

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004246.D
 Acq On : 27 Jul 2018 02:26
 Operator : SY/AP
 Sample : VW0727SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:37:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196283	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	149543	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	
35) Dibromofluoromethane	7.88	113	131433	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
50) Toluene-d8	10.33	98	511601	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	180641	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	21795	16.095	ug/l	97
3) Chloromethane	2.21	50	42194	23.673	ug/l	97
4) Vinyl Chloride	2.36	62	34631	14.126	ug/l	100
5) Bromomethane	2.77	94	31049	20.263	ug/l	99
6) Chloroethane	2.92	64	28936	20.774	ug/l	99
7) Trichlorofluoromethane	3.25	101	21634	21.020	ug/l	91
8) Diethyl Ether	3.67	74	28047	23.476	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	50414	21.227	ug/l	98
10) Methyl Iodide	4.26	142	73611	21.580	ug/l	100
11) Tert butyl alcohol	5.18	59	23535	126.487	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50272	21.453	ug/l	92
13) Acrolein	3.89	56	17889	93.570	ug/l	100
14) Allyl chloride	4.65	41	86815	22.444	ug/l	96
15) Acrylonitrile	5.37	53	73385	119.875	ug/l	100
16) Acetone	4.12	43	62204	96.040	ug/l	97
17) Carbon Disulfide	4.37	76	159390	21.791	ug/l	100
18) Methyl Acetate	4.67	43	37954	24.412	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	96592	21.507	ug/l	97
20) Methylene Chloride	4.90	84	65518	17.860	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	56363	21.942	ug/l	97
22) Diisopropyl ether	6.31	45	185027	23.668	ug/l	98
23) Vinyl Acetate	6.25	43	542562	109.537	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107896	22.620	ug/l	99
25) 2-Butanone	7.17	43	96387	110.586	ug/l	97
26) 2,2-Dichloropropane	7.17	77	52051	19.010	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59257	21.340	ug/l	99
28) Bromochloromethane	7.51	49	48316	24.751	ug/l #	98
29) Tetrahydrofuran	7.53	42	64357	118.539	ug/l	97
30) Chloroform	7.67	83	107240	22.602	ug/l	99
31) Cyclohexane	7.95	56	90217	20.177	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80964	21.852	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82122	20.555	ug/l	99
37) Ethyl Acetate	7.26	43	43904	22.783	ug/l	99
38) Carbon Tetrachloride	8.07	117	76332	20.447	ug/l	98

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Quant Time: Jul 27 07:37:14 2018
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 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88418	18.897	ug/l	95
40) Benzene	8.32	78	246366	22.227	ug/l	99
41) Methacrylonitrile	7.49	41	25955	24.308	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	74243	21.955	ug/l	99
43) Isopropyl Acetate	8.43	43	79017	21.923	ug/l	99
44) Trichloroethene	9.09	130	60087	20.913	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64415	22.769	ug/l	98
46) Dibromomethane	9.46	93	33128	22.567	ug/l	98
47) Bromodichloromethane	9.65	83	78847	21.787	ug/l	99
48) Methyl methacrylate	9.44	41	36954	21.200	ug/l	97
49) 1,4-Dioxane	9.45	88	11602	514.147	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	216191	112.587	ug/l	99
52) Toluene	10.39	92	150536	21.963	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77522	20.485	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90500	20.904	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	46433	22.490	ug/l	97
56) Ethyl methacrylate	10.65	69	57240	21.186	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80039	22.313	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	132610	108.269	ug/l	100
59) 2-Hexanone	10.98	43	148124	109.446	ug/l	98
60) Dibromochloromethane	11.13	129	52528	21.847	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43805	22.298	ug/l	99
64) Tetrachloroethene	10.87	164	57518	23.194	ug/l	97
65) Chlorobenzene	11.66	112	157673	20.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	55554	20.802	ug/l	99
67) Ethyl Benzene	11.74	91	266633	19.750	ug/l	99
68) m/p-Xylenes	11.84	106	208887	40.483	ug/l	99
69) o-Xylene	12.17	106	96060	20.069	ug/l	98
70) Styrene	12.18	104	168758	21.109	ug/l	99
71) Bromoform	12.35	173	31093	20.621	ug/l #	98
73) Isopropylbenzene	12.47	105	265106	19.114	ug/l	98
74) N-amyl acetate	12.28	43	73045	20.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56405	21.029	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	72009	36.953	ug/l #	100
77) Bromobenzene	12.75	156	65341	19.688	ug/l	96
78) n-propylbenzene	12.81	91	331946	19.508	ug/l	99
79) 2-Chlorotoluene	12.90	91	196984	20.526	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	235666	20.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15480	17.572	ug/l	94
82) 4-Chlorotoluene	12.99	91	210947	20.482	ug/l	100
83) tert-Butylbenzene	13.21	119	183447	18.720	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	243114	20.245	ug/l	100
85) sec-Butylbenzene	13.39	105	280831	19.314	ug/l	100
86) p-Isopropyltoluene	13.51	119	248598	19.492	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	132771	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	133808	20.128	ug/l	99
89) n-Butylbenzene	13.84	91	234567	18.709	ug/l	99
90) Hexachloroethane	14.10	117	46345	19.713	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	118489	20.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9966	20.894	ug/l	96

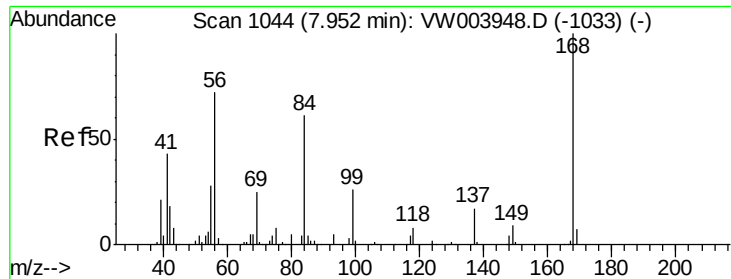
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82086	19.790	ug/l	100
94) Hexachlorobutadiene	15.24	225	46155	19.378	ug/l	98
95) Naphthalene	15.38	128	152001	19.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74554	20.302	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

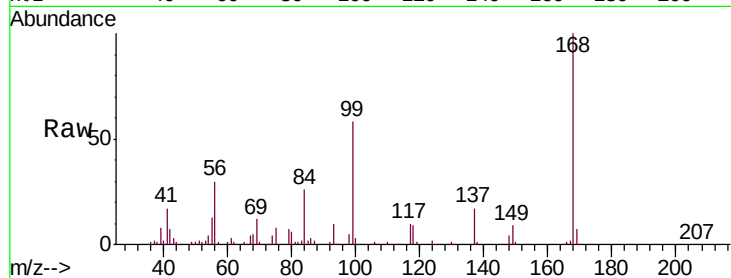
ClientSampleId :

Tot Ion:168 Resp: 241129

Ion Ratio Lower Upper

168 100

99 57.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

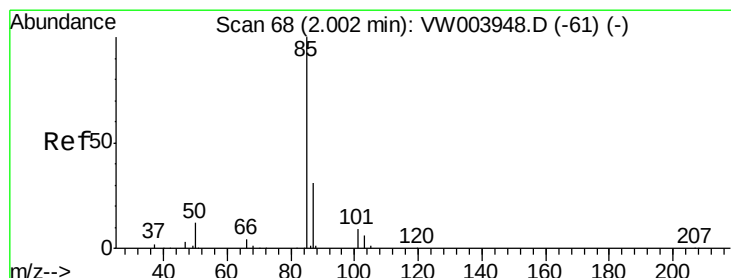
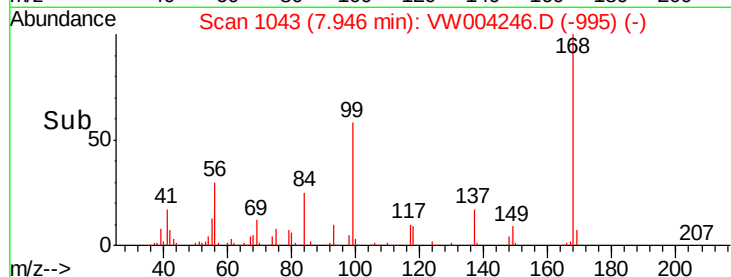
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.095 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004246.D

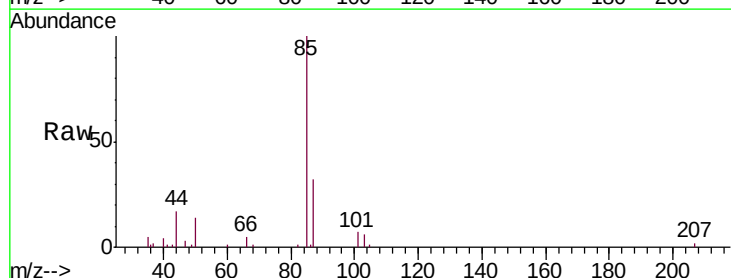
Acq: 27 Jul 2018 02:26

Tgt Ion: 85 Resp: 21795

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

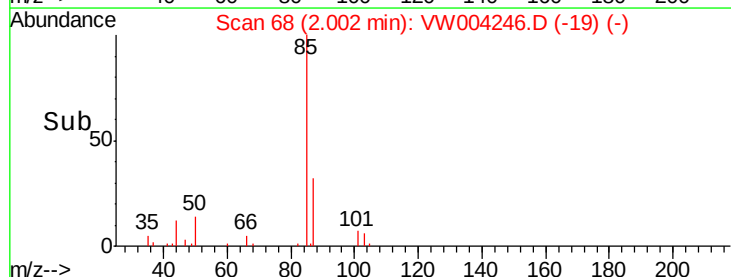
4000

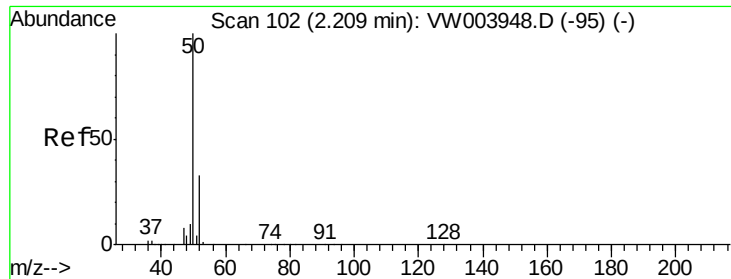
2000

0

1.90 2.00 2.10

Time-->

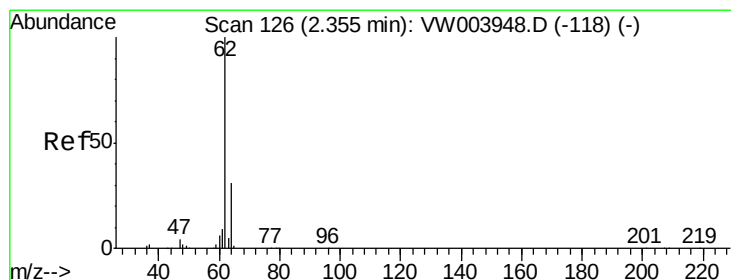
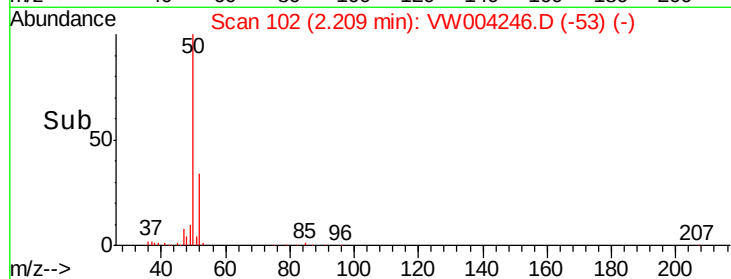
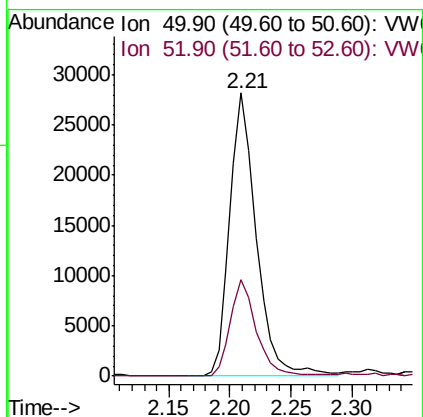
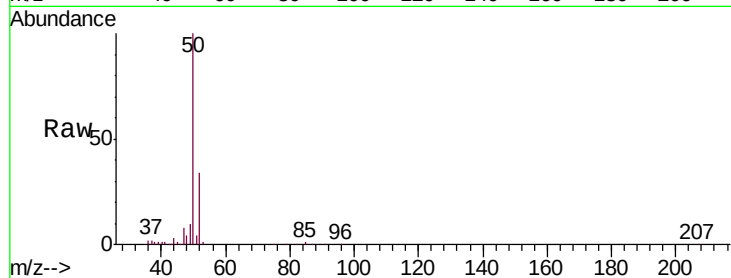




#3
Chloromethane
Concen: 23.673 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

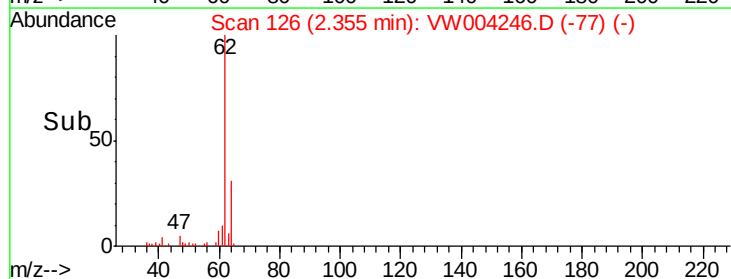
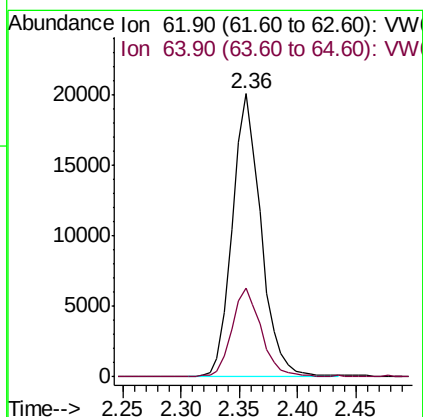
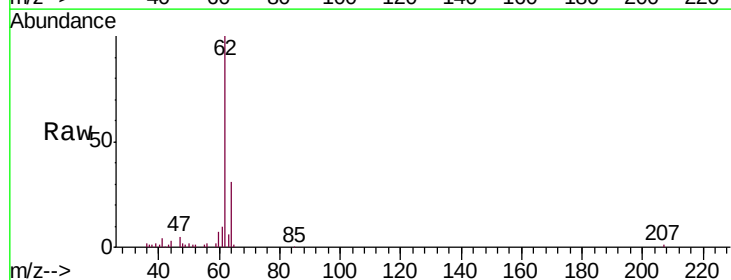
Instrument :
MSVOA_W
ClientSampleId :

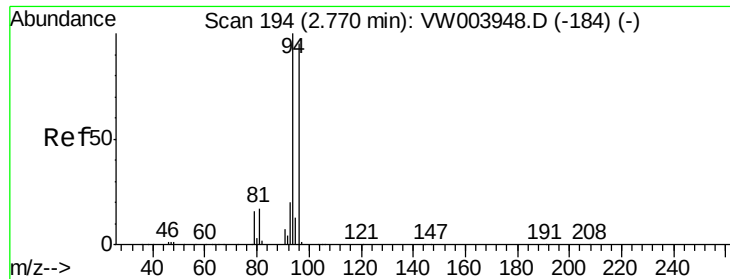
Tot Ion: 50 Resp: 42194
Ion Ratio Lower Upper
50 100
52 34.4 26.3 39.5



#4
Vinyl Chloride
Concen: 14.126 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 62 Resp: 34631
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5

Bromomethane

Concen: 20.263 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

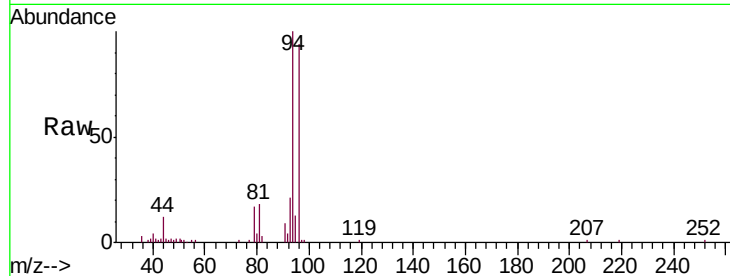
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 31049

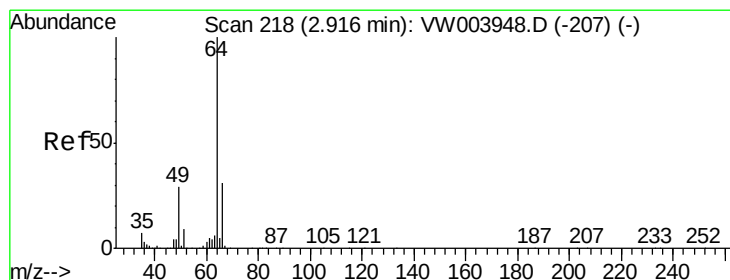
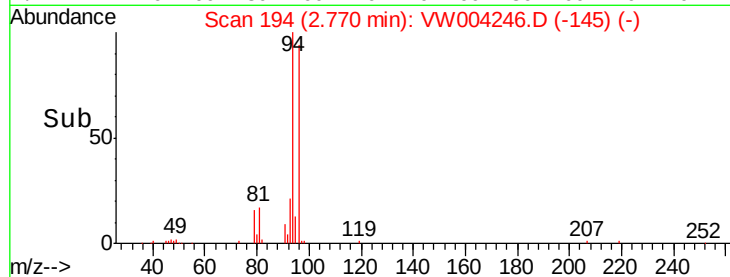
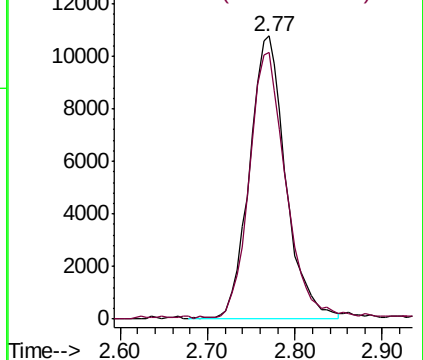
Ion Ratio Lower Upper

94 100

96 93.3 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW
Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.774 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW004246.D

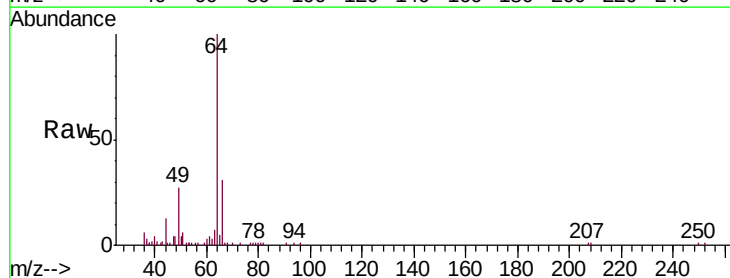
Acq: 27 Jul 2018 02:26

Tgt Ion: 64 Resp: 28936

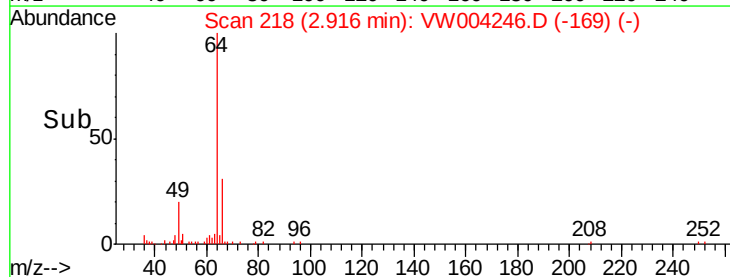
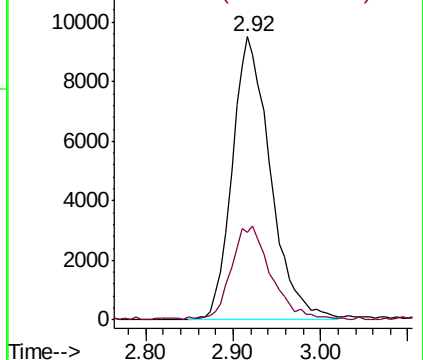
Ion Ratio Lower Upper

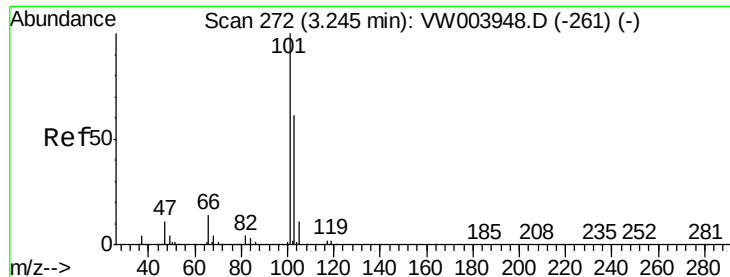
64 100

66 30.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW



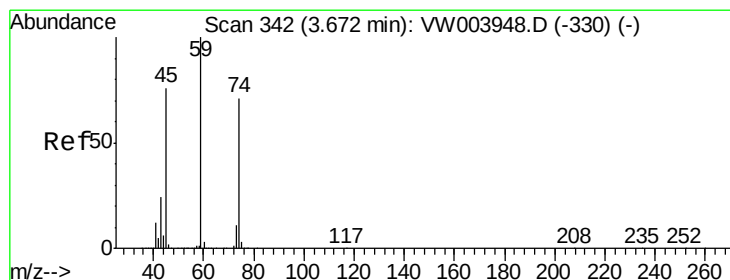
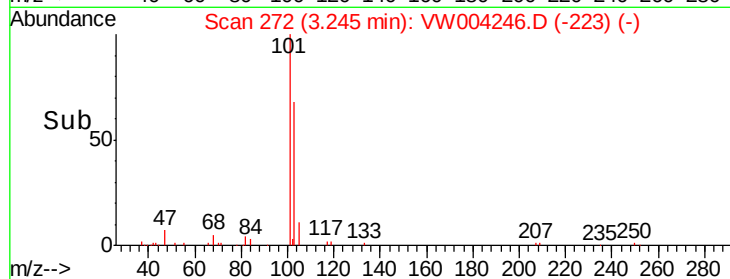
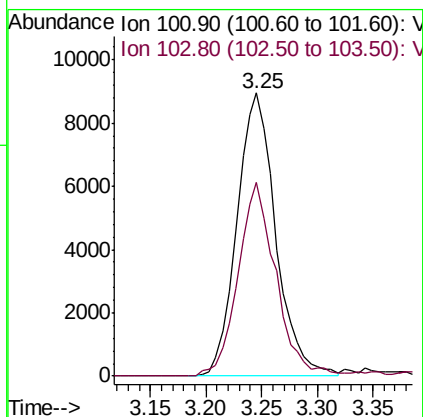
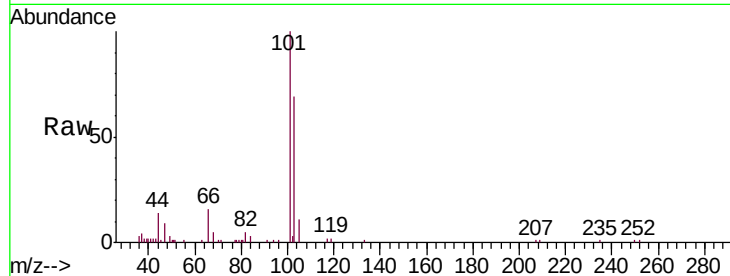


#7

Trichlorofluoromethane
 Concen: 21.020 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampled :

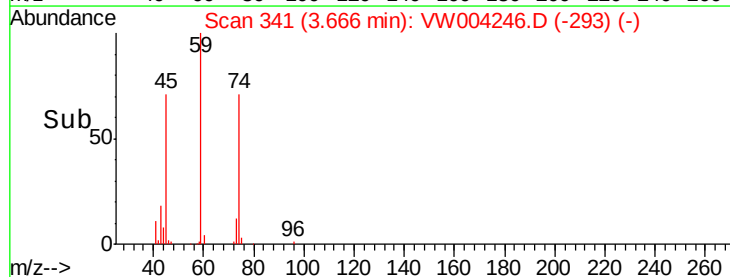
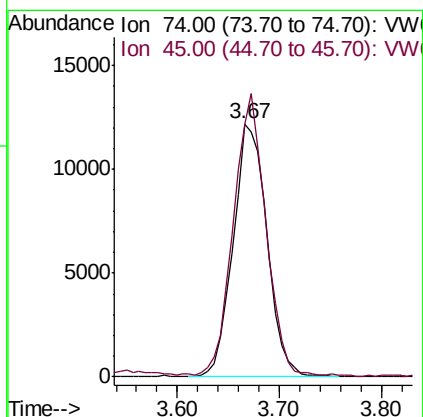
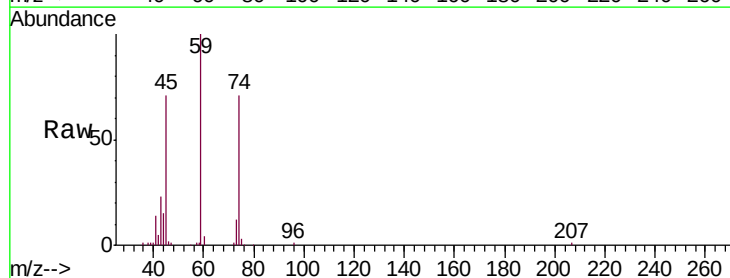
Tot Ion:101 Resp: 21634
 Ion Ratio Lower Upper
 101 100
 103 68.5 49.0 73.6

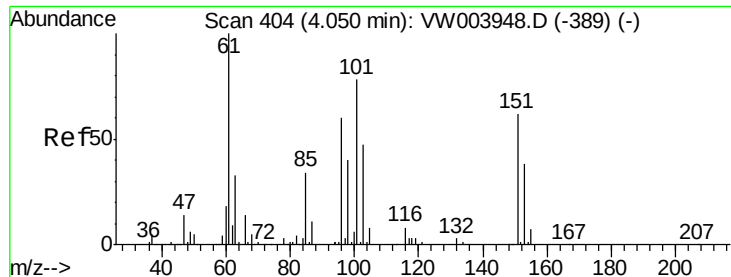


#8

Diethyl Ether
 Concen: 23.476 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 74 Resp: 28047
 Ion Ratio Lower Upper
 74 100
 45 105.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.227 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

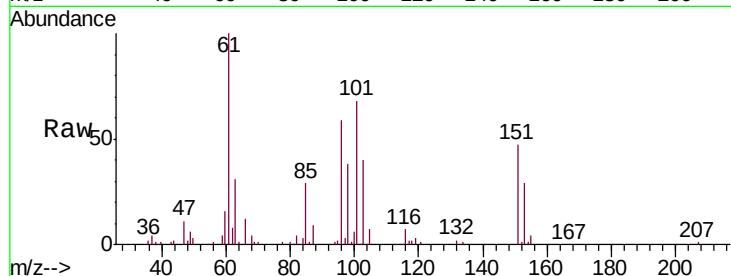
Tot Ion:101 Resp: 50414

Ion Ratio Lower Upper

101 100

85 43.4 35.8 53.6

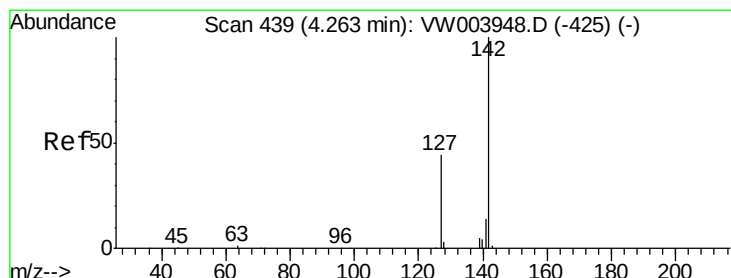
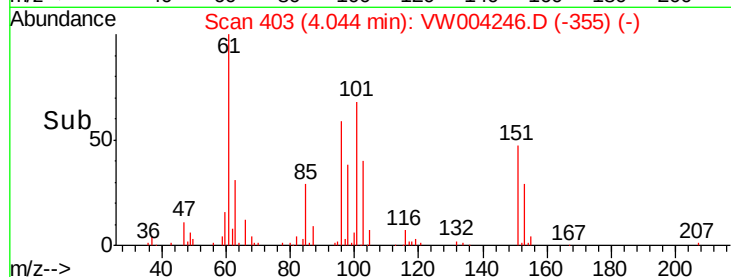
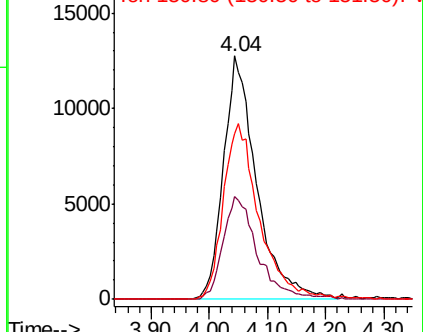
151 77.9 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.580 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

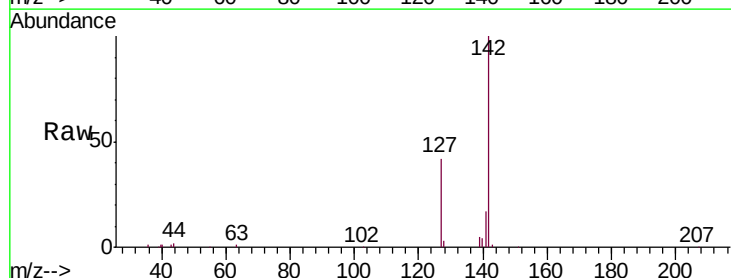
Tgt Ion:142 Resp: 73611

Ion Ratio Lower Upper

142 100

127 44.2 35.4 53.2

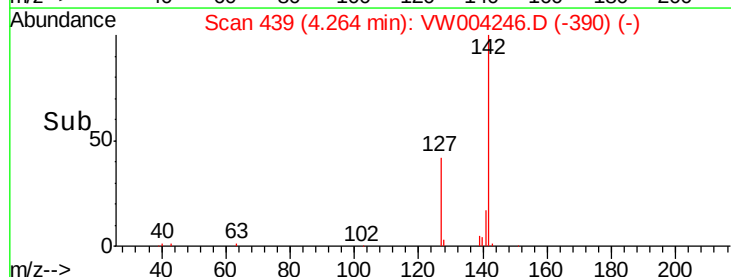
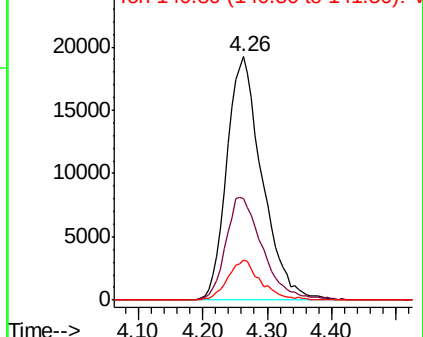
141 15.2 11.7 17.5

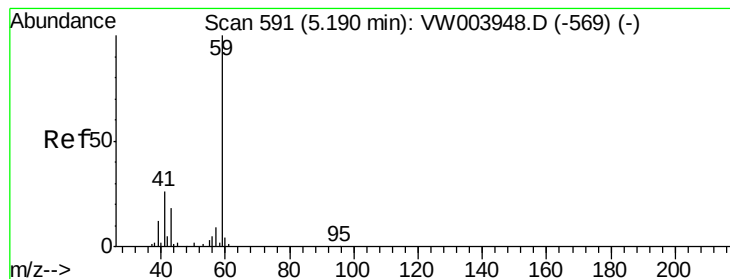


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



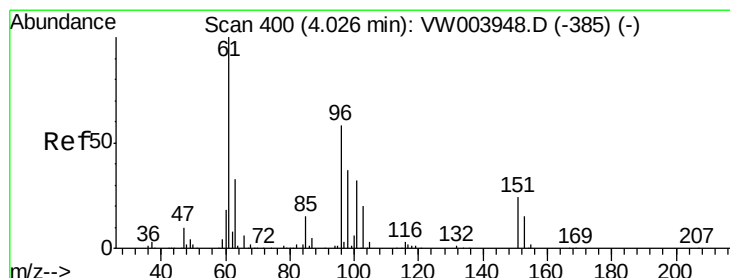
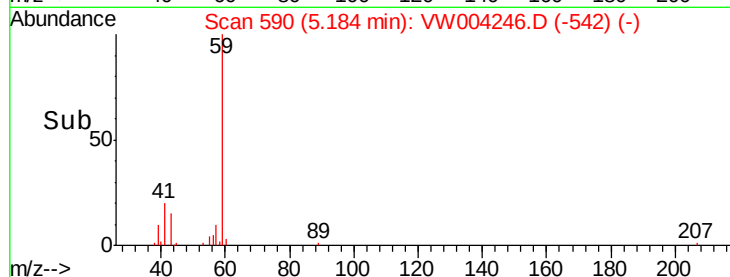
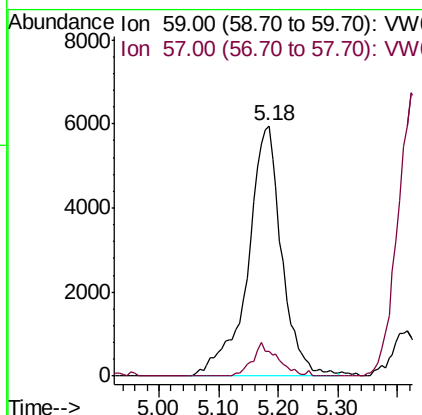
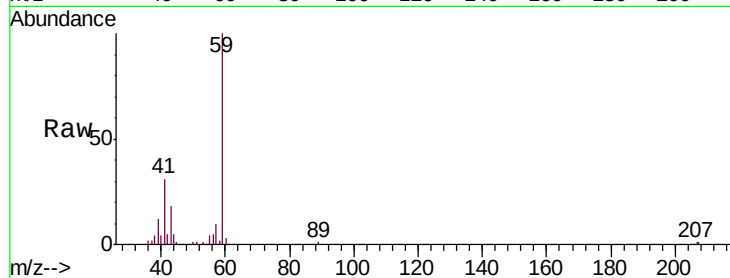


#11

Tert butyl alcohol
Concen: 126.487 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :

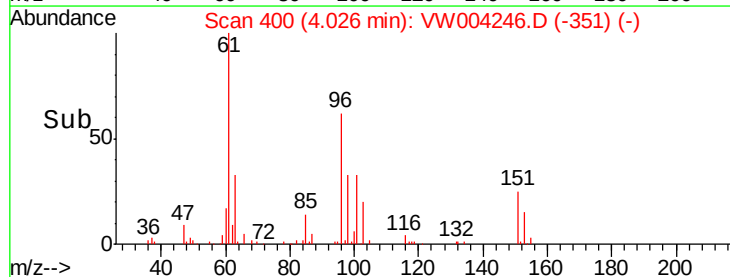
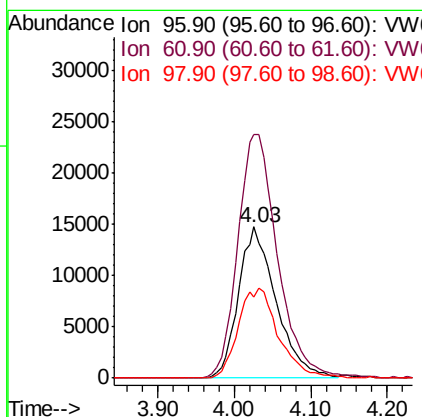
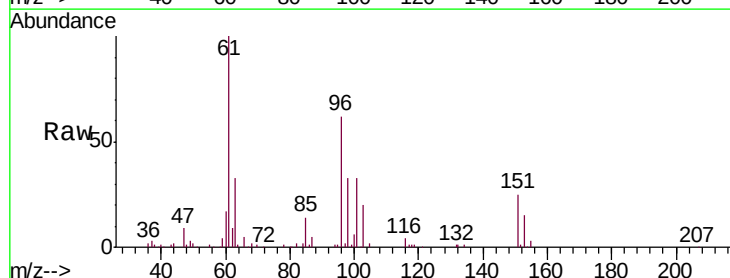
Tot Ion: 59 Resp: 23535
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

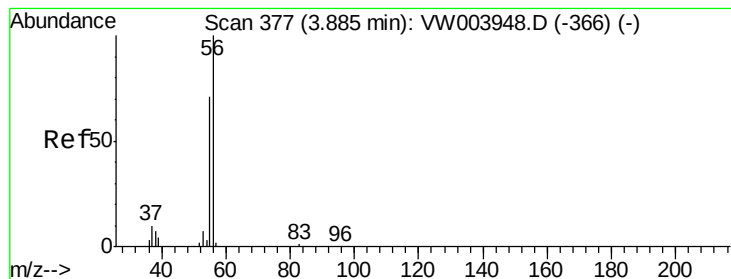


#12

1,1-Dichloroethene
Concen: 21.453 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 96 Resp: 50272
Ion Ratio Lower Upper
96 100
61 161.2 137.0 205.6
98 53.9 50.2 75.4





#13

Acrolein

Concen: 93.570 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

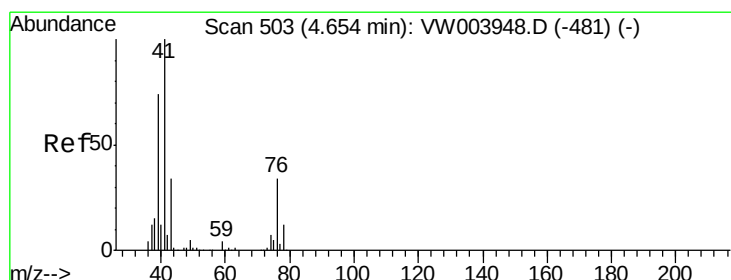
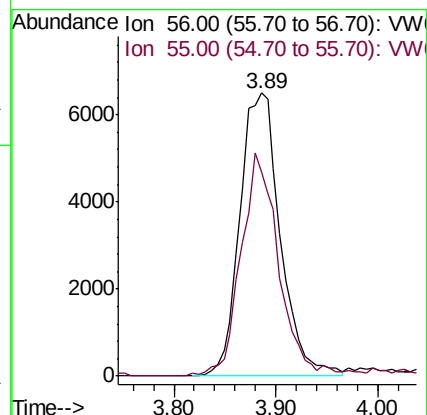
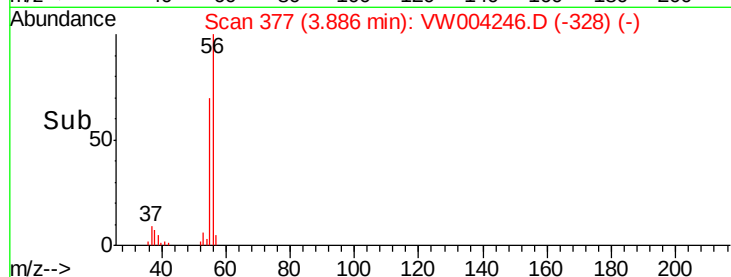
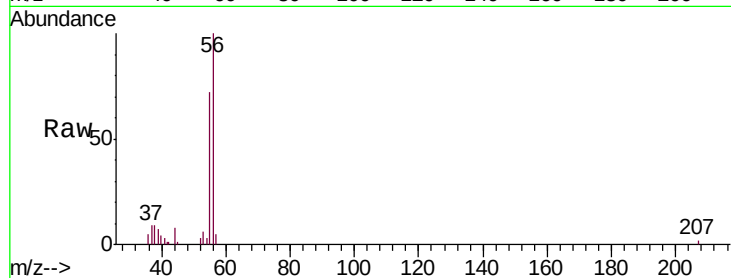
ClientSampleId :

Tot Ion: 56 Resp: 17889

Ion Ratio Lower Upper

56 100

55 73.2 58.2 87.4



#14

Allyl chloride

Concen: 22.444 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

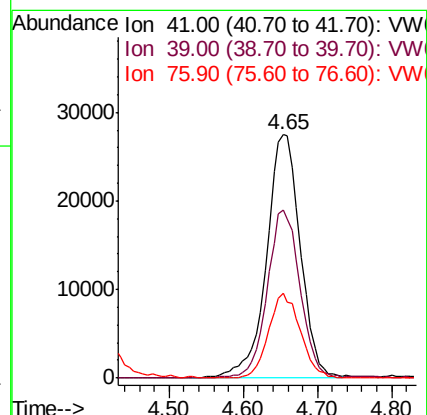
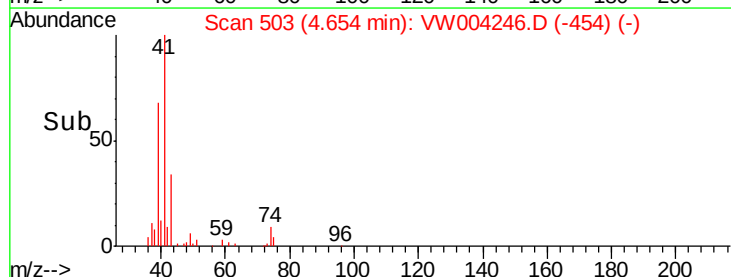
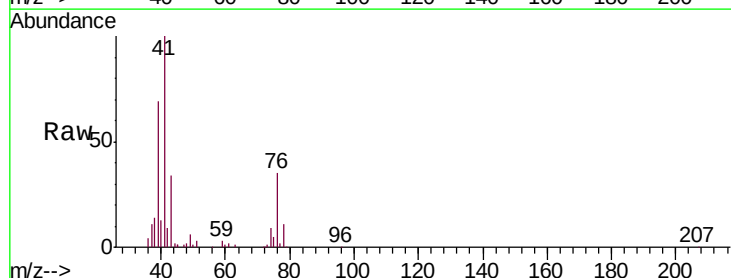
Tgt Ion: 41 Resp: 86815

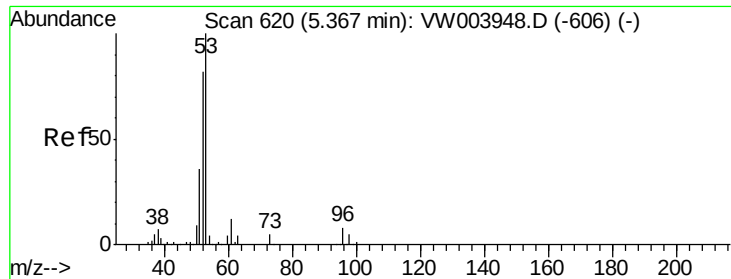
Ion Ratio Lower Upper

41 100

39 67.0 57.0 85.4

76 32.8 26.5 39.7





#15

Acrylonitrile

Concen: 119.875 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

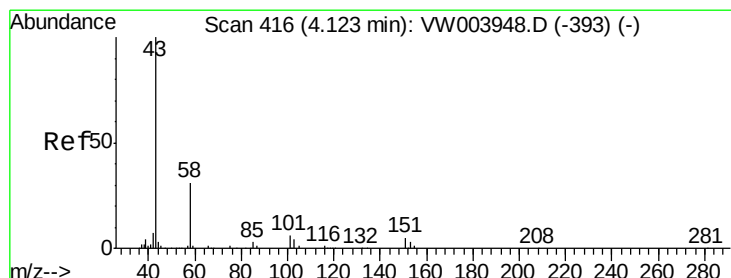
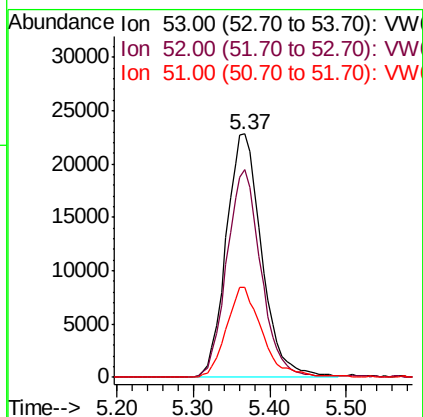
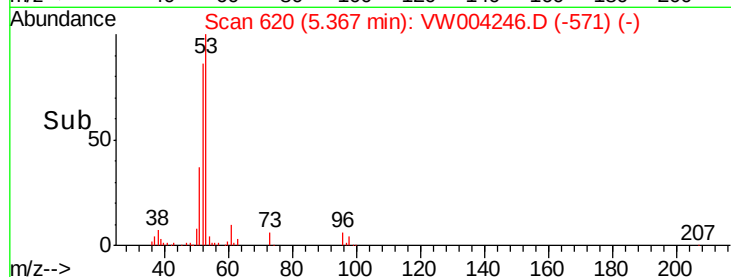
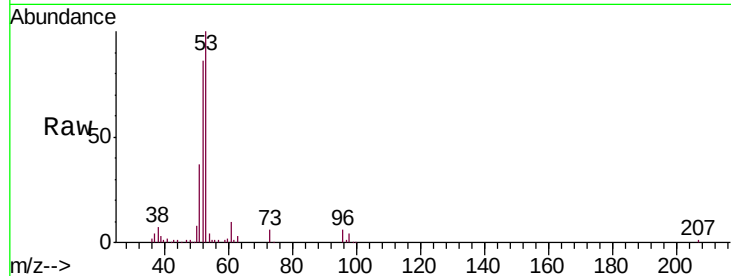
Tot Ion: 53 Resp: 73385

Ion Ratio Lower Upper

53 100

52 82.1 66.1 99.1

51 37.3 29.8 44.6



#16

Acetone

Concen: 96.040 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004246.D

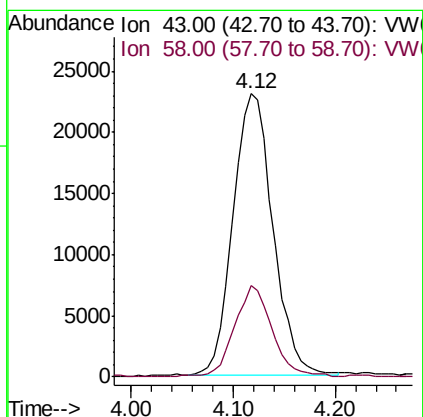
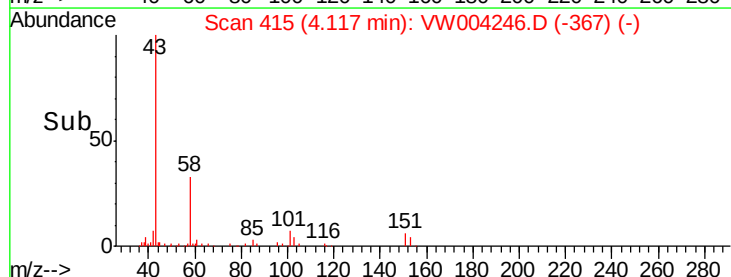
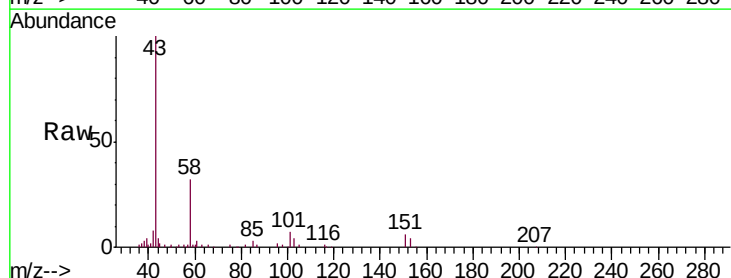
Acq: 27 Jul 2018 02:26

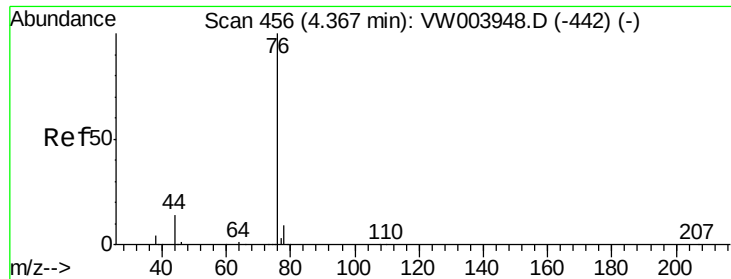
Tgt Ion: 43 Resp: 62204

Ion Ratio Lower Upper

43 100

58 32.4 24.5 36.7





#17

Carbon Disulfide

Concen: 21.791 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

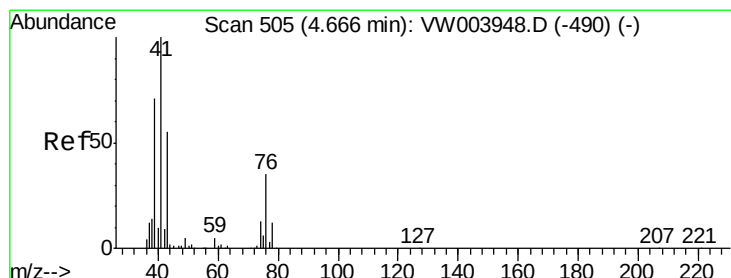
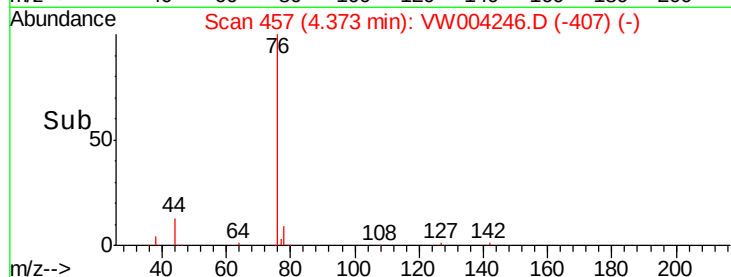
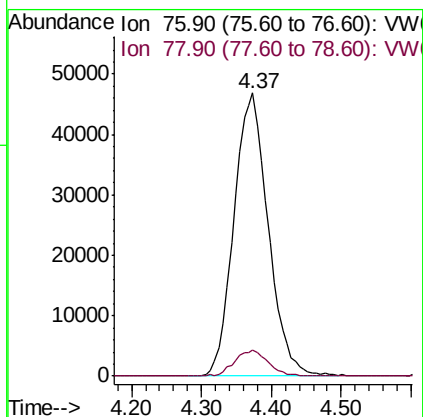
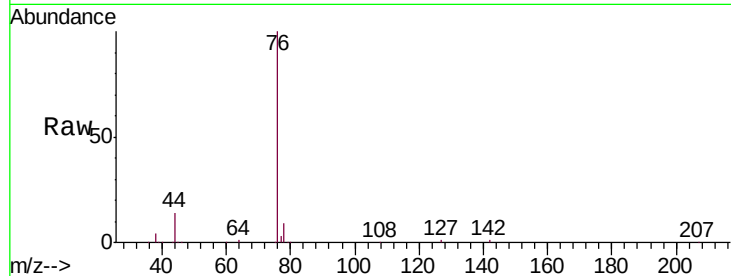
ClientSampleId :

Tot Ion: 76 Resp: 159390

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 24.412 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004246.D

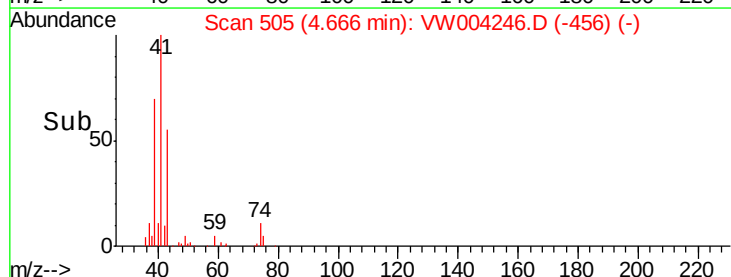
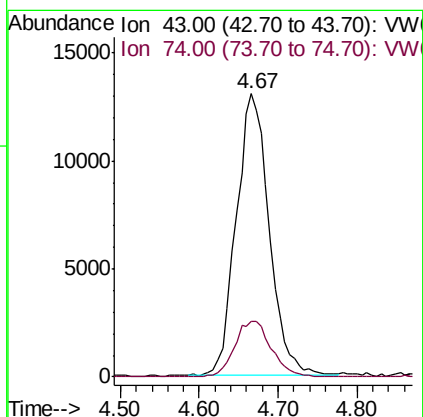
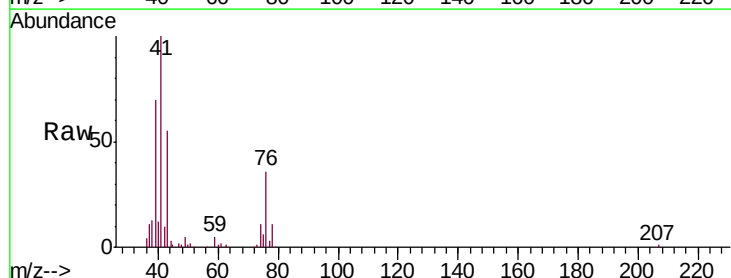
Acq: 27 Jul 2018 02:26

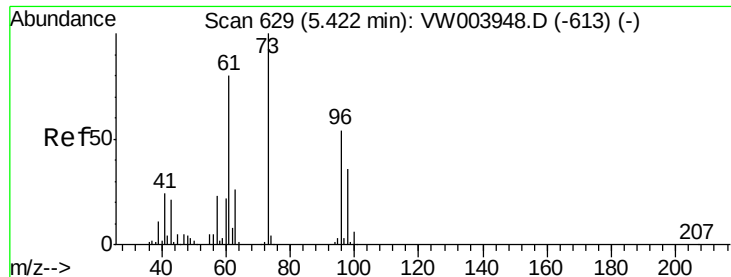
Tgt Ion: 43 Resp: 37954

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5

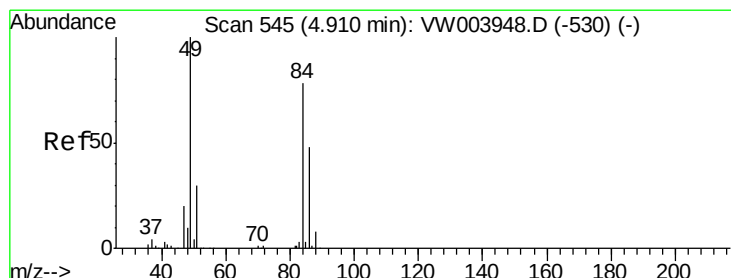
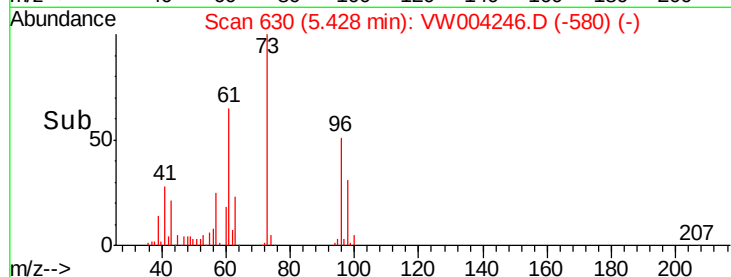
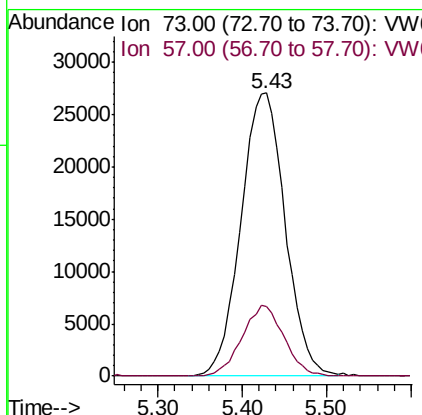
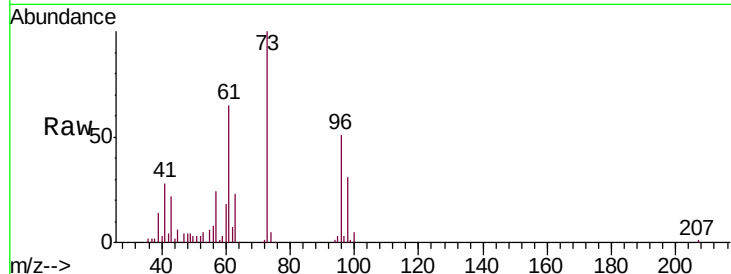




#19
Methyl tert-butyl Ether
Concen: 21.507 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

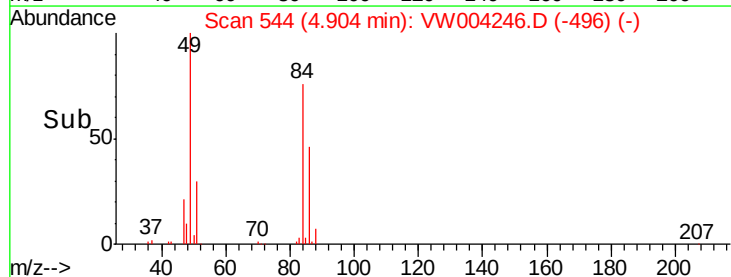
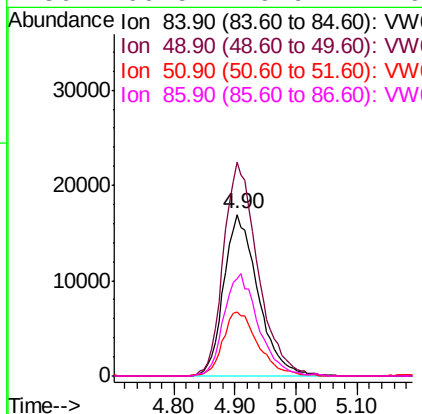
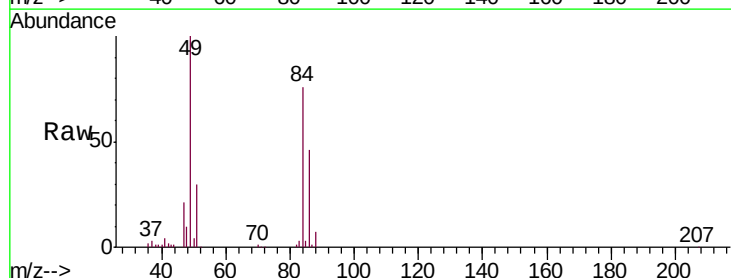
Instrument :
MSVOA_W
ClientSampled :

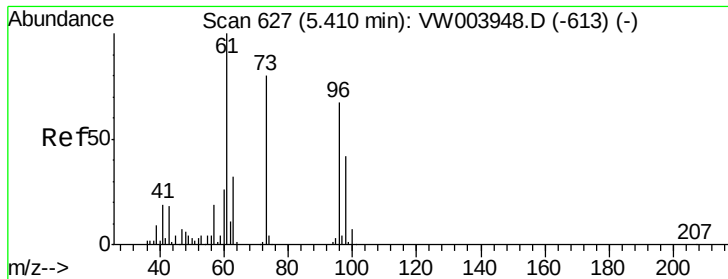
Tot Ion: 73 Resp: 96592
Ion Ratio Lower Upper
73 100
57 24.5 18.2 27.4



#20
Methylene Chloride
Concen: 17.860 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 84 Resp: 65518
Ion Ratio Lower Upper
84 100
49 131.9 102.9 154.3
51 39.3 30.9 46.3
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.942 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :

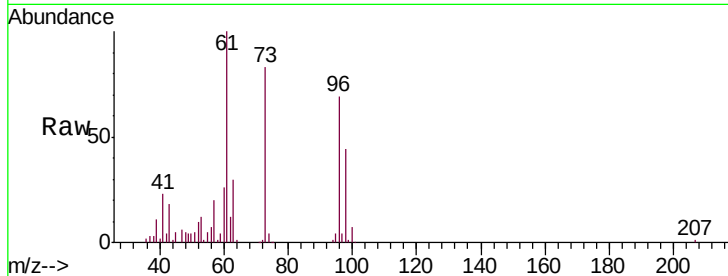
Tot Ion: 96 Resp: 56363

Ion Ratio Lower Upper

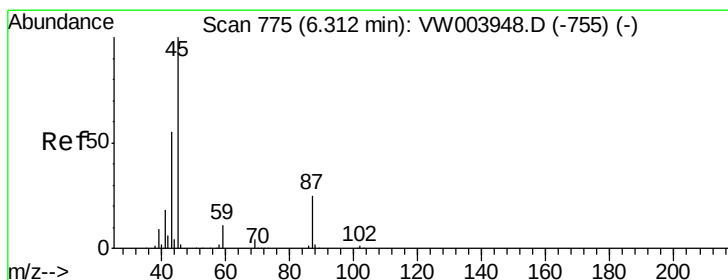
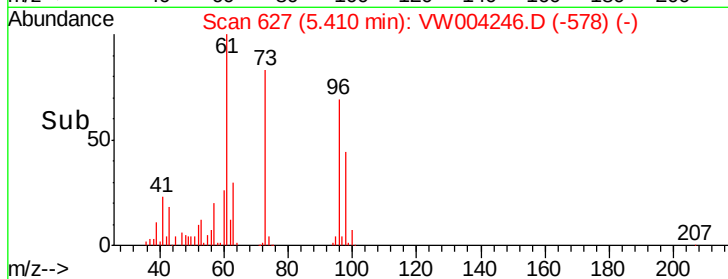
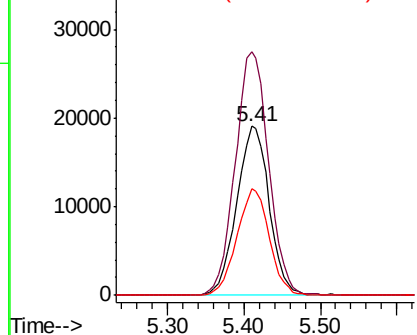
96 100

61 144.2 119.0 178.4

98 62.8 49.9 74.9



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



#22

Diisopropyl ether

Concen: 23.668 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion: 45 Resp: 185027

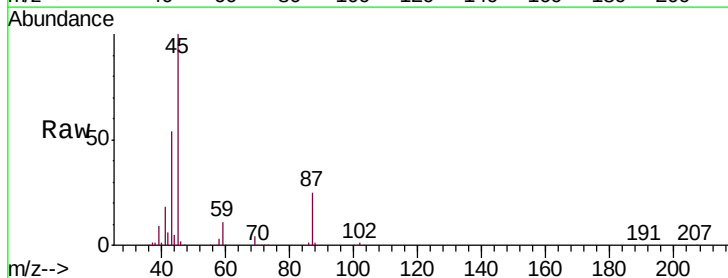
Ion Ratio Lower Upper

45 100

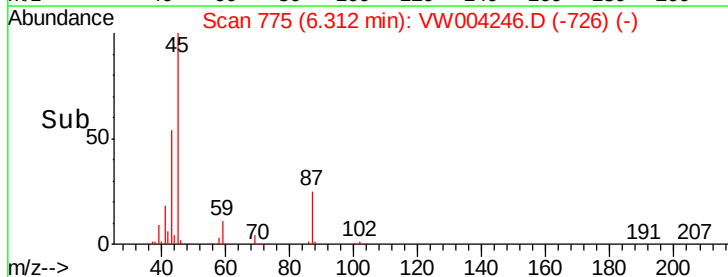
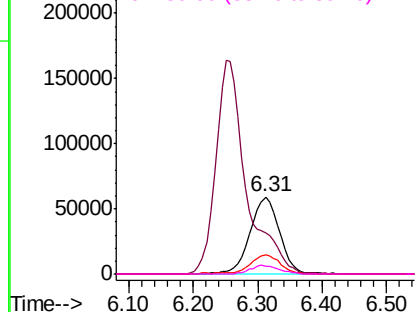
43 53.0 44.3 66.5

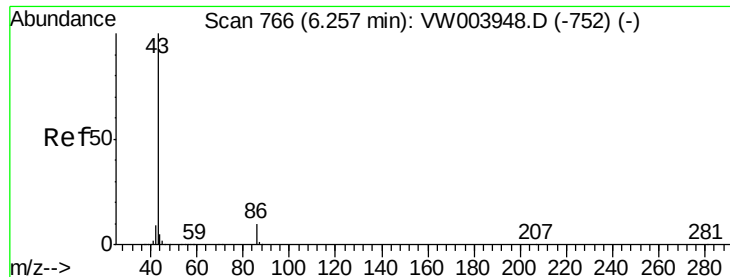
87 24.6 20.2 30.4

59 10.8 9.0 13.4



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





#23

Vinyl Acetate

Concen: 109.537 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

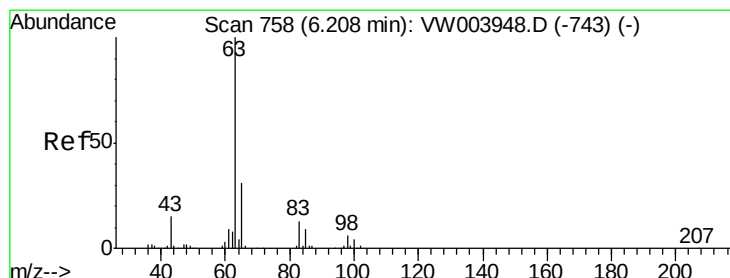
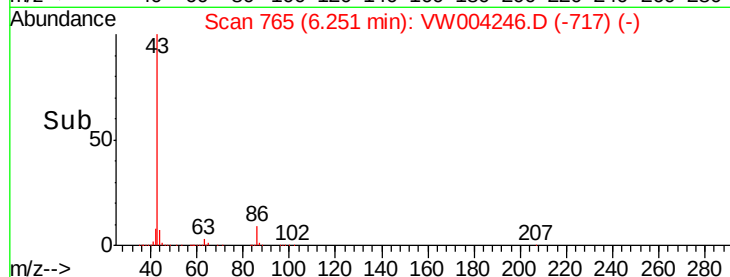
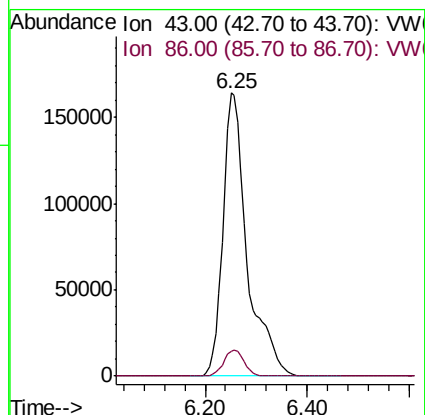
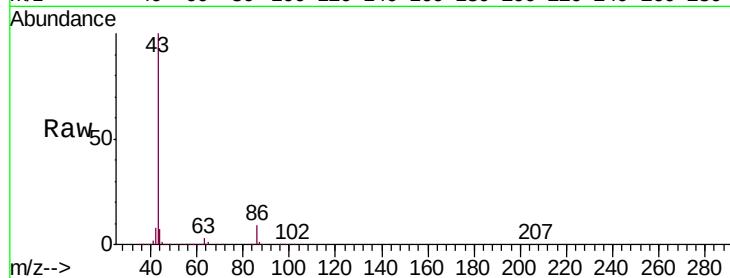
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 542562

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



#24

1,1-Dichloroethane

Concen: 22.620 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

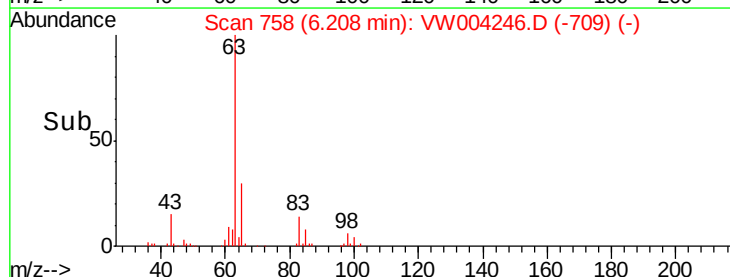
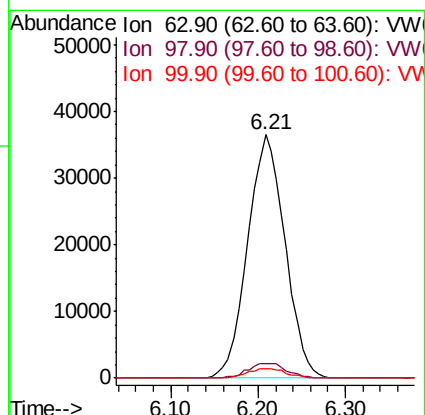
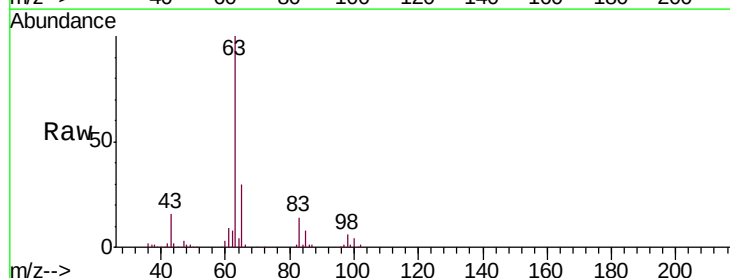
Tgt Ion: 63 Resp: 107896

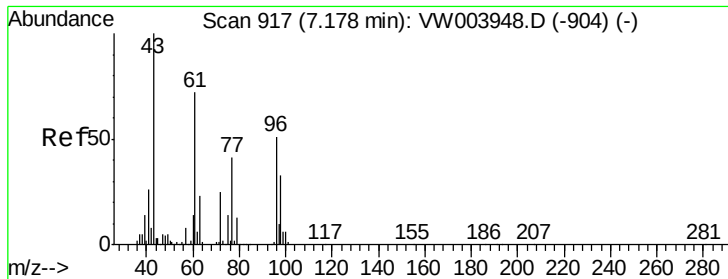
Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.4

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 110.586 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

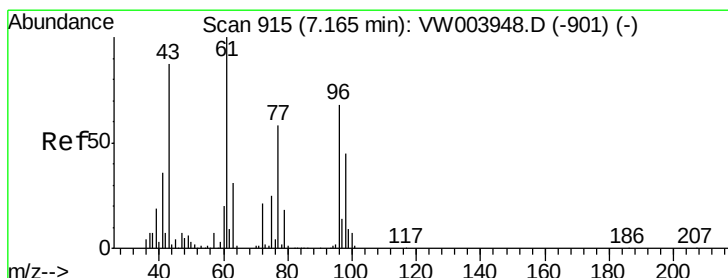
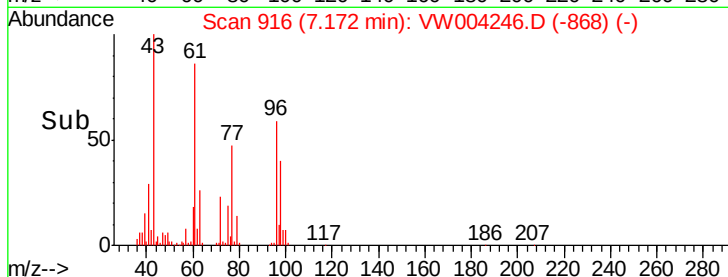
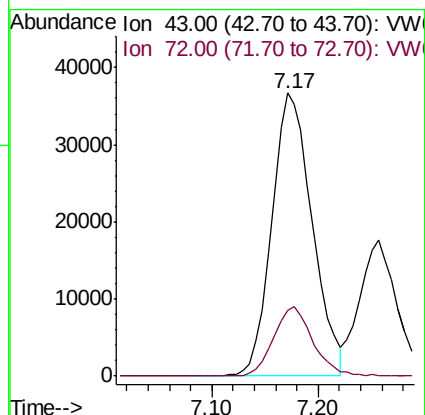
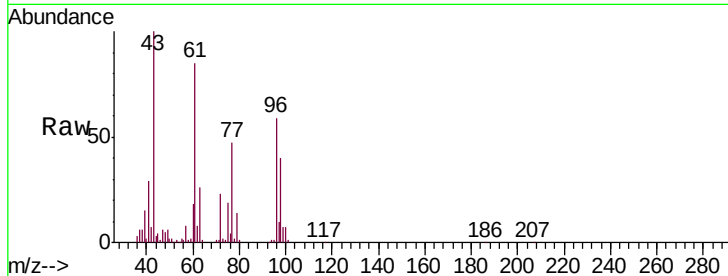
ClientSampled :

Tot Ion: 43 Resp: 96387

Ion Ratio Lower Upper

43 100

72 23.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.010 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004246.D

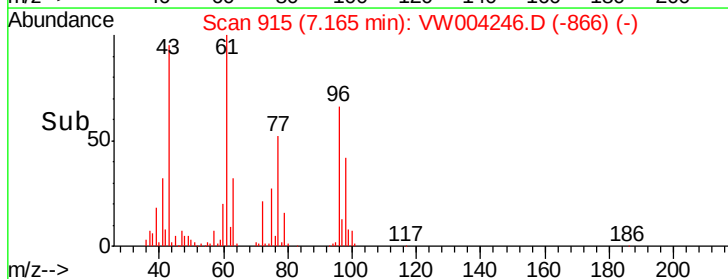
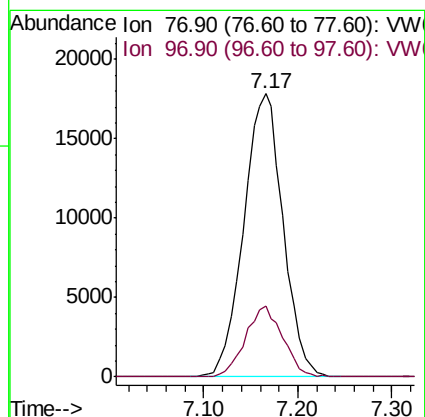
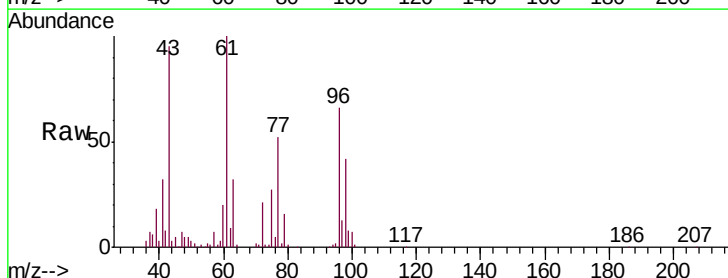
Acq: 27 Jul 2018 02:26

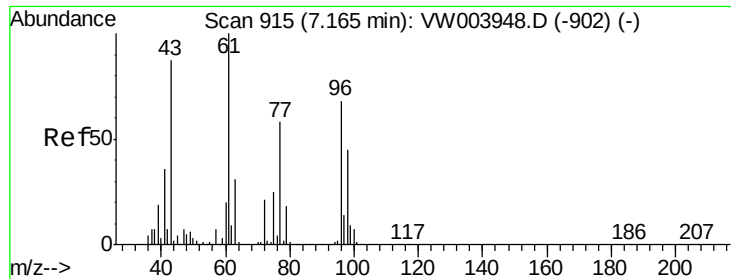
Tgt Ion: 77 Resp: 52051

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3



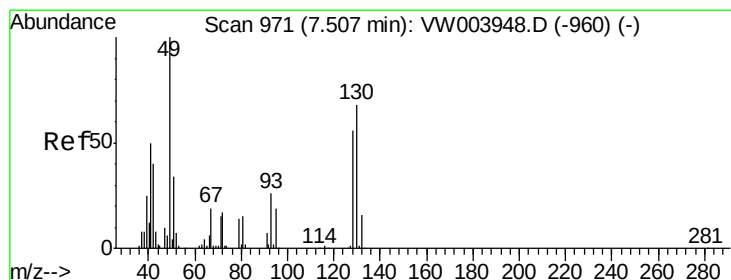
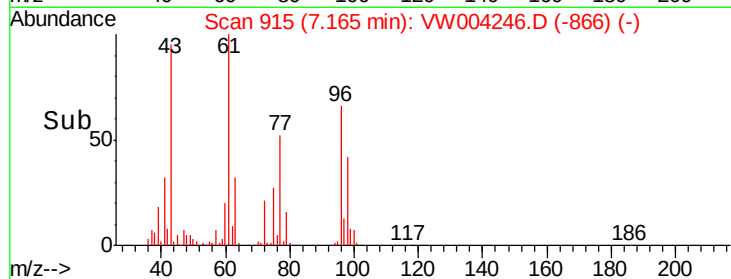
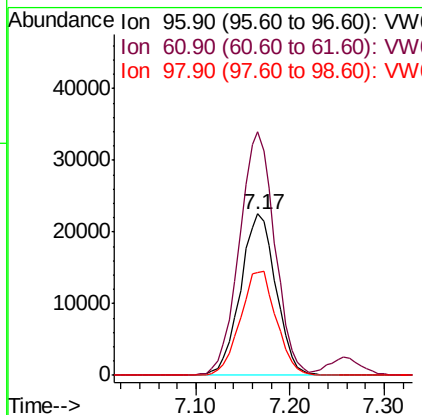
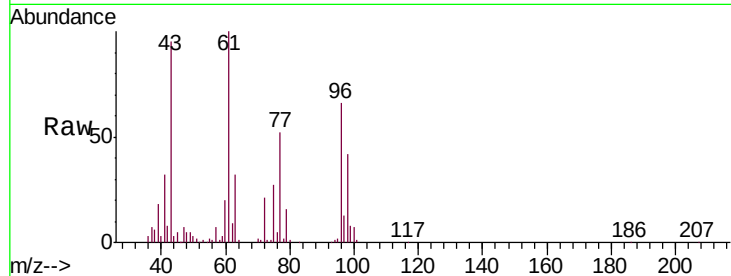


#27

cis-1,2-Dichloroethene
 Concen: 21.340 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampled :

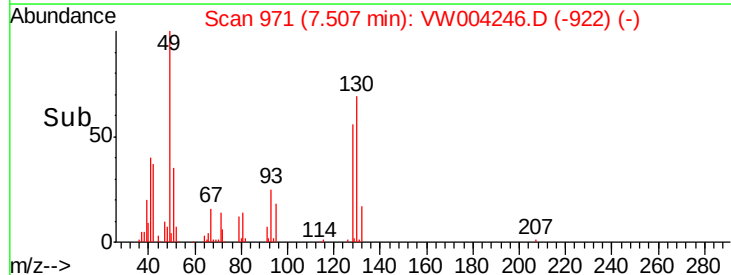
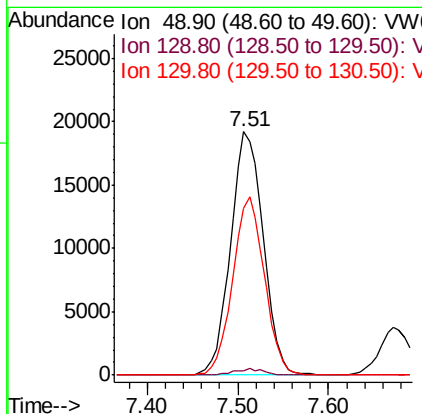
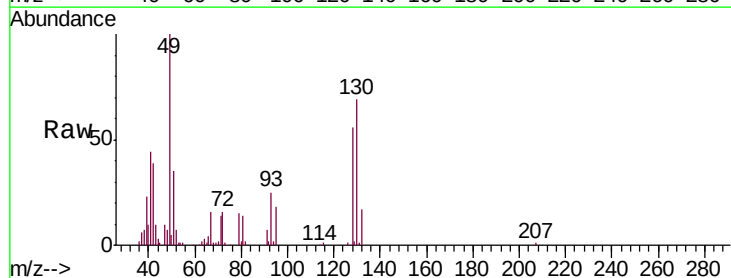
Tot Ion	96	Resp	59257
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	298.6
98	65.4	0.0	130.4

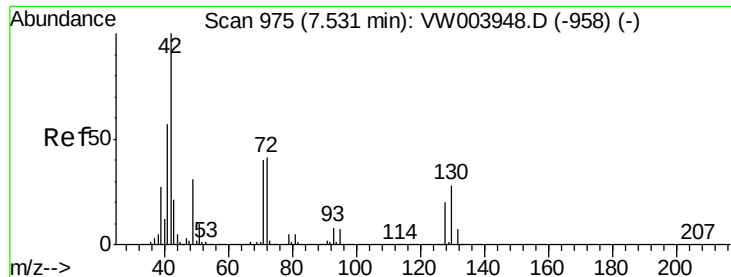


#28

Bromochloromethane
 Concen: 24.751 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	49	Resp	48316
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	71.0	58.3	87.5

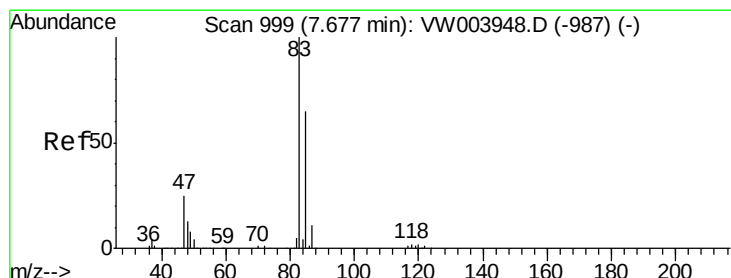
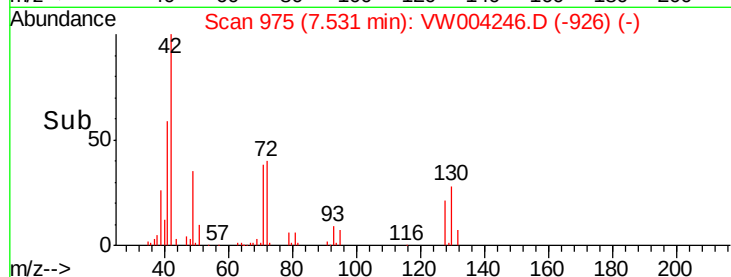
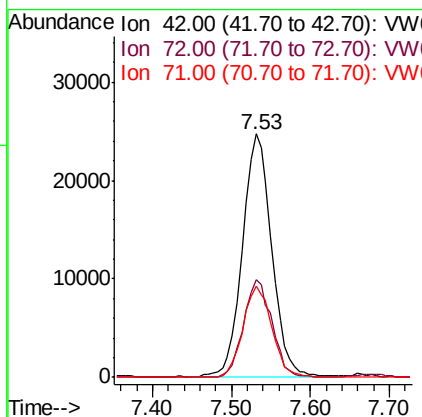
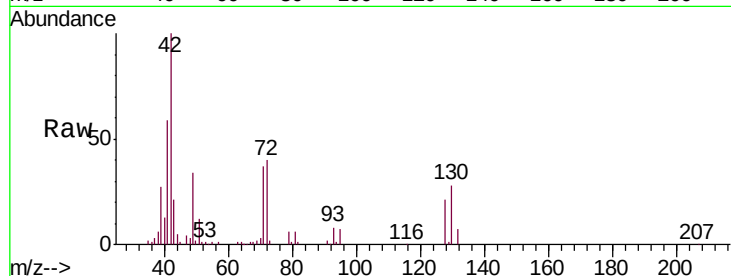




#29
Tetrahydrofuran
Concen: 118.539 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

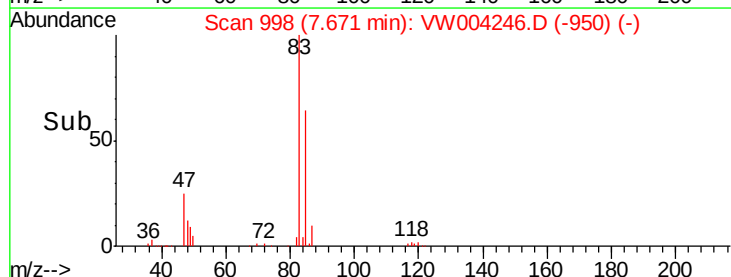
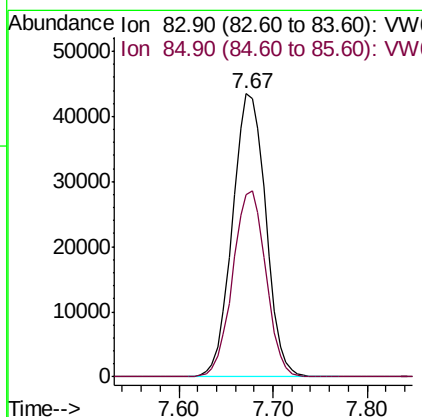
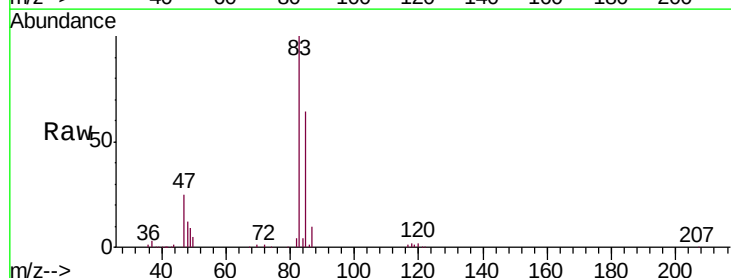
Instrument :
MSVOA_W
ClientSampled :

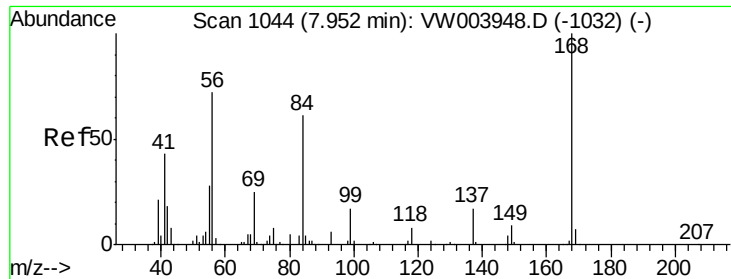
Tot Ion: 42 Resp: 64357
Ion Ratio Lower Upper
42 100
72 38.6 32.6 48.8
71 36.7 30.5 45.7



#30
Chloroform
Concen: 22.602 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 83 Resp: 107240
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4

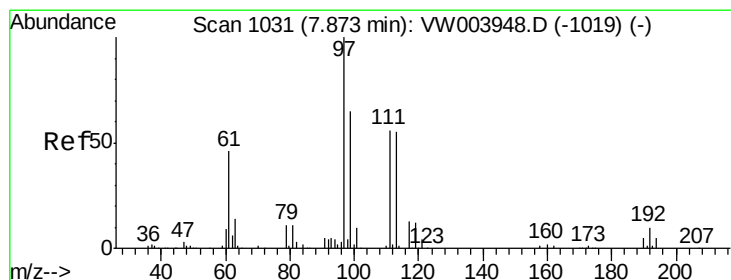
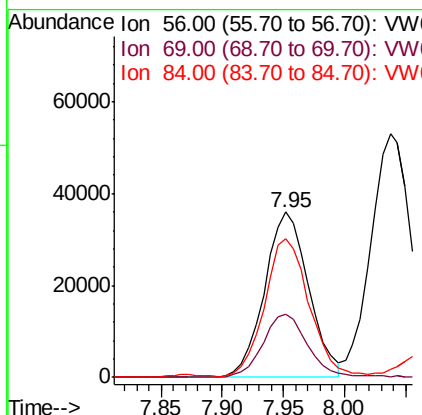
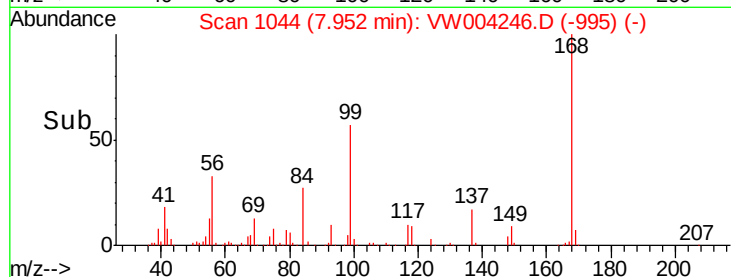
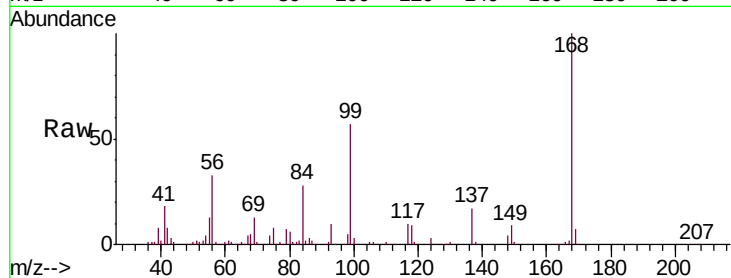




#31
Cyclohexane
Concen: 20.177 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

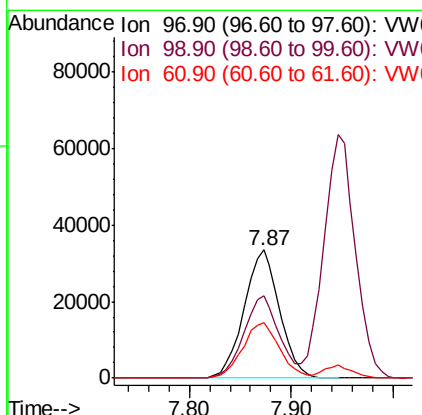
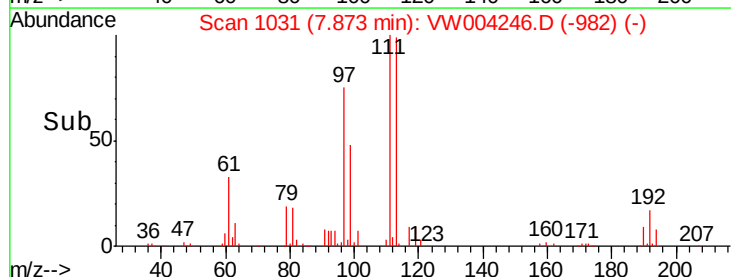
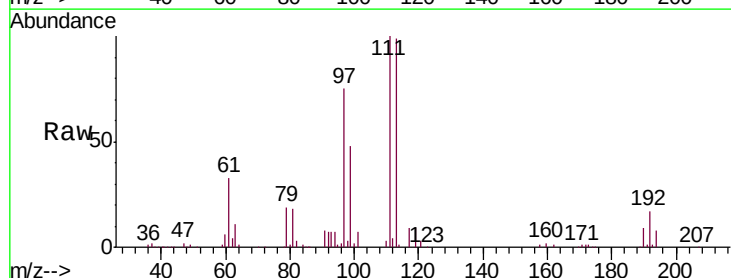
Instrument :
MSVOA_W
ClientSampled :

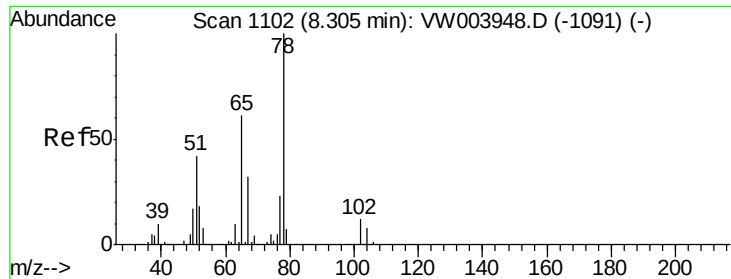
Tot Ion: 56 Resp: 90217
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.8
84 82.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.852 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 97 Resp: 80964
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 44.9 36.8 55.2

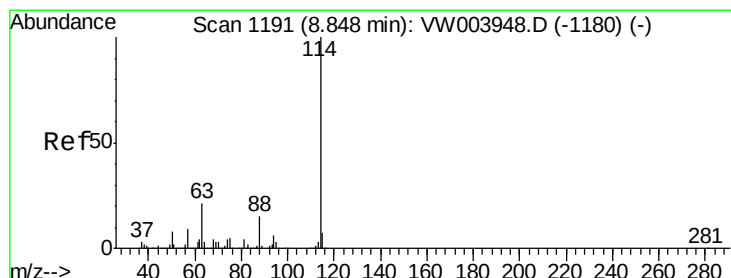
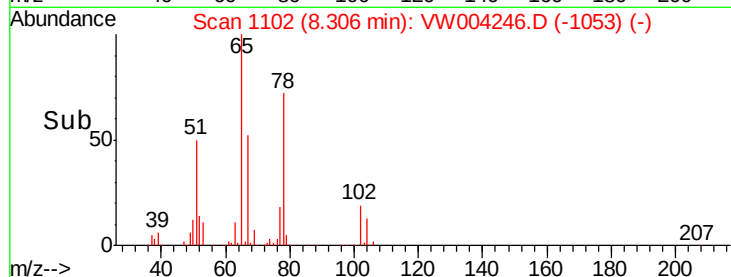
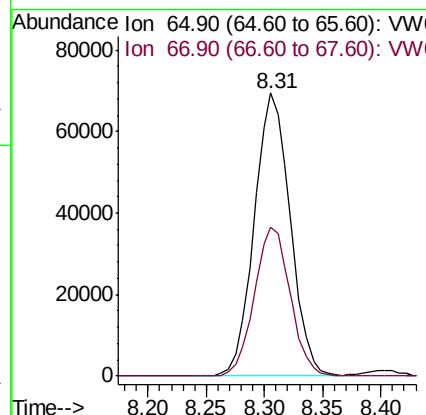
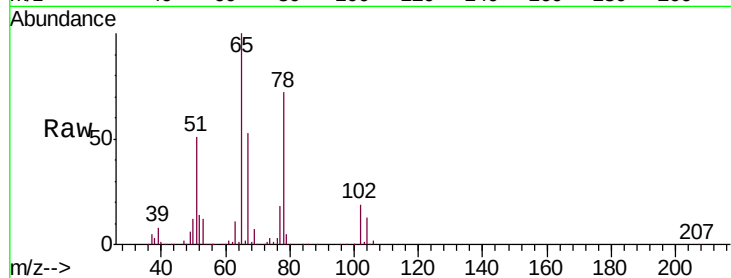




#33
 1,2-Dichloroethane-d4
 Concen: 55.482 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

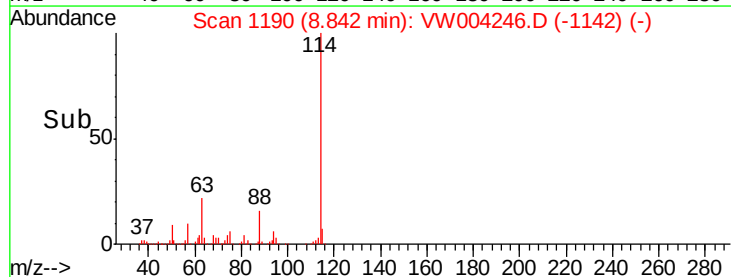
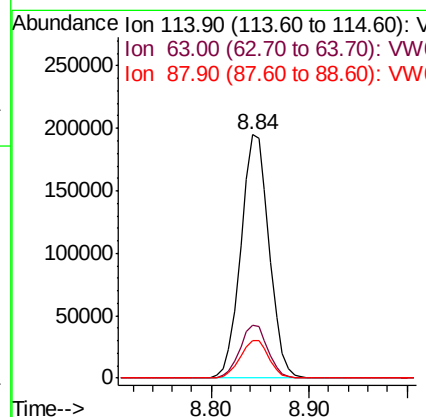
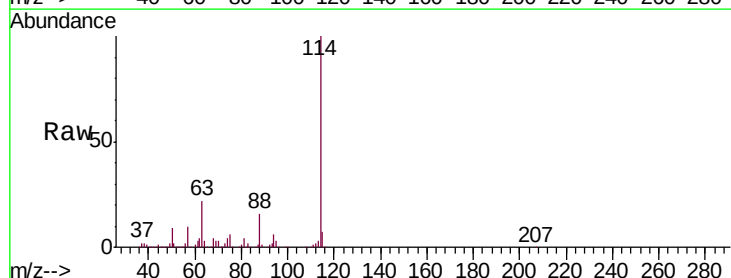
Instrument :
 MSVOA_W
 ClientSampleId :

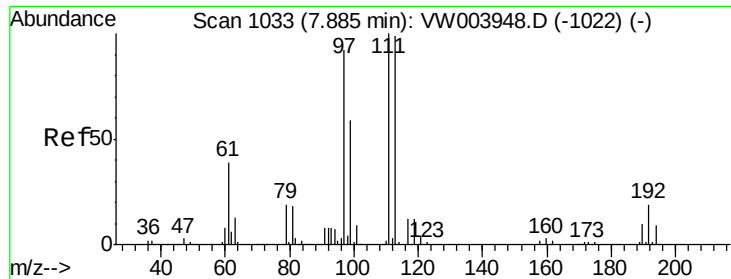
Tot Ion: 65 Resp: 149543
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 114 Resp: 388320
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 15.6 0.0 30.4

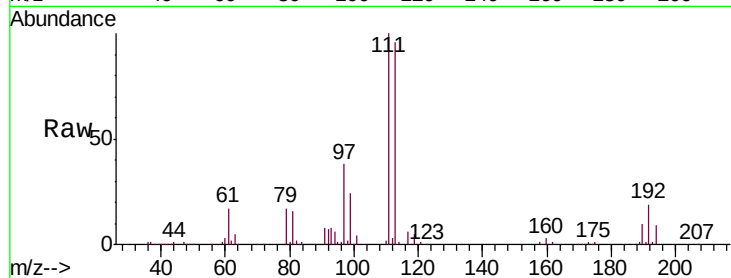




#35
 Dibromofluoromethane
 Concen: 52.751 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	19.6	15.8	23.6

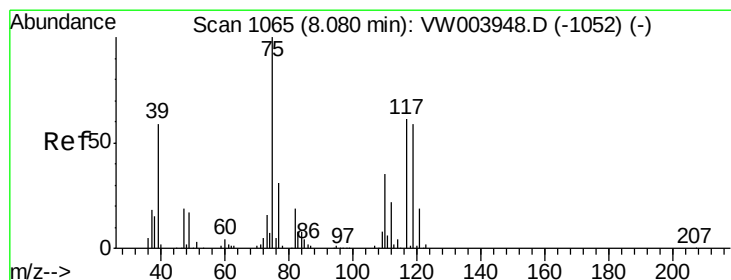
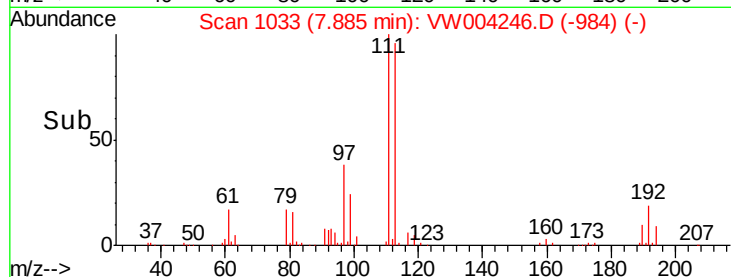
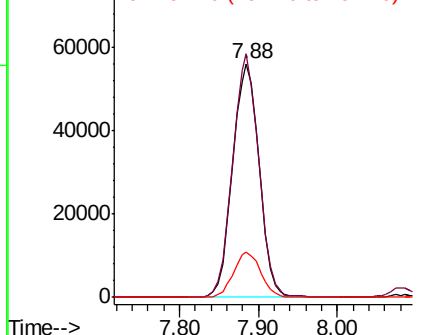


Abundance

Ion 112.80 (112.50 to 113.50): V

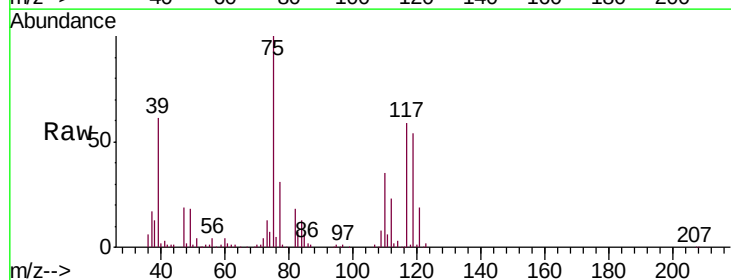
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.555 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.0	51.0
77	31.1	24.9	37.3

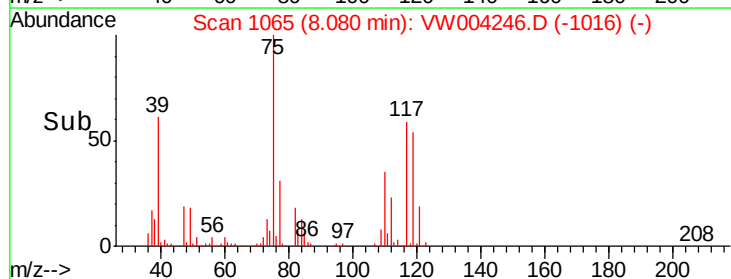
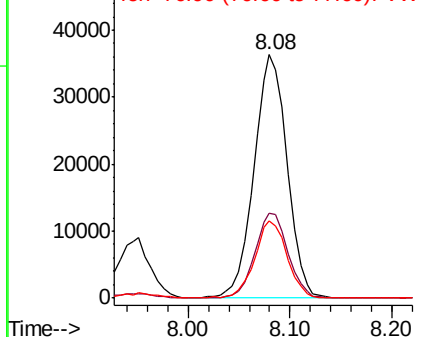


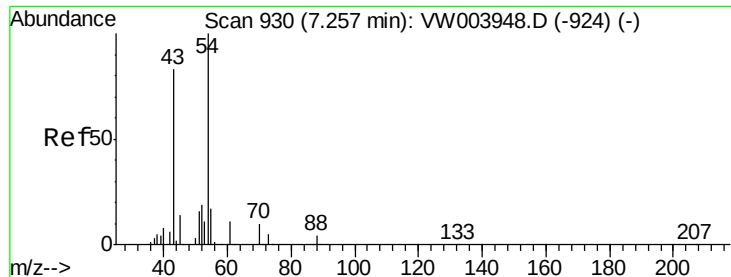
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

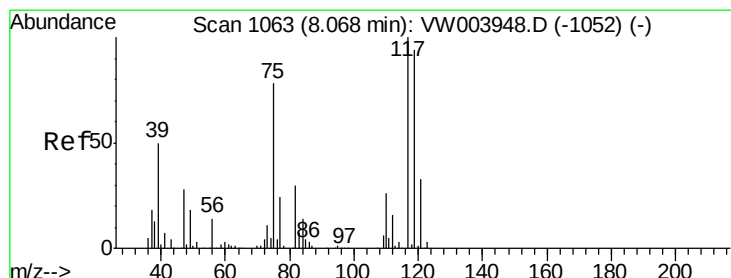
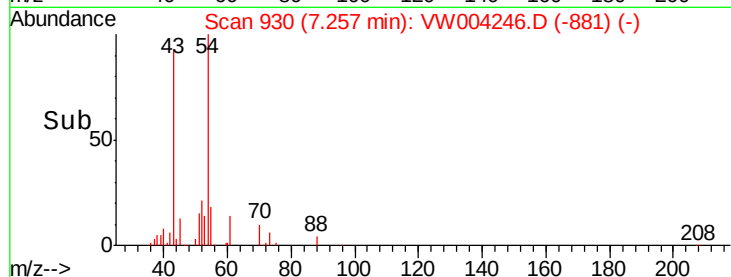
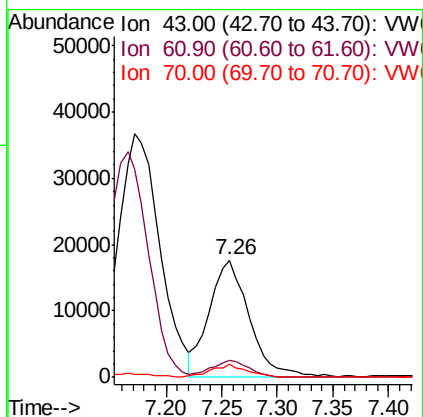
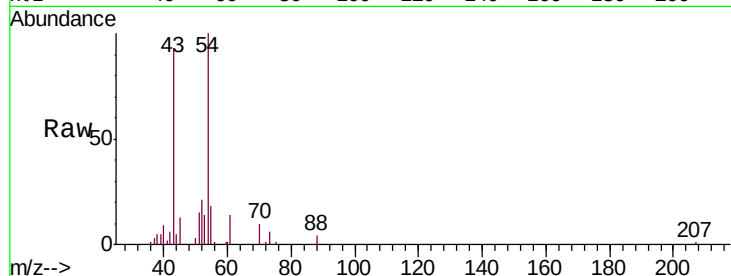




#37
Ethyl Acetate
Concen: 22.783 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

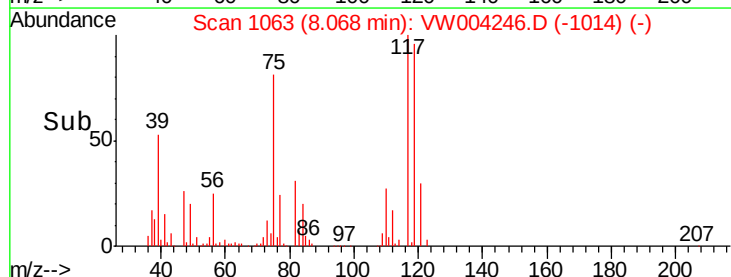
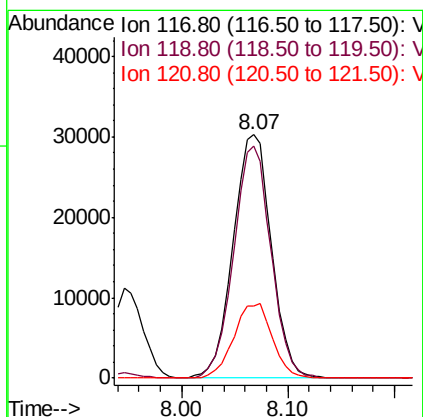
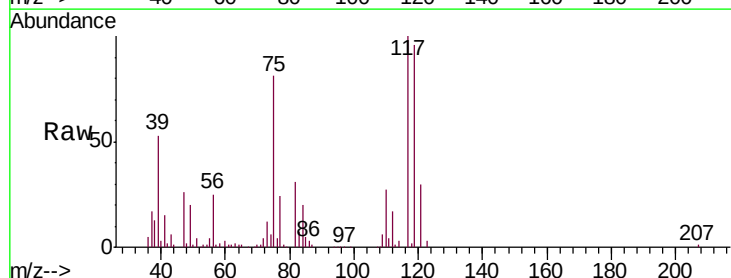
Instrument :
MSVOA_W
ClientSampled :

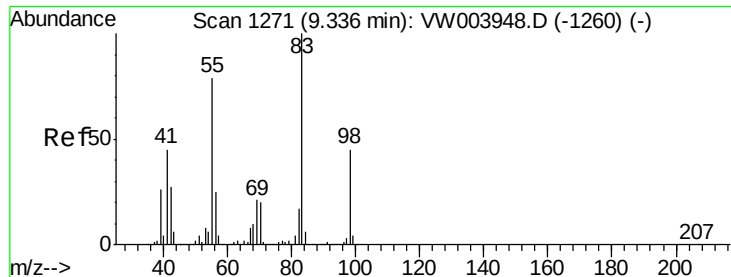
Tot Ion: 43 Resp: 43904
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.447 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 117 Resp: 76332
Ion Ratio Lower Upper
117 100
119 95.6 75.3 112.9
121 29.7 26.0 39.0

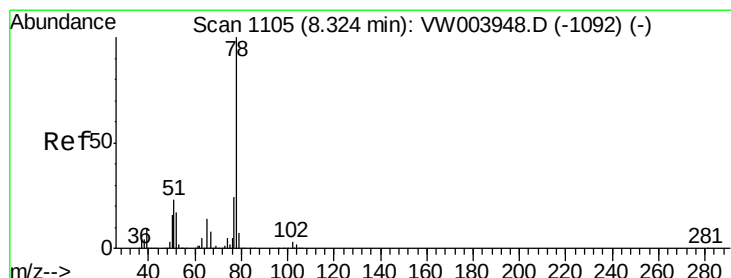
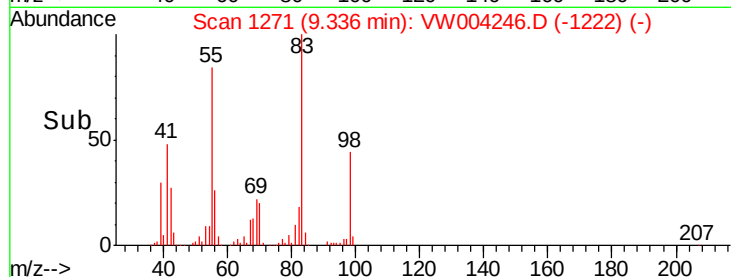
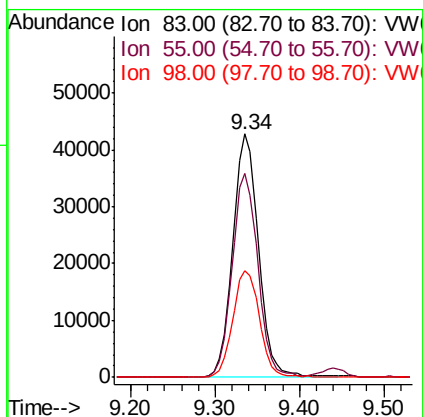
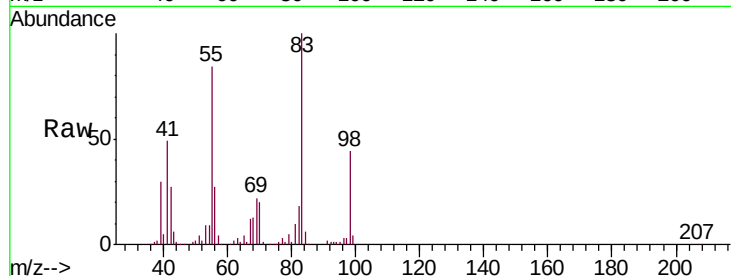




#39
Methylvlcyclohexane
Concen: 18.897 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

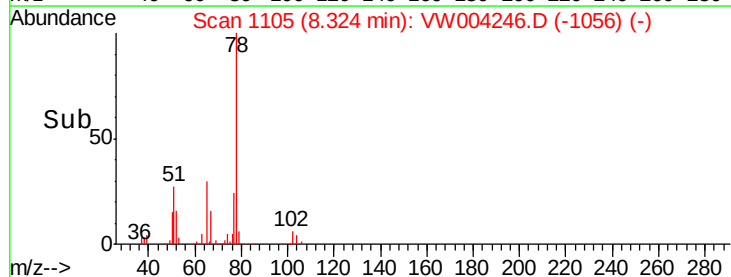
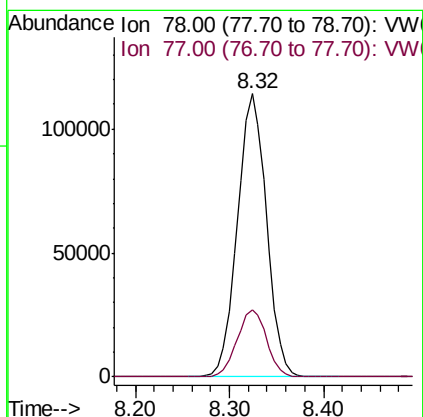
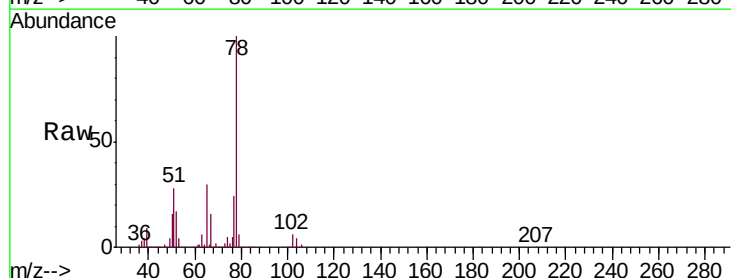
Instrument :
MSVOA_W
ClientSampleId :

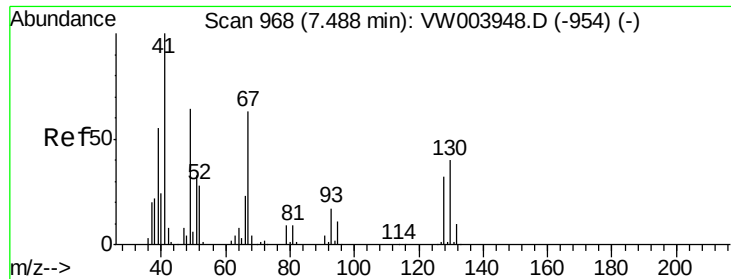
Tot Ion: 83 Resp: 88418
Ion Ratio Lower Upper
83 100
55 84.0 62.8 94.2
98 43.8 36.2 54.4



#40
Benzene
Concen: 22.227 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 78 Resp: 246366
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41

Methacrylonitrile

Concen: 24.308 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004246.D

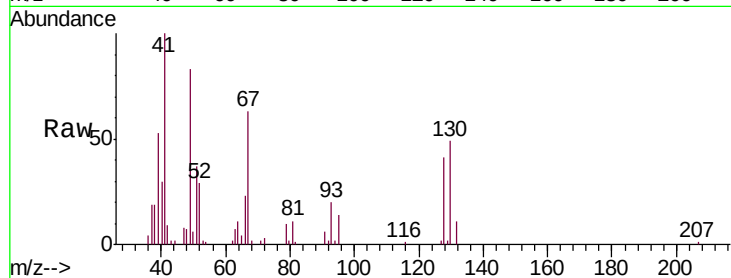
Acq: 27 Jul 2018 02:26

Instrument :

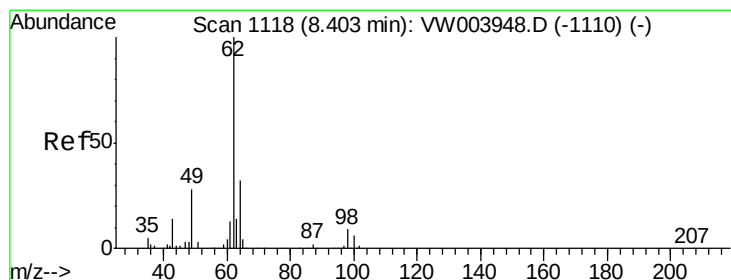
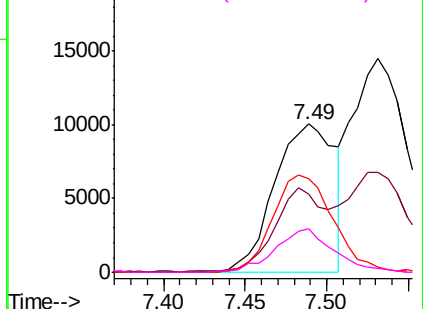
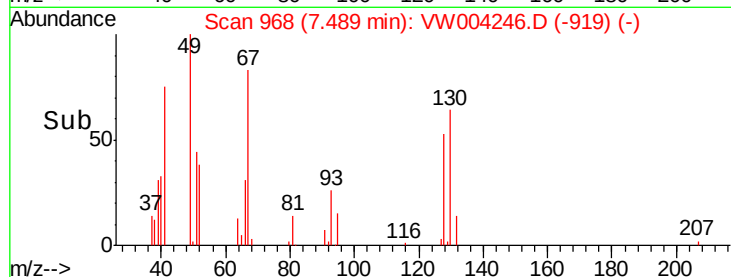
MSVOA_W

ClientSampled :

Tot Ion:	41	Resp:	25955
Ion	Ratio	Lower	Upper
41	100		
39	46.5	50.0	75.0#
67	65.3	60.8	91.2
52	28.3	26.2	39.4



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



#42

1,2-Dichloroethane

Concen: 21.955 ug/l

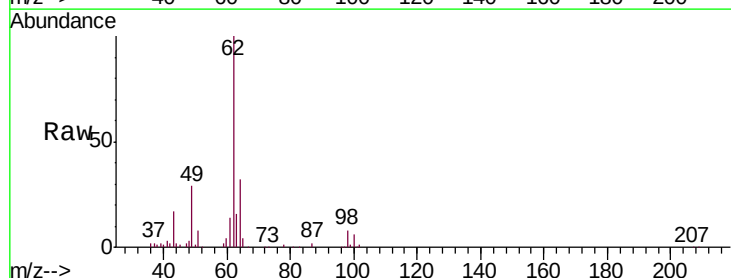
RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

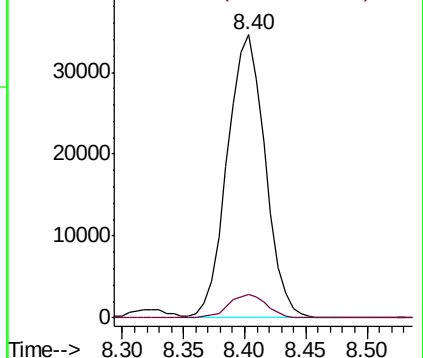
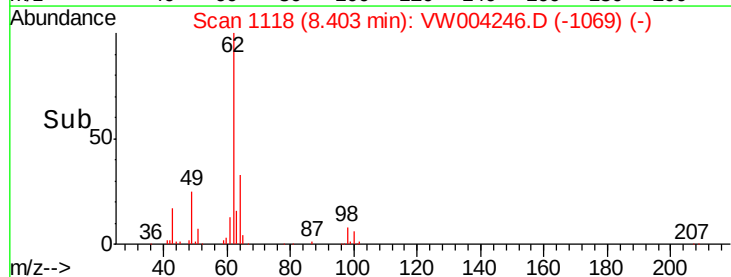
Lab File: VW004246.D

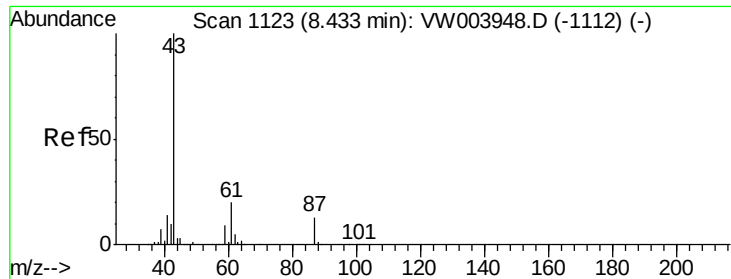
Acq: 27 Jul 2018 02:26

Tgt Ion:	62	Resp:	74243
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 21.923 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

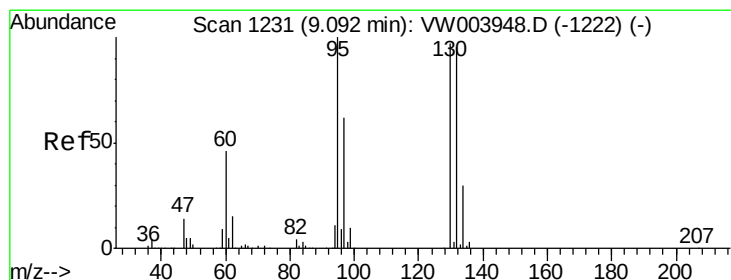
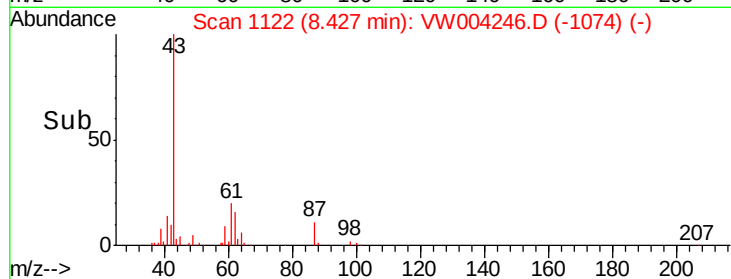
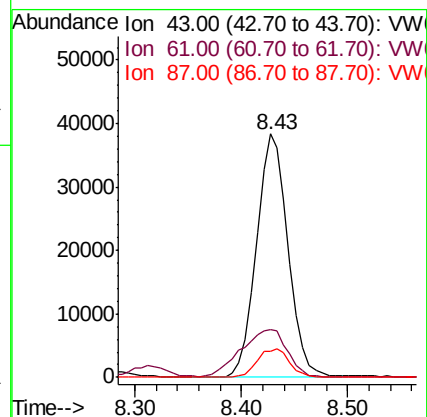
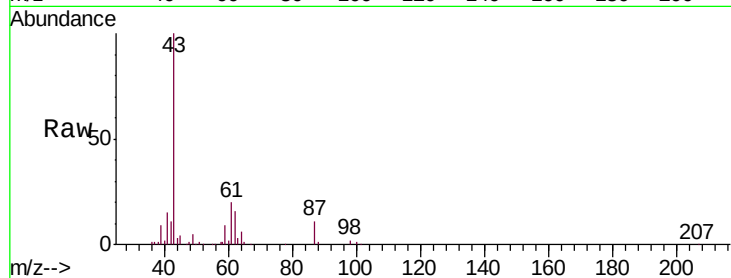
Tot Ion: 43 Resp: 79017

Ion Ratio Lower Upper

43 100

61 29.3 23.0 34.6

87 12.2 9.9 14.9



#44

Trichloroethene

Concen: 20.913 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004246.D

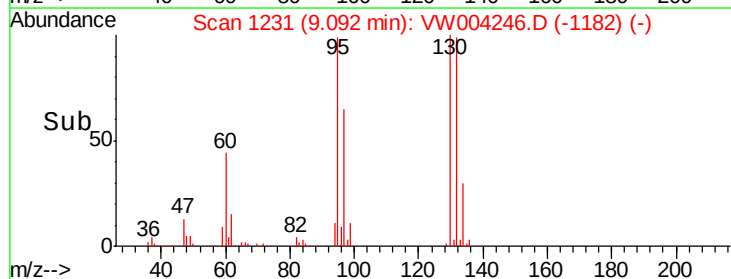
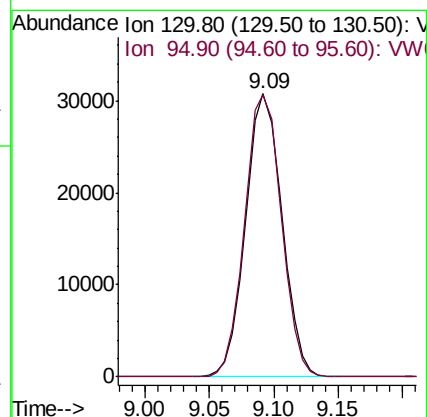
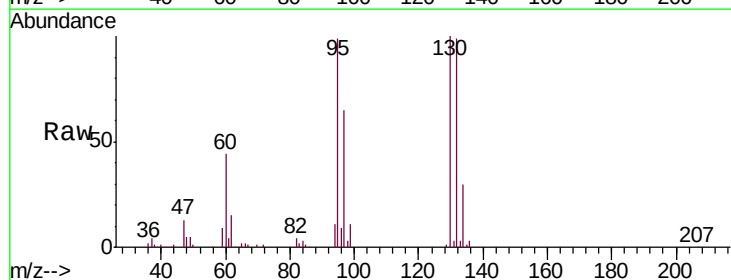
Acq: 27 Jul 2018 02:26

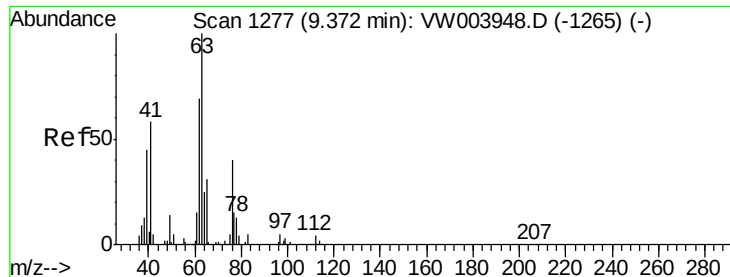
Tgt Ion: 130 Resp: 60087

Ion Ratio Lower Upper

130 100

95 99.5 0.0 206.8

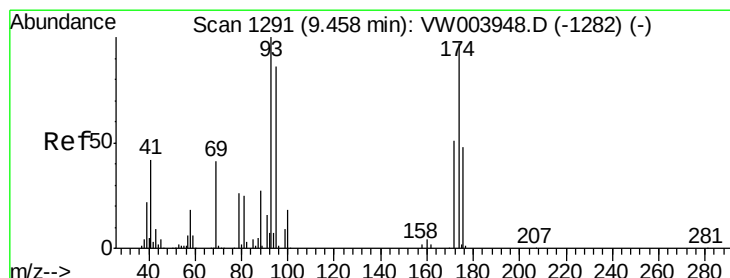
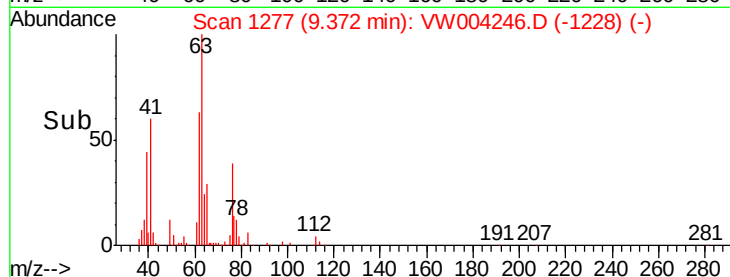
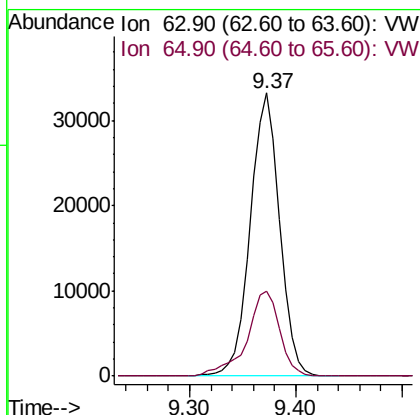
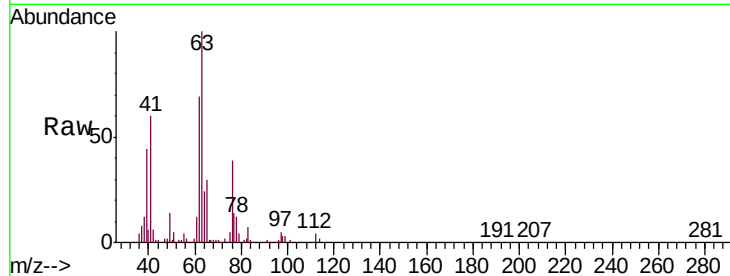




#45
 1,2-Dichloropropane
 Concen: 22.769 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

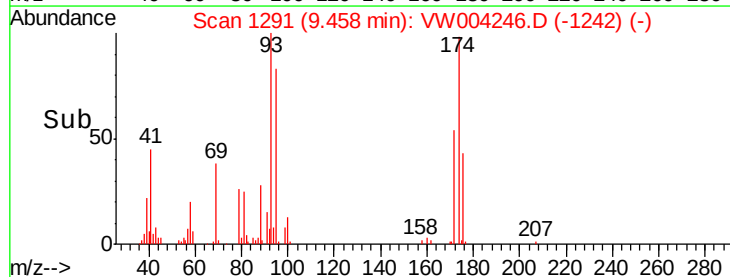
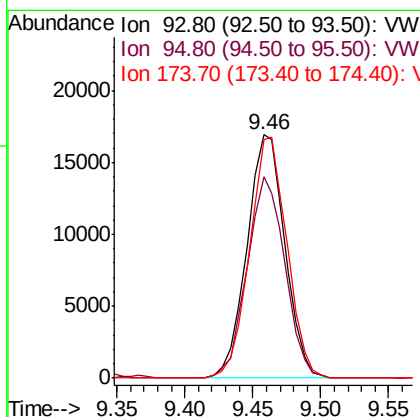
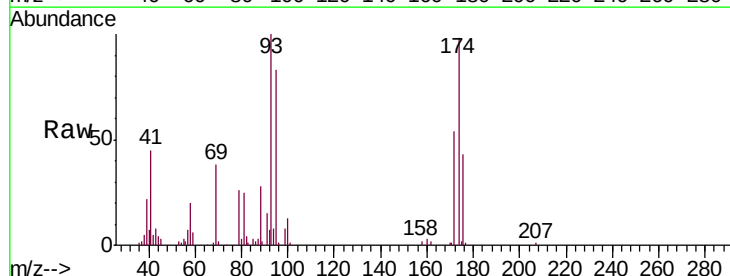
Instrument :
 MSVOA_W
 ClientSampleId :

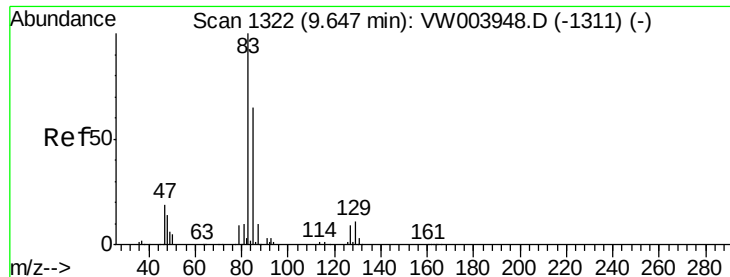
Tot Ion: 63 Resp: 64415
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2



#46
 Dibromomethane
 Concen: 22.567 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 93 Resp: 33128
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.9 100.3
 174 97.2 80.2 120.2





#47

Bromodichloromethane

Concen: 21.787 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

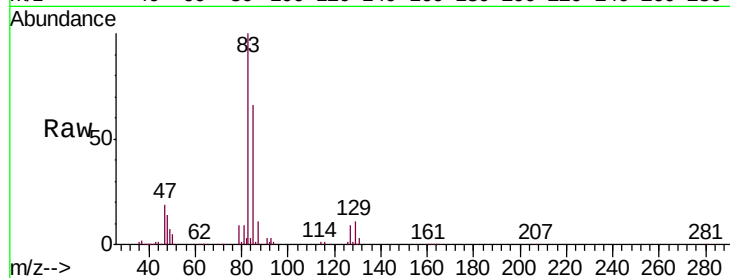
Tot Ion: 83 Resp: 78847

Ion Ratio Lower Upper

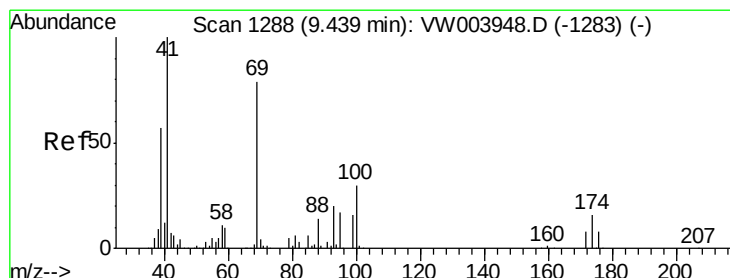
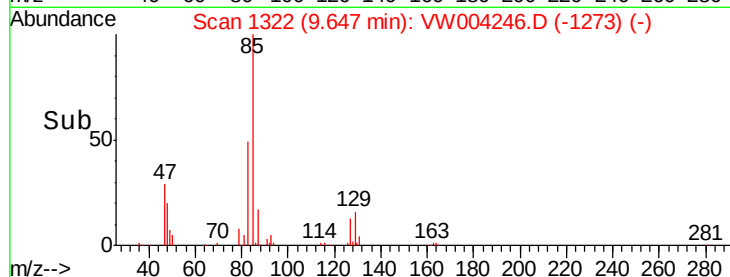
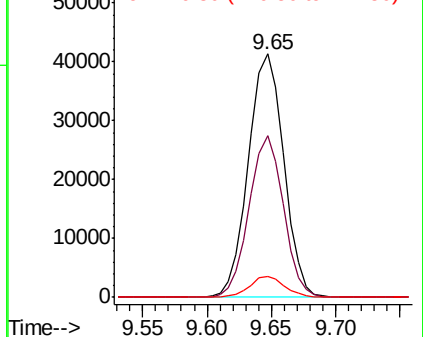
83 100

85 66.4 52.2 78.2

127 8.5 7.0 10.4



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



#48

Methyl methacrylate

Concen: 21.200 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

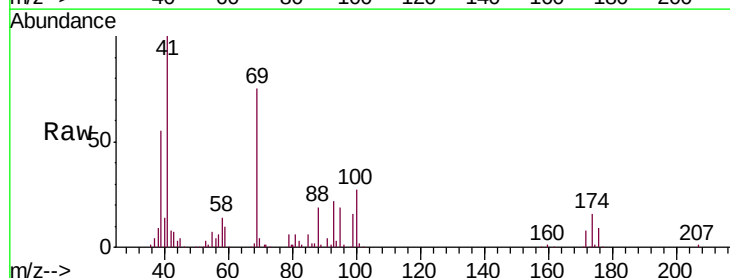
Tgt Ion: 41 Resp: 36954

Ion Ratio Lower Upper

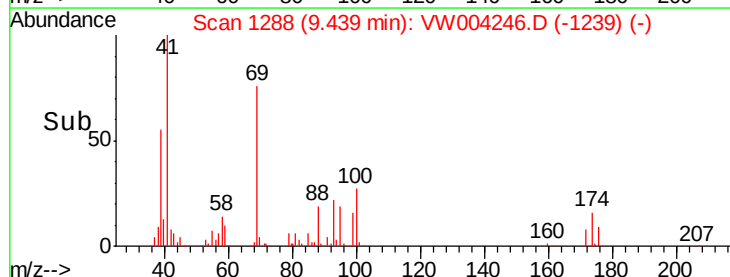
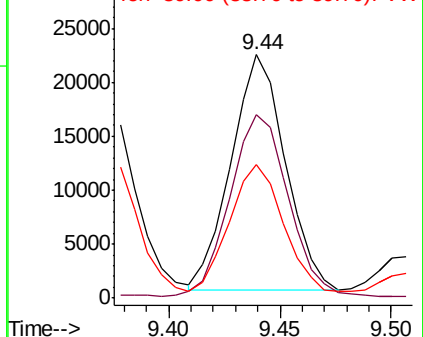
41 100

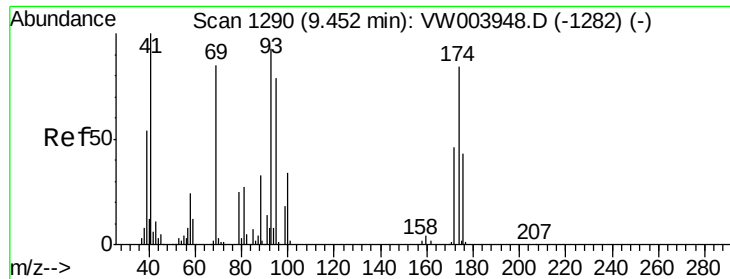
69 86.4 67.0 100.6

39 58.8 48.8 73.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 514.147 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :

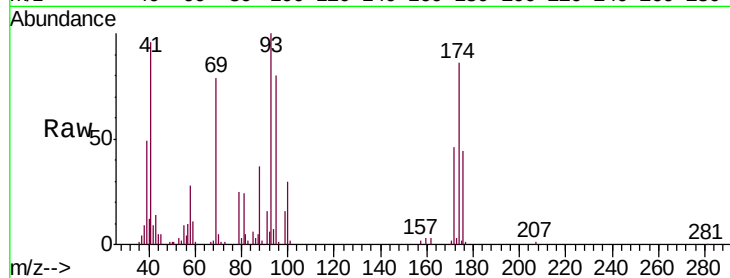
Tot Ion: 88 Resp: 11602

Ion Ratio Lower Upper

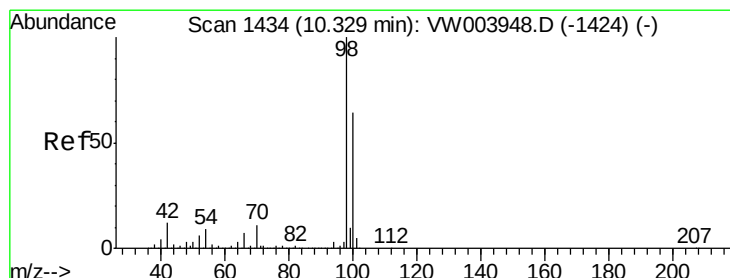
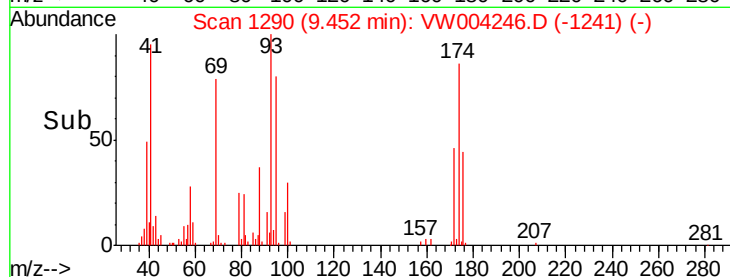
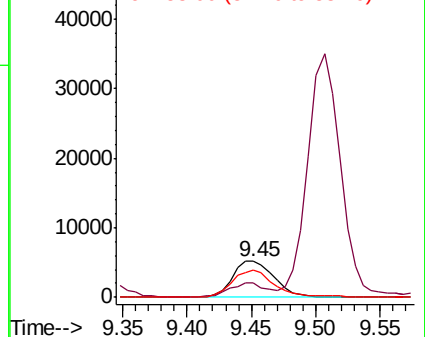
88 100

43 34.3 27.3 40.9

58 75.2 61.1 91.7



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



#50

Toluene-d8

Concen: 52.918 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004246.D

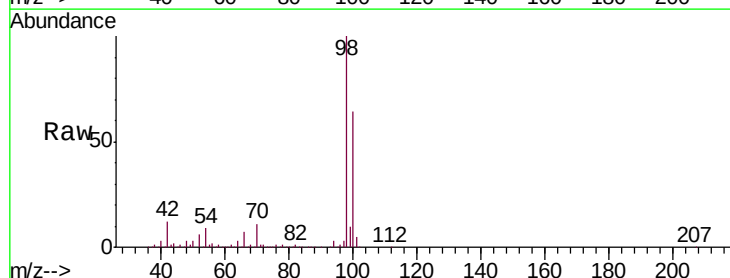
Acq: 27 Jul 2018 02:26

Tgt Ion: 98 Resp: 511601

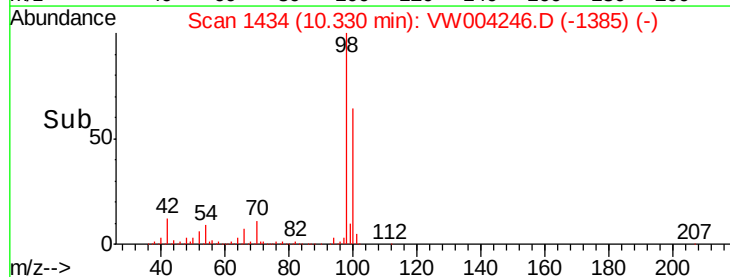
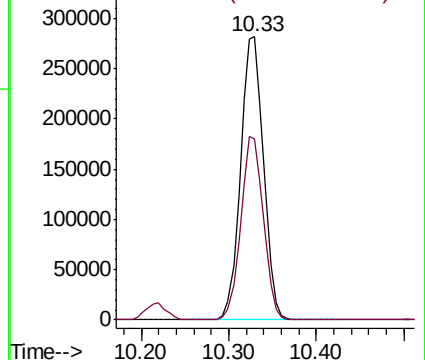
Ion Ratio Lower Upper

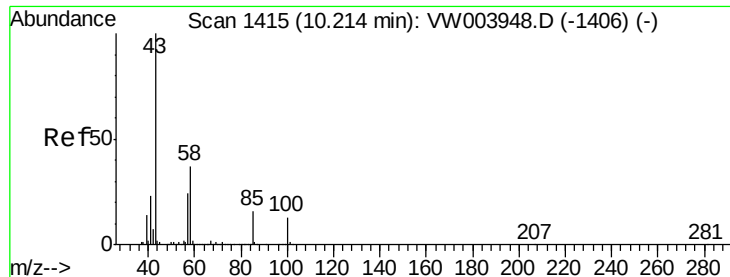
98 100

100 63.9 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 112.587 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

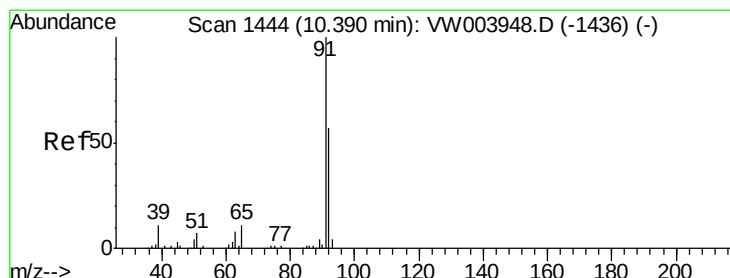
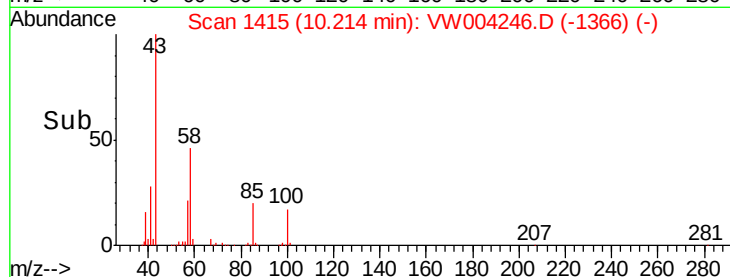
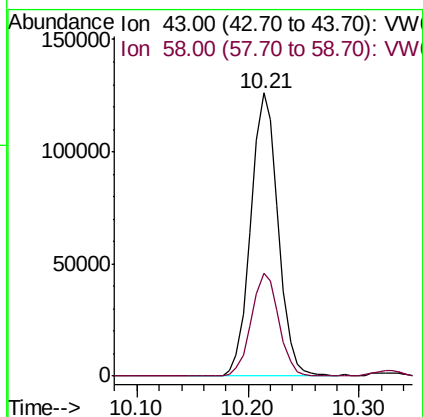
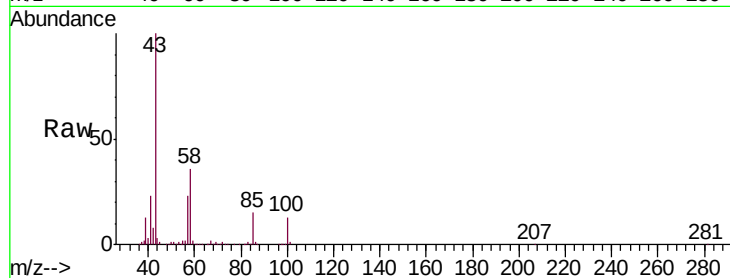
ClientSampled :

Tot Ion: 43 Resp: 216191

Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9



#52

Toluene

Concen: 21.963 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004246.D

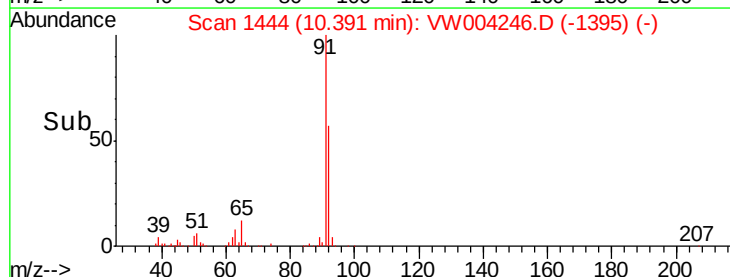
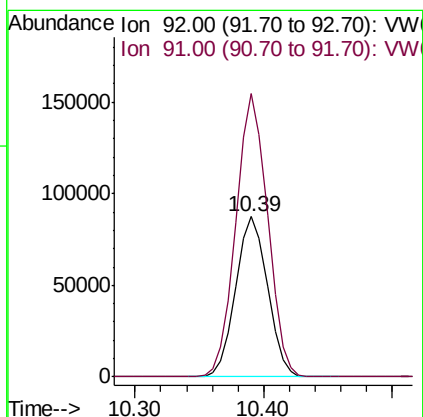
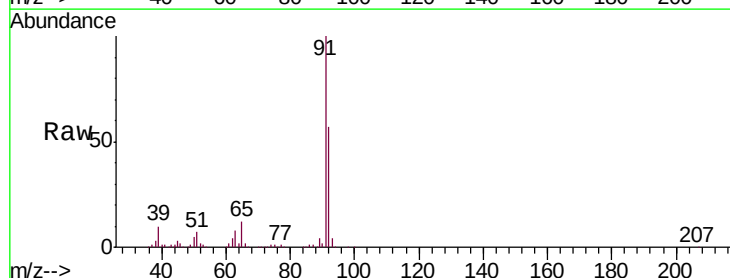
Acq: 27 Jul 2018 02:26

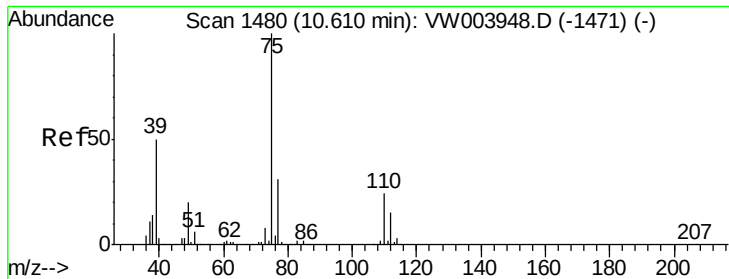
Tgt Ion: 92 Resp: 150536

Ion Ratio Lower Upper

92 100

91 175.4 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.485 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

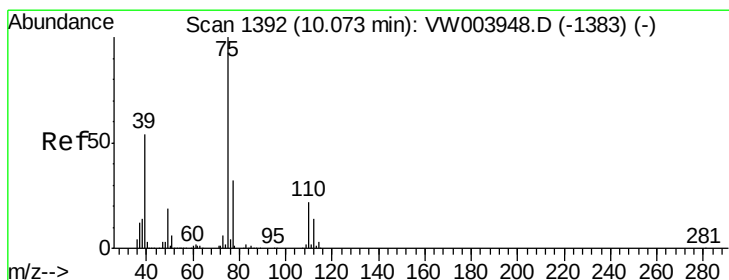
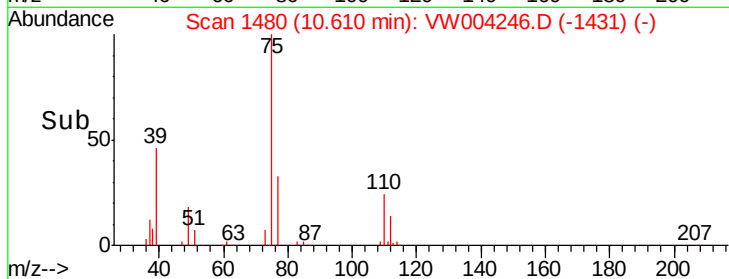
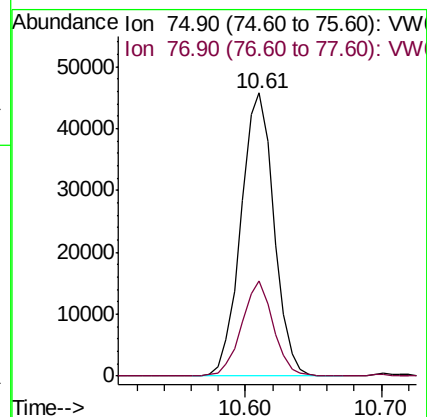
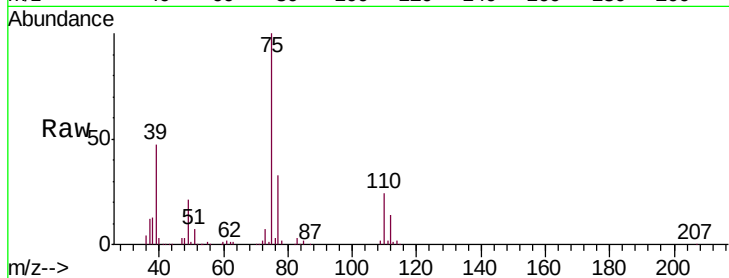
ClientSampled :

Tot Ion: 75 Resp: 77522

Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.904 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

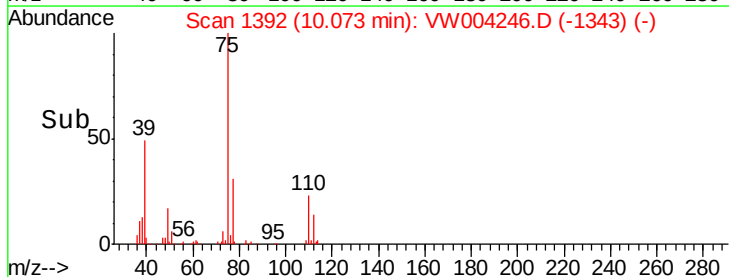
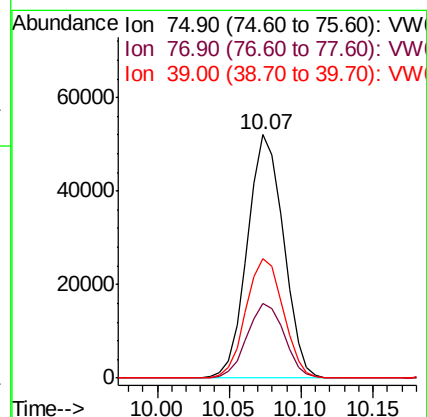
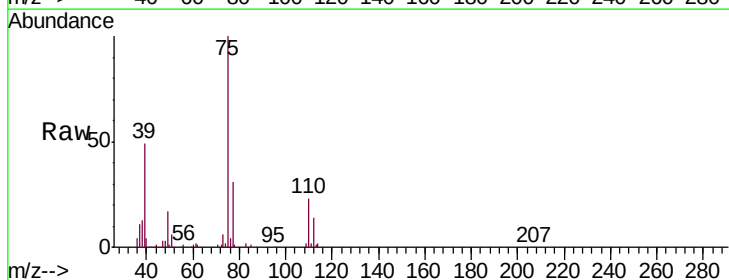
Tgt Ion: 75 Resp: 90500

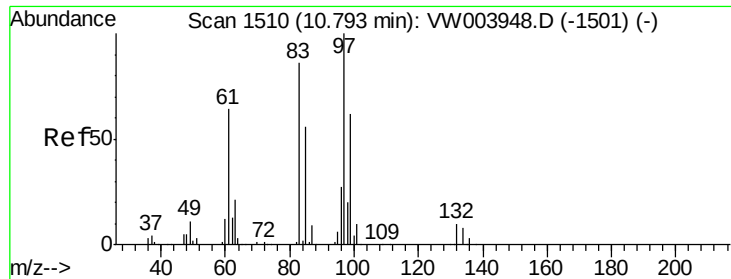
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2

39 48.9 43.0 64.6

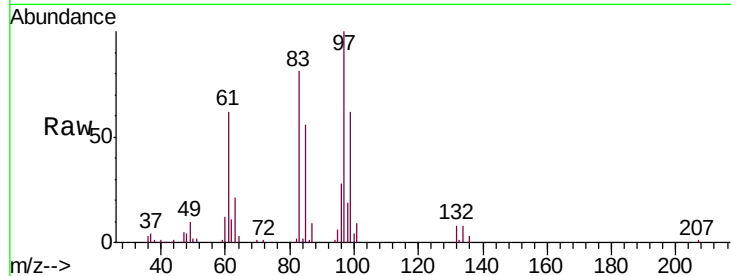




#55
 1,1,2-Trichloroethane
 Concen: 22.490 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	46433
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.4
85	56.1	45.0	67.6
99	61.7	49.9	74.9



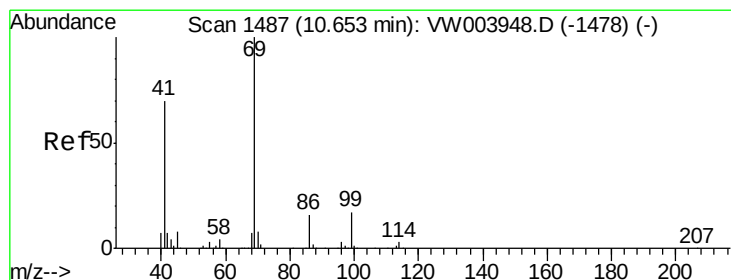
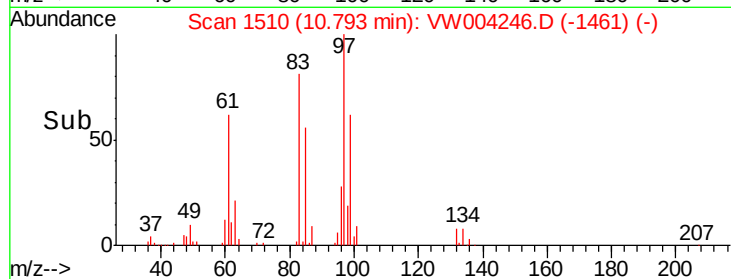
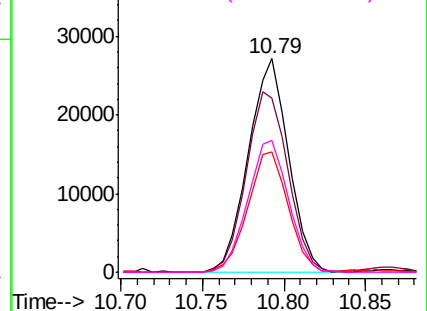
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

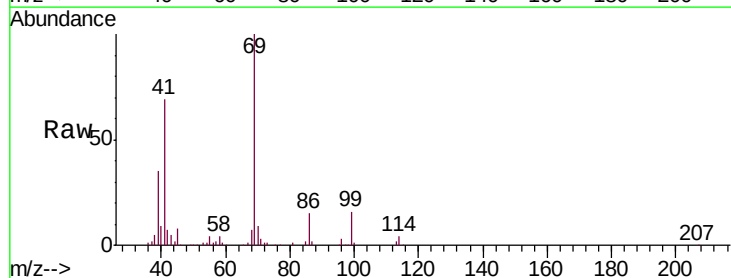
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.186 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion:	69	Resp:	57240
Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.5	84.7
39	37.9	30.2	45.4

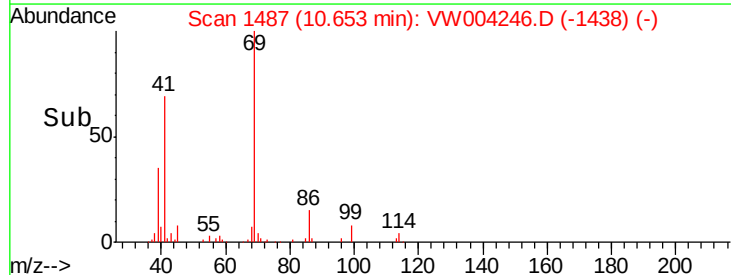
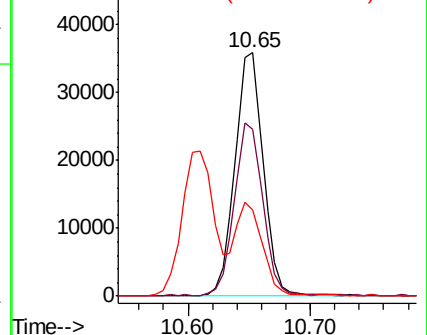


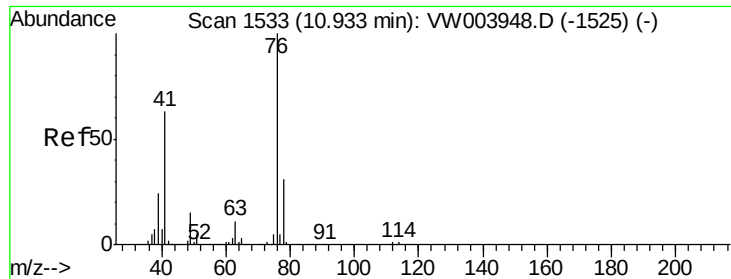
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

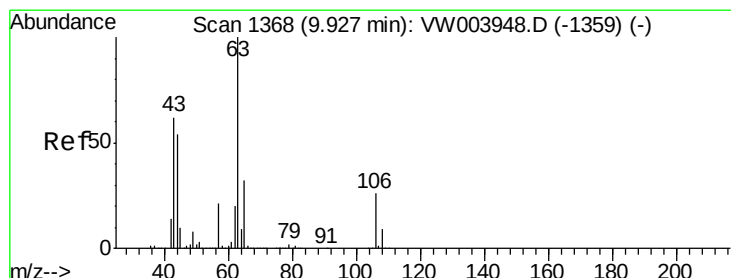
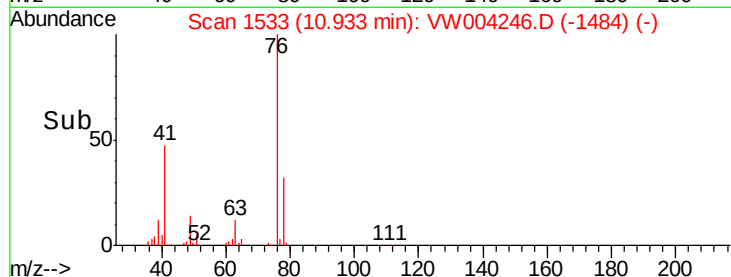
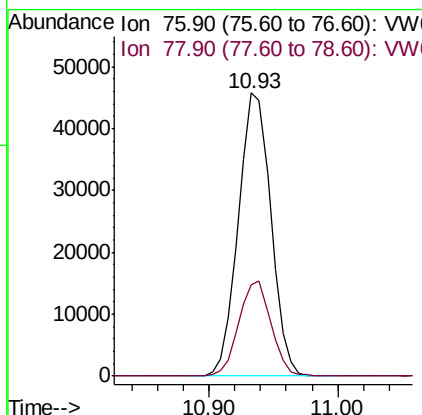
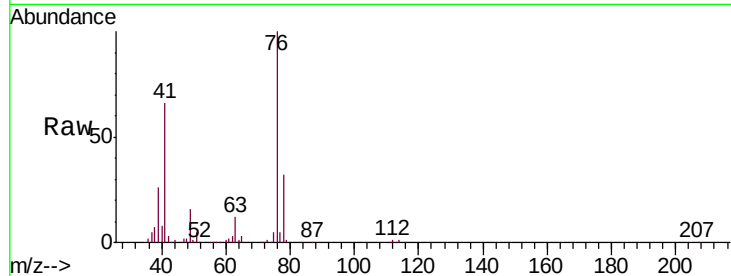




#57
 1,3-Dichloropropane
 Concen: 22.313 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

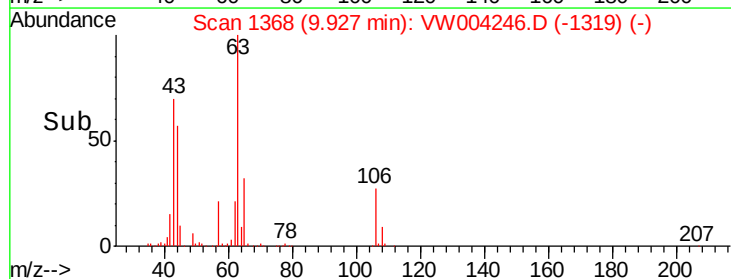
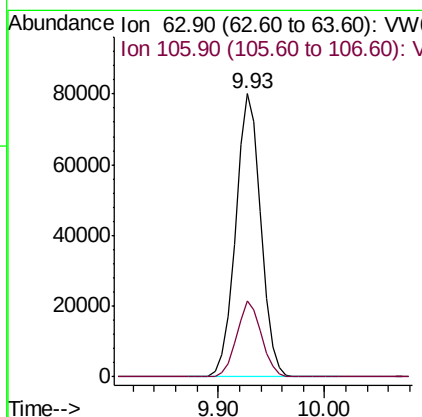
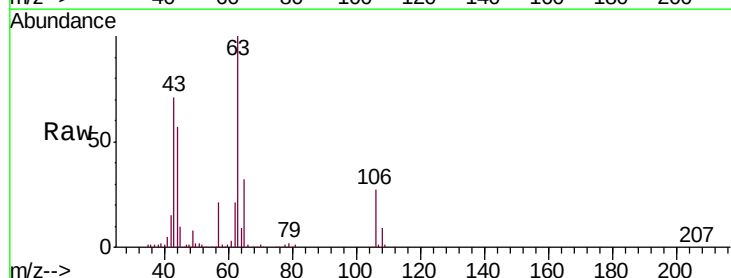
Instrument :
 MSVOA_W
 ClientSampled :

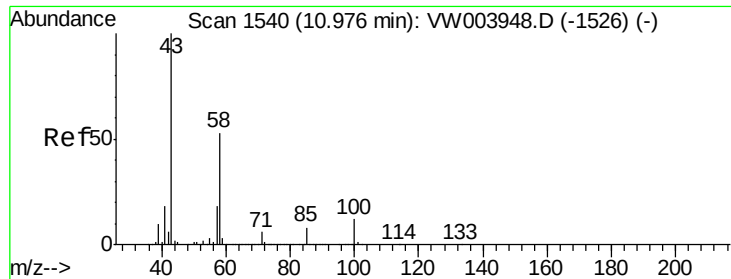
Tot Ion: 76 Resp: 80039
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.269 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 63 Resp: 132610
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.2 31.8

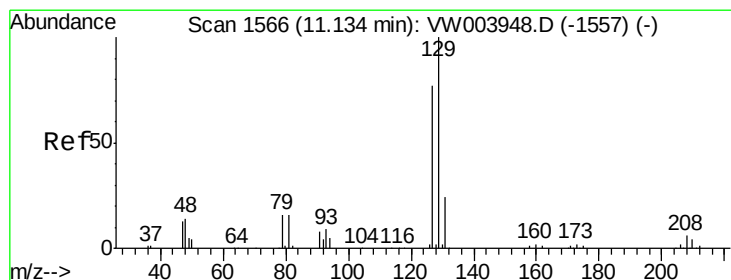
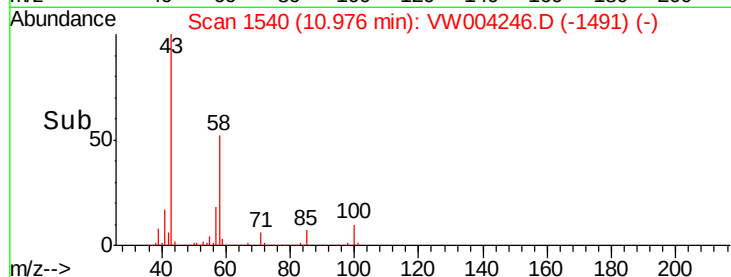
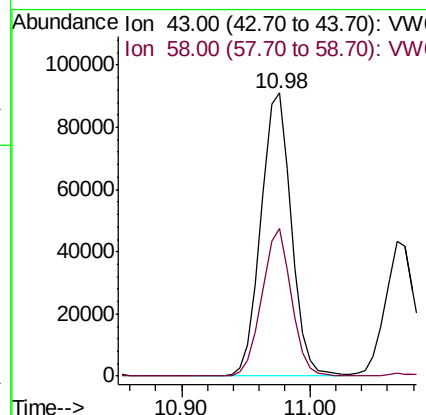
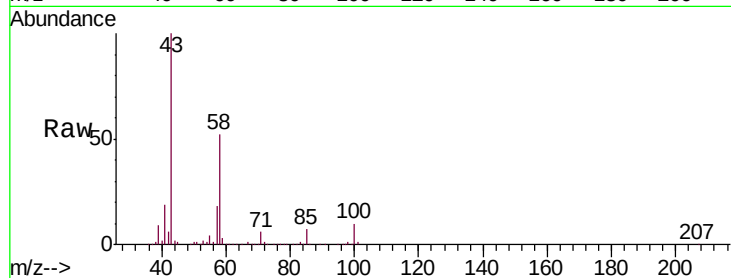




#59
2-Hexanone
Concen: 109.446 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

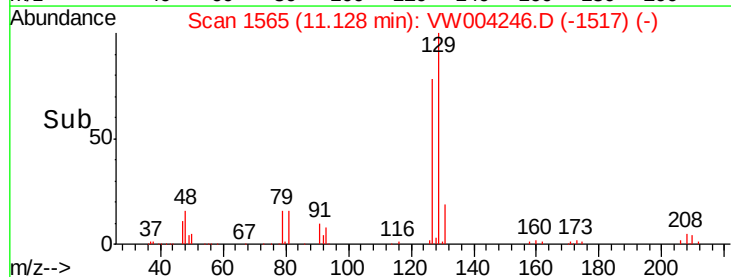
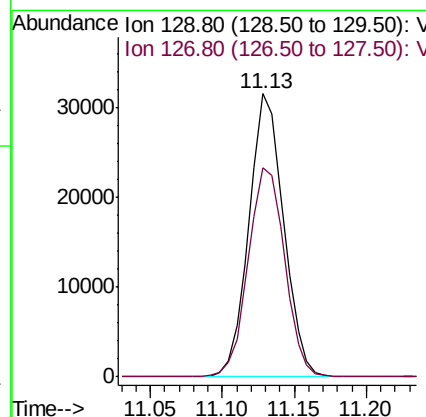
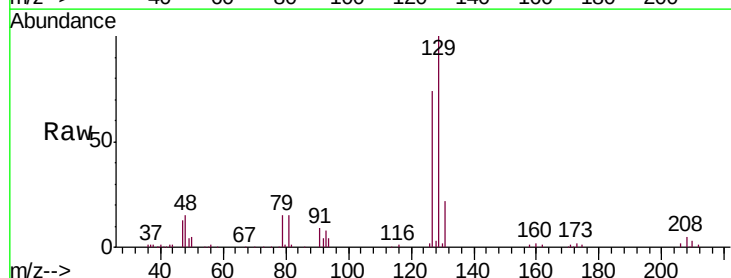
Instrument :
MSVOA_W
ClientSampleId :

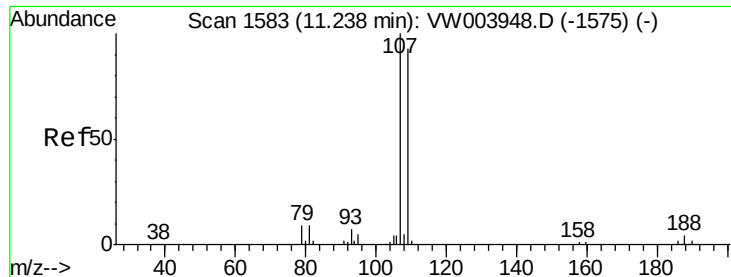
Tot Ion: 43 Resp: 148124
Ion Ratio Lower Upper
43 100
58 50.5 26.0 78.0



#60
Dibromochloromethane
Concen: 21.847 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:129 Resp: 52528
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

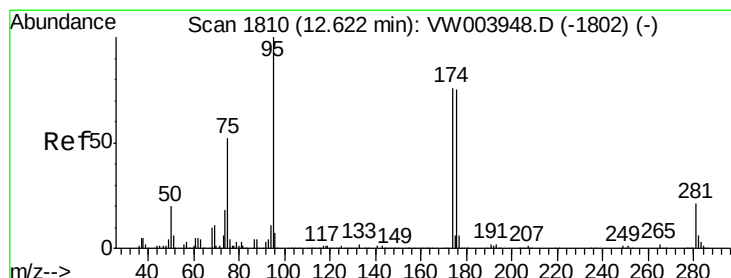
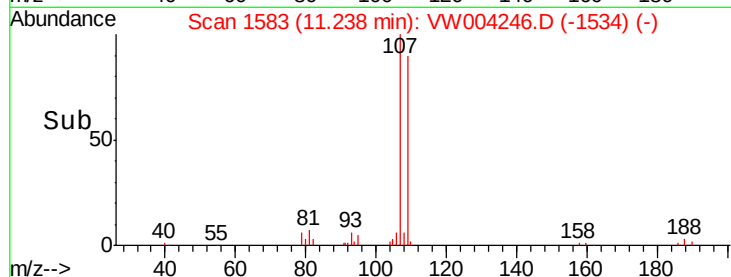
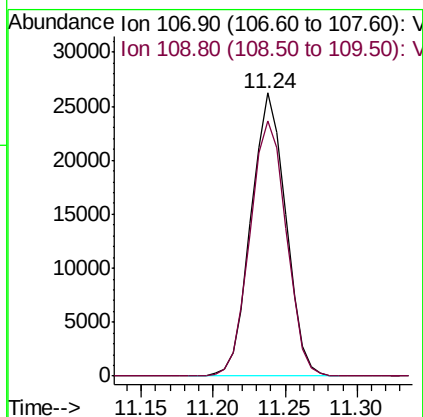
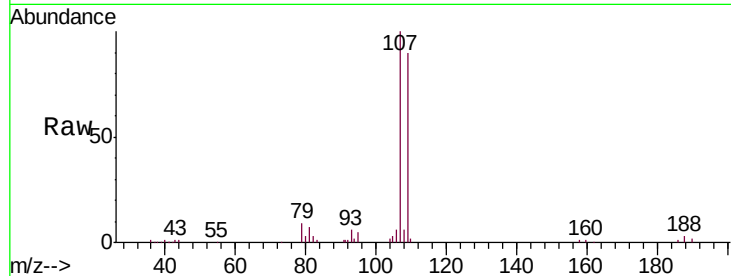




#61
 1,2-Dibromoethane
 Concen: 22.298 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

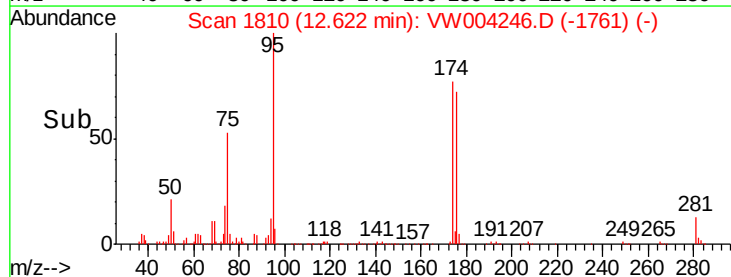
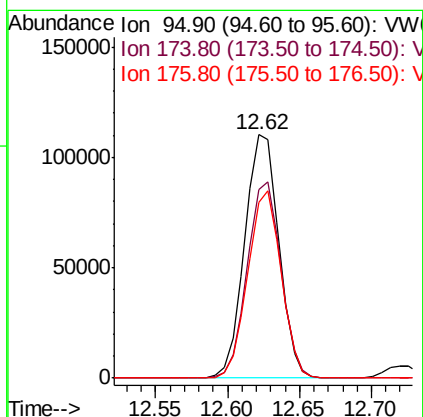
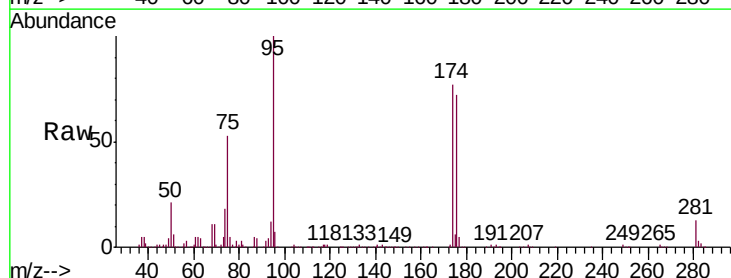
Instrument :
 MSVOA_W
 ClientSampleId :

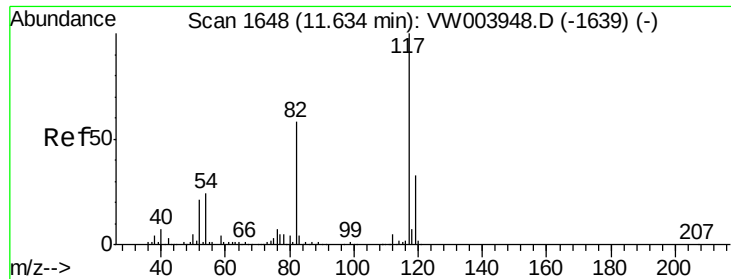
Tot Ion: 107 Resp: 43805
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 51.816 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 95 Resp: 180641
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 160.2
 176 75.2 0.0 155.8

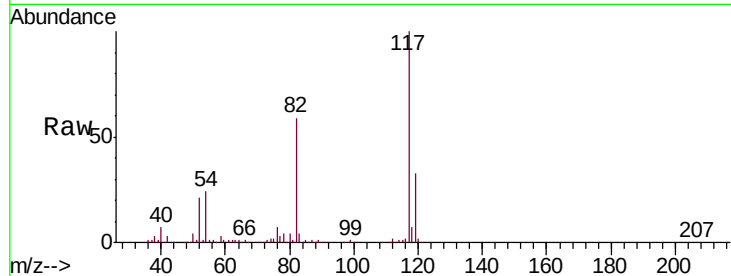




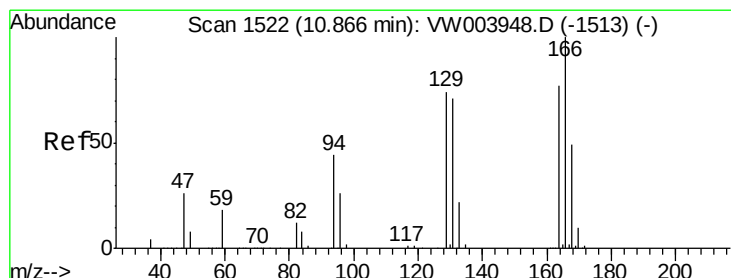
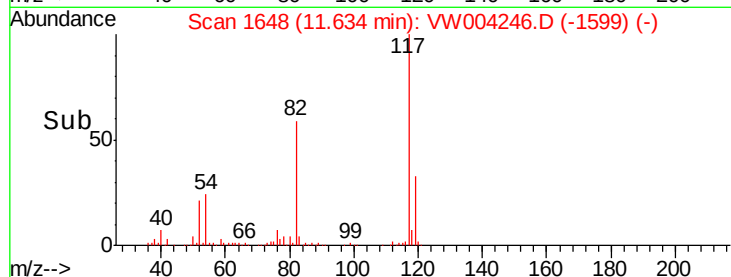
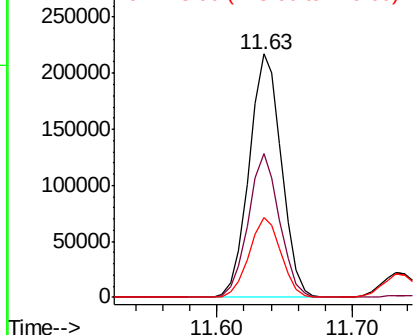
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 361420
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 32.8 26.2 39.2

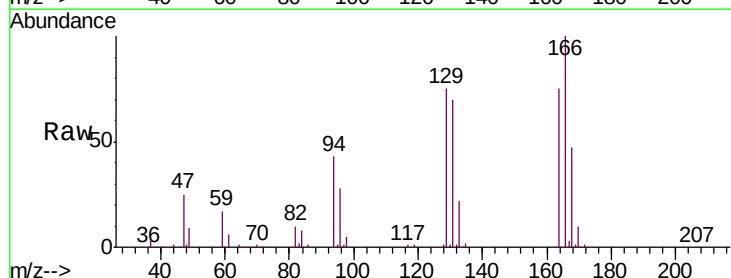


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

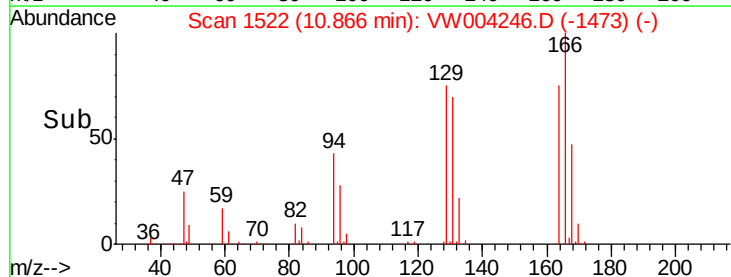
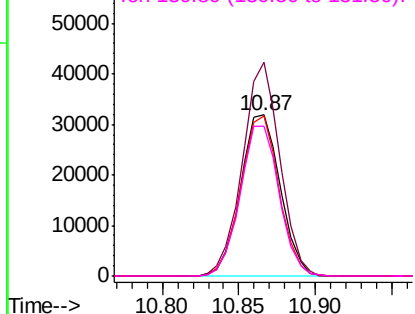


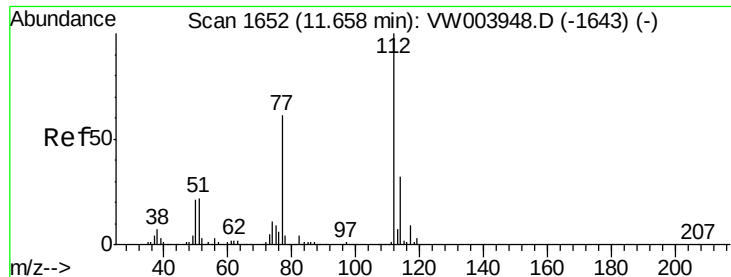
#64
Tetrachloroethene
Concen: 23.194 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:164 Resp: 57518
Ion Ratio Lower Upper
164 100
166 132.6 103.5 155.3
129 99.7 76.8 115.2
131 93.0 73.2 109.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

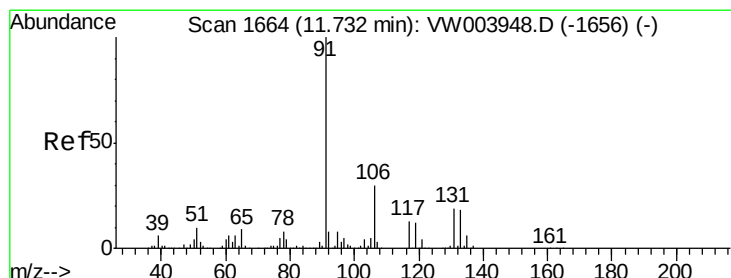
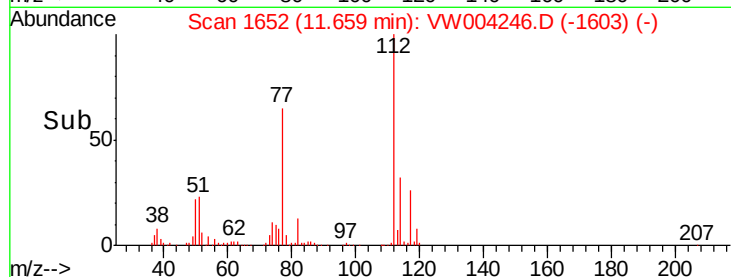
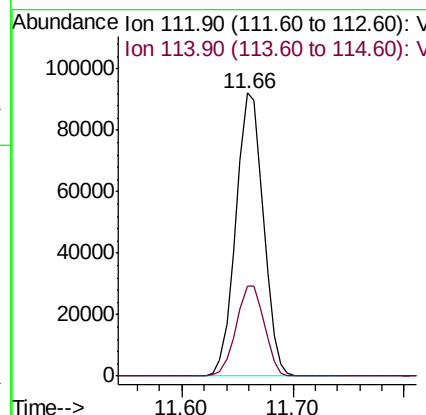
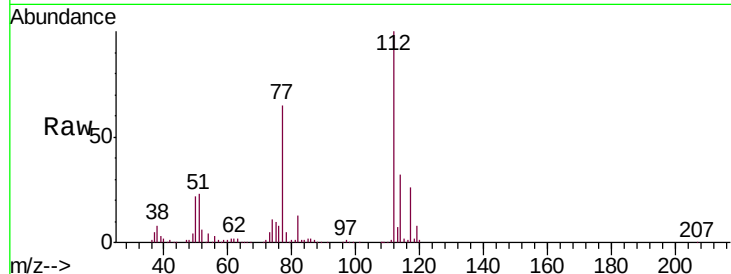




#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

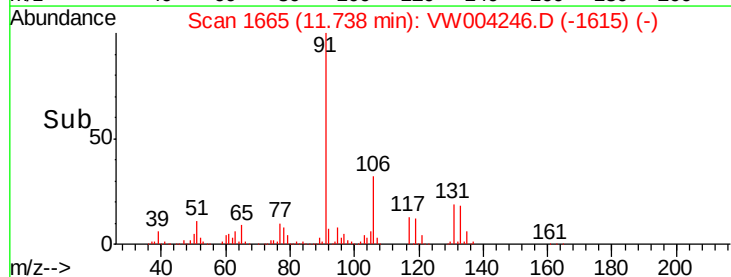
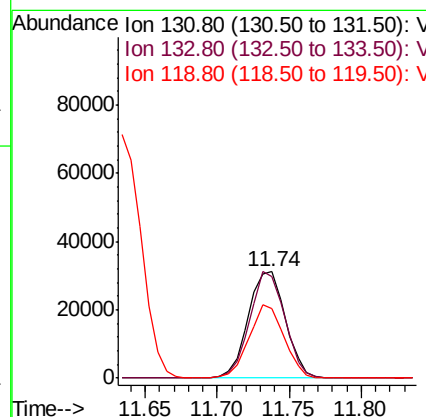
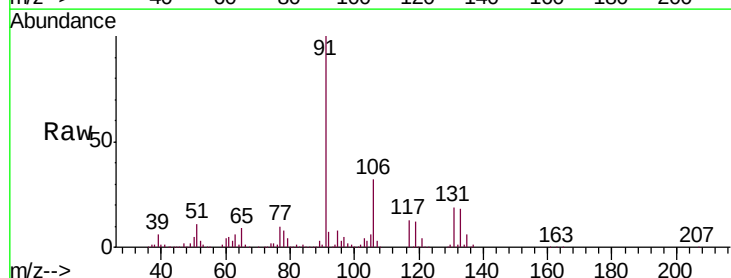
Instrument :
MSVOA_W
ClientSampled :

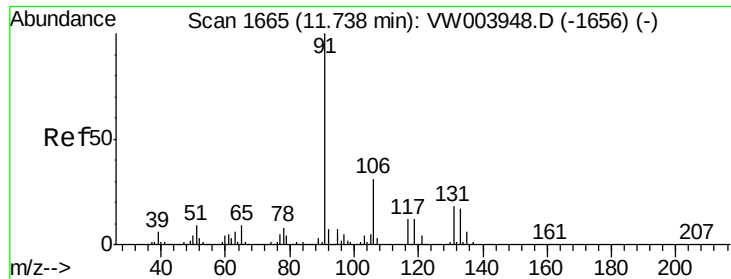
Tot Ion:112 Resp: 157673
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.802 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:131 Resp: 55554
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 65.2 32.5 97.5

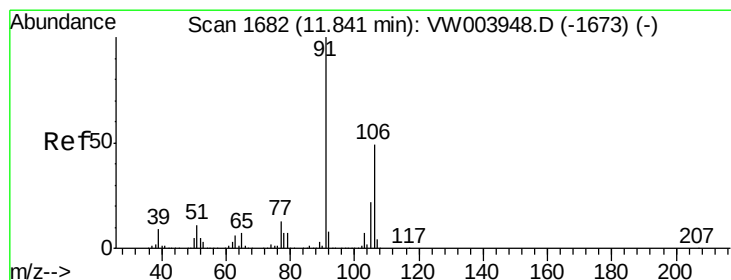
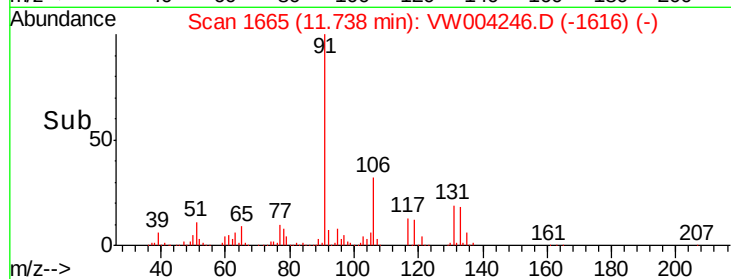
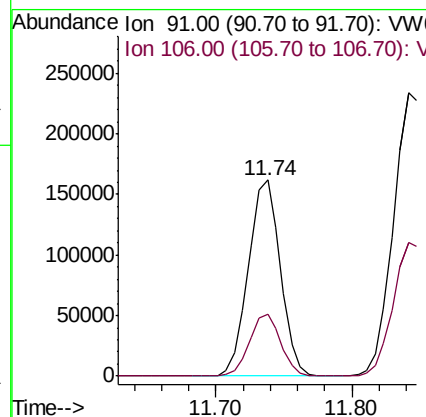
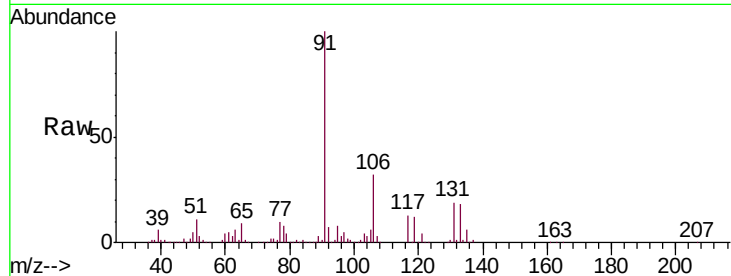




#67
Ethyl Benzene
Concen: 19.750 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

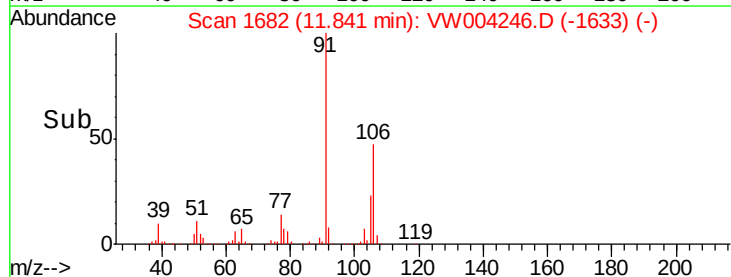
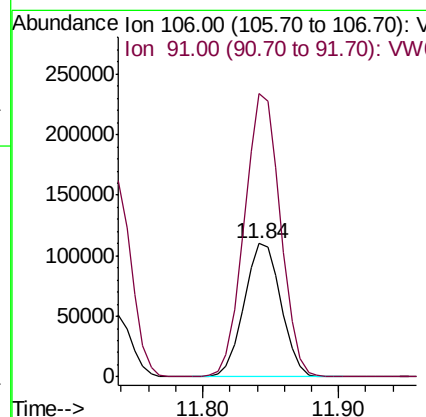
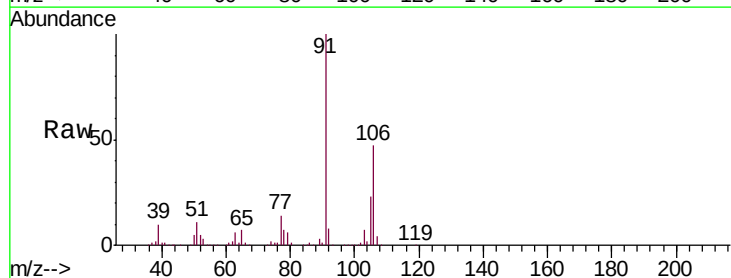
Instrument :
MSVOA_W
ClientSampleId :

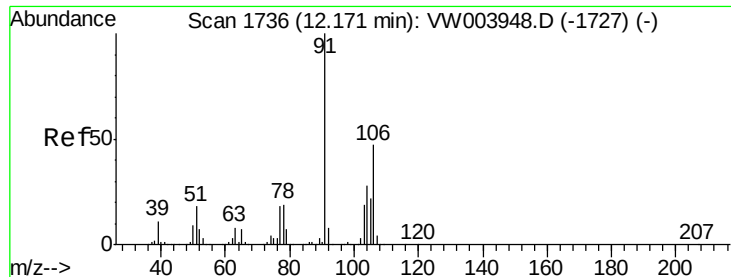
Tot Ion: 91 Resp: 266633
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 40.483 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:106 Resp: 208887
Ion Ratio Lower Upper
106 100
91 207.3 164.2 246.2

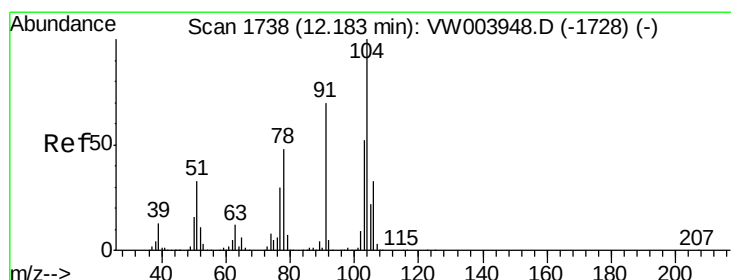
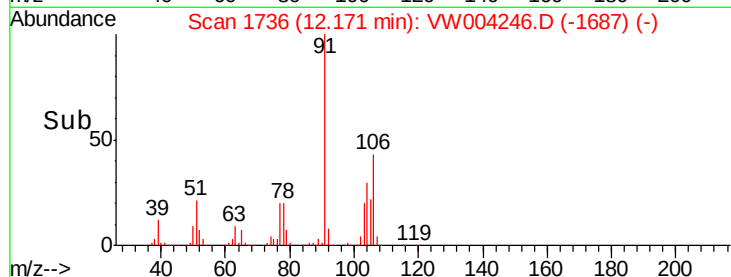
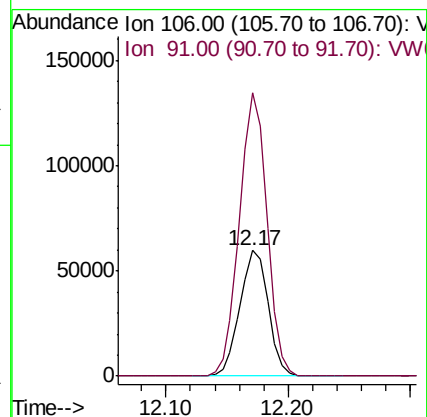
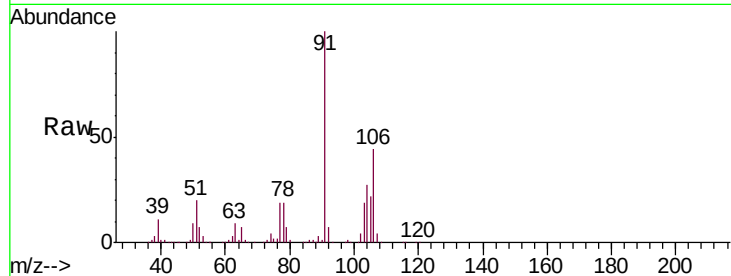




#69
o-Xylene
Concen: 20.069 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

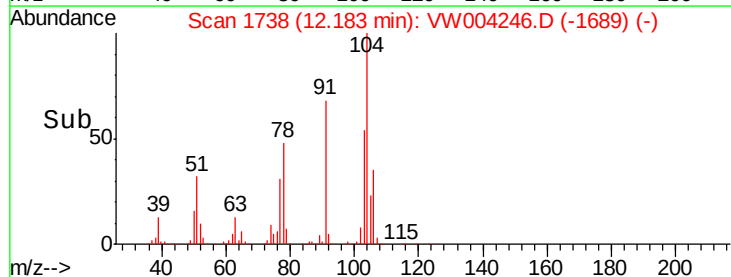
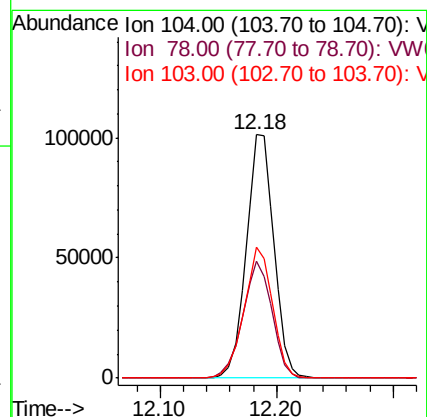
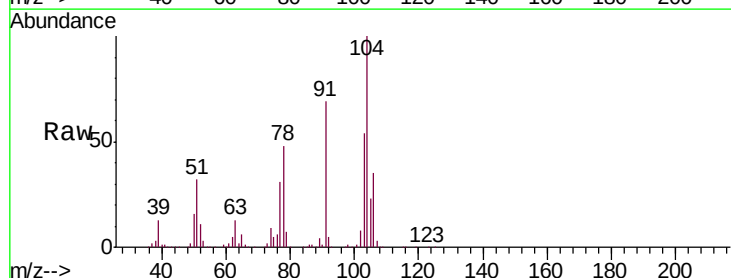
Instrument :
MSVOA_W
ClientSampled :

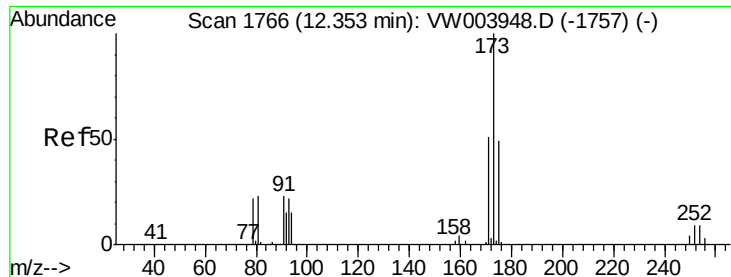
Tot Ion:106 Resp: 96060
Ion Ratio Lower Upper
106 100
91 219.0 107.5 322.6



#70
Styrene
Concen: 21.109 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:104 Resp: 168758
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 55.2 44.6 67.0





#71

Bromoform

Concen: 20.621 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

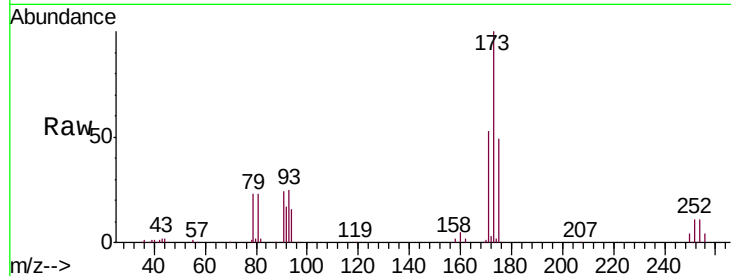
Tot Ion:173 Resp: 31093

Ion Ratio Lower Upper

173 100

175 50.1 24.4 73.2

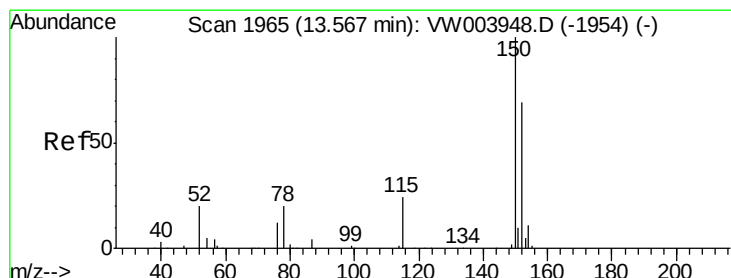
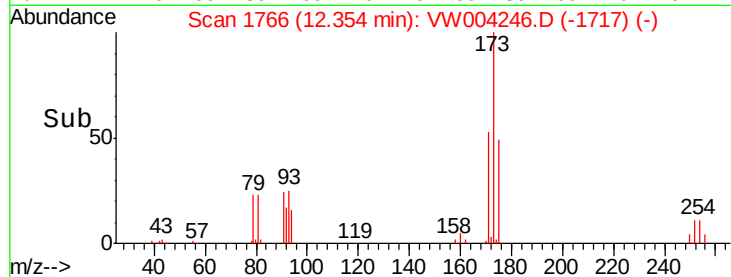
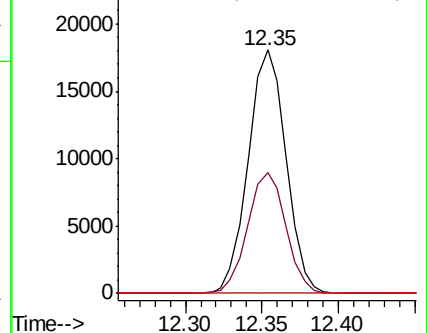
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

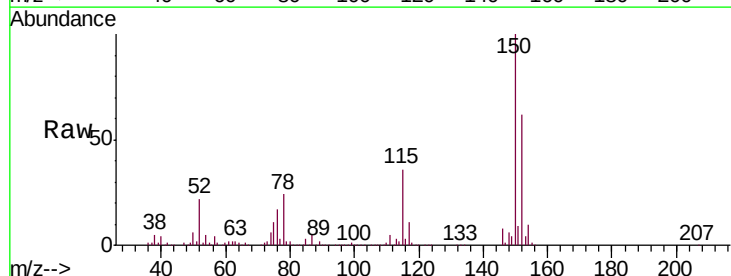
Tgt Ion:152 Resp: 196283

Ion Ratio Lower Upper

152 100

115 57.7 29.2 87.6

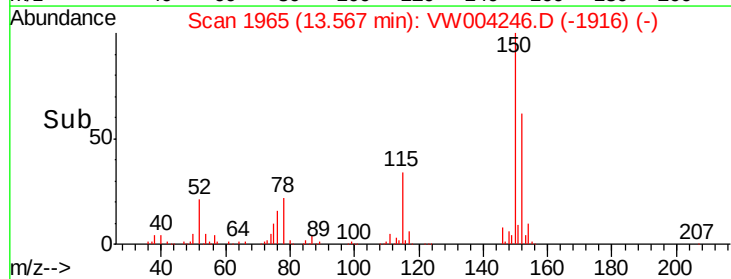
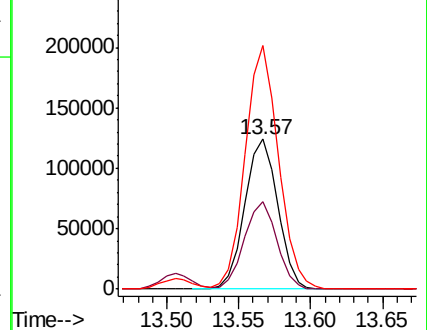
150 164.0 0.0 345.2

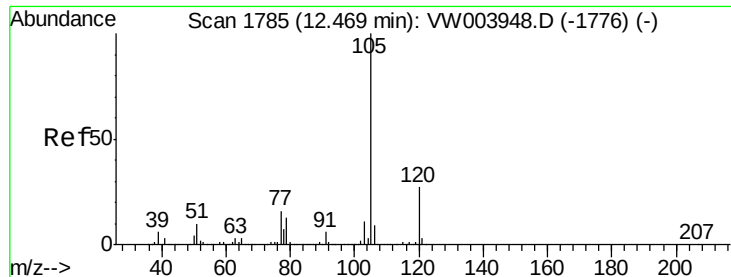


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.114 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

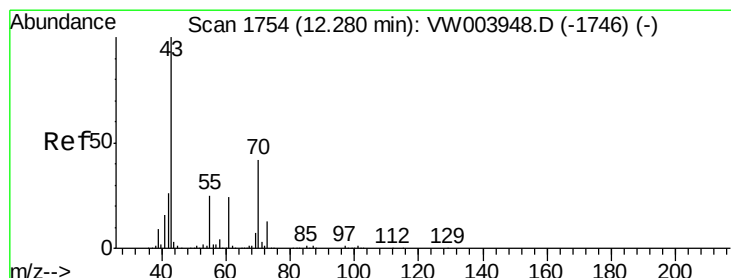
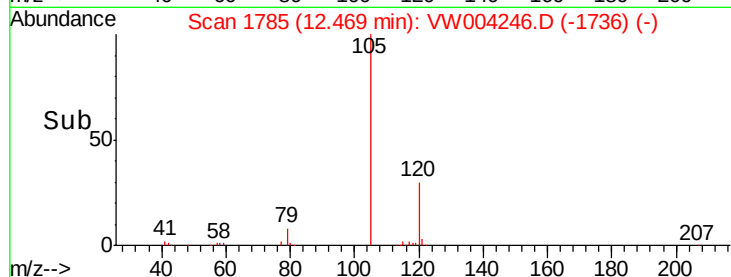
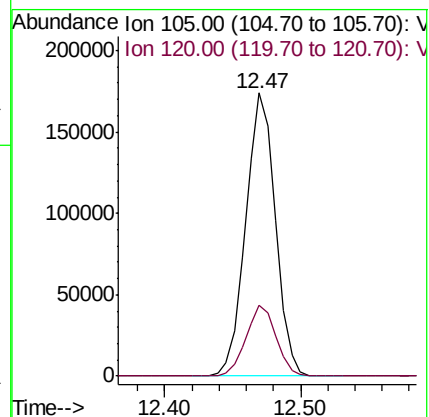
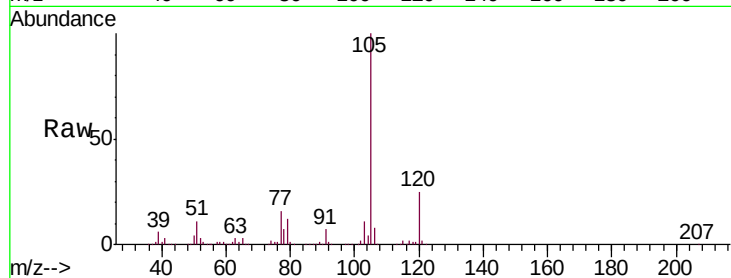
ClientSampleId :

Tot Ion:105 Resp: 265106

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.6



#74

N-ethyl acetate

Concen: 20.212 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Tgt Ion: 43 Resp: 73045

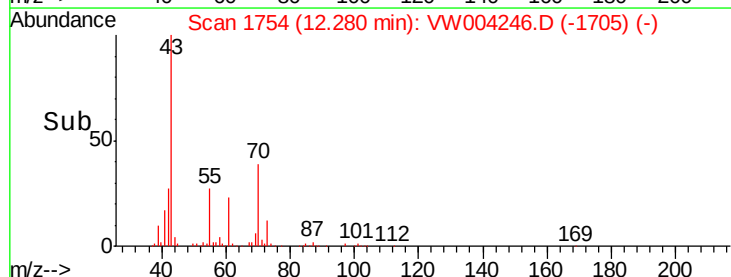
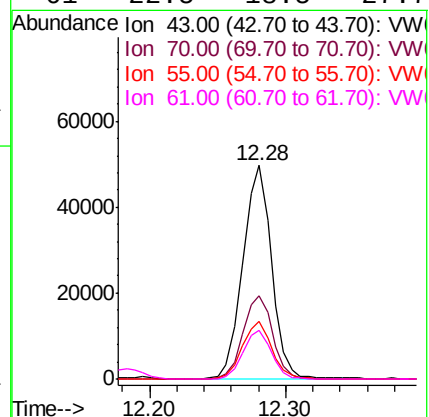
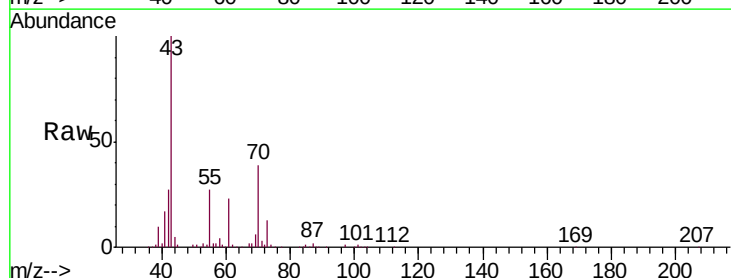
Ion Ratio Lower Upper

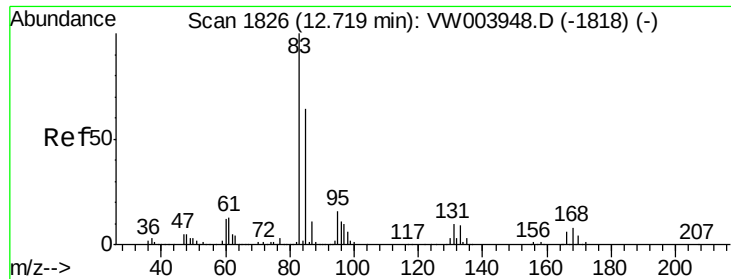
43 100

70 40.2 31.6 47.4

55 27.5 20.0 30.0

61 22.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.029 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

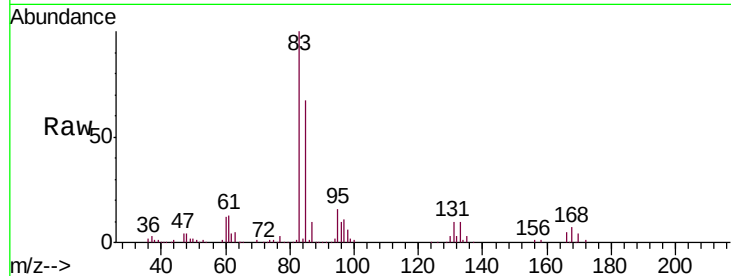
Tot Ion: 83 Resp: 56405

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

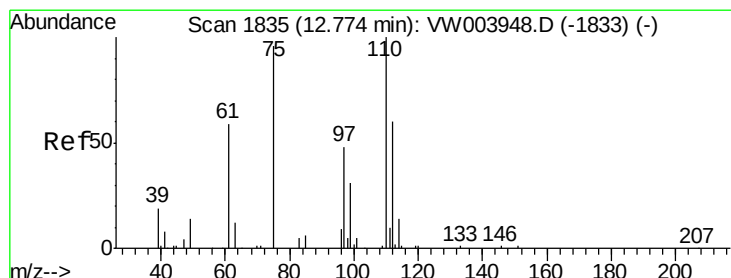
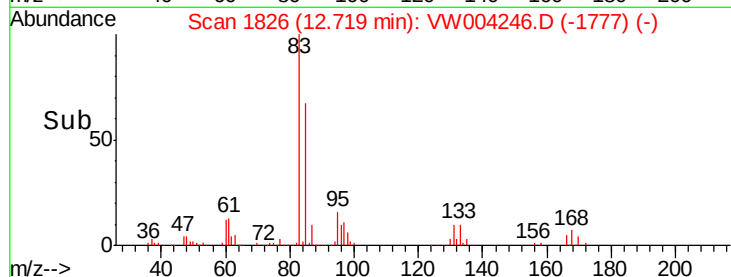
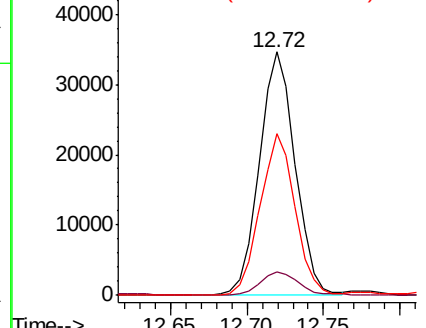
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.953 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004246.D

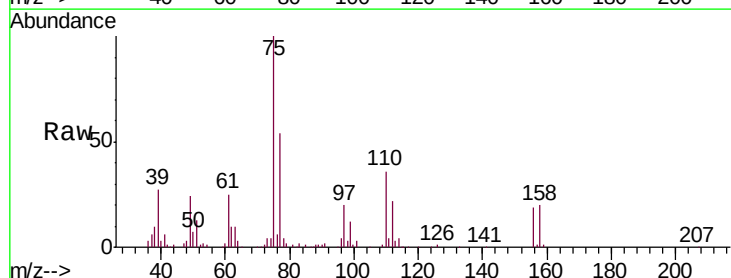
Acq: 27 Jul 2018 02:26

Tgt Ion: 75 Resp: 72009

Ion Ratio Lower Upper

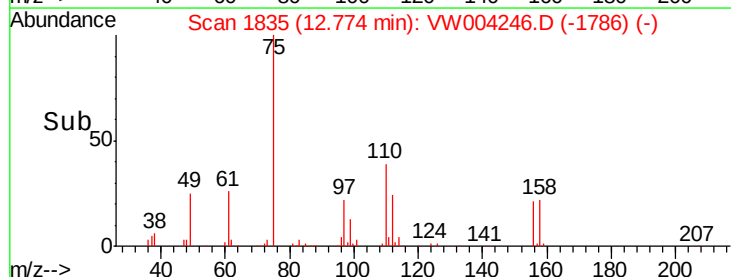
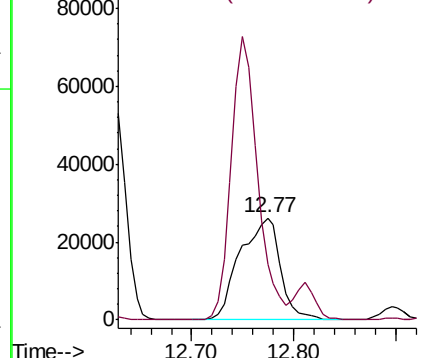
75 100

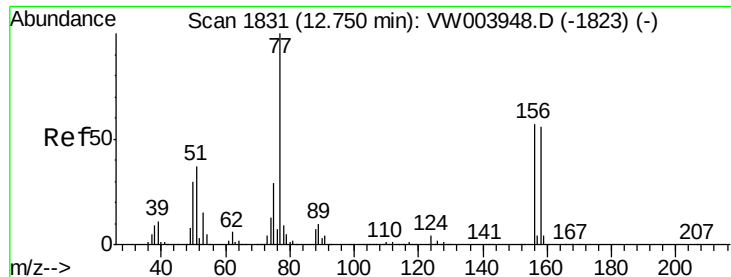
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.688 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

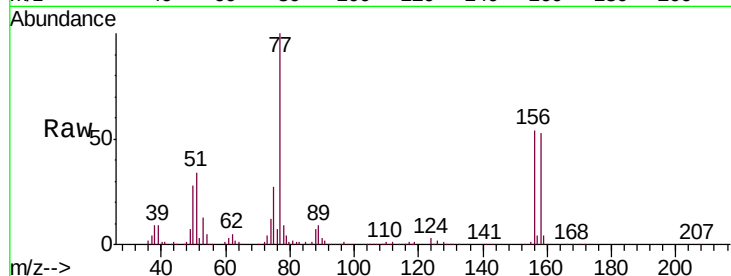
Tot Ion:156 Resp: 65341

Ion Ratio Lower Upper

156 100

77 200.7 96.2 288.6

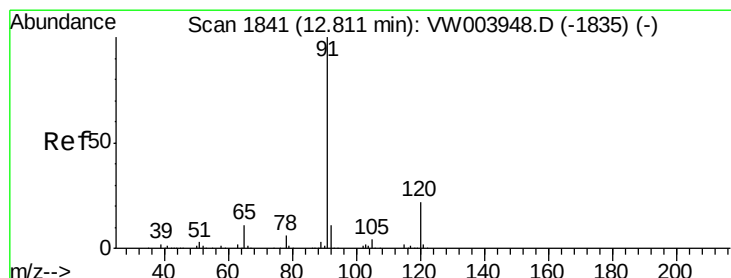
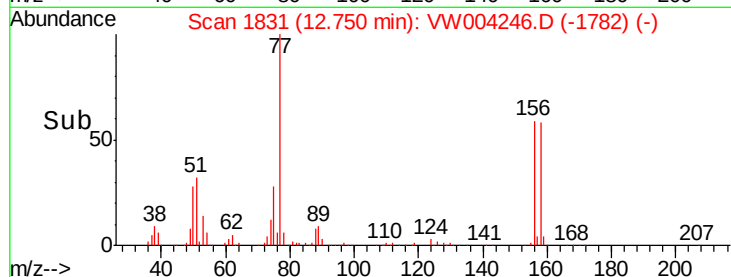
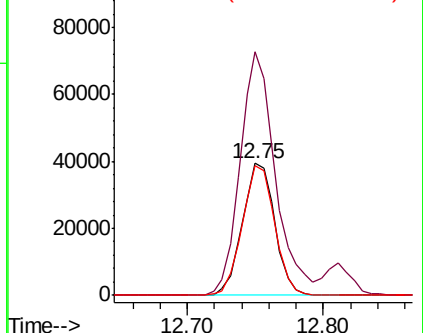
158 98.7 48.5 145.5



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: 19.508 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004246.D

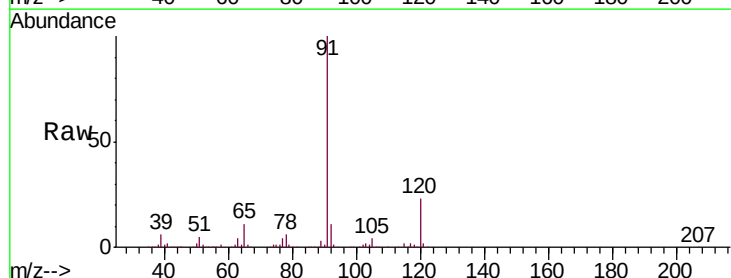
Acq: 27 Jul 2018 02:26

Tgt Ion: 91 Resp: 331946

Ion Ratio Lower Upper

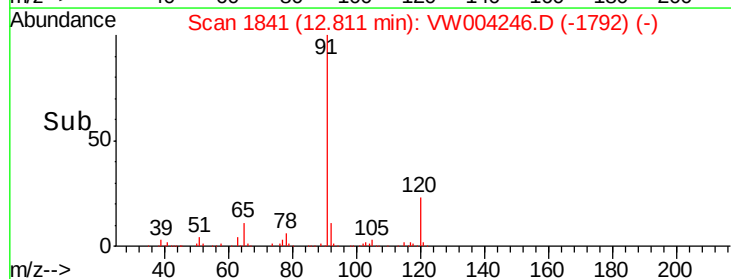
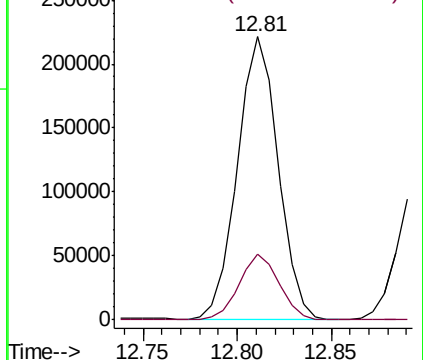
91 100

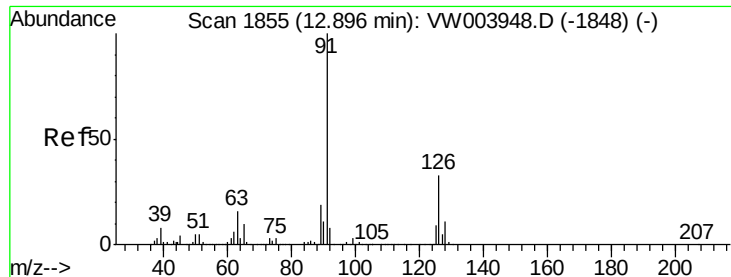
120 22.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.526 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

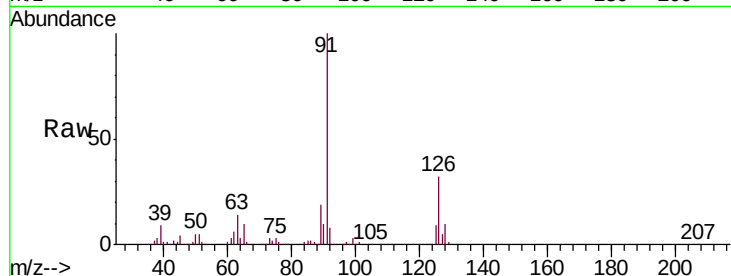
ClientSampleId :

Tot Ion: 91 Resp: 196984

Ion Ratio Lower Upper

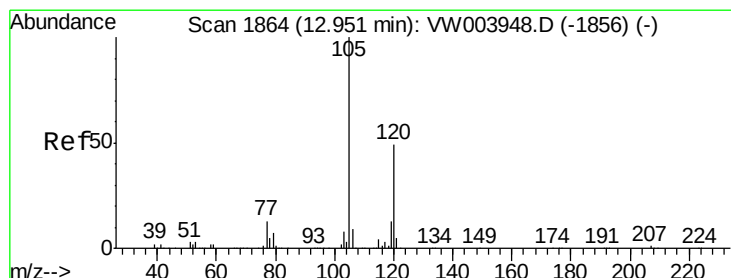
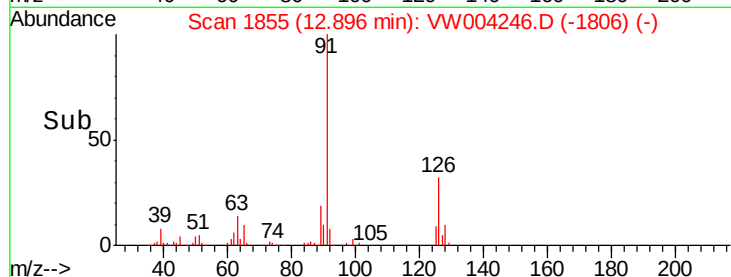
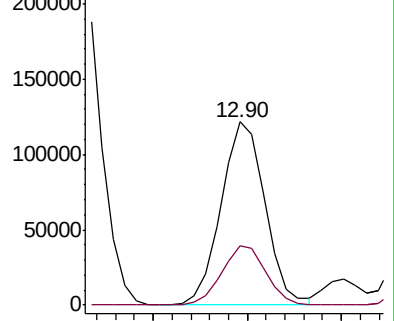
91 100

126 32.3 17.0 51.0



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: 20.191 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004246.D

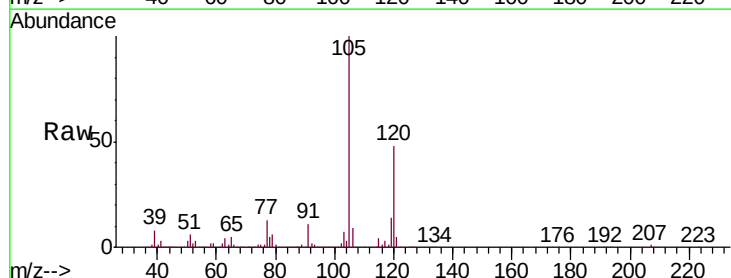
Acq: 27 Jul 2018 02:26

Tgt Ion:105 Resp: 235666

Ion Ratio Lower Upper

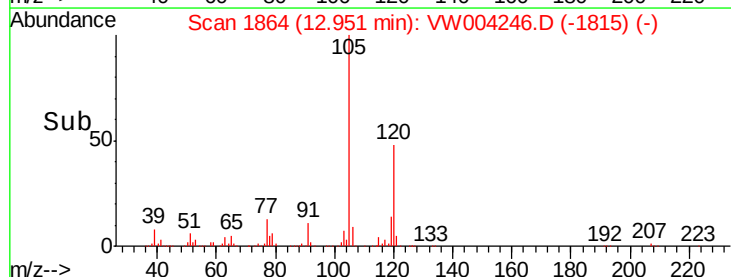
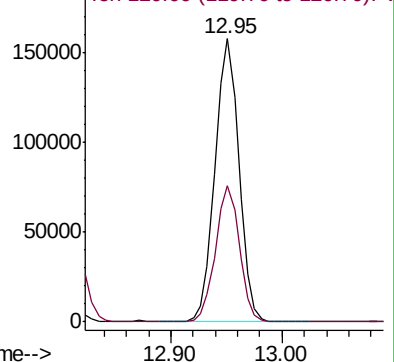
105 100

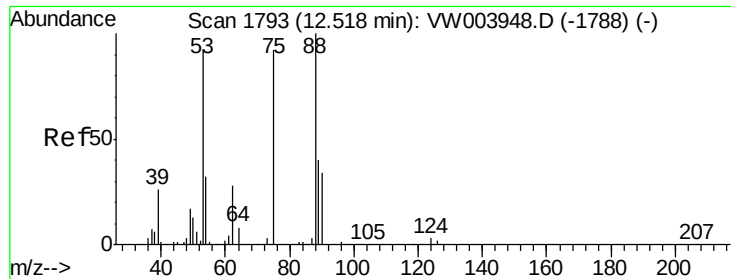
120 48.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

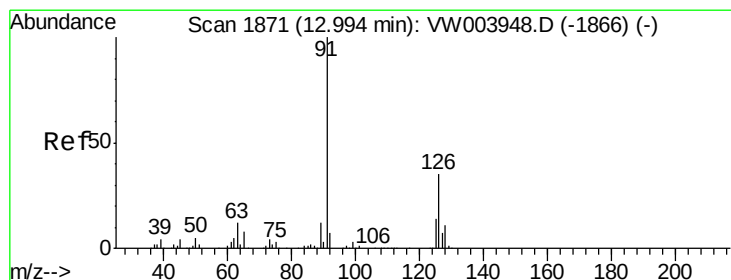
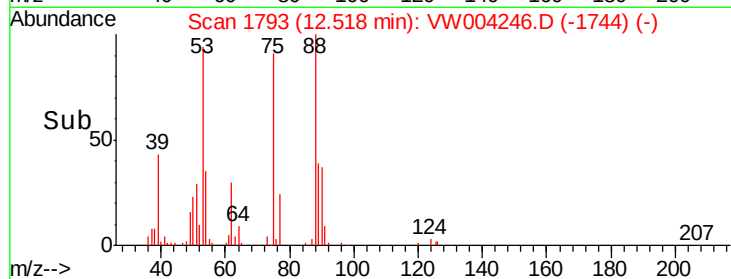
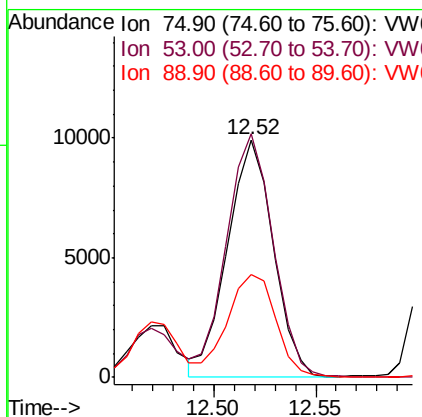
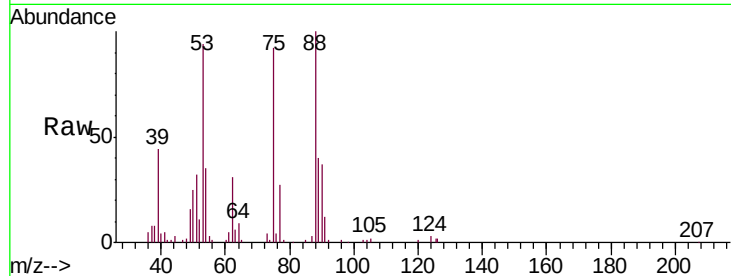




#81
trans-1,4-Dichloro-2-butene
Concen: 17.572 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

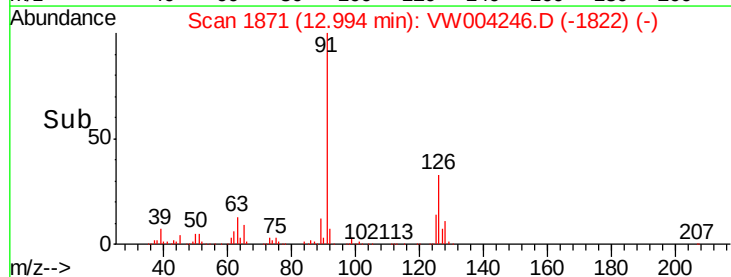
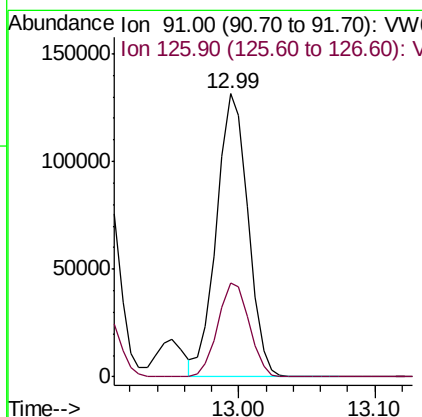
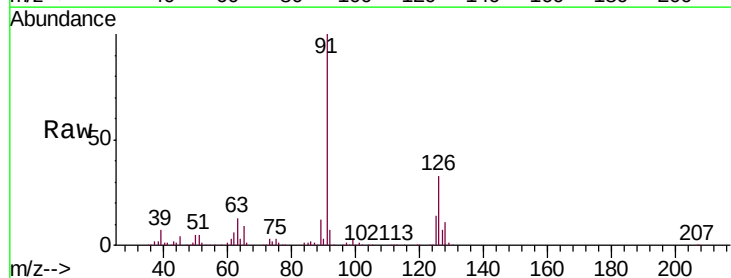
Instrument :
MSVOA_W
ClientSampled :

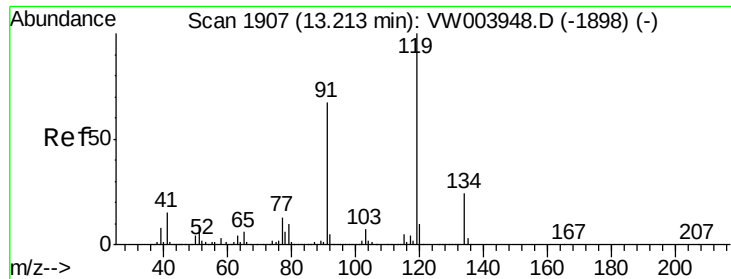
Tot Ion: 75 Resp: 15480
Ion Ratio Lower Upper
75 100
53 104.9 77.6 116.4
89 46.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.482 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion: 91 Resp: 210947
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

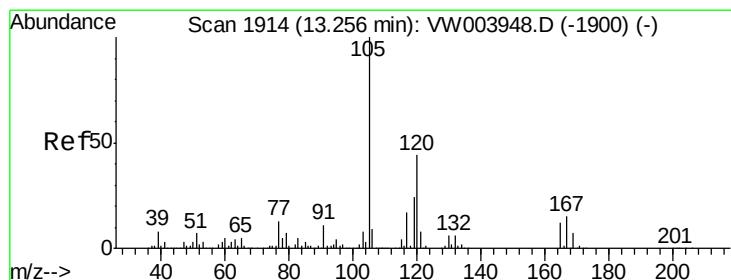
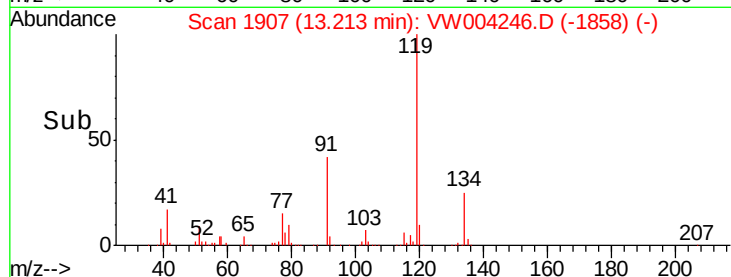
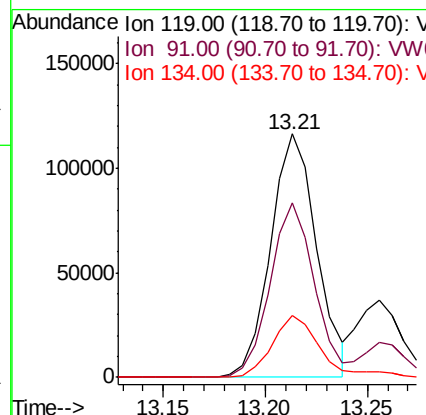
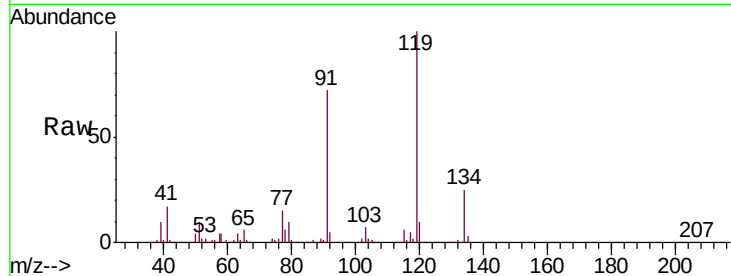




#83
tert-Butylbenzene
Concen: 18.720 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

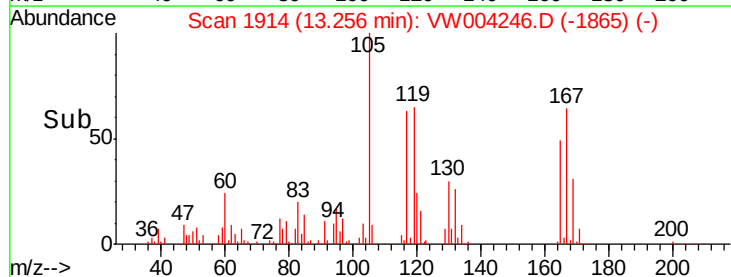
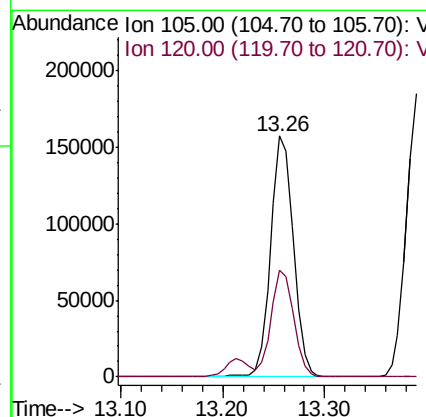
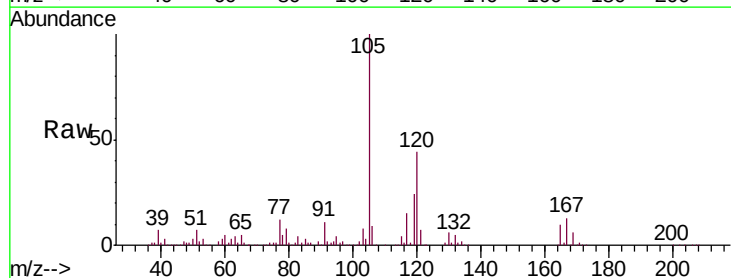
Instrument :
MSVOA_W
ClientSampled :

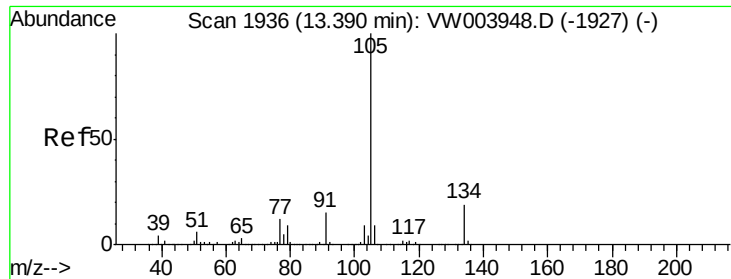
Tot Ion:119 Resp: 183447
Ion Ratio Lower Upper
119 100
91 70.3 33.2 99.6
134 26.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.245 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:105 Resp: 243114
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1

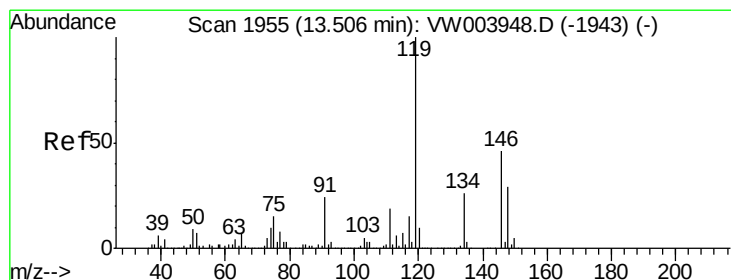
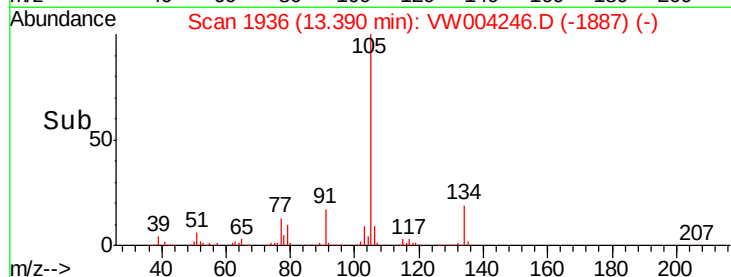
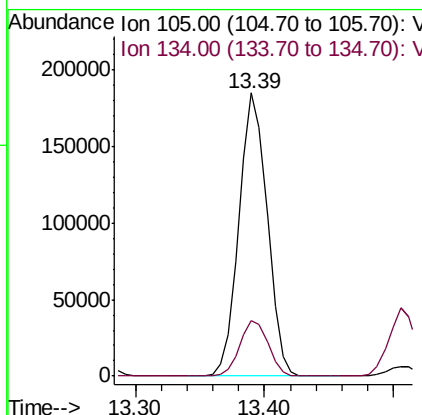
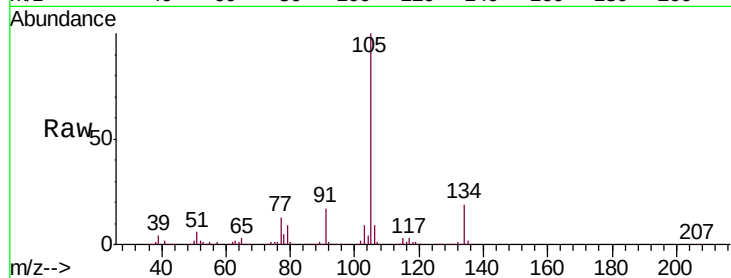




#85
 sec-Butylbenzene
 Concen: 19.314 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

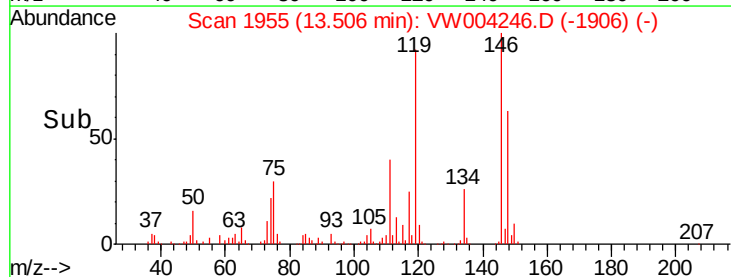
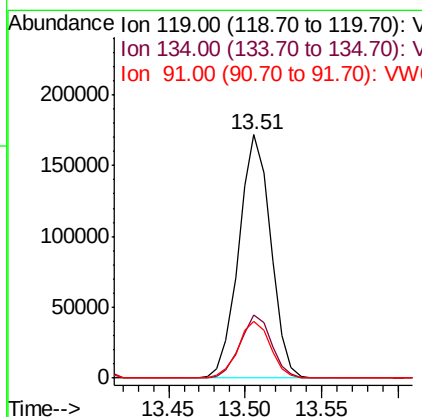
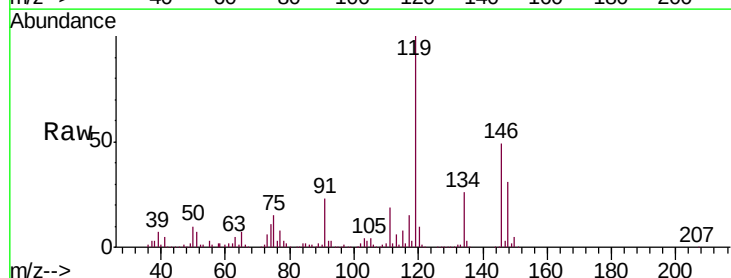
Instrument :
 MSVOA_W
 ClientSampleId :

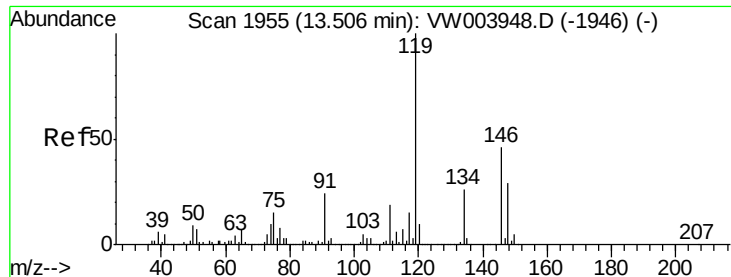
Tot Ion:105 Resp: 280831
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.492 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion:119 Resp: 248598
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.6 11.8 35.3

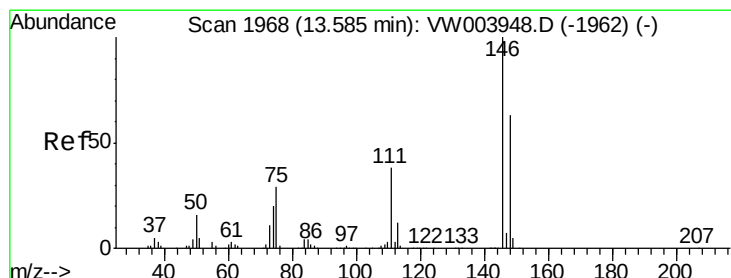
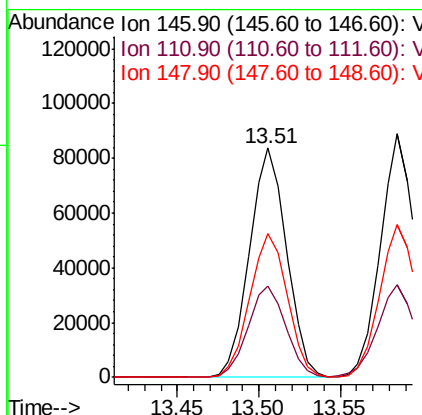
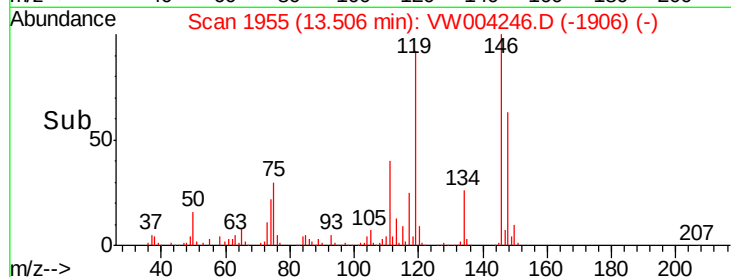
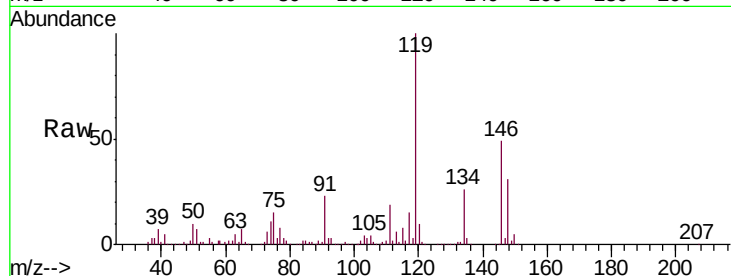




#87
 1,3-Dichlorobenzene
 Concen: 20.030 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

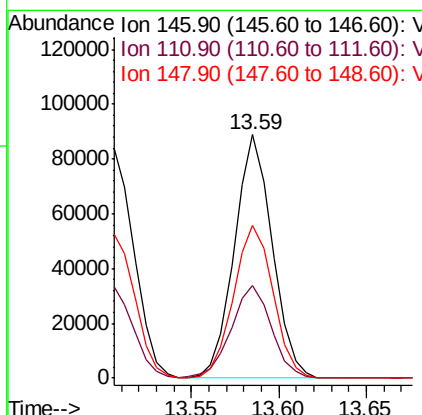
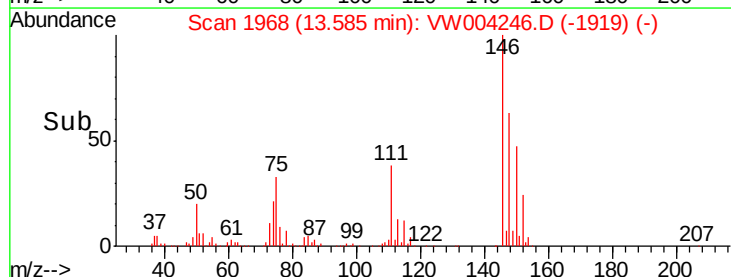
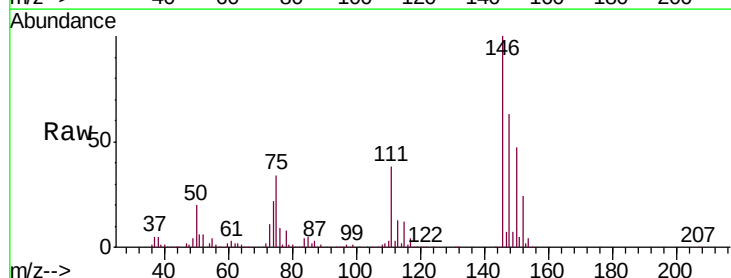
Instrument :
 MSVOA_W
 ClientSampled :

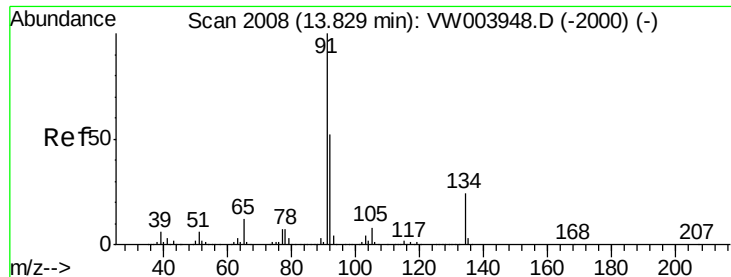
Tot Ion:146 Resp: 132771
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.6
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.128 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion:146 Resp: 133808
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.7
 148 65.3 32.3 96.8





#89

n-Butylbenzene

Concen: 18.709 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004246.D

Acq: 27 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

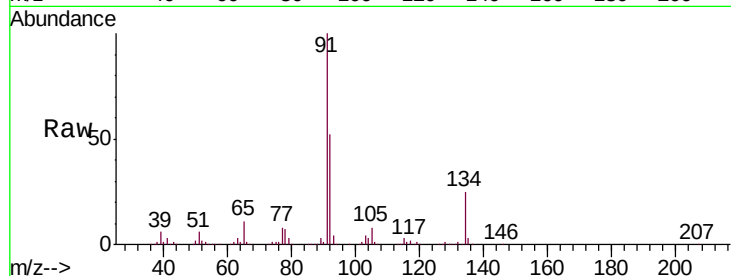
Tot Ion: 91 Resp: 234567

Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.1	78.3
134	25.3	12.4	37.4

91 100

92 51.2 26.1 78.3

134 25.3 12.4 37.4

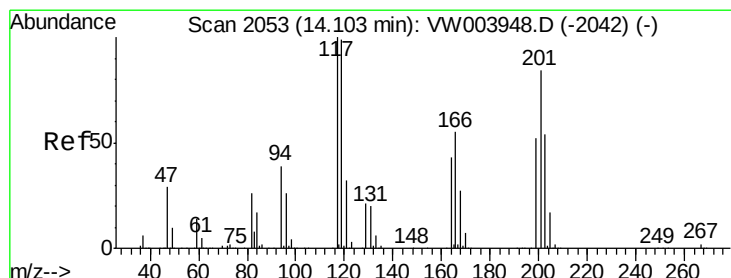
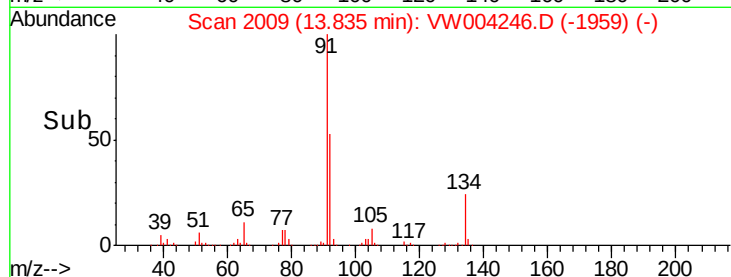
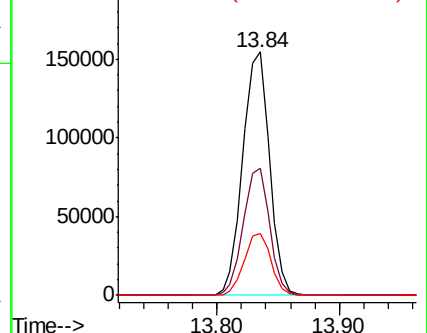


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.713 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004246.D

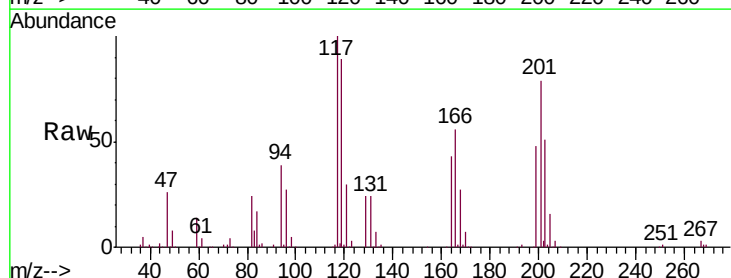
Acq: 27 Jul 2018 02:26

Tgt Ion: 117 Resp: 46345

Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.3	120.9

117 100

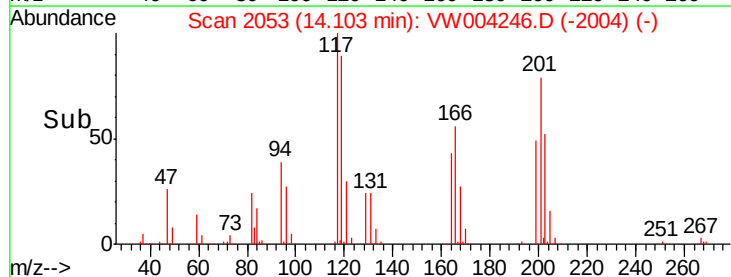
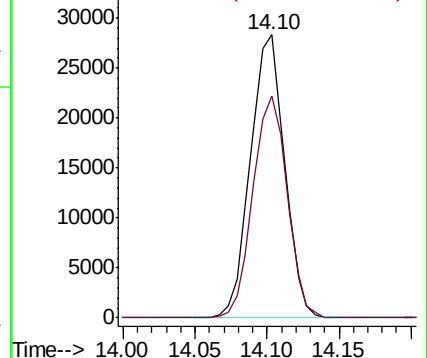
201 78.9 40.3 120.9

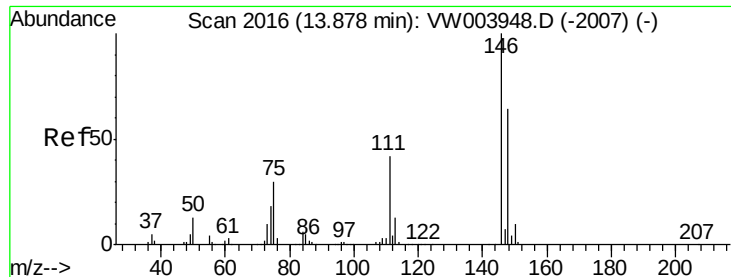


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

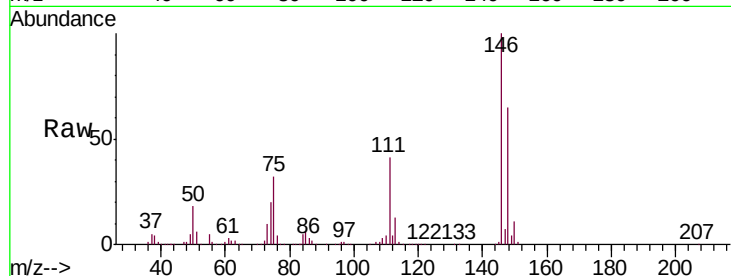




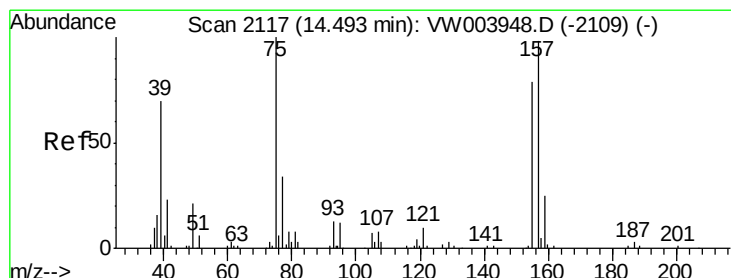
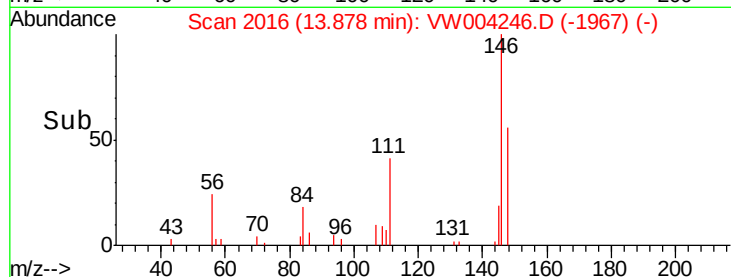
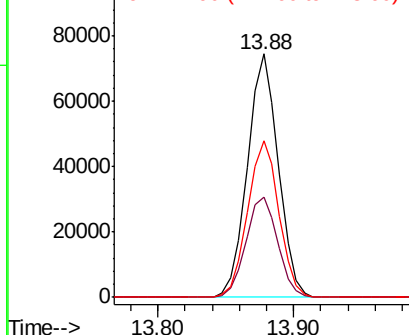
#91
 1,2-Dichlorobenzene
 Concen: 20.063 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 118489
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 65.1 32.0 96.2

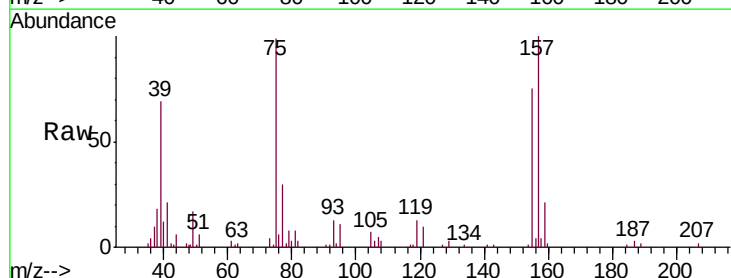


Abundance Ion 145.90 (145.60 to 146.60): V
 100000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

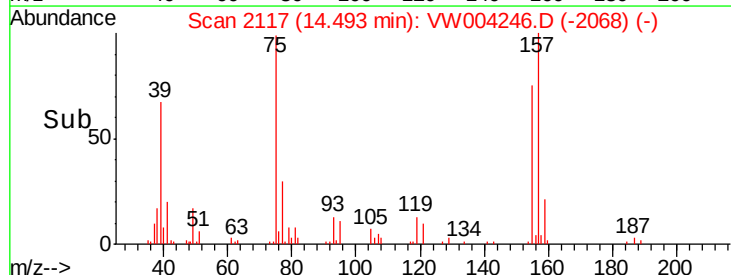
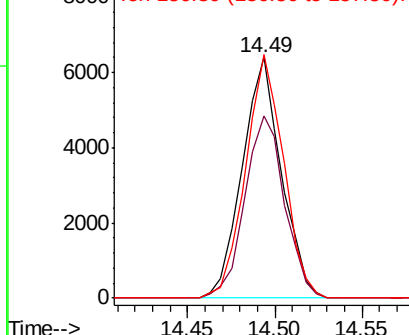


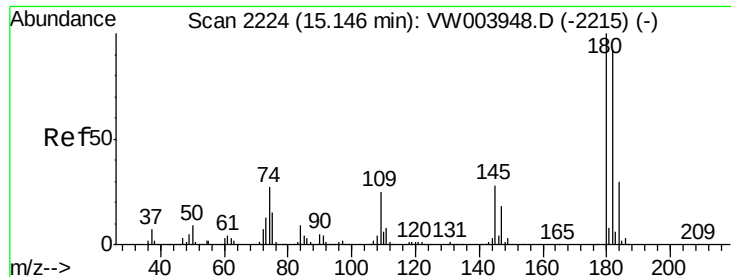
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.894 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004246.D
 Acq: 27 Jul 2018 02:26

Tgt Ion: 75 Resp: 9966
 Ion Ratio Lower Upper
 75 100
 155 76.9 39.4 118.1
 157 97.8 51.8 155.4



Abundance Ion 74.90 (74.60 to 75.60): VW
 8000 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

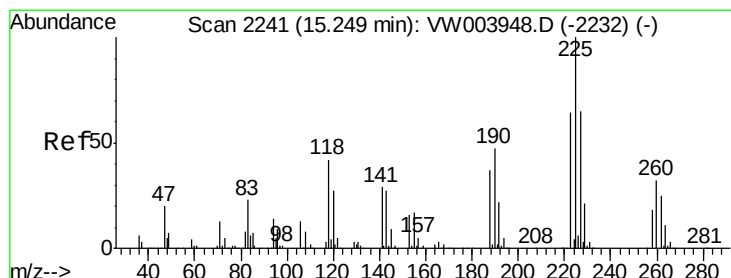
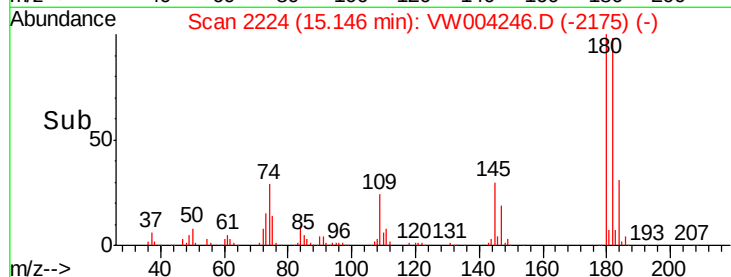
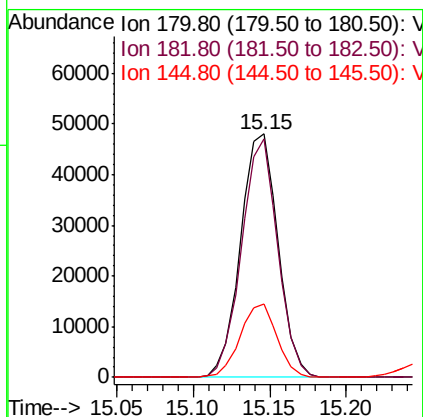
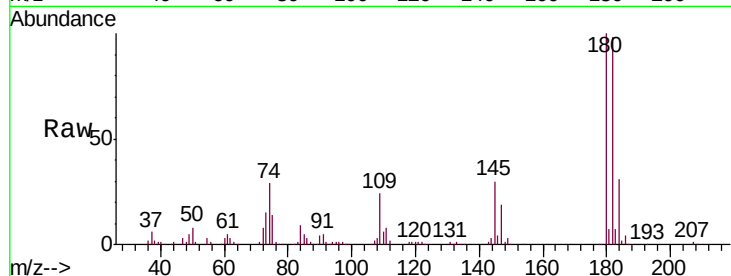




#93
1,2,4-Trichlorobenzene
Concen: 19.790 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

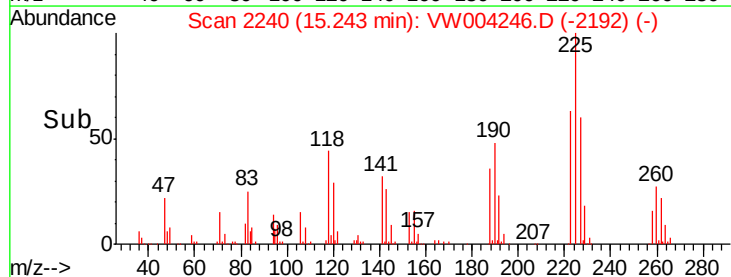
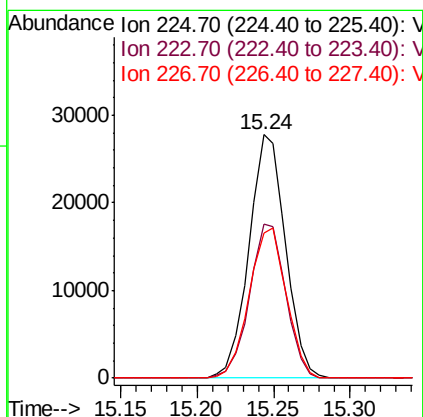
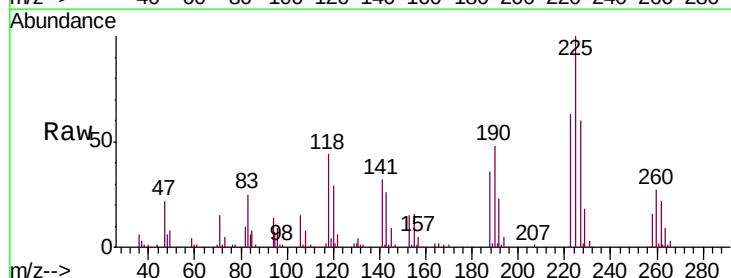
Instrument :
MSVOA_W
ClientSampleId :

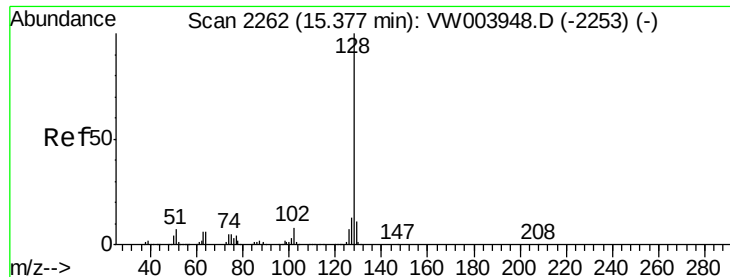
Tot Ion:180 Resp: 82086
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.8
145 29.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 19.378 ug/l
RT: 15.24 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:225 Resp: 46155
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.2
227 62.8 32.3 96.9

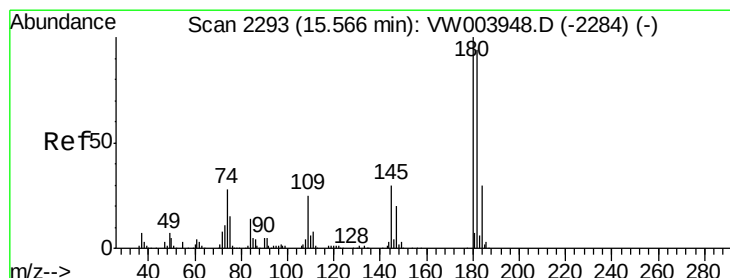
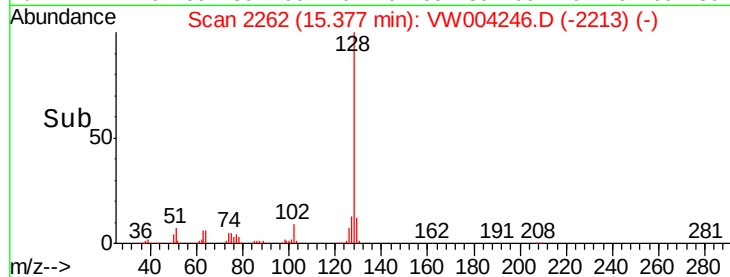
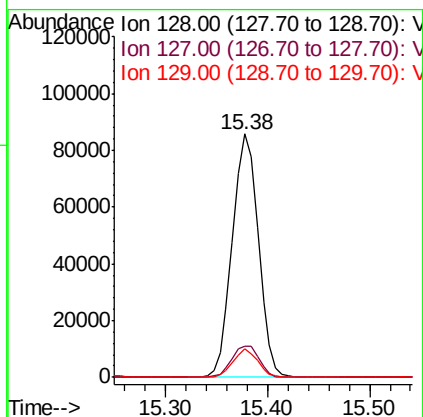
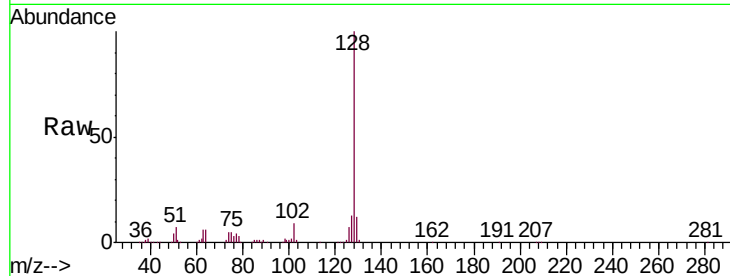




#95
Naphthalene
Concen: 19.855 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 152001
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.302 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004246.D
Acq: 27 Jul 2018 02:26

Tgt Ion:180 Resp: 74554
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.6
145 32.5 15.8 47.4

