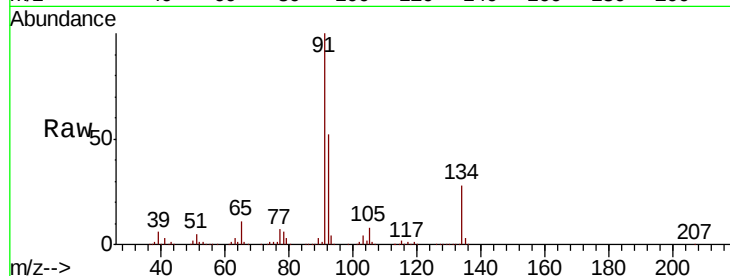
Tot Ion: 91 Resp: 231342

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 28.5 14.0 41.9

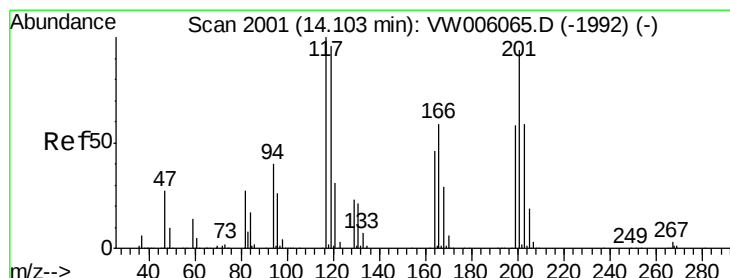
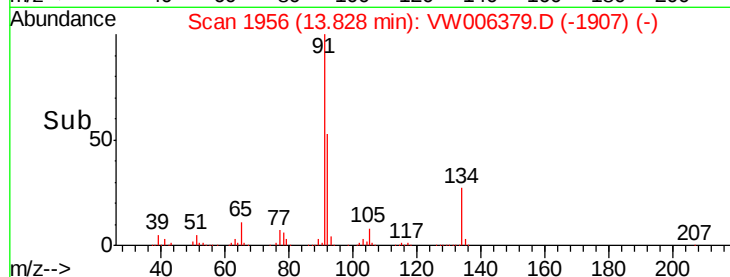
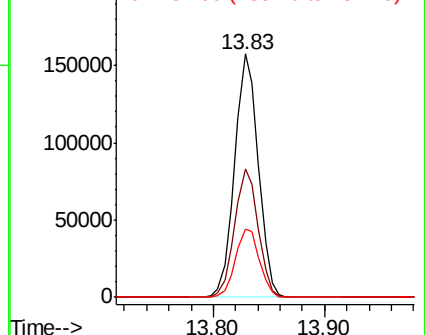


Abundance

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: 20.441 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006379.D

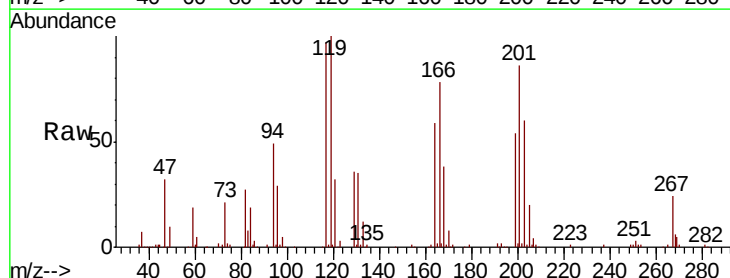
Acq: 26 Oct 2018 00:51

Tgt Ion: 117 Resp: 38895

Ion Ratio Lower Upper

117 100

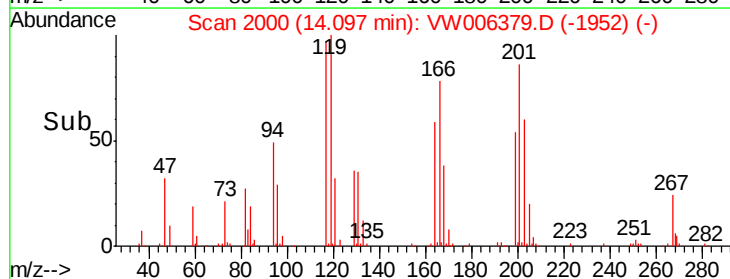
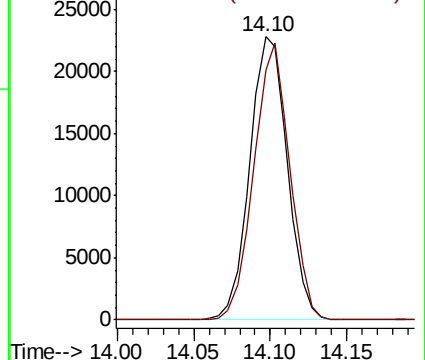
201 93.8 45.3 135.9

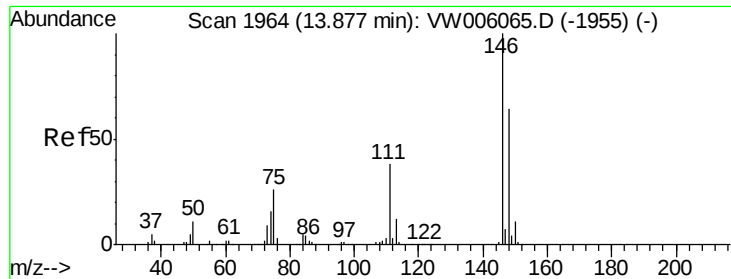


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 24.217 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

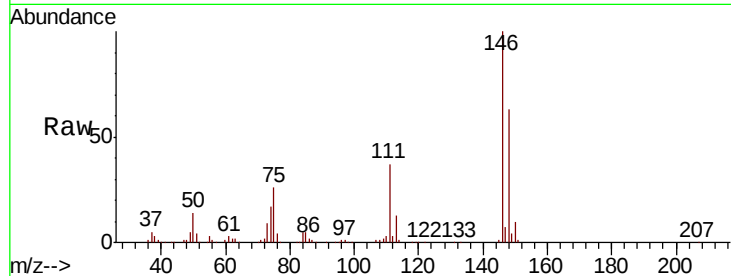
Tot Ion:146 Resp: 122725

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

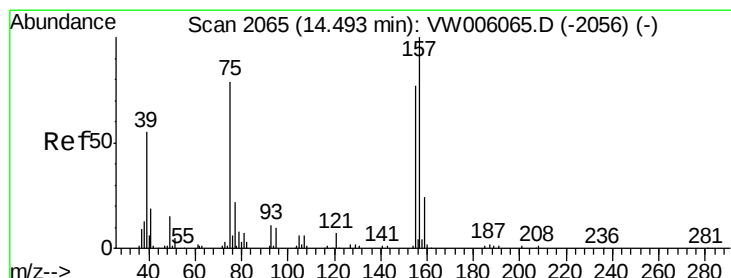
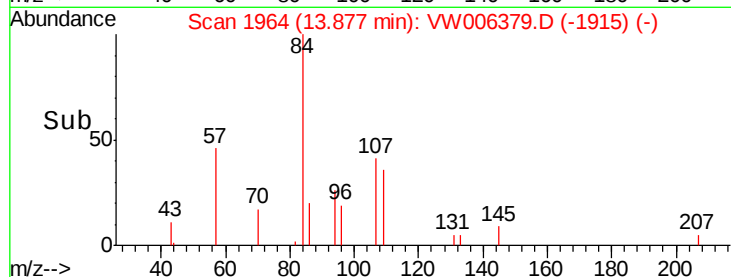
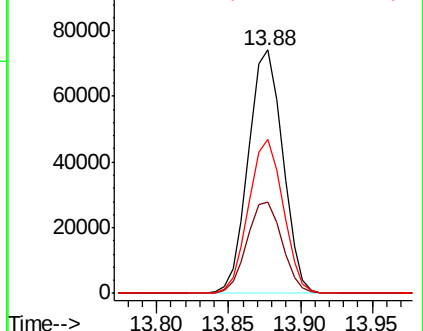
148 63.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.434 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

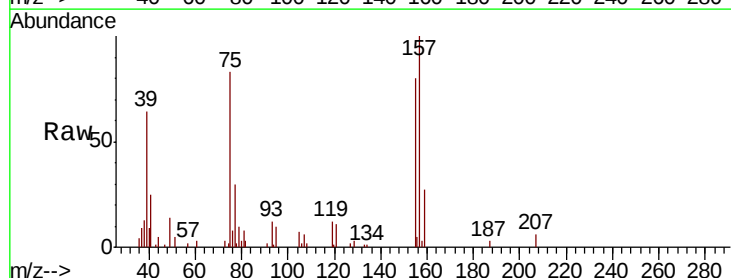
Tgt Ion: 75 Resp: 6803

Ion Ratio Lower Upper

75 100

155 95.7 46.5 139.5

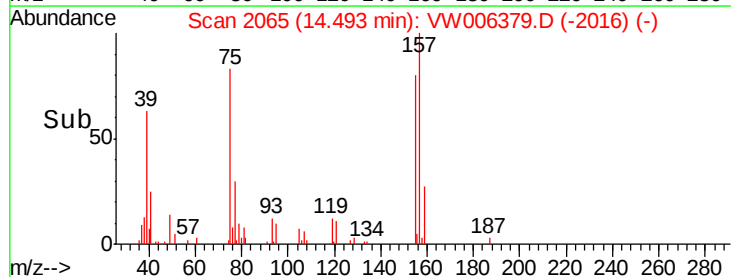
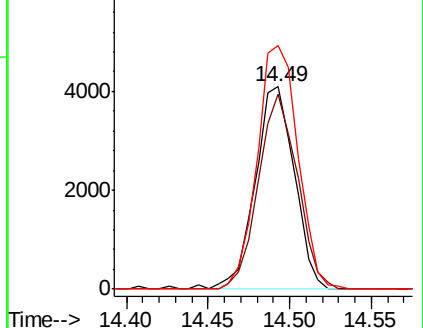
157 125.4 59.8 179.4

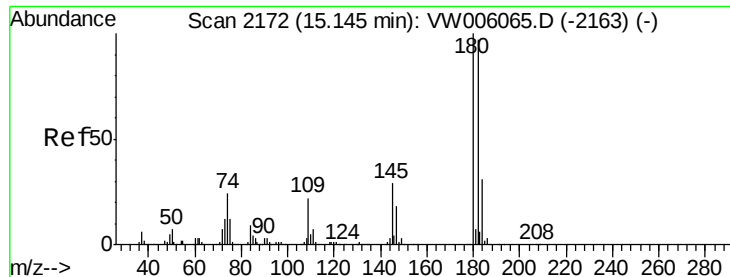


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

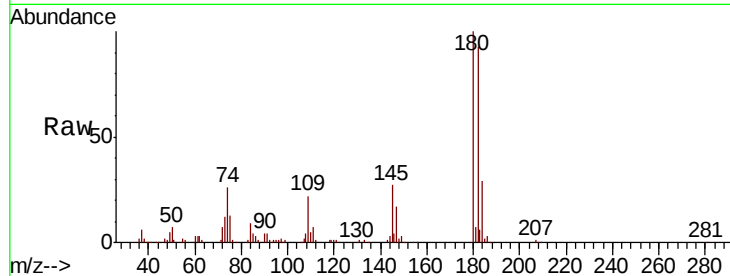




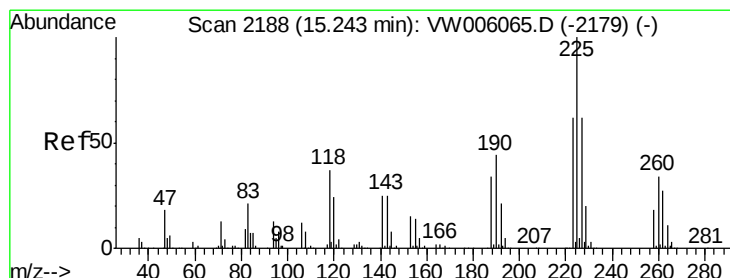
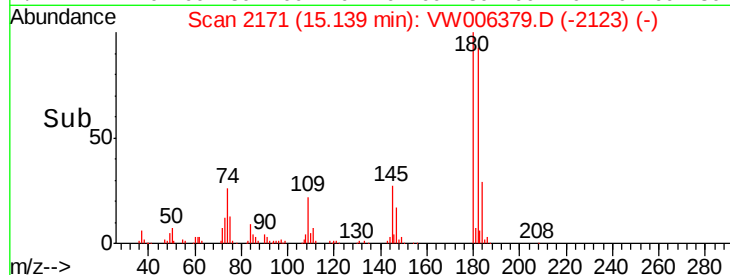
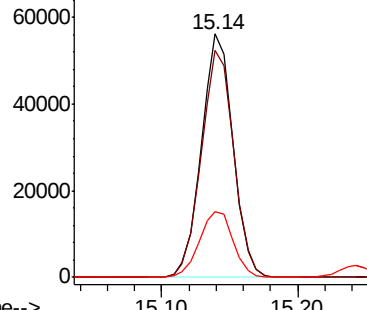
#93
 1,2,4-Trichlorobenzene
 Concen: 23.333 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tot Ion:180 Resp: 90983
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.6
 145 28.9 14.2 42.8

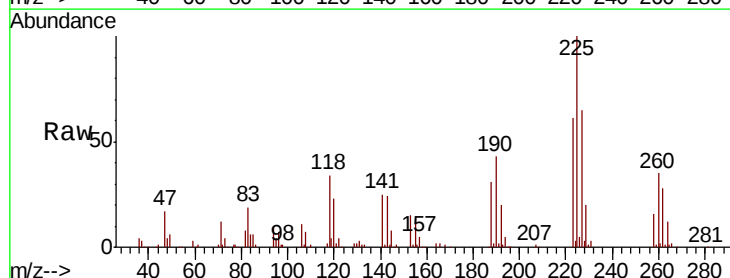


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

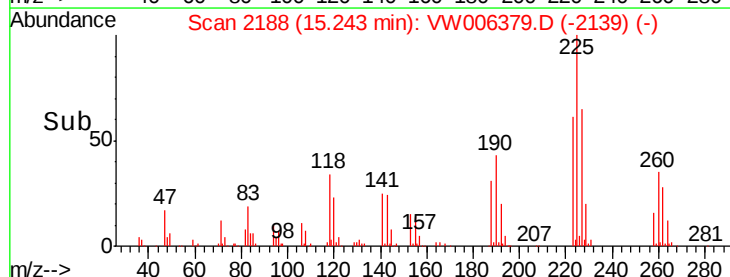
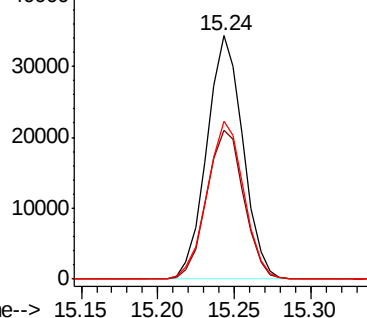


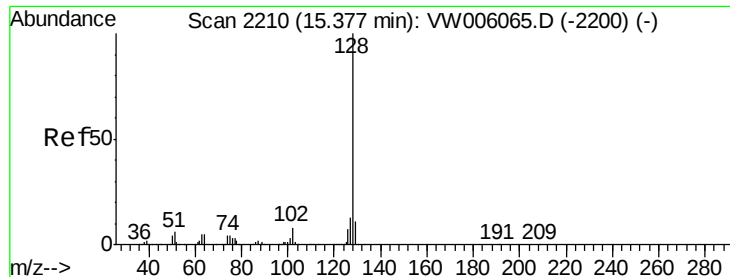
#94
 Hexachlorobutadiene
 Concen: 23.032 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion:225 Resp: 56418
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.5
 227 65.7 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

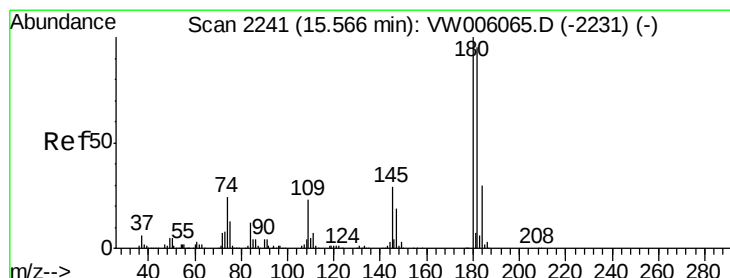
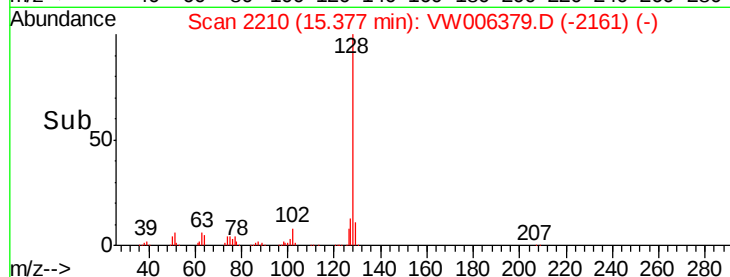
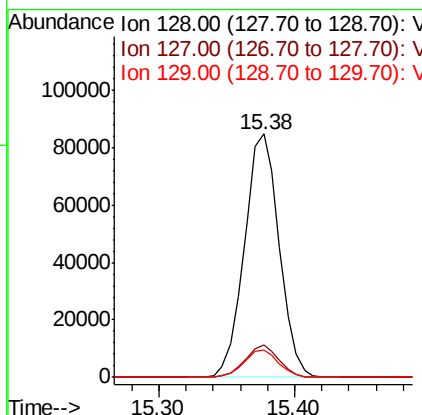
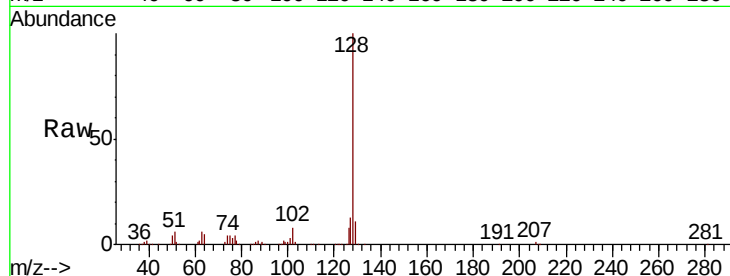




#95
Naphthalene
Concen: 23.356 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tot Ion:128 Resp: 151500
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.336 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:180 Resp: 78707
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.3
145 30.1 15.0 45.1

