

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006378.D
 Acq On : 26 Oct 2018 00:25
 Operator : SY/AP
 Sample : VW1027SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Quant Time: Oct 26 07:22:02 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	227648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171926	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	93543	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	97098	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.32	98	357322	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.62	95	135391	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	16547	14.688	ug/l	97
3) Chloromethane	2.21	50	26991	18.613	ug/l	97
4) Vinyl Chloride	2.37	62	38490	18.586	ug/l	99
5) Bromomethane	2.78	94	39650	21.051	ug/l	98
6) Chloroethane	2.93	64	31489	21.218	ug/l	98
7) Trichlorofluoromethane	3.25	101	36623	18.984	ug/l	100
8) Diethyl Ether	3.68	74	22211	21.663	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42113	20.830	ug/l	99
10) Methyl Iodide	4.26	142	72813	21.638	ug/l	98
11) Tert butyl alcohol	5.23	59	13190	103.915	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	40050	21.056	ug/l	94
13) Acrolein	3.89	56	12047	98.084	ug/l	97
14) Allyl chloride	4.66	41	53795	19.780	ug/l	98
15) Acrylonitrile	5.37	53	42575	115.774	ug/l	100
16) Acetone	4.15	43	41424	108.620	ug/l	98
17) Carbon Disulfide	4.37	76	99065	17.257	ug/l	100
18) Methyl Acetate	4.68	43	22744	23.946	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64354	22.214	ug/l	99
20) Methylene Chloride	4.91	84	48488	23.415	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	47028	22.151	ug/l	99
22) Diisopropyl ether	6.31	45	121184	22.548	ug/l	98
23) Vinyl Acetate	6.26	43	334070	105.326	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79105	22.810	ug/l	99
25) 2-Butanone	7.18	43	58271	114.288	ug/l	96
26) 2,2-Dichloropropane	7.17	77	47733	19.515	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54371	23.207	ug/l	98
28) Bromochloromethane	7.51	49	26017	19.433	ug/l	92
29) Tetrahydrofuran	7.54	42	34062	108.686	ug/l	97
30) Chloroform	7.68	83	88997	23.555	ug/l	96
31) Cyclohexane	7.96	56	67296	19.486	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71646	21.021	ug/l	99
36) 1,1-Dichloropropene	8.09	75	66343	21.660	ug/l	99
37) Ethyl Acetate	7.26	43	26118	22.951	ug/l	99
38) Carbon Tetrachloride	8.07	117	67375	20.066	ug/l	97

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Instrument :
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 ClientSampleId :
 VW1027SBS01

Quant Time: Oct 26 07:22:02 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)
39) Methylcyclohexane	9.34	83	81676	20.061	ug/l	100
40) Benzene	8.32	78	189032	22.499	ug/l	99
41) Methacrylonitrile	7.49	41	15951	23.251	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56715	22.976	ug/l	99
43) Isopropyl Acetate	8.43	43	49545	21.293	ug/l	99
44) Trichloroethene	9.09	130	57975	22.491	ug/l	90
45) 1,2-Dichloropropane	9.37	63	45370	22.566	ug/l	99
46) Dibromomethane	9.46	93	26509	23.134	ug/l	98
47) Bromodichloromethane	9.65	83	60191	21.666	ug/l #	99
48) Methyl methacrylate	9.44	41	23901	21.670	ug/l	96
49) 1,4-Dioxane	9.47	88	8438	478.328	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	129396	110.992	ug/l	99
52) Toluene	10.39	92	127316	22.603	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	55689	20.119	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	66551	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38496	24.007	ug/l	98
56) Ethyl methacrylate	10.65	69	43333	22.043	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62474	23.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	84378	112.330	ug/l	98
59) 2-Hexanone	10.98	43	86799	104.301	ug/l	96
60) Dibromochloromethane	11.13	129	43211	21.634	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37041	23.118	ug/l	100
64) Tetrachloroethene	10.87	164	54793	22.960	ug/l	99
65) Chlorobenzene	11.66	112	149976	22.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51051	21.829	ug/l	99
67) Ethyl Benzene	11.74	91	252631	22.152	ug/l	98
68) m/p-Xylenes	11.84	106	198100	43.947	ug/l	100
69) o-Xylene	12.17	106	94815	22.071	ug/l	100
70) Styrene	12.18	104	155226	22.220	ug/l	99
71) Bromoform	12.35	173	26424	20.257	ug/l #	99
73) Isopropylbenzene	12.47	105	261834	21.557	ug/l	99
74) N-amyl acetate	12.28	43	47103	19.967	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	42726	23.128	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53131	40.460	ug/l #	100
77) Bromobenzene	12.75	156	67873	22.815	ug/l	99
78) n-propylbenzene	12.81	91	306194	21.668	ug/l	100
79) 2-Chlorotoluene	12.90	91	176226	22.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	224218	21.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9848	17.926	ug/l	93
82) 4-Chlorotoluene	12.99	91	186822	22.463	ug/l	100
83) tert-Butylbenzene	13.21	119	197515	21.560	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	230010	22.199	ug/l	100
85) sec-Butylbenzene	13.39	105	280123	21.644	ug/l	99
86) p-Isopropyltoluene	13.51	119	253915	21.690	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135296	22.851	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133476	22.642	ug/l	99
89) n-Butylbenzene	13.83	91	228022	21.299	ug/l	99
90) Hexachloroethane	14.10	117	38831	19.583	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	121484	23.003	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6500	19.652	ug/l	96

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Quant Time: Oct 26 07:22:02 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

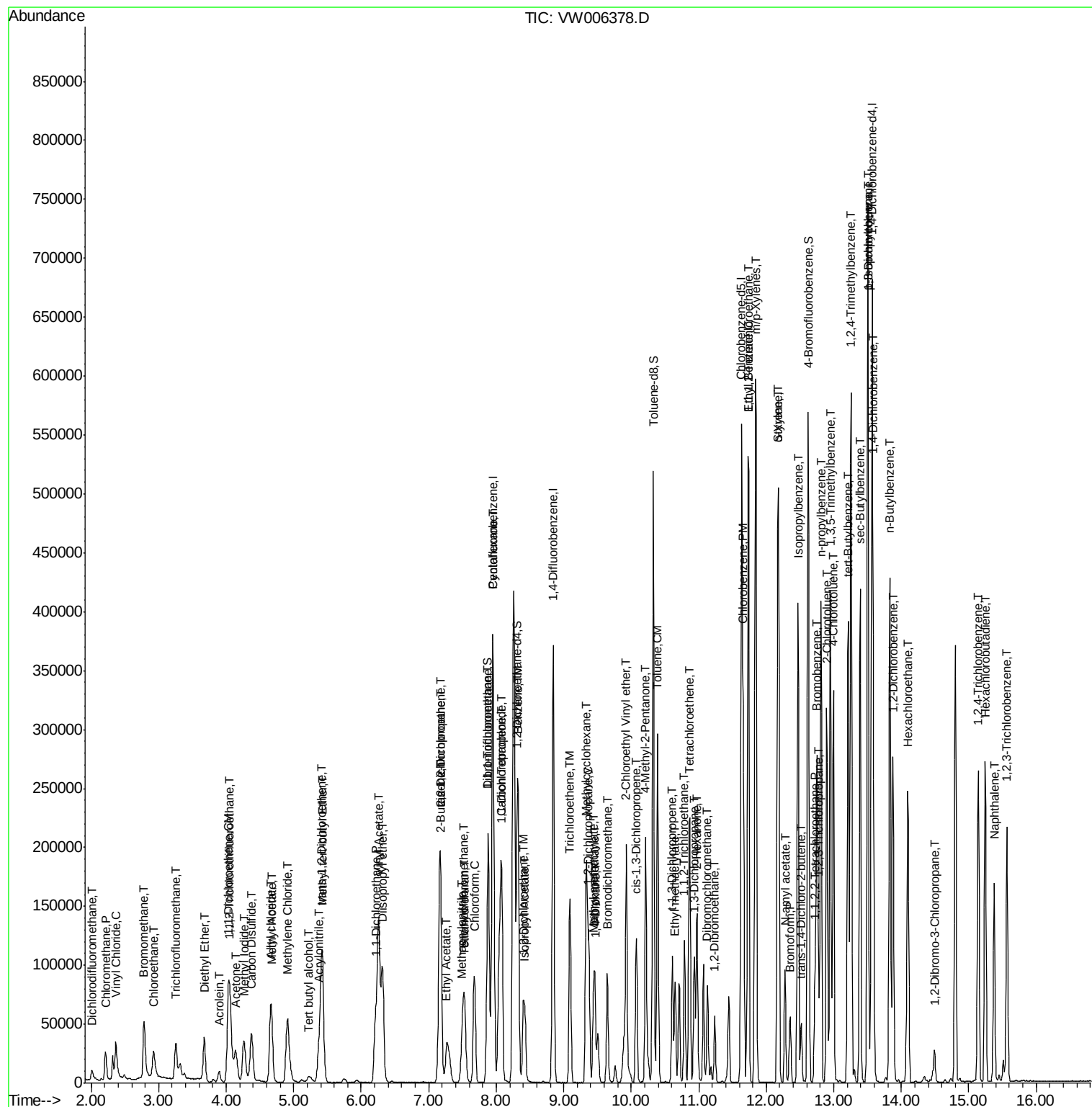
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92166	22.681	ug/l	99
94) Hexachlorobutadiene	15.24	225	56285	22.049	ug/l	100
95) Naphthalene	15.38	128	150331	22.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80635	22.942	ug/l	99

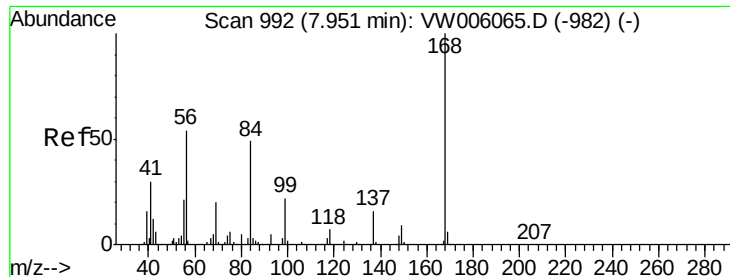
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

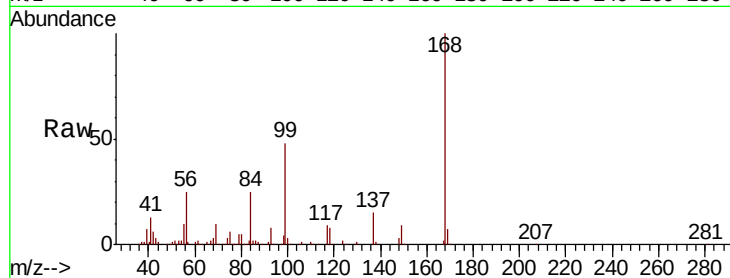
VW1027SBS01

Tot Ion:168 Resp: 227648

Ion Ratio Lower Upper

168 100

99 47.9 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

100000

80000

60000

40000

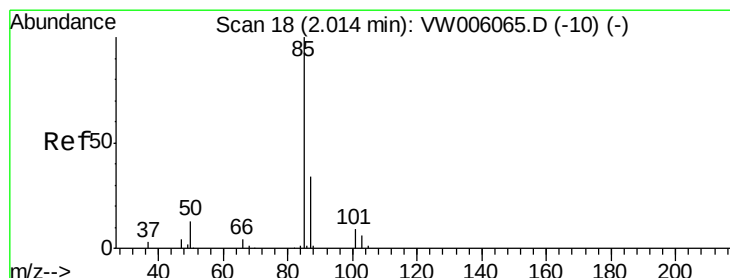
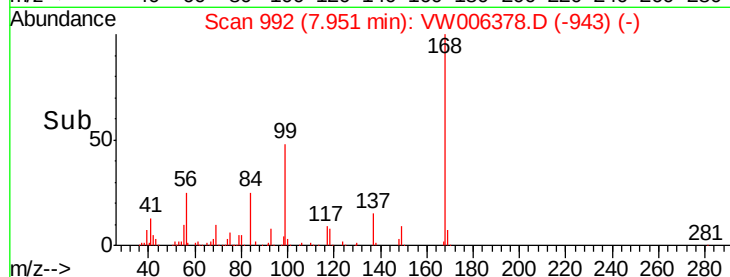
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 14.688 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006378.D

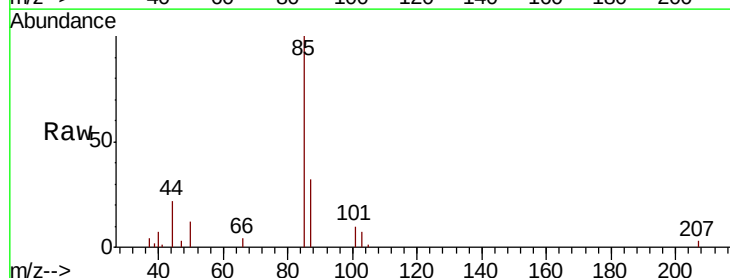
Acq: 26 Oct 2018 00:25

Tgt Ion: 85 Resp: 16547

Ion Ratio Lower Upper

85 100

87 32.0 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

5000

4000

3000

2000

1000

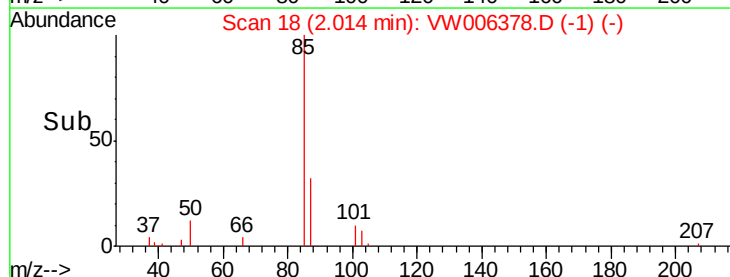
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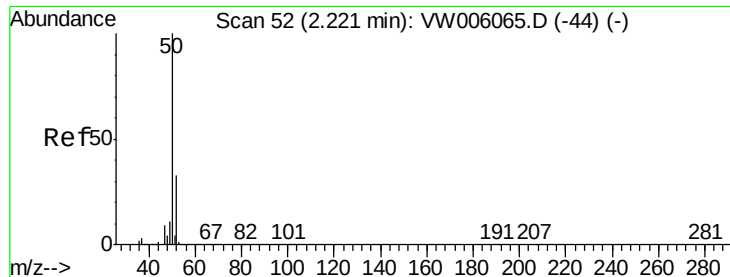
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 18.613 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

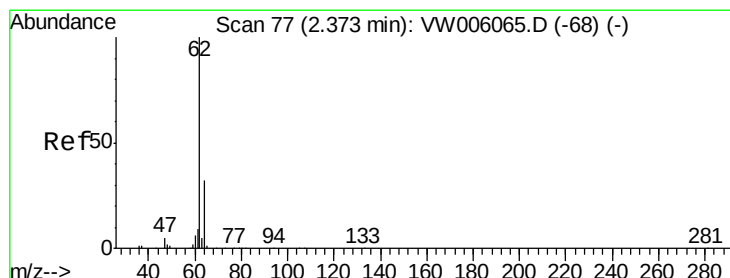
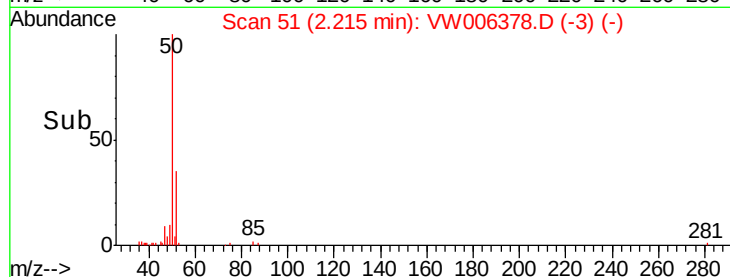
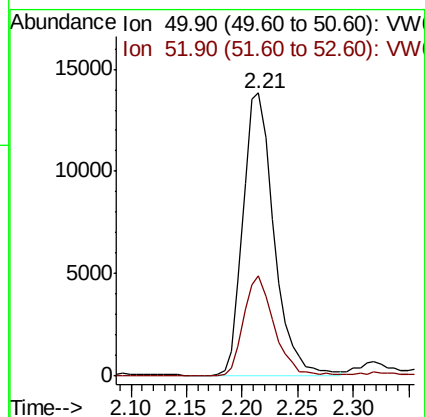
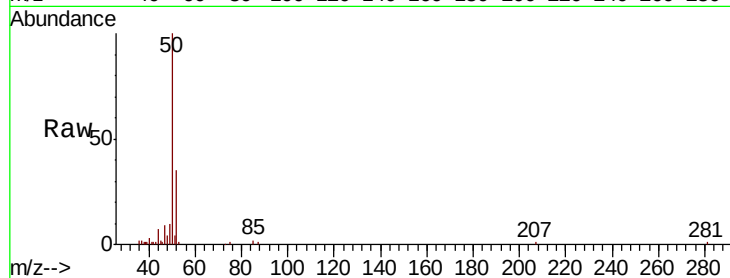
VW1027SBS01

Tot Ion: 50 Resp: 26991

Ion Ratio Lower Upper

50 100

52 35.3 26.8 40.2



#4

Vinyl Chloride

Concen: 18.586 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006378.D

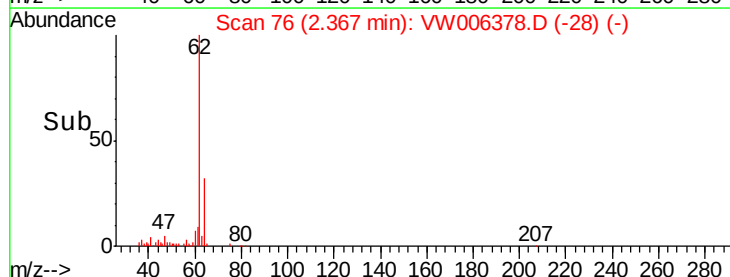
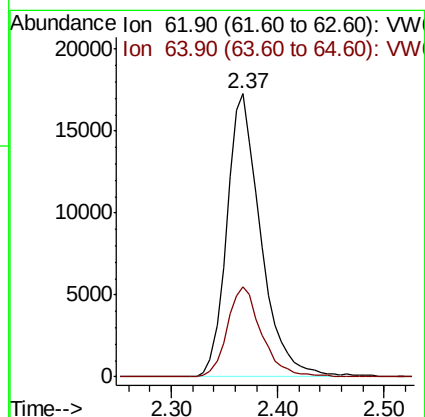
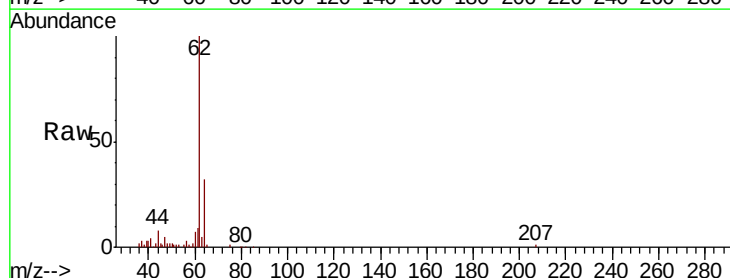
Acq: 26 Oct 2018 00:25

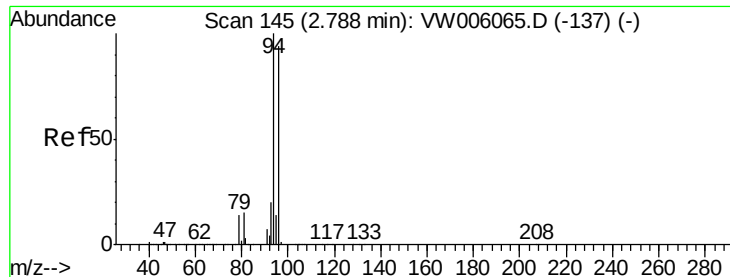
Tgt Ion: 62 Resp: 38490

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 21.051 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

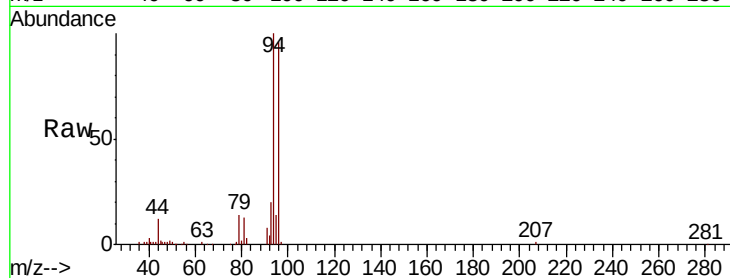
VW1027SBS01

Tot Ion: 94 Resp: 39650

Ion Ratio Lower Upper

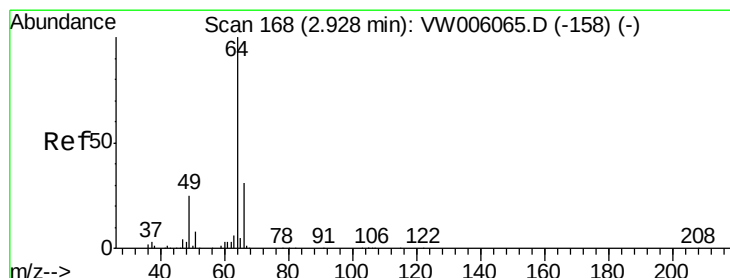
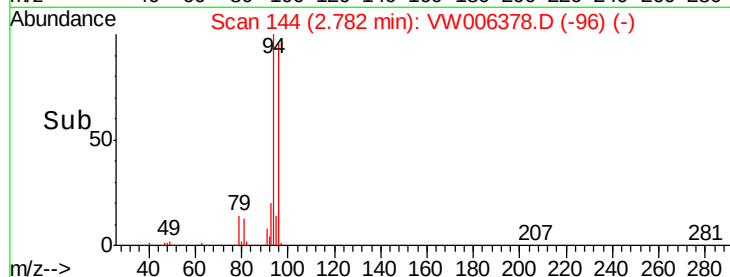
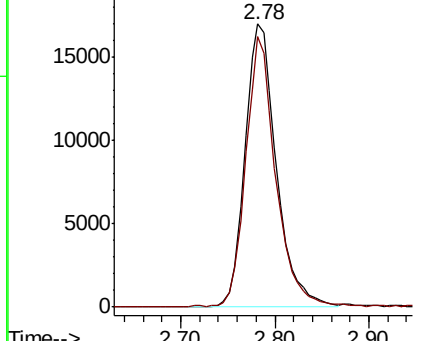
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.218 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006378.D

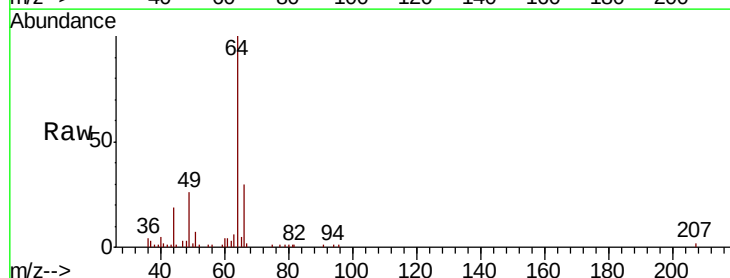
Acq: 26 Oct 2018 00:25

Tgt Ion: 64 Resp: 31489

Ion Ratio Lower Upper

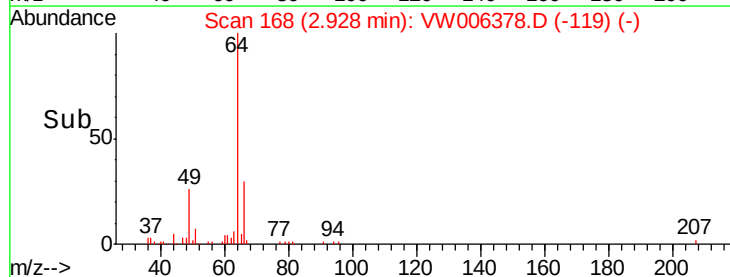
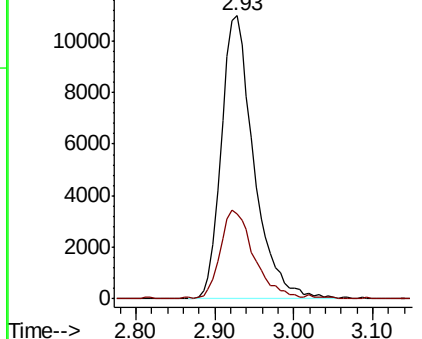
64 100

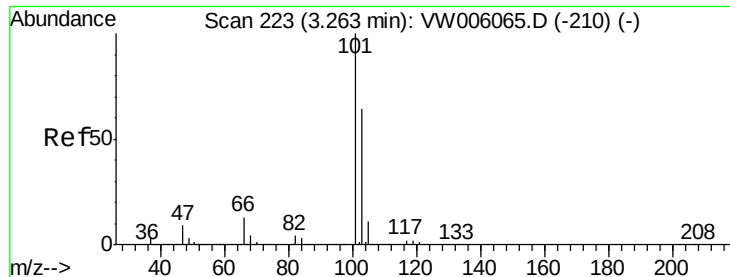
66 30.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



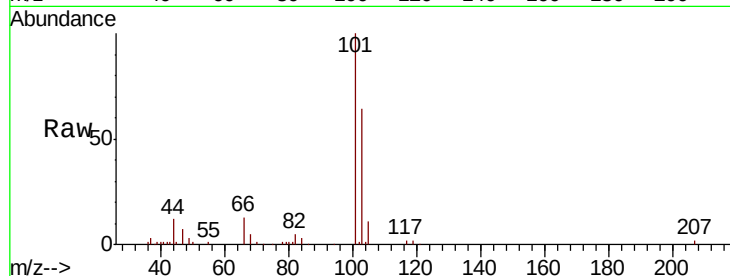


#7

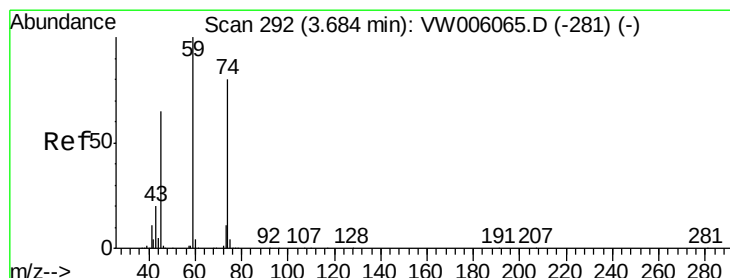
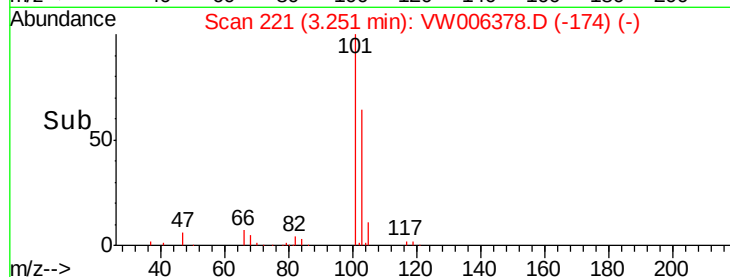
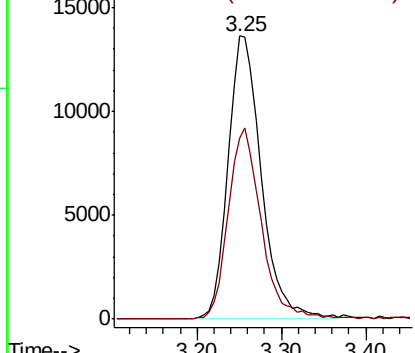
Trichlorofluoromethane
Concen: 18.984 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tot Ion:101 Resp: 36623
Ion Ratio Lower Upper
101 100
103 63.7 51.2 76.8



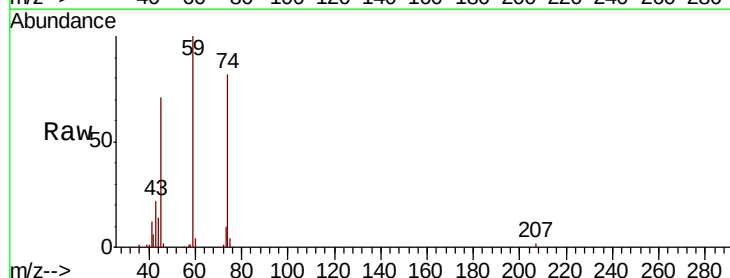
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



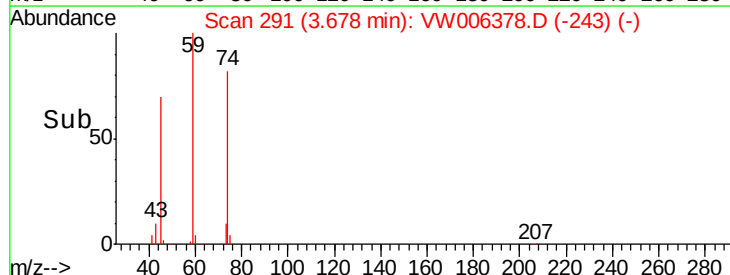
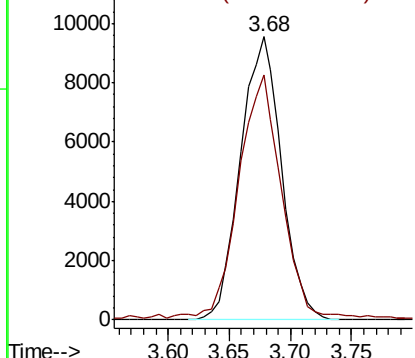
#8

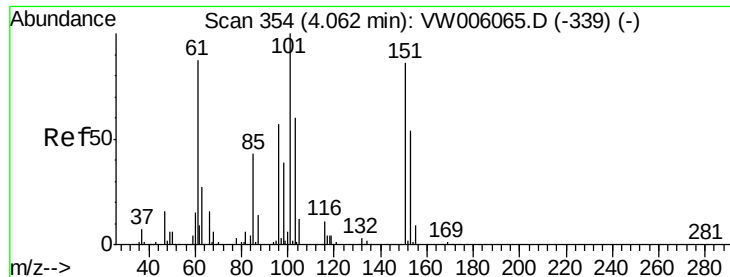
Diethyl Ether
Concen: 21.663 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 74 Resp: 22211
Ion Ratio Lower Upper
74 100
45 88.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.830 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

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VW1027SBS01

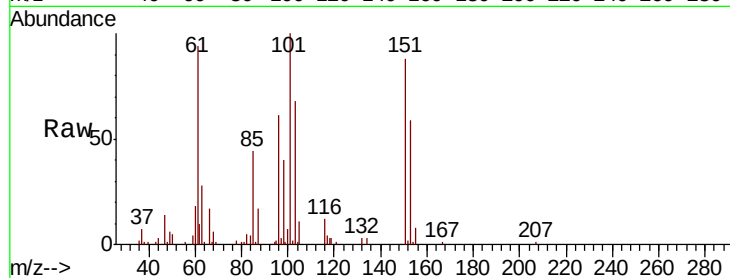
Tot Ion:101 Resp: 42113

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

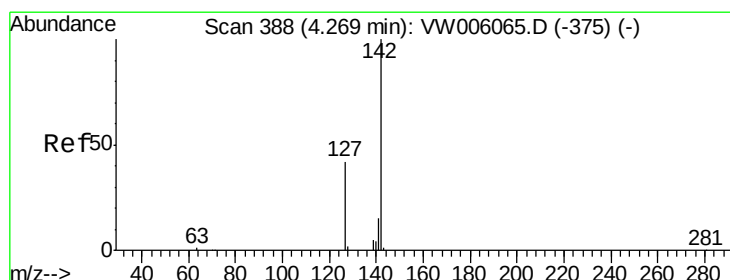
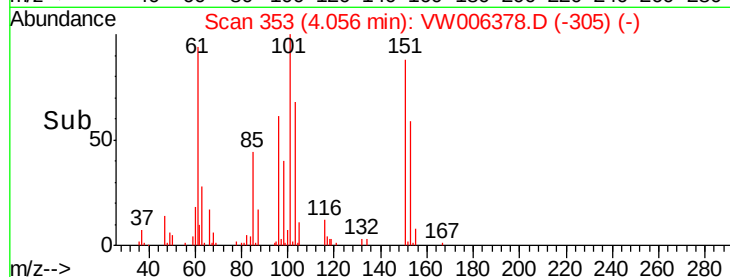
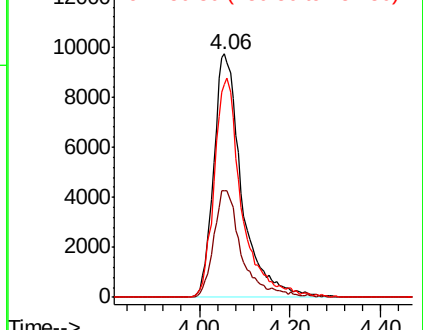
151 87.5 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.638 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

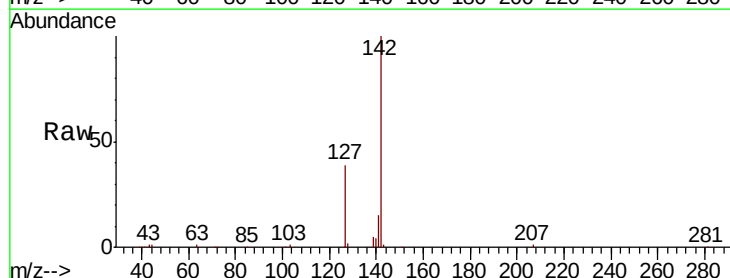
Tgt Ion:142 Resp: 72813

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

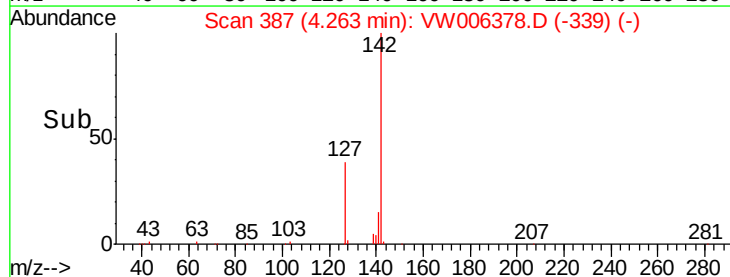
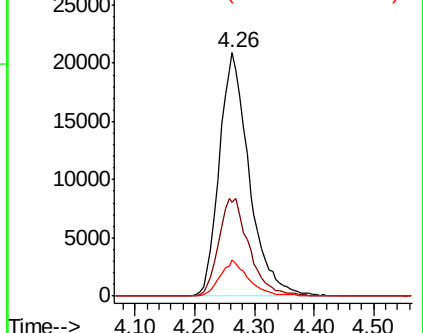
141 14.0 11.6 17.4

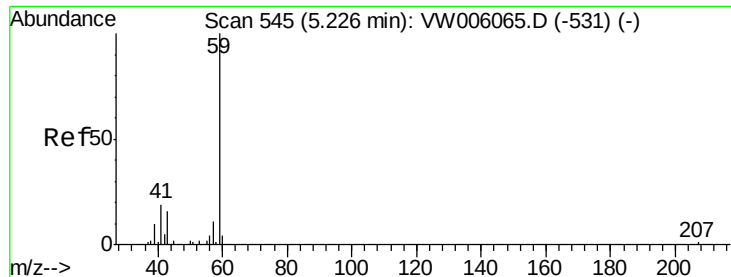


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



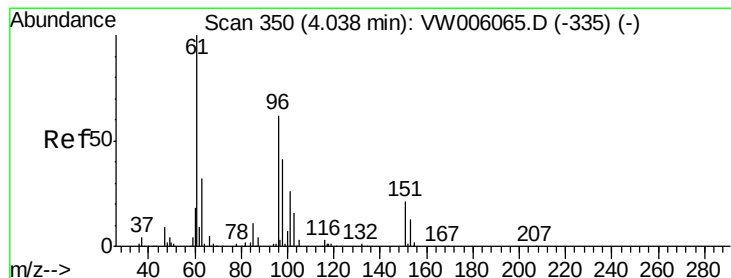
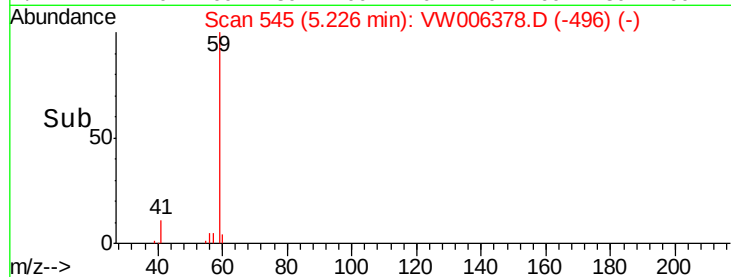
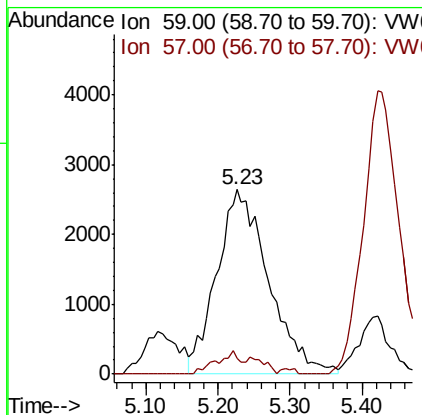
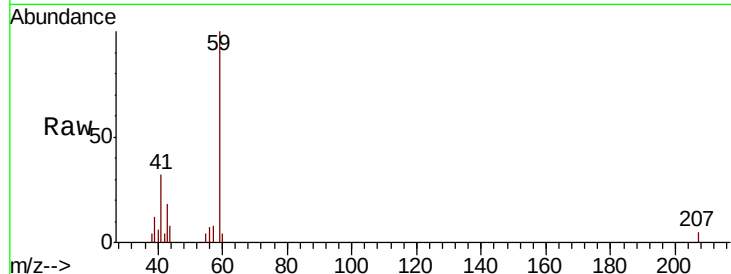


#11

Tert butyl alcohol
 Concen: 103.915 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

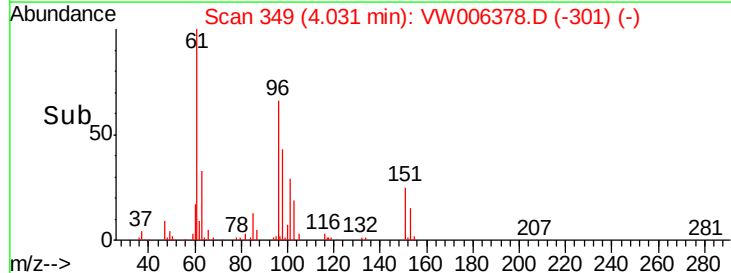
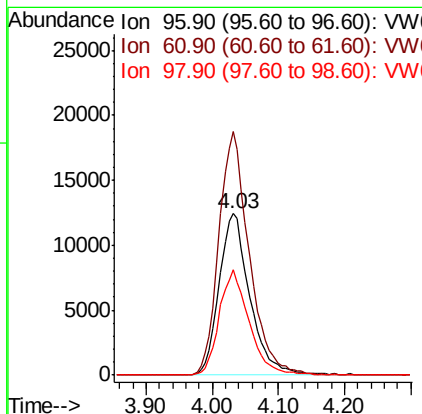
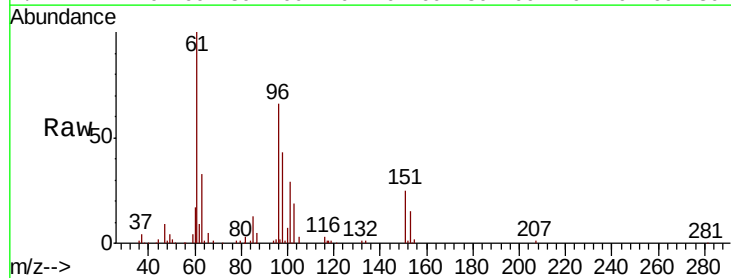
Tot Ion: 59 Resp: 13190
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.7 13.1#

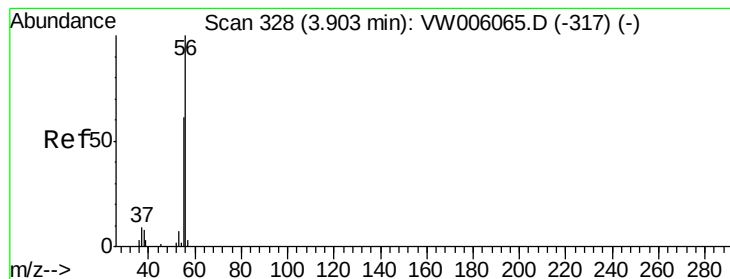


#12

1,1-Dichloroethene
 Concen: 21.056 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 96 Resp: 40050
 Ion Ratio Lower Upper
 96 100
 61 151.1 129.3 193.9
 98 65.1 53.1 79.7





#13

Acrolein

Concen: 98.084 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

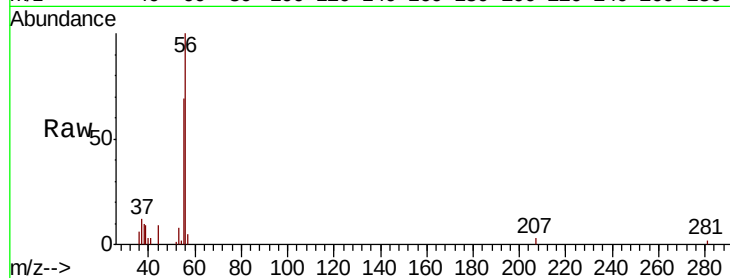
VW1027SBS01

Tot Ion: 56 Resp: 12047

Ion Ratio Lower Upper

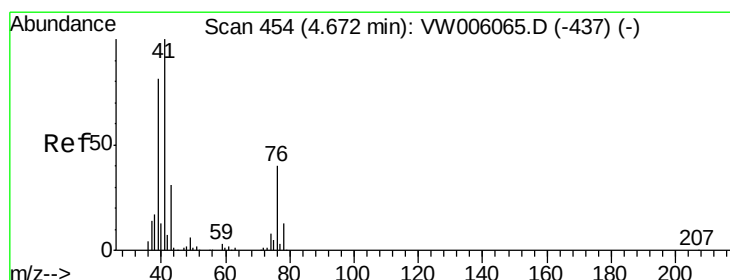
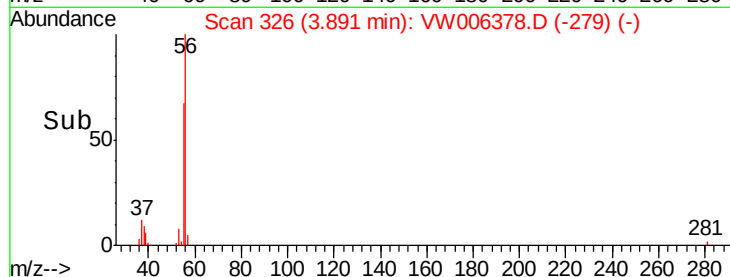
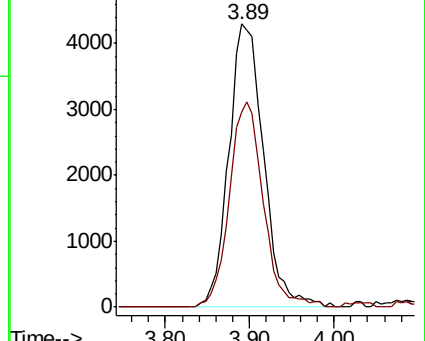
56 100

55 70.3 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.780 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

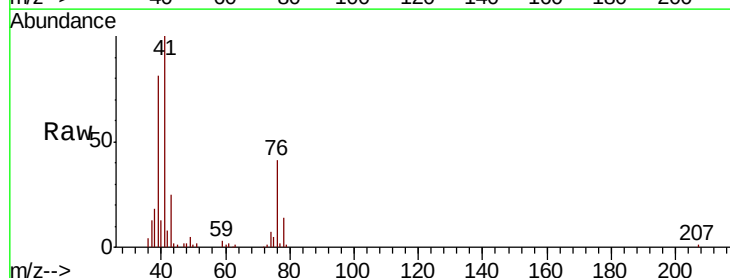
Tgt Ion: 41 Resp: 53795

Ion Ratio Lower Upper

41 100

39 82.0 64.1 96.1

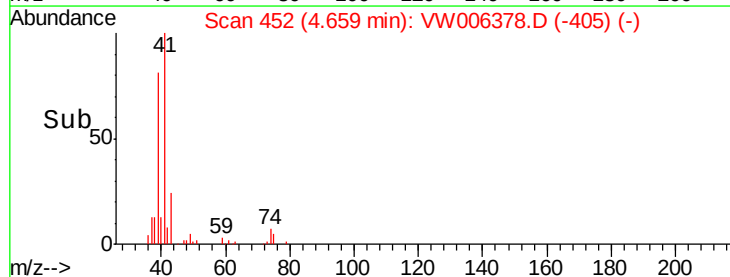
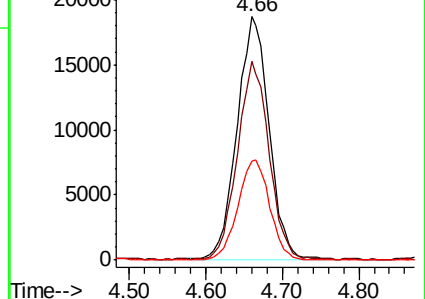
76 41.2 32.2 48.4

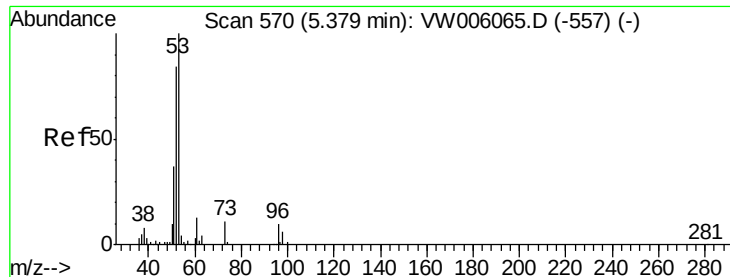


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 115.774 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

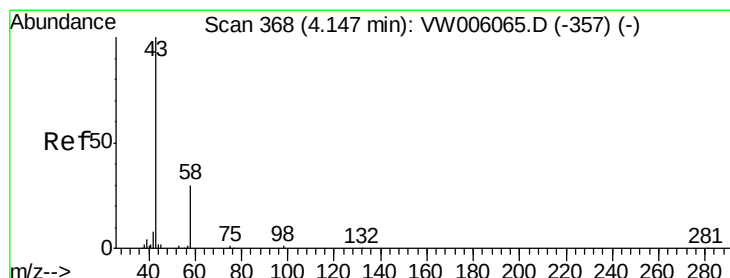
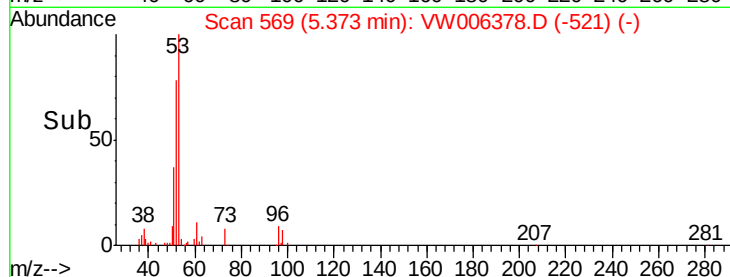
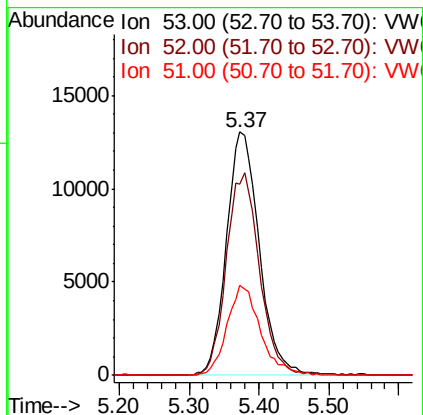
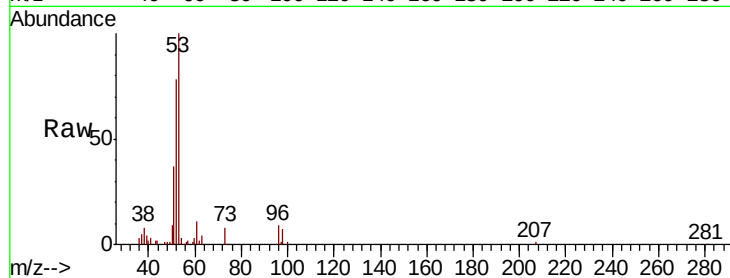
Tot Ion: 53 Resp: 42575

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

51 37.5 30.1 45.1



#16

Acetone

Concen: 108.620 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006378.D

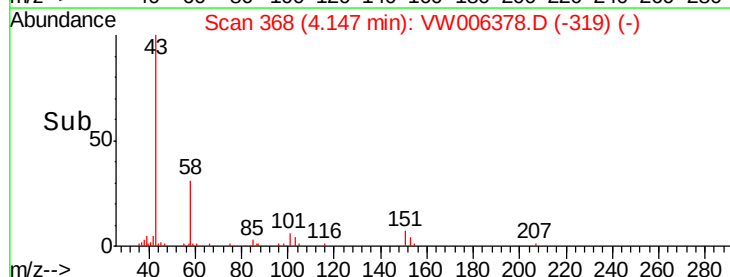
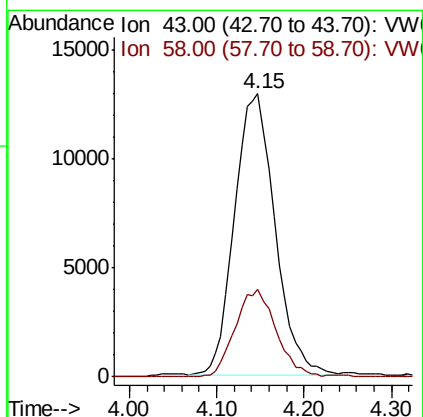
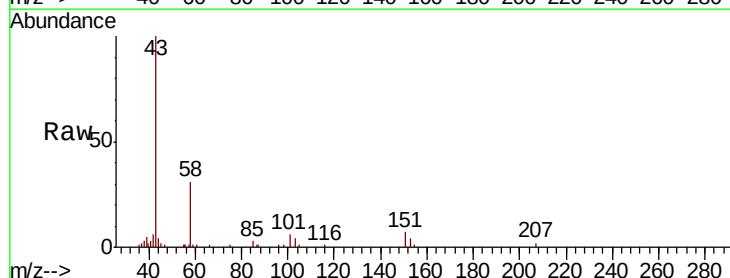
Acq: 26 Oct 2018 00:25

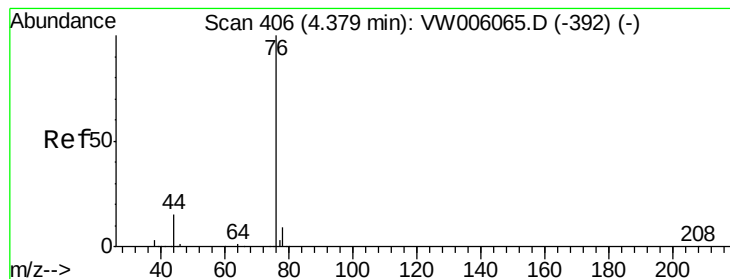
Tgt Ion: 43 Resp: 41424

Ion Ratio Lower Upper

43 100

58 31.1 24.0 36.0





#17

Carbon Disulfide

Concen: 17.257 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

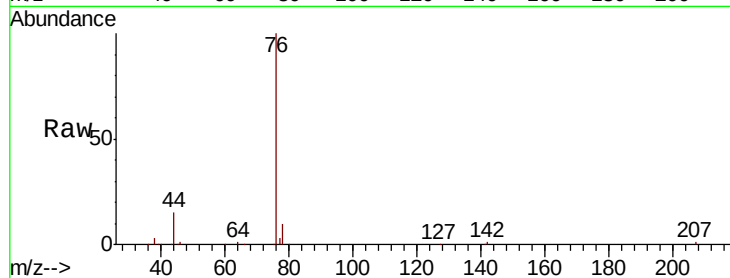
VW1027SBS01

Tot Ion: 76 Resp: 99065

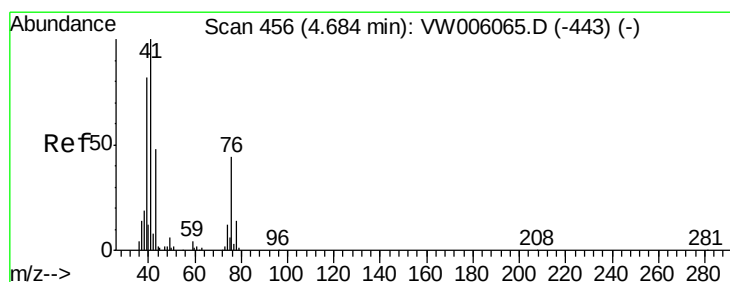
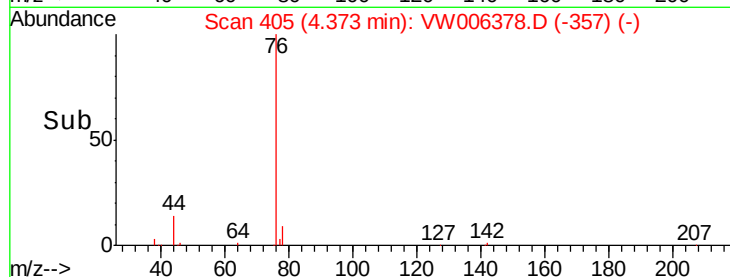
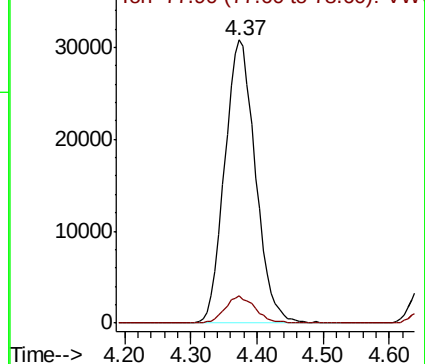
Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.946 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006378.D

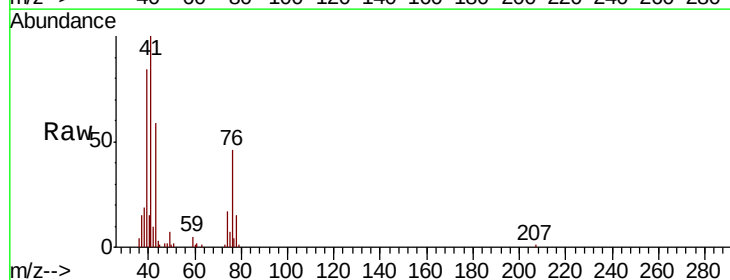
Acq: 26 Oct 2018 00:25

Tgt Ion: 43 Resp: 22744

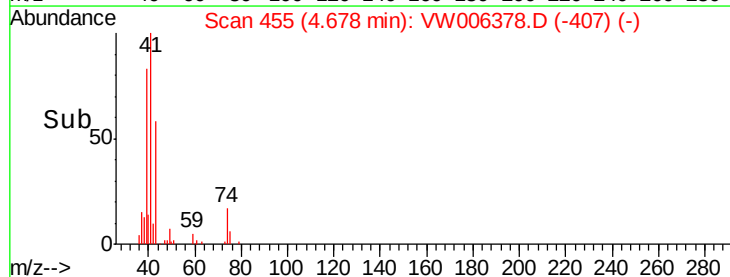
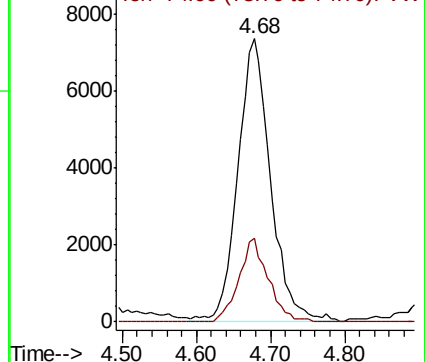
Ion Ratio Lower Upper

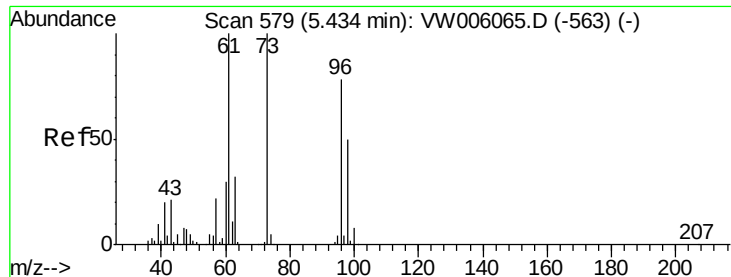
43 100

74 26.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

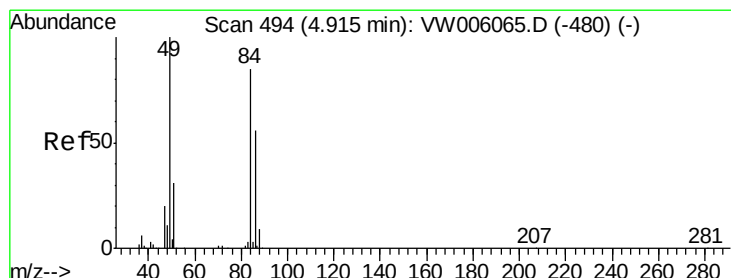
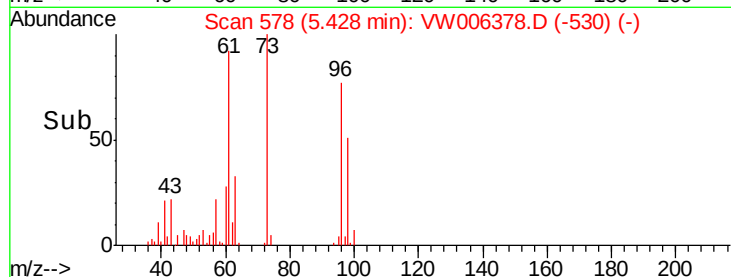
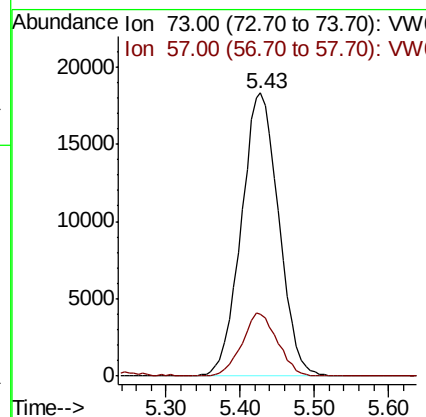
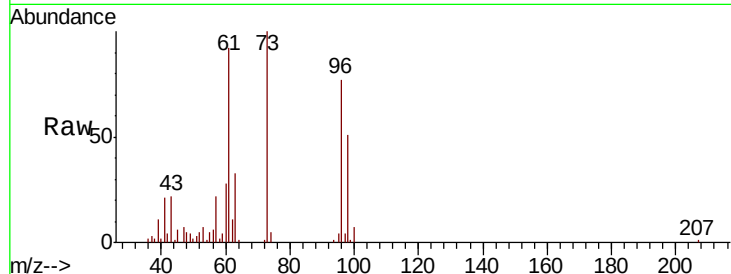




#19
Methyl tert-butyl Ether
Concen: 22.214 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

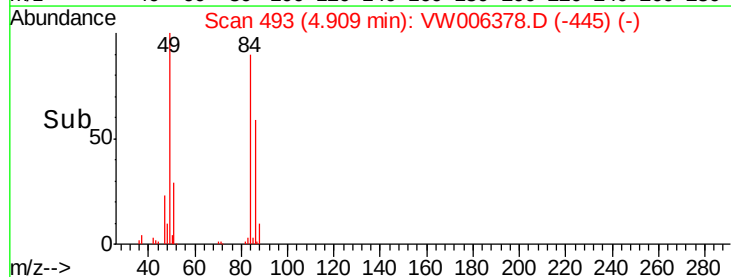
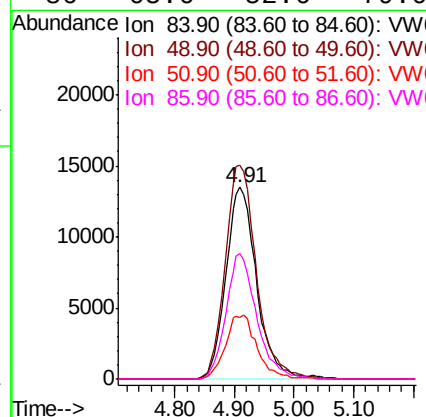
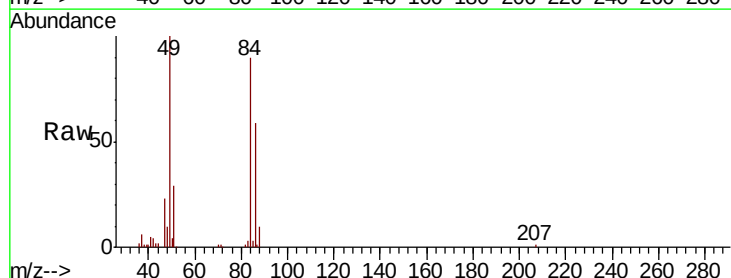
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

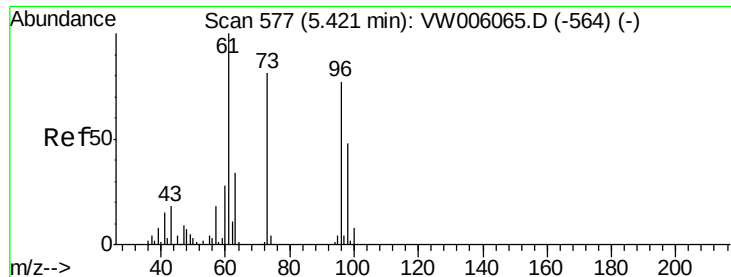
Tot Ion: 73 Resp: 64354
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2



#20
Methylene Chloride
Concen: 23.415 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 84 Resp: 48488
Ion Ratio Lower Upper
84 100
49 111.4 93.6 140.4
51 32.4 29.0 43.4
86 65.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.151 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

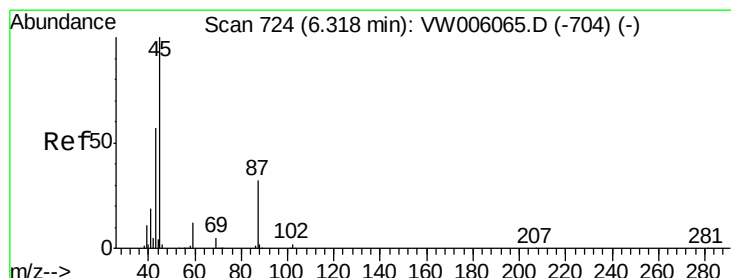
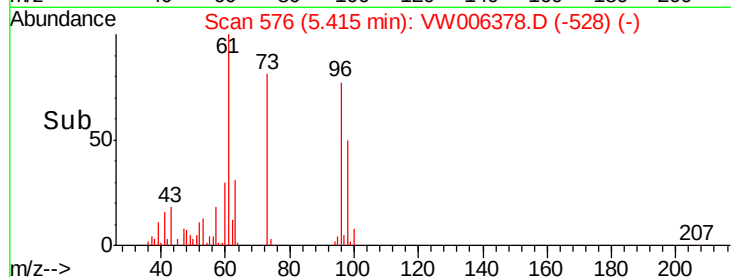
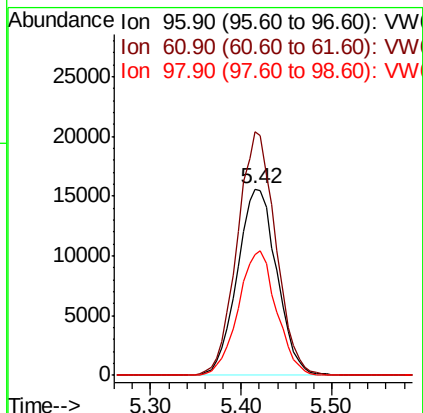
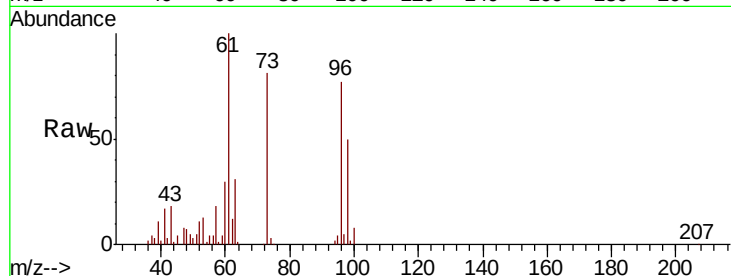
Tot Ion: 96 Resp: 47028

Ion Ratio Lower Upper

96 100

61 130.5 104.5 156.7

98 64.9 50.6 75.8



#22

Diisopropyl ether

Concen: 22.548 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion: 45 Resp: 121184

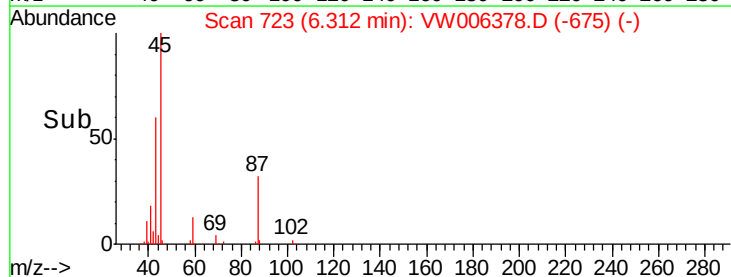
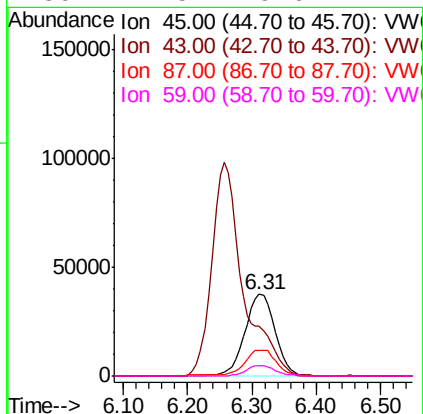
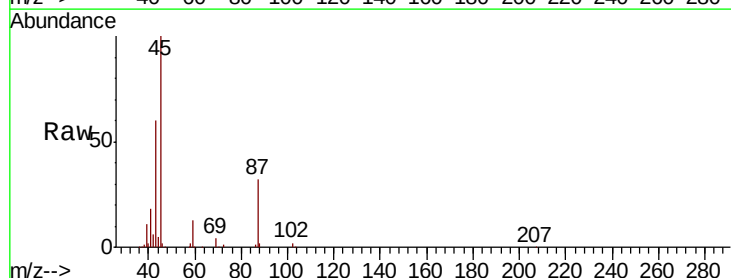
Ion Ratio Lower Upper

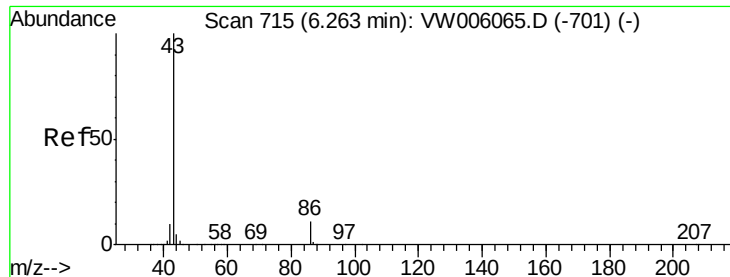
45 100

43 59.8 45.7 68.5

87 32.1 25.9 38.9

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 105.326 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampled :

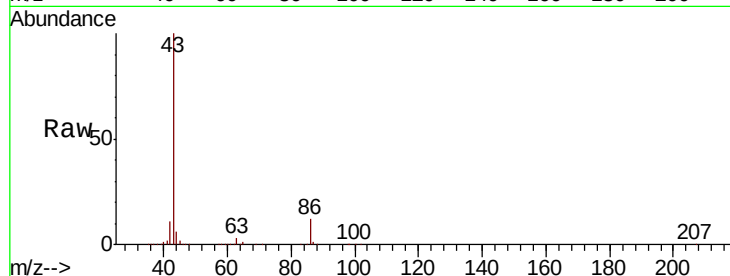
VW1027SBS01

Tot Ion: 43 Resp: 334070

Ion Ratio Lower Upper

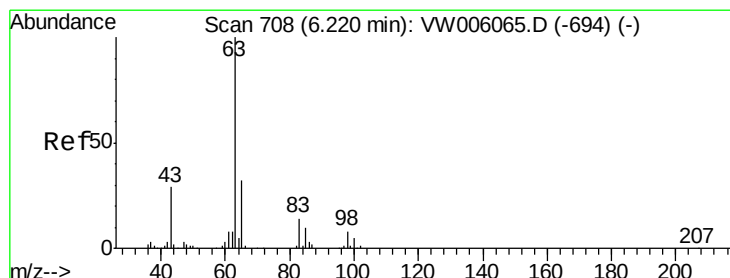
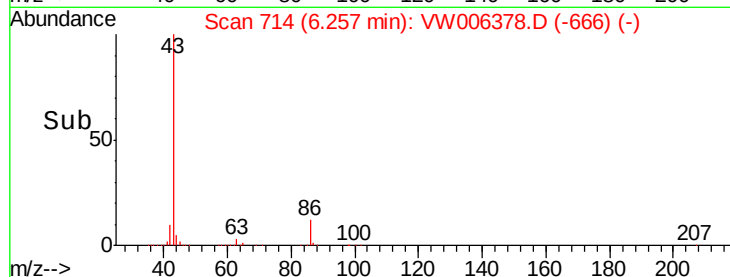
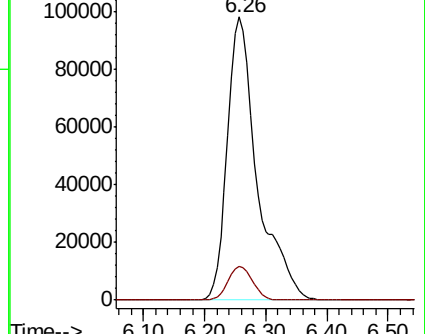
43 100

86 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.810 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

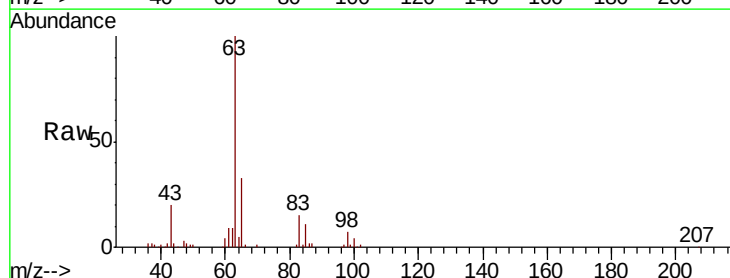
Tgt Ion: 63 Resp: 79105

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

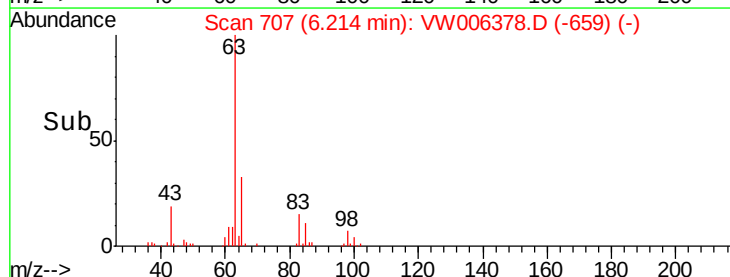
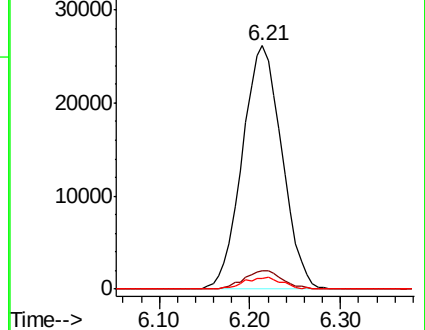
100 4.5 2.5 7.5

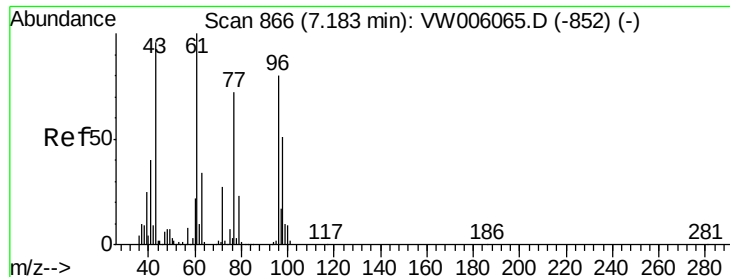


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 114.288 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

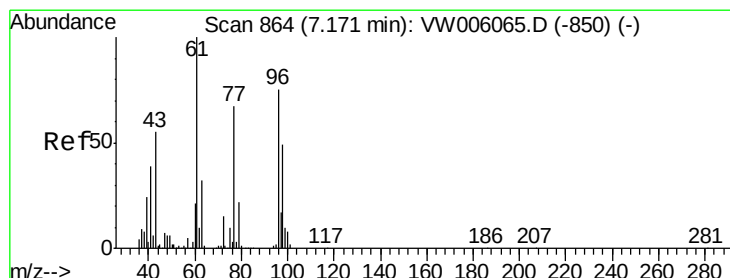
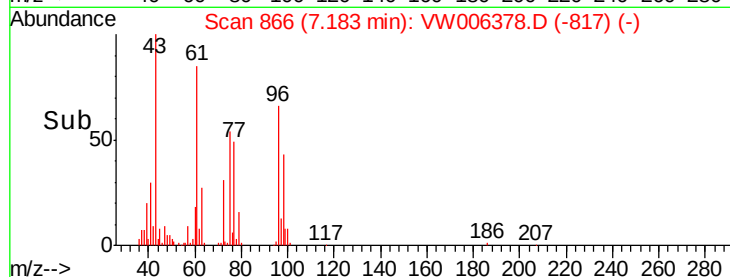
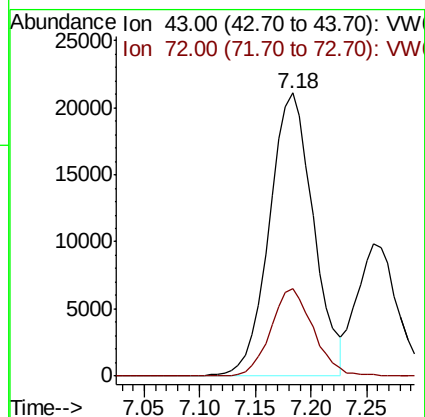
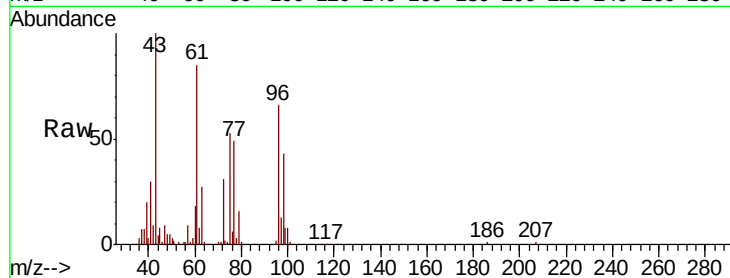
VW1027SBS01

Tot Ion: 43 Resp: 58271

Ion Ratio Lower Upper

43 100

72 30.8 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.515 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006378.D

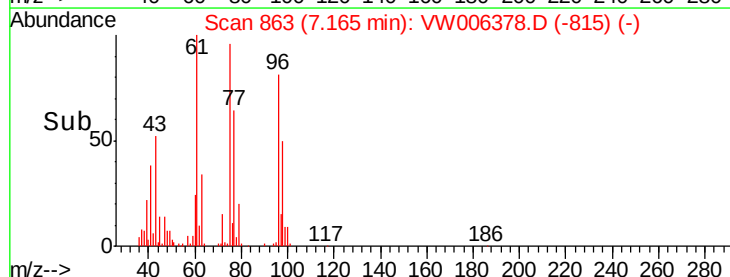
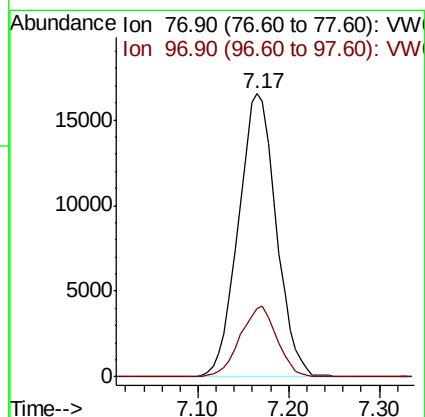
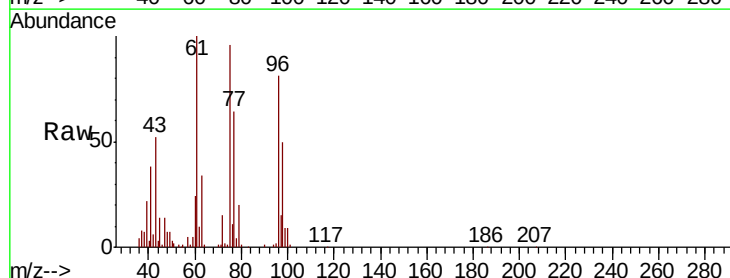
Acq: 26 Oct 2018 00:25

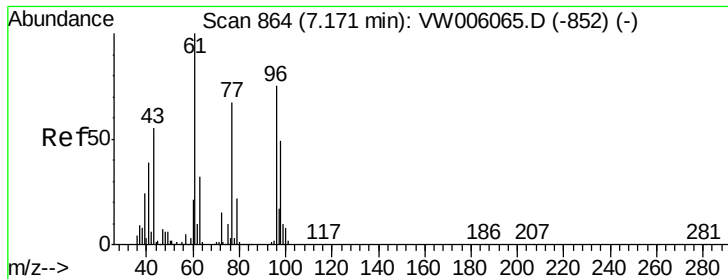
Tgt Ion: 77 Resp: 47733

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4



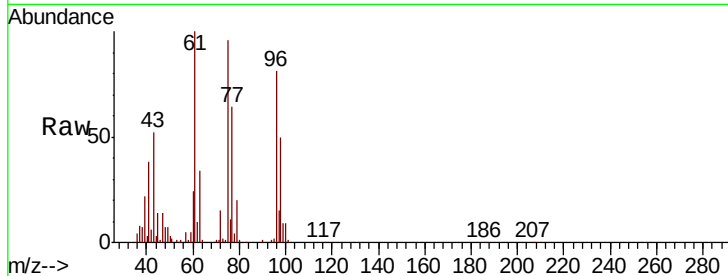


#27

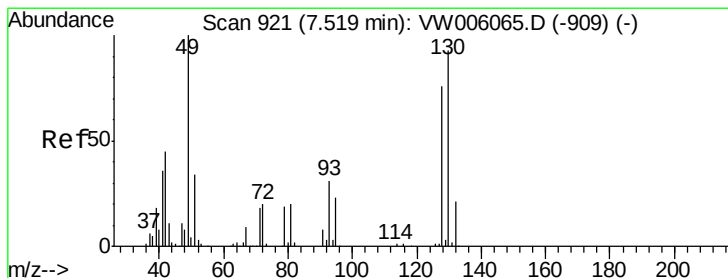
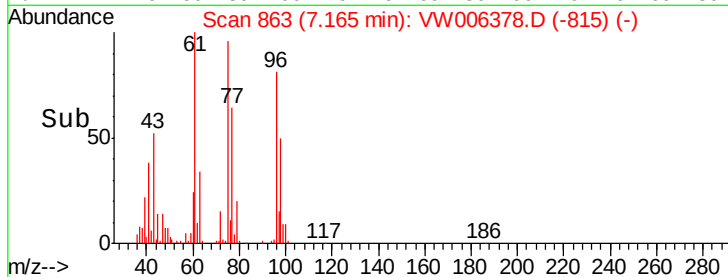
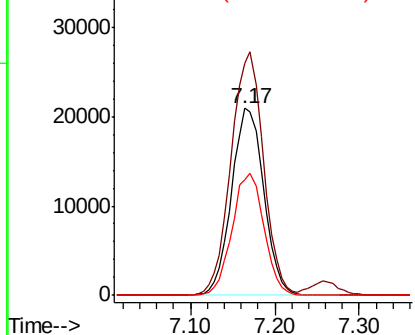
cis-1,2-Dichloroethene
Concen: 23.207 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tot Ion: 96 Resp: 54371
Ion Ratio Lower Upper
96 100
61 130.7 0.0 267.2
98 64.2 0.0 128.6



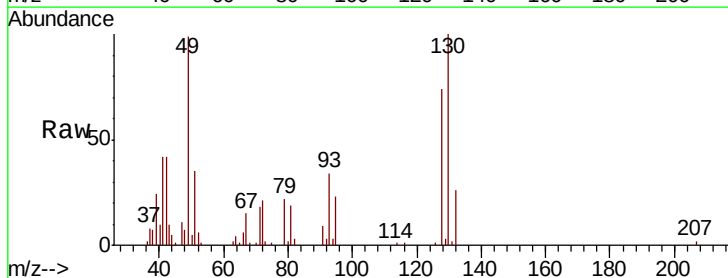
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



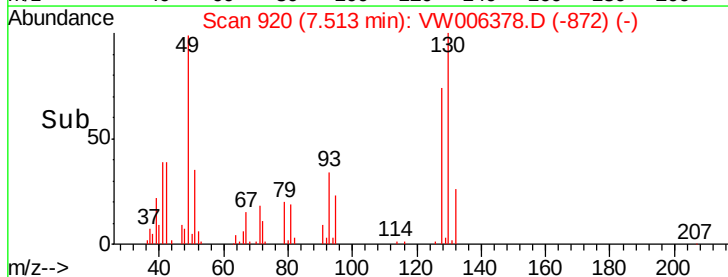
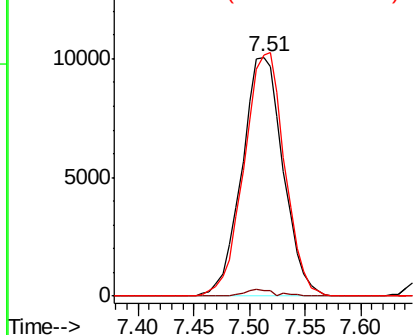
#28

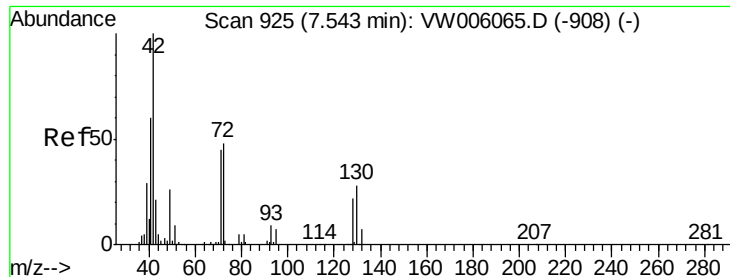
Bromochloromethane
Concen: 19.433 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 49 Resp: 26017
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 99.8 73.8 110.8



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.686 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

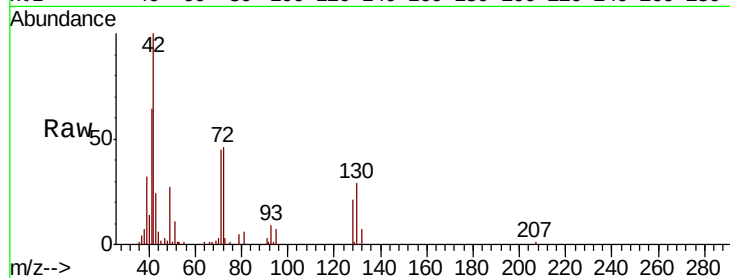
Tot Ion: 42 Resp: 34062

Ion Ratio Lower Upper

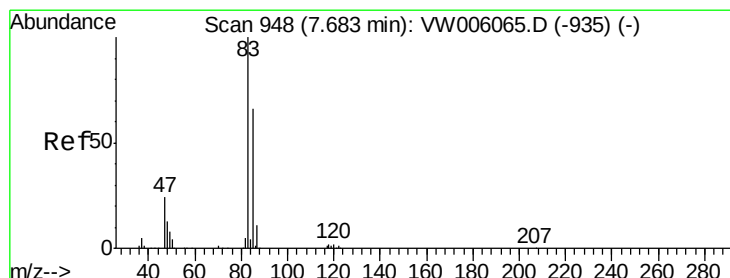
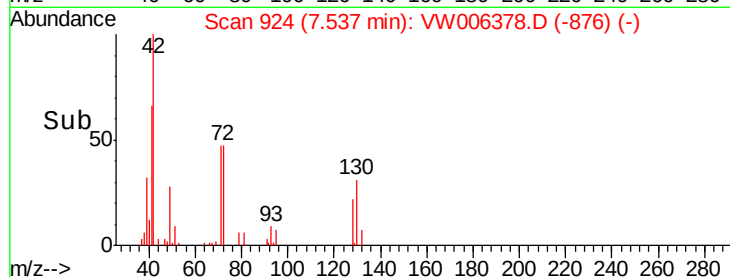
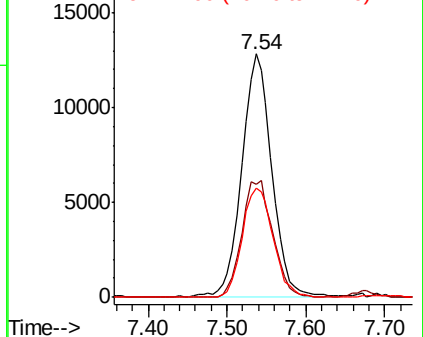
42 100

72 49.3 38.0 57.0

71 45.8 35.3 52.9



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



#30

Chloroform

Concen: 23.555 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006378.D

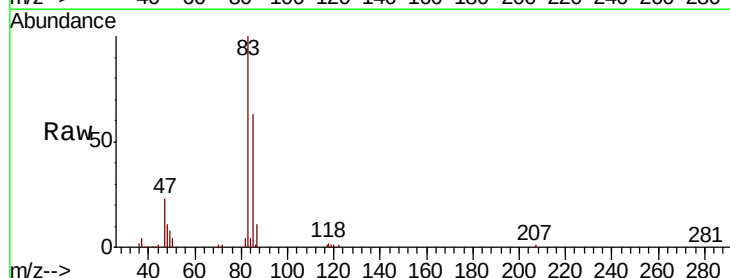
Acq: 26 Oct 2018 00:25

Tgt Ion: 83 Resp: 88997

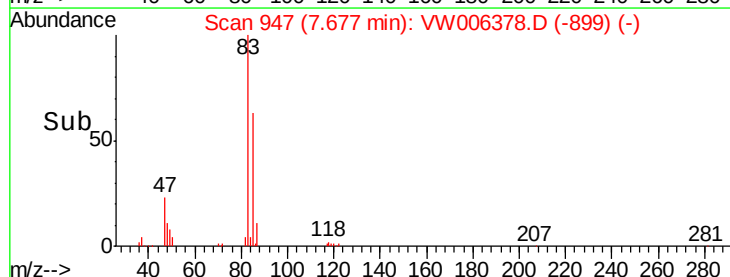
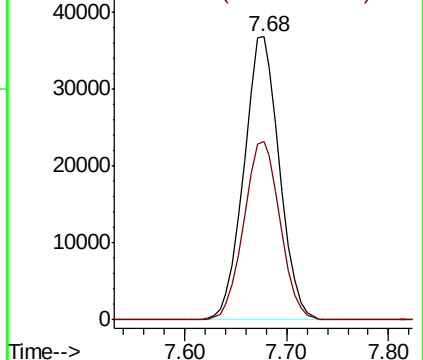
Ion Ratio Lower Upper

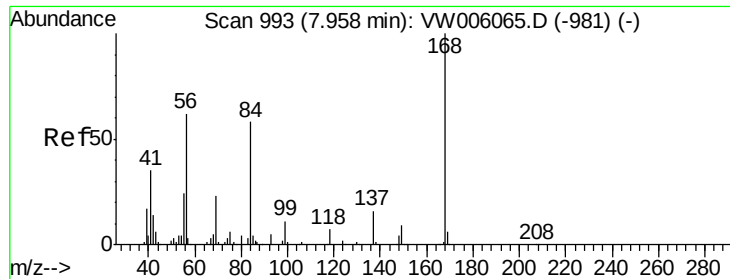
83 100

85 62.9 52.6 79.0



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

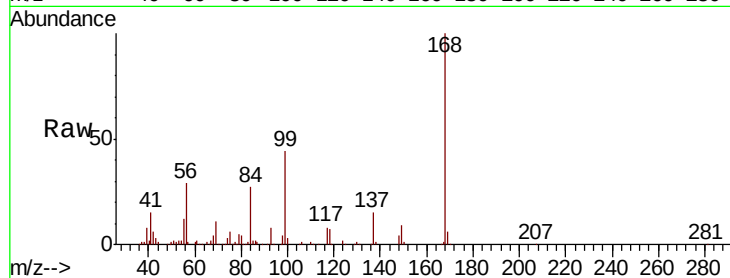




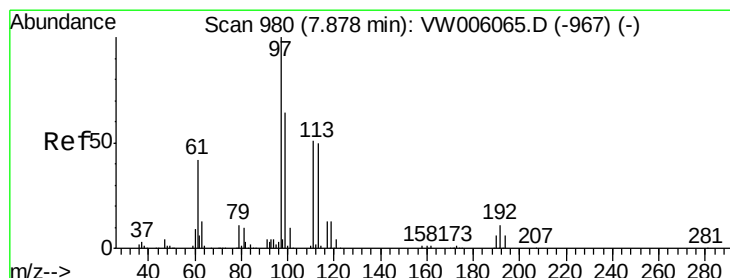
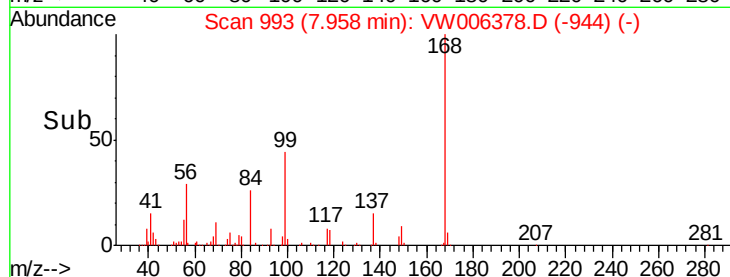
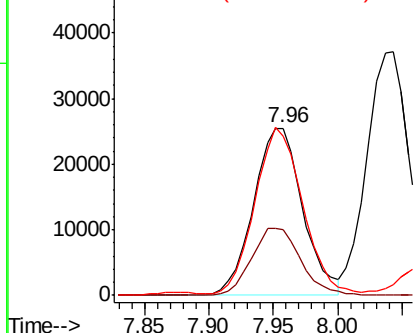
#31
Cyclohexane
Concen: 19.486 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tot Ion: 56 Resp: 67296
Ion Ratio Lower Upper
56 100
69 39.5 29.4 44.0
84 93.6 74.0 111.0

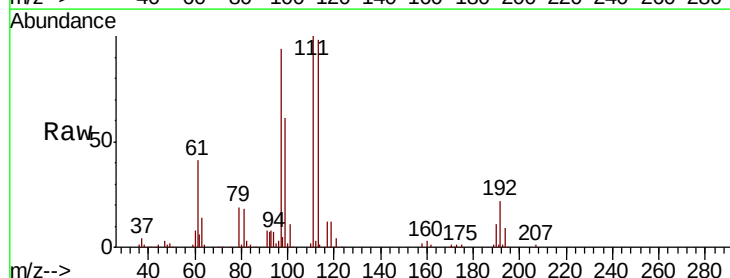


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

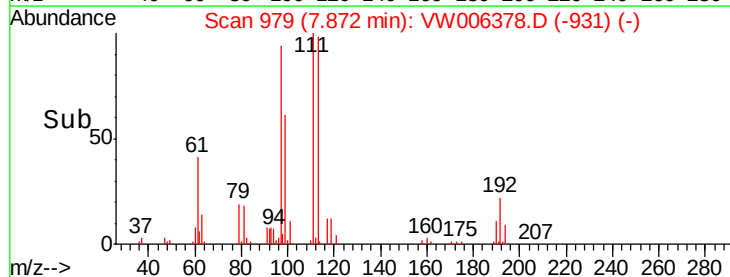
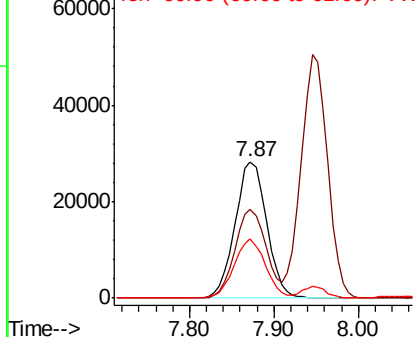


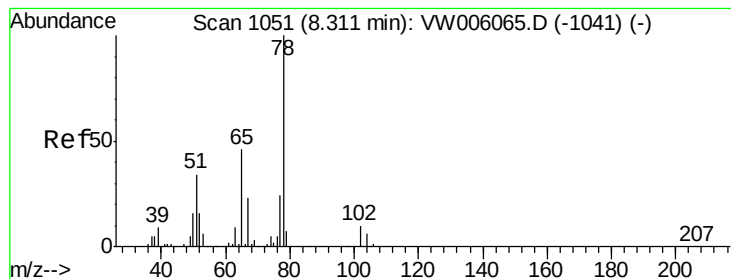
#32
1,1,1-Trichloroethane
Concen: 21.021 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 97 Resp: 71646
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 42.8 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: 49.564 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

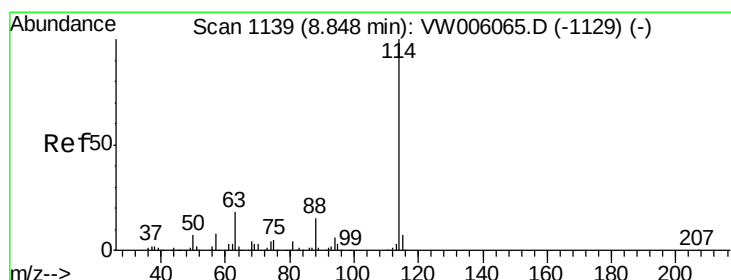
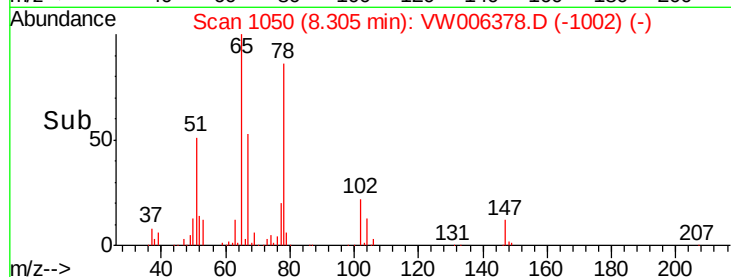
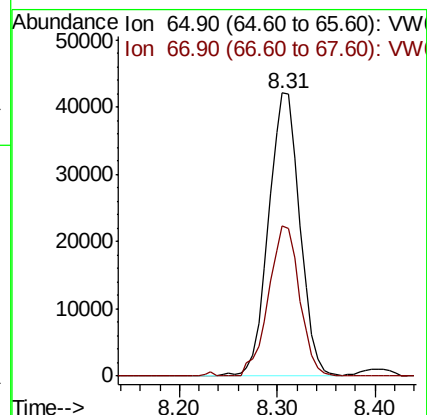
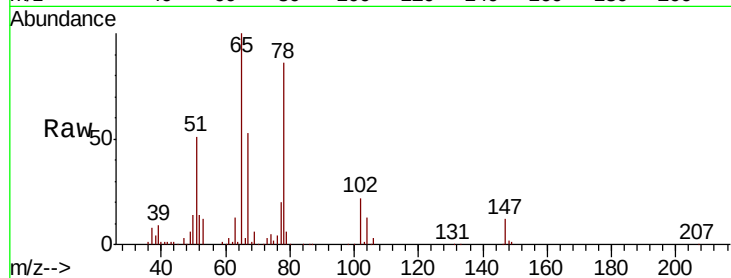
VW1027SBS01

Tot Ion: 65 Resp: 93543

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

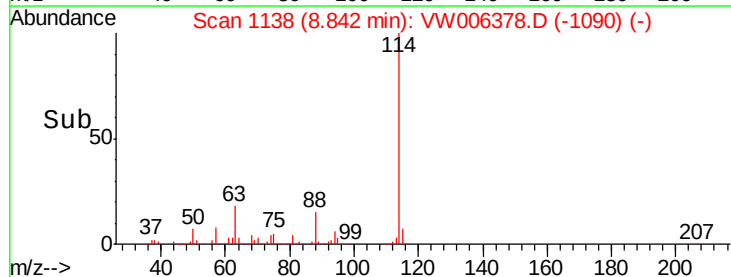
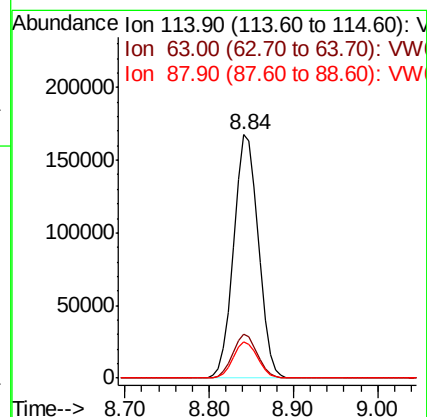
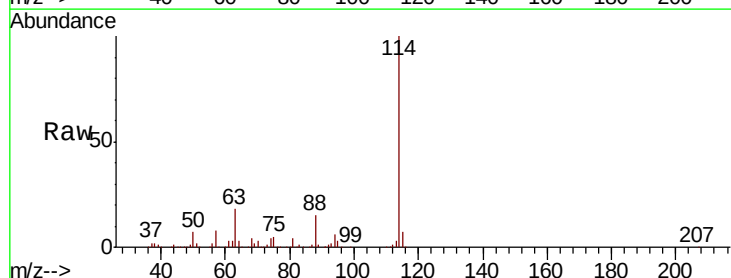
Tgt Ion: 114 Resp: 332306

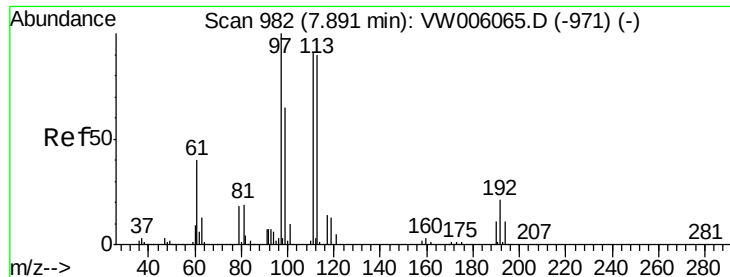
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.8 0.0 29.0

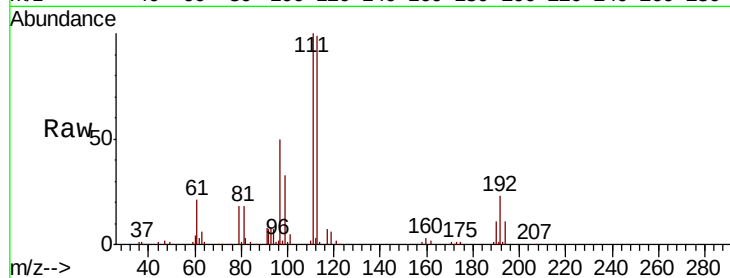




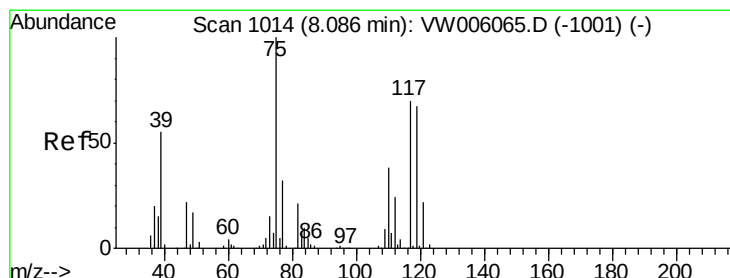
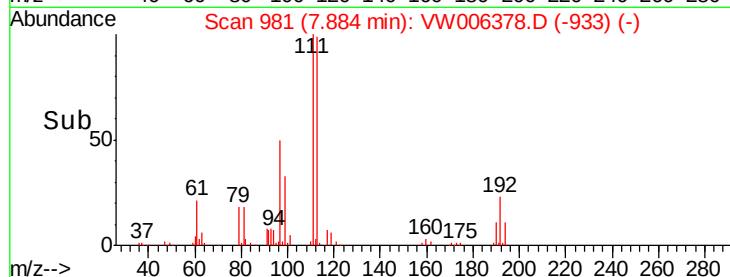
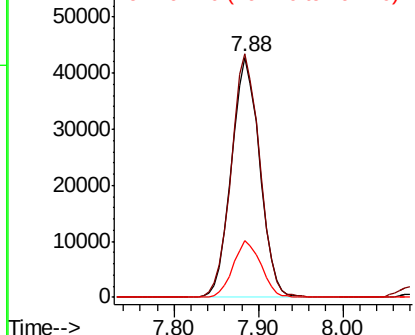
#35
 Dibromofluoromethane
 Concen: 49.450 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tot Ion:113 Resp: 97098
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.2 18.7 28.1

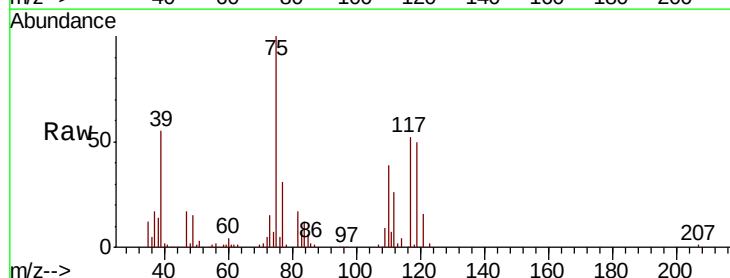


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

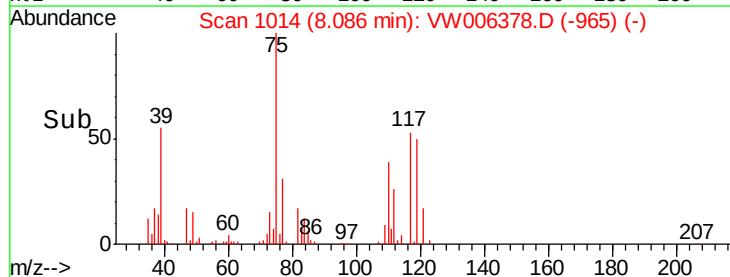
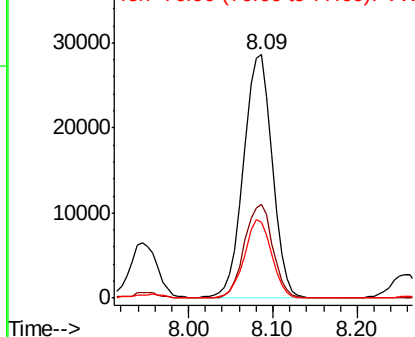


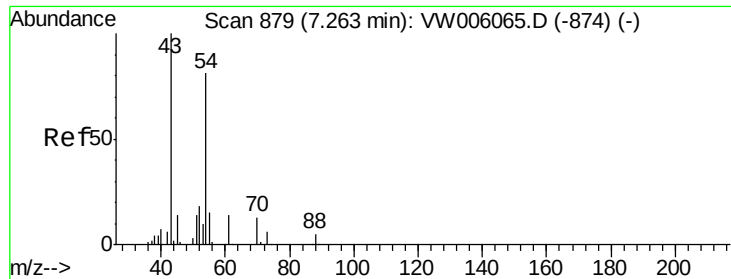
#36
 1,1-Dichloropropene
 Concen: 21.660 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 75 Resp: 66343
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.1 57.1
 77 30.7 25.0 37.4



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

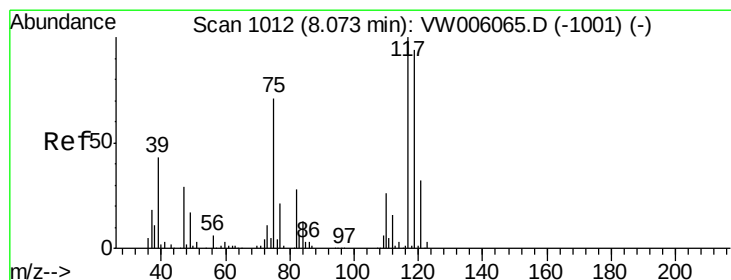
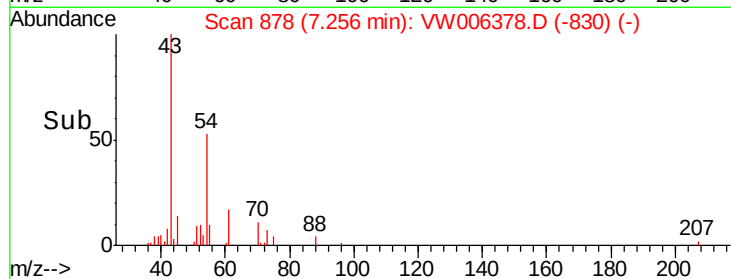
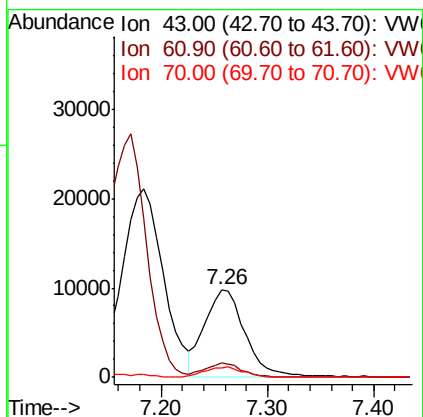
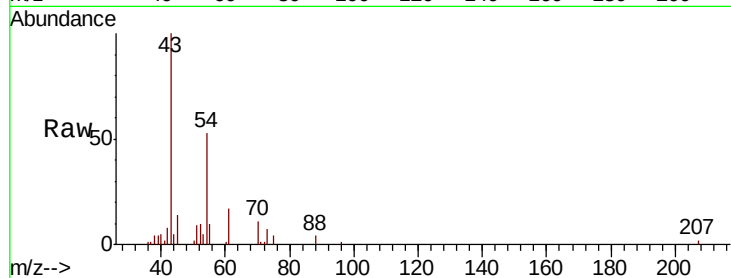




#37
Ethyl Acetate
Concen: 22.951 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

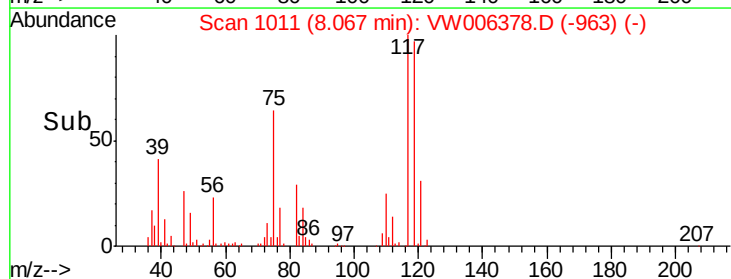
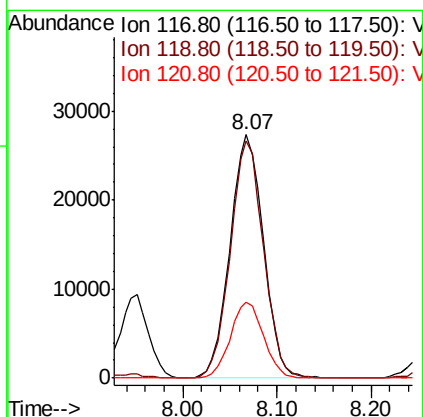
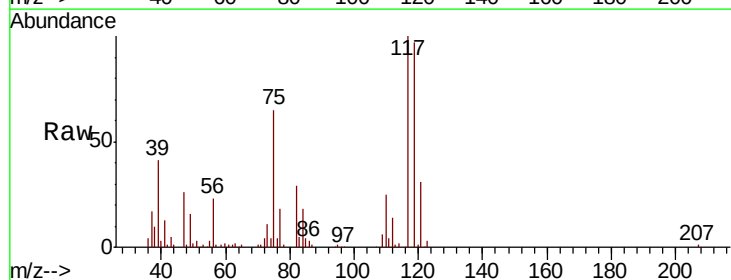
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

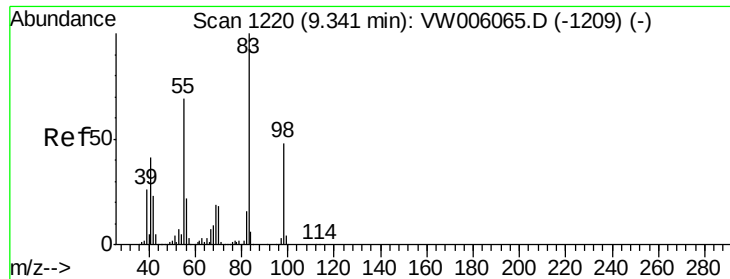
Tot Ion: 43 Resp: 26118
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.066 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 117 Resp: 67375
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8
121 31.2 25.3 37.9

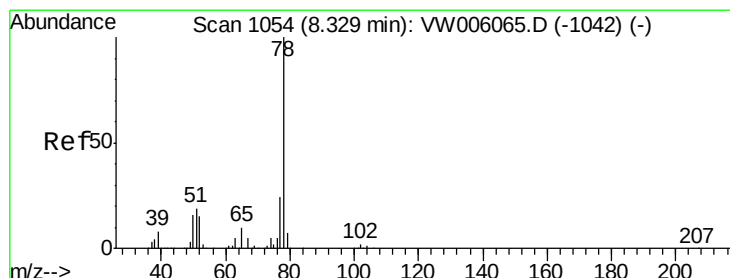
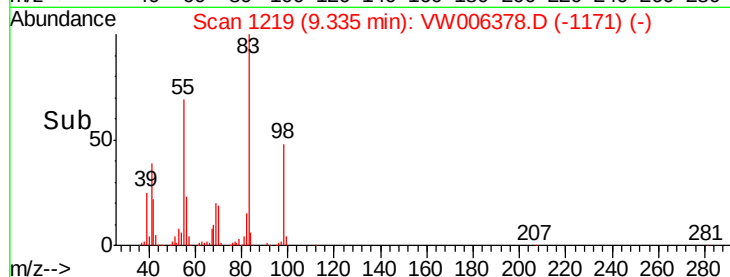
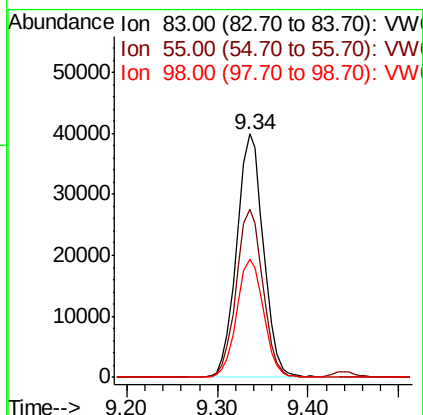
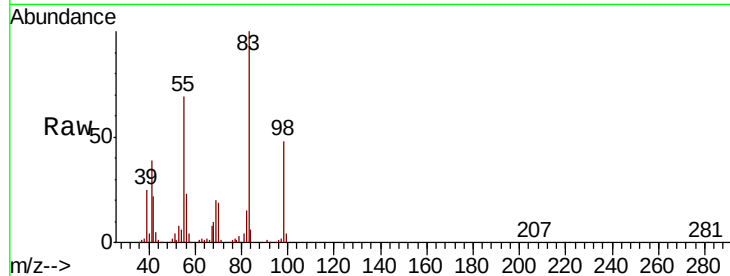




#39
Methylvlcyclohexane
Concen: 20.061 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

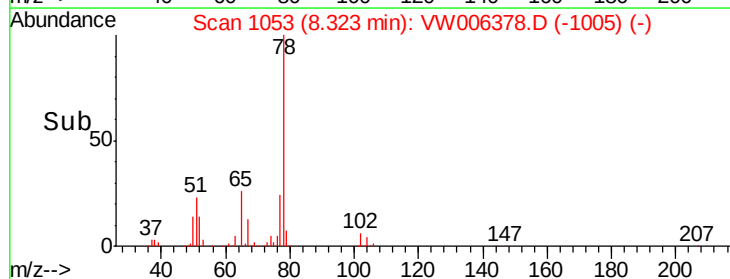
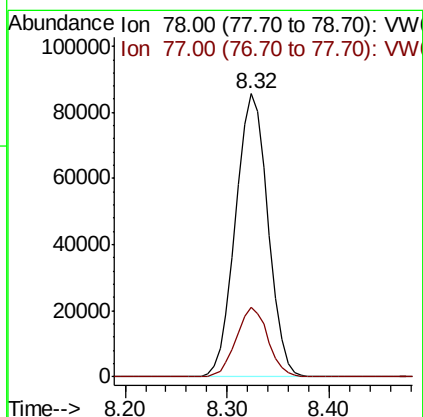
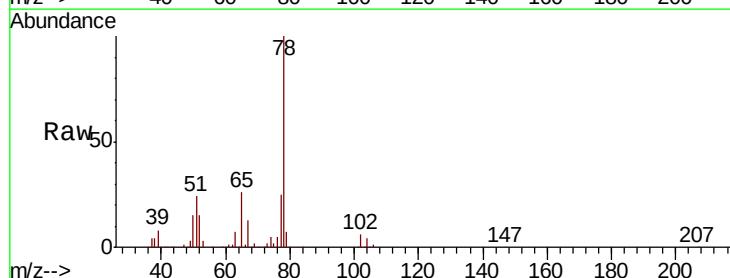
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

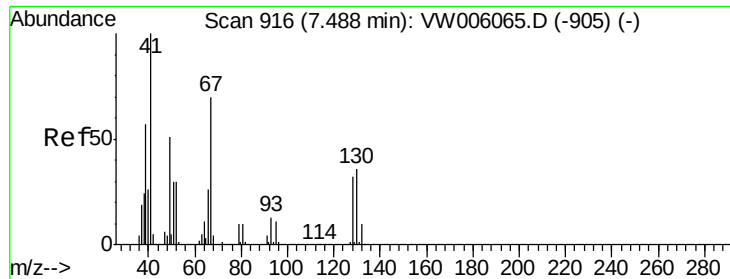
Tot Ion: 83 Resp: 81676
Ion Ratio Lower Upper
83 100
55 69.1 55.0 82.6
98 48.5 38.6 57.8



#40
Benzene
Concen: 22.499 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 78 Resp: 189032
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

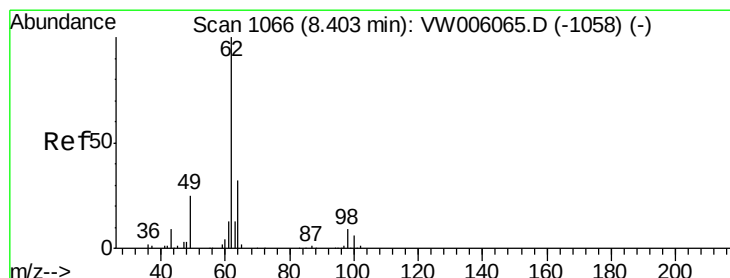
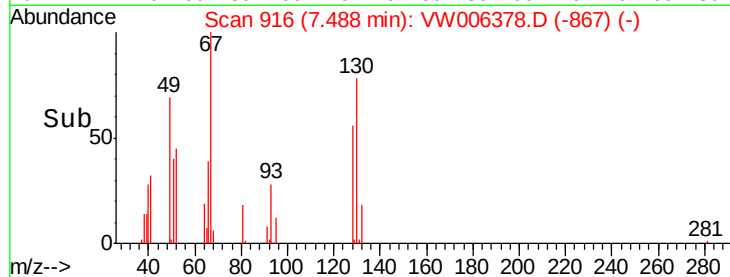
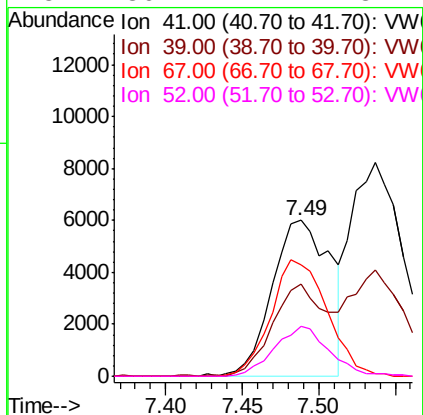
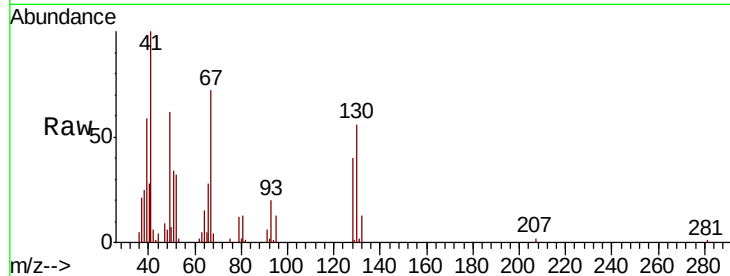




#41
Methacrylonitrile
Concen: 23.251 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

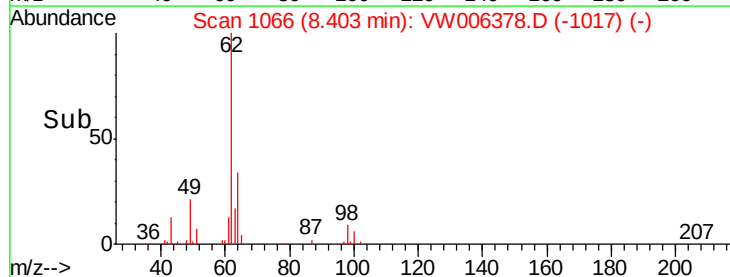
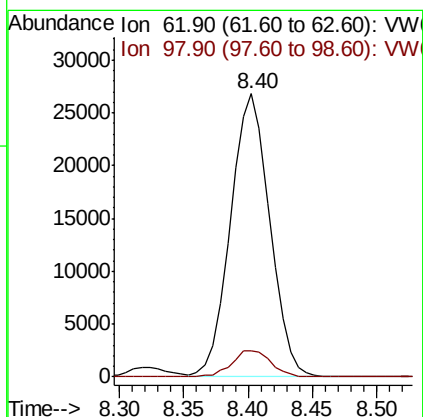
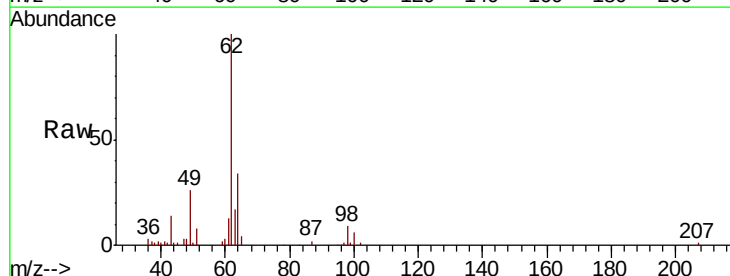
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

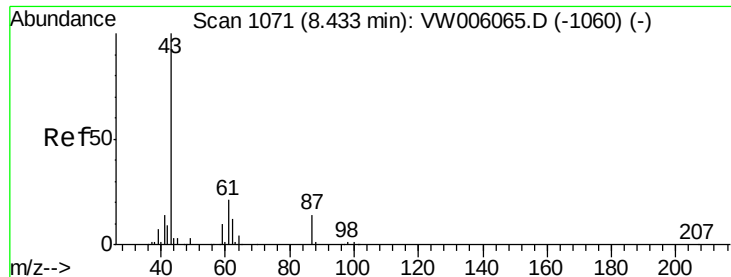
Tot Ion:	41	Resp:	15951
Ion	Ratio	Lower	Upper
41	100		
39	50.9	46.2	69.4
67	72.2	57.7	86.5
52	30.2	24.7	37.1



#42
1,2-Dichloroethane
Concen: 22.976 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:	62	Resp:	56715
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.293 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

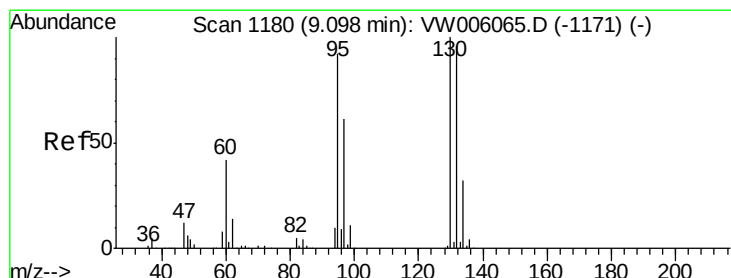
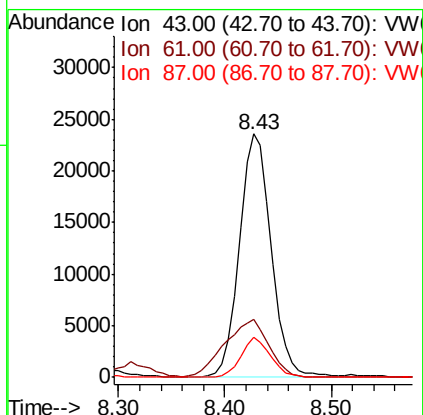
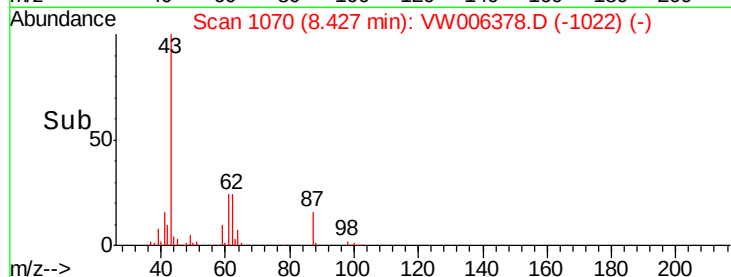
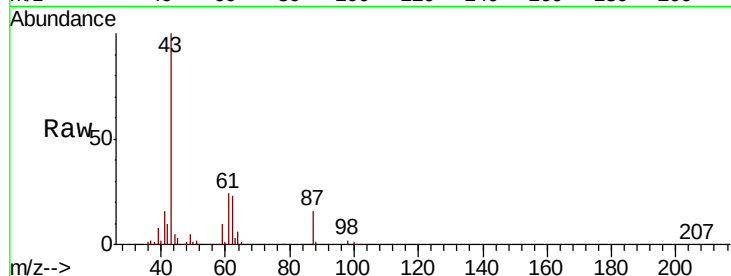
Tot Ion: 43 Resp: 49545

Ion Ratio Lower Upper

43 100

61 32.6 25.5 38.3

87 15.2 11.7 17.5



#44

Trichloroethene

Concen: 22.491 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006378.D

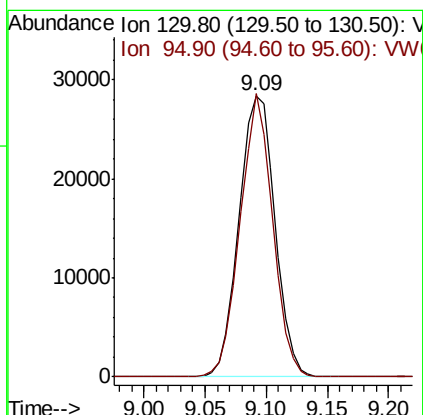
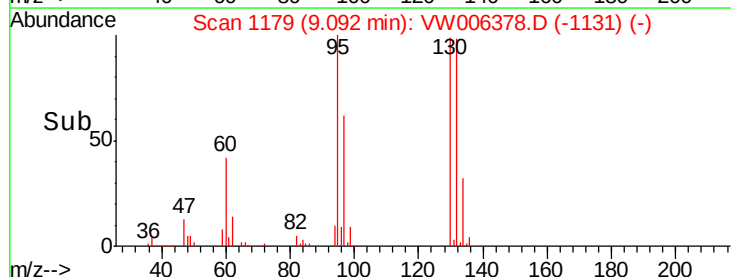
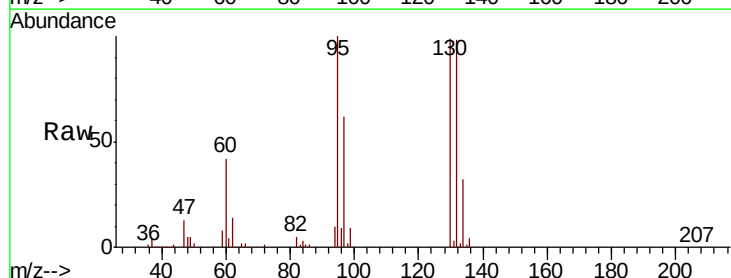
Acq: 26 Oct 2018 00:25

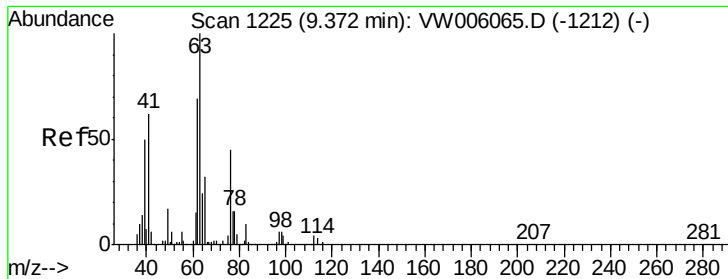
Tgt Ion: 130 Resp: 57975

Ion Ratio Lower Upper

130 100

95 100.8 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.566 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

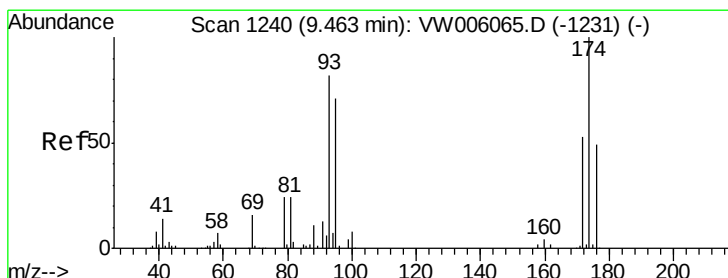
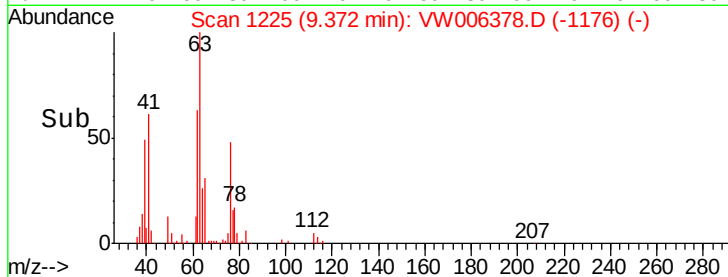
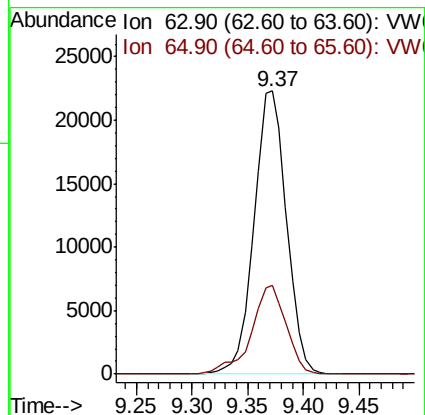
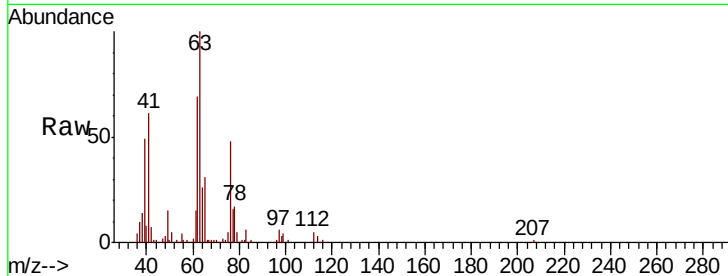
VW1027SBS01

Tot Ion: 63 Resp: 45370

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 23.134 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

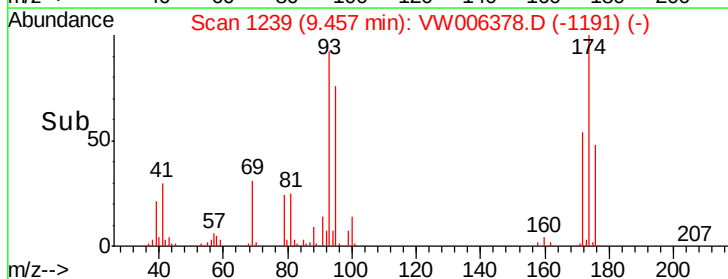
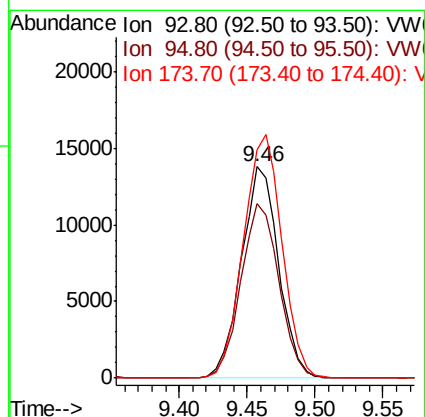
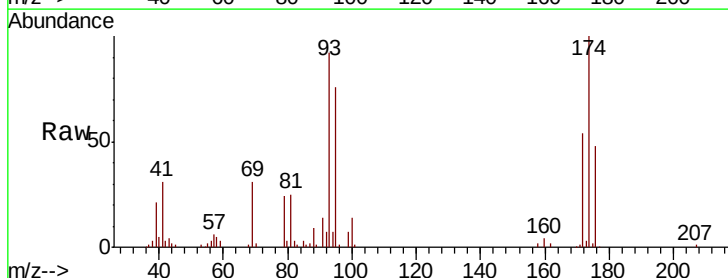
Tgt Ion: 93 Resp: 26509

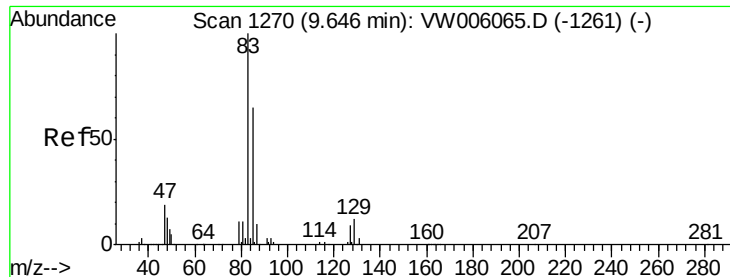
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 119.3 93.7 140.5





#47

Bromodichloromethane

Concen: 21.666 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

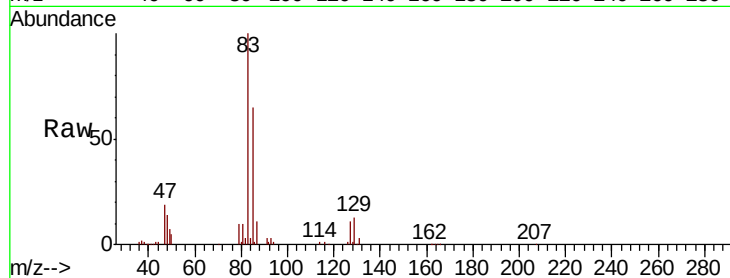
Tot Ion: 83 Resp: 60191

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.8

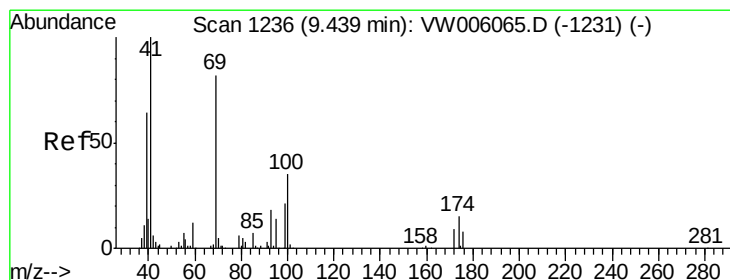
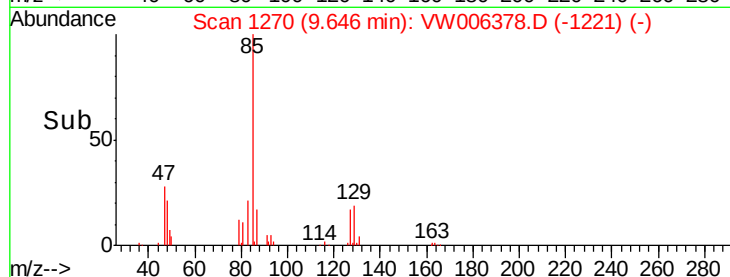
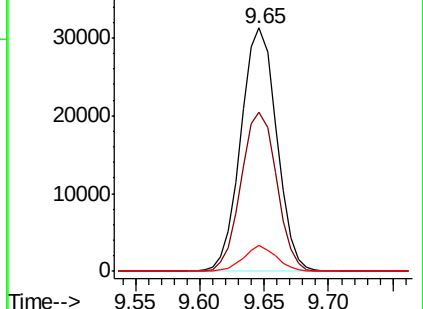
127 10.8 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.670 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

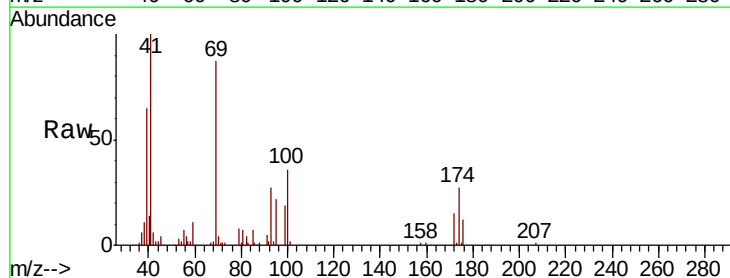
Tgt Ion: 41 Resp: 23901

Ion Ratio Lower Upper

41 100

69 94.6 71.8 107.8

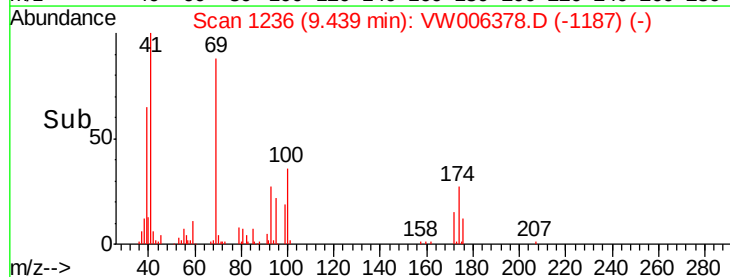
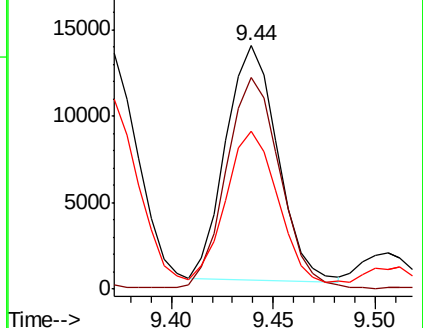
39 64.2 52.5 78.7

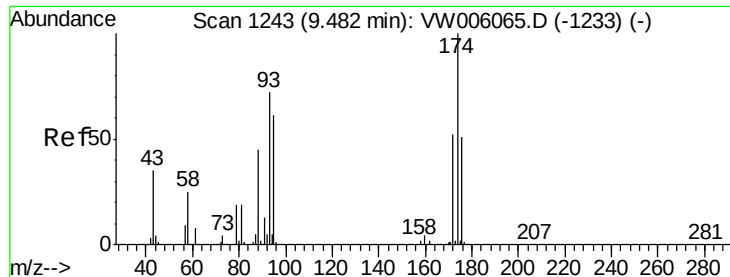


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

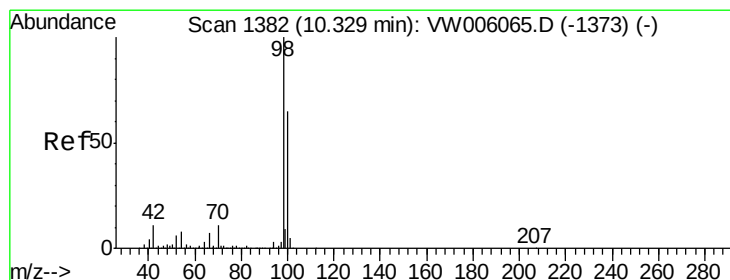
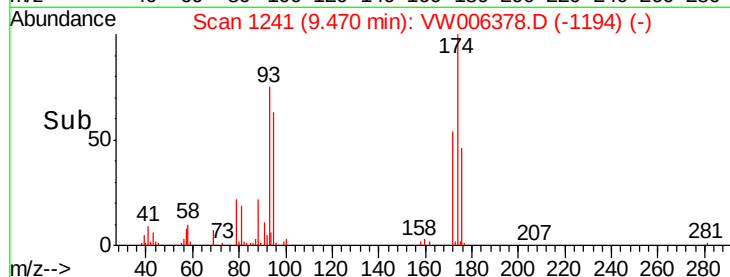
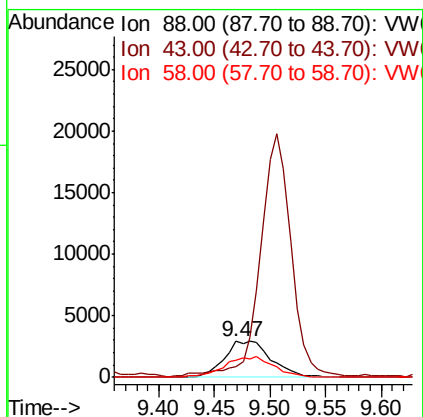
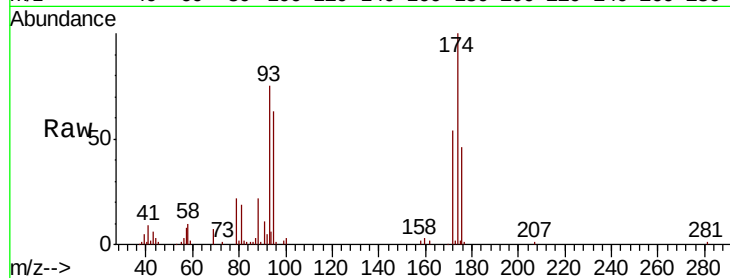




#49
1,4-Dioxane
Concen: 478.328 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

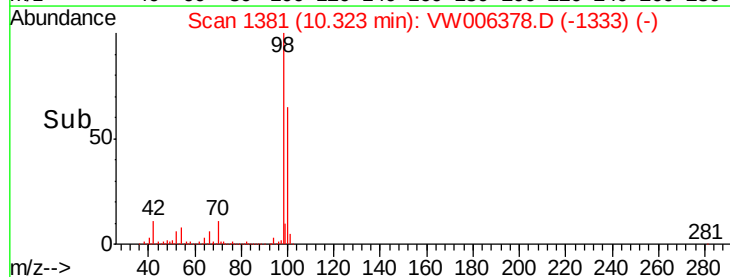
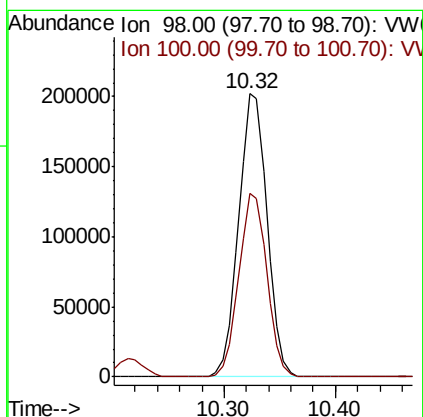
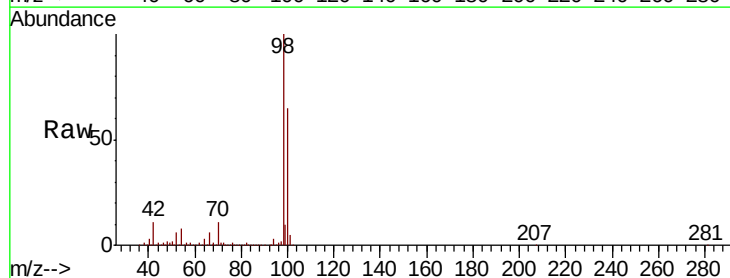
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

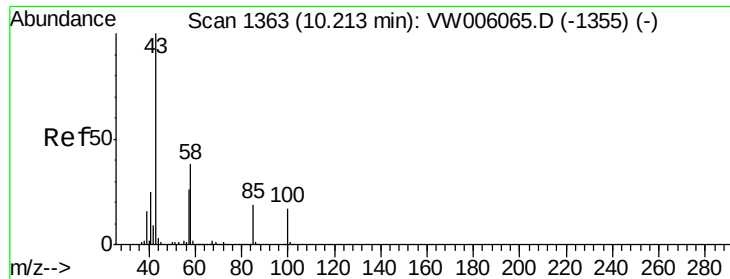
Tot Ion: 88 Resp: 8438
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 61.5 51.2 76.8



#50
Toluene-d8
Concen: 47.831 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 98 Resp: 357322
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 110.992 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

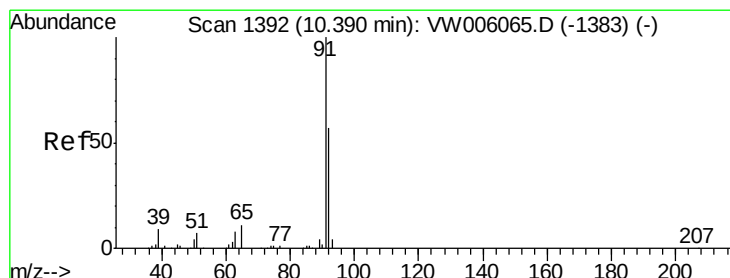
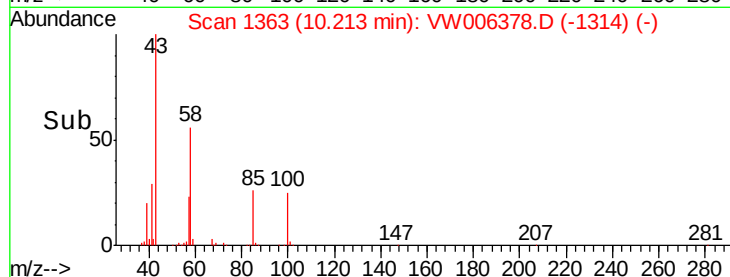
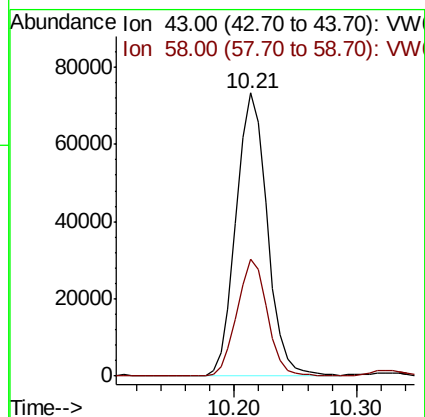
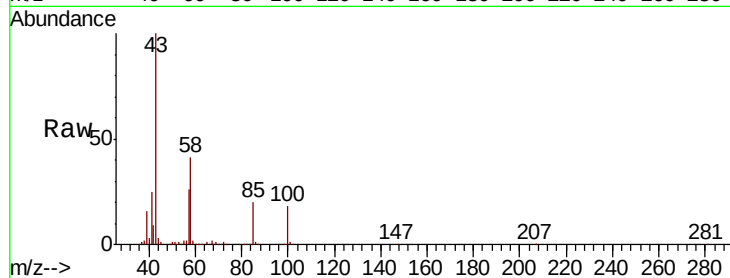
VW1027SBS01

Tot Ion: 43 Resp: 129396

Ion Ratio Lower Upper

43 100

58 40.2 31.5 47.3



#52

Toluene

Concen: 22.603 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006378.D

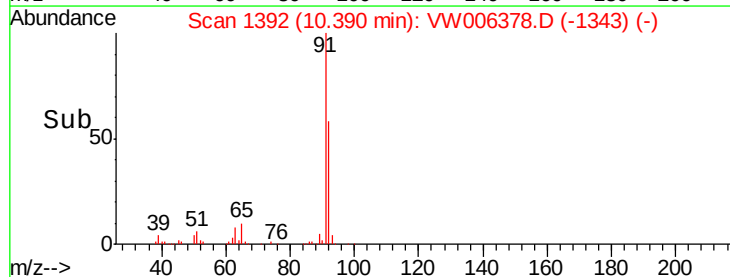
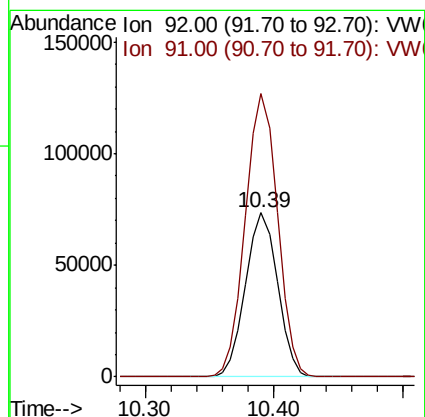
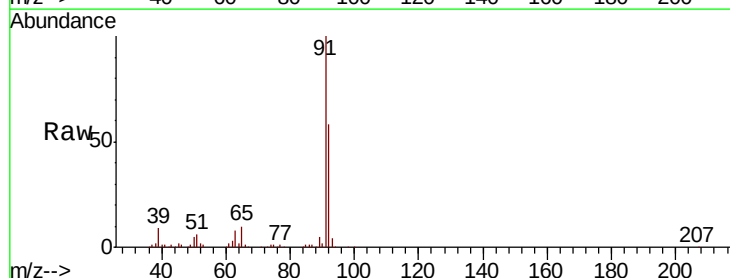
Acq: 26 Oct 2018 00:25

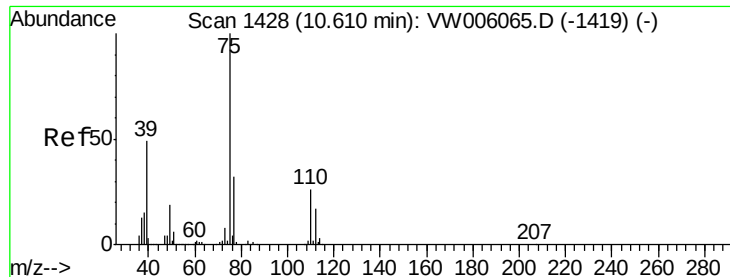
Tgt Ion: 92 Resp: 127316

Ion Ratio Lower Upper

92 100

91 172.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.119 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

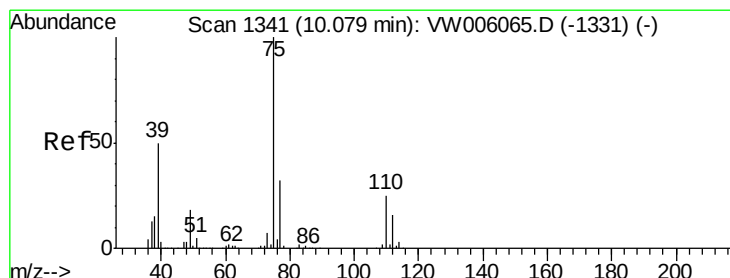
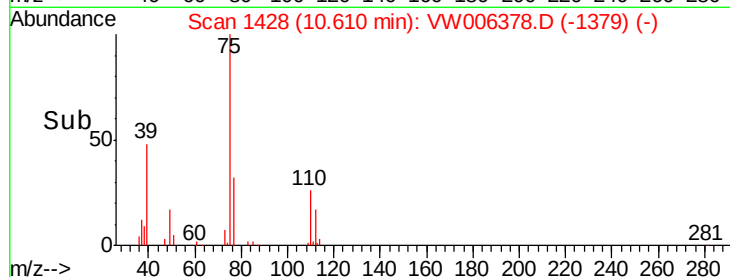
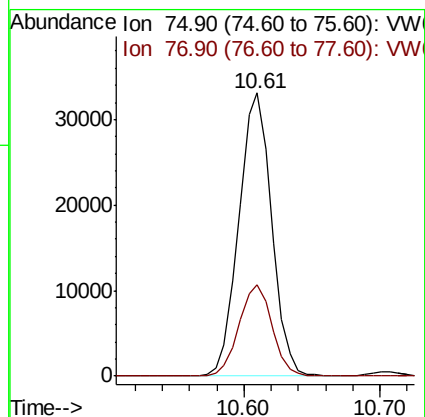
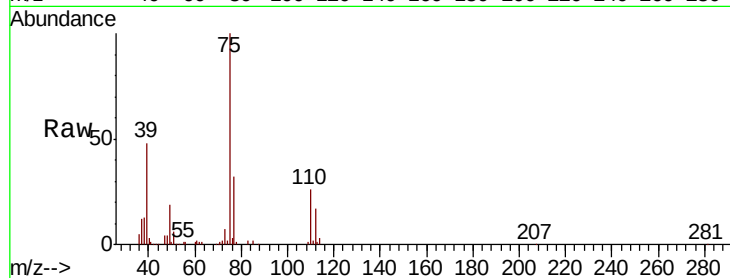
VW1027SBS01

Tot Ion: 75 Resp: 55689

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.949 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

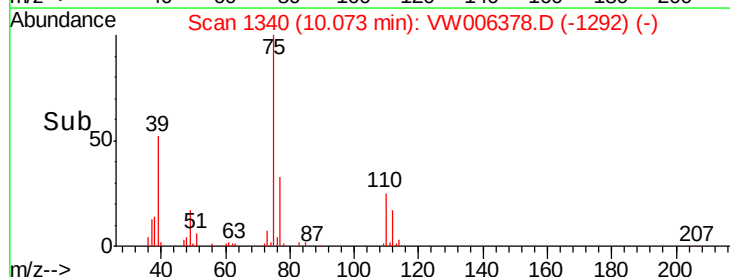
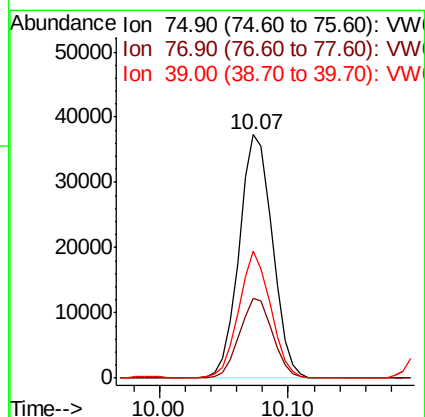
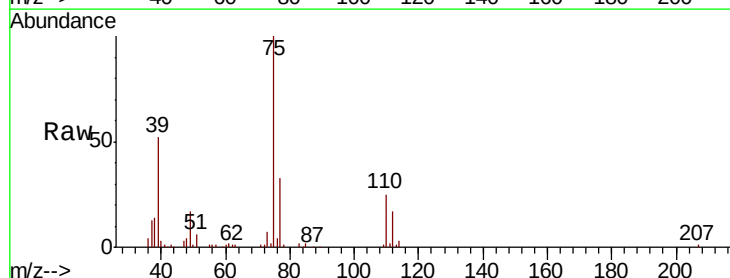
Tgt Ion: 75 Resp: 66551

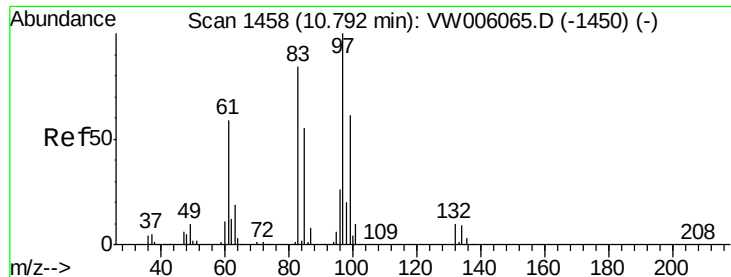
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 52.3 39.9 59.9

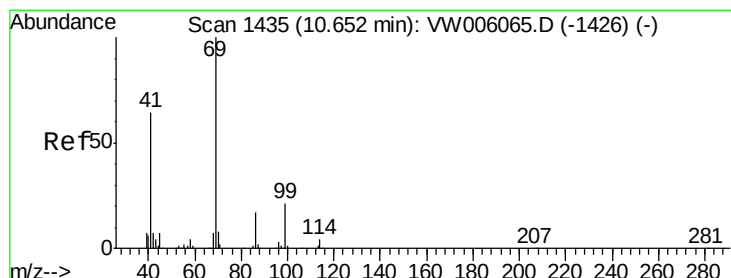
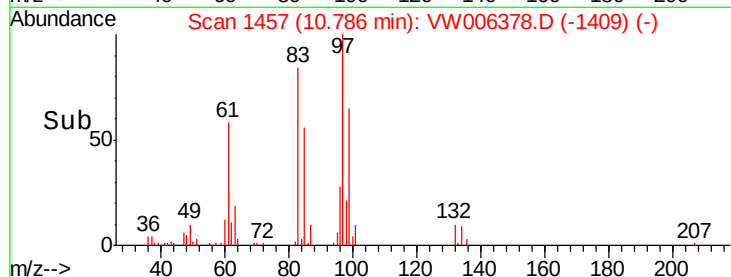
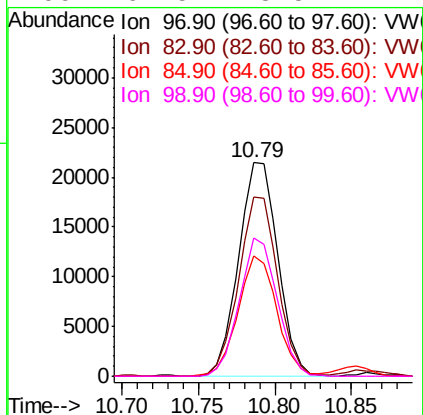
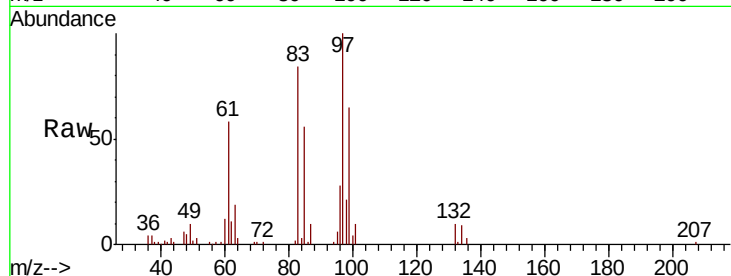




#55
 1,1,2-Trichloroethane
 Concen: 24.007 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

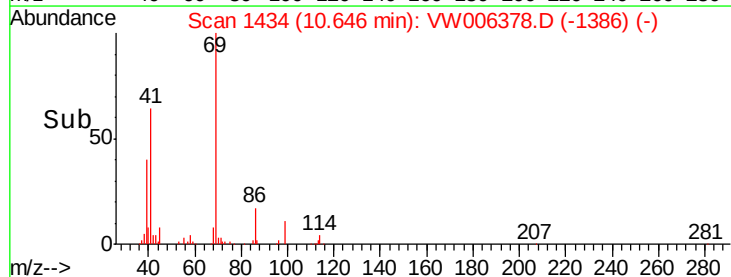
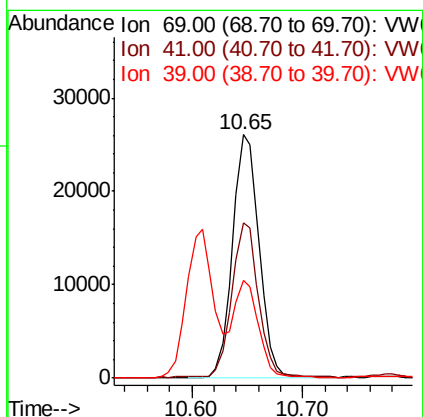
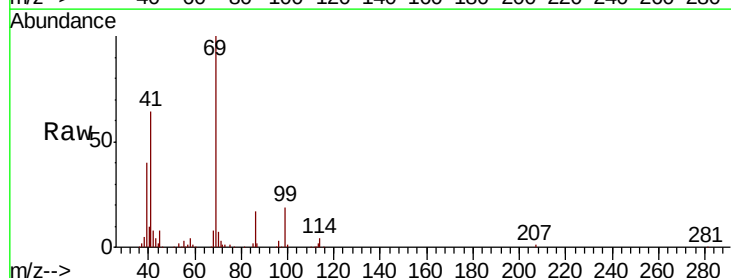
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

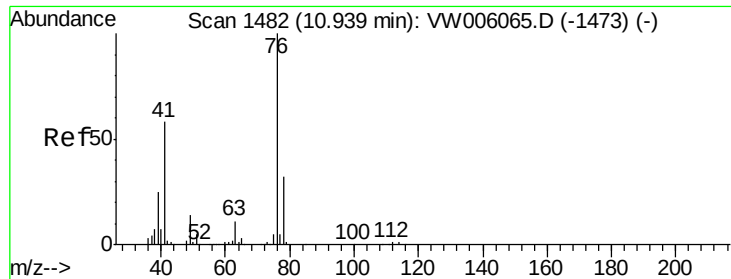
Tot Ion:	97	Resp:	38496
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	56.2	43.7	65.5
99	64.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 22.043 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion:	69	Resp:	43333
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.8	79.2
39	39.0	30.6	45.8

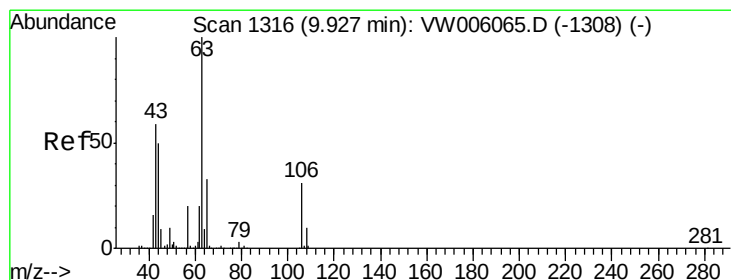
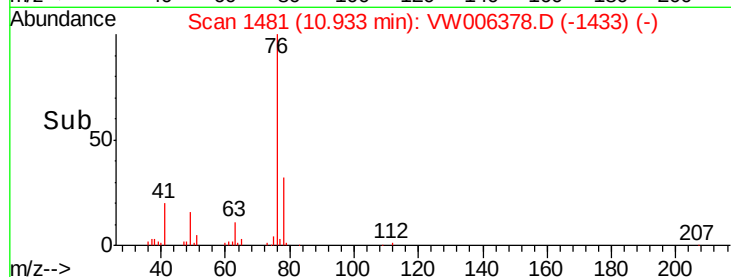
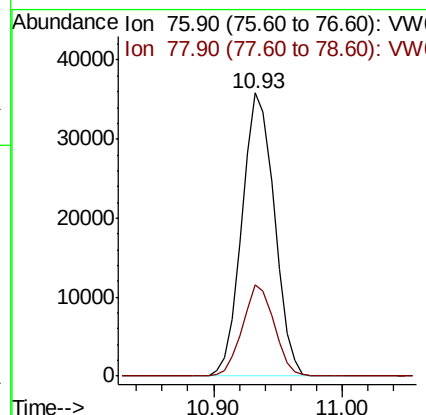
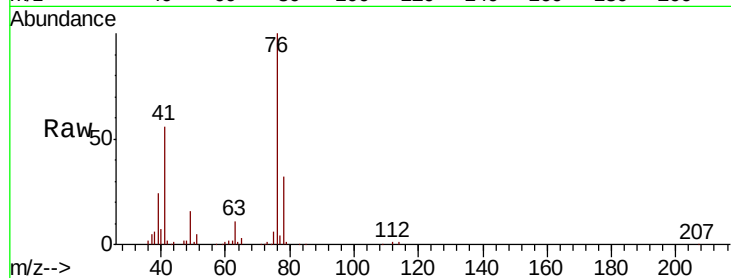




#57
 1,3-Dichloropropane
 Concen: 23.535 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

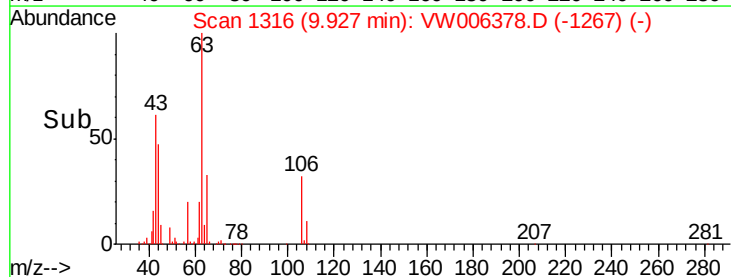
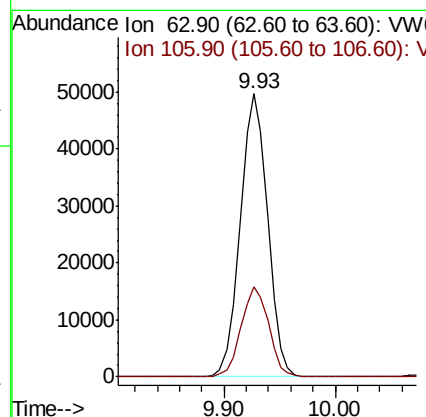
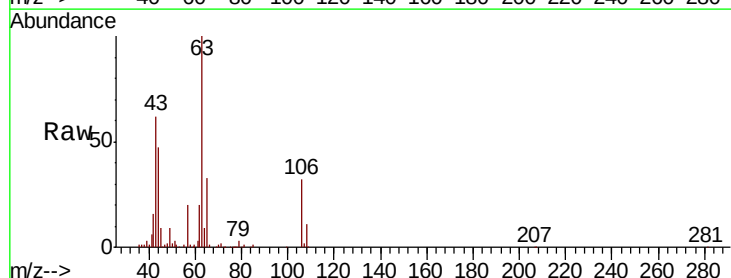
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

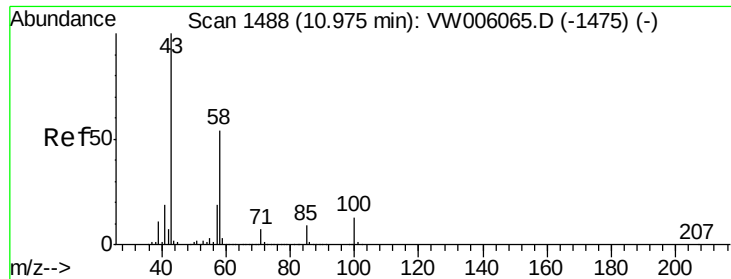
Tot Ion: 76 Resp: 62474
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.330 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 63 Resp: 84378
 Ion Ratio Lower Upper
 63 100
 106 31.9 24.5 36.7

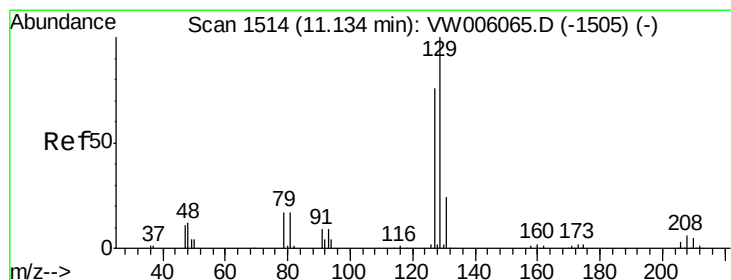
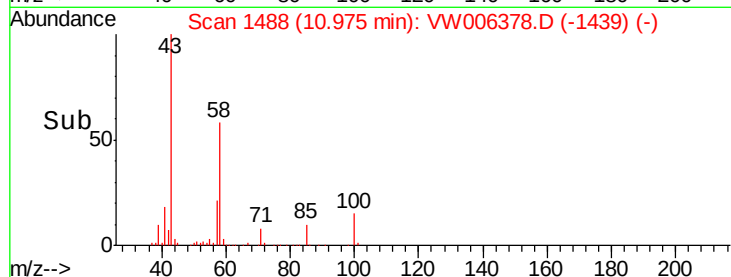
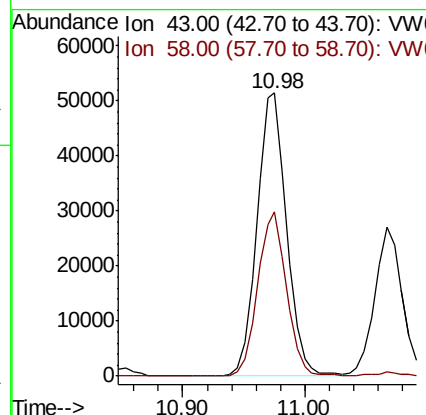
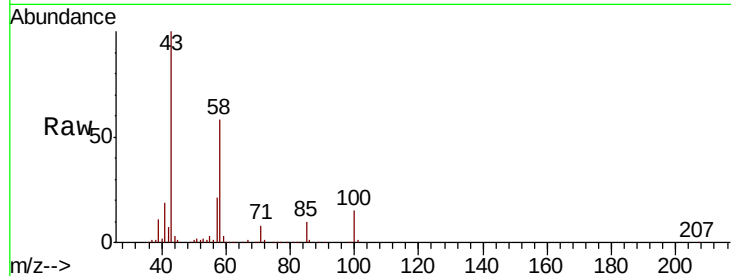




#59
2-Hexanone
Concen: 104.301 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

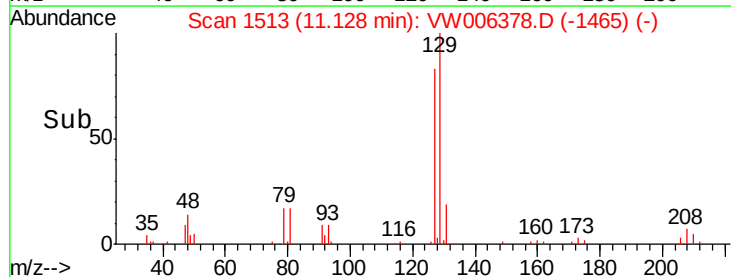
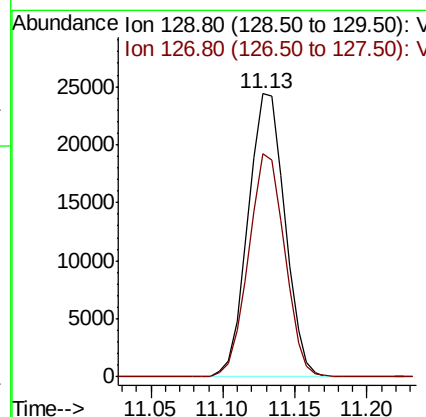
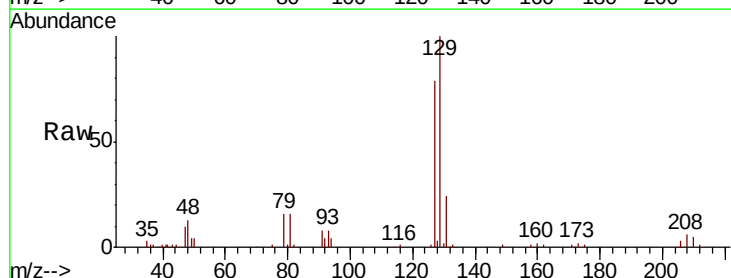
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

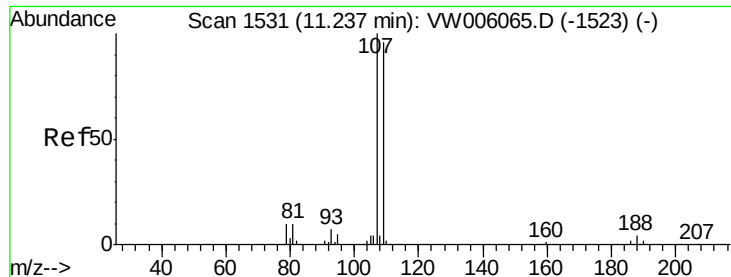
Tot Ion: 43 Resp: 86799
Ion Ratio Lower Upper
43 100
58 56.3 26.9 80.6



#60
Dibromochloromethane
Concen: 21.634 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 129 Resp: 43211
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 23.118 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

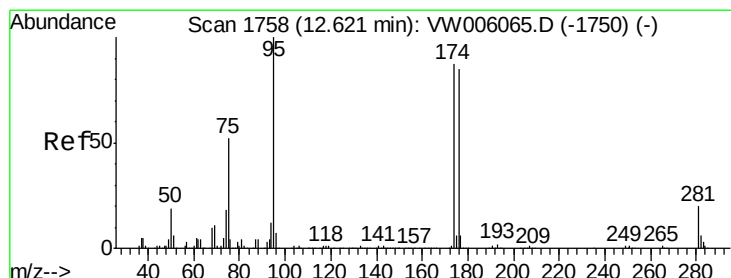
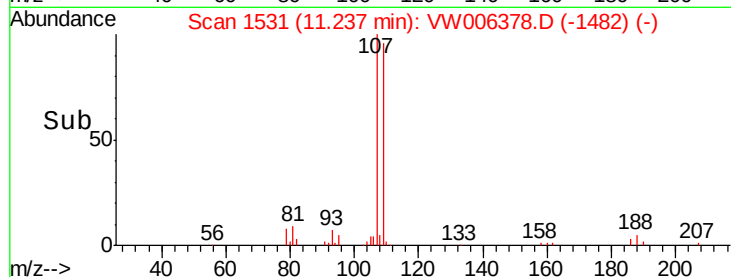
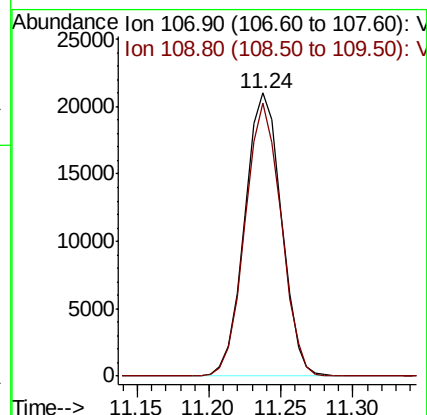
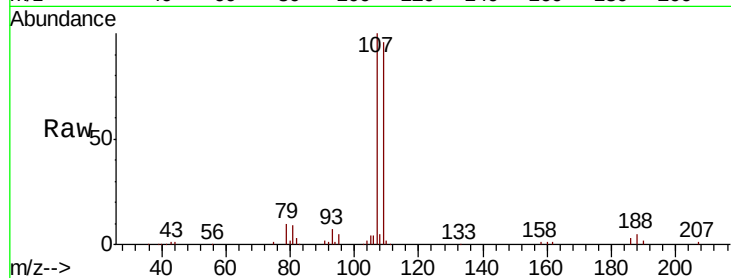
VW1027SBS01

Tot Ion:107 Resp: 37041

Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

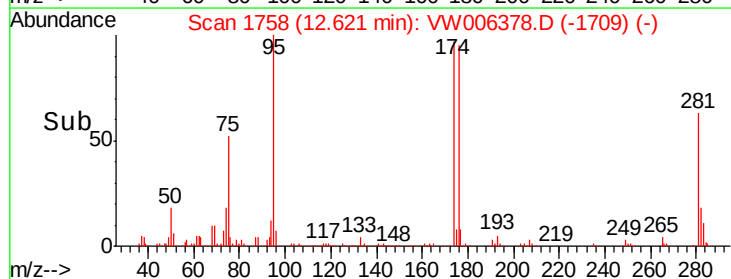
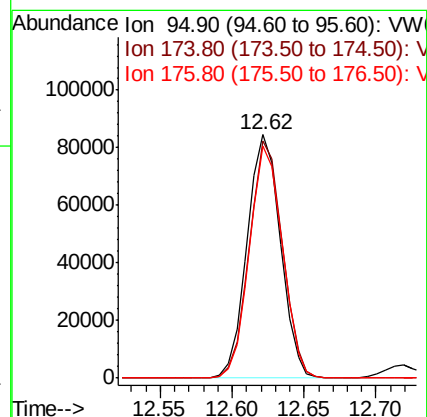
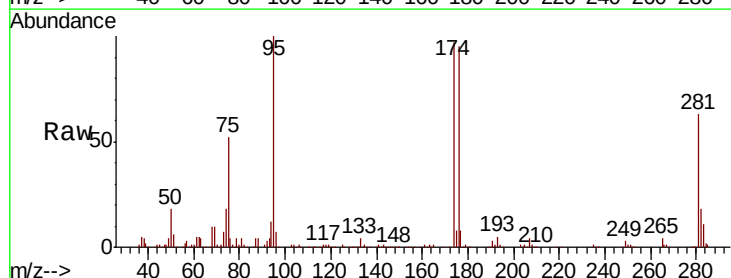
Tgt Ion: 95 Resp: 135391

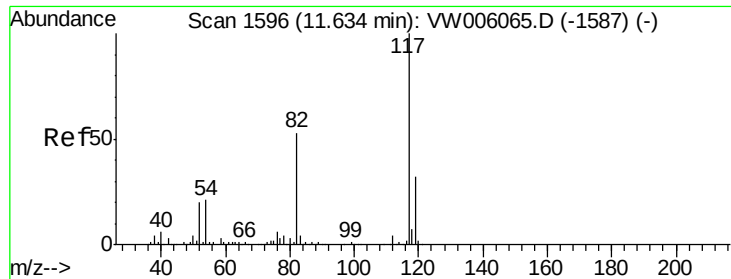
Ion Ratio Lower Upper

95 100

174 96.6 0.0 186.0

176 94.2 0.0 181.6

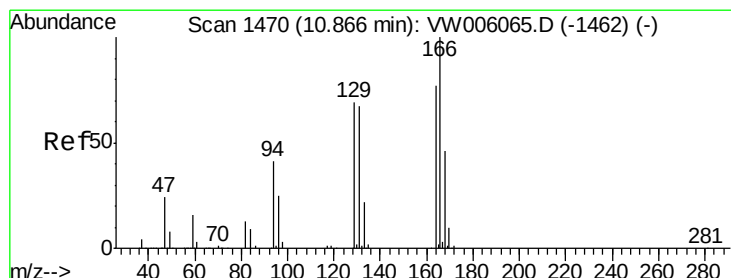
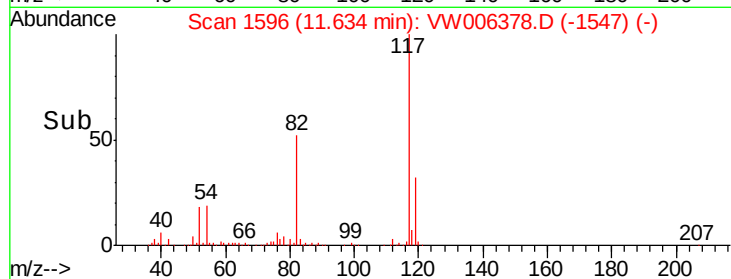
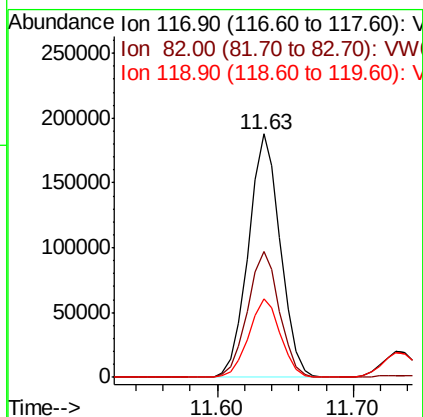
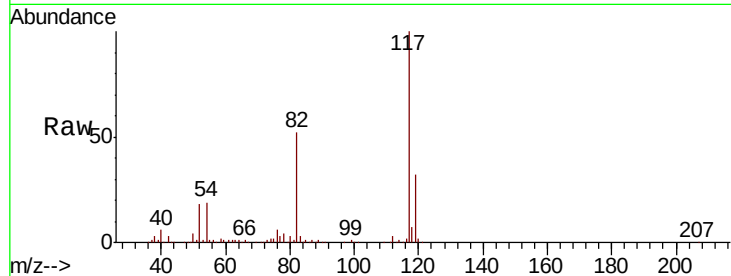




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

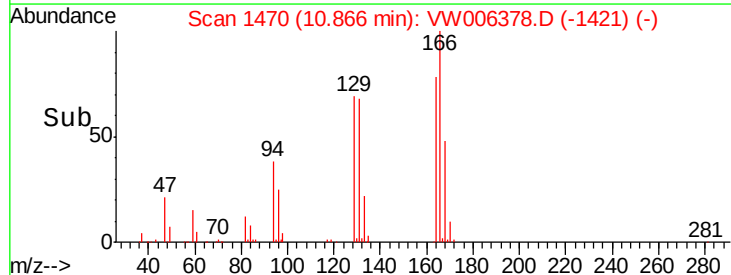
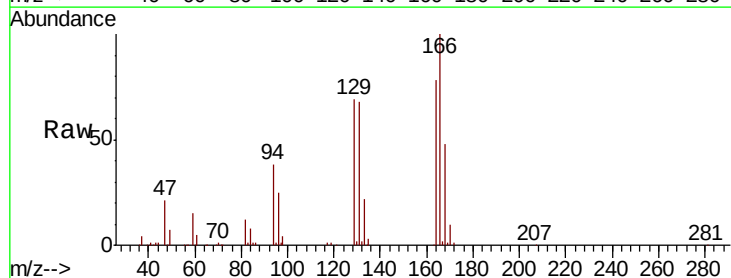
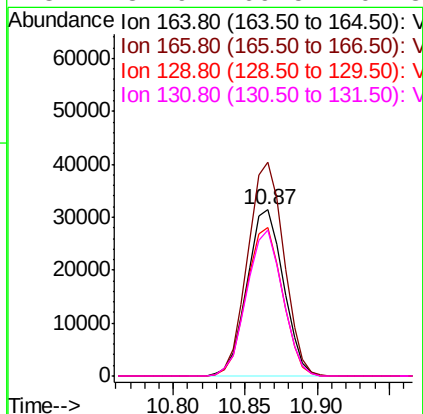
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

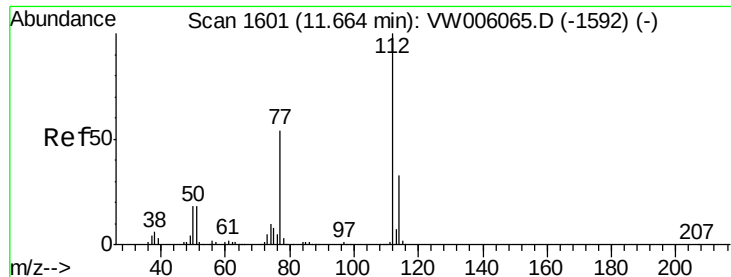
Tot Ion:117 Resp: 307411
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 22.960 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:164 Resp: 54793
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.0
129 89.5 71.8 107.8
131 87.9 69.5 104.3





#65

Chlorobenzene

Concen: 22.790 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

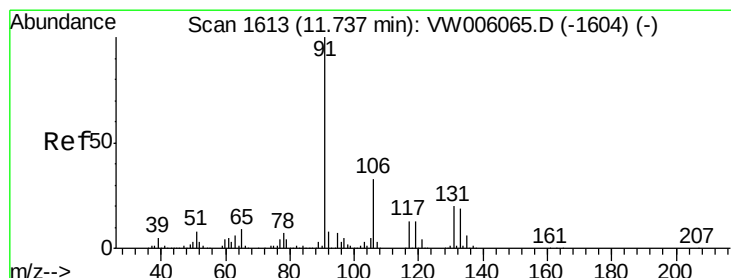
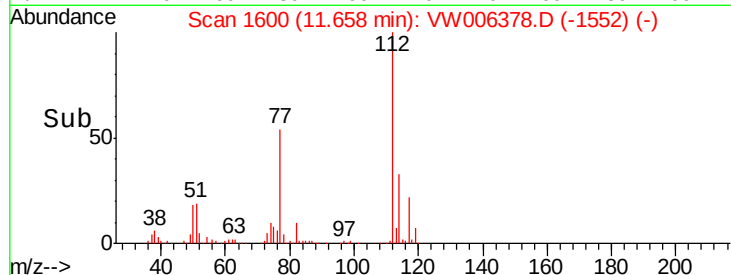
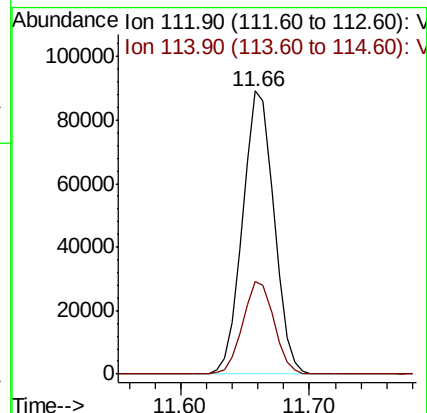
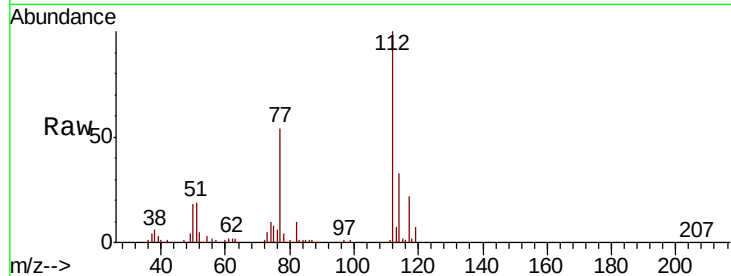
VW1027SBS01

Tot Ion:112 Resp: 149976

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.829 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

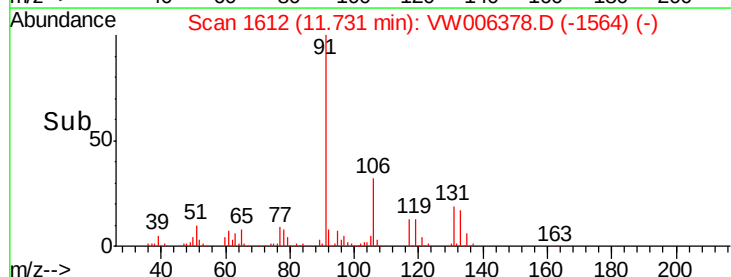
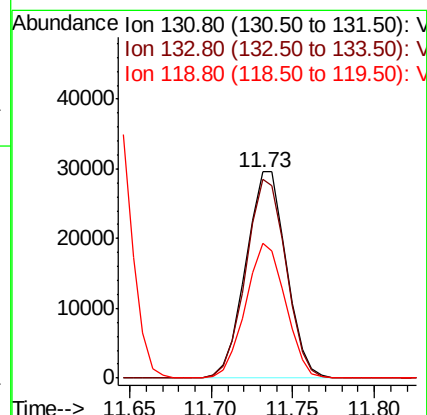
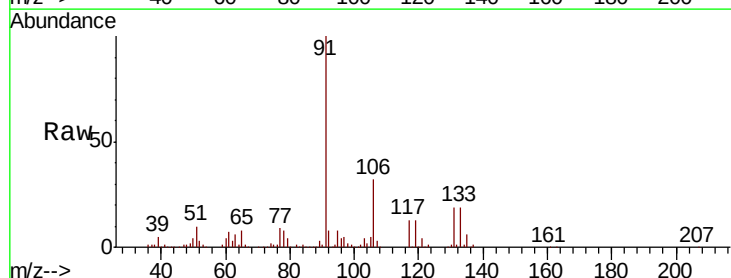
Tgt Ion:131 Resp: 51051

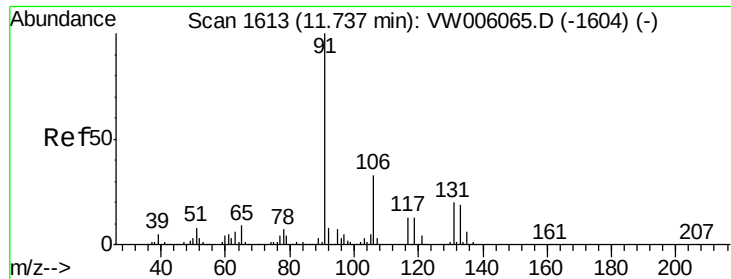
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.3

119 64.7 31.6 94.7

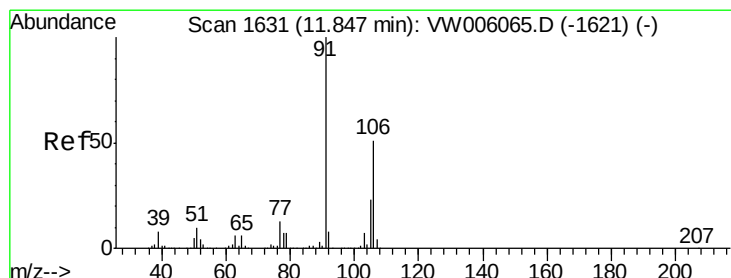
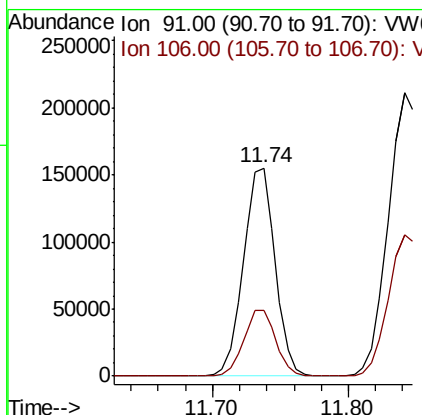
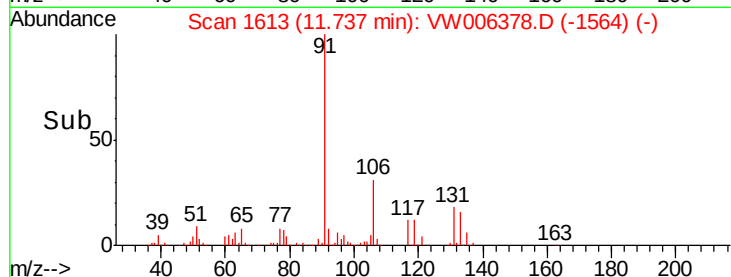
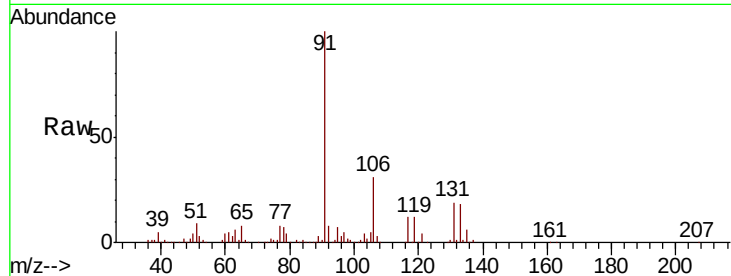




#67
Ethyl Benzene
Concen: 22.152 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

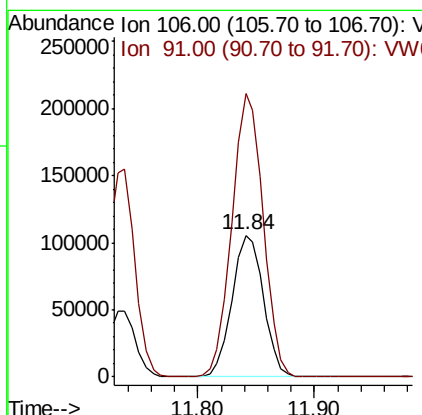
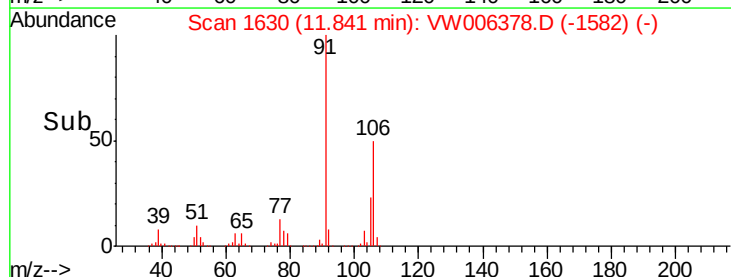
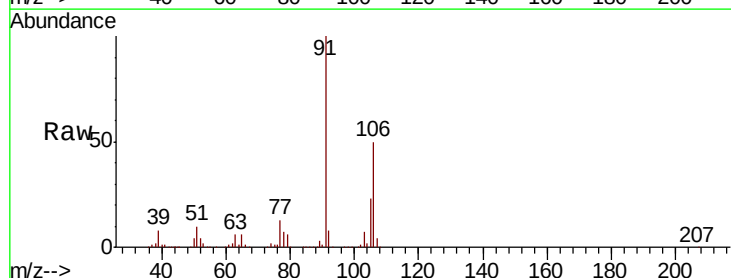
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

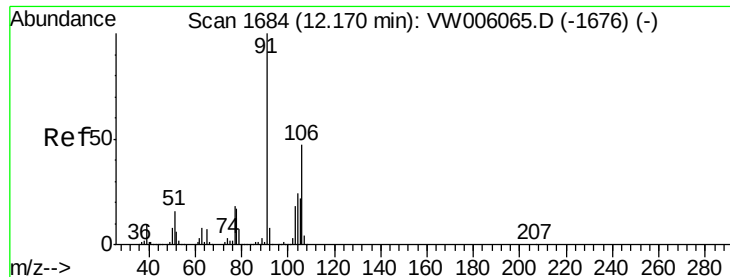
Tot Ion: 91 Resp: 252631
Ion Ratio Lower Upper
91 100
106 31.3 26.1 39.1



#68
m/p-Xylenes
Concen: 43.947 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 106 Resp: 198100
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7

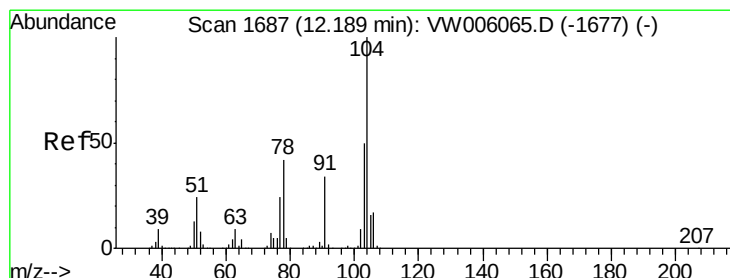
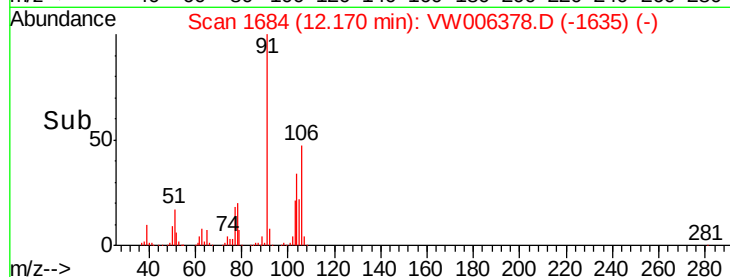
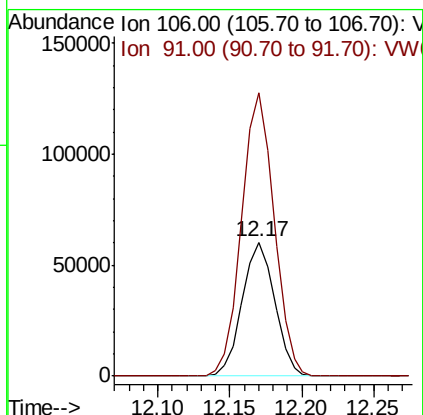
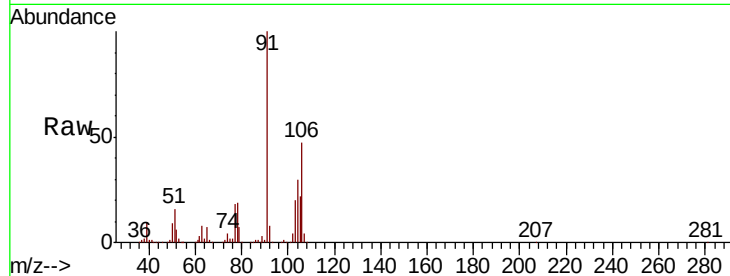




#69
o-Xylene
Concen: 22.071 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

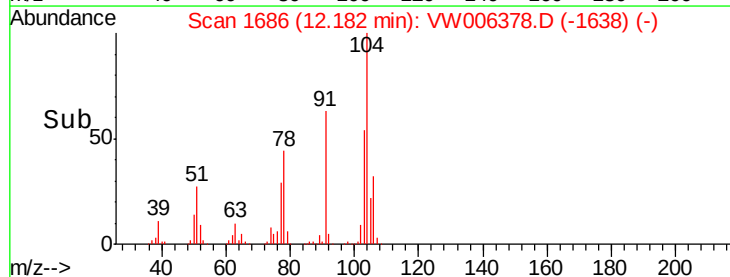
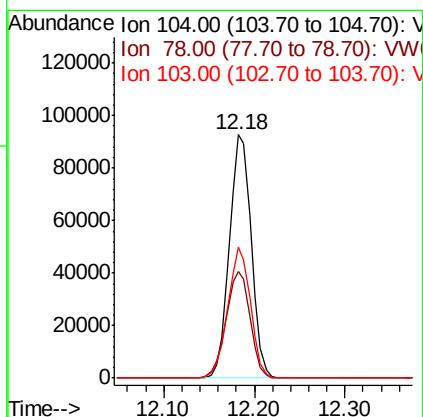
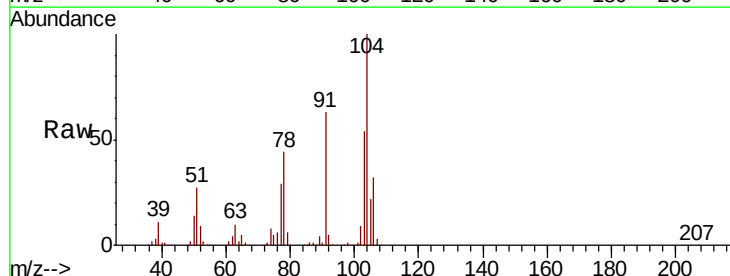
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

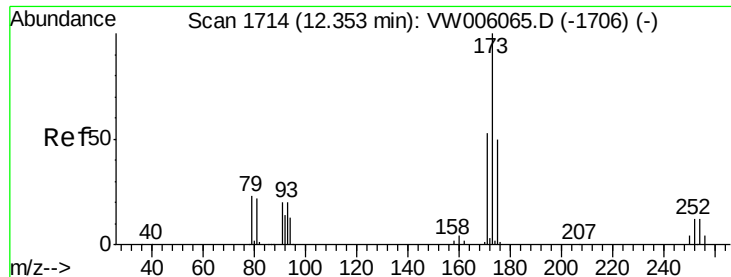
Tot Ion:106 Resp: 94815
Ion Ratio Lower Upper
106 100
91 210.6 105.4 316.1



#70
Styrene
Concen: 22.220 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:104 Resp: 155226
Ion Ratio Lower Upper
104 100
78 48.0 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 20.257 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

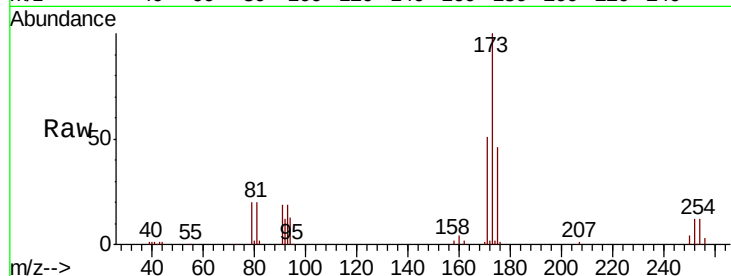
Tot Ion:173 Resp: 26424

Ion Ratio Lower Upper

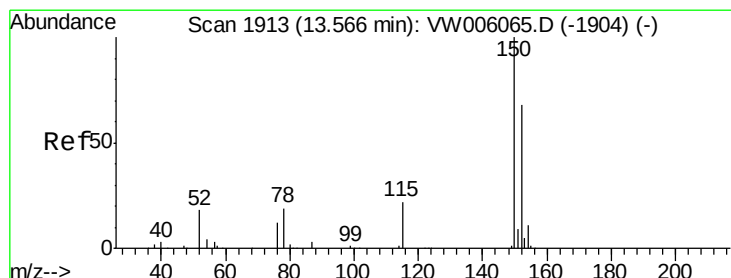
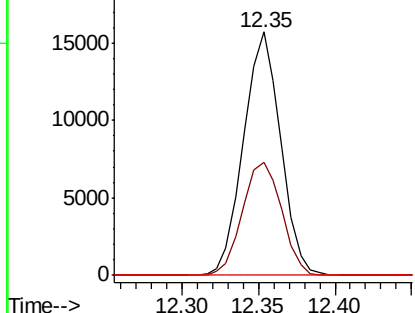
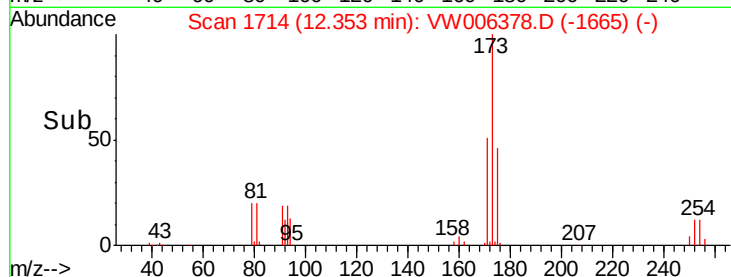
173 100

175 49.1 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

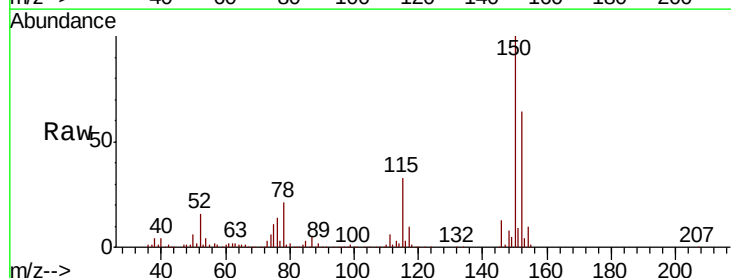
Tgt Ion:152 Resp: 171926

Ion Ratio Lower Upper

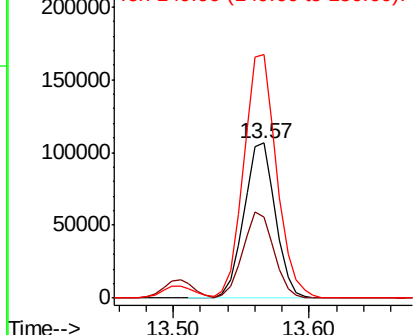
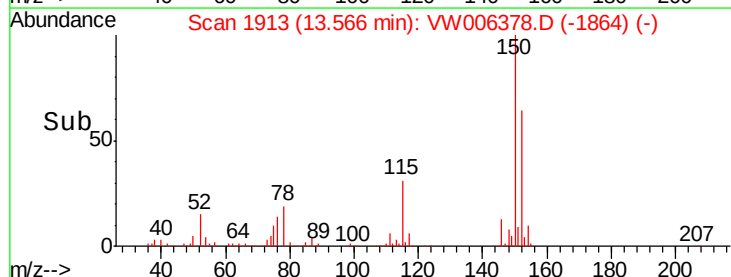
152 100

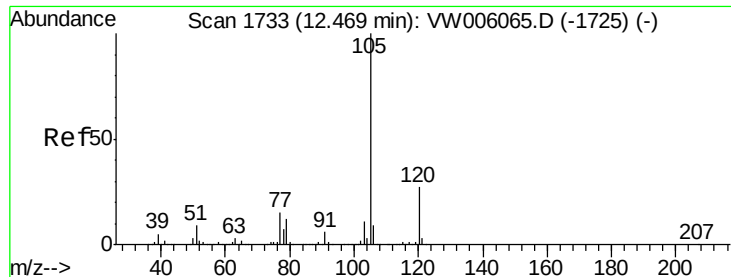
115 54.5 27.8 83.3

150 164.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.557 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

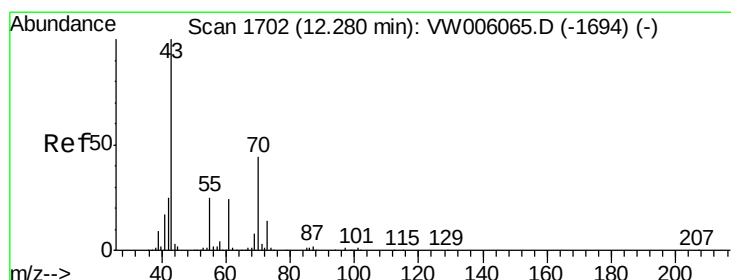
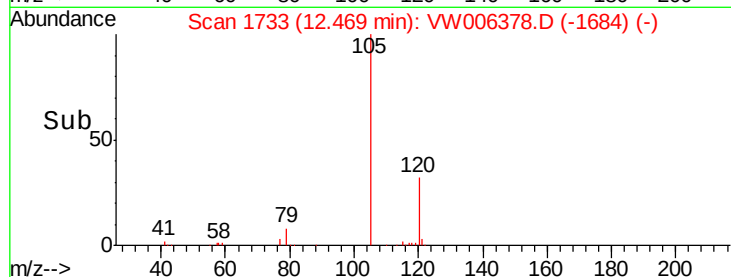
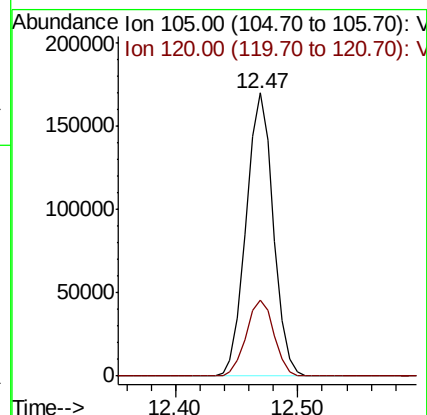
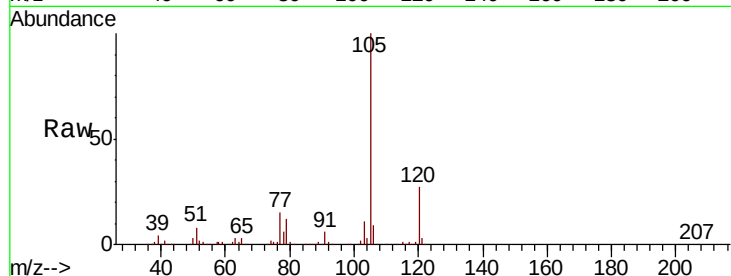
VW1027SBS01

Tot Ion:105 Resp: 261834

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 19.967 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Tgt Ion: 43 Resp: 47103

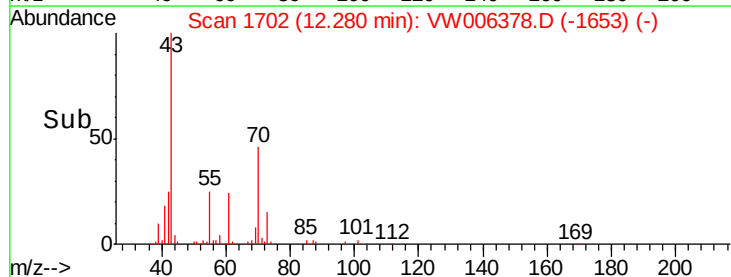
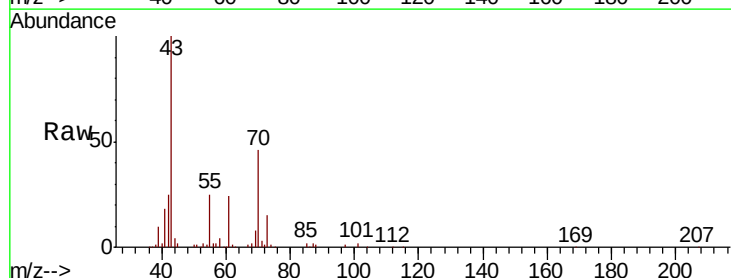
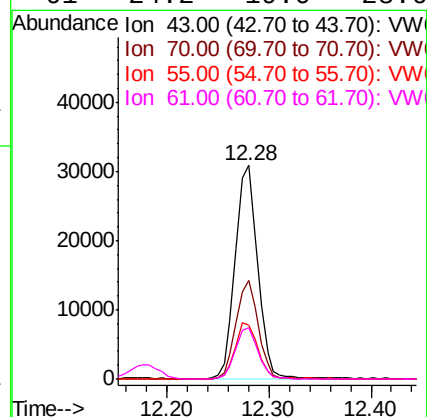
Ion Ratio Lower Upper

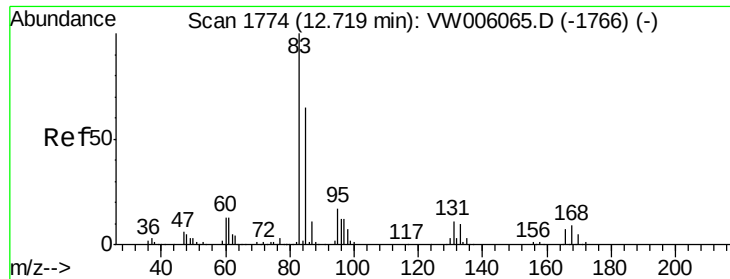
43 100

70 45.7 34.2 51.4

55 26.6 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.128 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

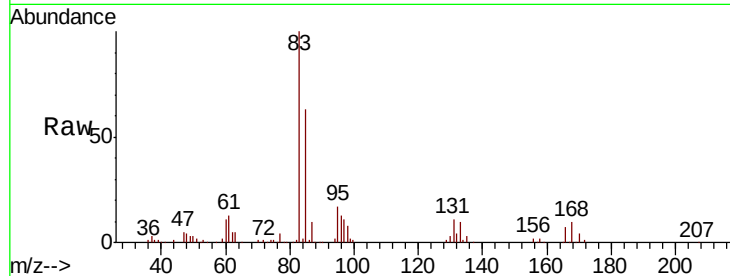
MSVOA_W

ClientSampleId :

VW1027SBS01

Tot Ion: 83 Resp: 42726

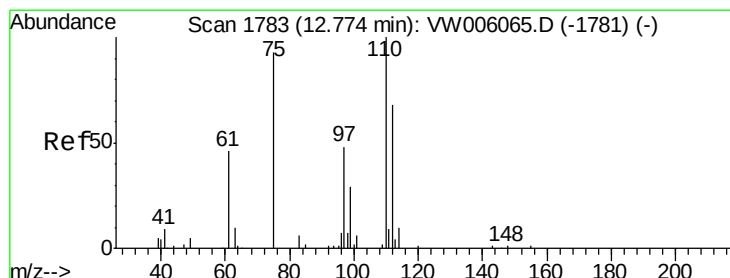
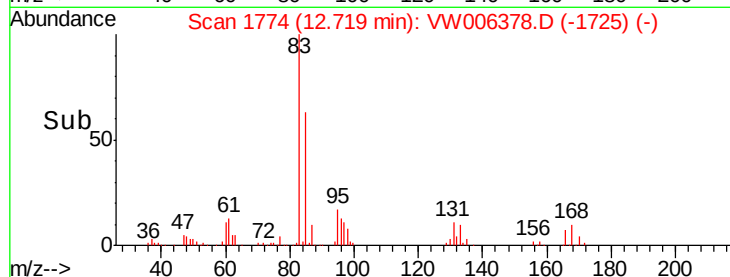
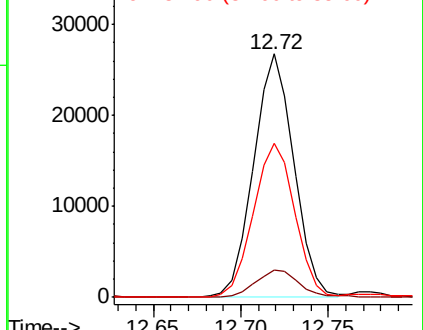
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.9	17.7
85	64.9	31.9	95.9



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: 40.460 ug/l

RT: 12.77 min Scan# 1783

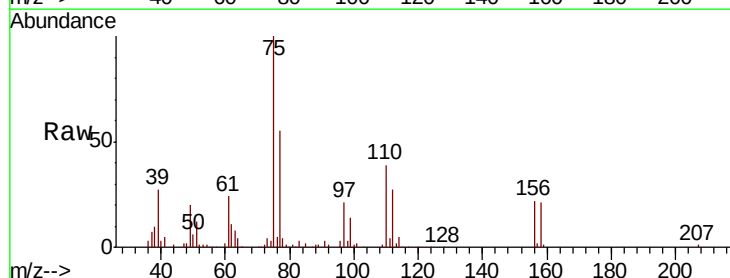
Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

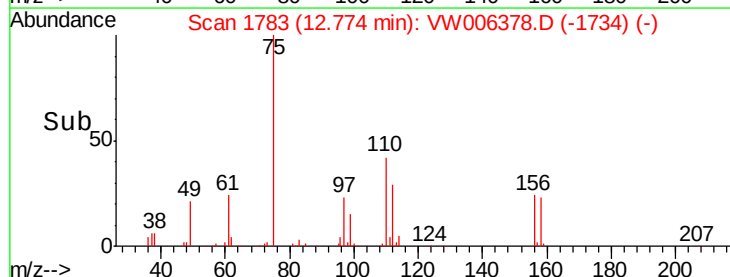
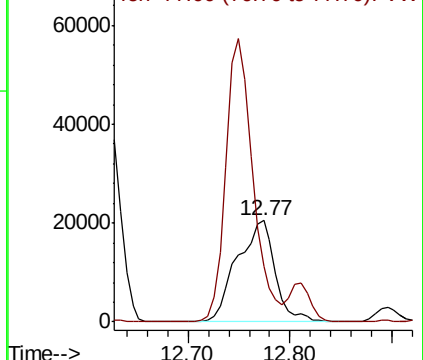
Tgt Ion: 75 Resp: 53131

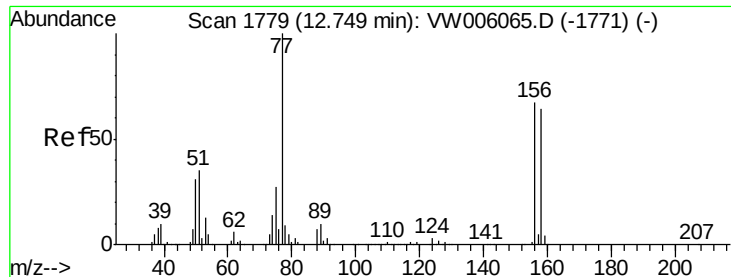
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.815 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

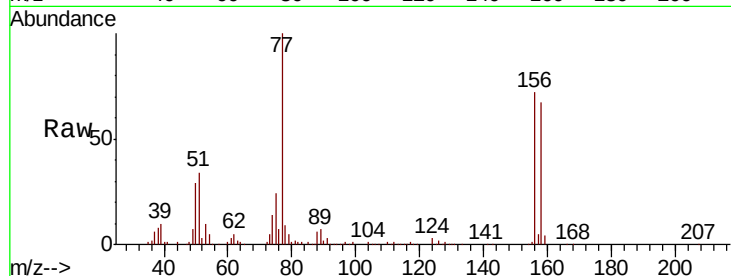
Tot Ion:156 Resp: 67873

Ion Ratio Lower Upper

156 100

77 155.9 79.1 237.4

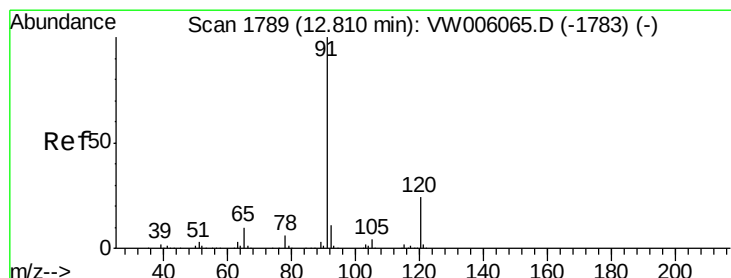
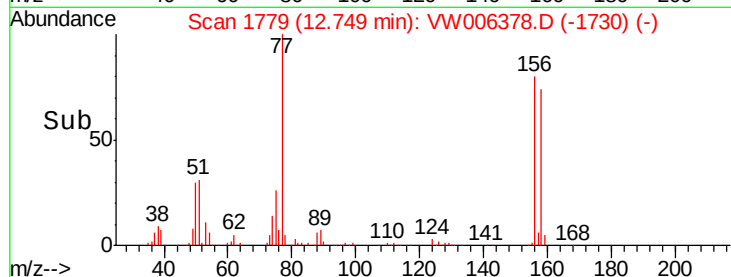
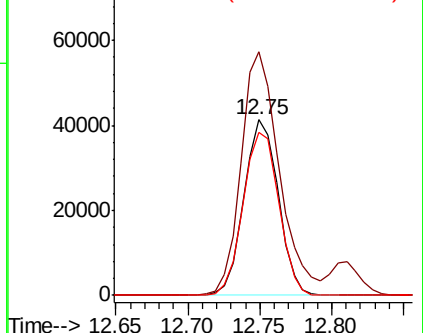
158 97.0 48.5 145.6



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: 21.668 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006378.D

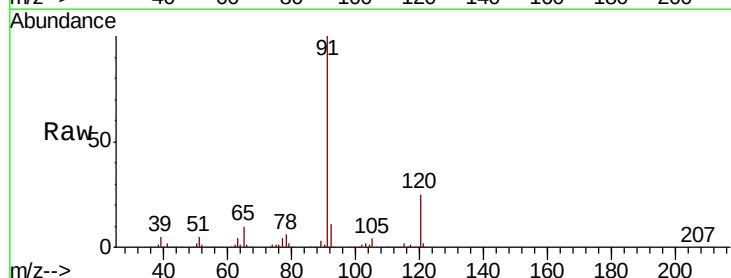
Acq: 26 Oct 2018 00:25

Tgt Ion: 91 Resp: 306194

Ion Ratio Lower Upper

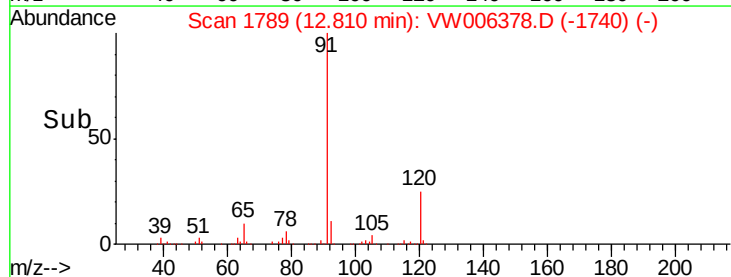
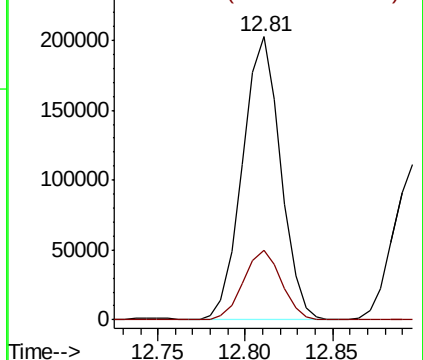
91 100

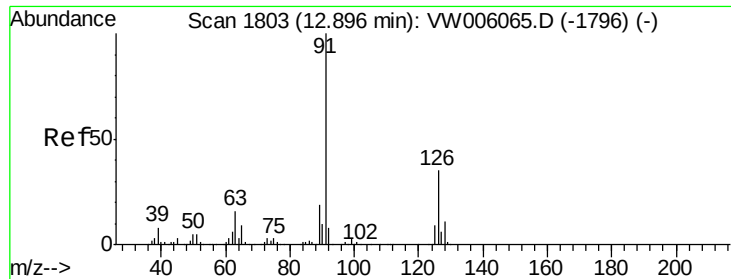
120 24.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.196 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

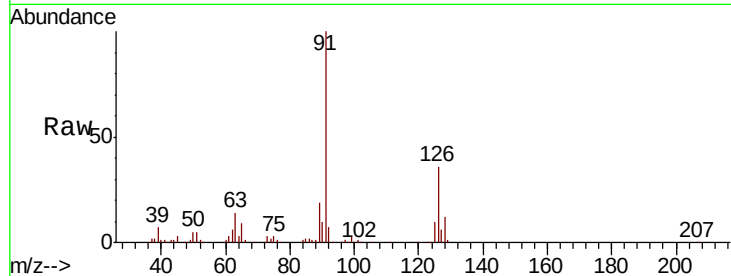
VW1027SBS01

Tot Ion: 91 Resp: 176226

Ion Ratio Lower Upper

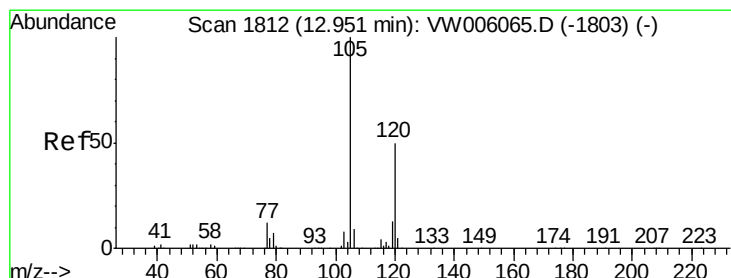
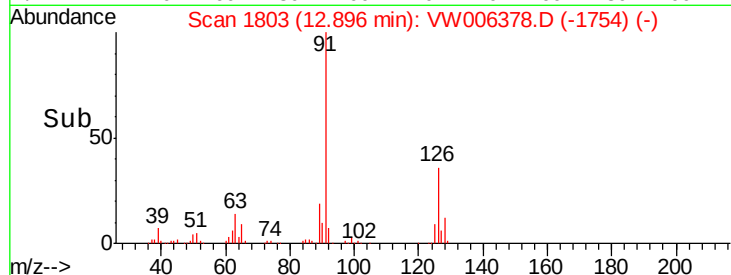
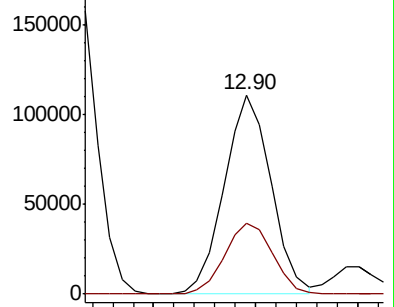
91 100

126 36.8 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.898 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006378.D

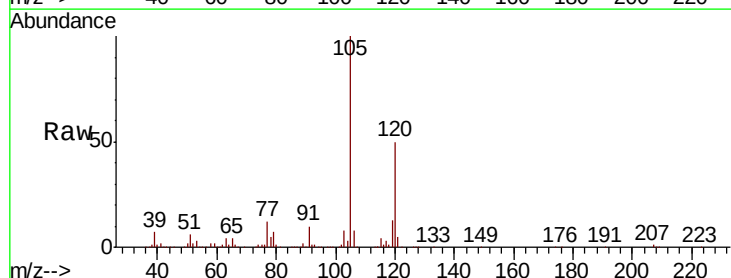
Acq: 26 Oct 2018 00:25

Tgt Ion:105 Resp: 224218

Ion Ratio Lower Upper

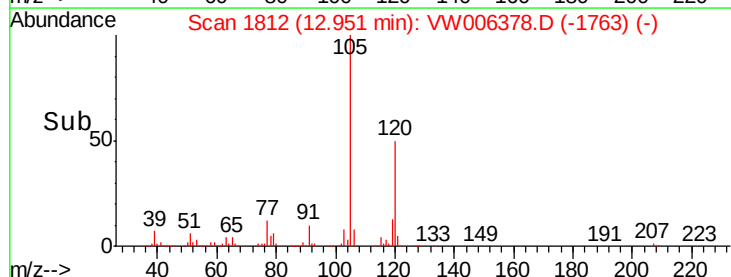
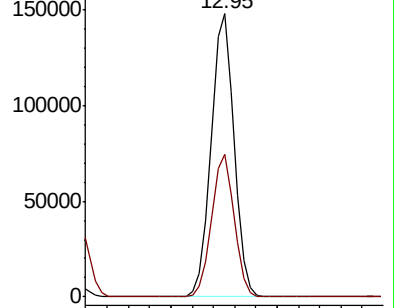
105 100

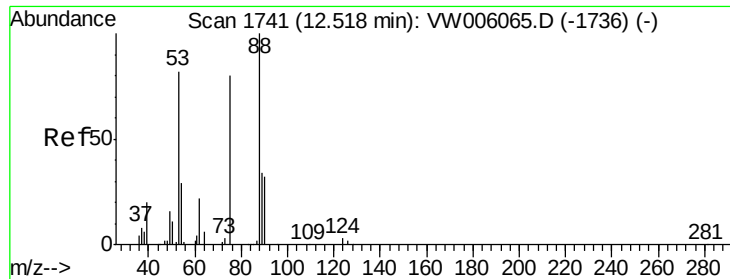
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

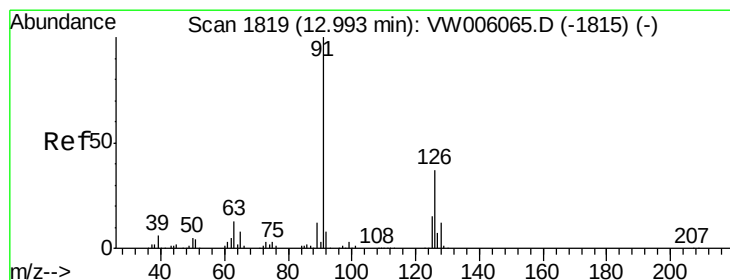
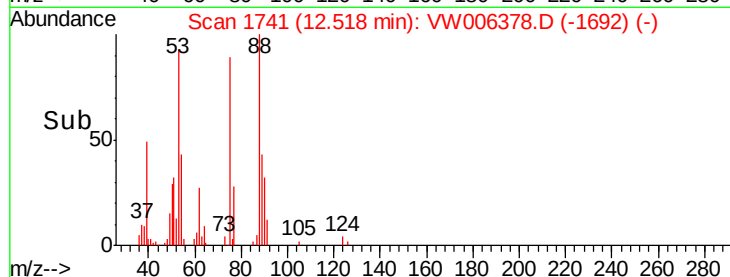
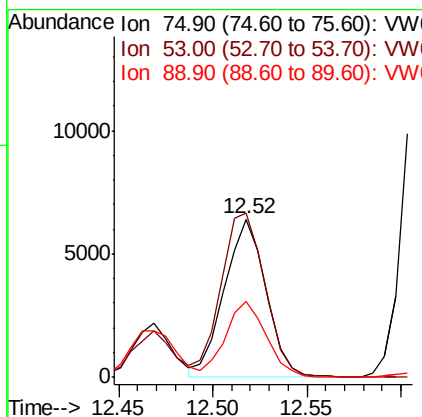
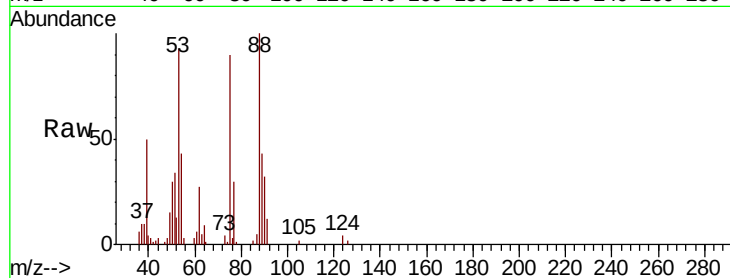




#81
trans-1,4-Dichloro-2-butene
Concen: 17.926 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

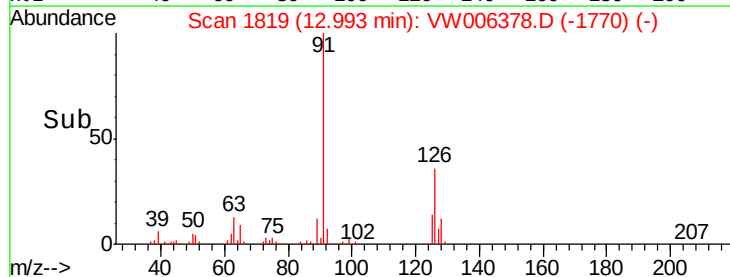
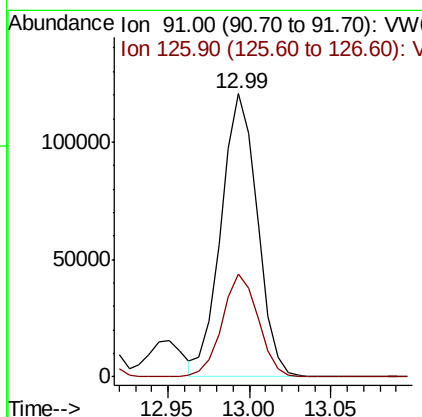
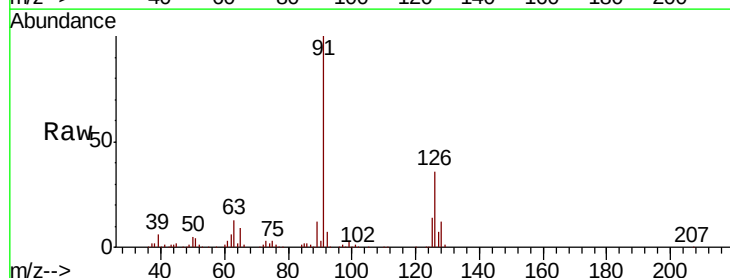
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

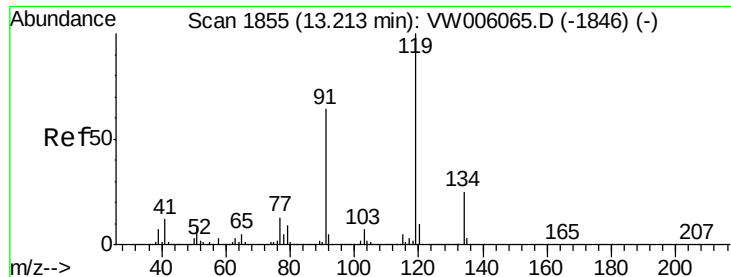
Tot Ion: 75 Resp: 9848
Ion Ratio Lower Upper
75 100
53 110.2 79.8 119.6
89 46.8 37.5 56.3



#82
4-Chlorotoluene
Concen: 22.463 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion: 91 Resp: 186822
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.3

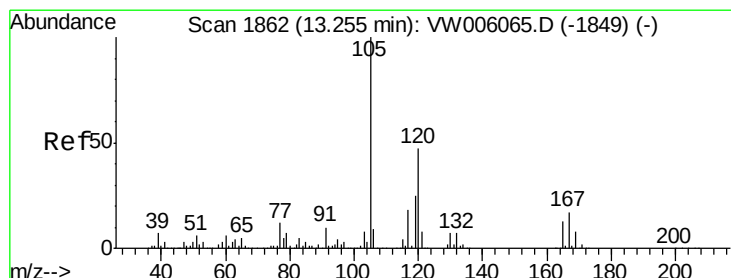
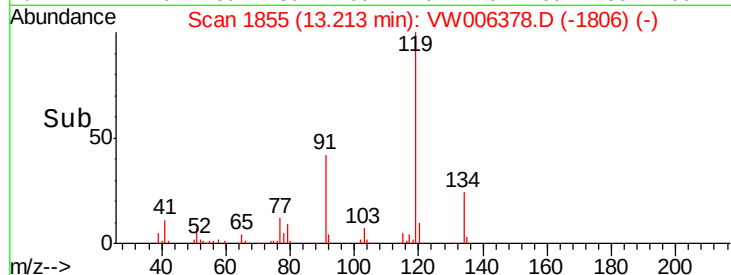
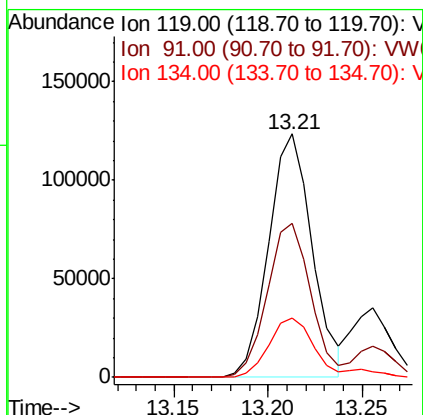
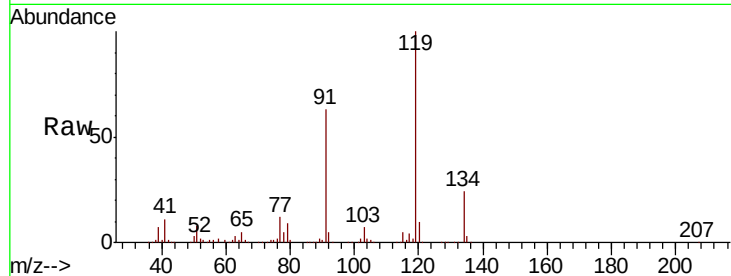




#83
 tert-Butylbenzene
 Concen: 21.560 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

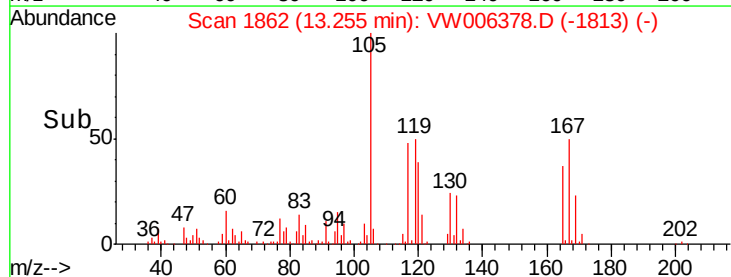
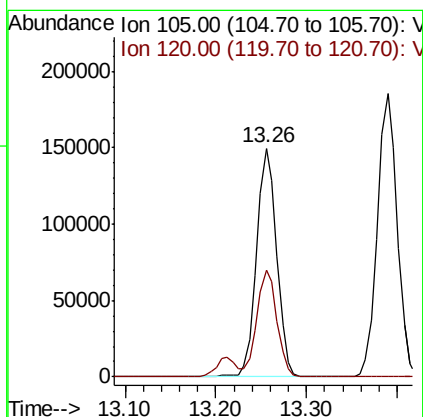
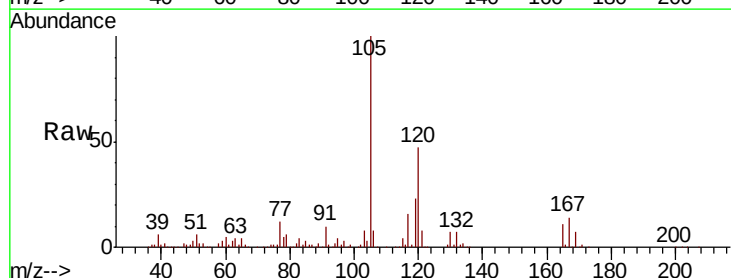
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

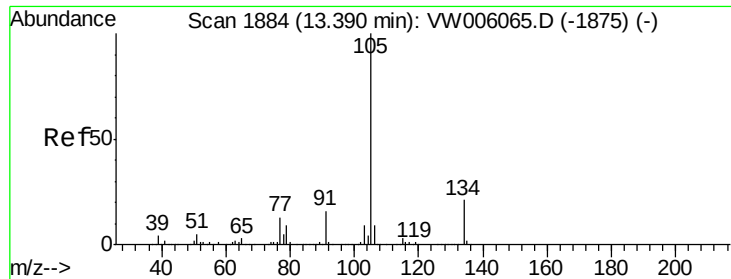
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.3	96.9
134	25.2	13.6	40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.199 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.644 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

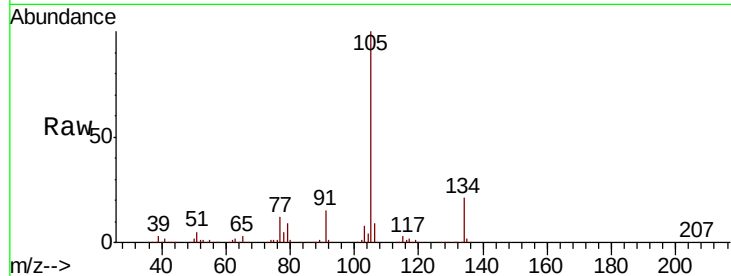
VW1027SBS01

Tot Ion:105 Resp: 280123

Ion Ratio Lower Upper

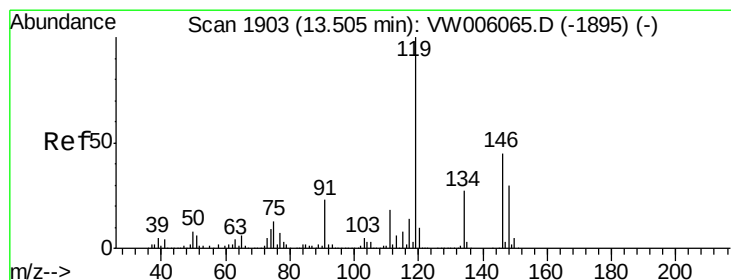
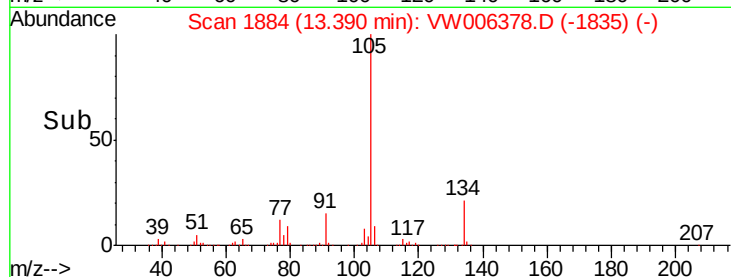
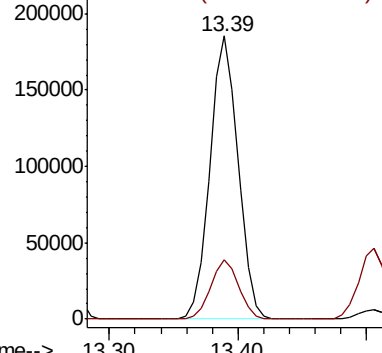
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.690 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

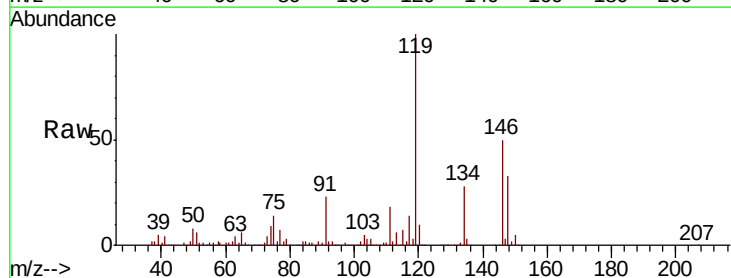
Tgt Ion:119 Resp: 253915

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

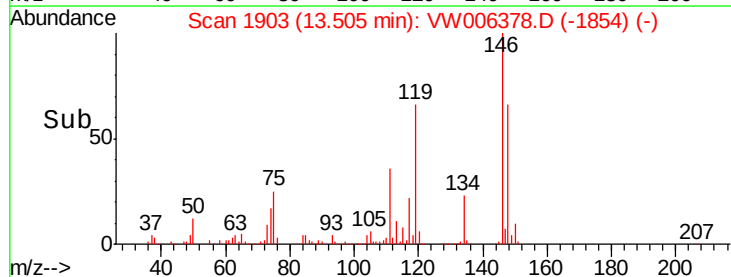
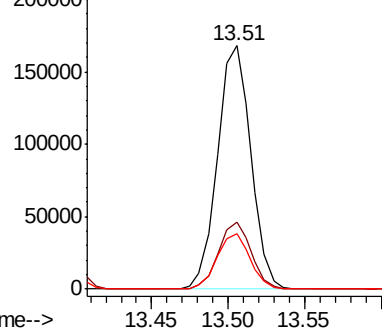
91 22.5 11.4 34.1

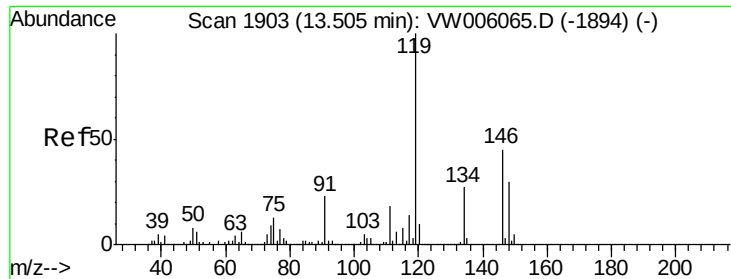


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

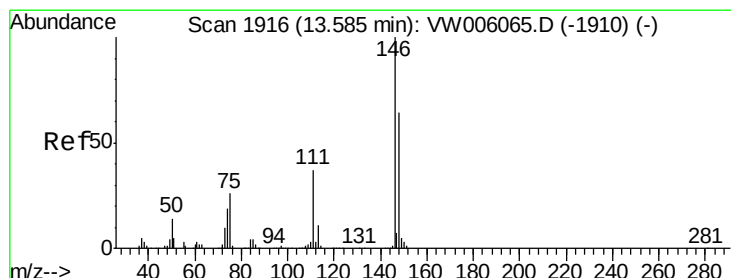
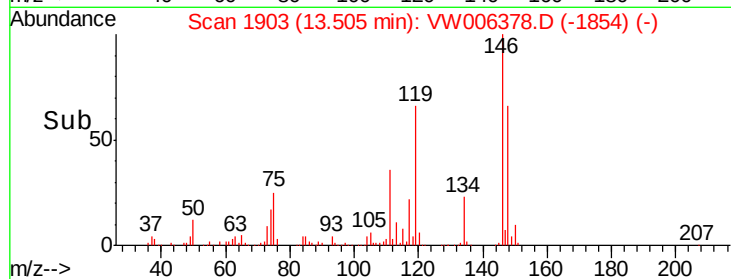
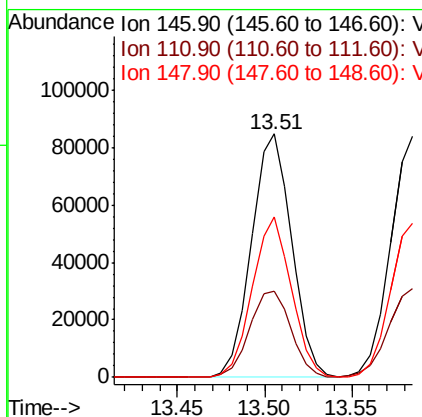
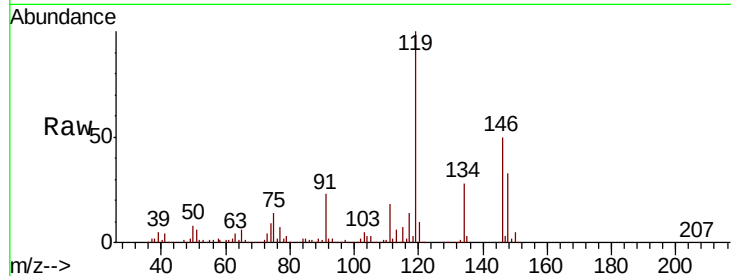




#87
 1,3-Dichlorobenzene
 Concen: 22.851 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

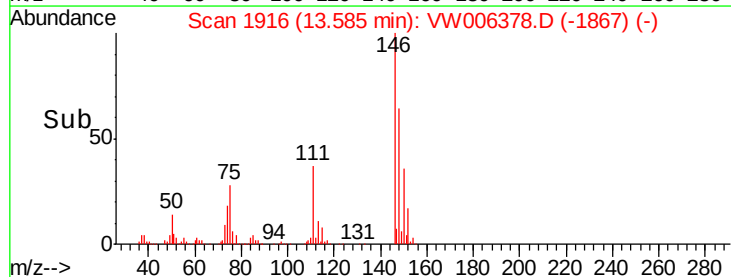
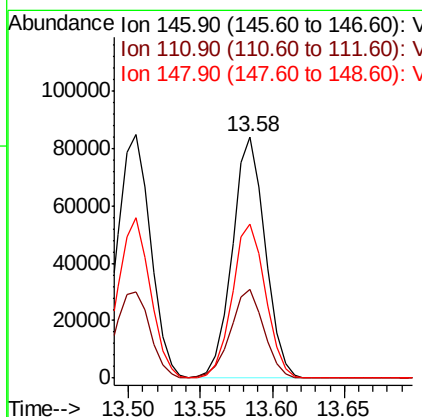
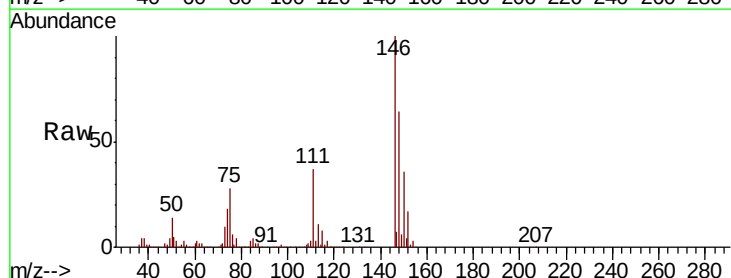
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

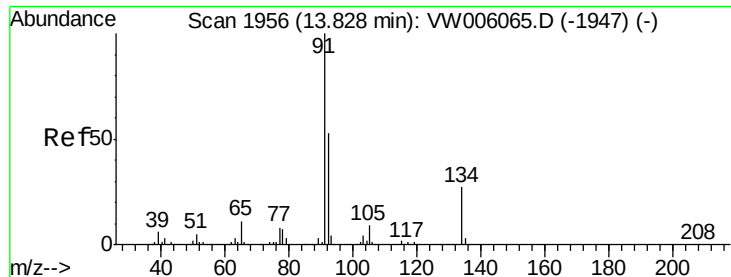
Tot Ion:146 Resp: 135296
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.1 57.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 22.642 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion:146 Resp: 133476
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.299 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006378.D

Acq: 26 Oct 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

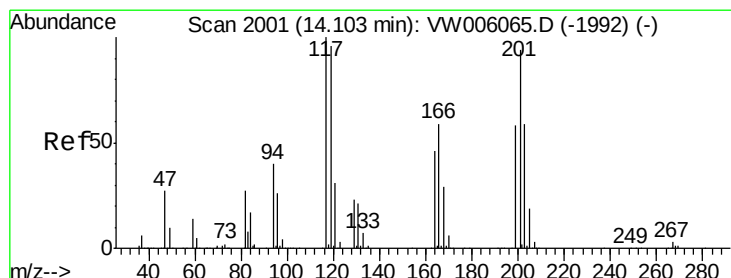
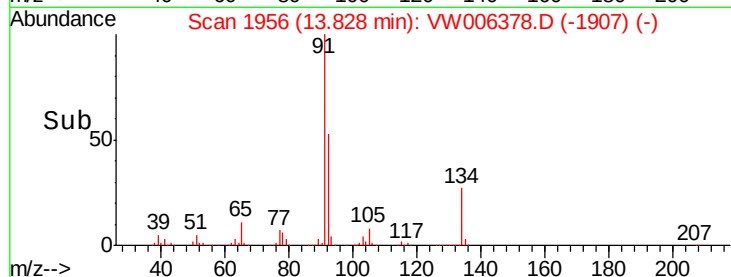
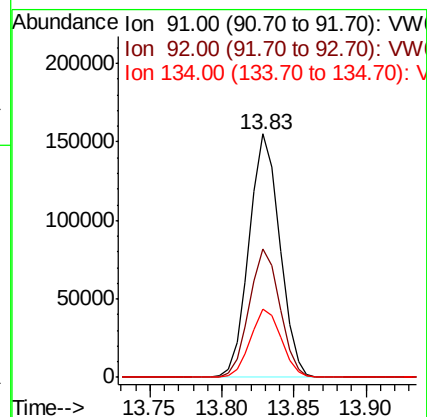
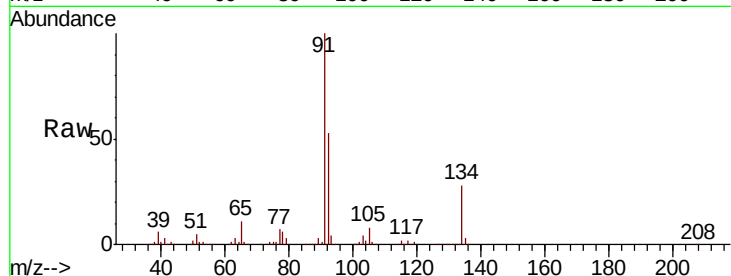
Tot Ion: 91 Resp: 228022

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 28.2 14.0 41.9



#90

Hexachloroethane

Concen: 19.583 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006378.D

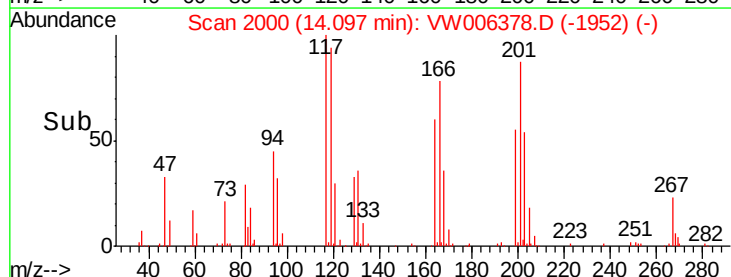
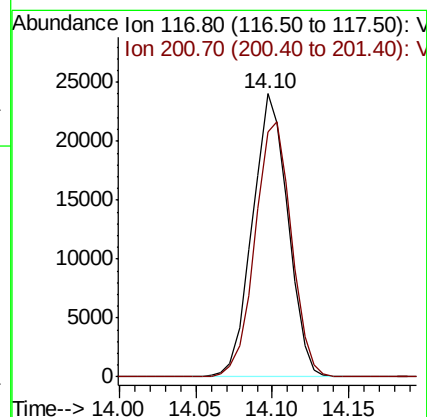
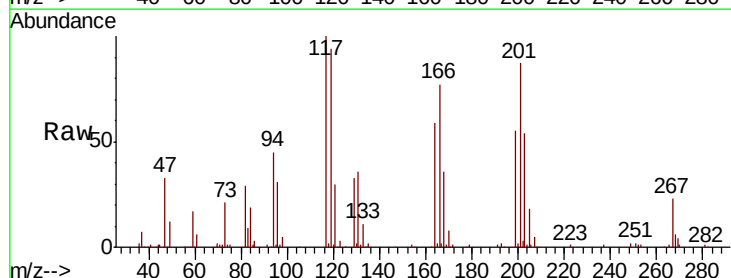
Acq: 26 Oct 2018 00:25

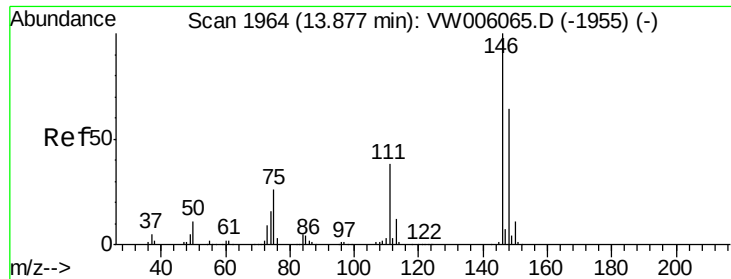
Tgt Ion: 117 Resp: 38831

Ion Ratio Lower Upper

117 100

201 92.3 45.3 135.9

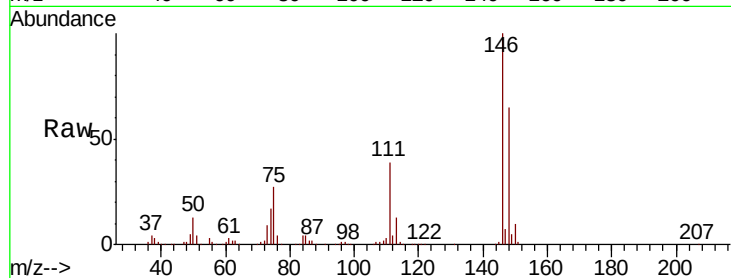




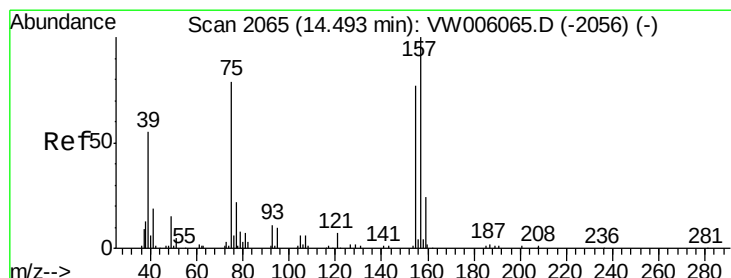
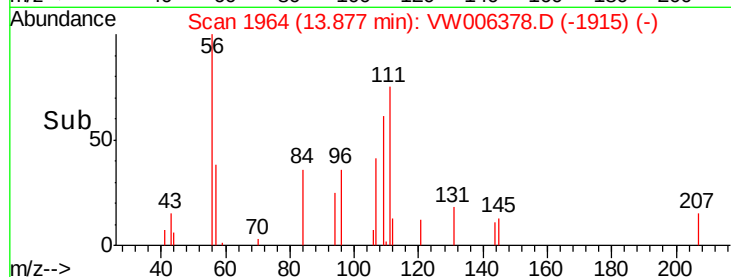
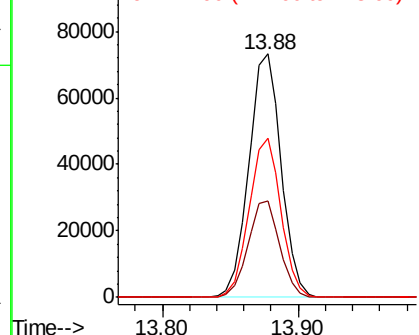
#91
 1,2-Dichlorobenzene
 Concen: 23.003 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tot Ion:146 Resp: 121484
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 64.4 32.2 96.6

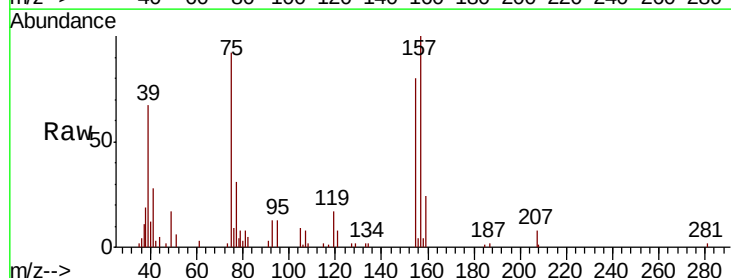


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

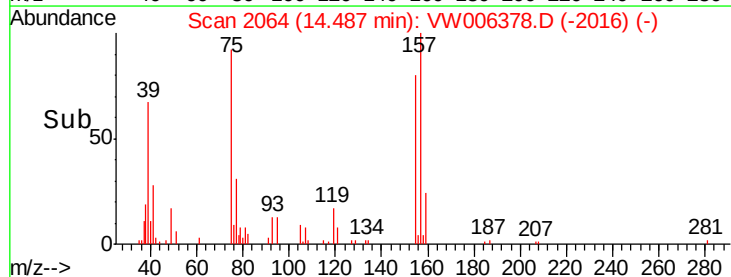
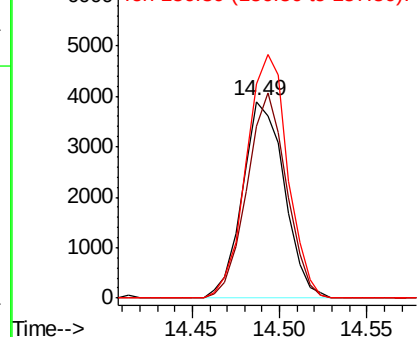


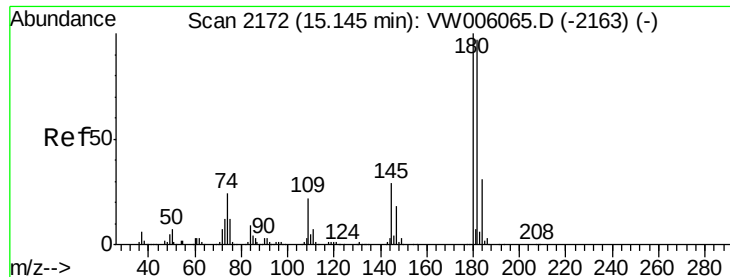
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.652 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion: 75 Resp: 6500
 Ion Ratio Lower Upper
 75 100
 155 98.5 46.5 139.5
 157 122.3 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

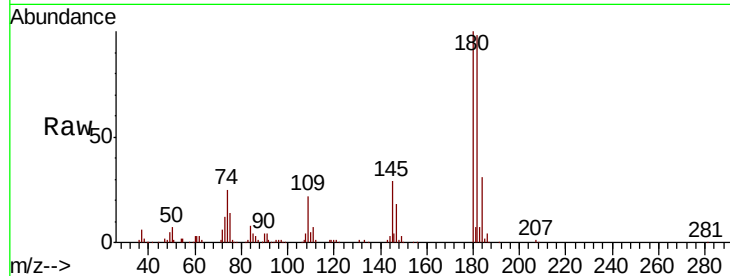




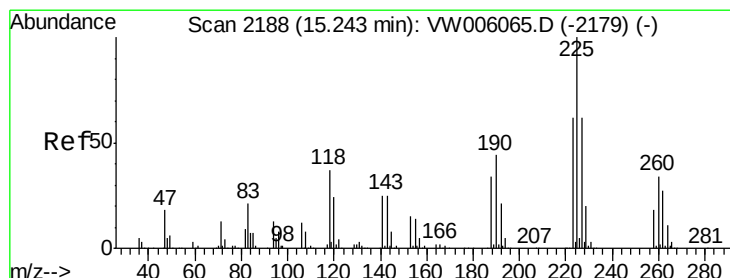
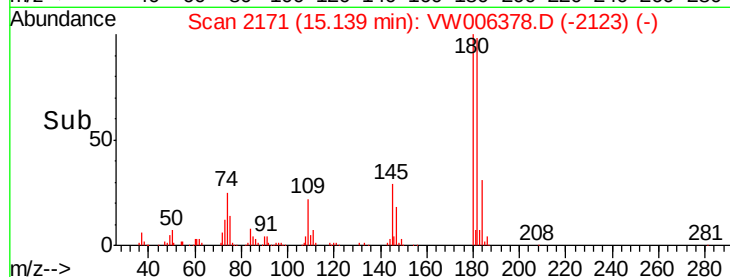
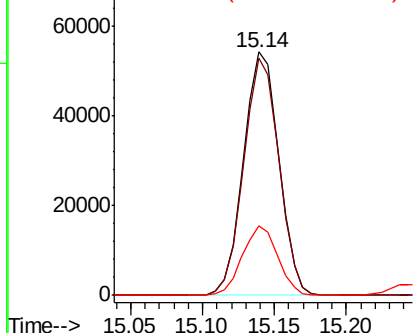
#93
 1,2,4-Trichlorobenzene
 Concen: 22.681 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tot Ion:180 Resp: 92166
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.6
 145 28.5 14.2 42.8

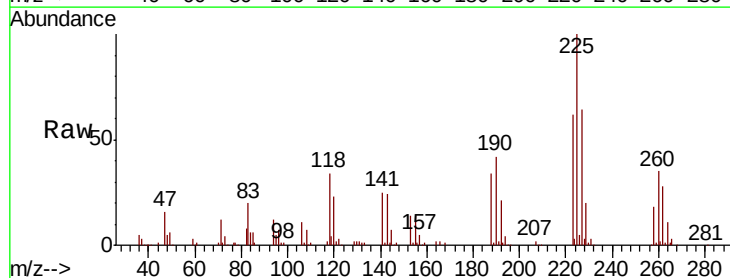


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

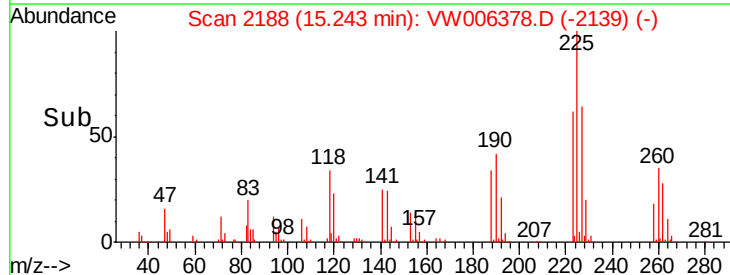
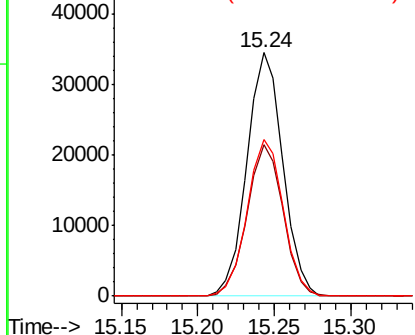


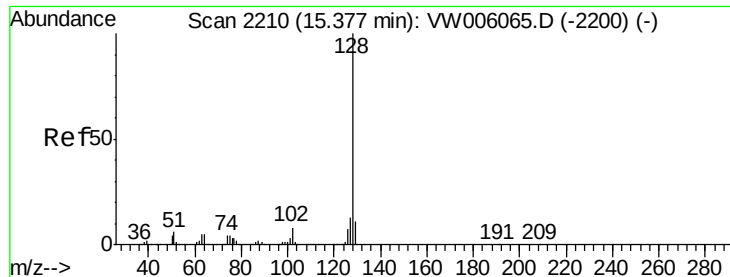
#94
 Hexachlorobutadiene
 Concen: 22.049 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006378.D
 Acq: 26 Oct 2018 00:25

Tgt Ion:225 Resp: 56285
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.5
 227 64.8 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

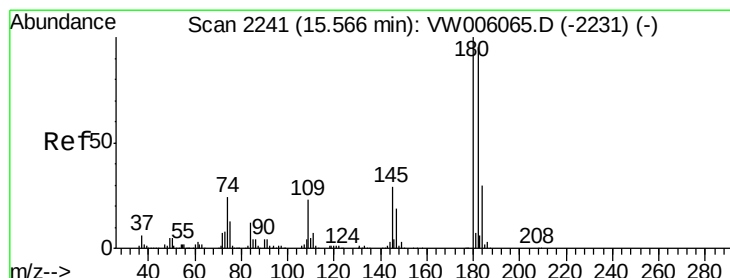
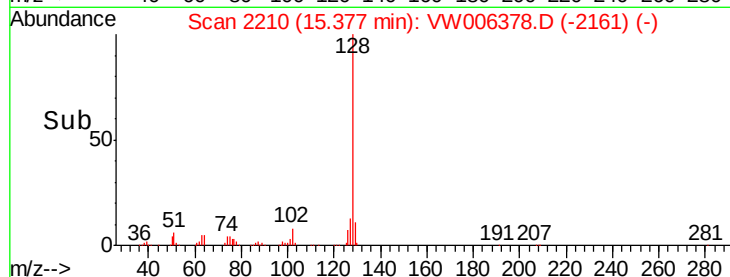
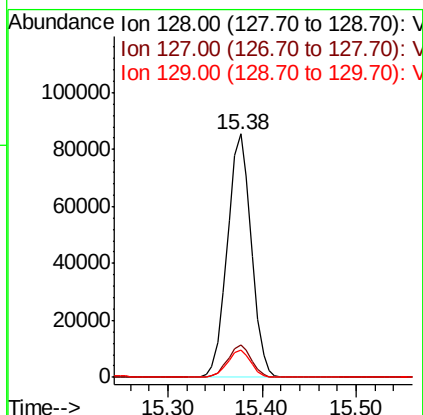
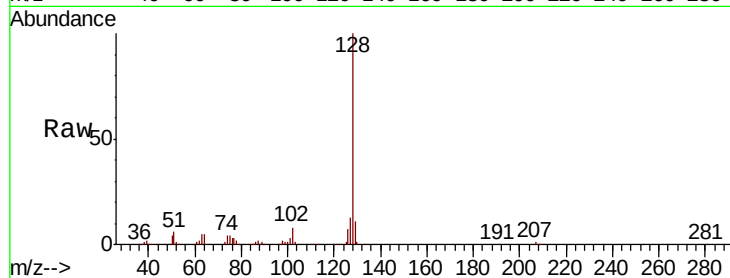




#95
Naphthalene
Concen: 22.239 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tot Ion:128 Resp: 150331
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.942 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006378.D
Acq: 26 Oct 2018 00:25

Tgt Ion:180 Resp: 80635
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 29.5 15.0 45.1

