

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006677.D
 Acq On : 06 Nov 2018 10:39
 Operator : SY/AP
 Sample : VW1105SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Quant Time: Nov 06 11:07:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187105	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	101415	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	7.88	113	109278	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.33	98	420266	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.62	95	151890	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	27009	20.713	ug/l	98
3) Chloromethane	2.21	50	31837	19.733	ug/l	98
4) Vinyl Chloride	2.37	62	47244	20.971	ug/l	96
5) Bromomethane	2.79	94	38962	20.608	ug/l	95
6) Chloroethane	2.93	64	33186	21.083	ug/l	99
7) Trichlorofluoromethane	3.26	101	42898	21.564	ug/l	98
8) Diethyl Ether	3.68	74	19629	18.050	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44411	20.906	ug/l	98
10) Methyl Iodide	4.26	142	74311	19.293	ug/l	100
11) Tert butyl alcohol	5.24	59	10561	90.653	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	41885	20.414	ug/l	96
13) Acrolein	3.90	56	12528	85.501	ug/l	99
14) Allyl chloride	4.66	41	52565	19.627	ug/l	99
15) Acrylonitrile	5.38	53	36321	93.150	ug/l	99
16) Acetone	4.15	43	39137	112.112	ug/l	100
17) Carbon Disulfide	4.37	76	119567	20.478	ug/l	99
18) Methyl Acetate	4.67	43	17541	17.474	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57508	18.830	ug/l	99
20) Methylene Chloride	4.92	84	45431	16.022	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46652	20.094	ug/l	97
22) Diisopropyl ether	6.32	45	109828	19.670	ug/l	99
23) Vinyl Acetate	6.26	43	293373	94.751	ug/l	100
24) 1,1-Dichloroethane	6.22	63	75286	19.895	ug/l	98
25) 2-Butanone	7.18	43	49545	99.461	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50948	22.351	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50401	19.404	ug/l	98
28) Bromochloromethane	7.51	49	28624	19.050	ug/l	98
29) Tetrahydrofuran	7.54	42	27916	89.098	ug/l	99
30) Chloroform	7.68	83	81563	19.660	ug/l	97
31) Cyclohexane	7.96	56	69800	20.267	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72677	20.702	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65265	21.310	ug/l	100
37) Ethyl Acetate	7.26	43	21734	20.478	ug/l	97
38) Carbon Tetrachloride	8.07	117	69037	21.572	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81959	21.087	ug/l	99
40) Benzene	8.32	78	180919	20.797	ug/l	100
41) Methacrylonitrile	7.49	41	11133	17.106	ug/l	94
42) 1,2-Dichloroethane	8.40	62	49907	20.004	ug/l	99
43) Isopropyl Acetate	8.43	43	40177	18.970	ug/l	99
44) Trichloroethene	9.09	130	56052	20.880	ug/l	100
45) 1,2-Dichloropropane	9.37	63	42257	20.873	ug/l	99
46) Dibromomethane	9.46	93	24142	20.286	ug/l	98
47) Bromodichloromethane	9.65	83	57160	20.686	ug/l	98
48) Methyl methacrylate	9.44	41	18621	18.249	ug/l	95
49) 1,4-Dioxane	9.49	88	6586	378.151	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	103097	94.782	ug/l	99
52) Toluene	10.39	92	120629	20.674	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53609	20.159	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63413	20.179	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34230	20.272	ug/l	99
56) Ethyl methacrylate	10.65	69	35697	18.600	ug/l	97
57) 1,3-Dichloropropane	10.93	76	54881	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	97417	104.421	ug/l	100
59) 2-Hexanone	10.98	43	74658	101.056	ug/l	98
60) Dibromochloromethane	11.13	129	40550	20.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33449	19.948	ug/l	99
64) Tetrachloroethene	10.87	164	50814	19.706	ug/l	96
65) Chlorobenzene	11.66	112	142221	20.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49112	20.527	ug/l	99
67) Ethyl Benzene	11.74	91	238549	20.966	ug/l	98
68) m/p-Xylenes	11.85	106	189466	41.680	ug/l	99
69) o-Xylene	12.17	106	88207	20.382	ug/l	98
70) Styrene	12.19	104	144035	20.415	ug/l	99
71) Bromoform	12.35	173	24721	19.492	ug/l #	99
73) Isopropylbenzene	12.47	105	247818	20.106	ug/l	100
74) N-amyl acetate	12.28	43	38700	18.170	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	37902	19.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47688	32.666	ug/l #	100
77) Bromobenzene	12.75	156	63626	19.938	ug/l	99
78) n-propylbenzene	12.81	91	292847	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	161461	19.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	212216	20.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9711	18.971	ug/l	97
82) 4-Chlorotoluene	12.99	91	173855	20.197	ug/l	99
83) tert-Butylbenzene	13.21	119	188246	20.385	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	214045	20.153	ug/l	100
85) sec-Butylbenzene	13.39	105	268255	20.741	ug/l	100
86) p-Isopropyltoluene	13.51	119	241544	20.525	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128036	20.372	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126048	20.233	ug/l	99
89) n-Butylbenzene	13.83	91	219842	21.045	ug/l	99
90) Hexachloroethane	14.10	117	39114	20.223	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112426	19.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5350	16.937	ug/l	95

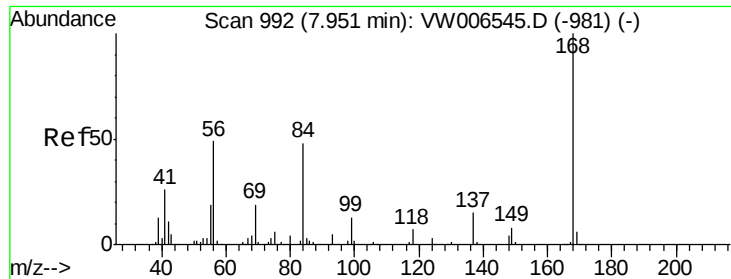
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83707	19.913	ug/l	100
94) Hexachlorobutadiene	15.24	225	54524	20.812	ug/l	100
95) Naphthalene	15.38	128	122092	18.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71067	19.236	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

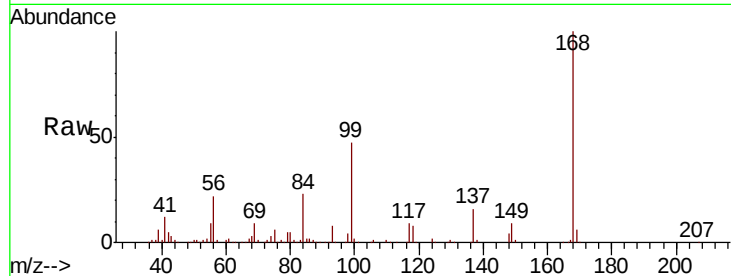
VW1105SBS02

Tot Ion:168 Resp: 251540

Ion Ratio Lower Upper

168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

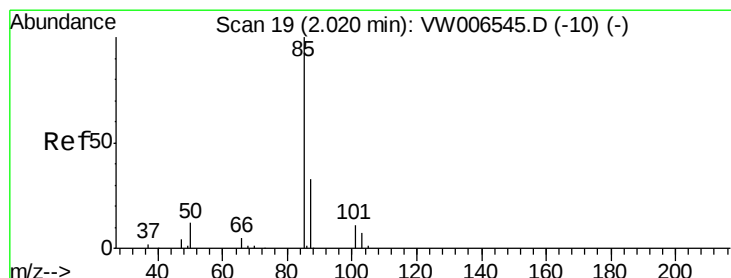
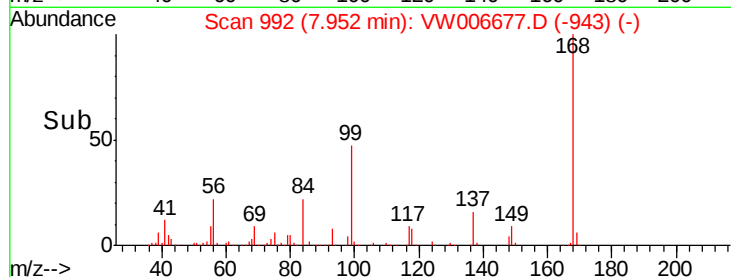
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.713 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006677.D

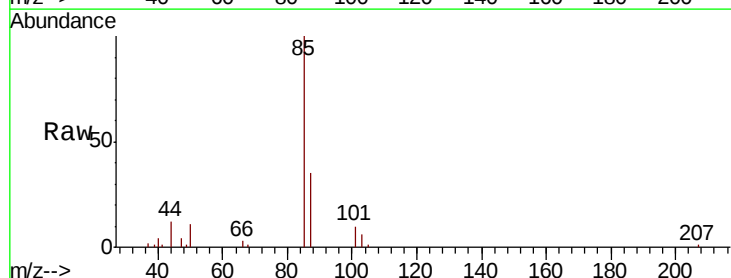
Acq: 06 Nov 2018 10:39

Tgt Ion: 85 Resp: 27009

Ion Ratio Lower Upper

85 100

87 34.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

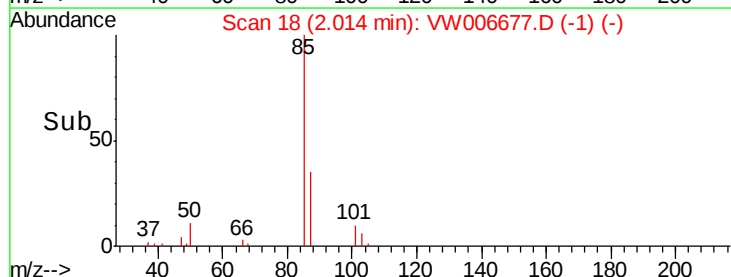
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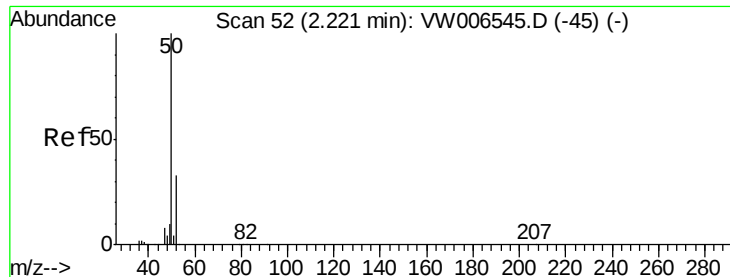
4000

2000

0

Time-->





#3

Chloromethane

Concen: 19.733 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

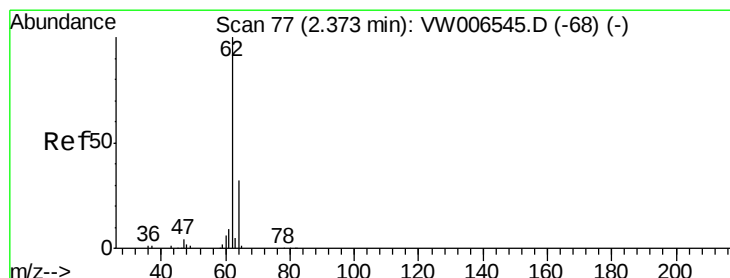
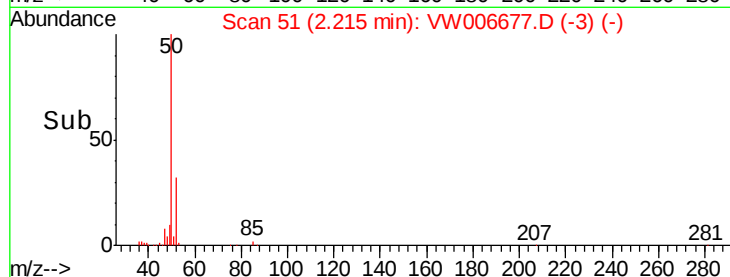
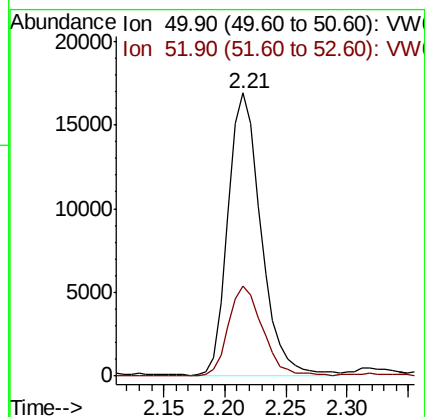
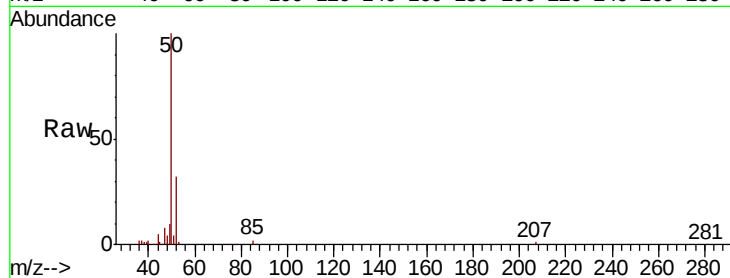
VW1105SBS02

Tot Ion: 50 Resp: 31837

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.4



#4

Vinyl Chloride

Concen: 20.971 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006677.D

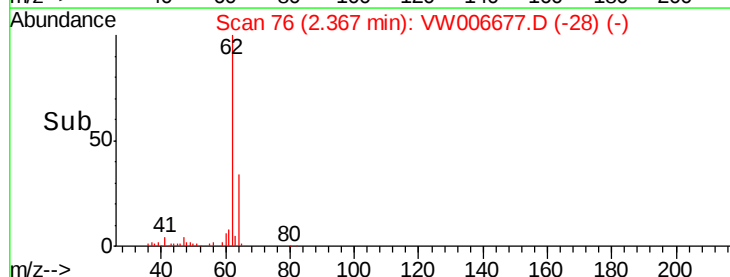
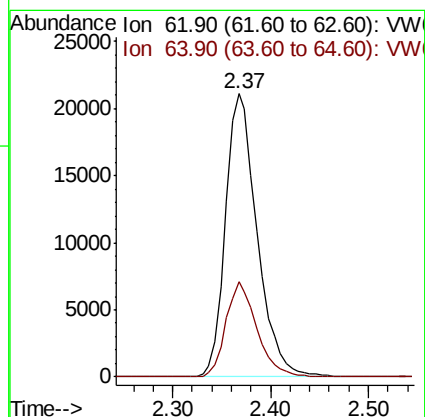
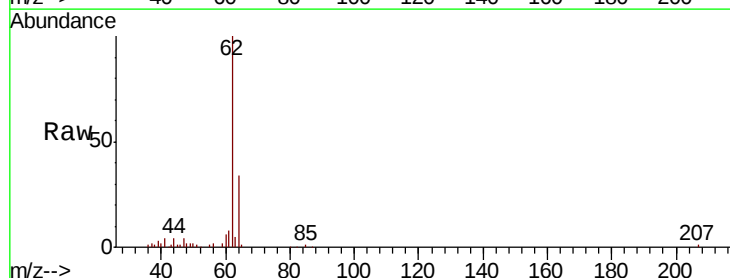
Acq: 06 Nov 2018 10:39

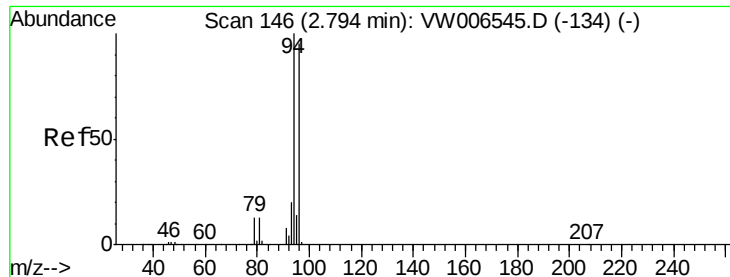
Tgt Ion: 62 Resp: 47244

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.0





#5

Bromomethane

Concen: 20.608 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

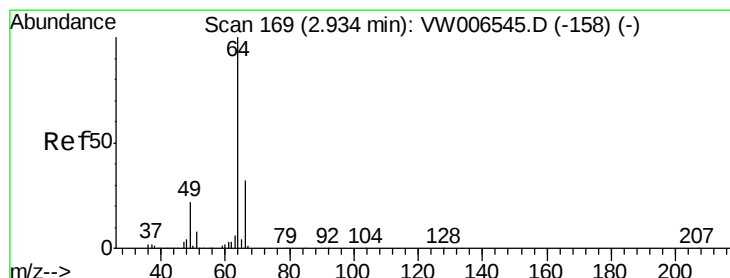
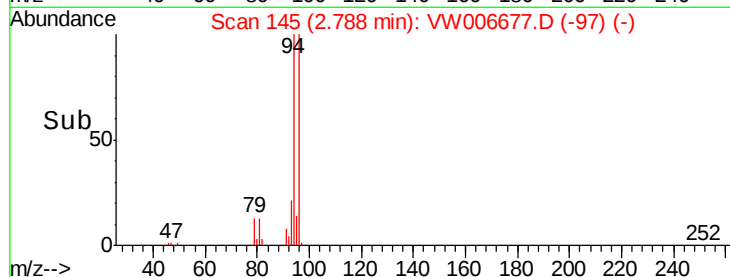
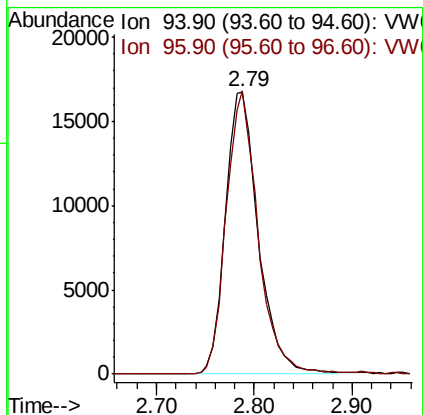
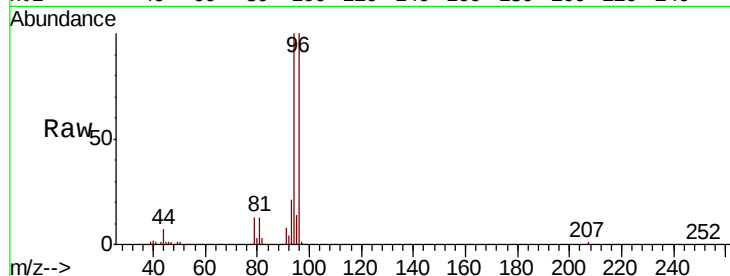
VW1105SBS02

Tot Ion: 94 Resp: 38962

Ion Ratio Lower Upper

94 100

96 99.8 75.7 113.5



#6

Chloroethane

Concen: 21.083 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006677.D

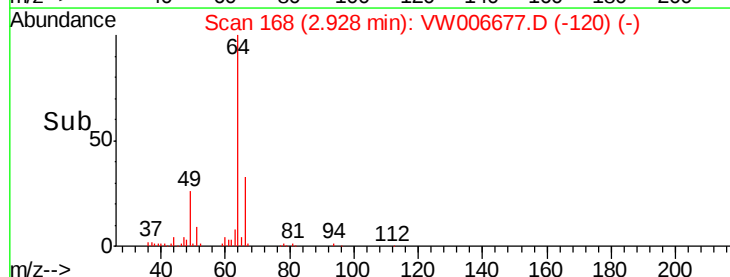
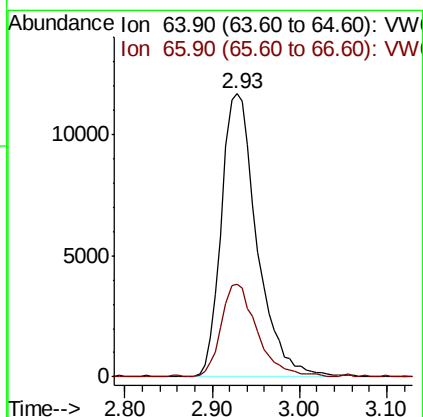
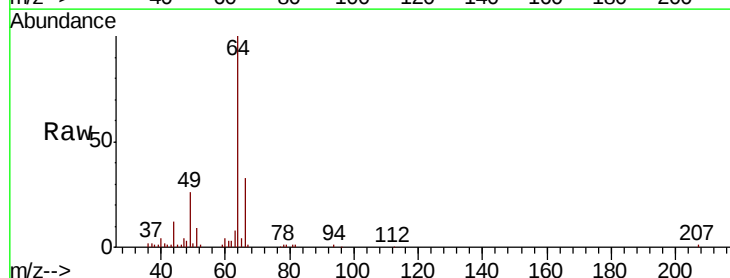
Acq: 06 Nov 2018 10:39

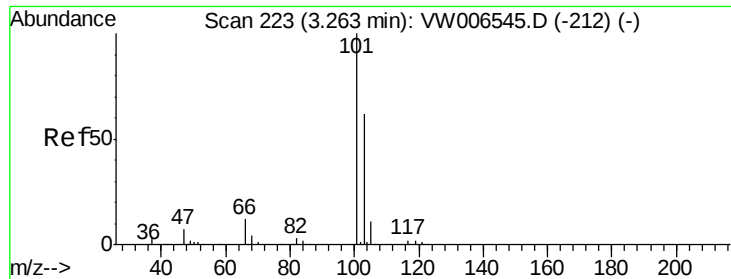
Tgt Ion: 64 Resp: 33186

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



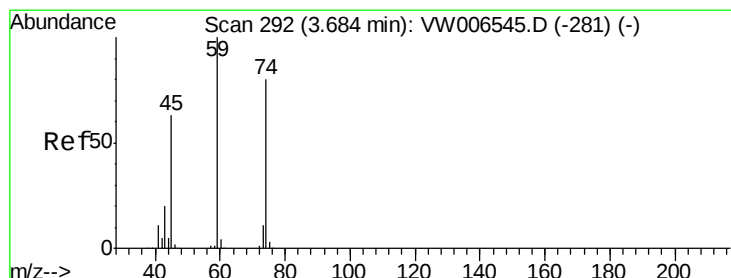
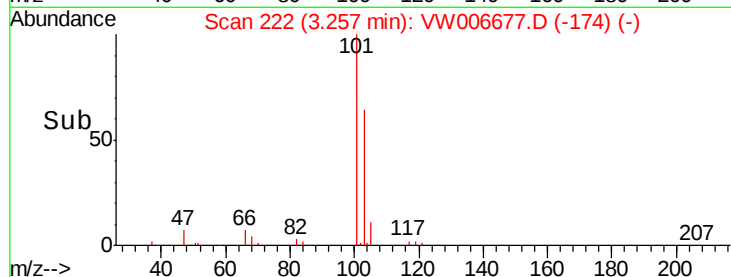
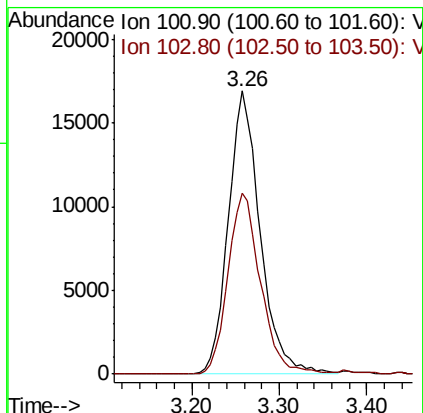
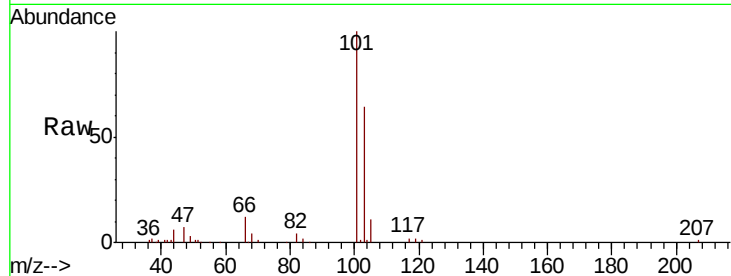


#7

Trichlorofluoromethane
 Concen: 21.564 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
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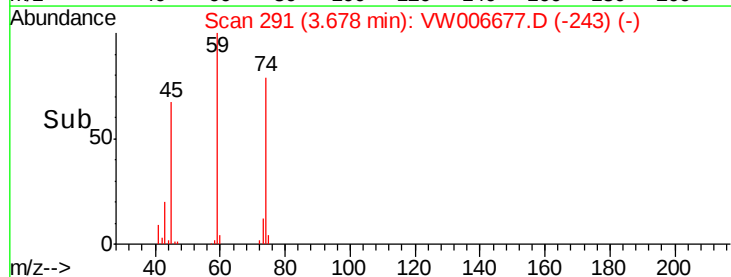
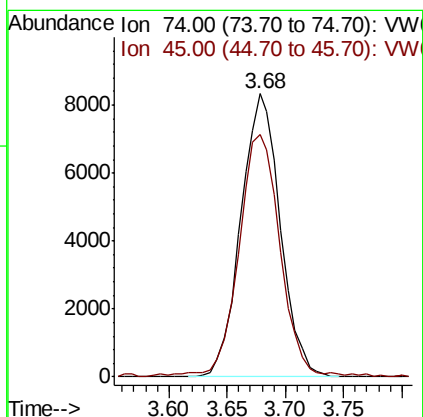
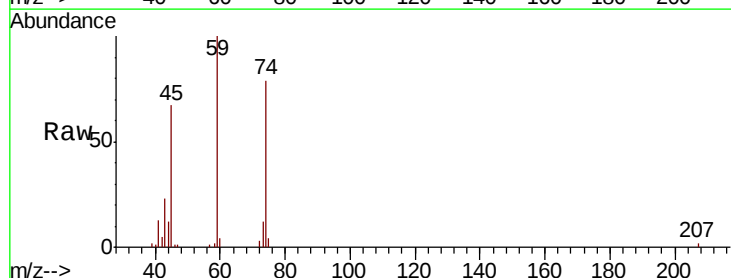
Tot Ion:101 Resp: 42898
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.8 74.8

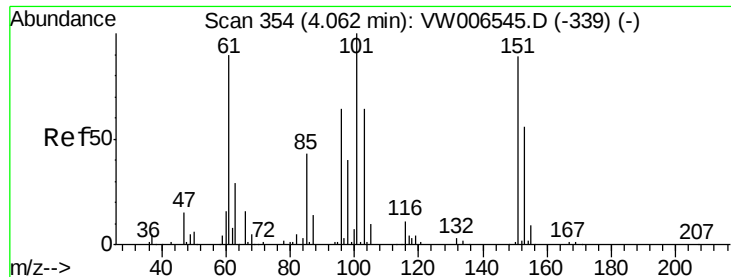


#8

Diethyl Ether
 Concen: 18.050 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion: 74 Resp: 19629
 Ion Ratio Lower Upper
 74 100
 45 90.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.906 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

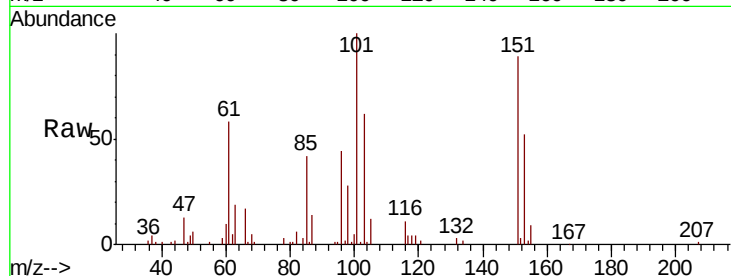
Tot Ion:101 Resp: 44411

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

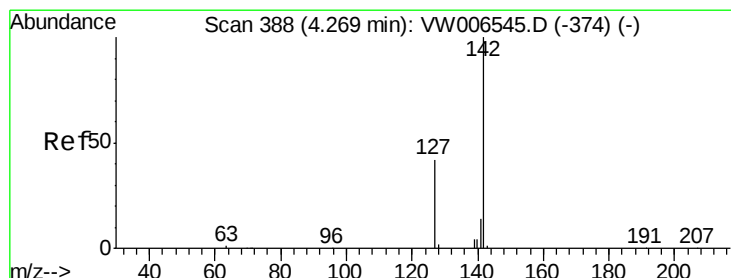
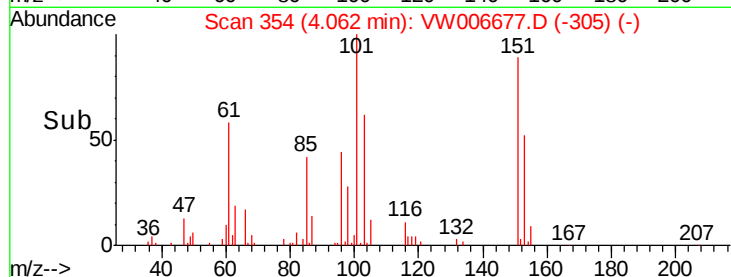
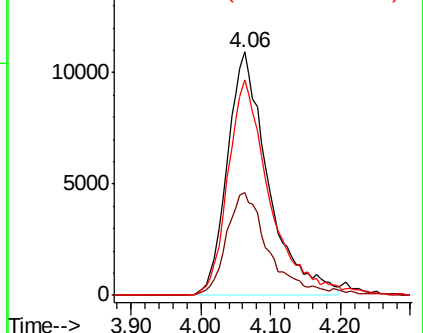
151 91.1 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.293 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

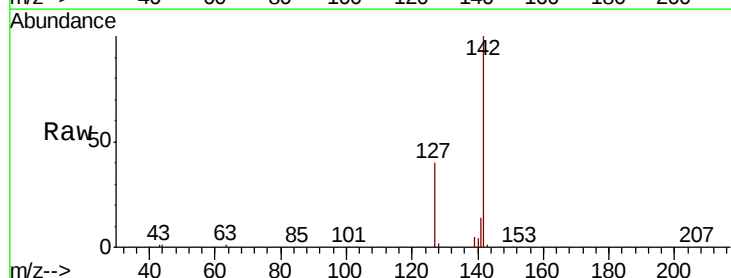
Tgt Ion:142 Resp: 74311

Ion Ratio Lower Upper

142 100

127 40.6 32.3 48.5

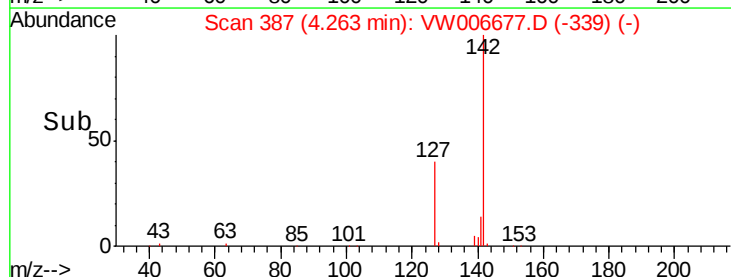
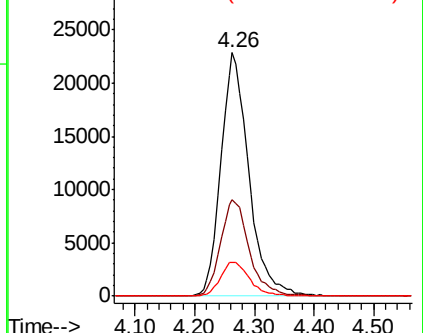
141 14.6 11.3 16.9

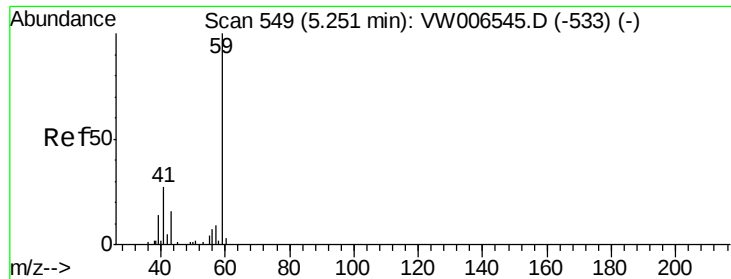


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



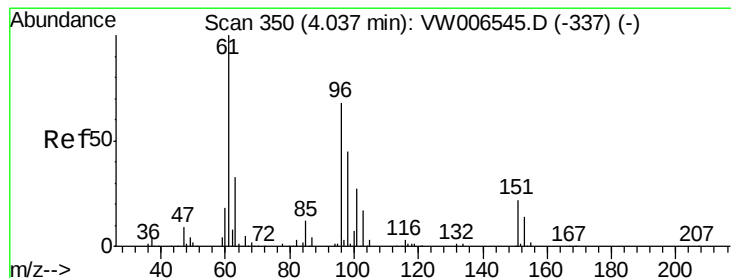
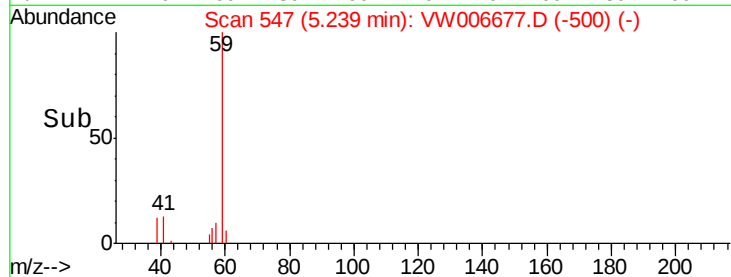
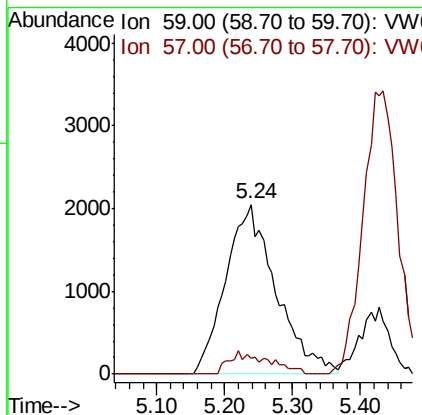
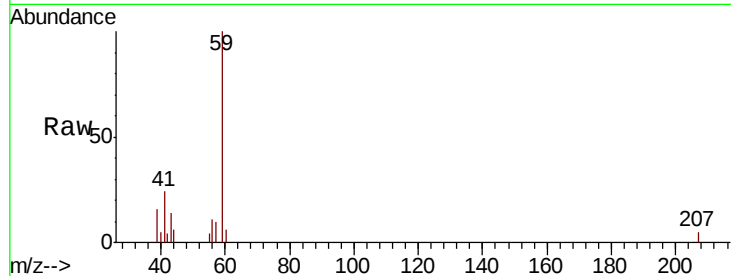


#11

Tert butyl alcohol
 Concen: 90.653 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

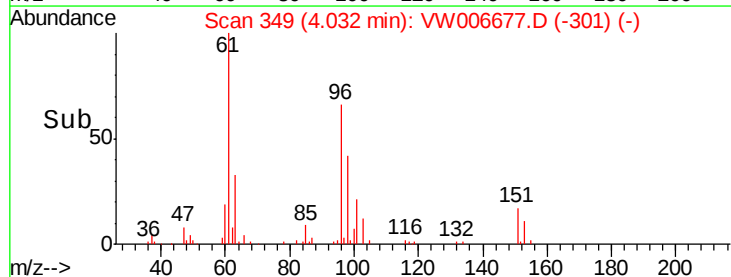
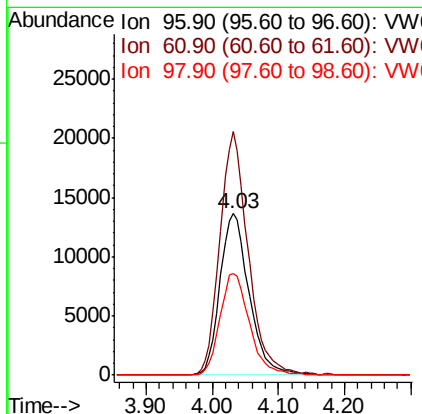
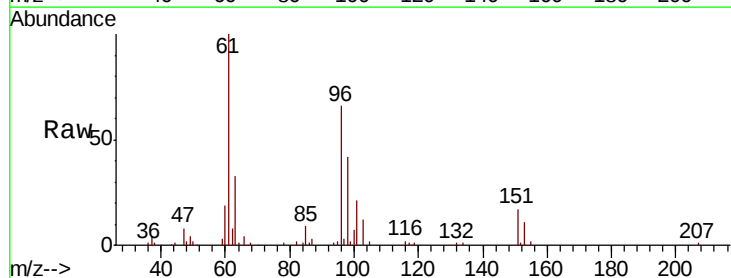
Tot Ion: 59 Resp: 10561
 Ion Ratio Lower Upper
 59 100
 57 10.5 4.3 6.5#

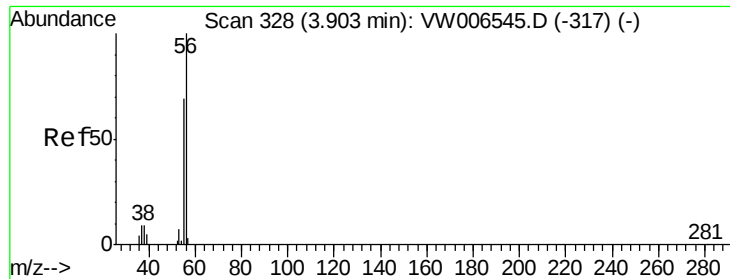


#12

1,1-Dichloroethene
 Concen: 20.414 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion: 96 Resp: 41885
 Ion Ratio Lower Upper
 96 100
 61 150.8 117.0 175.4
 98 63.1 52.5 78.7





#13

Acrolein

Concen: 85.501 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

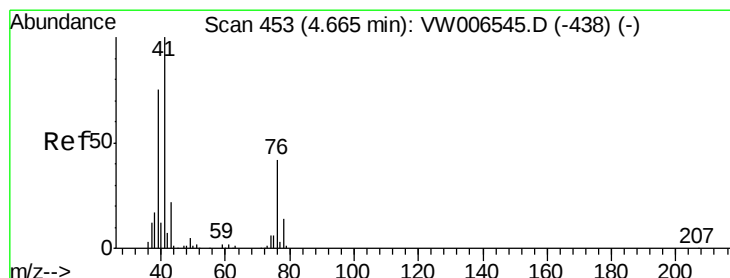
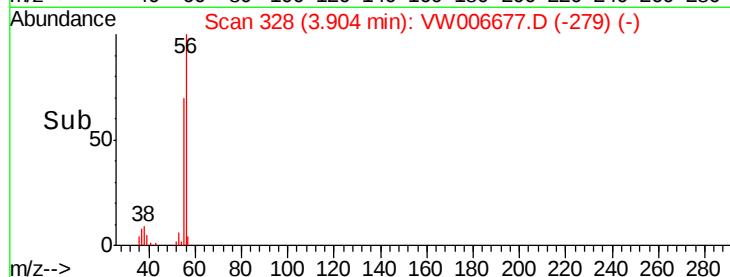
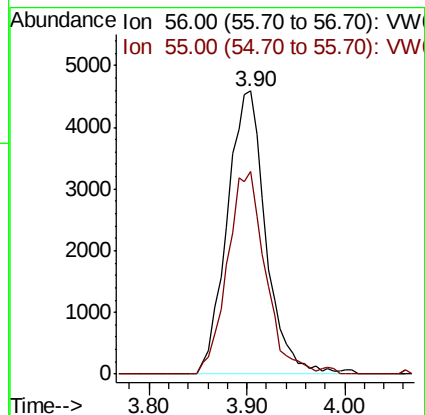
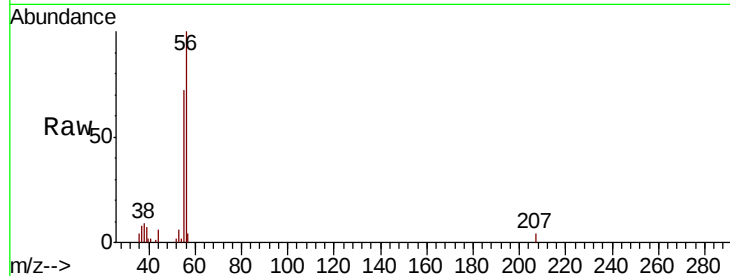
VW1105SBS02

Tot Ion: 56 Resp: 12528

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



#14

Allyl chloride

Concen: 19.627 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

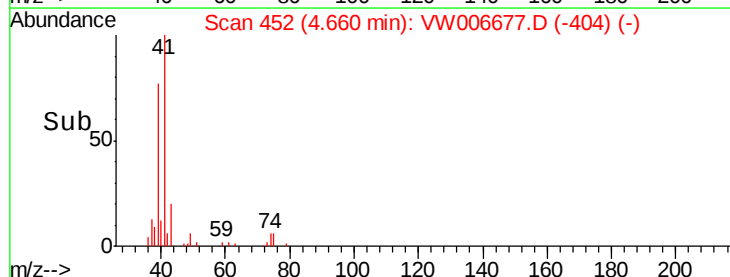
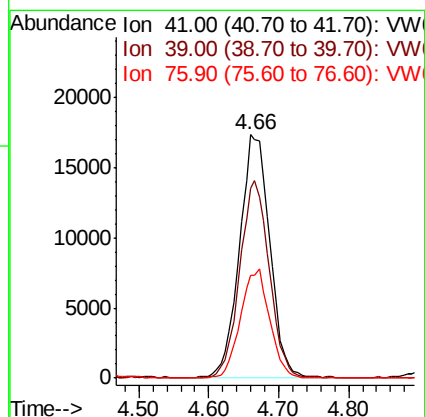
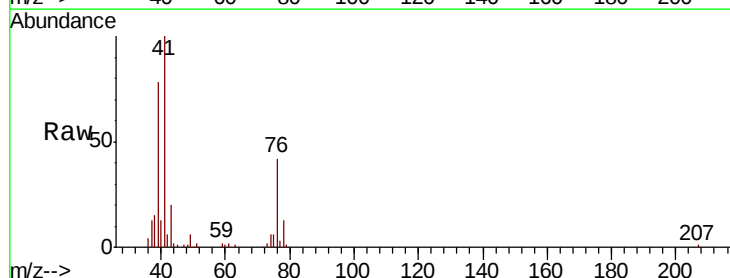
Tgt Ion: 41 Resp: 52565

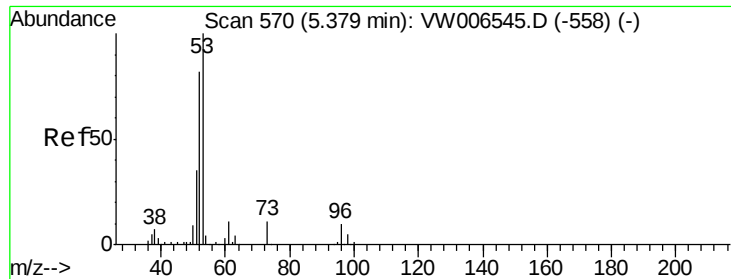
Ion Ratio Lower Upper

41 100

39 78.7 62.1 93.1

76 42.6 34.2 51.2





#15

Acrylonitrile

Concen: 93.150 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

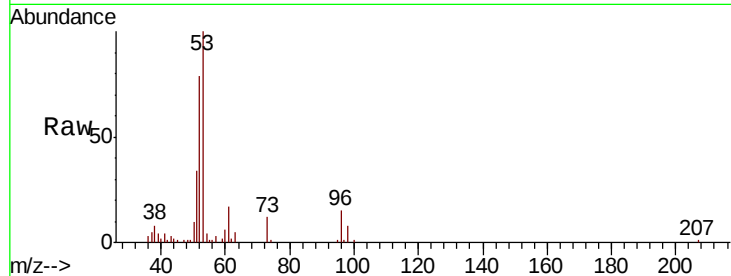
Tot Ion: 53 Resp: 36321

Ion Ratio Lower Upper

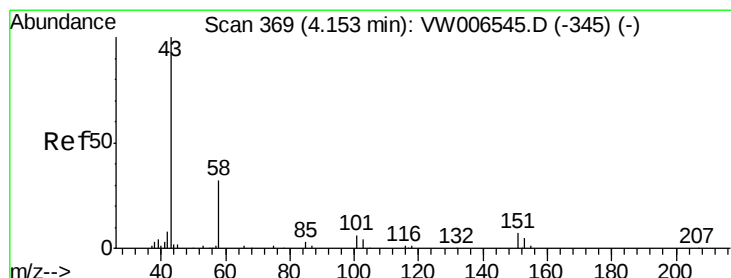
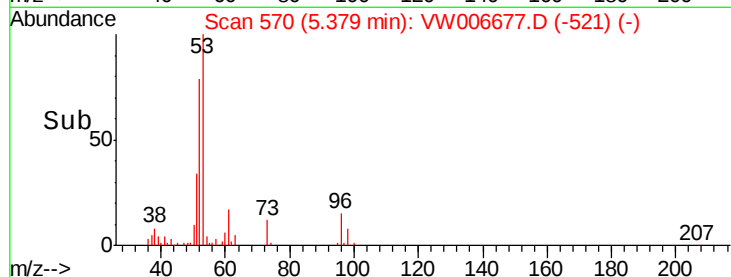
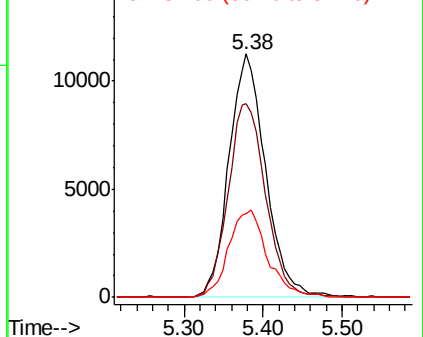
53 100

52 81.8 65.8 98.8

51 38.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 112.112 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006677.D

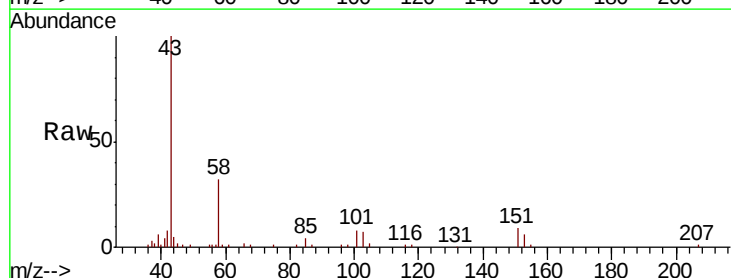
Acq: 06 Nov 2018 10:39

Tgt Ion: 43 Resp: 39137

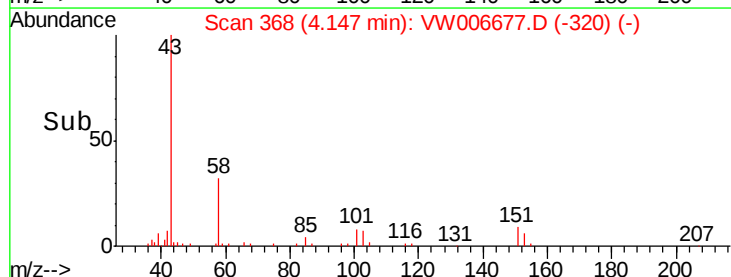
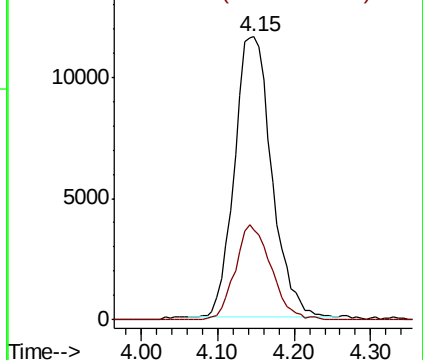
Ion Ratio Lower Upper

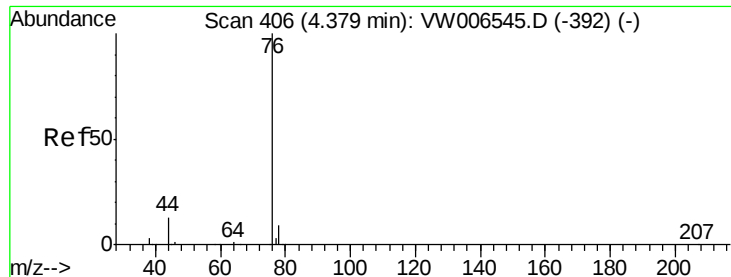
43 100

58 32.3 25.8 38.8



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





#17

Carbon Disulfide

Concen: 20.478 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

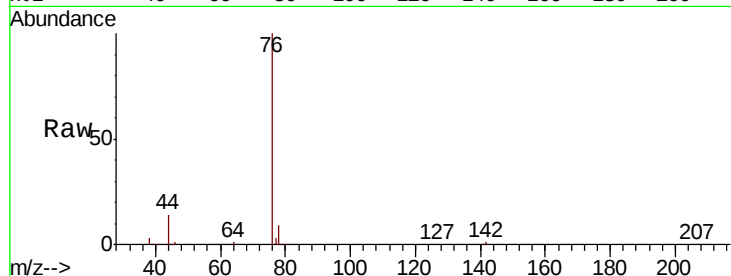
VW1105SBS02

Tot Ion: 76 Resp: 119567

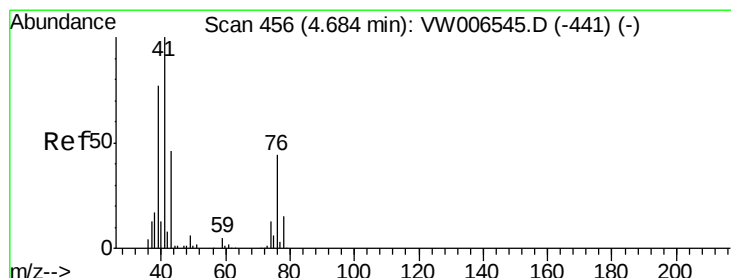
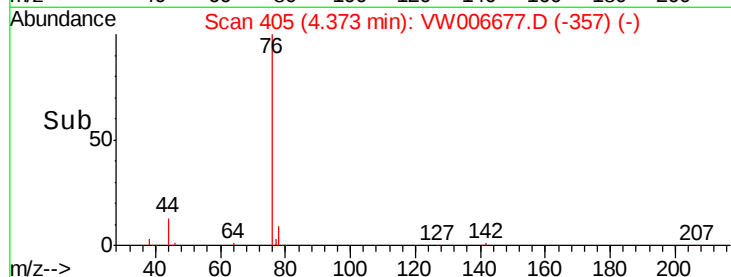
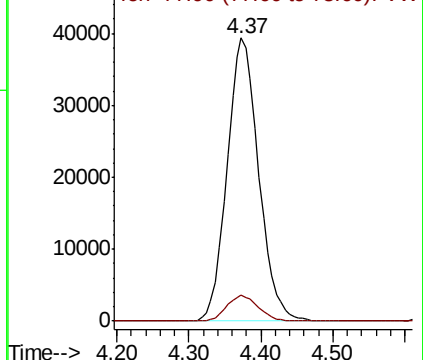
Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



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



#18

Methyl Acetate

Concen: 17.474 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006677.D

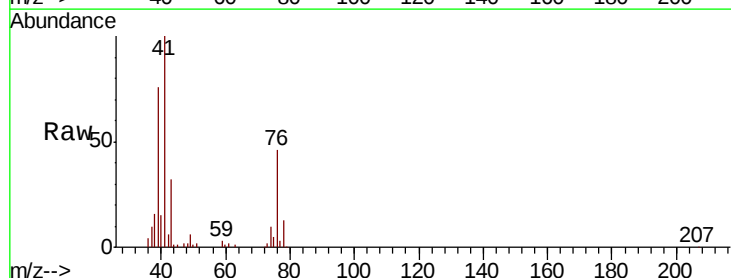
Acq: 06 Nov 2018 10:39

Tgt Ion: 43 Resp: 17541

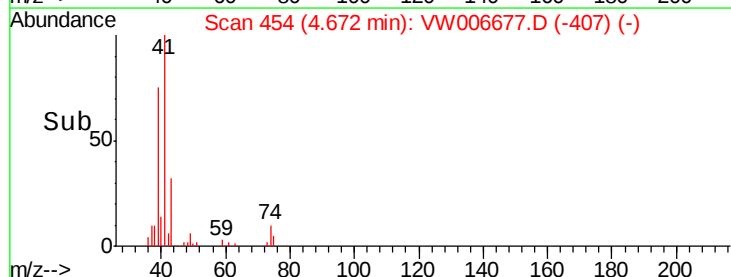
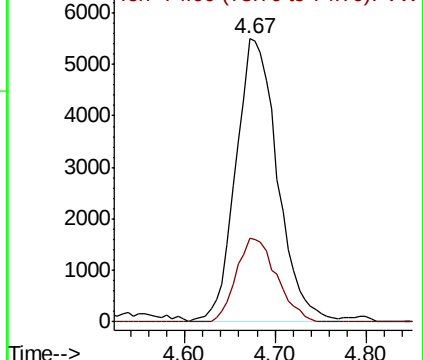
Ion Ratio Lower Upper

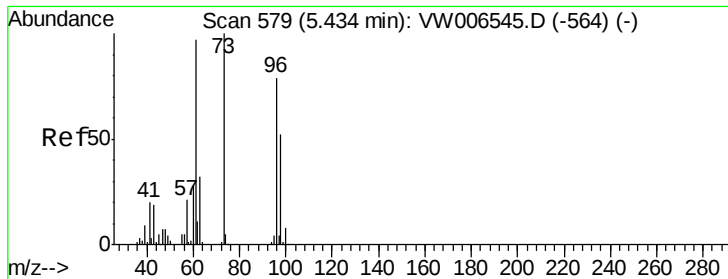
43 100

74 28.5 21.9 32.9



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

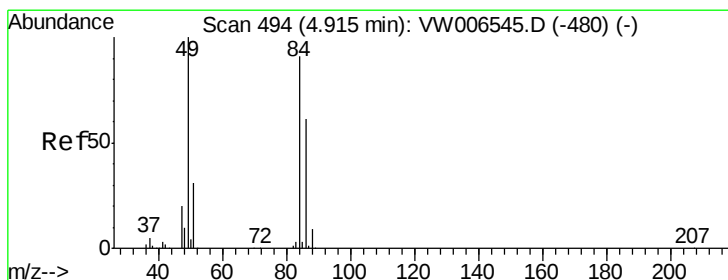
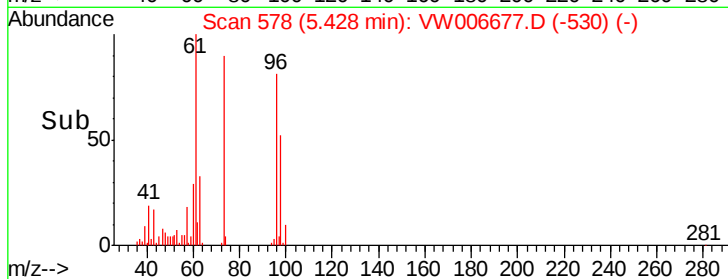
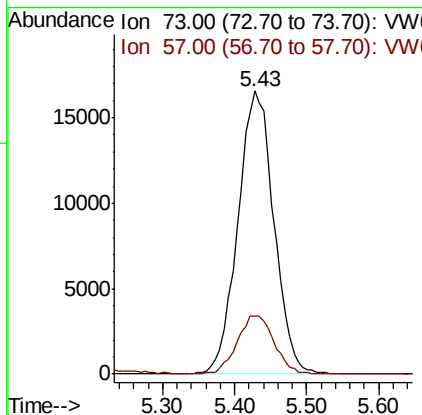
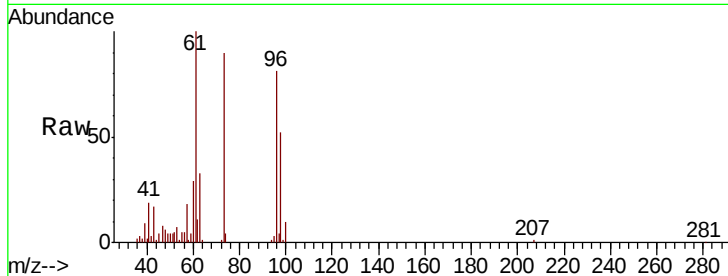




#19
Methyl tert-butyl Ether
Concen: 18.830 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

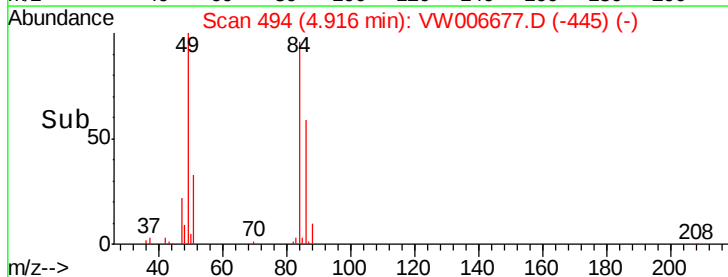
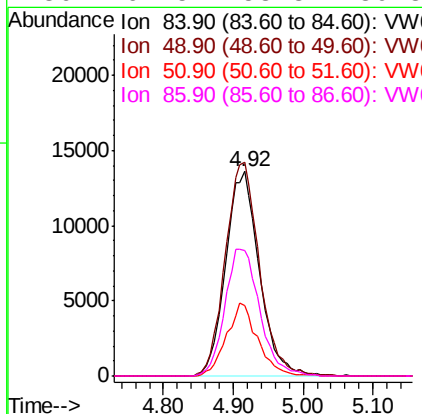
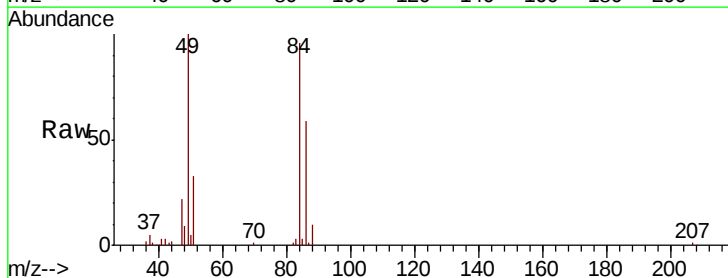
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 73 Resp: 57508
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 16.022 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 84 Resp: 45431
Ion Ratio Lower Upper
84 100
49 104.6 88.2 132.4
51 34.2 27.0 40.6
86 61.5 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 20.094 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

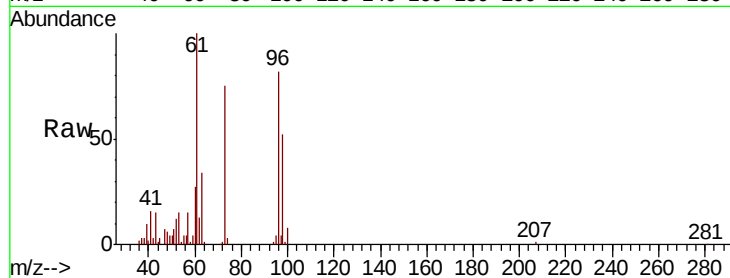
Tot Ion: 96 Resp: 46652

Ion Ratio Lower Upper

96 100

61 122.1 100.6 150.8

98 63.0 52.9 79.3

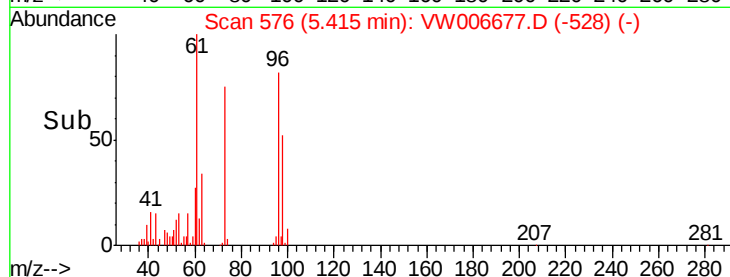
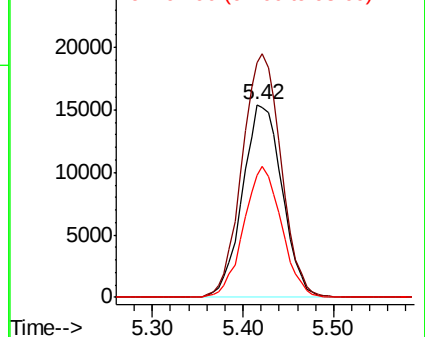


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.670 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion: 45 Resp: 109828

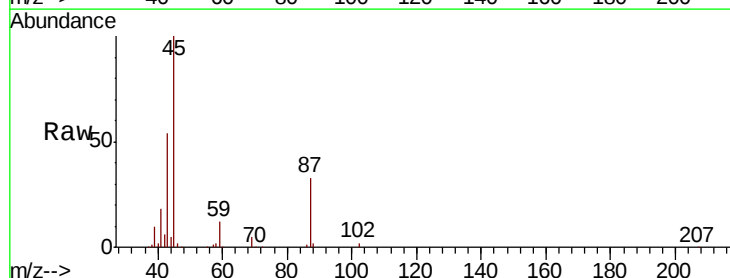
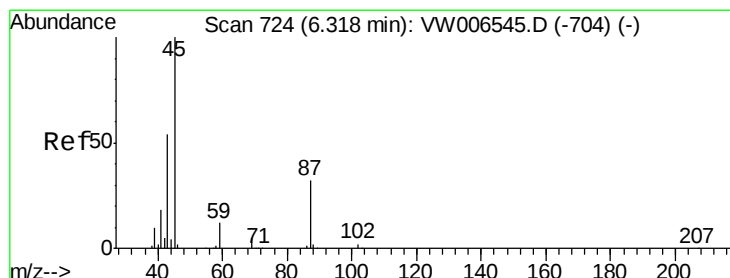
Ion Ratio Lower Upper

45 100

43 53.4 43.6 65.4

87 33.1 26.3 39.5

59 12.4 9.8 14.8



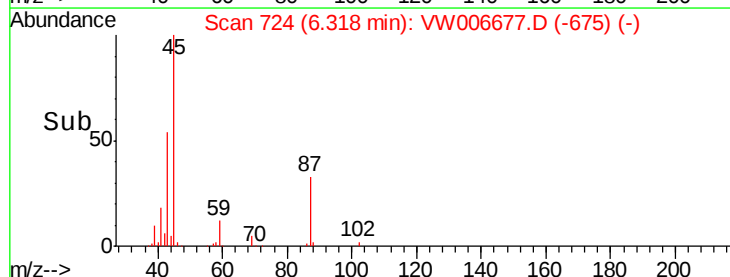
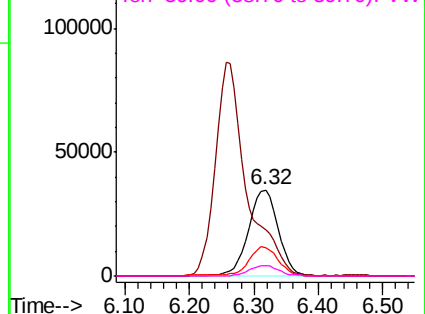
Abundance

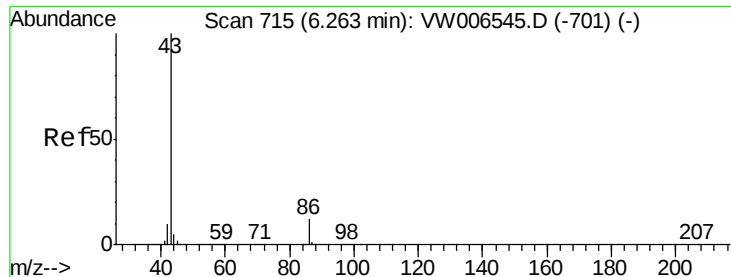
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 94.751 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

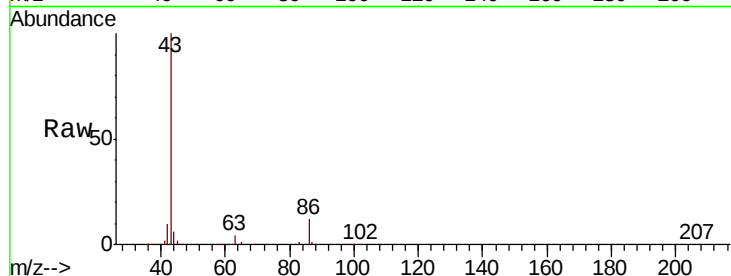
VW1105SBS02

Tot Ion: 43 Resp: 293373

Ion Ratio Lower Upper

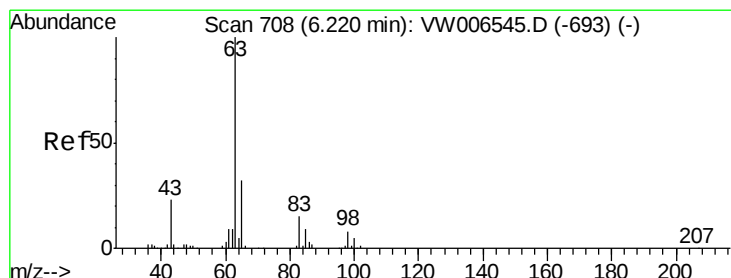
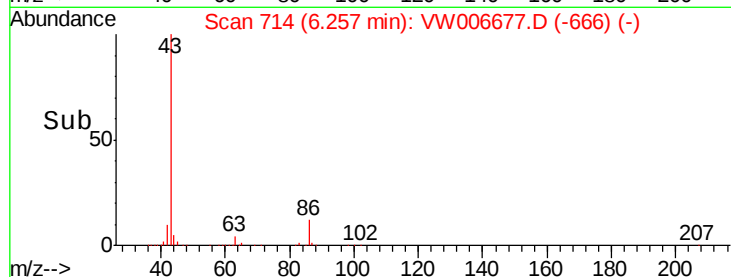
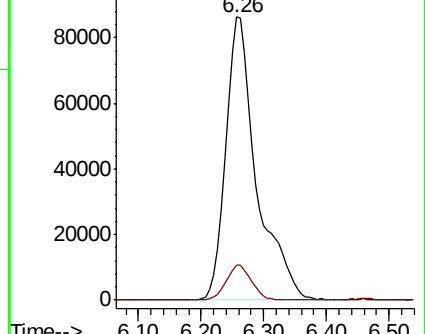
43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.895 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

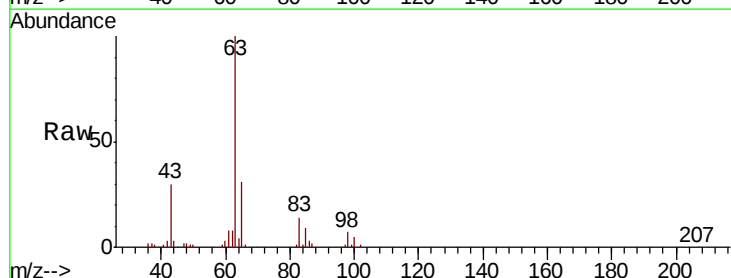
Tgt Ion: 63 Resp: 75286

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

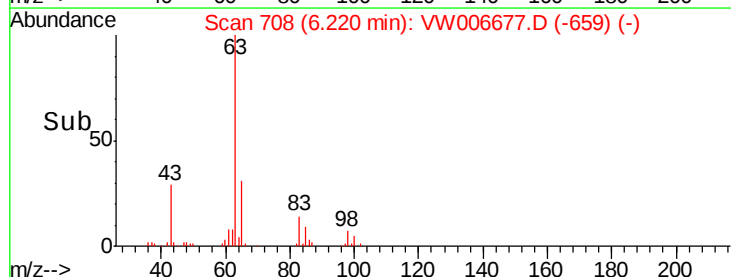
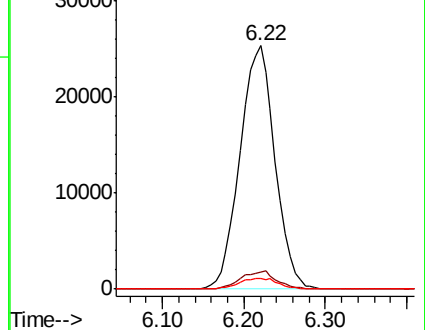
100 4.6 2.4 7.2

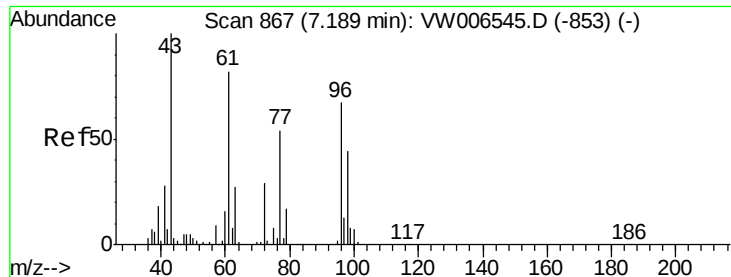


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.461 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

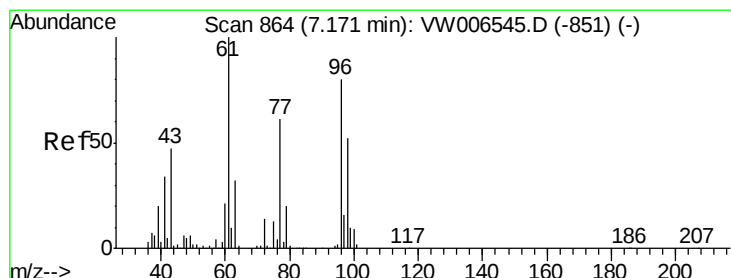
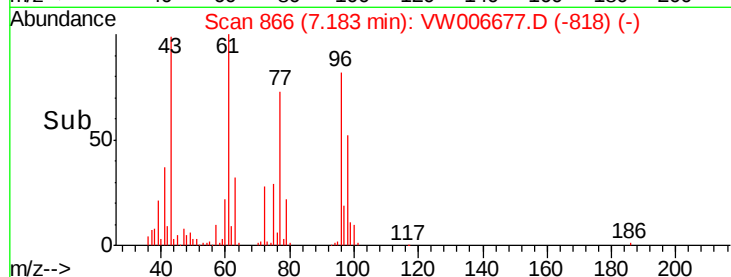
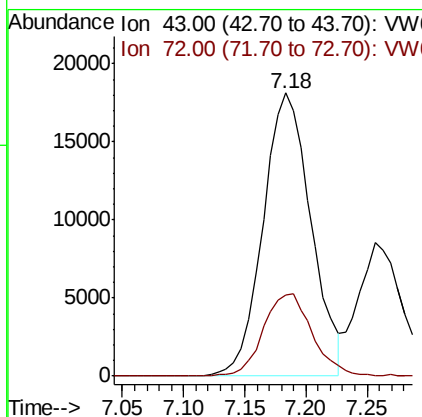
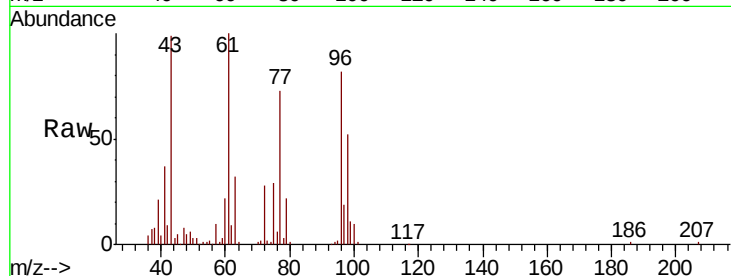
VW1105SBS02

Tot Ion: 43 Resp: 49545

Ion Ratio Lower Upper

43 100

72 28.7 23.2 34.8



#26

2,2-Dichloropropane

Concen: 22.351 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006677.D

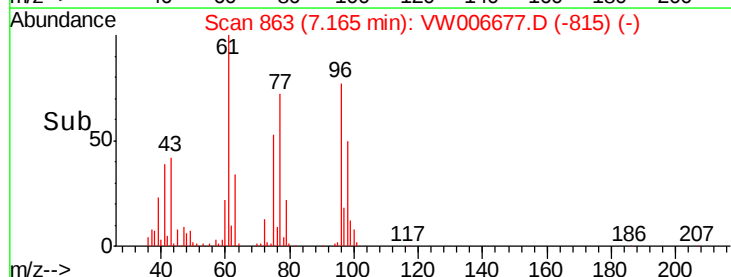
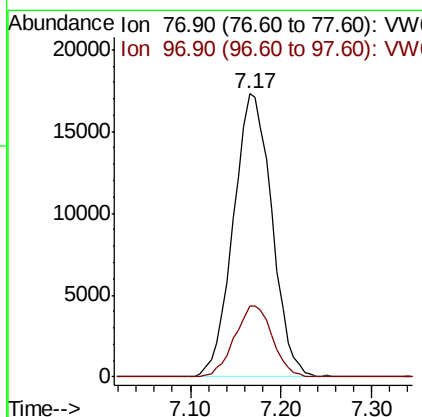
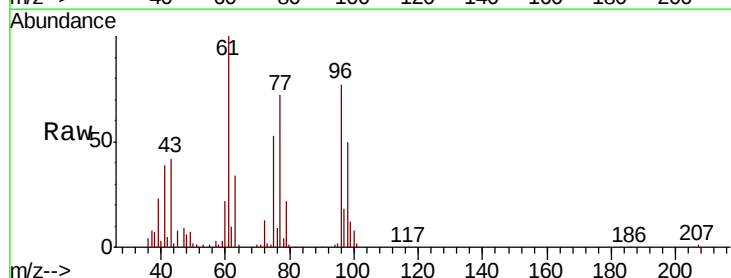
Acq: 06 Nov 2018 10:39

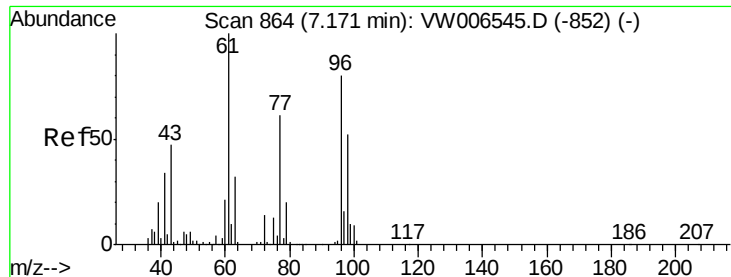
Tgt Ion: 77 Resp: 50948

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4



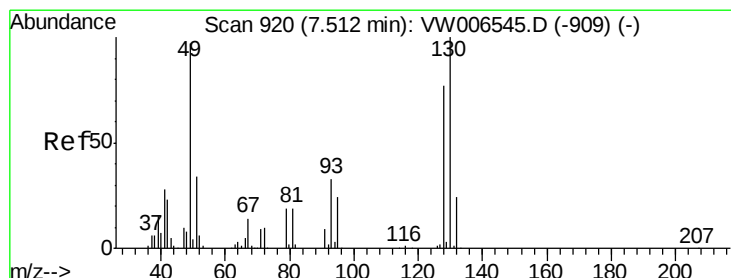
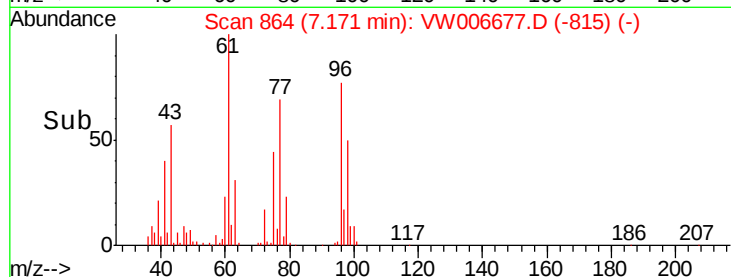
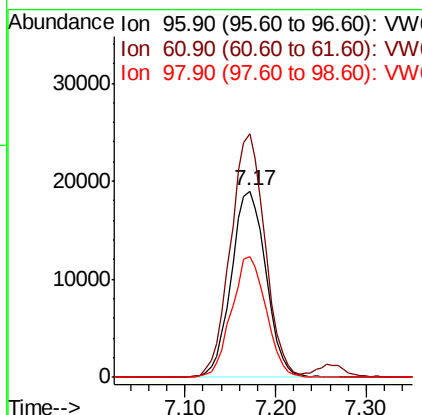
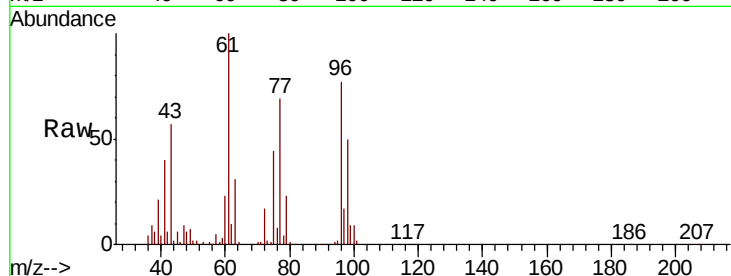


#27

cis-1,2-Dichloroethene
Concen: 19.404 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

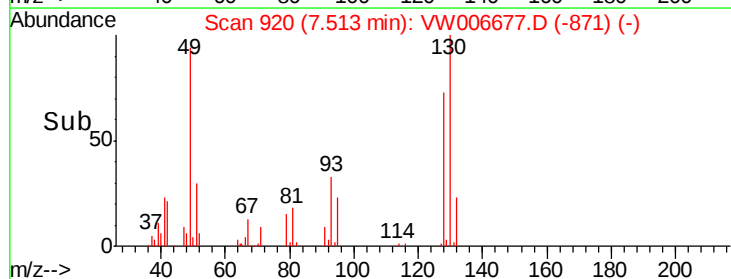
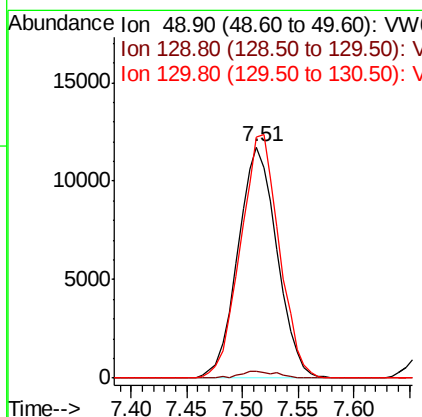
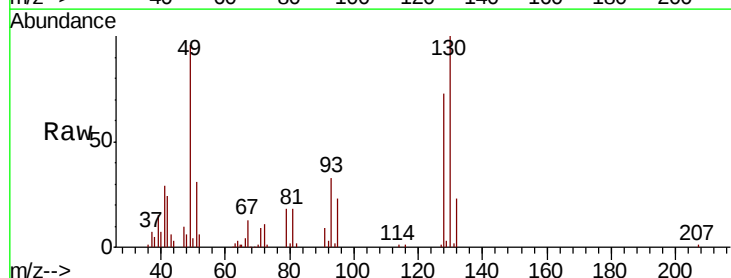
Tot Ion: 96 Resp: 50401
Ion Ratio Lower Upper
96 100
61 129.9 0.0 254.2
98 64.5 0.0 129.6

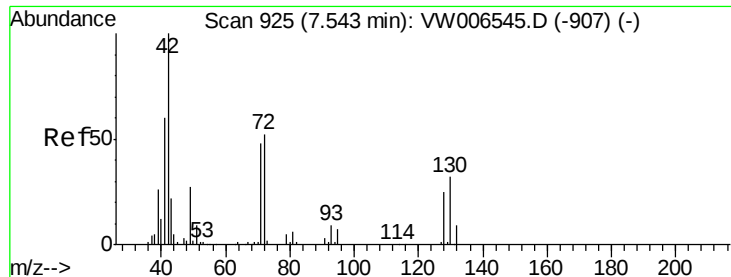


#28

Bromochloromethane
Concen: 19.050 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 49 Resp: 28624
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 104.4 82.2 123.2

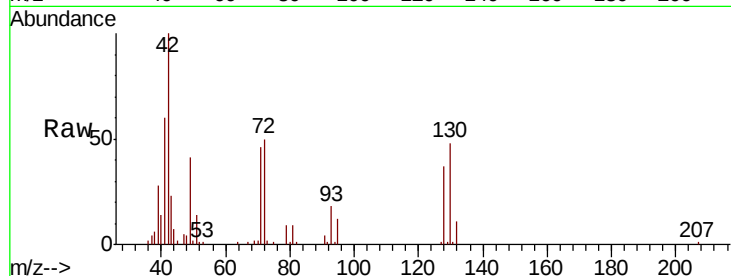




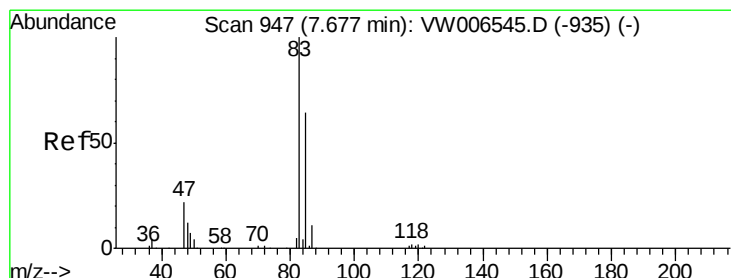
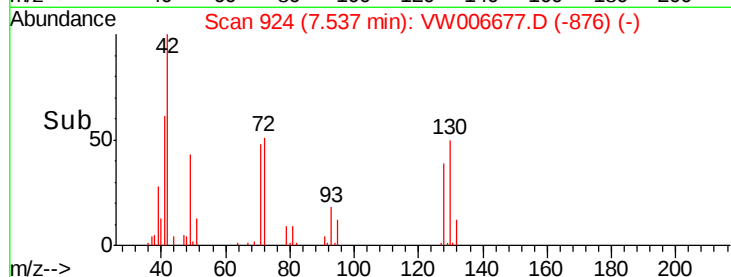
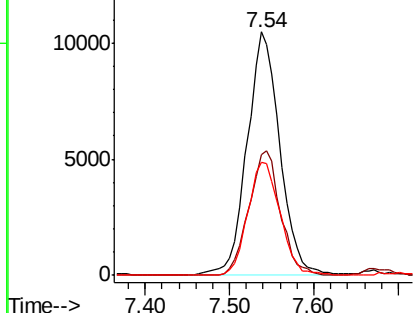
#29
Tetrahydrofuran
Concen: 89.098 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 42 Resp: 27916
Ion Ratio Lower Upper
42 100
72 49.0 39.2 58.8
71 45.5 37.6 56.4

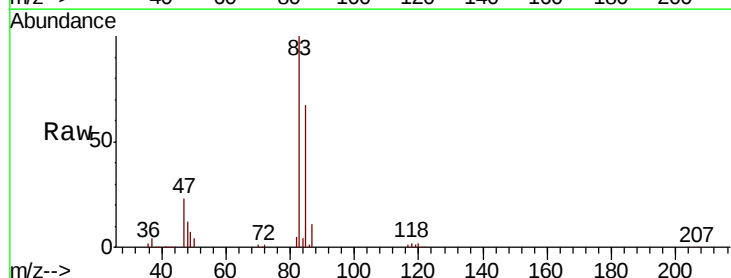


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

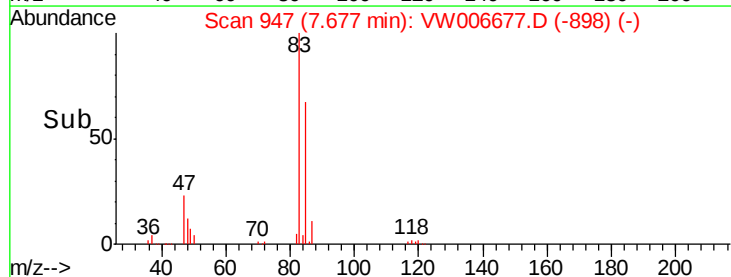
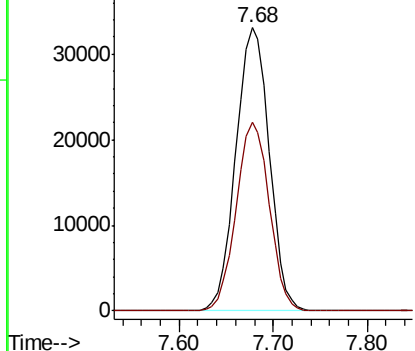


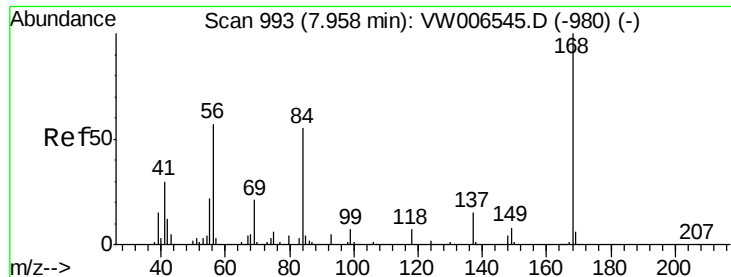
#30
Chloroform
Concen: 19.660 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 83 Resp: 81563
Ion Ratio Lower Upper
83 100
85 66.7 51.3 76.9



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

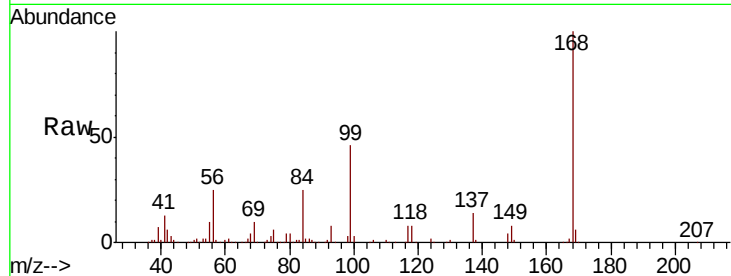




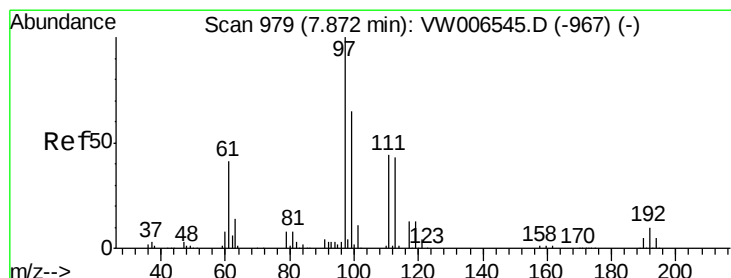
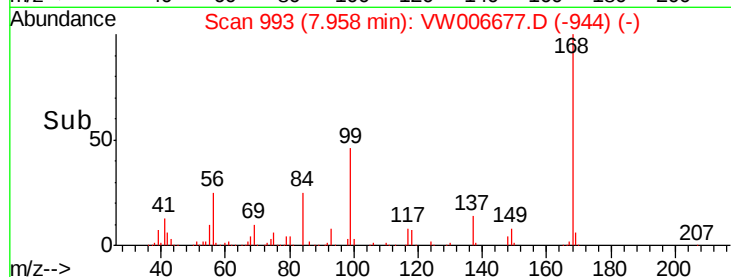
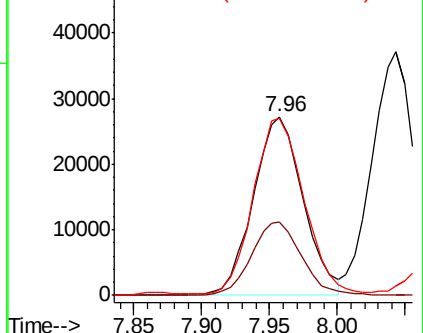
#31
Cyclohexane
Concen: 20.267 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 56 Resp: 69800
Ion Ratio Lower Upper
56 100
69 40.8 29.0 43.4
84 97.8 77.8 116.6

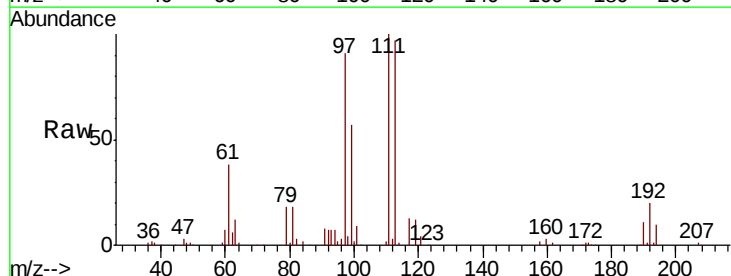


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

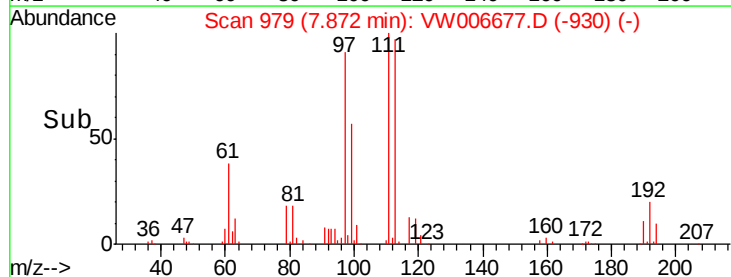
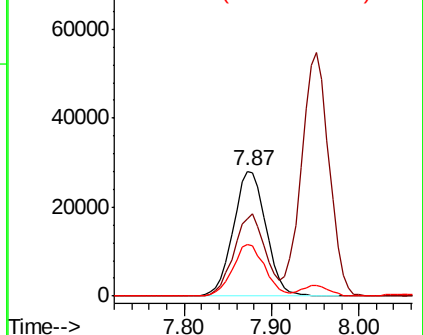


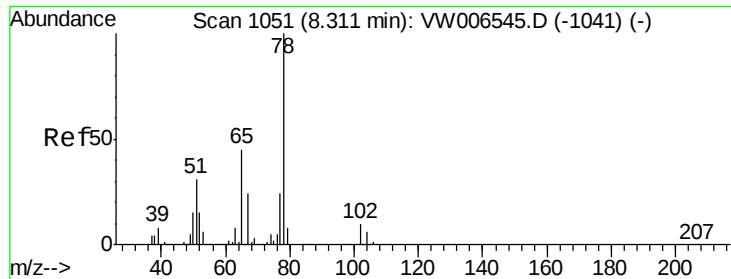
#32
1,1,1-Trichloroethane
Concen: 20.702 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 97 Resp: 72677
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 41.0 32.9 49.3



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

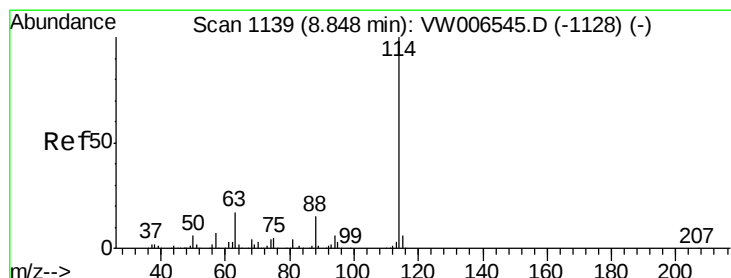
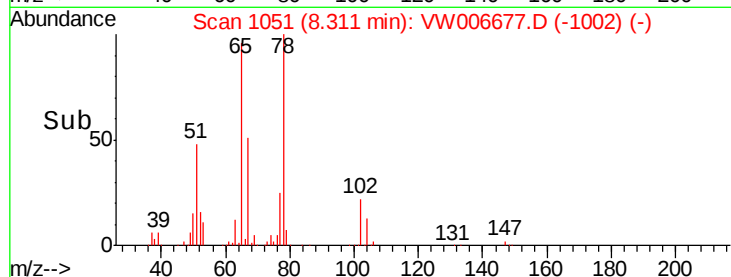
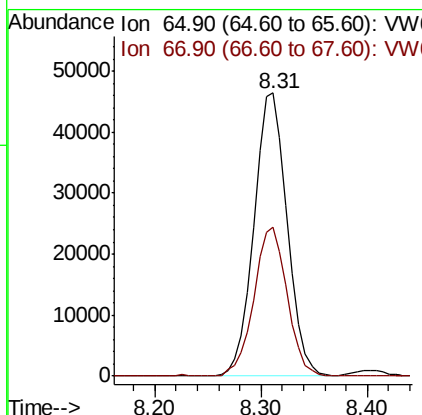
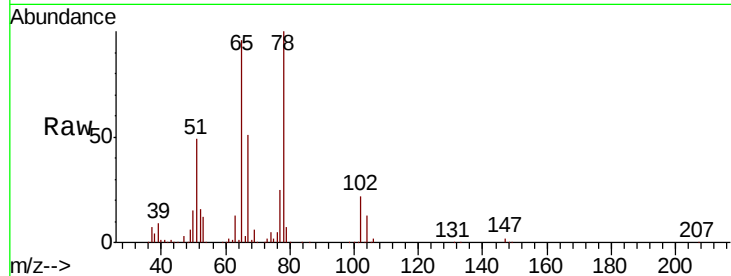




#33
 1,2-Dichloroethane-d4
 Concen: 46.903 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

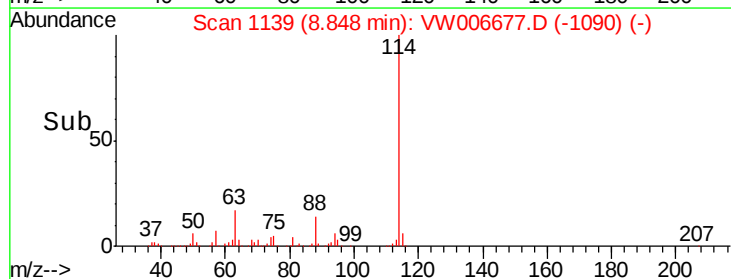
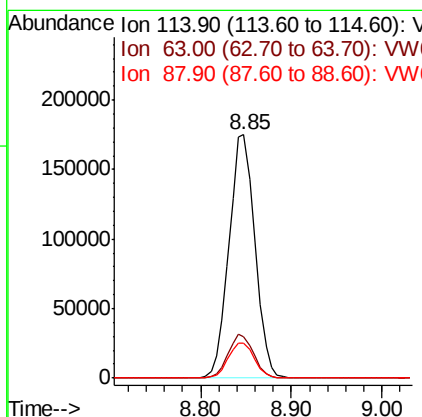
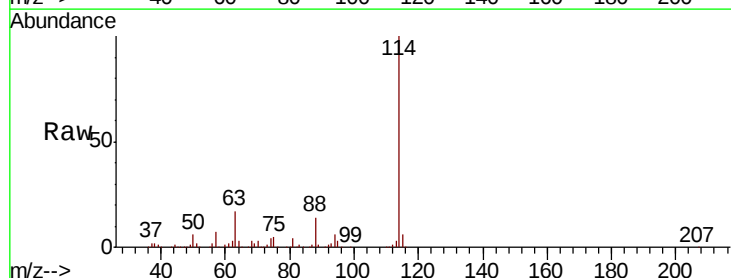
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

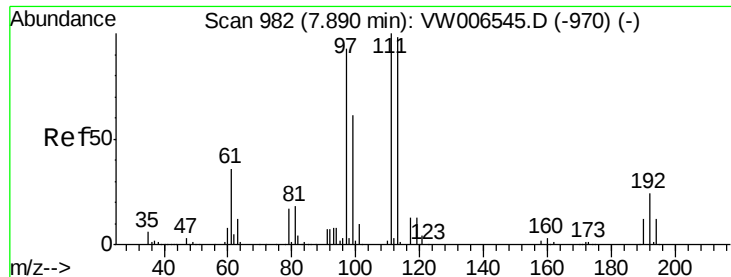
Tot Ion: 65 Resp: 101415
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion: 114 Resp: 348270
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.4 0.0 29.0

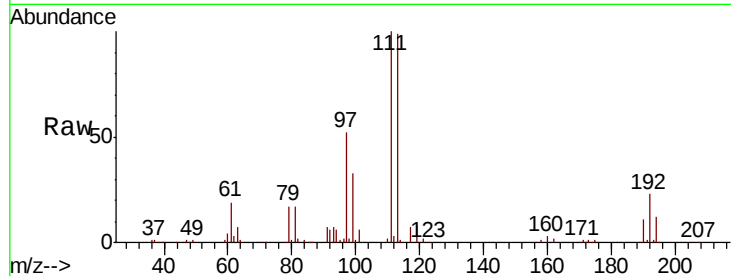




#35
 Dibromofluoromethane
 Concen: 49.997 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.6	19.0	28.6

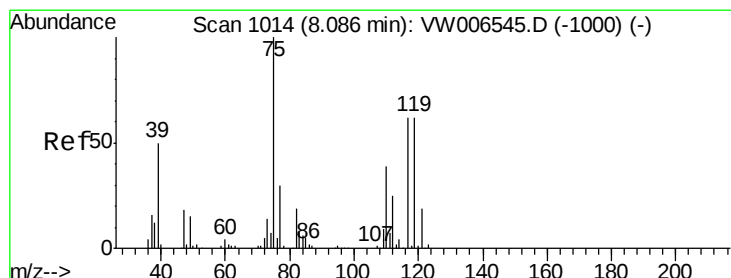
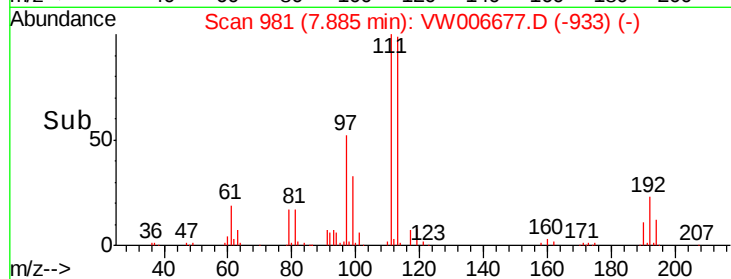
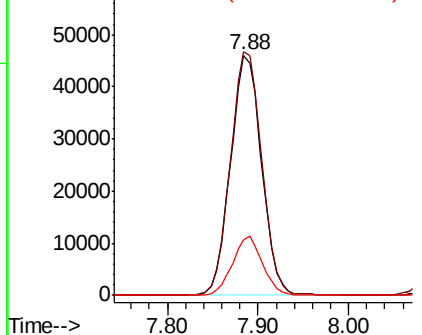


Abundance

Ion 112.80 (112.50 to 113.50): V

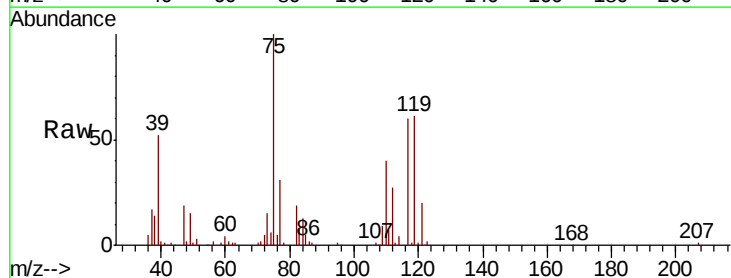
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.310 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.5	58.5
77	30.8	24.6	37.0

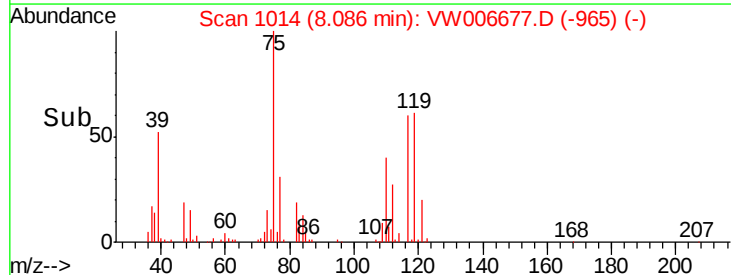
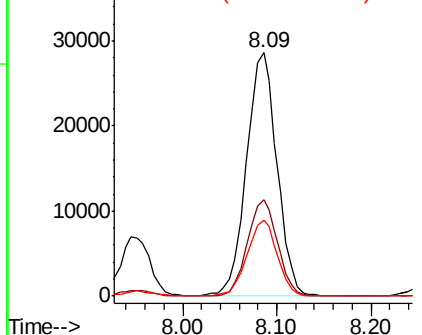


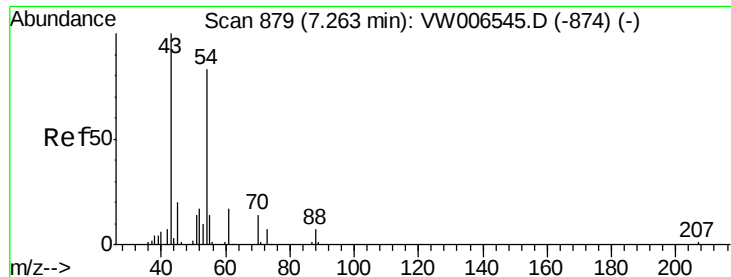
Abundance

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

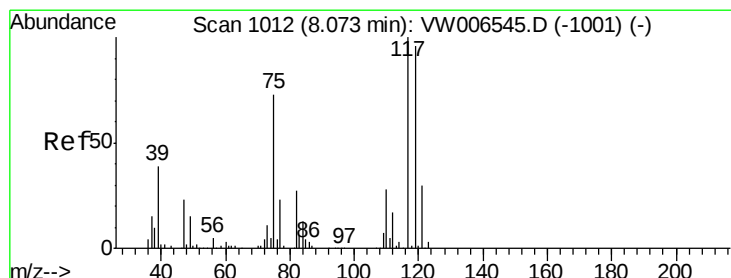
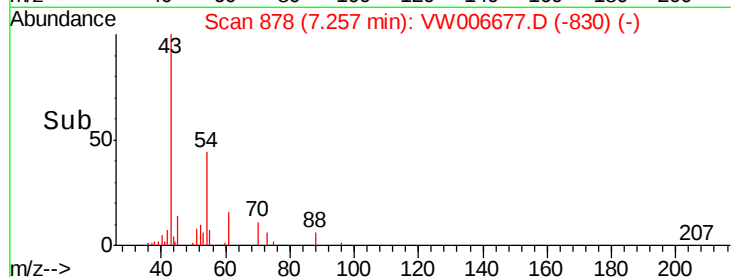
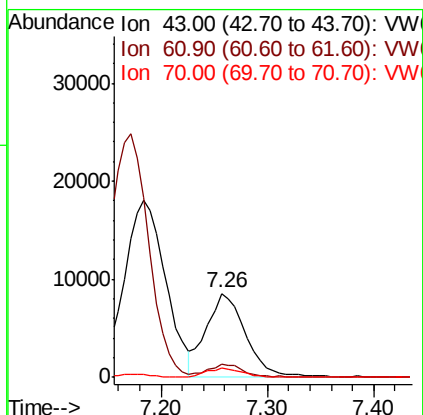
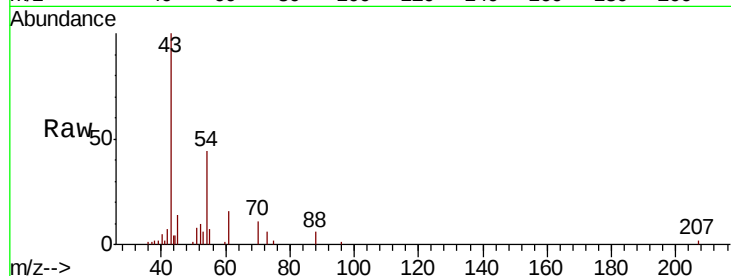




#37
Ethyl Acetate
Concen: 20.478 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

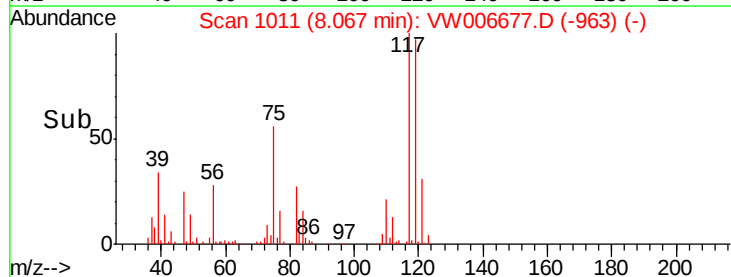
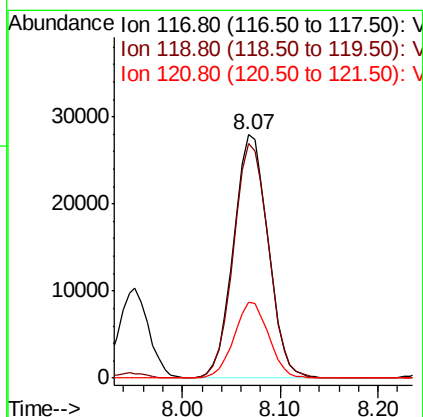
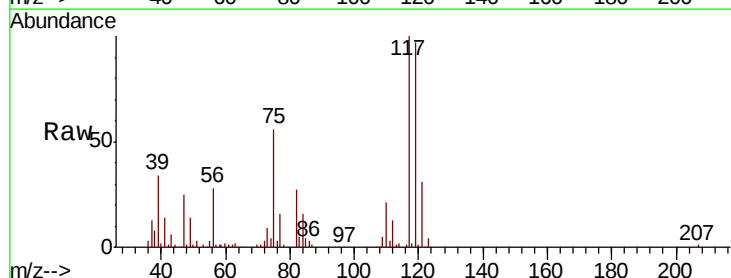
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

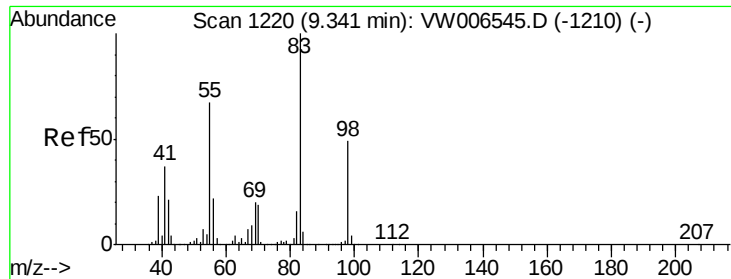
Tot Ion: 43 Resp: 21734
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 10.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 21.572 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 117 Resp: 69037
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5
121 31.2 24.1 36.1

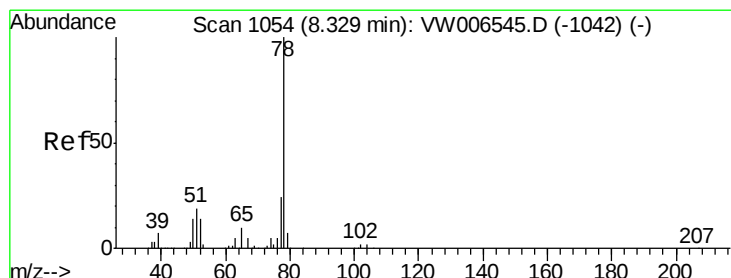
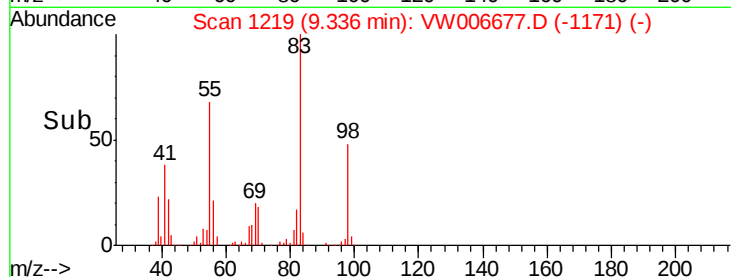
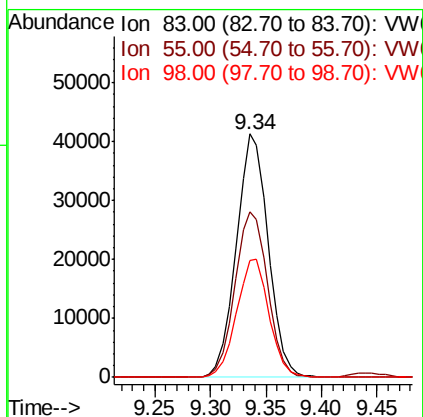
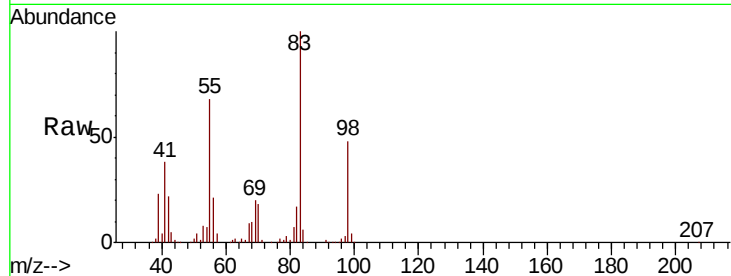




#39
Methvlcvclohexane
Concen: 21.087 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

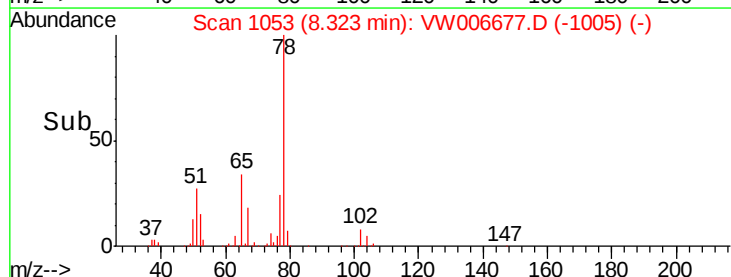
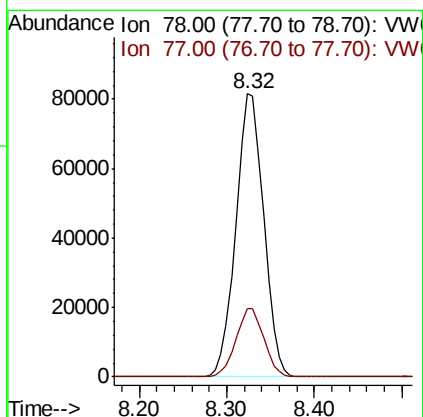
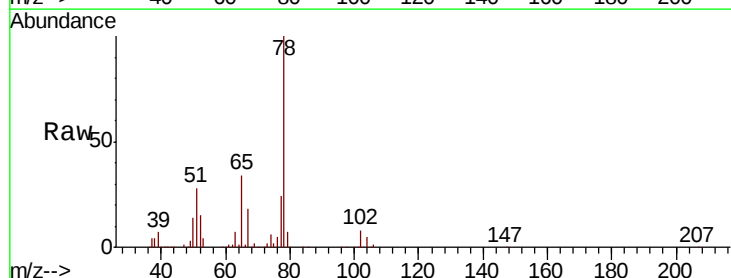
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

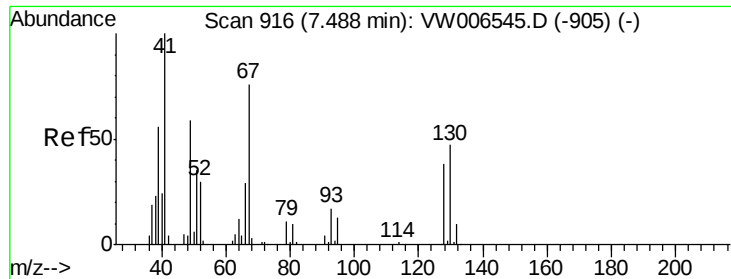
Tot Ion: 83 Resp: 81959
Ion Ratio Lower Upper
83 100
55 68.1 53.7 80.5
98 48.0 39.2 58.8



#40
Benzene
Concen: 20.797 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 78 Resp: 180919
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

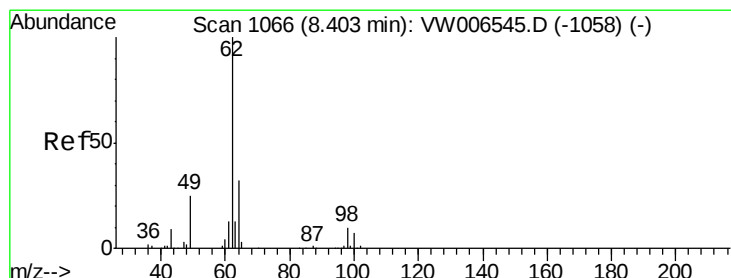
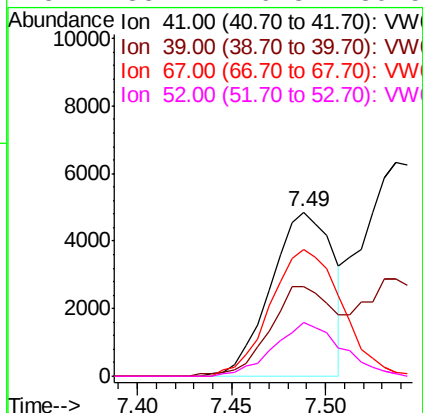
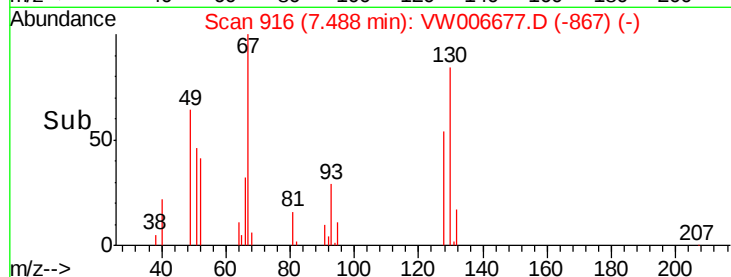
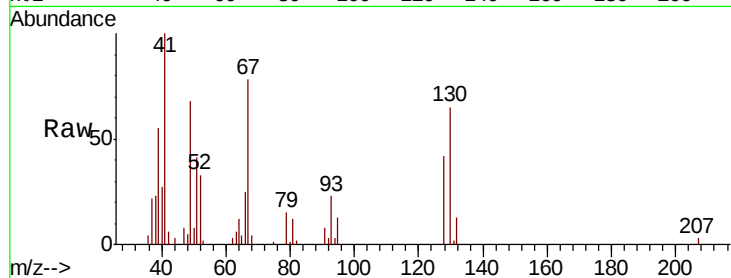




#41
Methacrylonitrile
Concen: 17.106 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

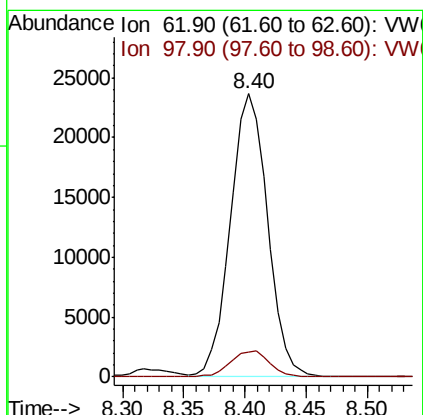
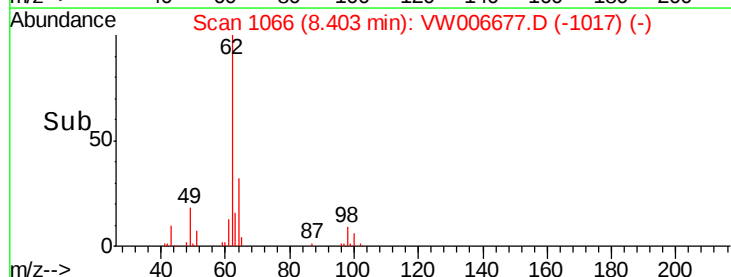
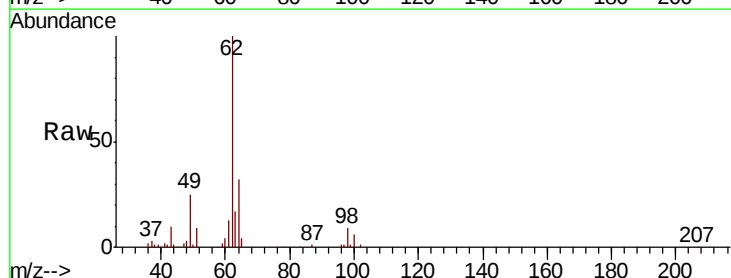
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

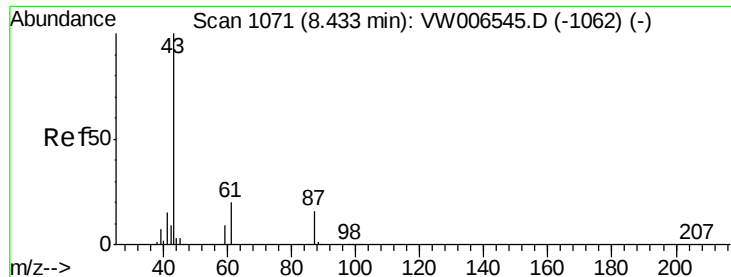
Tot Ion:	41	Resp:	11133
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	88.1	63.8	95.8
52	35.7	26.3	39.5



#42
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:	62	Resp:	49907
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.970 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

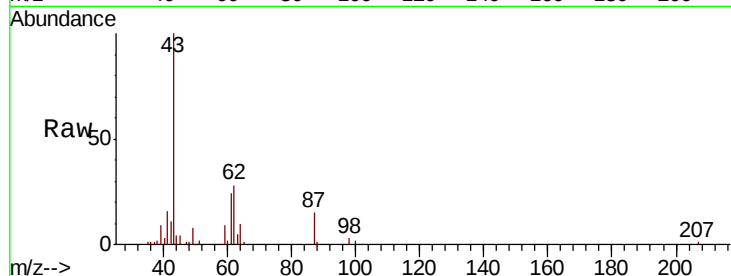
Tot Ion: 43 Resp: 40177

Ion Ratio Lower Upper

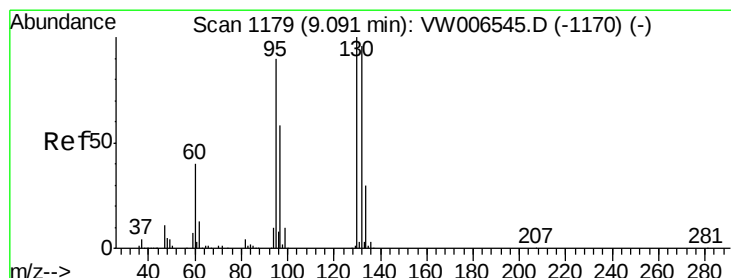
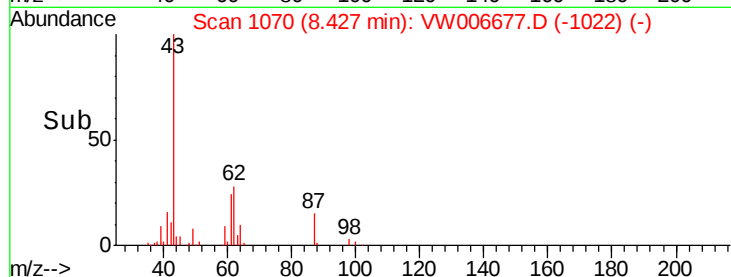
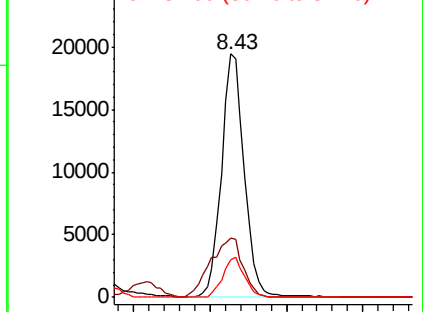
43 100

61 34.6 27.2 40.8

87 15.4 12.9 19.3



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



#44

Trichloroethene

Concen: 20.880 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006677.D

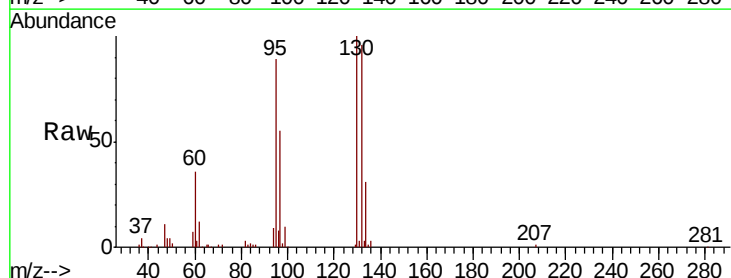
Acq: 06 Nov 2018 10:39

Tgt Ion:130 Resp: 56052

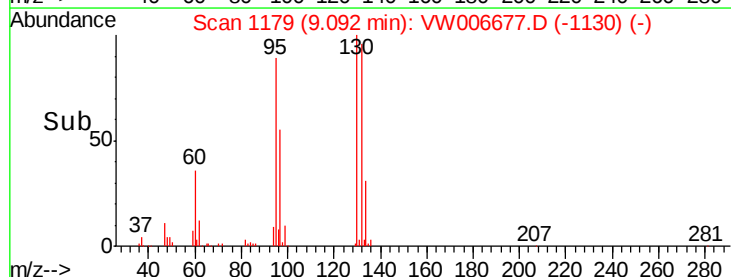
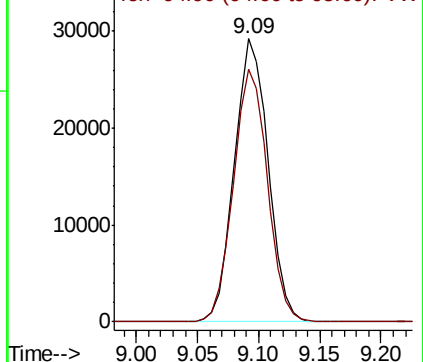
Ion Ratio Lower Upper

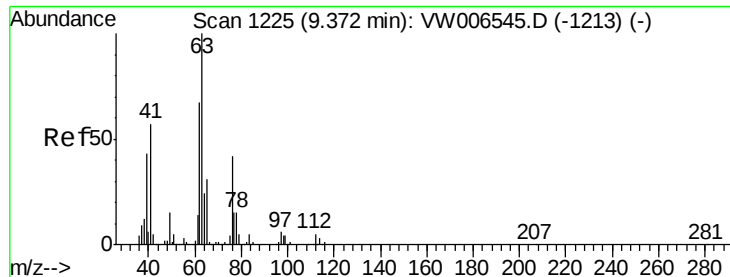
130 100

95 89.3 0.0 179.2



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





#45

1,2-Dichloropropane

Concen: 20.873 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

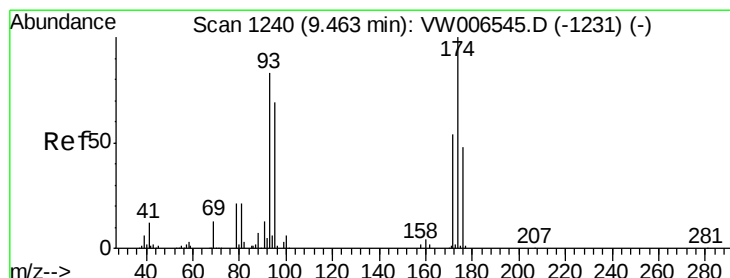
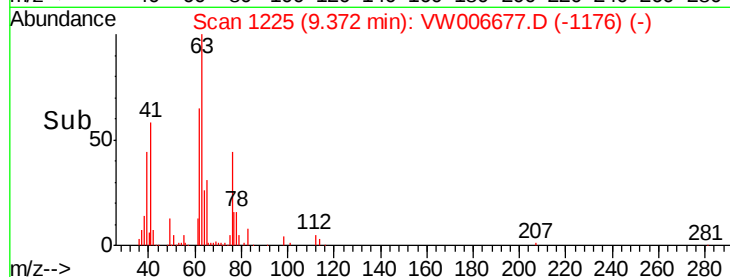
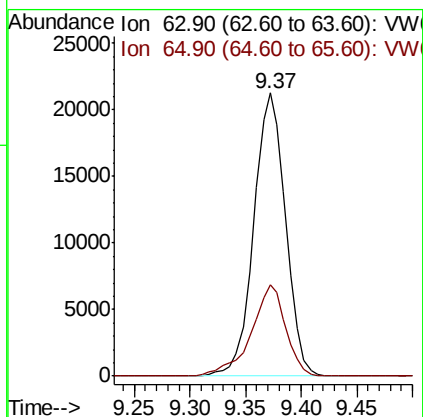
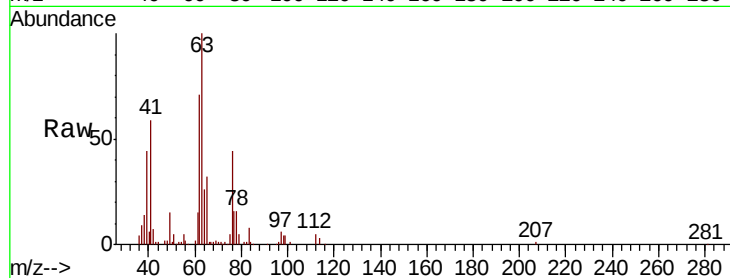
VW1105SBS02

Tot Ion: 63 Resp: 42257

Ion Ratio Lower Upper

63 100

65 32.2 25.1 37.7



#46

Dibromomethane

Concen: 20.286 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

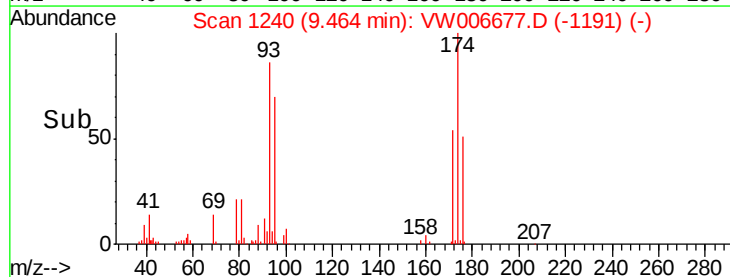
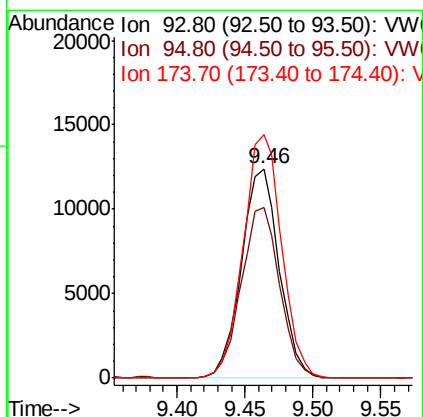
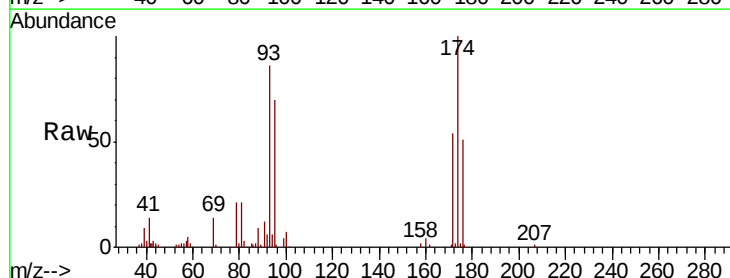
Tgt Ion: 93 Resp: 24142

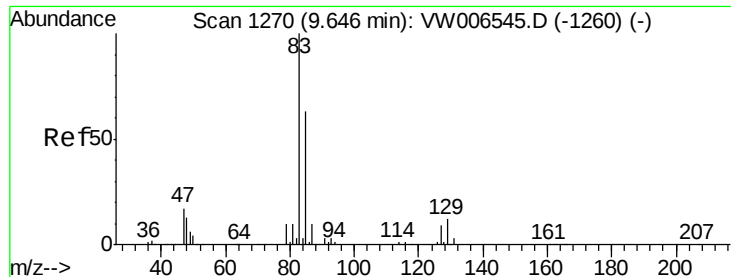
Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 118.2 97.3 145.9

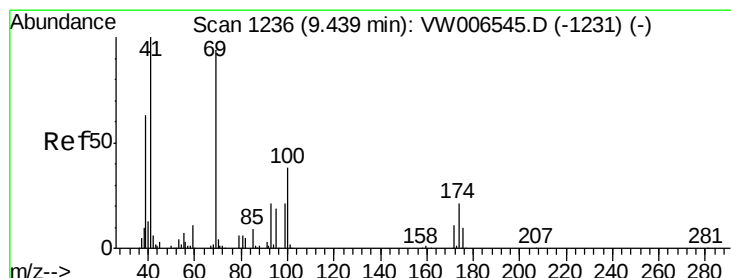
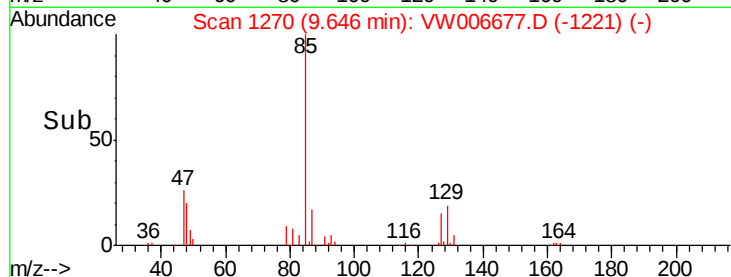
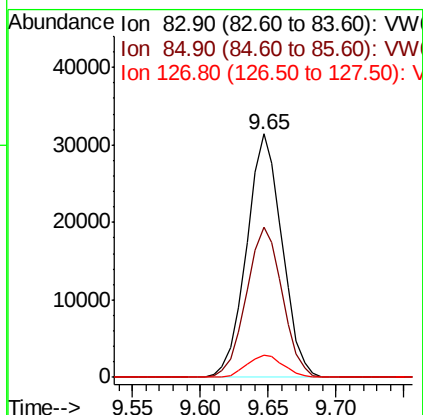
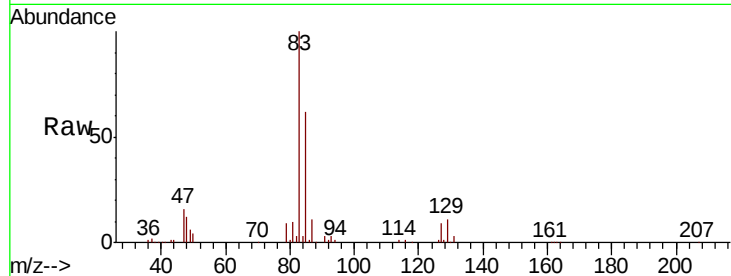




#47
 Bromodichloromethane
 Concen: 20.686 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

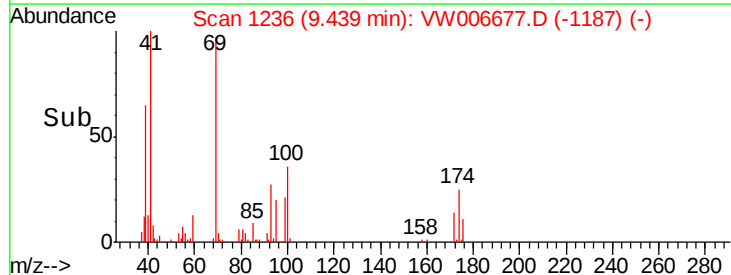
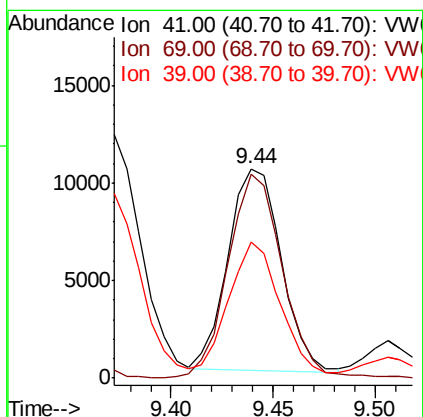
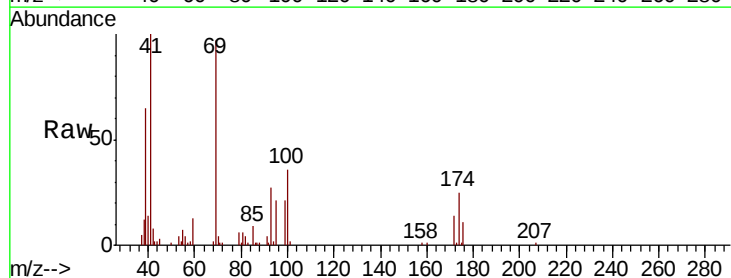
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

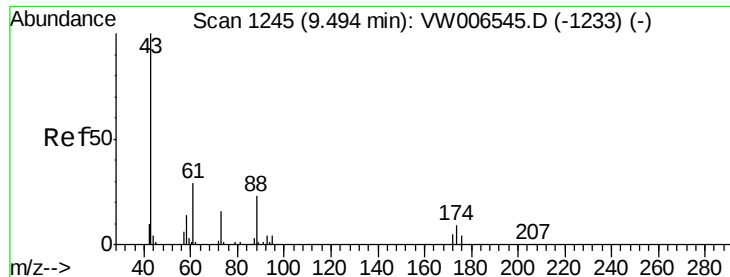
Tot Ion	83	Resp	57160
Ion Ratio	100		
Lower	50.6		
Upper	75.8		
85	61.6		
127	9.2		



#48
 Methyl methacrylate
 Concen: 18.249 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion	41	Resp	18621
Ion Ratio	100		
Lower	77.8		
Upper	116.8		
69	104.7		
39	62.4		

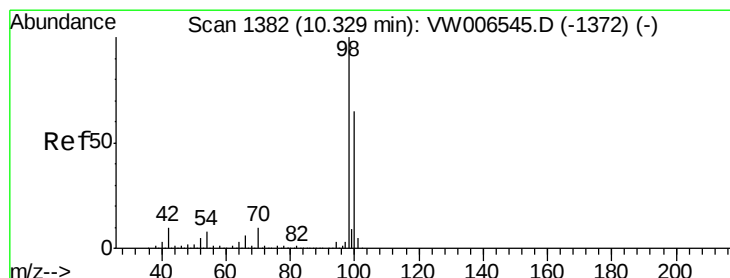
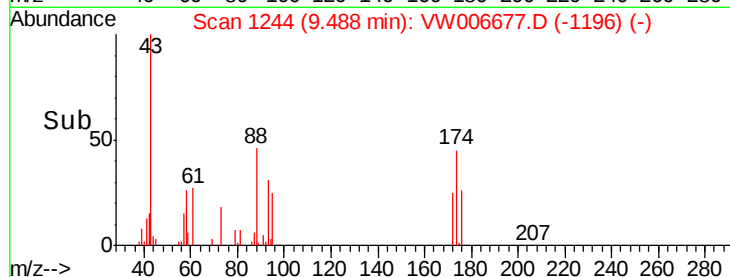
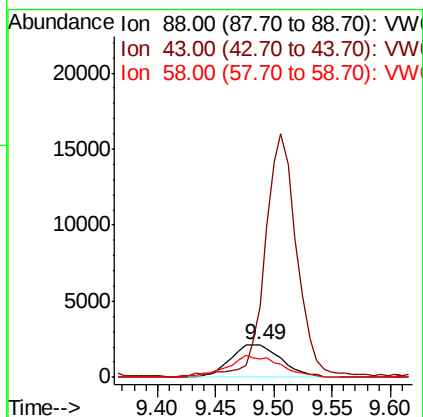
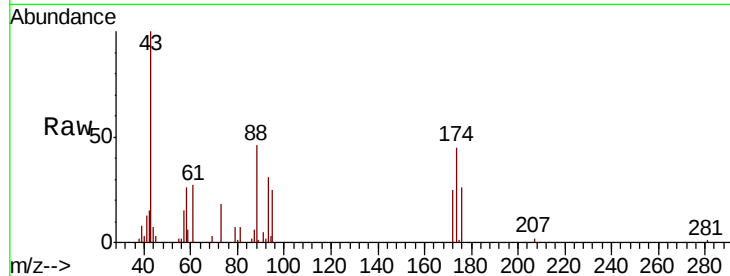




#49
1,4-Dioxane
Concen: 378.151 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

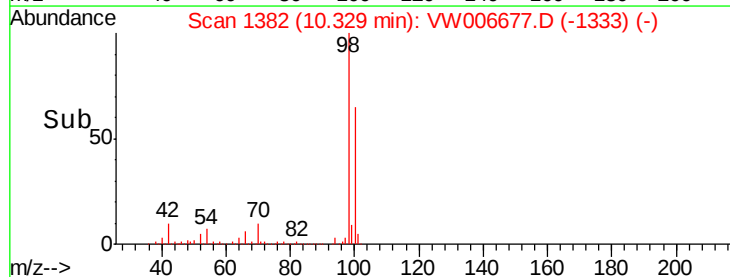
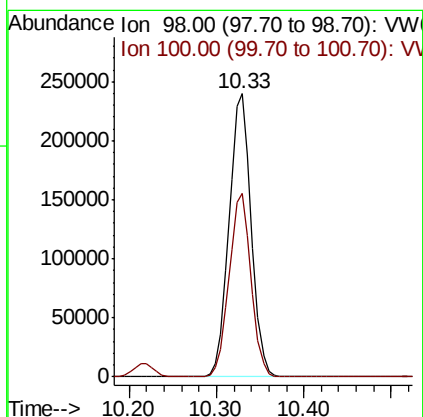
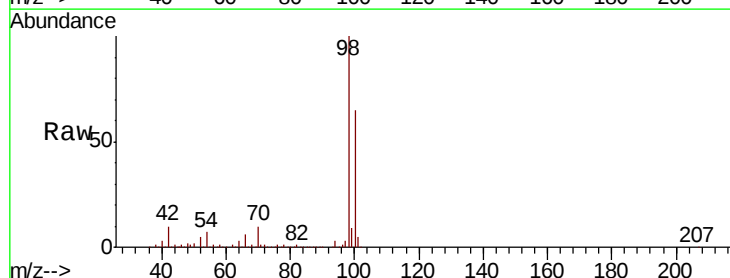
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

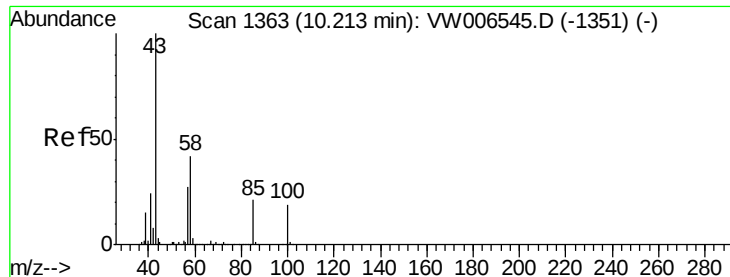
Tot Ion: 88 Resp: 6586
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 67.2 51.4 77.2



#50
Toluene-d8
Concen: 50.510 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 98 Resp: 420266
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 94.782 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

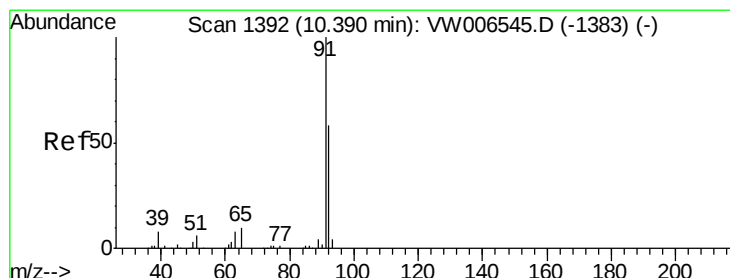
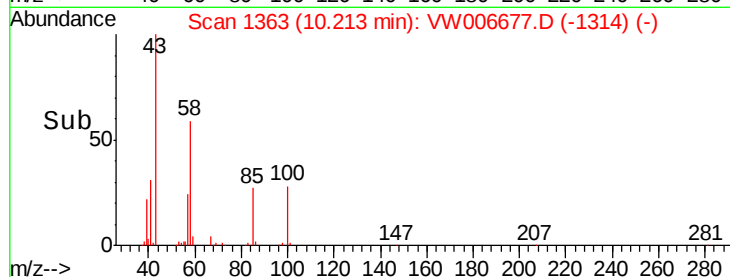
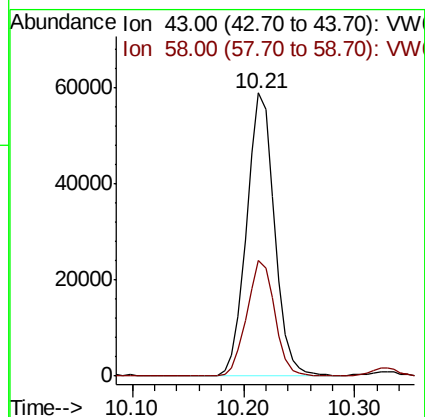
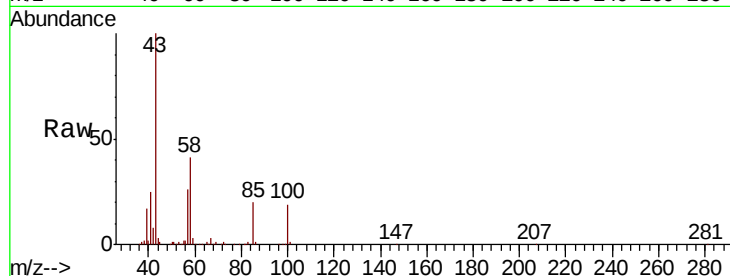
VW1105SBS02

Tot Ion: 43 Resp: 103097

Ion Ratio Lower Upper

43 100

58 40.8 33.4 50.0



#52

Toluene

Concen: 20.674 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006677.D

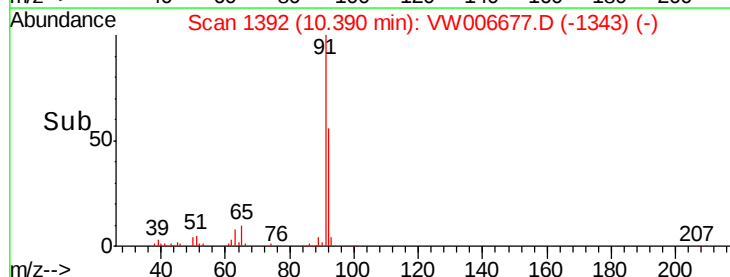
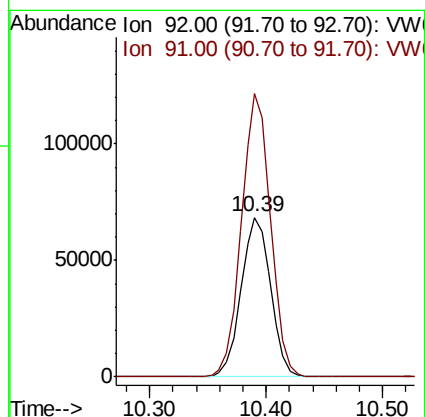
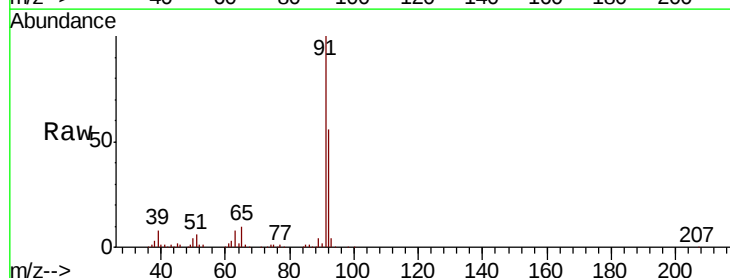
Acq: 06 Nov 2018 10:39

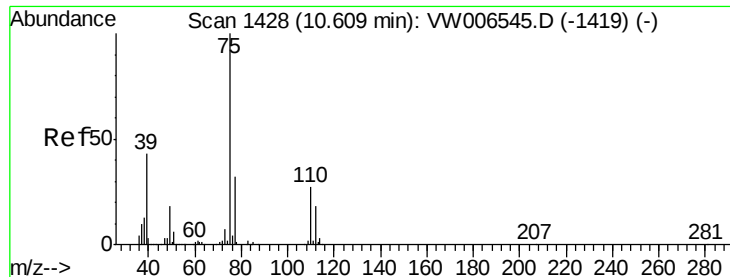
Tgt Ion: 92 Resp: 120629

Ion Ratio Lower Upper

92 100

91 175.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.159 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

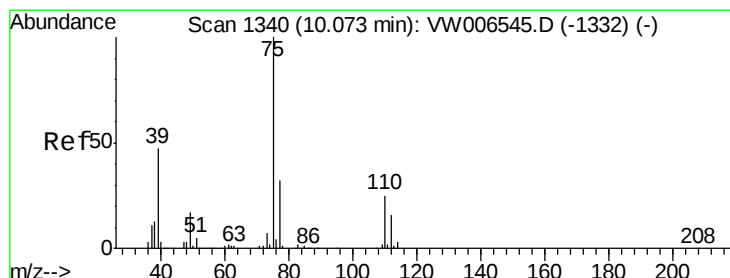
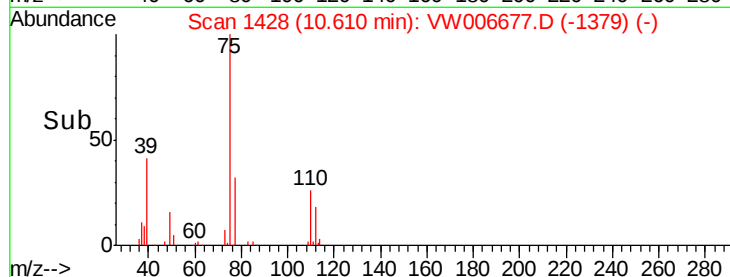
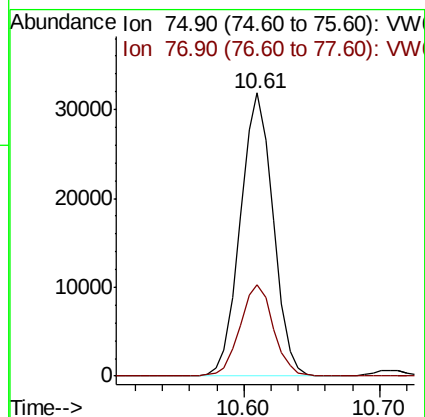
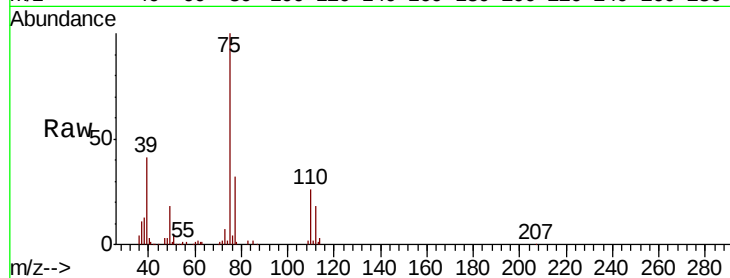
VW1105SBS02

Tot Ion: 75 Resp: 53609

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.179 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

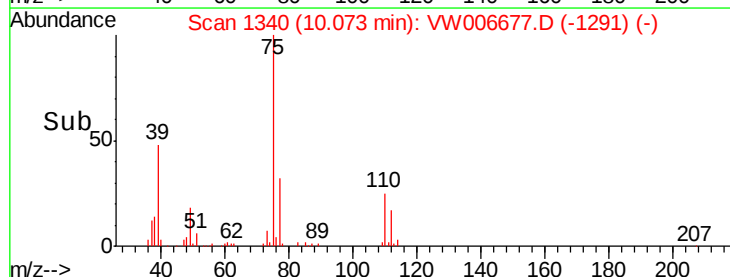
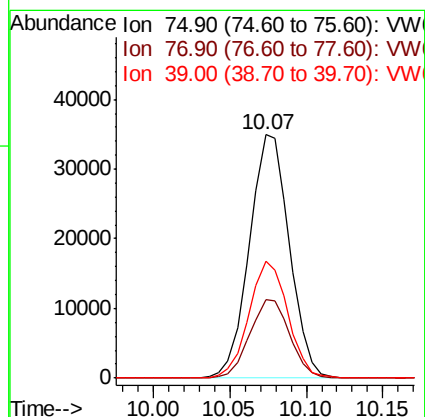
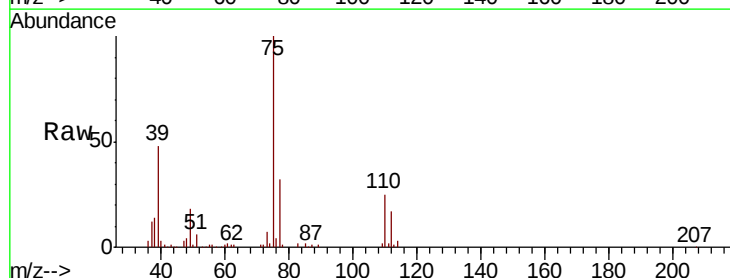
Tgt Ion: 75 Resp: 63413

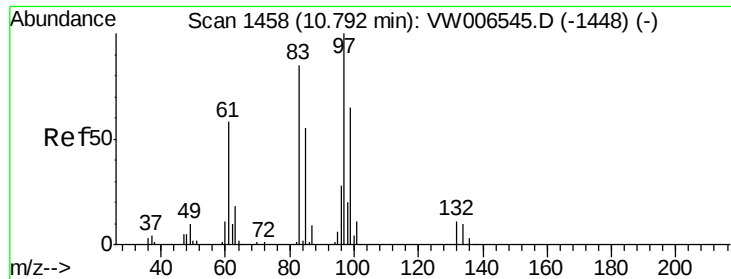
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 48.1 37.3 55.9

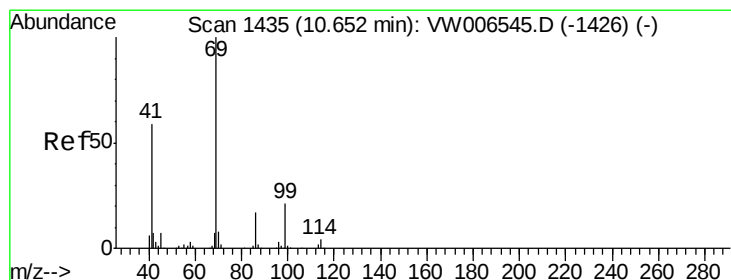
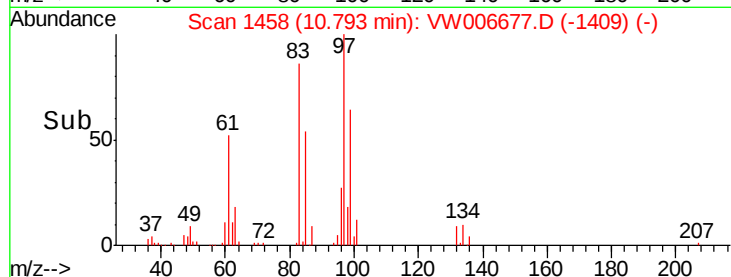
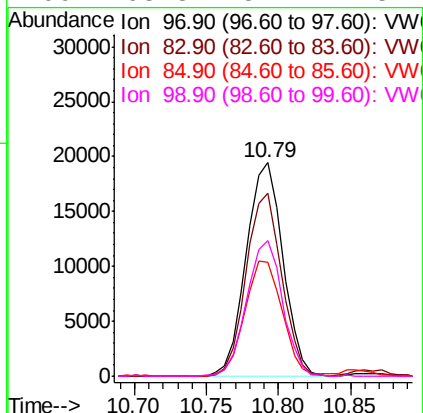
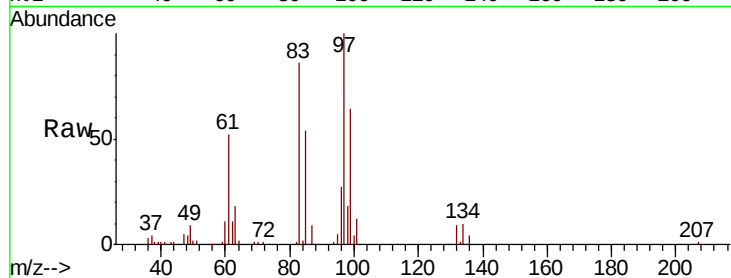




#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

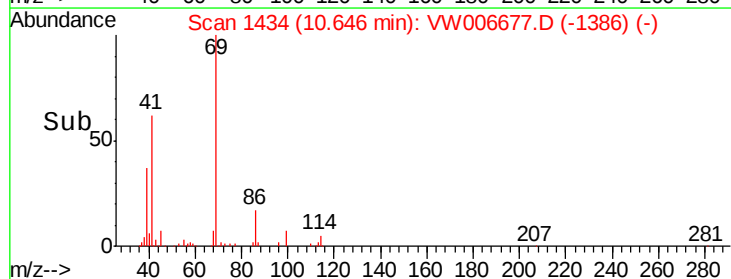
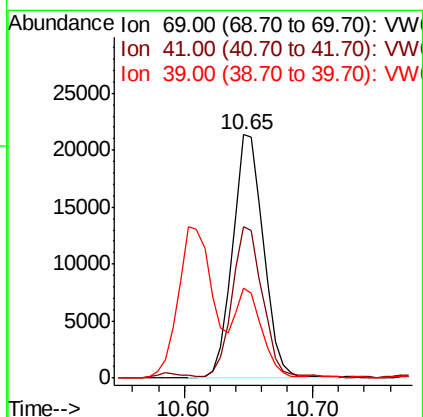
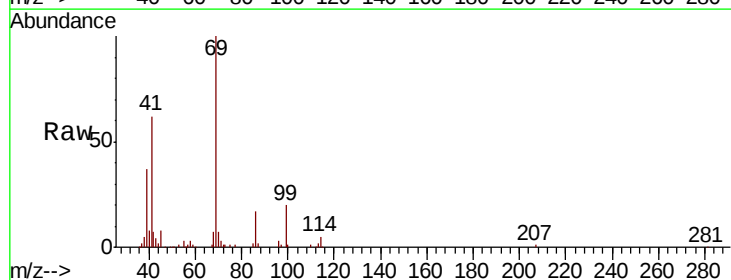
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

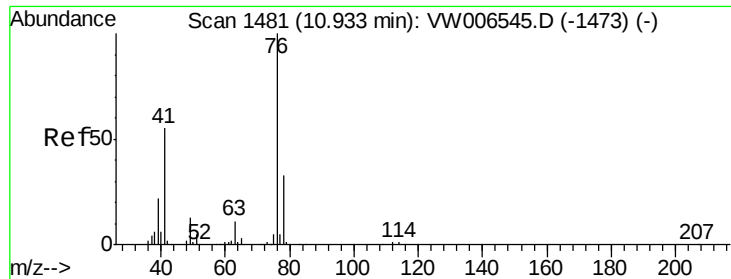
Tot Ion:	97	Resp:	34230
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.9	101.9
85	53.6	44.0	66.0
99	63.8	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 18.600 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion:	69	Resp:	35697
Ion	Ratio	Lower	Upper
69	100		
41	62.2	47.4	71.2
39	30.6	25.3	37.9

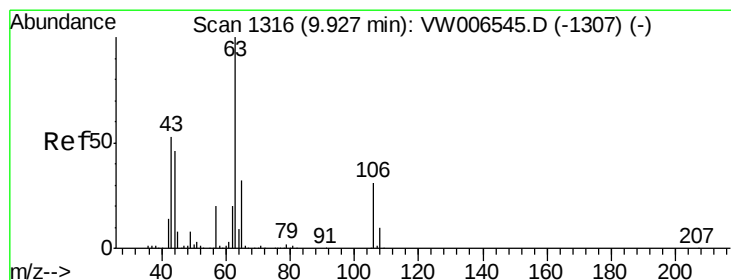
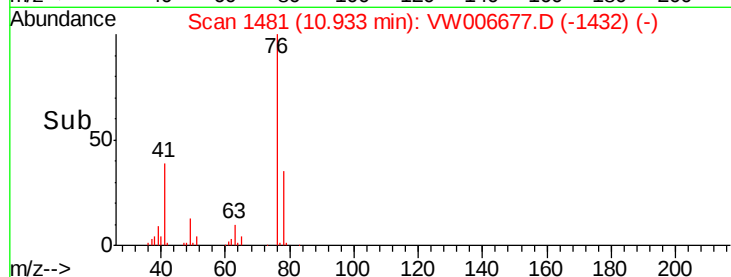
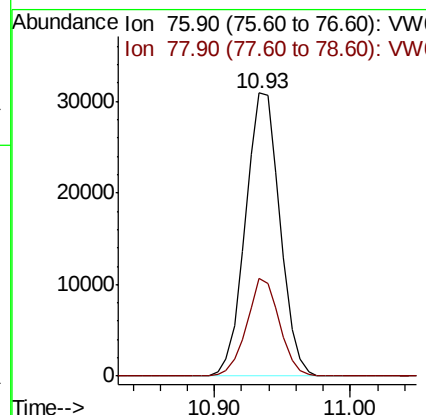
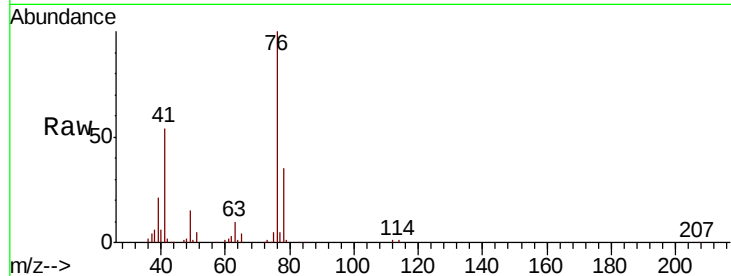




#57
 1,3-Dichloropropane
 Concen: 20.016 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

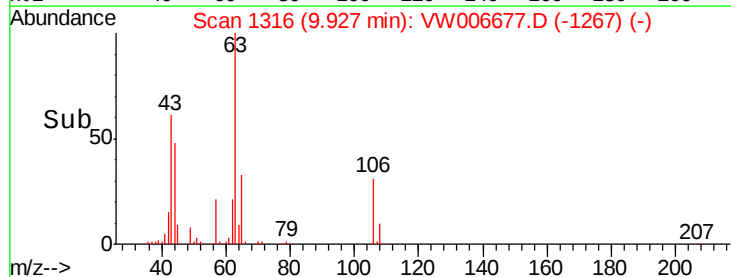
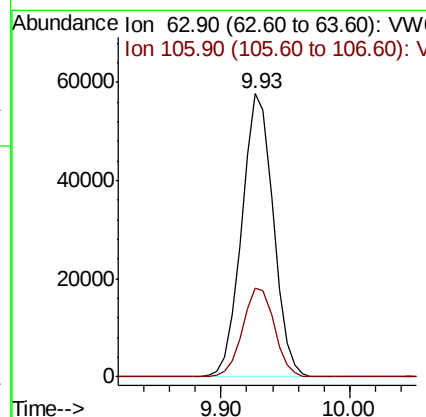
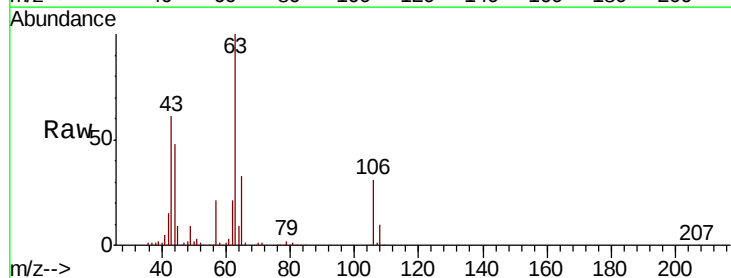
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

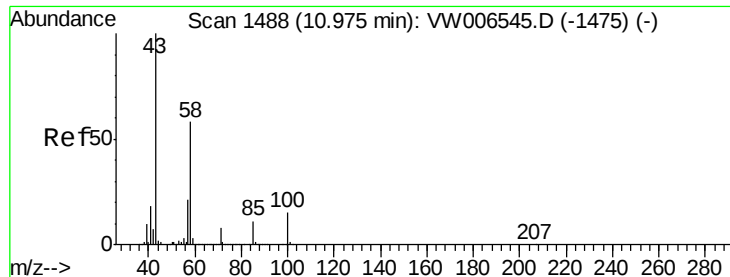
Tot Ion: 76 Resp: 54881
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.421 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion: 63 Resp: 97417
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2

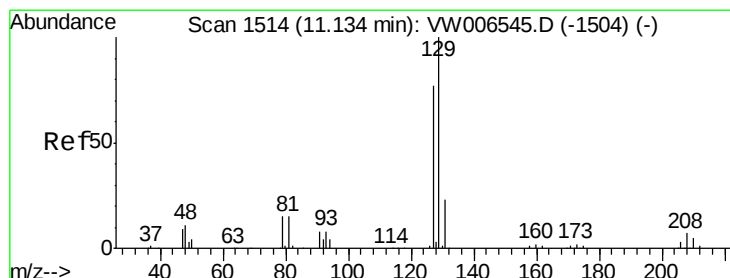
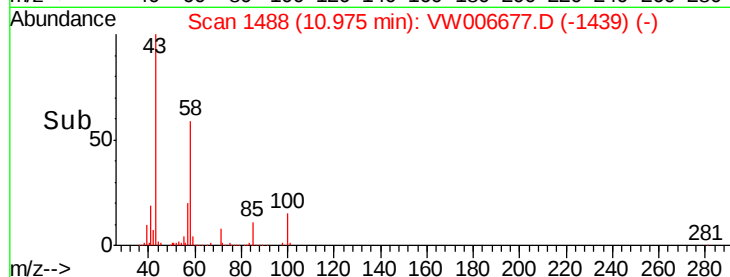
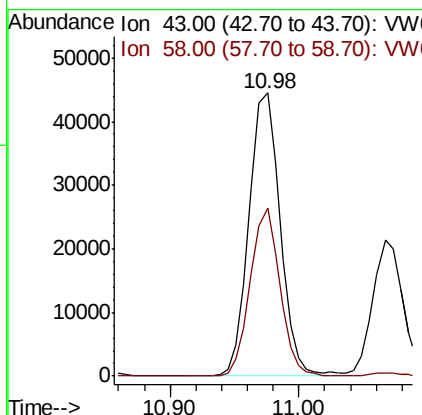
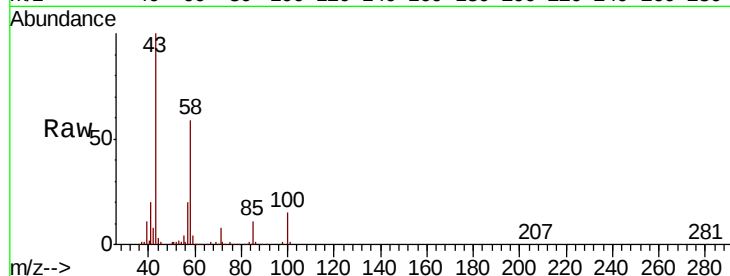




#59
2-Hexanone
Concen: 101.056 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

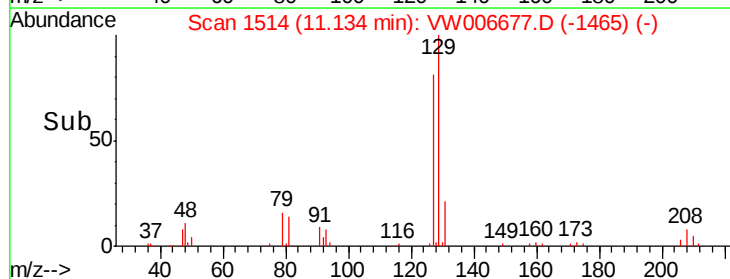
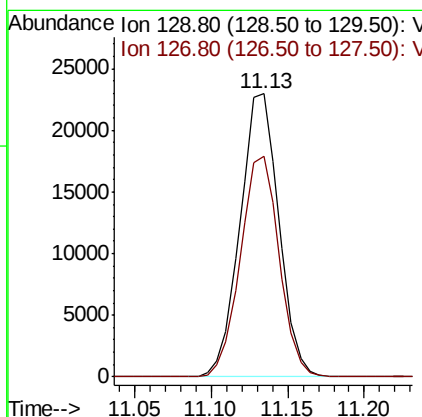
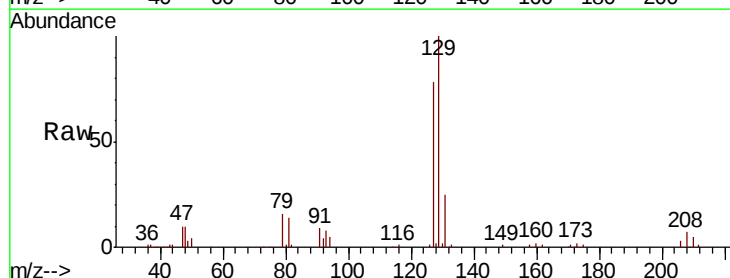
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion: 43 Resp: 74658
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.4



#60
Dibromochloromethane
Concen: 20.269 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 129 Resp: 40550
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

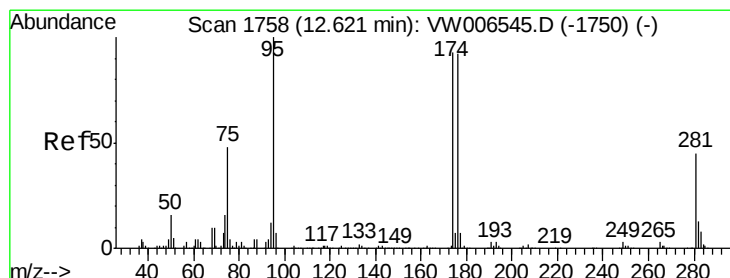
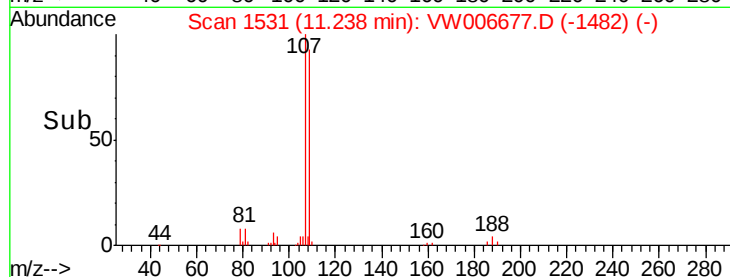
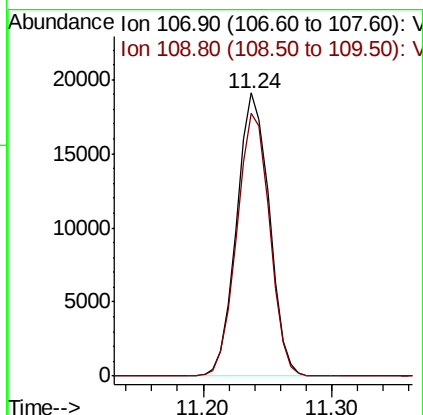
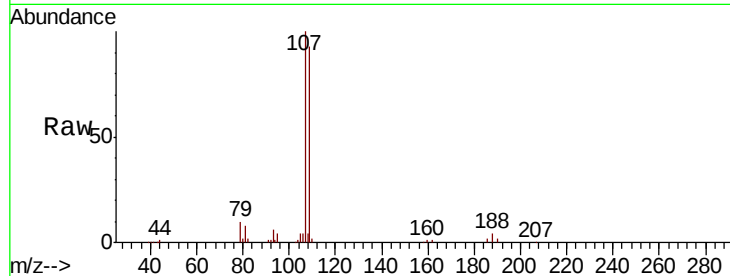




#61
 1,2-Dibromoethane
 Concen: 19.948 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

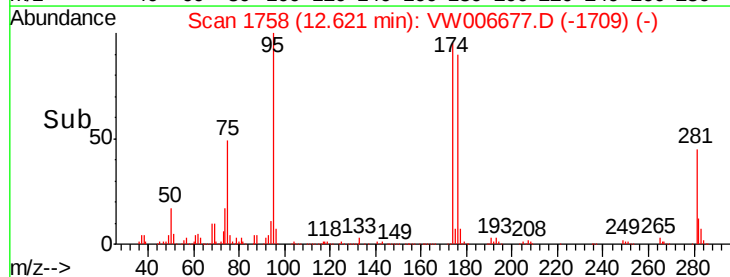
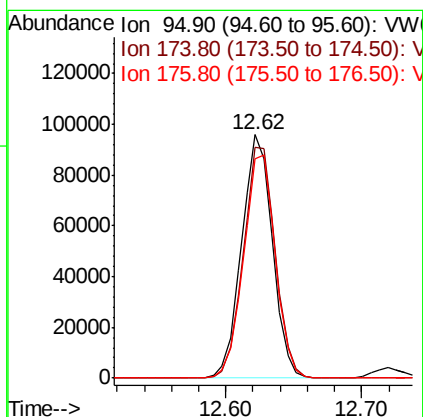
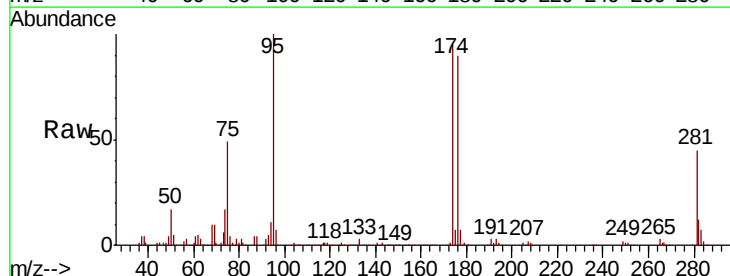
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

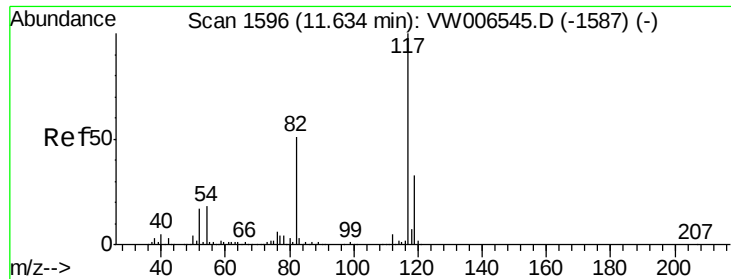
Tot Ion: 107 Resp: 33449
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.353 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion: 95 Resp: 151890
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 192.4
 176 94.6 0.0 187.4

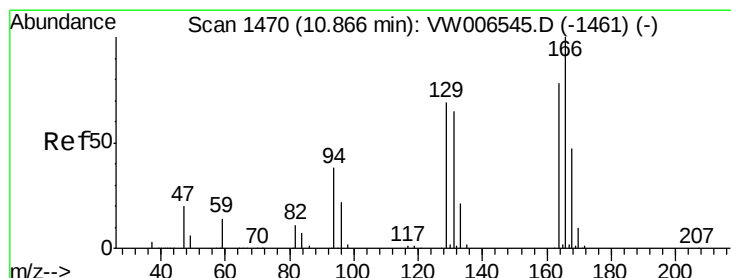
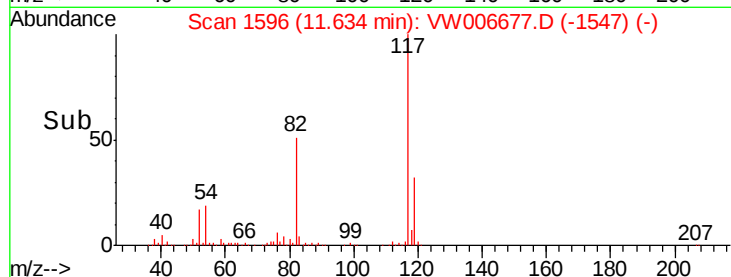
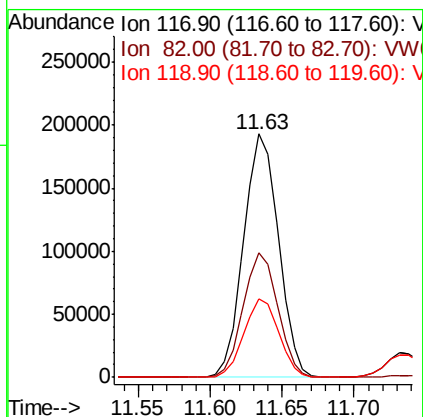
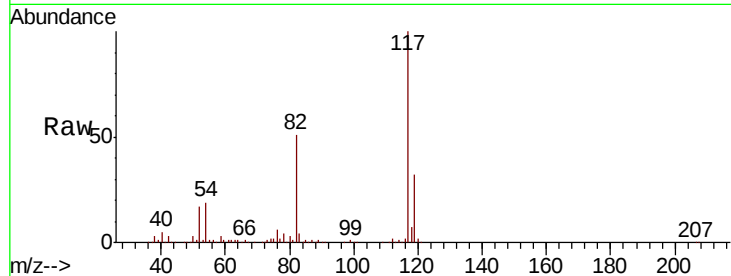




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

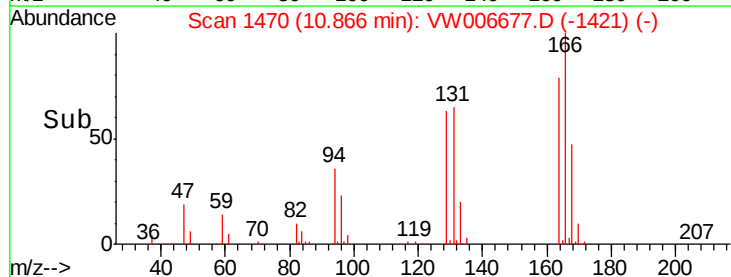
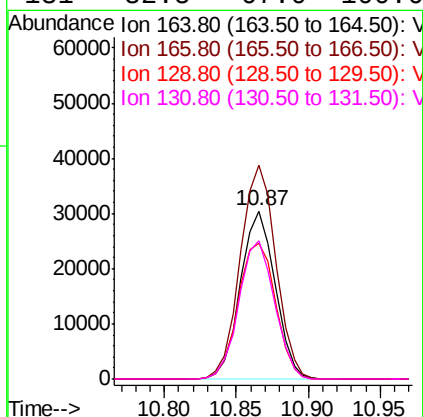
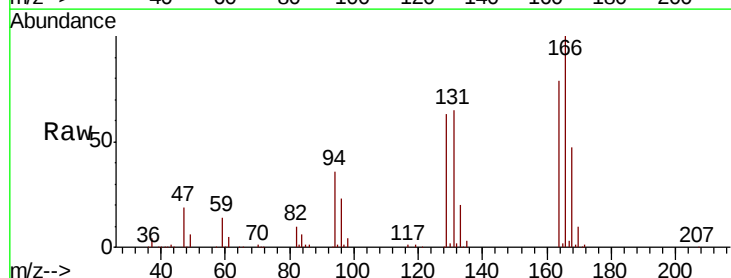
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

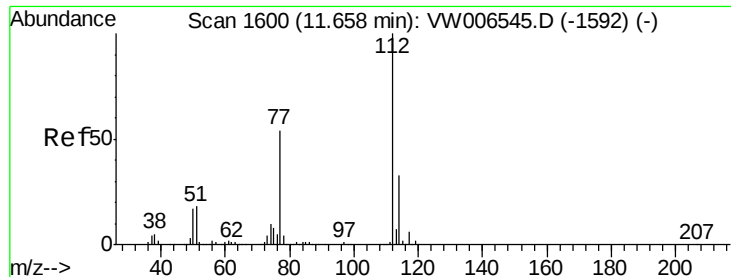
Tot Ion:117 Resp: 323488
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 19.706 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:164 Resp: 50814
Ion Ratio Lower Upper
164 100
166 126.9 102.8 154.2
129 80.3 70.9 106.3
131 82.5 67.0 100.6

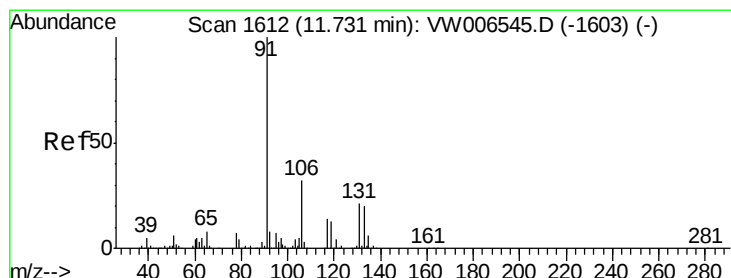
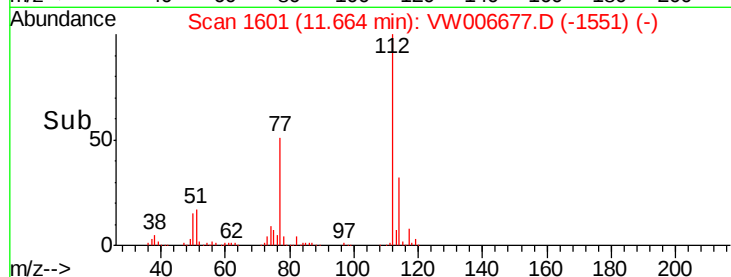
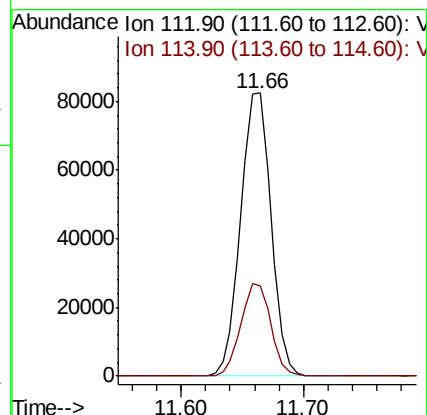
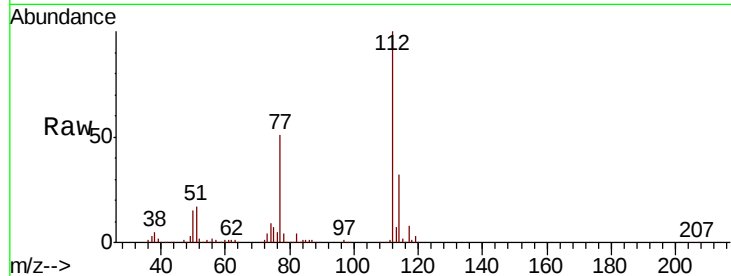




#65
Chlorobenzene
Concen: 20.893 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

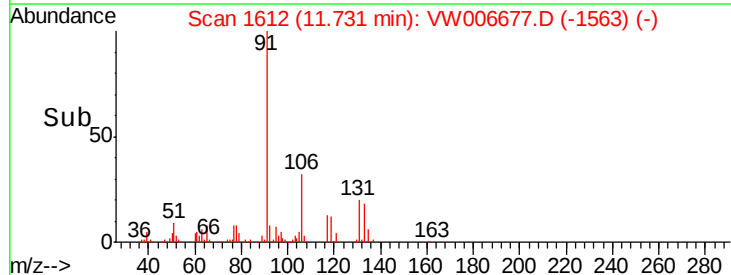
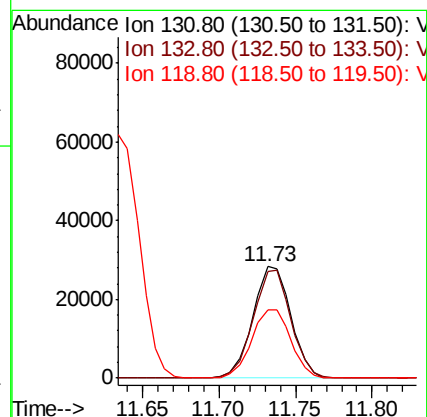
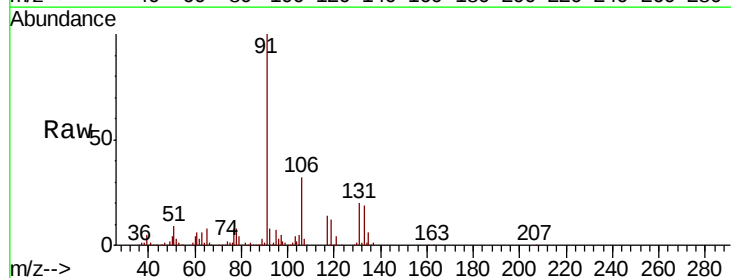
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

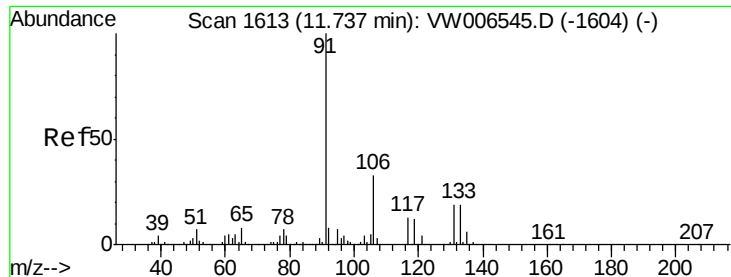
Tot Ion:112 Resp: 142221
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.527 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:131 Resp: 49112
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 63.5 31.9 95.5

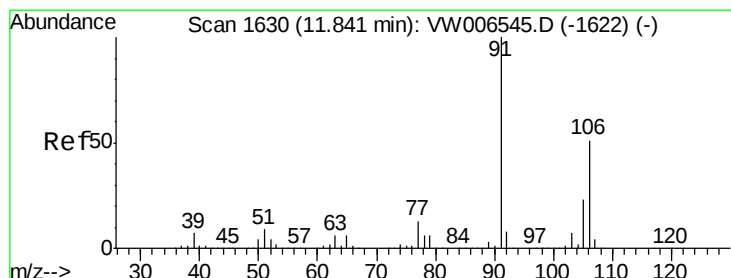
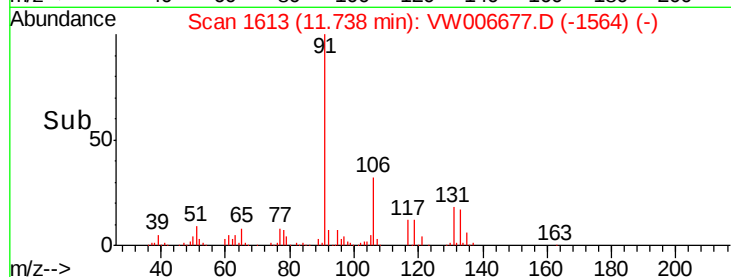
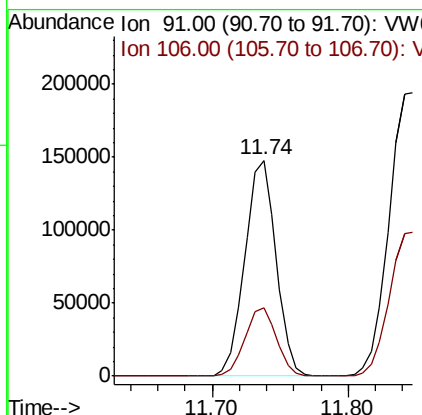
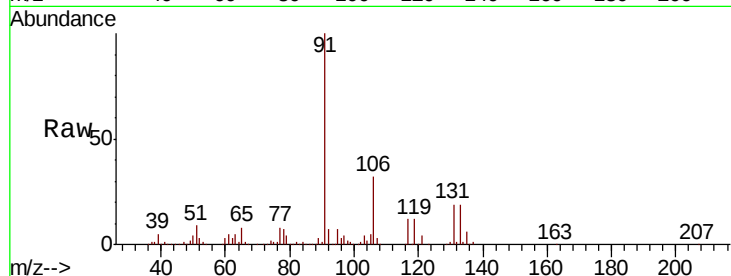




#67
Ethyl Benzene
Concen: 20.966 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

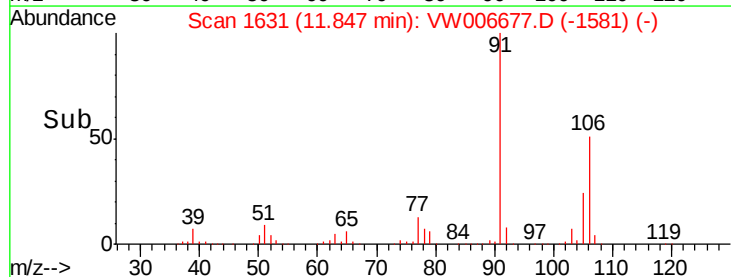
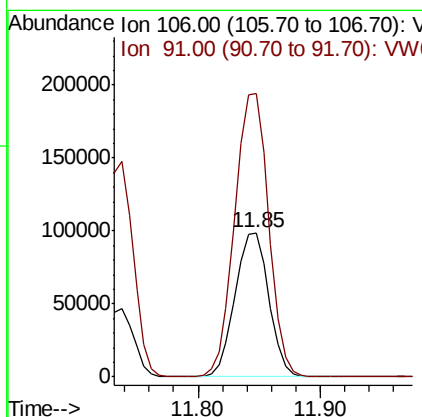
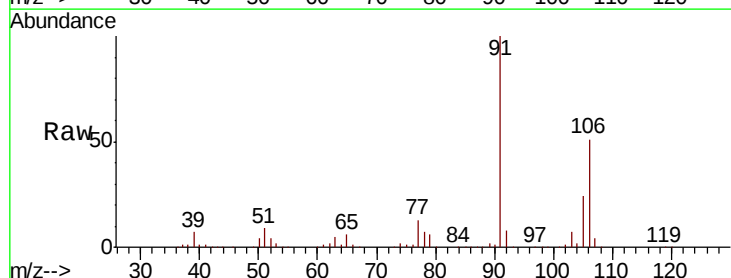
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

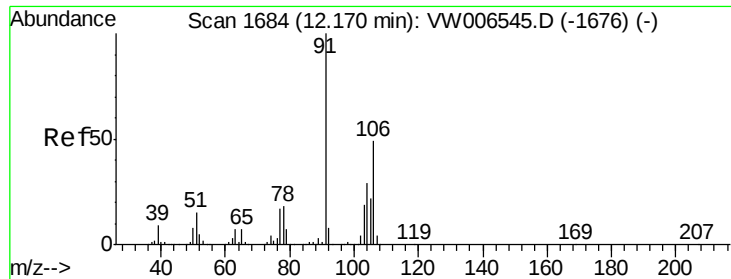
Tot Ion: 91 Resp: 238549
Ion Ratio Lower Upper
91 100
106 31.9 26.3 39.5



#68
m/p-Xylenes
Concen: 41.680 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion: 106 Resp: 189466
Ion Ratio Lower Upper
106 100
91 197.0 156.7 235.1

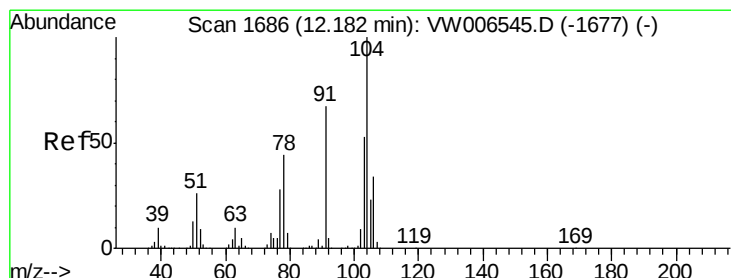
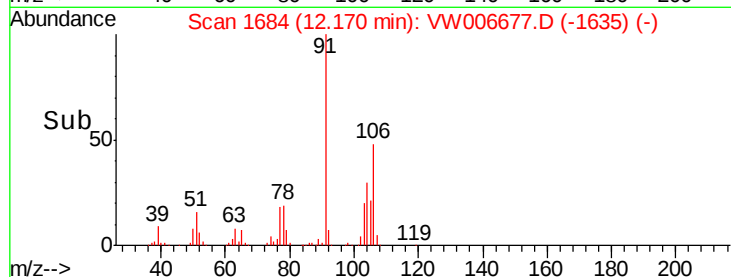
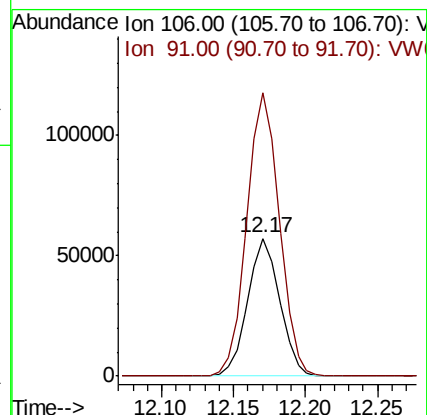
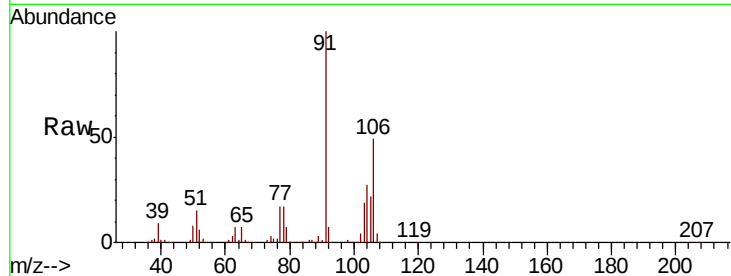




#69
o-Xylene
Concen: 20.382 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

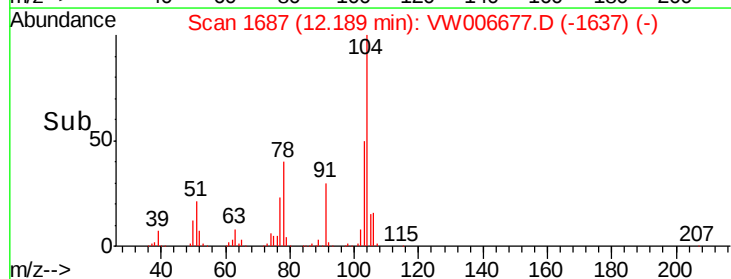
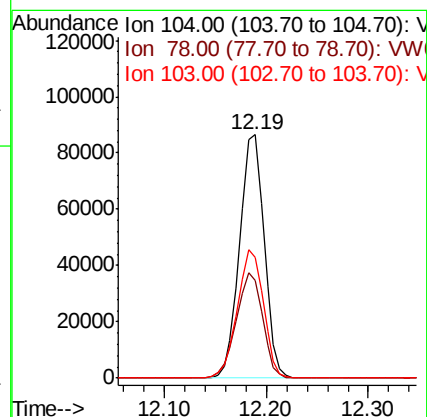
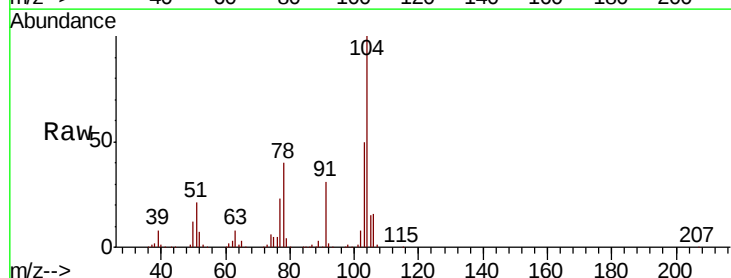
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

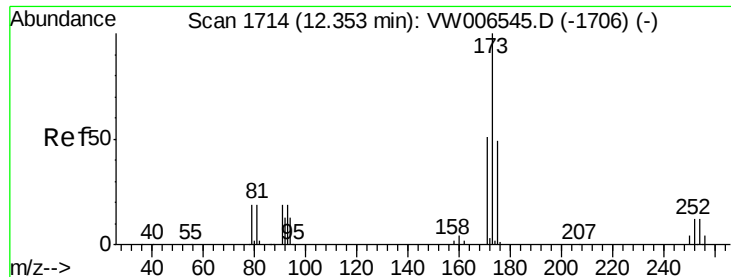
Tot Ion:106 Resp: 88207
Ion Ratio Lower Upper
106 100
91 208.3 102.8 308.4



#70
Styrene
Concen: 20.415 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:104 Resp: 144035
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 56.1 44.2 66.2

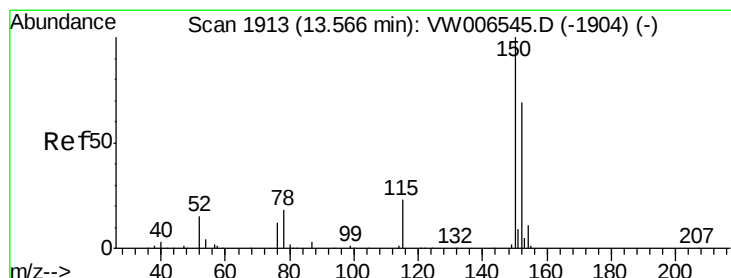
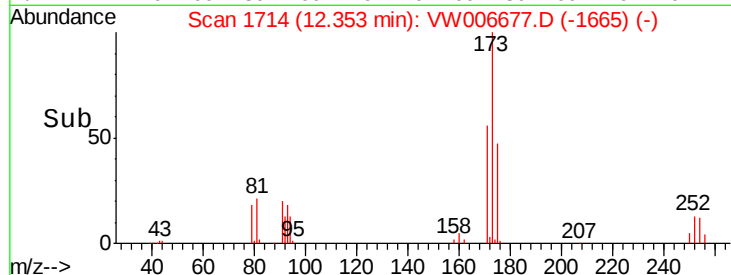
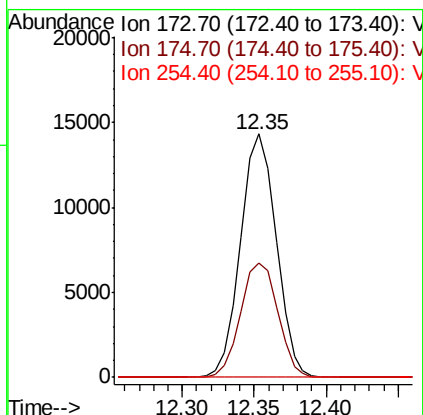
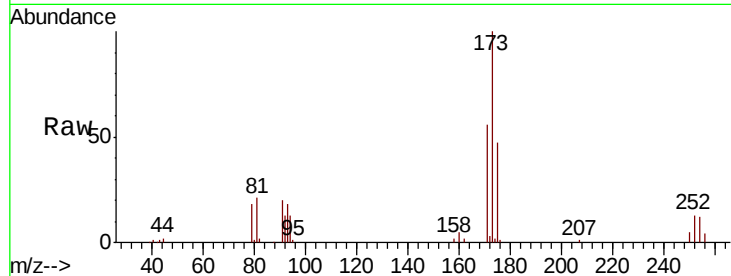




#71
Bromoform
Concen: 19.492 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

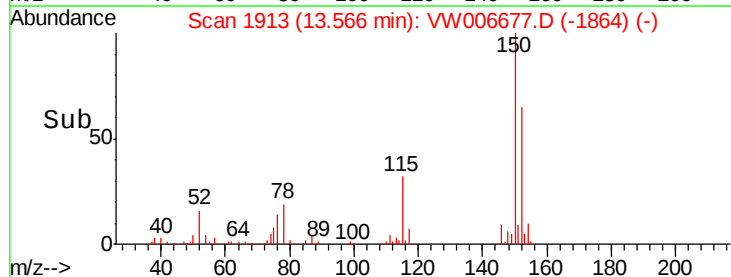
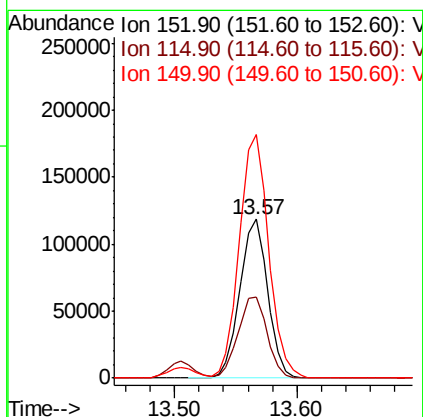
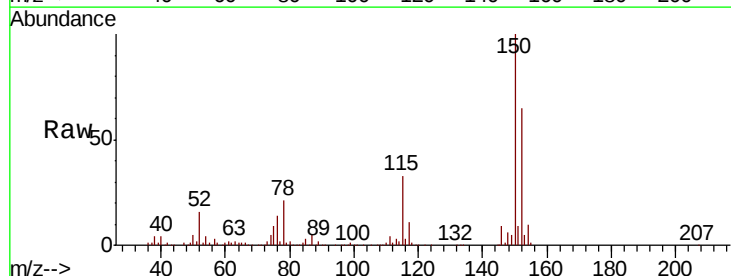
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

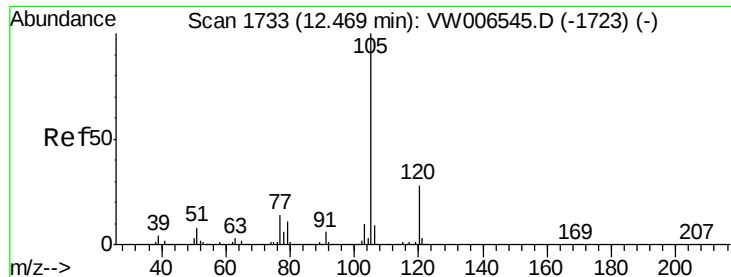
Tot Ion:173 Resp: 24721
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:152 Resp: 187105
Ion Ratio Lower Upper
152 100
115 53.2 26.6 79.8
150 161.3 0.0 344.6





#73

Isopropylbenzene

Concen: 20.106 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

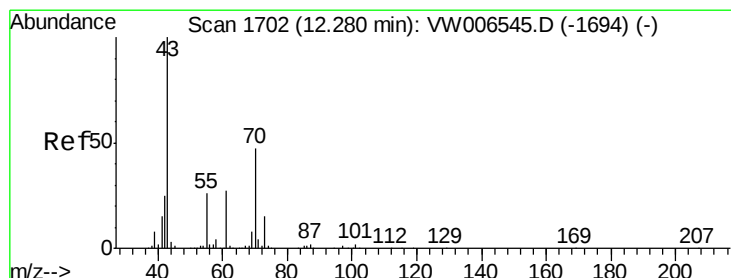
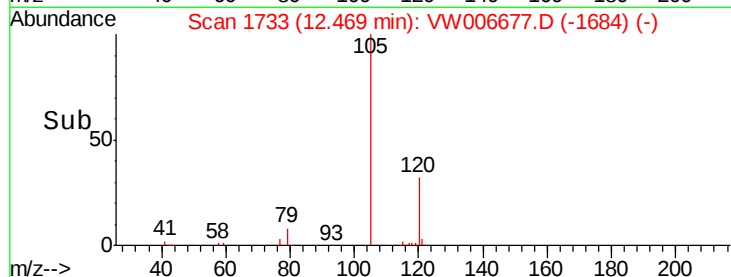
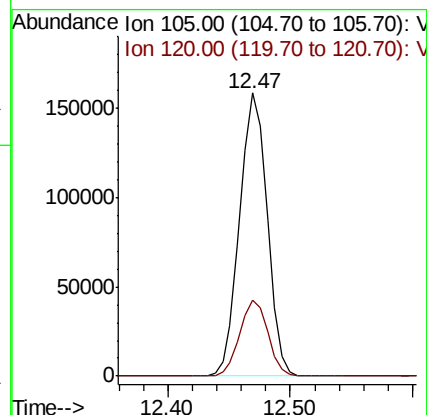
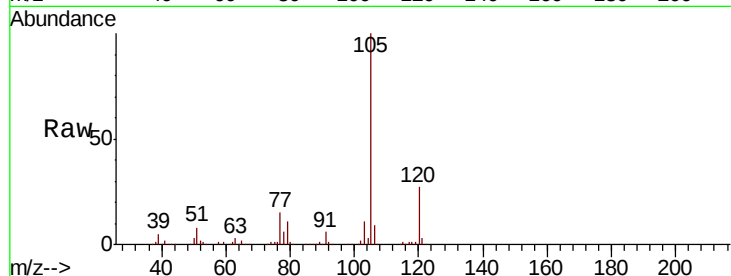
VW1105SBS02

Tot Ion:105 Resp: 247818

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



#74

N-ethyl acetate

Concen: 18.170 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Tgt Ion: 43 Resp: 38700

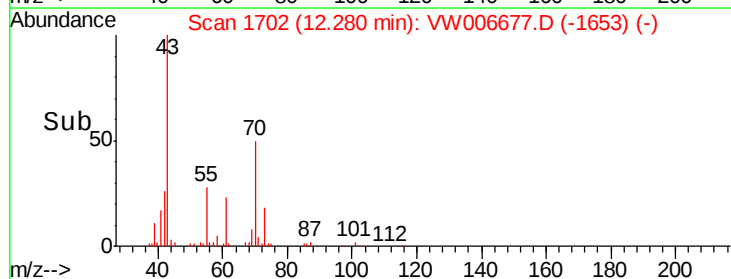
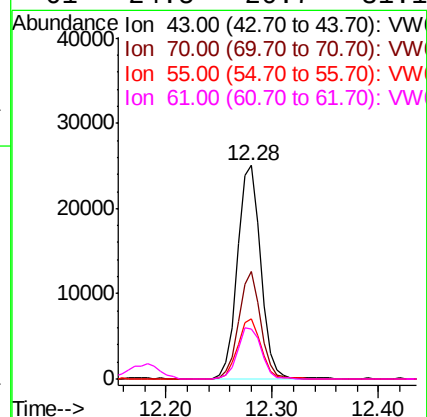
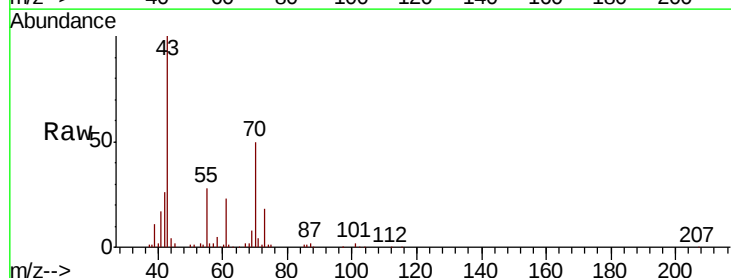
Ion Ratio Lower Upper

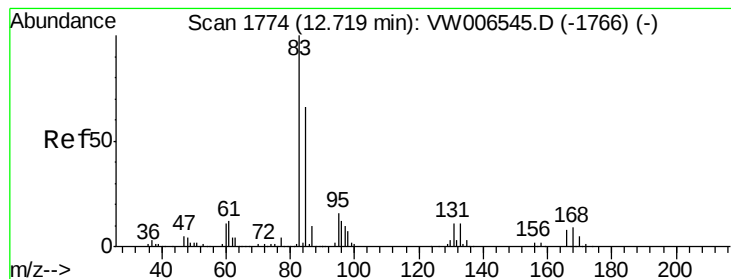
43 100

70 47.4 36.9 55.3

55 28.0 20.7 31.1

61 24.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.470 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

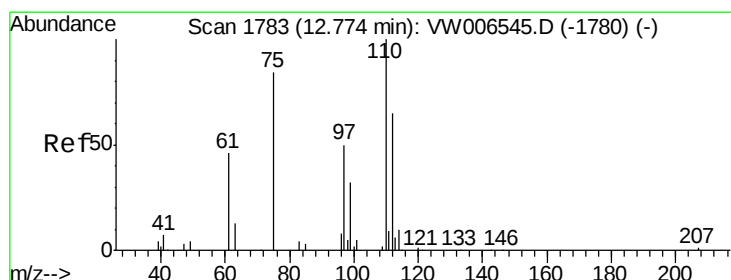
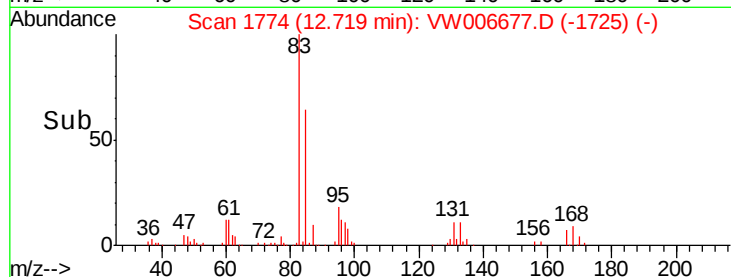
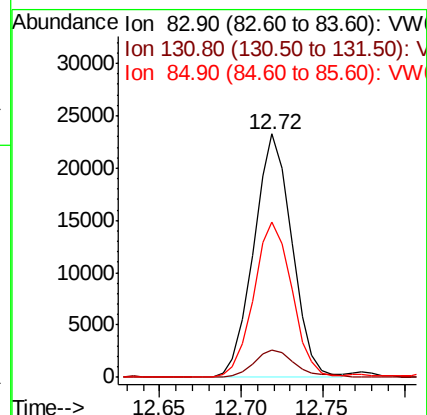
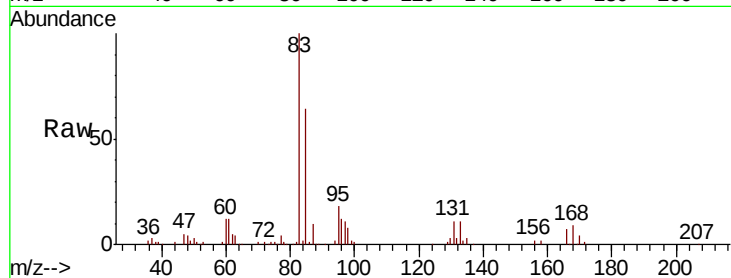
Tot Ion: 83 Resp: 37902

Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.9	17.7
85	63.8	32.3	96.8

83 100

131 12.1 5.9 17.7

85 63.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 32.666 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006677.D

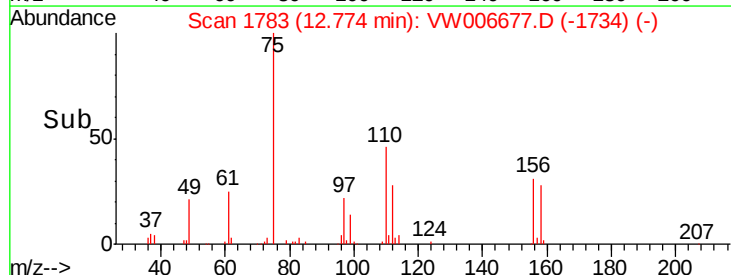
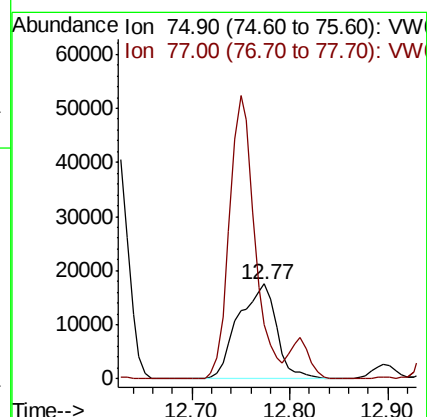
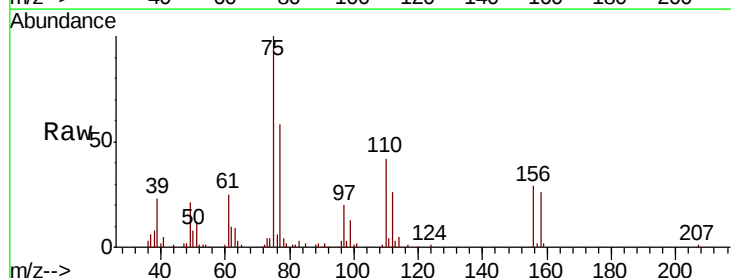
Acq: 06 Nov 2018 10:39

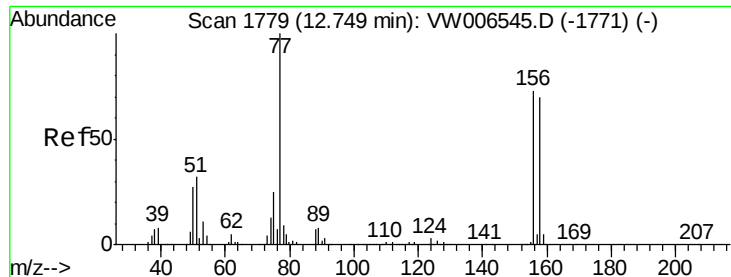
Tgt Ion: 75 Resp: 47688

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.938 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

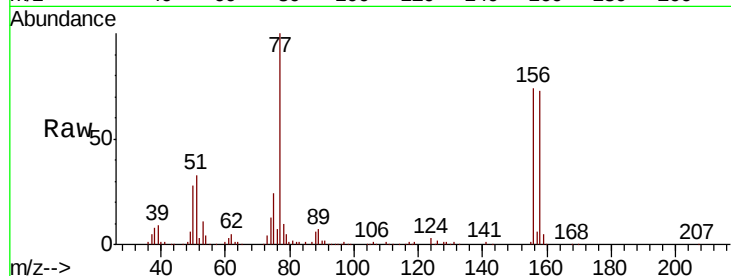
Tot Ion:156 Resp: 63626

Ion Ratio Lower Upper

156 100

77 149.1 75.9 227.8

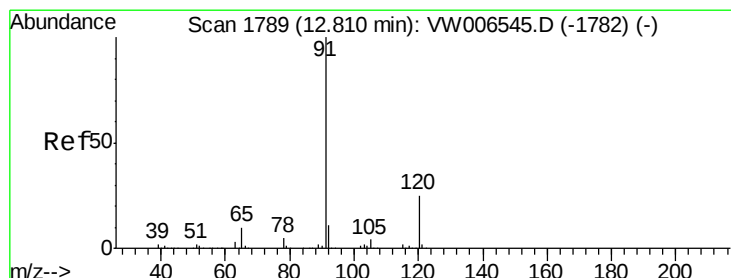
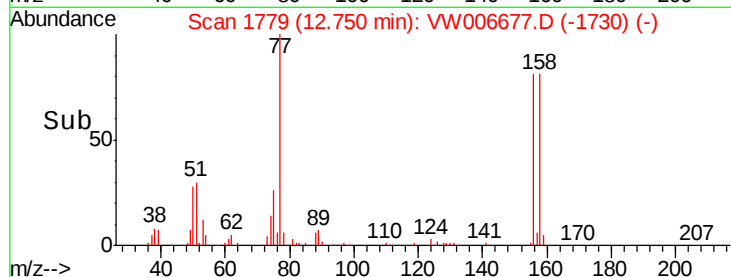
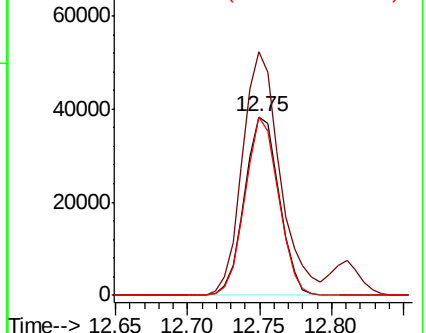
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.656 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006677.D

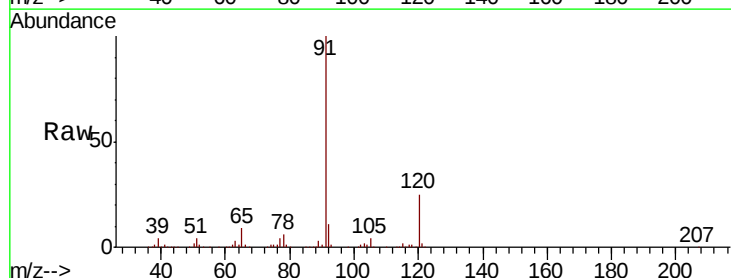
Acq: 06 Nov 2018 10:39

Tgt Ion: 91 Resp: 292847

Ion Ratio Lower Upper

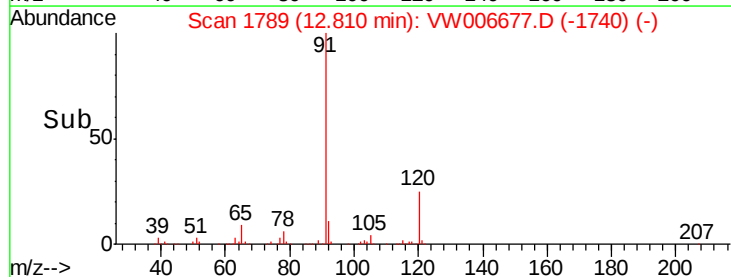
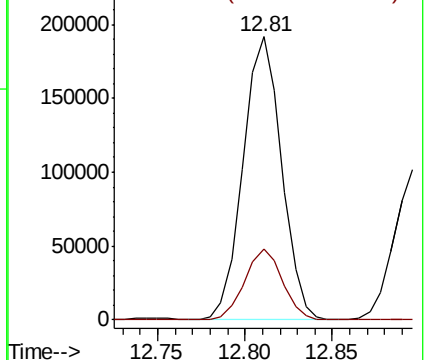
91 100

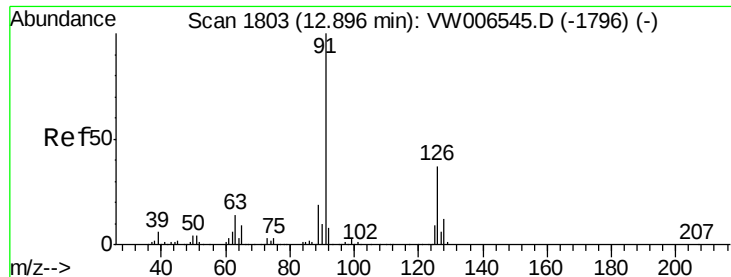
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.845 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

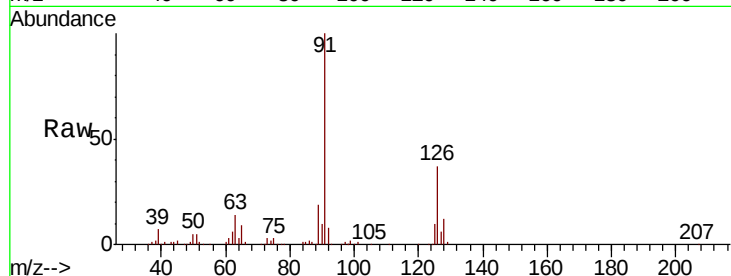
VW1105SBS02

Tot Ion: 91 Resp: 161461

Ion Ratio Lower Upper

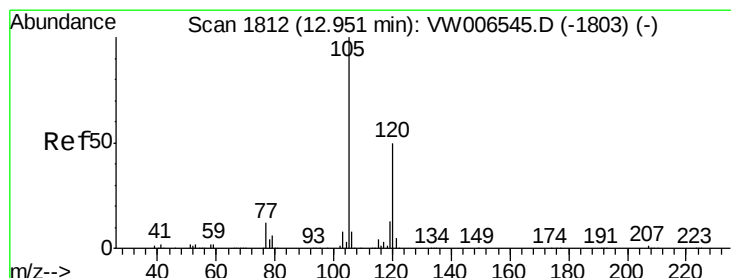
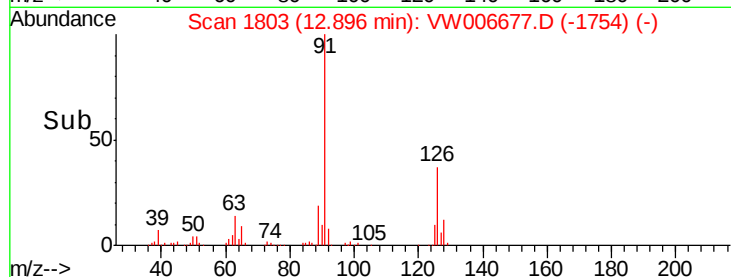
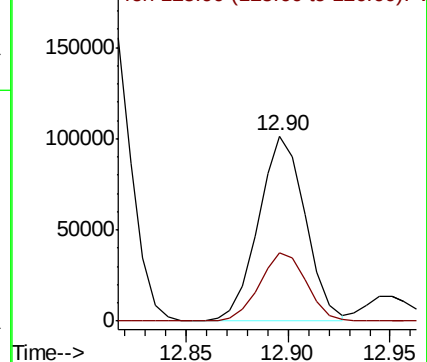
91 100

126 37.3 18.5 55.5



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: 20.494 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006677.D

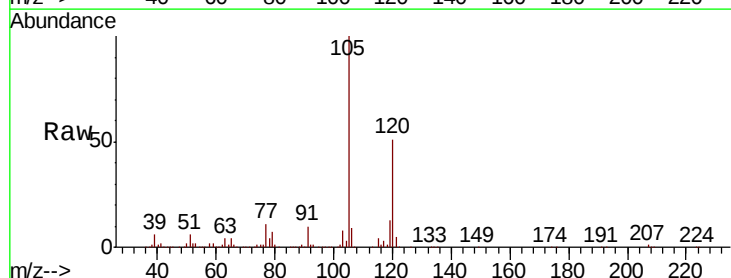
Acq: 06 Nov 2018 10:39

Tgt Ion:105 Resp: 212216

Ion Ratio Lower Upper

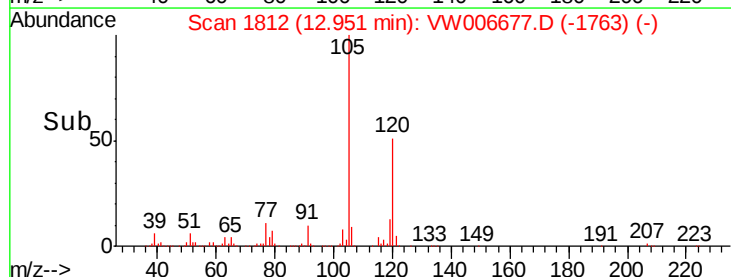
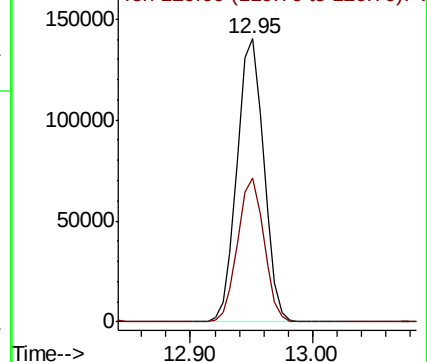
105 100

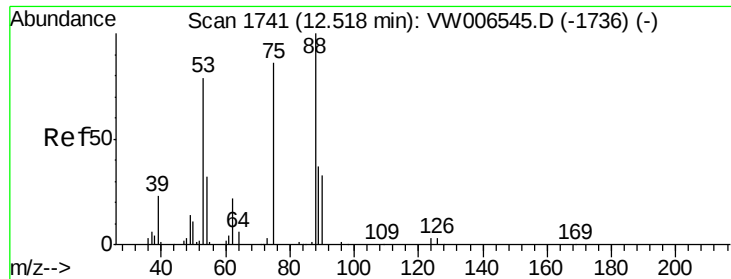
120 50.1 25.1 75.3



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: 18.971 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

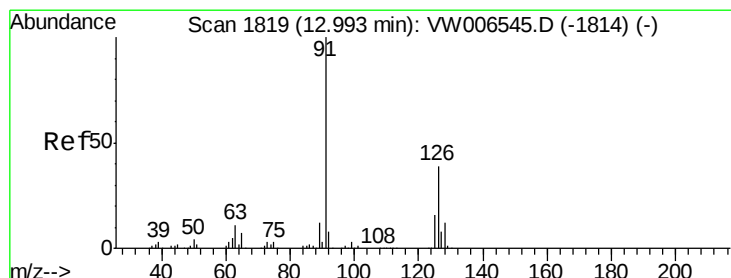
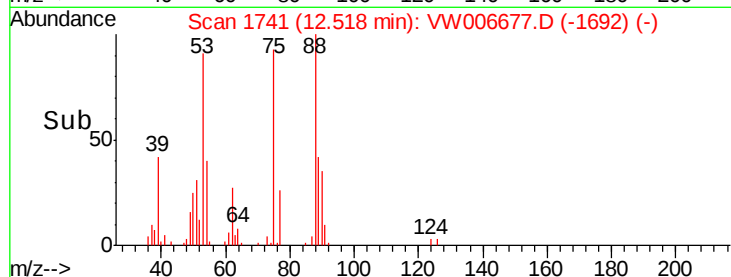
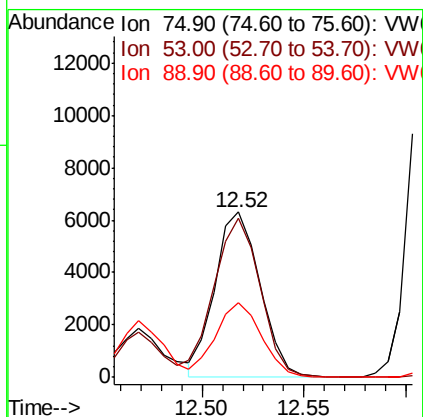
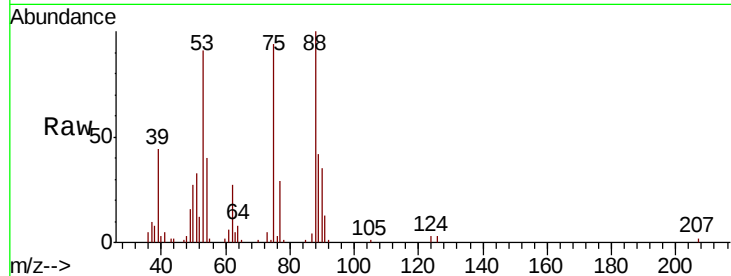
Tot Ion: 75 Resp: 9711

Ion Ratio Lower Upper

75 100

53 99.1 77.2 115.8

89 45.6 38.6 58.0



#82

4-Chlorotoluene

Concen: 20.197 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006677.D

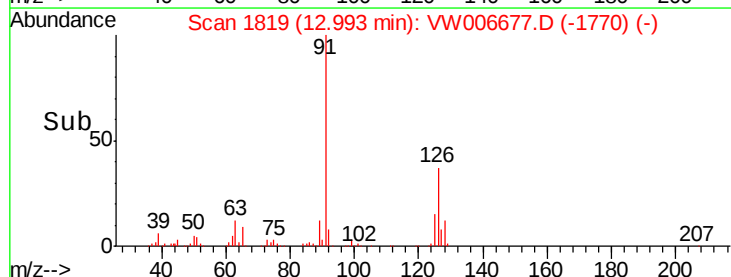
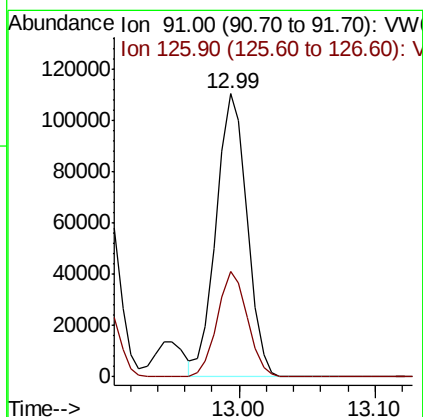
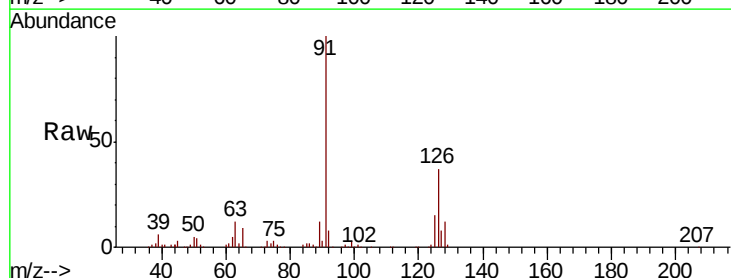
Acq: 06 Nov 2018 10:39

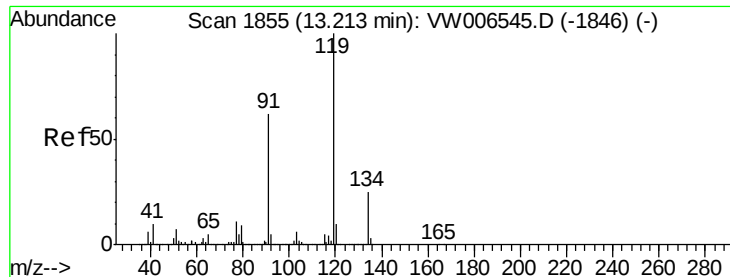
Tgt Ion: 91 Resp: 173855

Ion Ratio Lower Upper

91 100

126 36.4 18.5 55.5

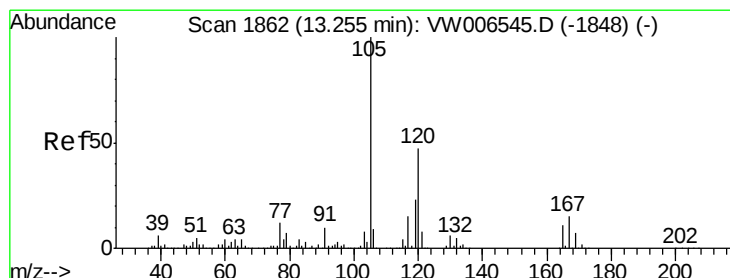
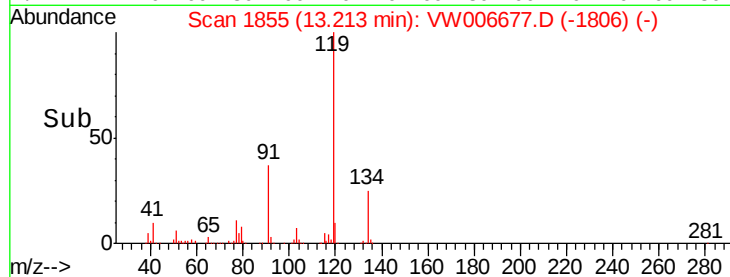
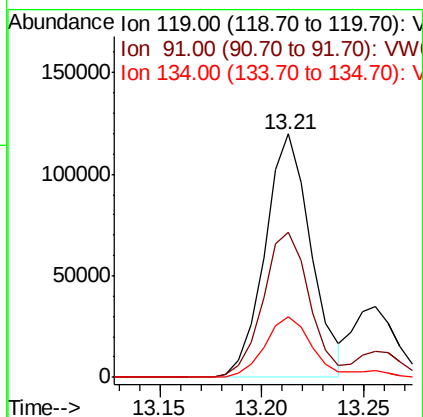
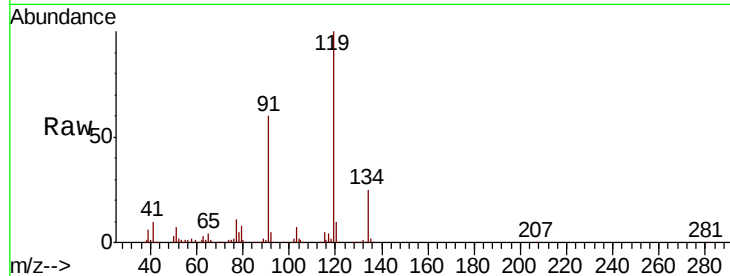




#83
tert-Butylbenzene
Concen: 20.385 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

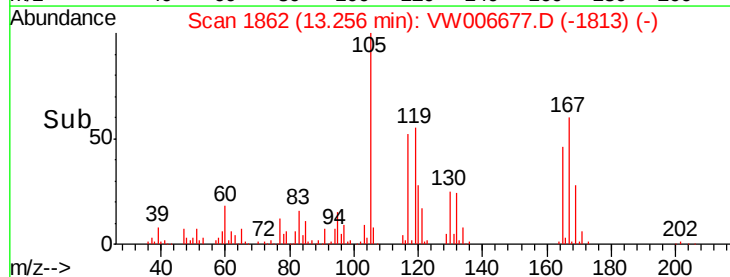
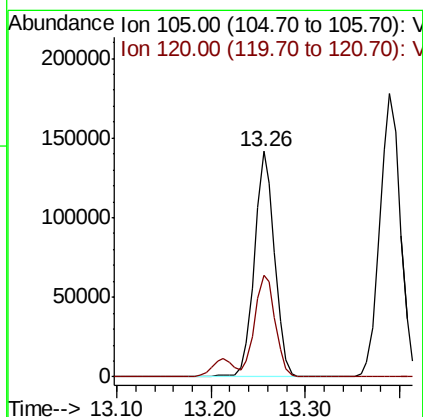
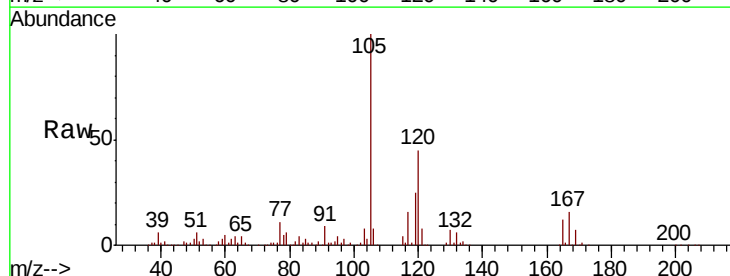
Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

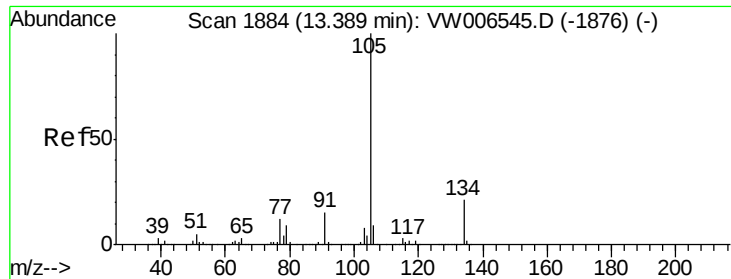
Tot Ion:119 Resp: 188246
Ion Ratio Lower Upper
119 100
91 60.2 30.4 91.3
134 25.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.153 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:105 Resp: 214045
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.741 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

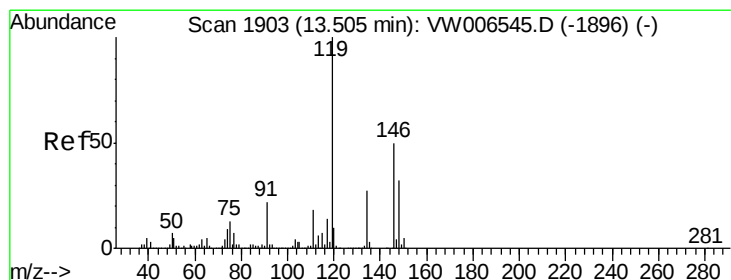
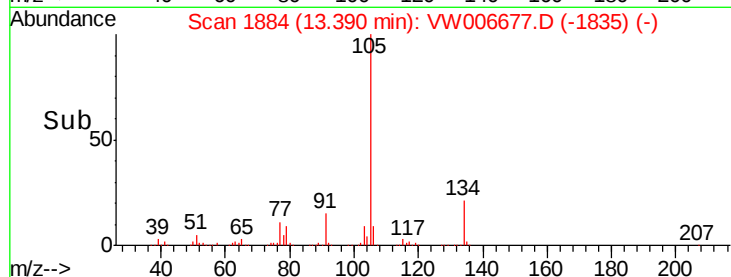
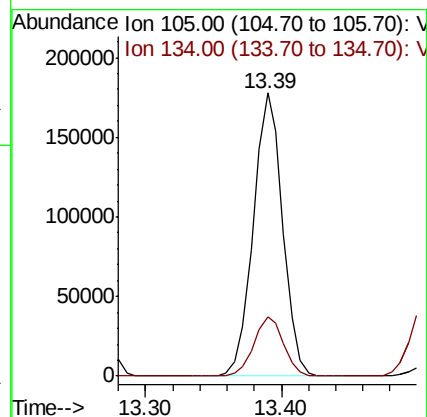
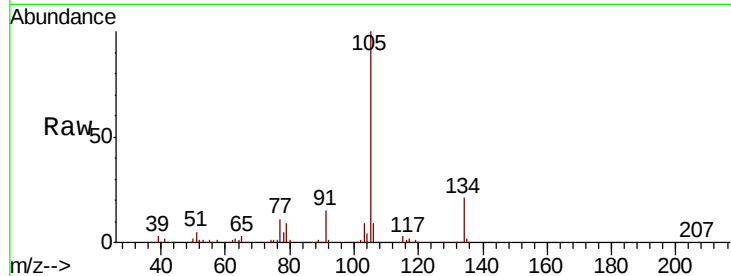
VW1105SBS02

Tot Ion:105 Resp: 268255

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.525 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

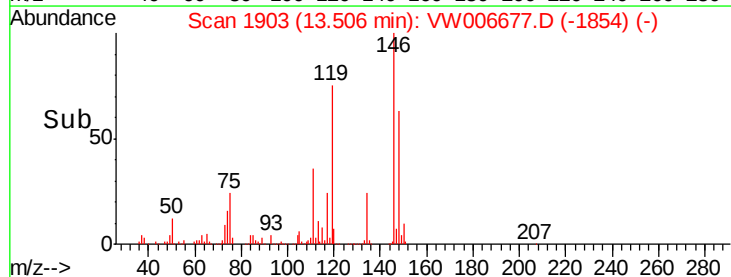
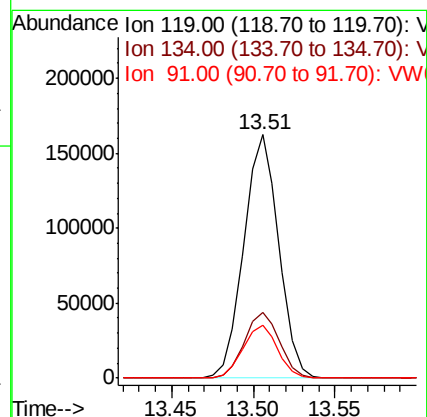
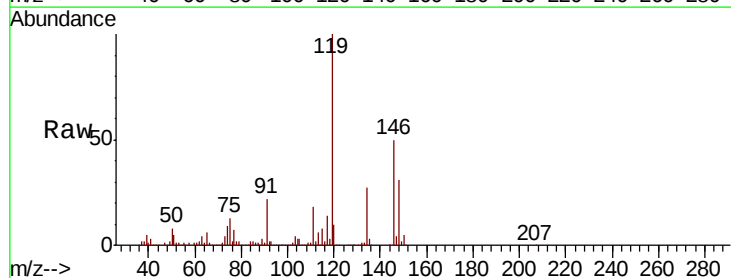
Tgt Ion:119 Resp: 241544

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.8 10.9 32.6

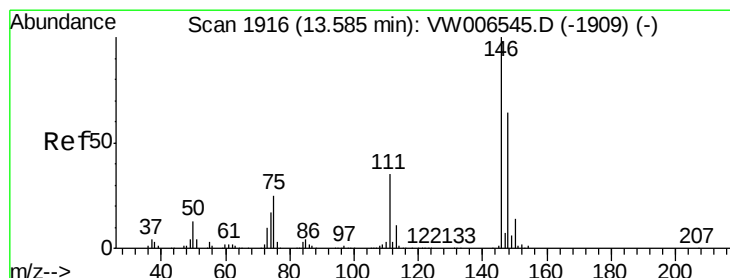
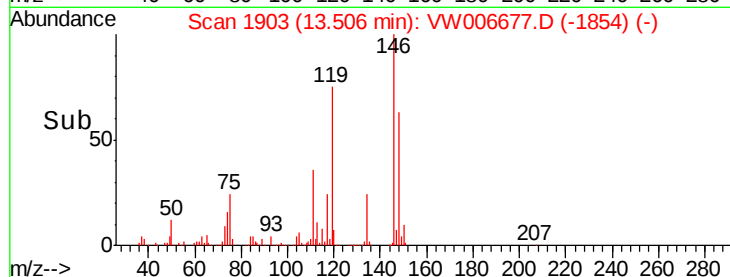
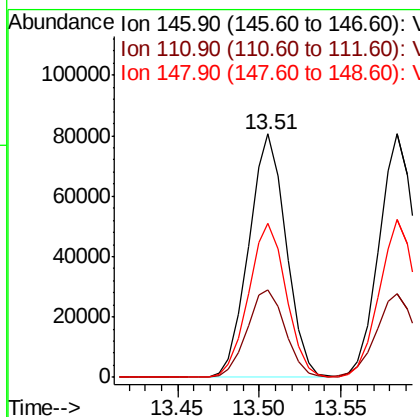
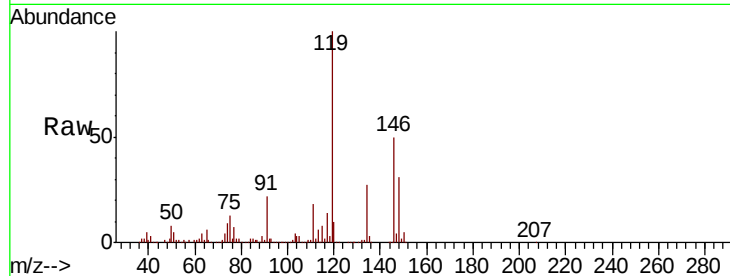




#87
 1,3-Dichlorobenzene
 Concen: 20.372 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

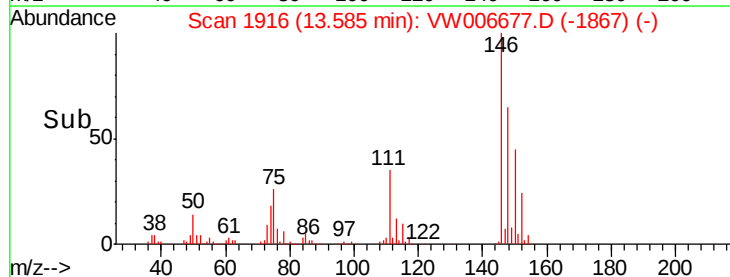
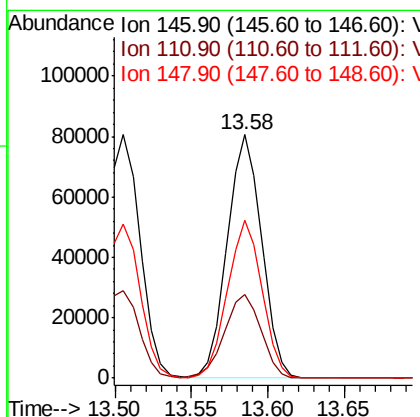
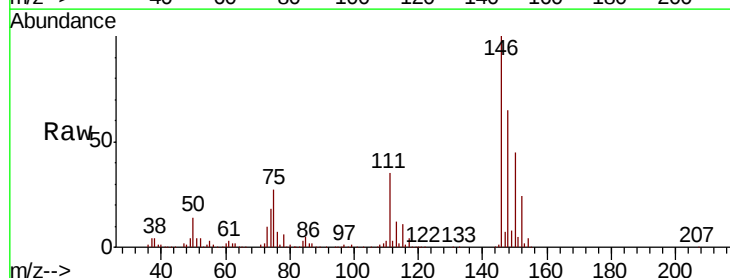
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

Tot Ion:146 Resp: 128036
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.6
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.233 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion:146 Resp: 126048
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.7
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 21.045 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

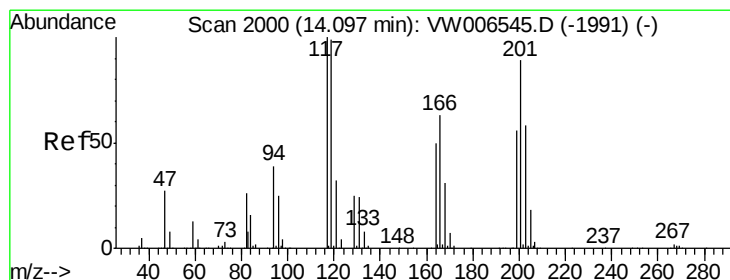
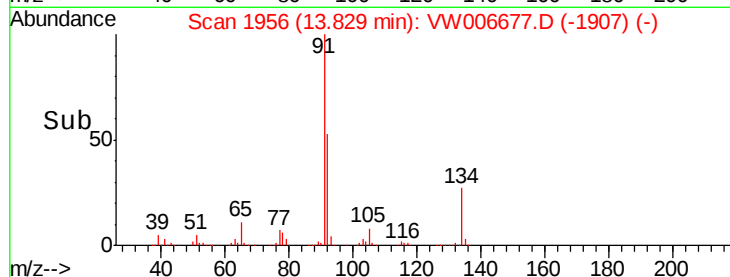
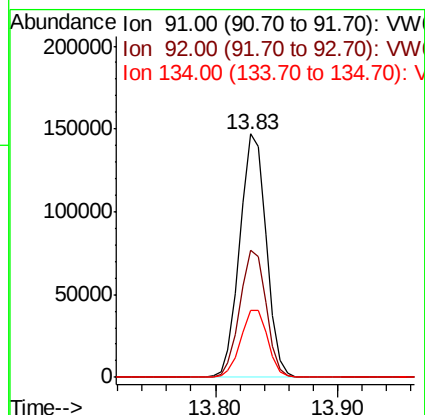
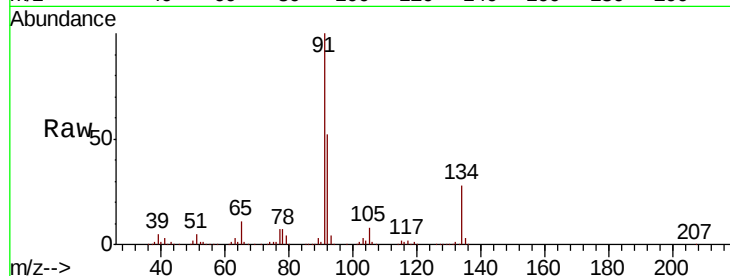
Tot Ion: 91 Resp: 219842

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 28.3 14.3 42.9



#90

Hexachloroethane

Concen: 20.223 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006677.D

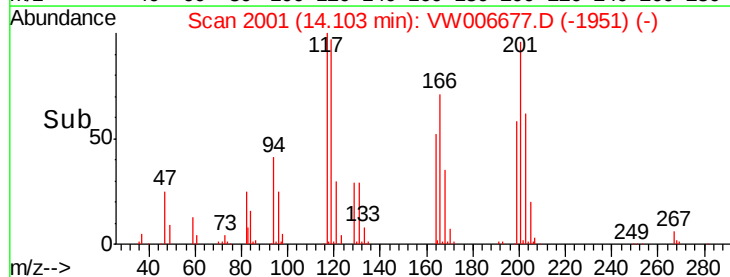
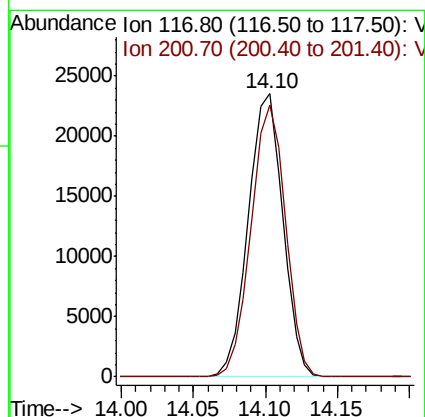
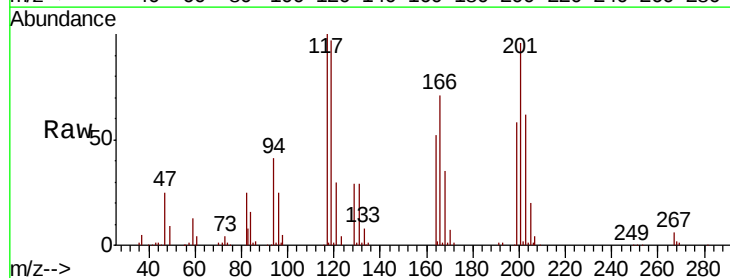
Acq: 06 Nov 2018 10:39

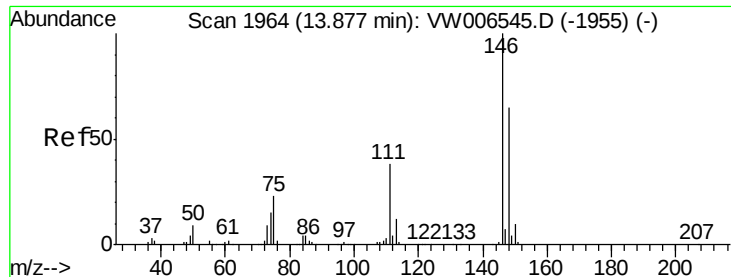
Tgt Ion: 117 Resp: 39114

Ion Ratio Lower Upper

117 100

201 95.4 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 19.887 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBS02

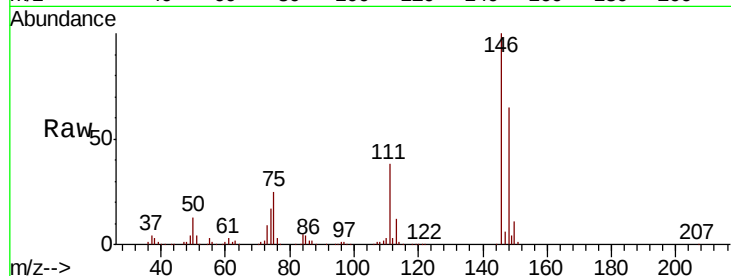
Tot Ion:146 Resp: 112426

Ion Ratio Lower Upper

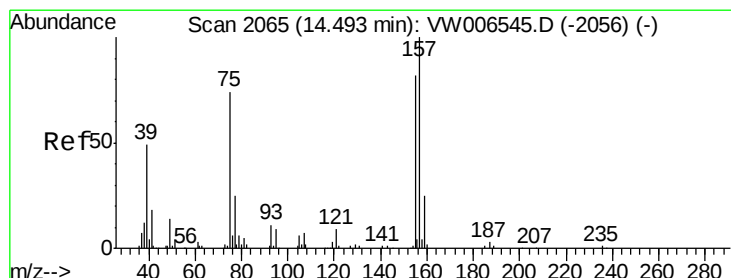
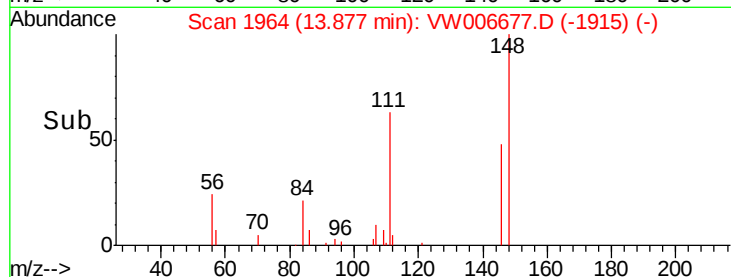
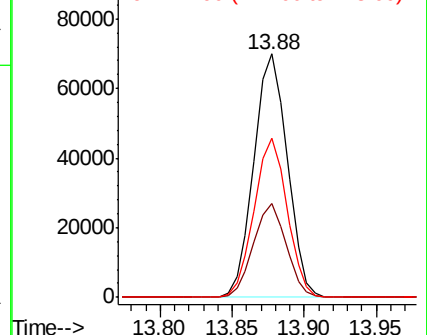
146 100

111 38.0 19.1 57.5

148 64.5 32.0 96.0



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: 16.937 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006677.D

Acq: 06 Nov 2018 10:39

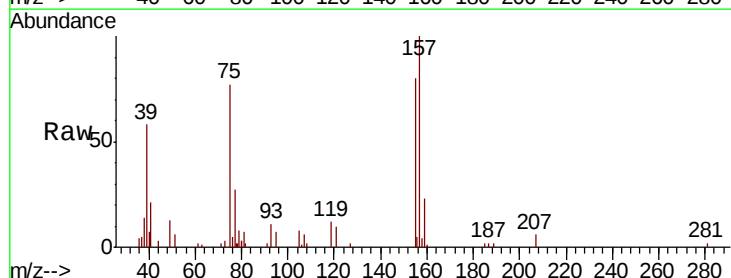
Tgt Ion: 75 Resp: 5350

Ion Ratio Lower Upper

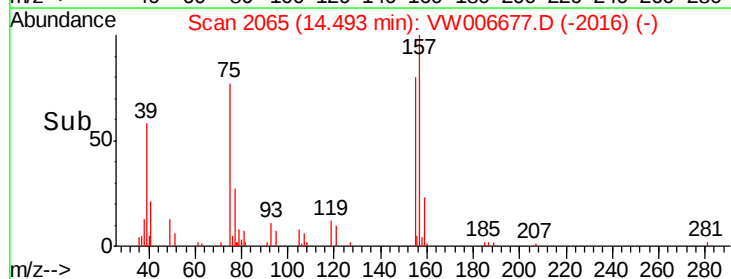
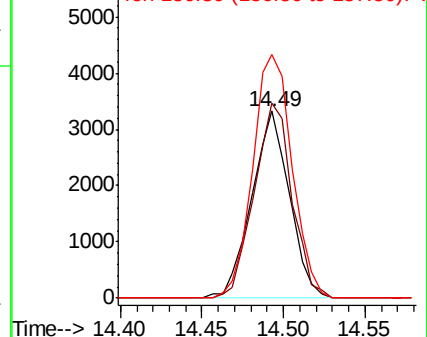
75 100

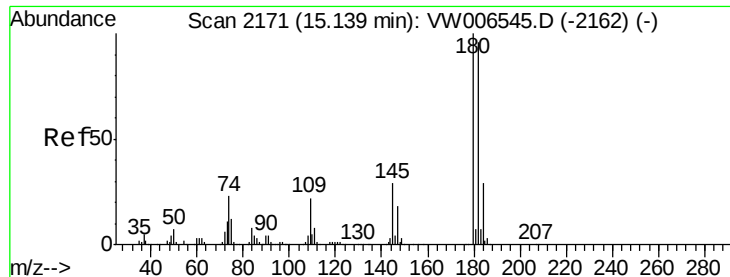
155 105.1 50.6 151.8

157 136.4 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

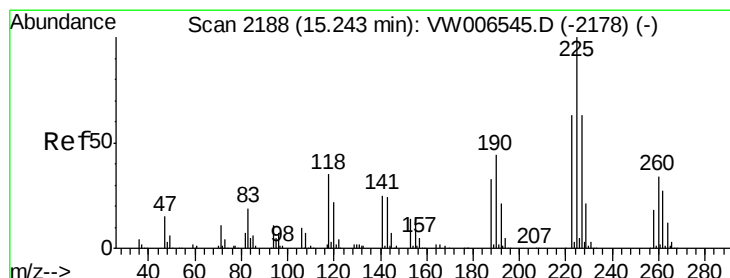
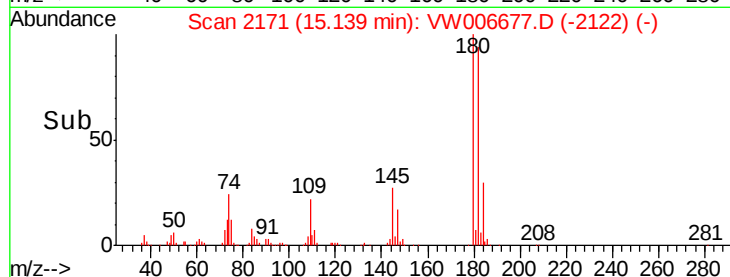
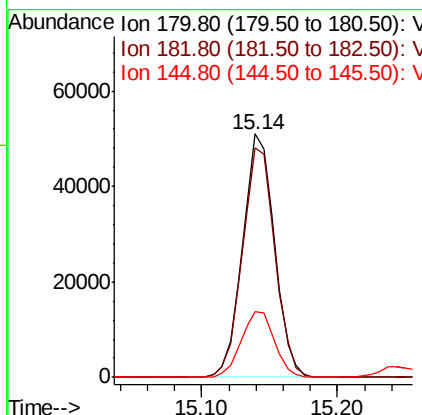
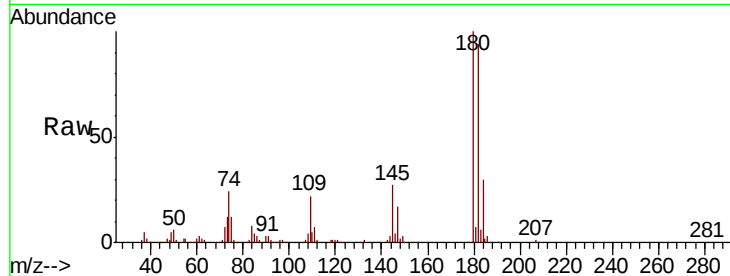




#93
 1,2,4-Trichlorobenzene
 Concen: 19.913 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

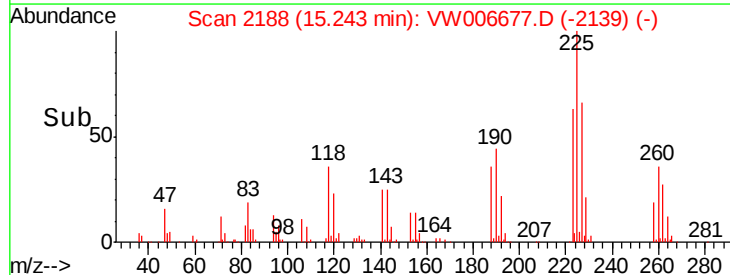
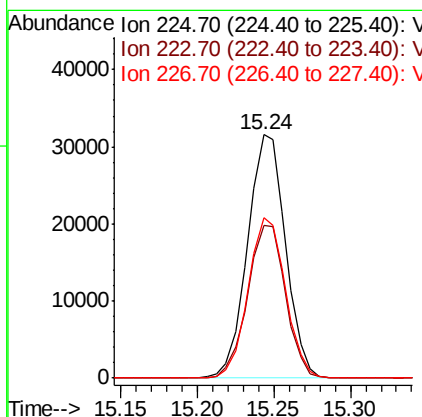
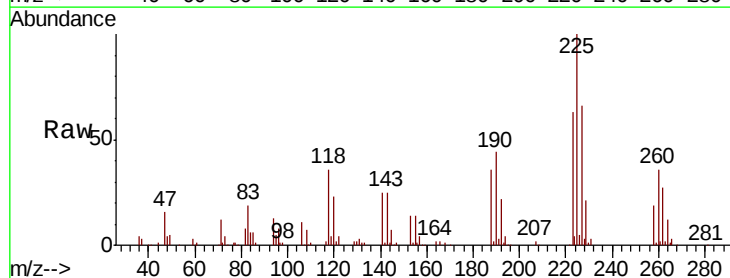
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS02

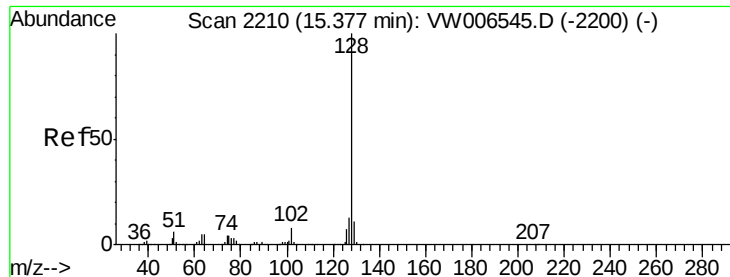
Tot Ion:180 Resp: 83707
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.6
 145 28.0 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 20.812 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006677.D
 Acq: 06 Nov 2018 10:39

Tgt Ion:225 Resp: 54524
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.2
 227 64.6 32.2 96.6

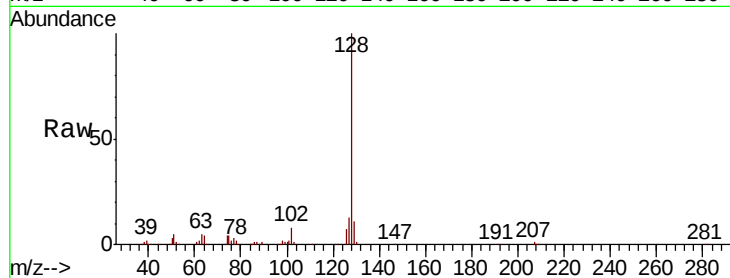




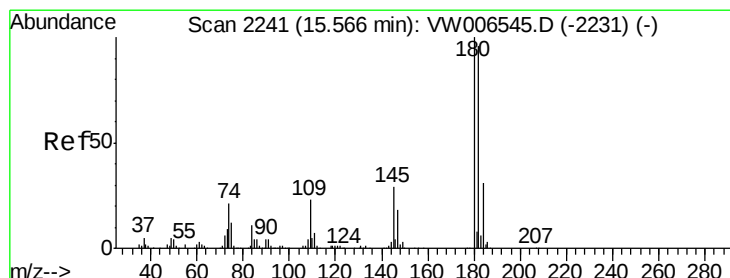
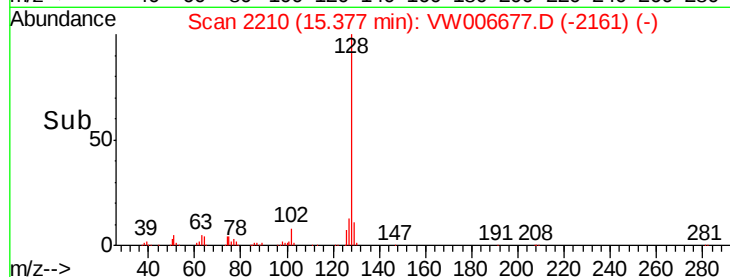
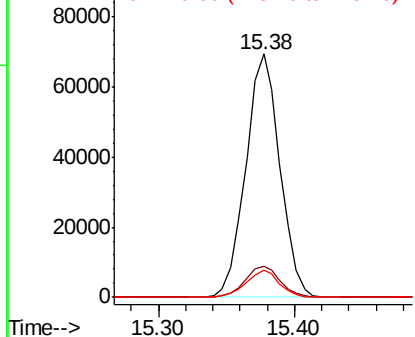
#95
Naphthalene
Concen: 18.072 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBS02

Tot Ion:128 Resp: 122092
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

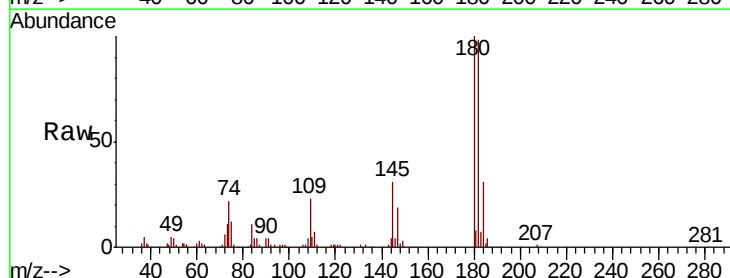


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.236 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006677.D
Acq: 06 Nov 2018 10:39

Tgt Ion:180 Resp: 71067
Ion Ratio Lower Upper
180 100
182 97.2 48.2 144.6
145 29.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

