

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004335.D
 Acq On : 30 Jul 2018 02:26
 Operator : SY/AP
 Sample : VW0730SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:37:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	141442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	210032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	190058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107199	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	69825	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
35) Dibromofluoromethane	7.88	113	64175	48.35	ug/l	0.00
Spiked Amount						
			Recovery	=	96.70%	
50) Toluene-d8	10.33	98	250410	47.74	ug/l	0.00
Spiked Amount						
			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	91798	49.70	ug/l	0.00
Spiked Amount						
			Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	7318	16.159	ug/l	97
3) Chloromethane	2.21	50	16416	23.434	ug/l	97
4) Vinyl Chloride	2.36	62	27638	20.732	ug/l	98
5) Bromomethane	2.77	94	19508	22.726	ug/l	99
6) Chloroethane	2.92	64	16450	20.469	ug/l	99
7) Trichlorofluoromethane	3.25	101	15715	18.187	ug/l	95
8) Diethyl Ether	3.67	74	13250	19.985	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22936	16.970	ug/l	93
10) Methyl Iodide	4.26	142	40390	20.033	ug/l	98
11) Tert butyl alcohol	5.17	59	10419	108.464	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	23218	17.434	ug/l	94
13) Acrolein	3.89	56	6604	76.790	ug/l	92
14) Allyl chloride	4.66	41	31499	14.874	ug/l #	88
15) Acrylonitrile	5.37	53	25927	84.085	ug/l	98
16) Acetone	4.12	43	21828	70.737	ug/l	100
17) Carbon Disulfide	4.37	76	68786	16.427	ug/l	100
18) Methyl Acetate	4.67	43	12267	16.056	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	47751	19.392	ug/l	94
20) Methylene Chloride	4.91	84	25617	17.751	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	26026	17.945	ug/l	96
22) Diisopropyl ether	6.31	45	66495	15.526	ug/l #	94
23) Vinyl Acetate	6.26	43	187389	75.416	ug/l #	92
24) 1,1-Dichloroethane	6.21	63	44344	16.434	ug/l	98
25) 2-Butanone	7.18	43	31340	79.090	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	24890	15.554	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	29598	19.266	ug/l	89
28) Bromochloromethane	7.51	49	16270	16.831	ug/l #	69
29) Tetrahydrofuran	7.53	42	20269	75.989	ug/l #	84
30) Chloroform	7.68	83	49937	18.954	ug/l	100
31) Cyclohexane	7.95	56	36223	14.872	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	41631	19.240	ug/l	97
36) 1,1-Dichloropropene	8.08	75	35995	17.131	ug/l	96
37) Ethyl Acetate	7.26	43	13351	15.506	ug/l #	92
38) Carbon Tetrachloride	8.07	117	40044	19.301	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42033	16.601	ug/l	96
40) Benzene	8.32	78	105586	17.863	ug/l	99
41) Methacrylonitrile	7.49	41	7283	14.457	ug/l #	74
42) 1,2-Dichloroethane	8.40	62	33963	20.098	ug/l	99
43) Isopropyl Acetate	8.43	43	27658	17.823	ug/l #	95
44) Trichloroethene	9.09	130	31962	20.029	ug/l	83
45) 1,2-Dichloropropane	9.37	63	25133	17.135	ug/l	98
46) Dibromomethane	9.46	93	14336	19.141	ug/l	90
47) Bromodichloromethane	9.65	83	36508	19.218	ug/l #	97
48) Methyl methacrylate	9.44	41	13257	16.774	ug/l	89
49) 1,4-Dioxane	9.45	88	5179	456.138	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	69857	82.025	ug/l	93
52) Toluene	10.39	92	70206	18.918	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	34765	18.272	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	39337	17.734	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	20872	19.559	ug/l	93
56) Ethyl methacrylate	10.65	69	25107	19.442	ug/l	92
57) 1,3-Dichloropropane	10.94	76	33682	18.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	55230	96.279	ug/l	90
59) 2-Hexanone	10.98	43	47436	81.117	ug/l	92
60) Dibromochloromethane	11.13	129	26737	20.940	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19543	19.205	ug/l	95
64) Tetrachloroethene	10.87	164	30829	22.140	ug/l	98
65) Chlorobenzene	11.66	112	79527	19.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28700	20.386	ug/l	96
67) Ethyl Benzene	11.74	91	131167	18.851	ug/l	95
68) m/p-Xylenes	11.84	106	102885	38.426	ug/l	98
69) o-Xylene	12.17	106	47934	19.376	ug/l	98
70) Styrene	12.19	104	83192	19.904	ug/l	98
71) Bromoform	12.35	173	17026	21.579	ug/l #	98
73) Isopropylbenzene	12.47	105	135906	18.284	ug/l	99
74) N-amyl acetate	12.28	43	25138	15.483	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	21869	16.795	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	29974	30.637	ug/l #	100
77) Bromobenzene	12.76	156	35487	19.759	ug/l	89
78) n-propylbenzene	12.81	91	160212	17.693	ug/l	98
79) 2-Chlorotoluene	12.90	91	94666	18.278	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	122266	19.094	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6103	14.515	ug/l	96
82) 4-Chlorotoluene	12.99	91	102013	18.614	ug/l	99
83) tert-Butylbenzene	13.21	119	102012	19.123	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	126953	19.439	ug/l	98
85) sec-Butylbenzene	13.39	105	134373	17.244	ug/l	94
86) p-Isopropyltoluene	13.51	119	129269	18.471	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	70675	19.660	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	67965	18.950	ug/l	98
89) n-Butylbenzene	13.83	91	111760	17.101	ug/l	98
90) Hexachloroethane	14.10	117	22464	17.997	ug/l	88
91) 1,2-Dichlorobenzene	13.88	146	64170	19.942	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4401	19.363	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

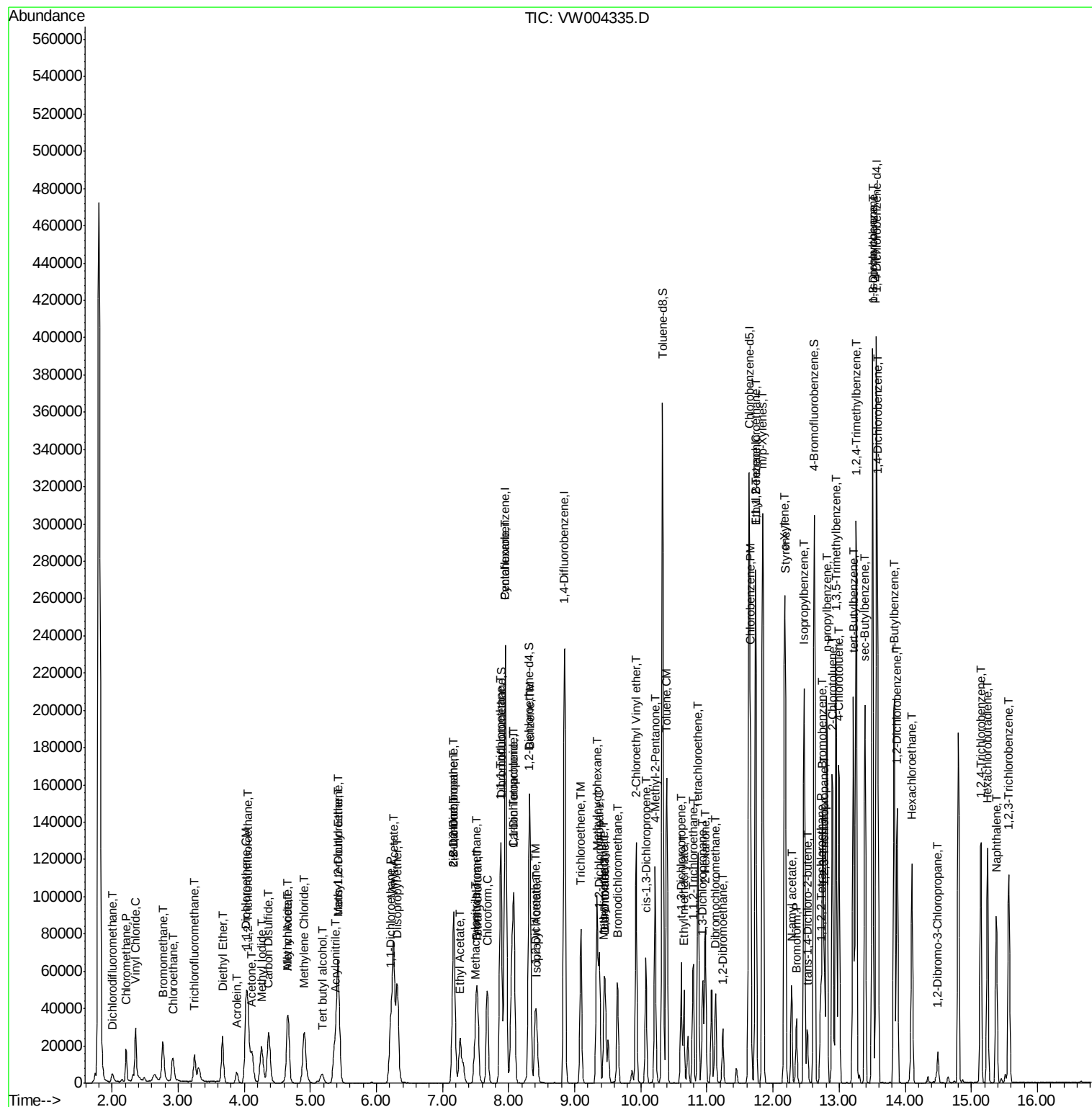
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	45179	19.996	ug/l	96
94) Hexachlorobutadiene	15.25	225	28317	20.514	ug/l	98
95) Naphthalene	15.38	128	80585	20.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	41692	21.088	ug/l	99

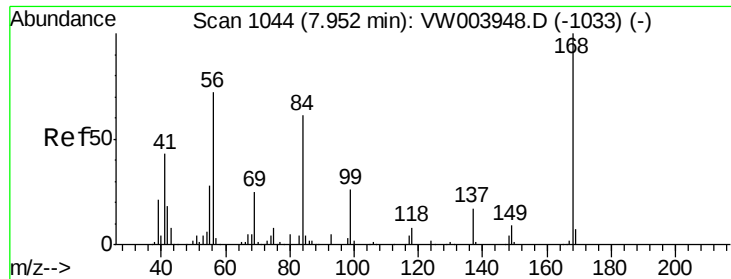
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 02:59:48 2018
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

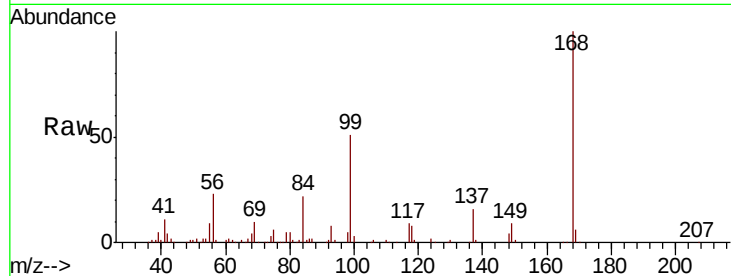
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 141442

Ion Ratio Lower Upper

168 100

99 51.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

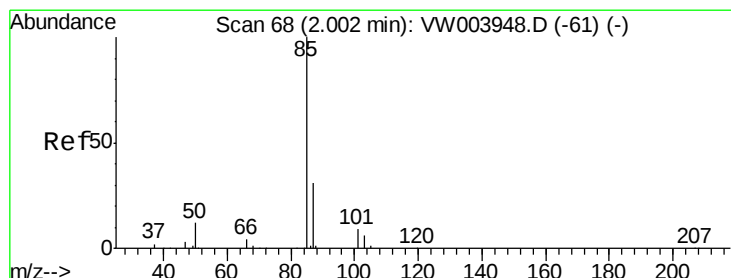
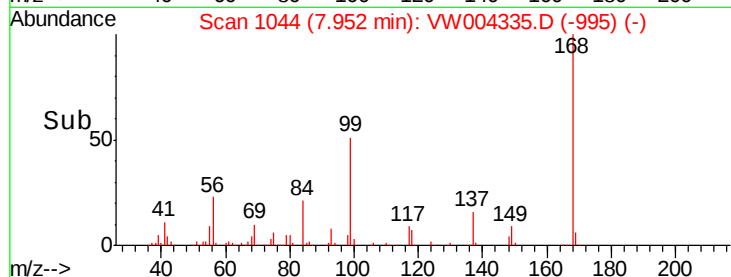
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.159 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004335.D

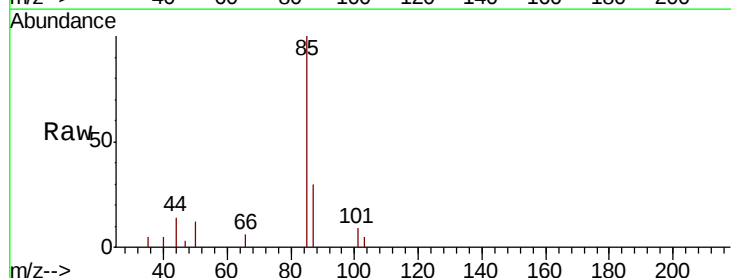
Acq: 30 Jul 2018 02:26

Tgt Ion: 85 Resp: 7318

Ion Ratio Lower Upper

85 100

87 30.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

3000

2500

2000

1500

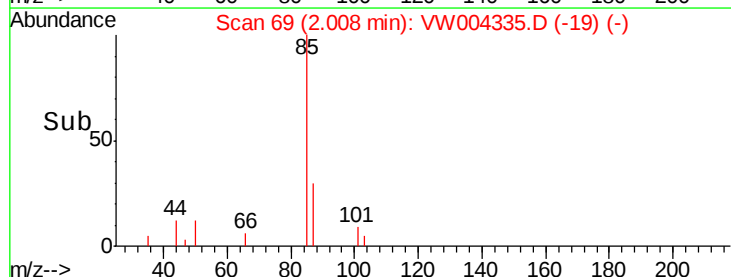
1000

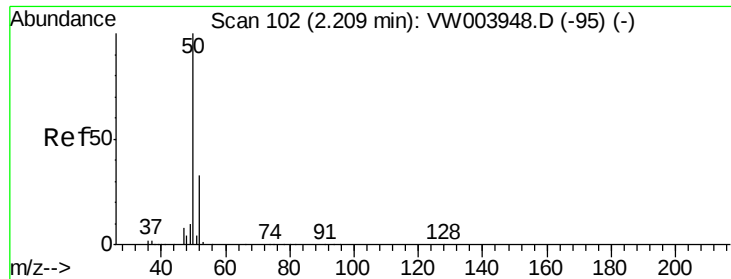
500

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 23.434 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

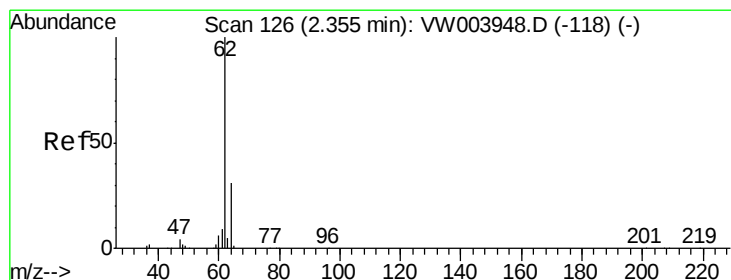
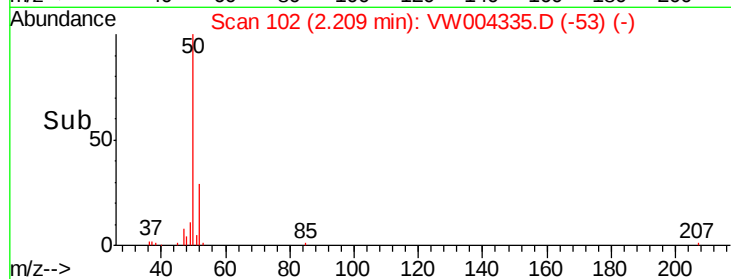
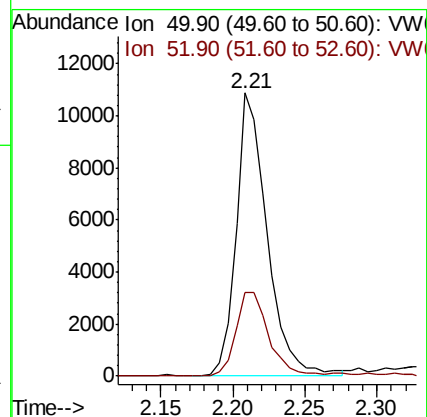
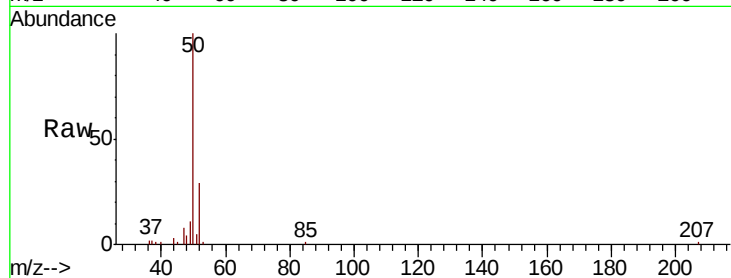
ClientSampled :

Tot Ion: 50 Resp: 16416

Ion Ratio Lower Upper

50 100

52 29.4 24.8 37.2



#4

Vinyl Chloride

Concen: 20.732 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004335.D

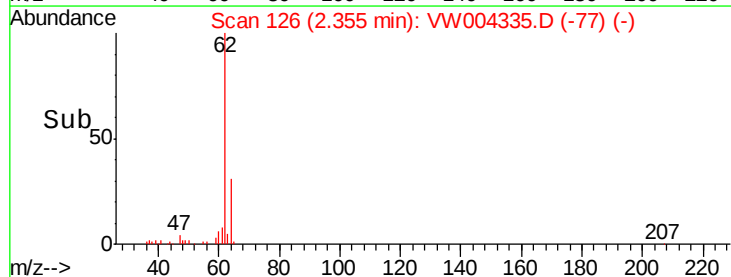
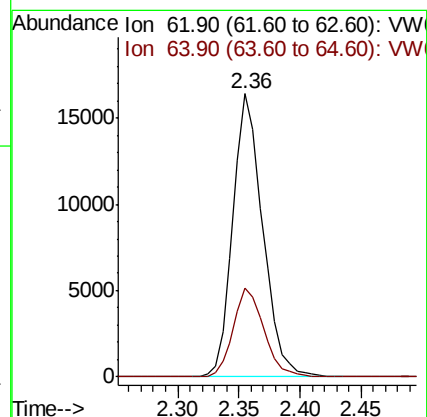
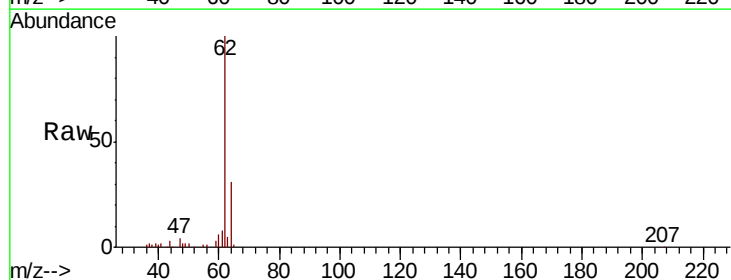
Acq: 30 Jul 2018 02:26

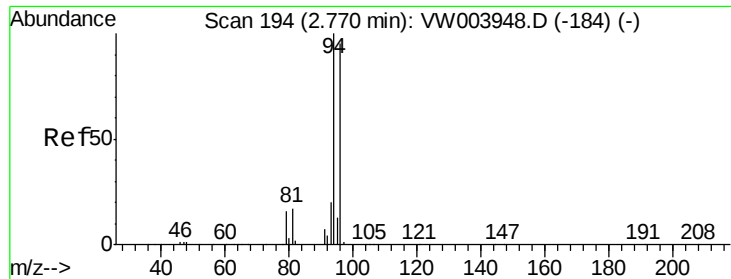
Tgt Ion: 62 Resp: 27638

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9

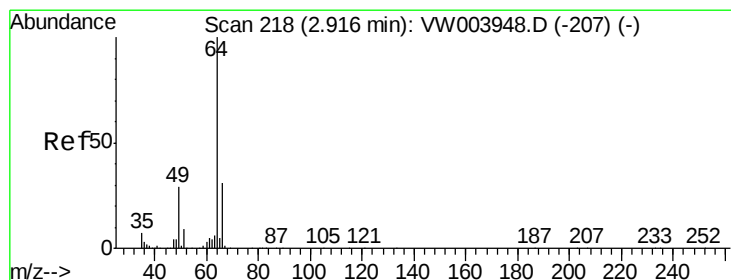
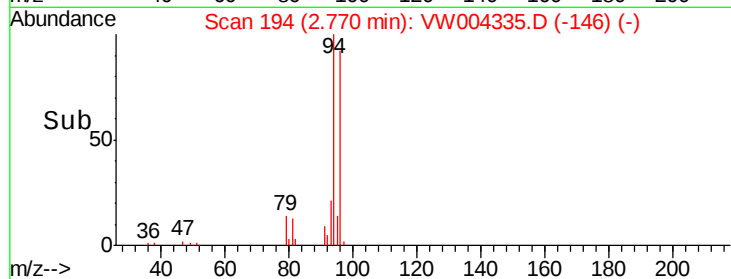
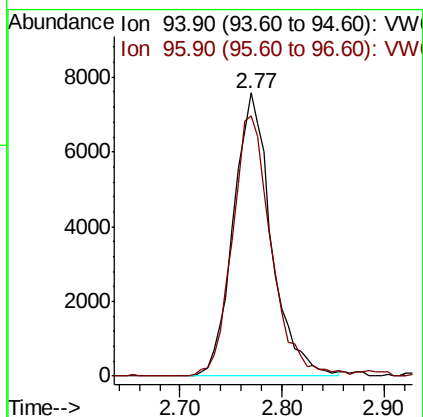
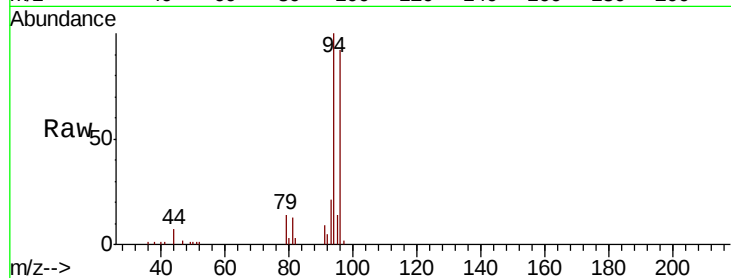




#5
Bromomethane
Concen: 22.726 ug/l
RT: 2.77 min Scan# 194
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

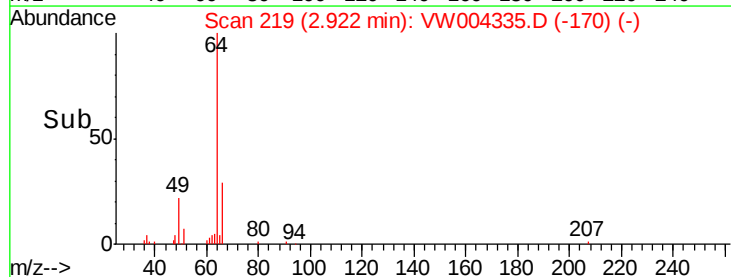
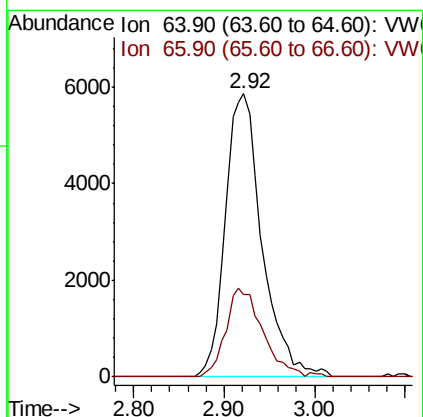
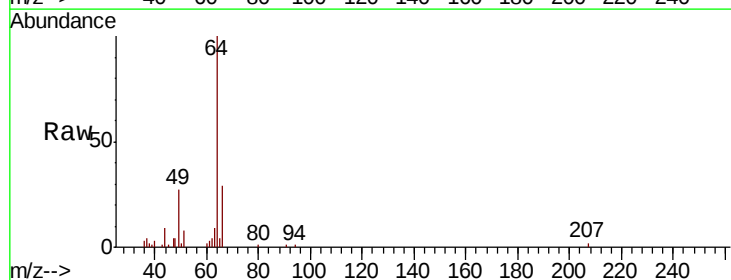
Instrument :
MSVOA_W
ClientSampled :

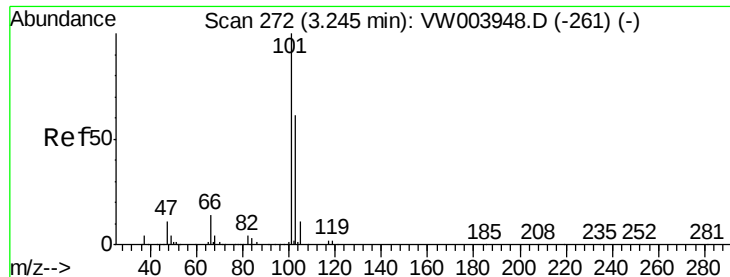
Tot Ion: 94 Resp: 19508
Ion Ratio Lower Upper
94 100
96 92.2 73.3 109.9



#6
Chloroethane
Concen: 20.469 ug/l
RT: 2.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 64 Resp: 16450
Ion Ratio Lower Upper
64 100
66 29.1 23.7 35.5



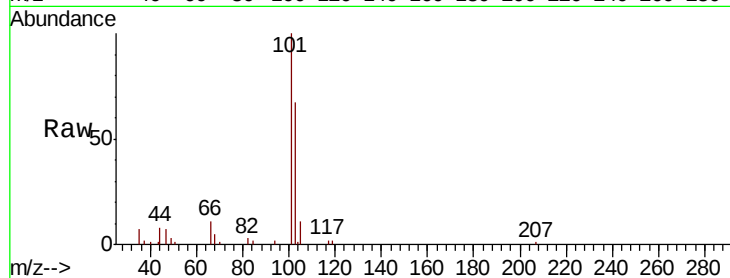


#7

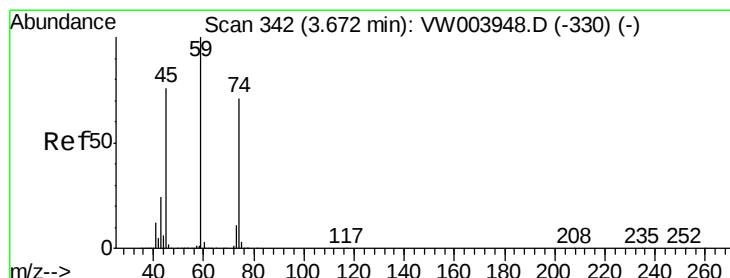
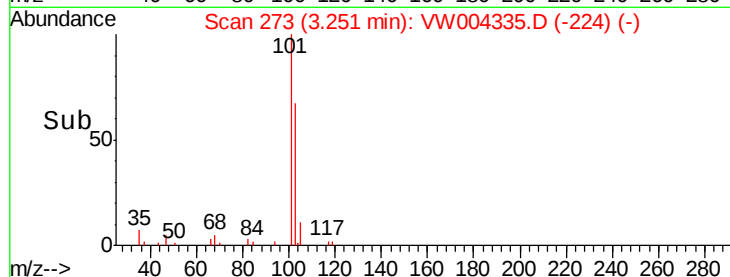
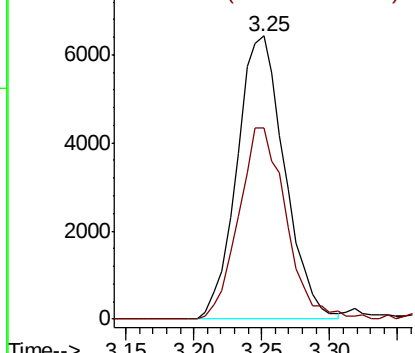
Trichlorofluoromethane
Concen: 18.187 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 15715
Ion Ratio Lower Upper
101 100
103 67.5 50.8 76.2



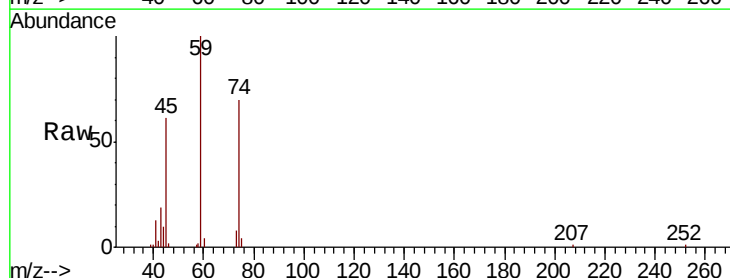
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



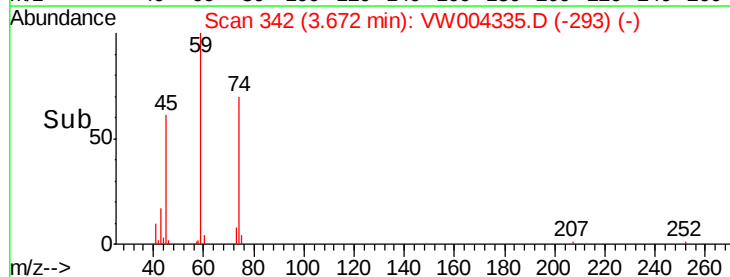
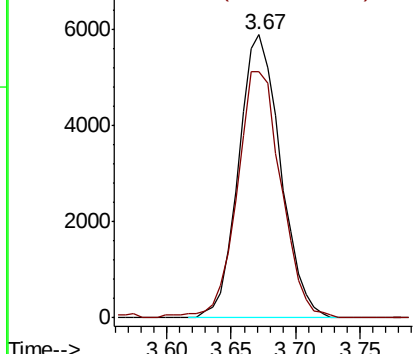
#8

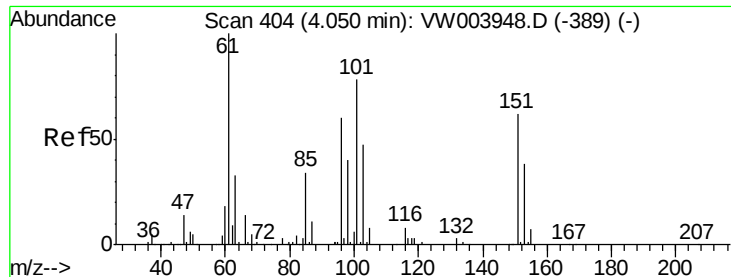
Diethyl Ether
Concen: 19.985 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 74 Resp: 13250
Ion Ratio Lower Upper
74 100
45 91.5 49.4 148.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.970 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

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ClientSampleId :

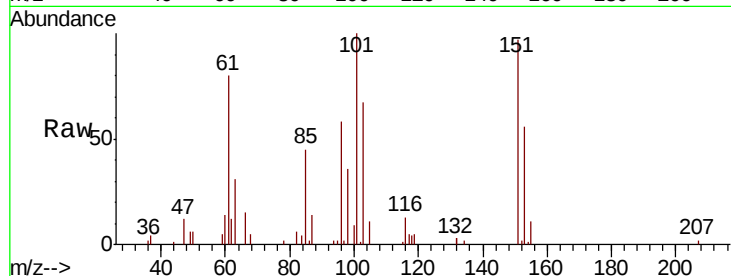
Tot Ion:101 Resp: 22936

Ion Ratio Lower Upper

101 100

85 41.4 35.5 53.3

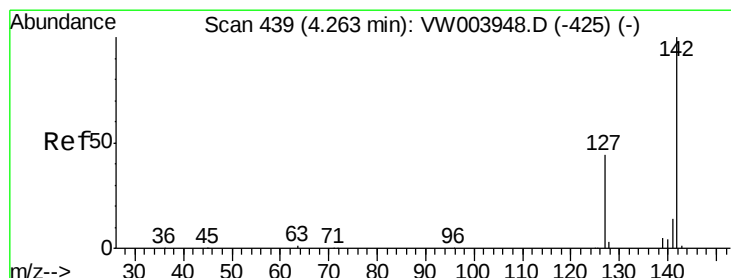
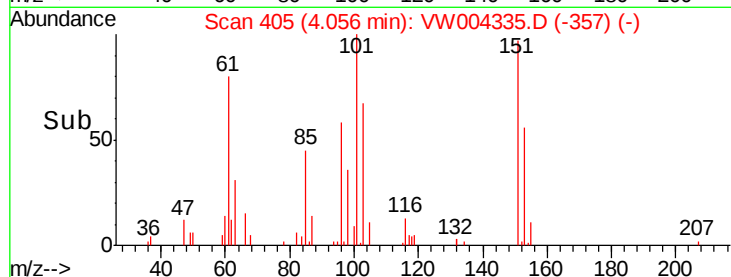
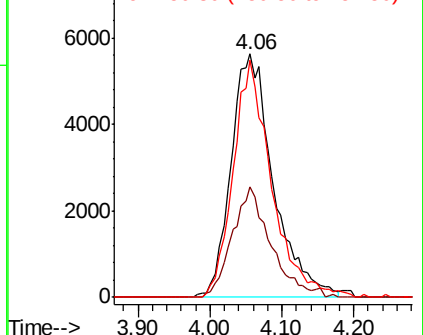
151 88.5 64.6 97.0



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: 20.033 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

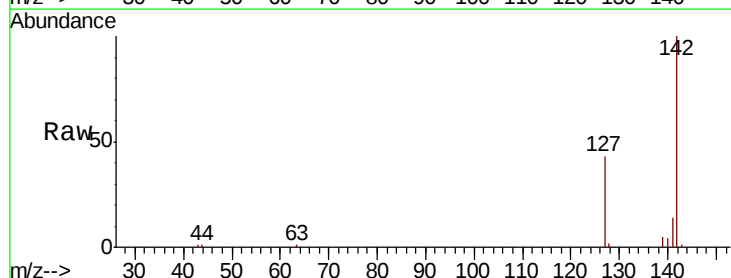
Tgt Ion:142 Resp: 40390

Ion Ratio Lower Upper

142 100

127 41.6 34.6 52.0

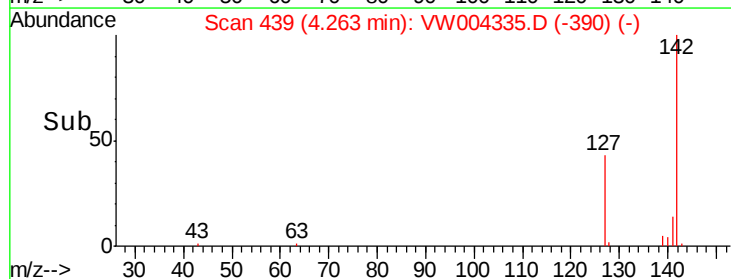
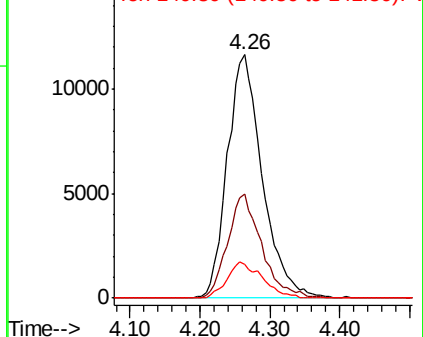
141 14.9 11.5 17.3

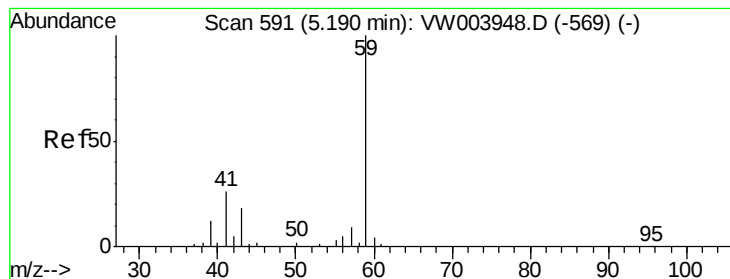


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



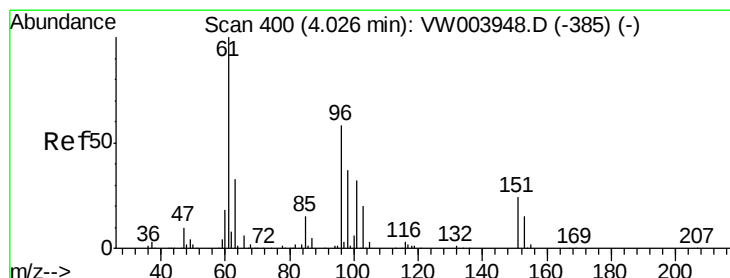
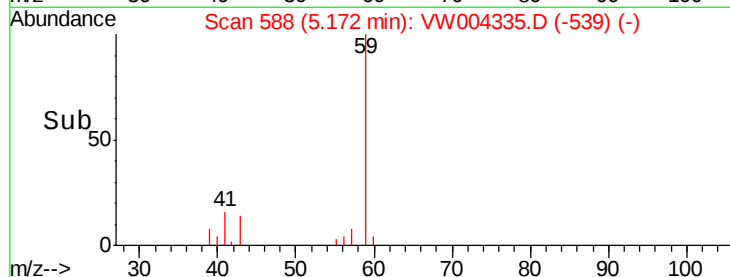
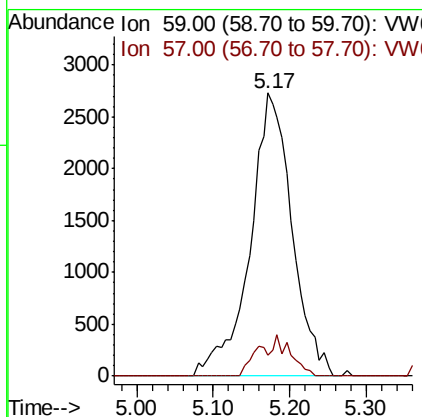
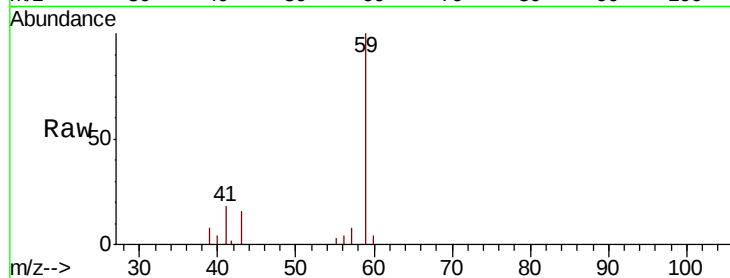


#11

Tert butyl alcohol
 Concen: 108.464 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

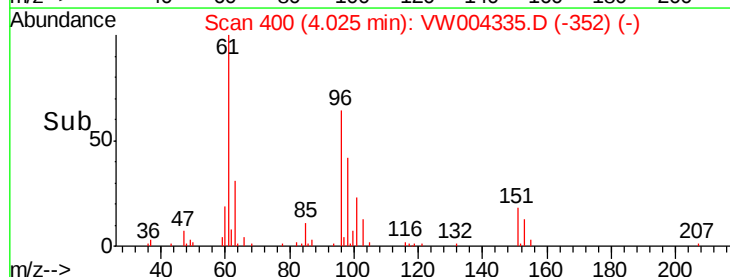
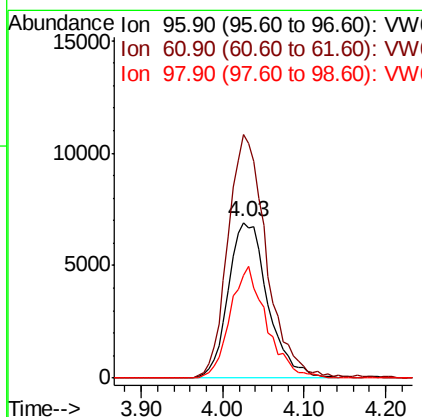
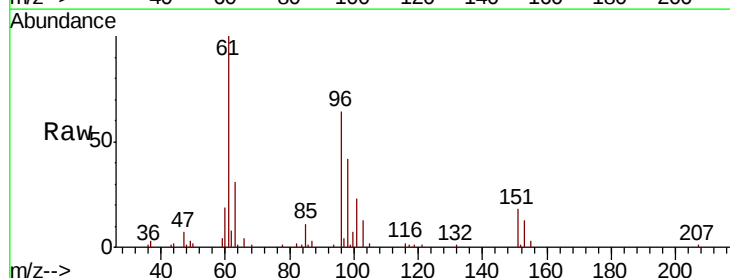
Tot Ion: 59 Resp: 10419
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.4 12.6#

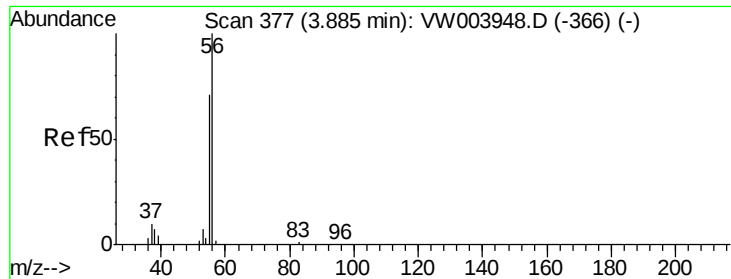


#12

1,1-Dichloroethene
 Concen: 17.434 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 96 Resp: 23218
 Ion Ratio Lower Upper
 96 100
 61 156.3 133.4 200.0
 98 65.6 51.9 77.9





#13

Acrolein

Concen: 76.790 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

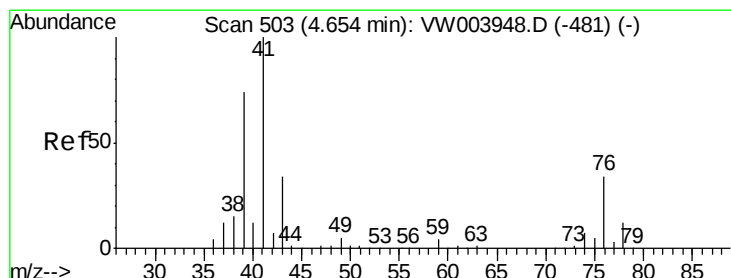
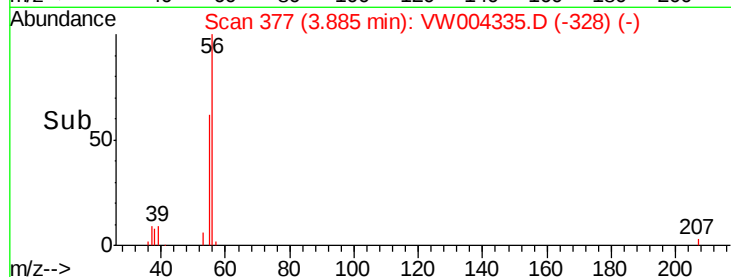
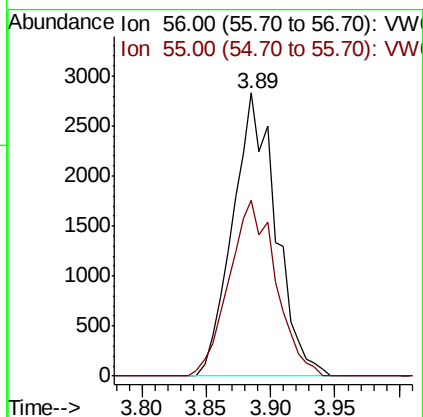
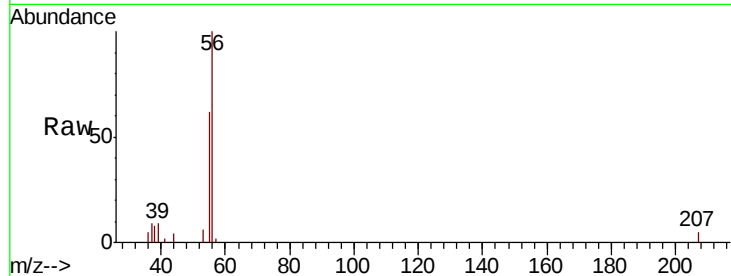
ClientSampleId :

Tot Ion: 56 Resp: 6604

Ion Ratio Lower Upper

56 100

55 67.2 59.4 89.2



#14

Allyl chloride

Concen: 14.874 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

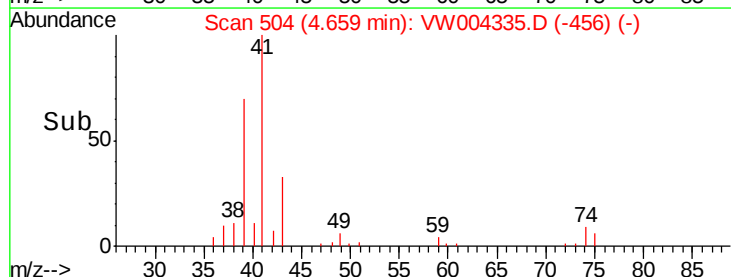
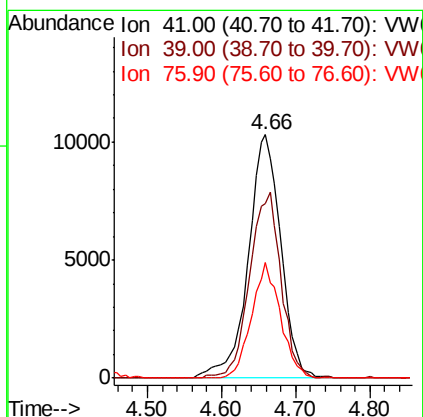
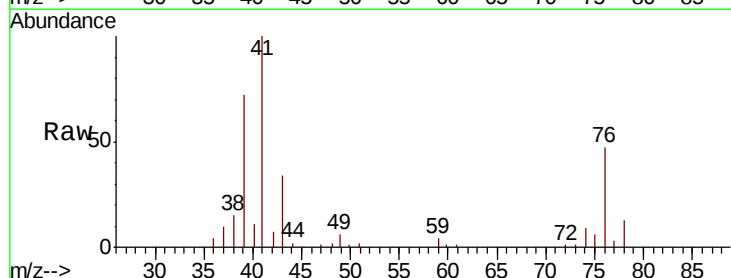
Tgt Ion: 41 Resp: 31499

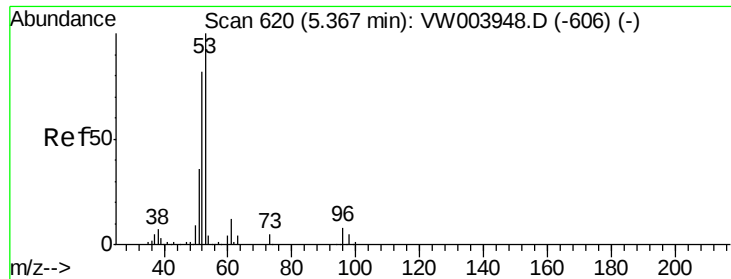
Ion Ratio Lower Upper

41 100

39 73.7 52.3 78.5

76 42.0 27.3 40.9#





#15

Acrylonitrile

Concen: 84.085 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

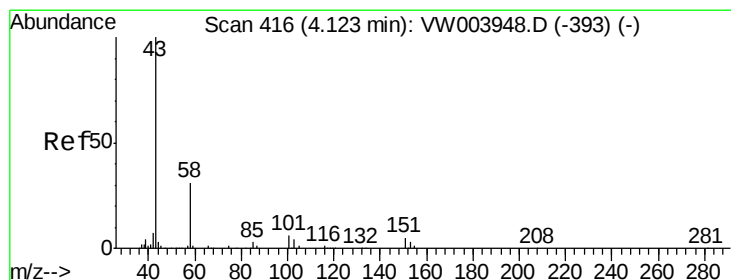
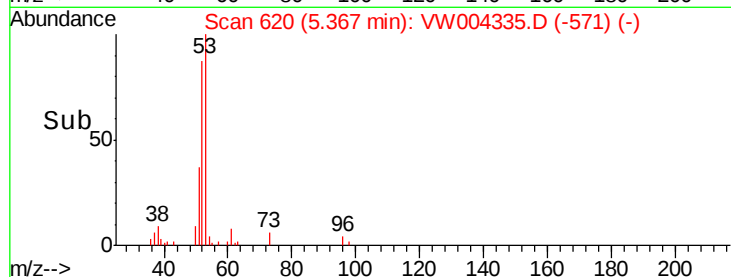
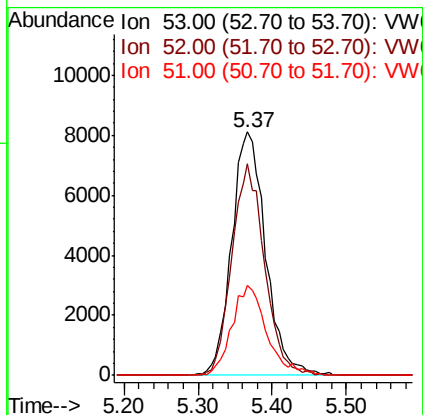
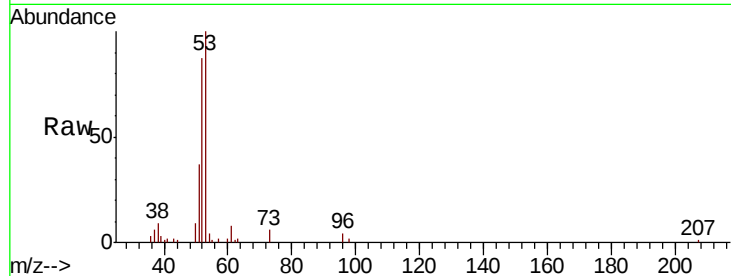
Tot Ion: 53 Resp: 25927

Ion Ratio Lower Upper

53 100

52 83.3 65.7 98.5

51 37.8 29.2 43.8



#16

Acetone

Concen: 70.737 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004335.D

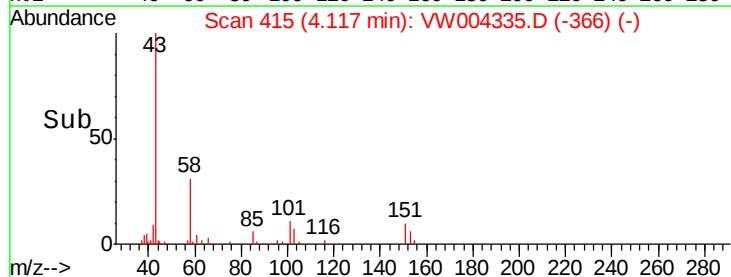
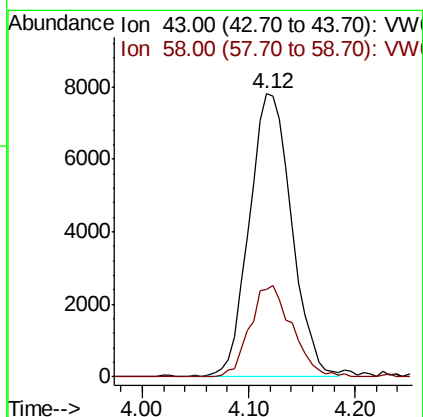
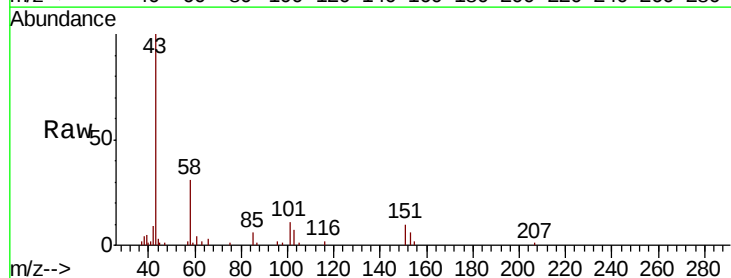
Acq: 30 Jul 2018 02:26

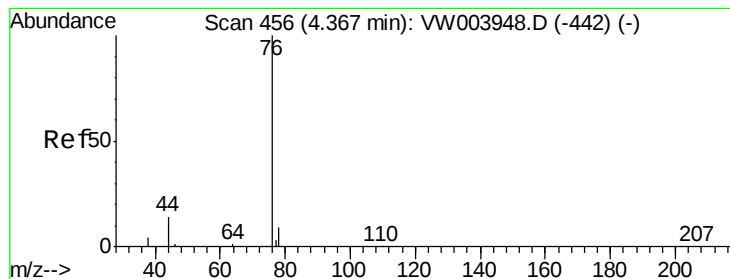
Tgt Ion: 43 Resp: 21828

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2





#17

Carbon Disulfide

Concen: 16.427 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

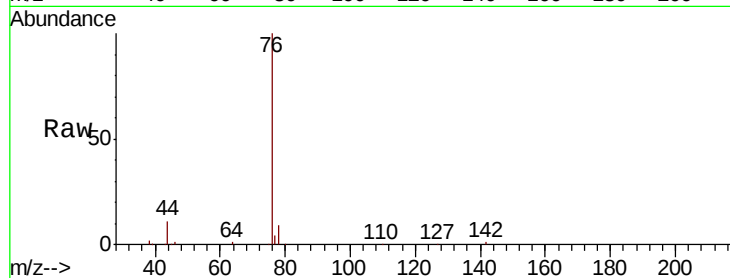
ClientSampleId :

Tot Ion: 76 Resp: 68786

Ion Ratio Lower Upper

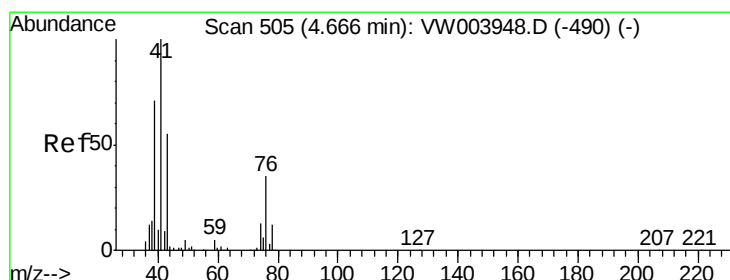
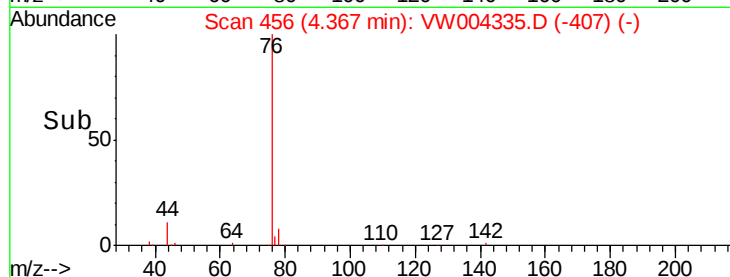
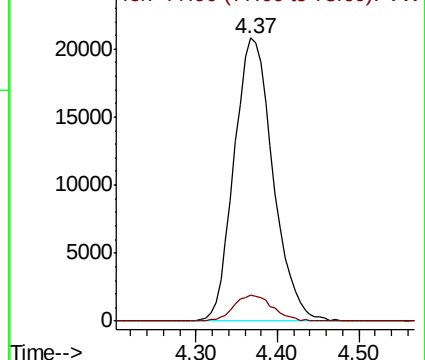
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.056 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW004335.D

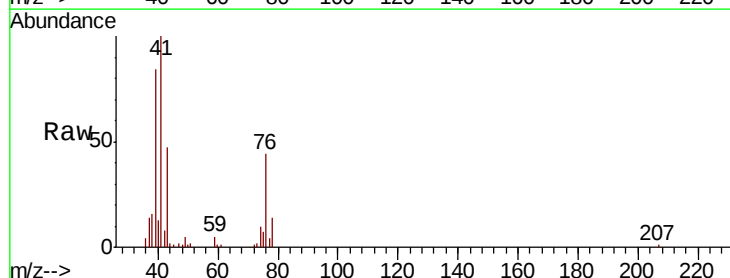
Acq: 30 Jul 2018 02:26

Tgt Ion: 43 Resp: 12267

Ion Ratio Lower Upper

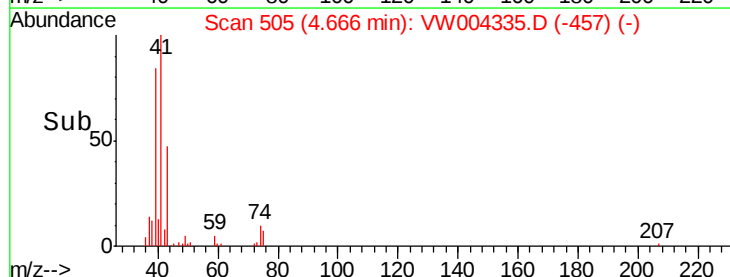
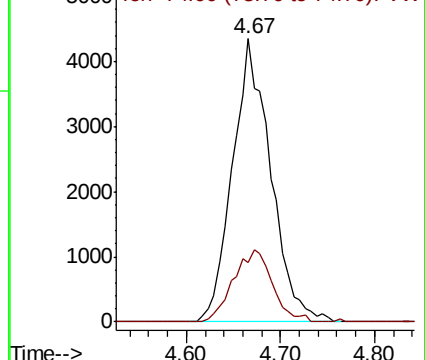
43 100

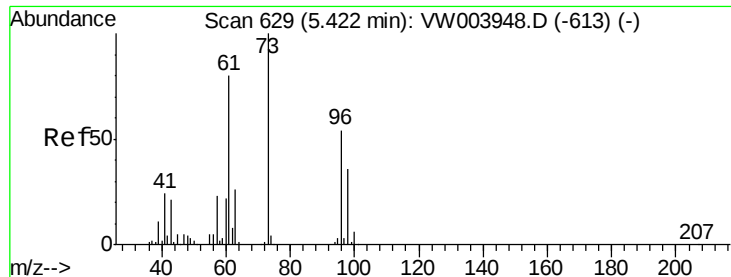
74 26.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



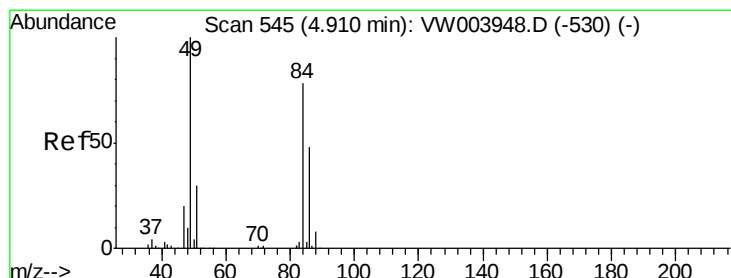
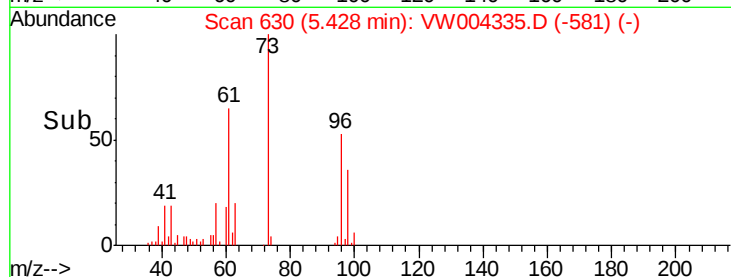
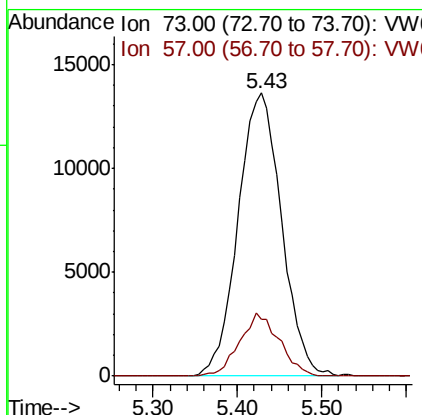
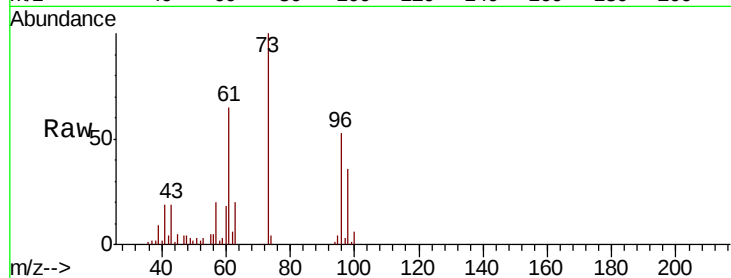


#19

Methyl tert-butyl Ether
 Concen: 19.392 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampled :

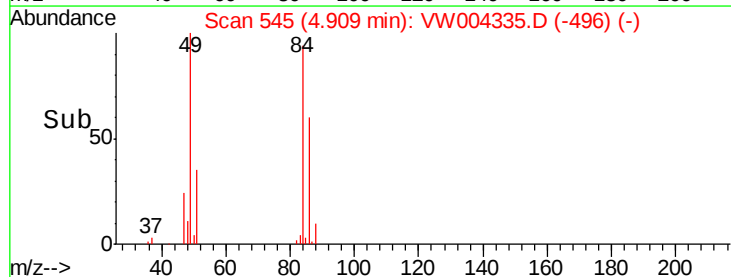
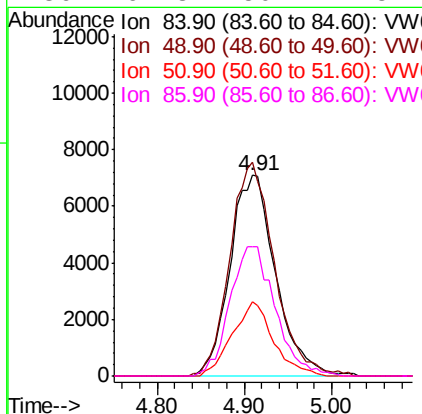
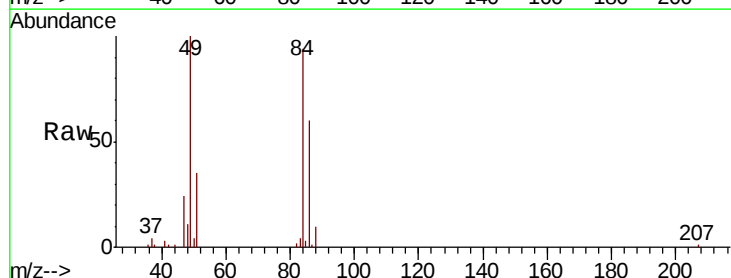
Tot Ion: 73 Resp: 47751
 Ion Ratio Lower Upper
 73 100
 57 20.1 18.4 27.6

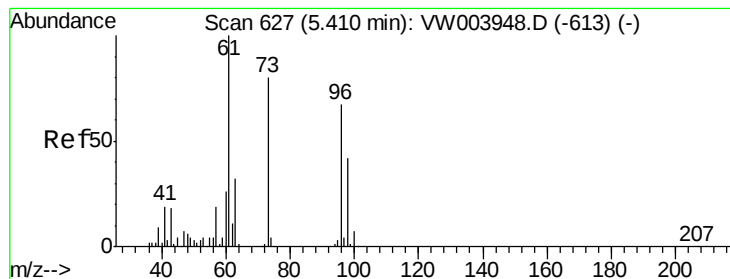


#20

Methylene Chloride
 Concen: 17.751 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 84 Resp: 25617
 Ion Ratio Lower Upper
 84 100
 49 106.4 100.5 150.7
 51 37.0 30.9 46.3
 86 64.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 17.945 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :

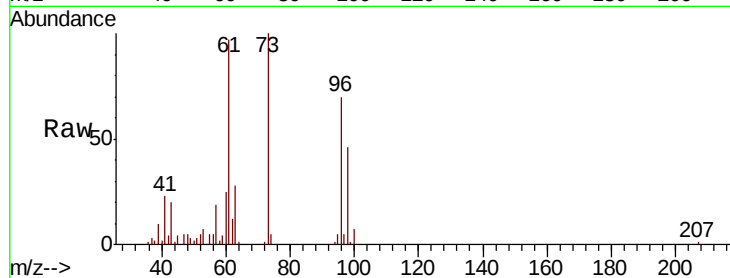
Tot Ion: 96 Resp: 26026

Ion Ratio Lower Upper

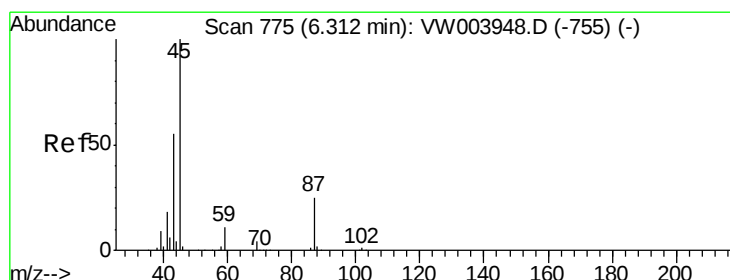
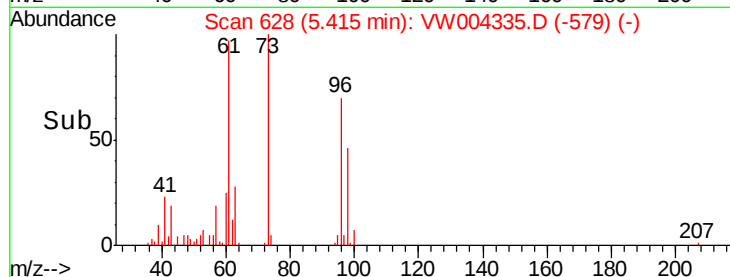
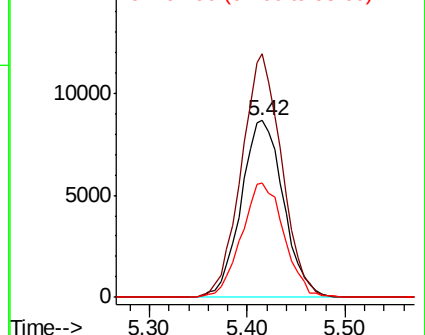
96 100

61 138.0 116.2 174.2

98 64.8 52.9 79.3



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



#22

Diisopropyl ether

Concen: 15.526 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion: 45 Resp: 66495

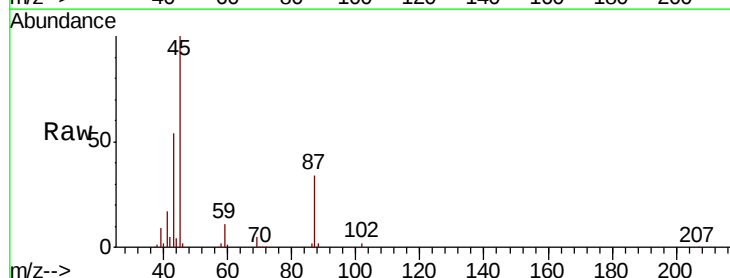
Ion Ratio Lower Upper

45 100

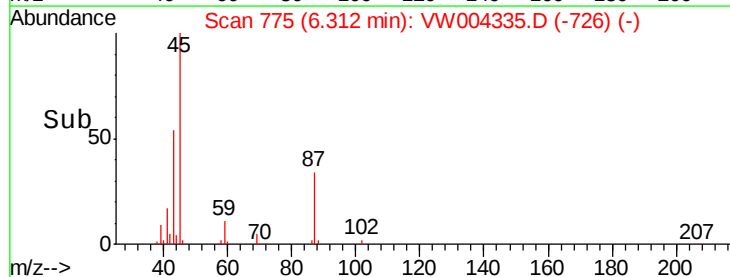
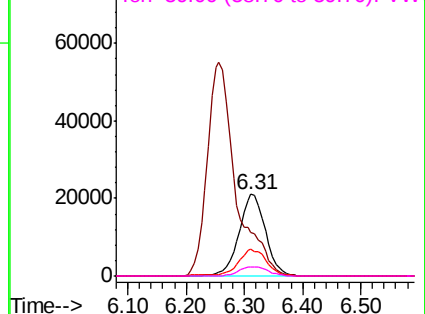
43 53.8 42.3 63.5

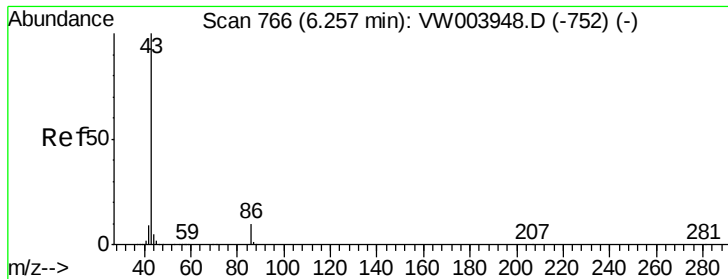
87 33.7 19.9 29.9#

59 10.8 8.7 13.1



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: 75.416 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

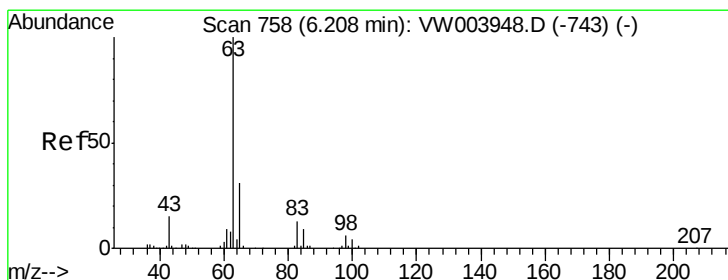
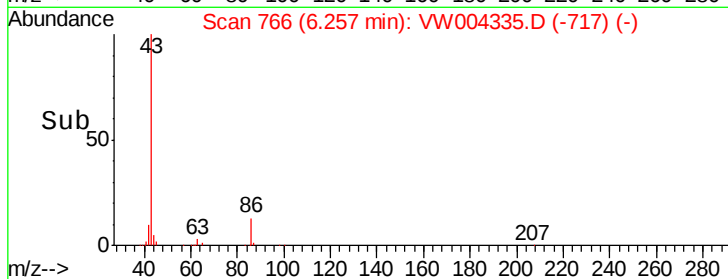
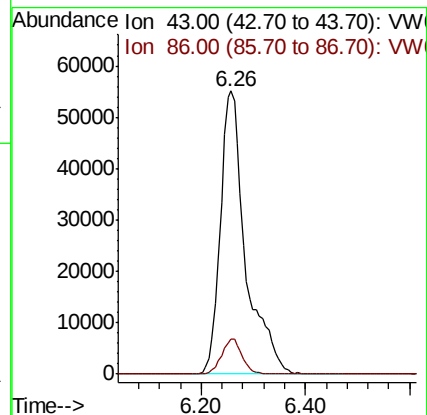
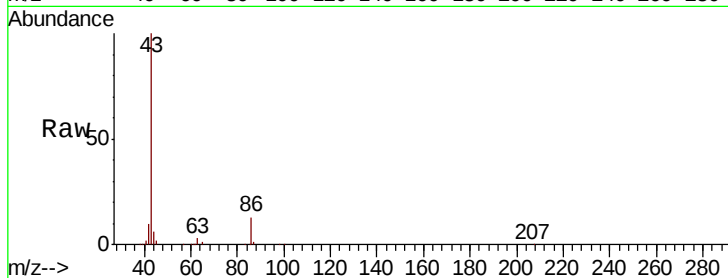
ClientSampleId :

Tot Ion: 43 Resp: 187389

Ion Ratio Lower Upper

43 100

86 12.5 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 16.434 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

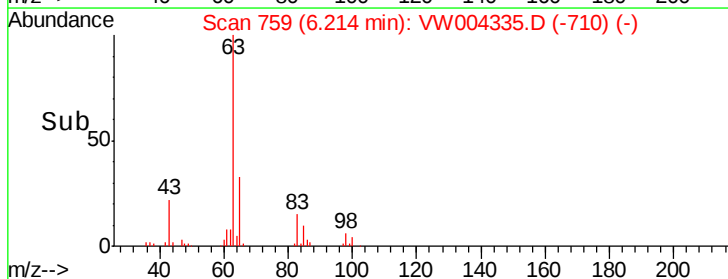
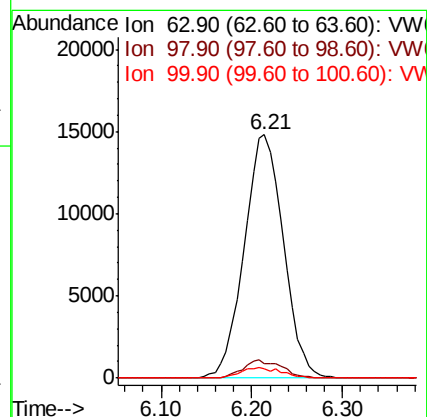
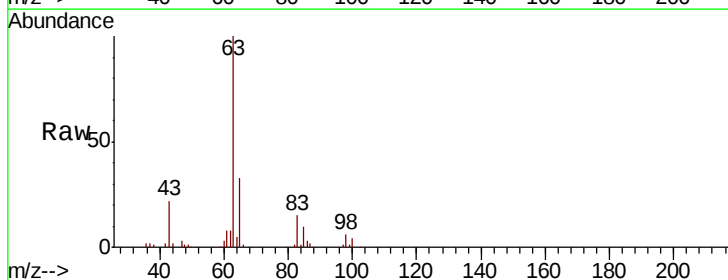
Tgt Ion: 63 Resp: 44344

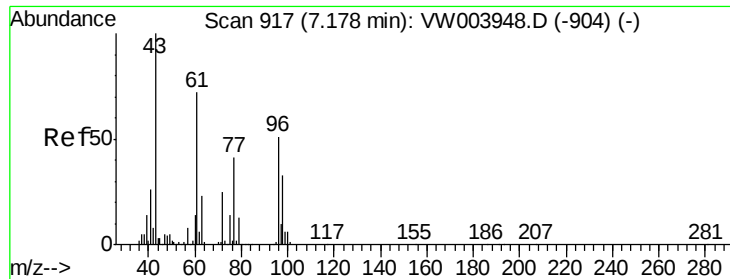
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 79.090 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

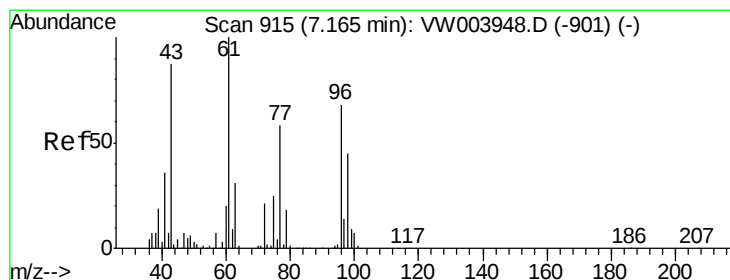
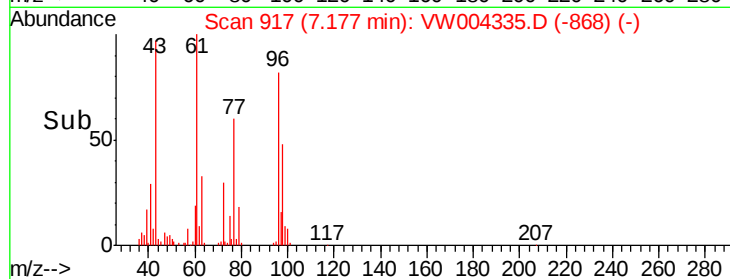
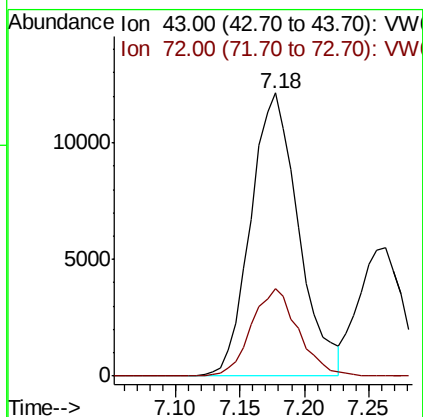
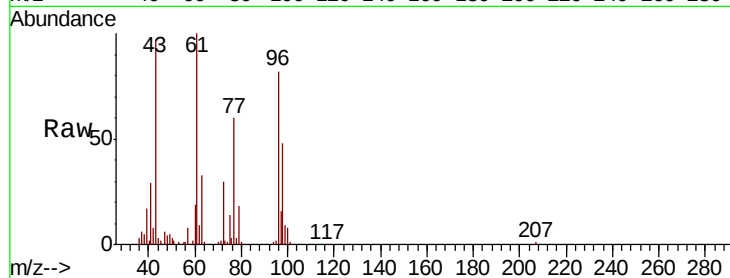
ClientSampled :

Tot Ion: 43 Resp: 31340

Ion Ratio Lower Upper

43 100

72 31.1 20.3 30.5#



#26

2,2-Dichloropropane

Concen: 15.554 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004335.D

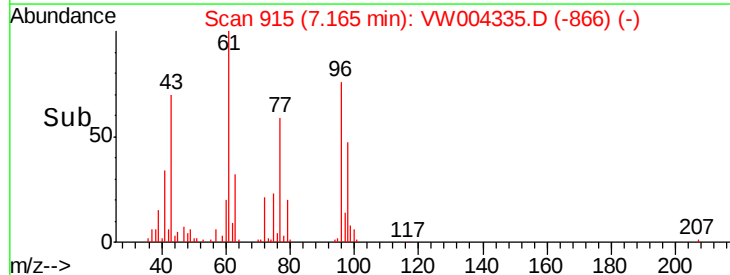
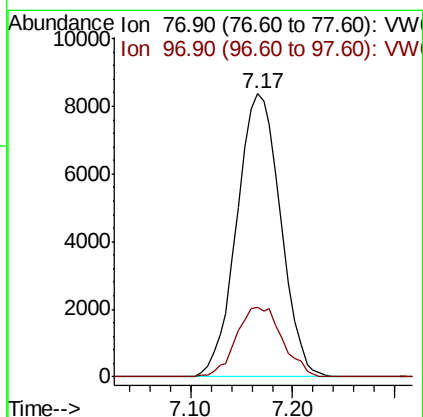
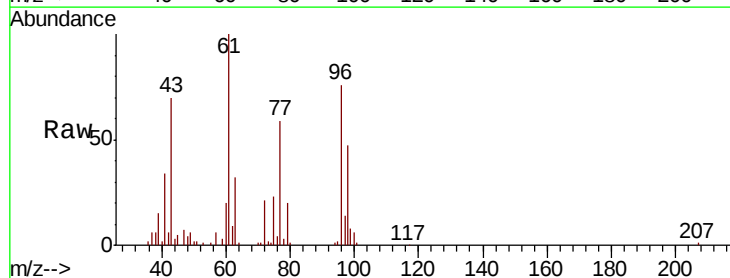
Acq: 30 Jul 2018 02:26

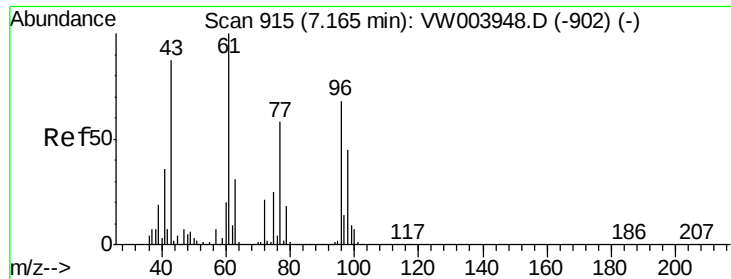
Tgt Ion: 77 Resp: 24890

Ion Ratio Lower Upper

77 100

97 25.9 11.7 35.1



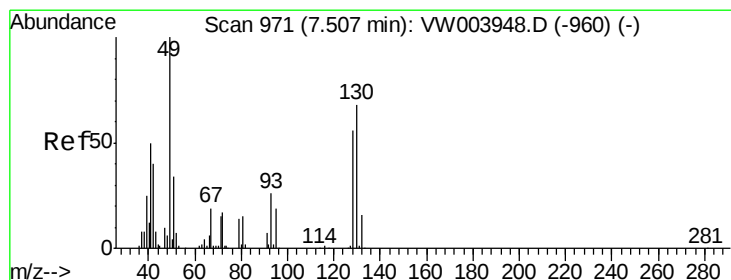
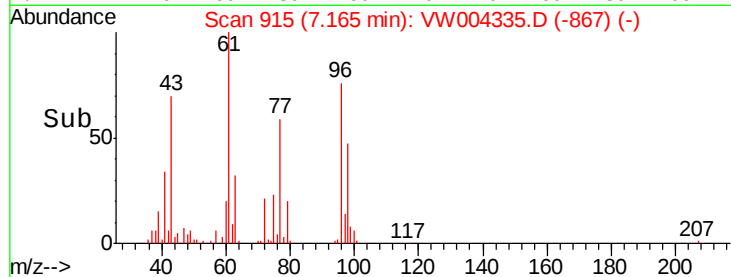
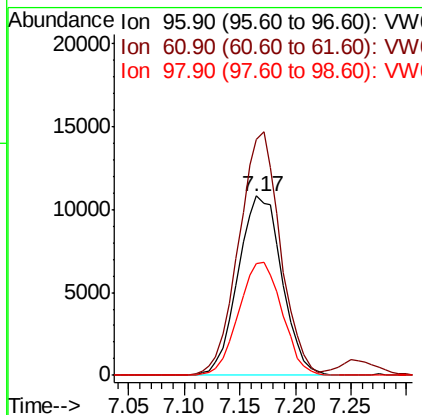
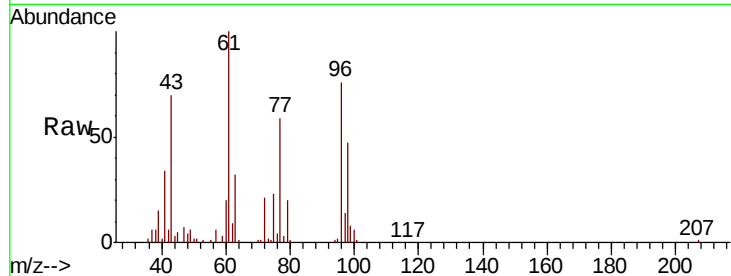


#27

cis-1,2-Dichloroethene
 Concen: 19.266 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

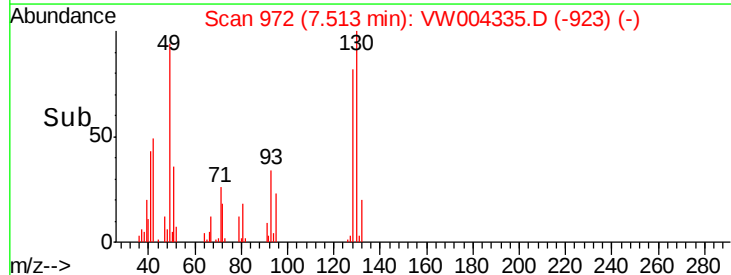
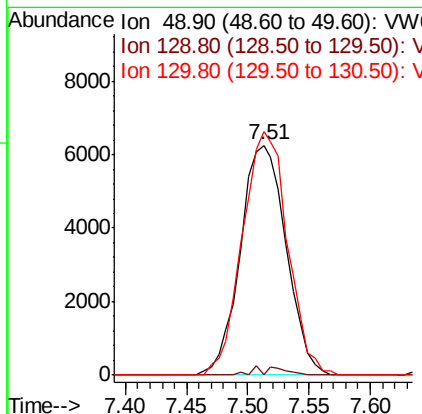
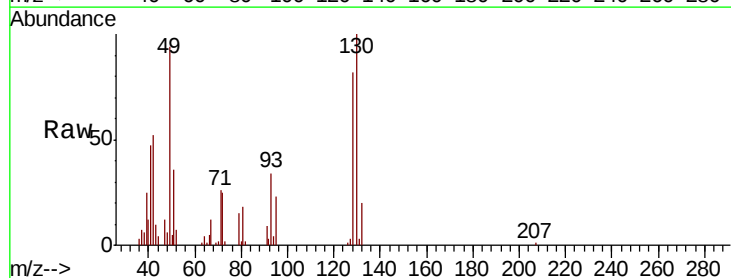
Tot Ion: 96 Resp: 29598
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 292.0
 98 62.5 0.0 129.6

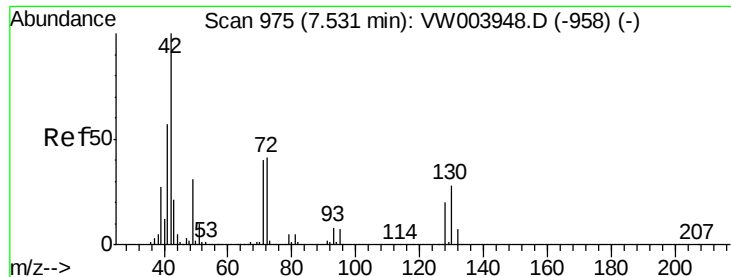


#28

Bromochloromethane
 Concen: 16.831 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 49 Resp: 16270
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 104.7 61.5 92.3#

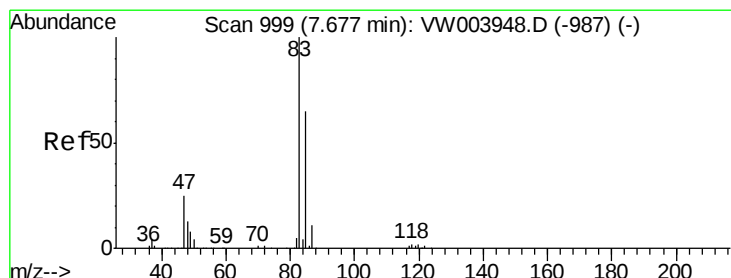
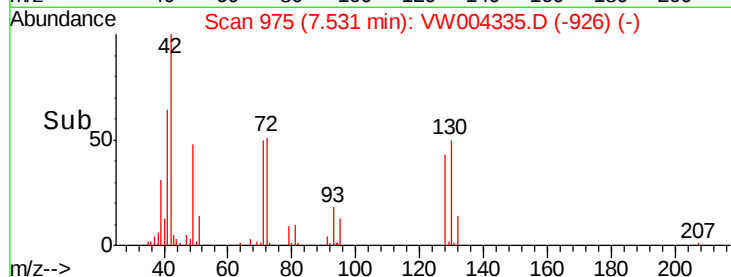
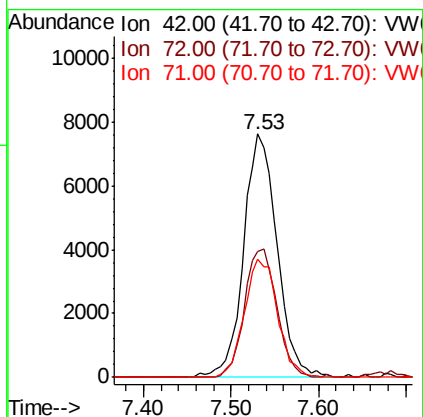
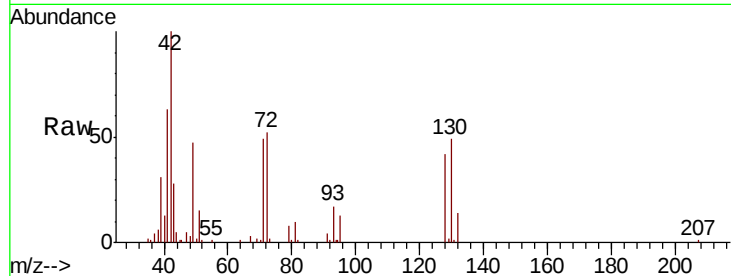




#29
Tetrahydrofuran
Concen: 75.989 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

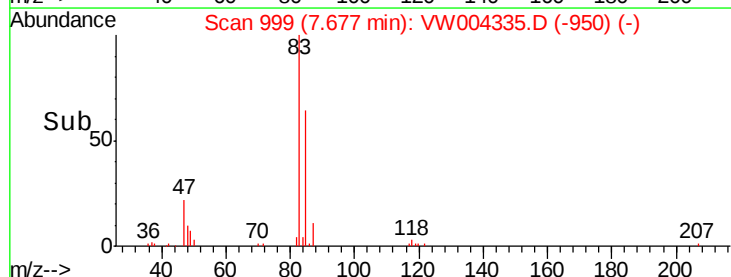
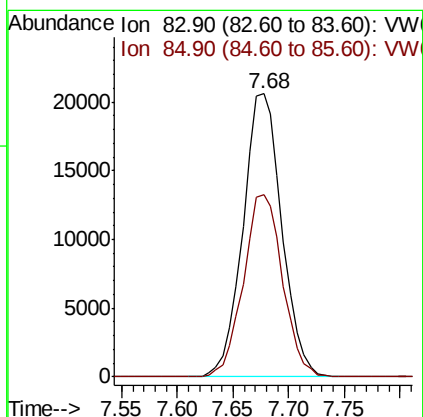
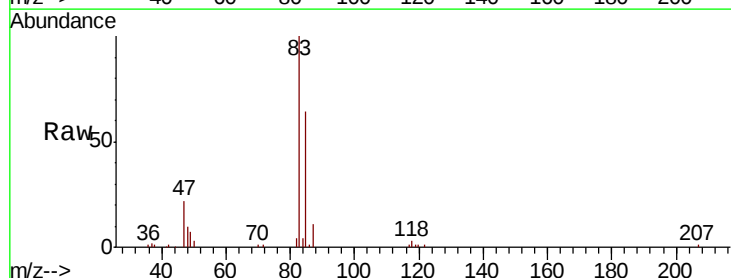
Instrument :
MSVOA_W
ClientSampled :

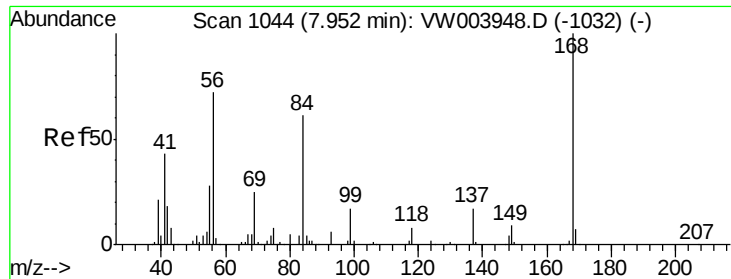
Tot Ion: 42 Resp: 20269
Ion Ratio Lower Upper
42 100
72 50.8 32.6 48.8#
71 48.2 31.3 46.9#



#30
Chloroform
Concen: 18.954 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 83 Resp: 49937
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

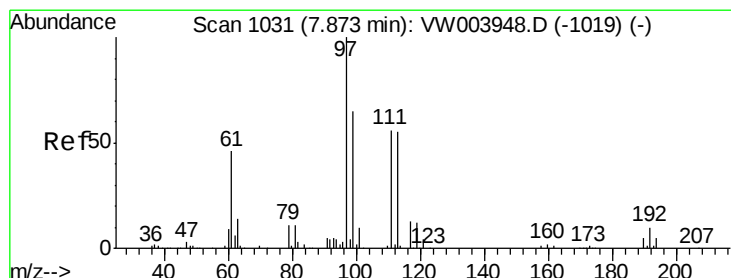
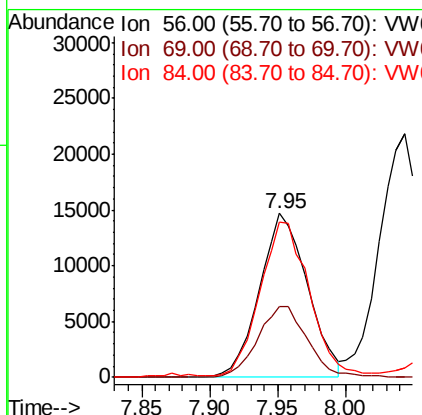
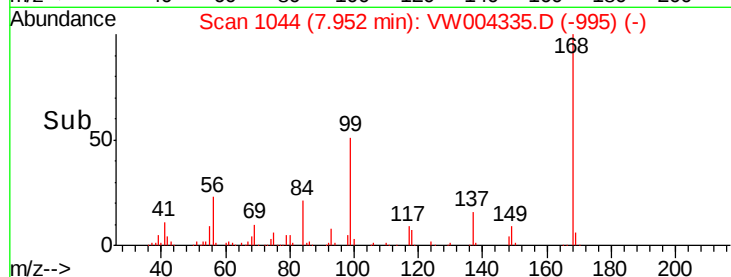
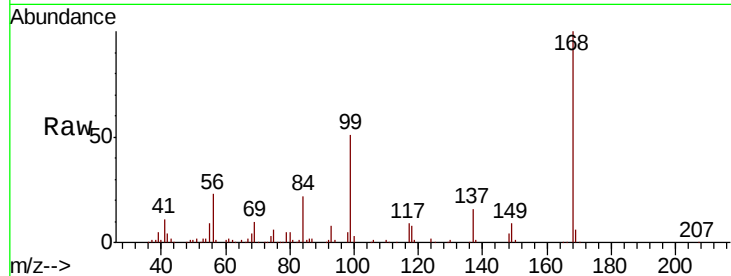




#31
Cyclohexane
Concen: 14.872 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

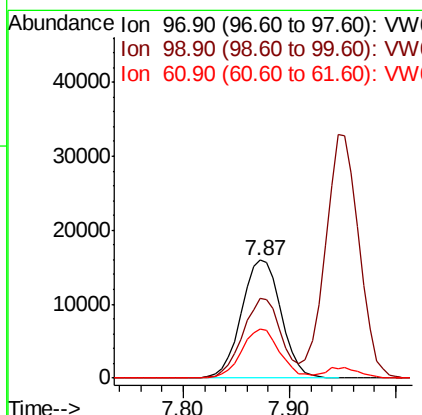
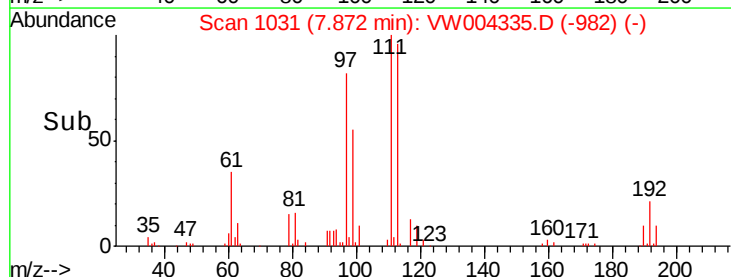
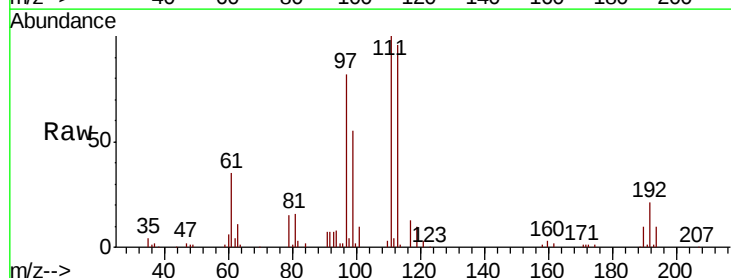
Instrument :
MSVOA_W
ClientSampled :

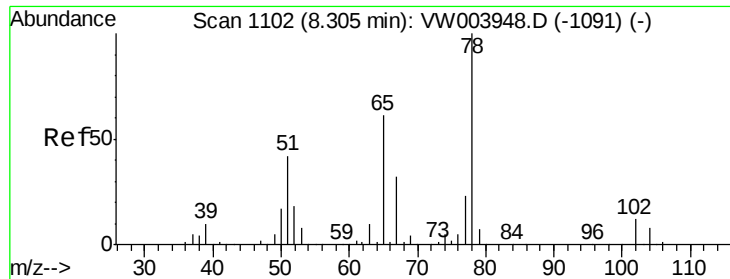
Tot Ion: 56 Resp: 36223
Ion Ratio Lower Upper
56 100
69 42.9 26.3 39.5#
84 93.2 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 19.240 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 97 Resp: 41631
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 40.4 34.8 52.2

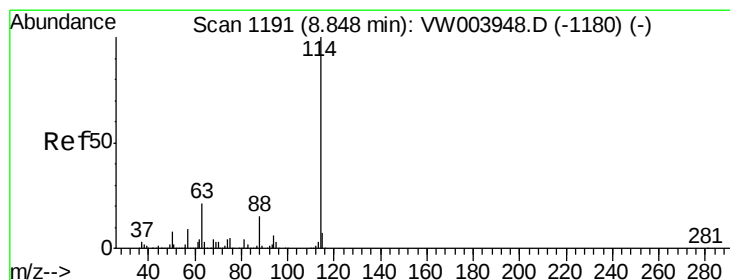
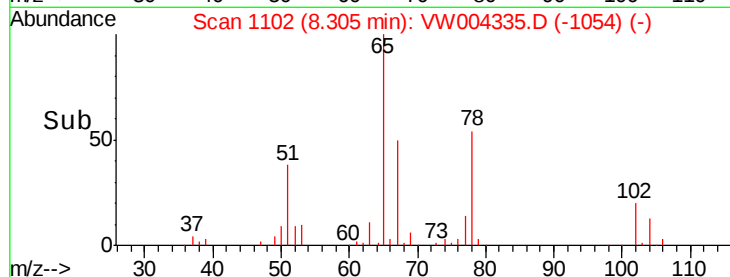
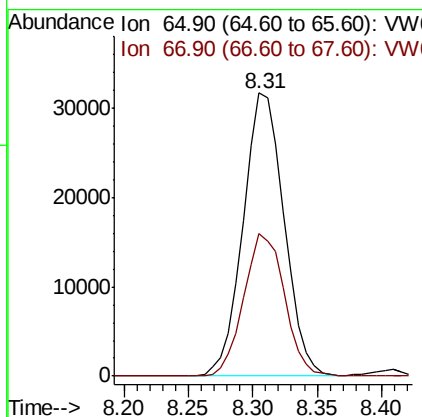
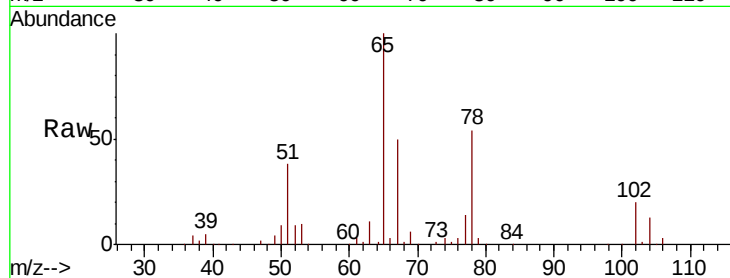




#33
 1,2-Dichloroethane-d4
 Concen: 48.939 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

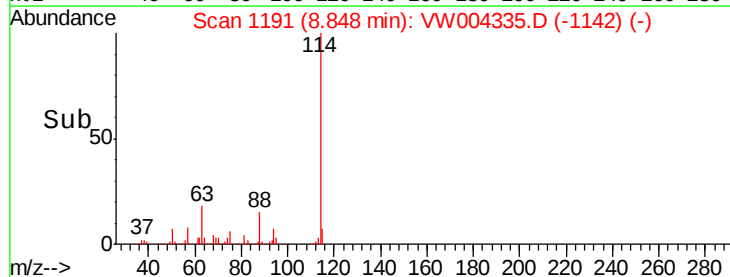
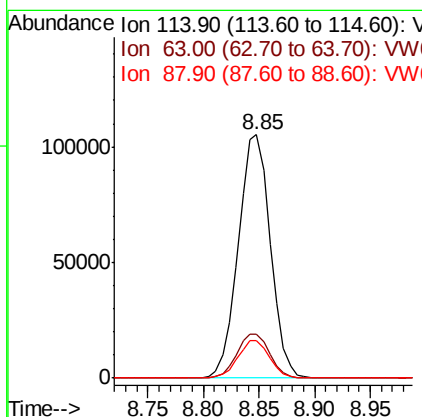
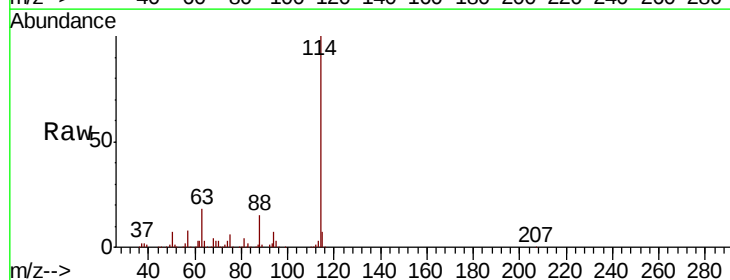
Instrument :
 MSVOA_W
 ClientSampleId :

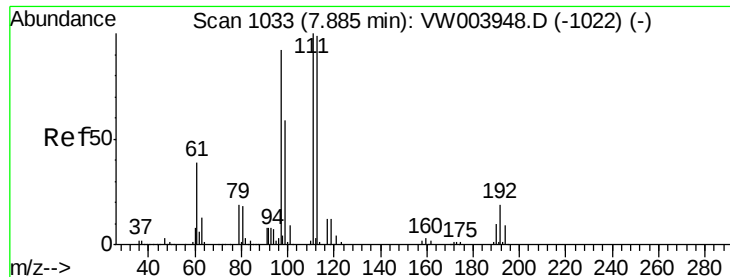
Tot Ion: 65 Resp: 69825
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 114 Resp: 210032
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 41.4
 88 15.3 0.0 30.6

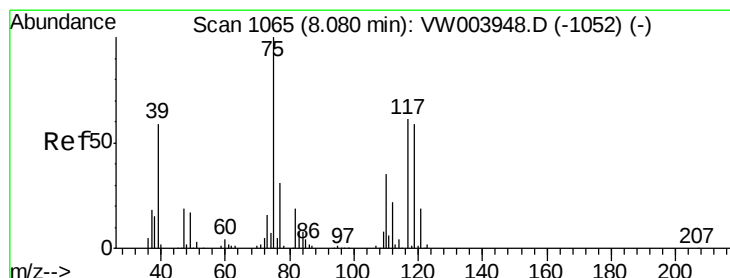
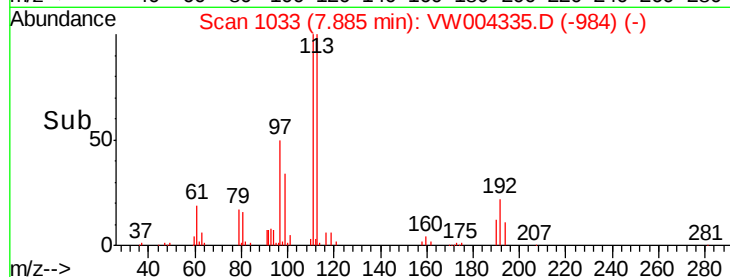
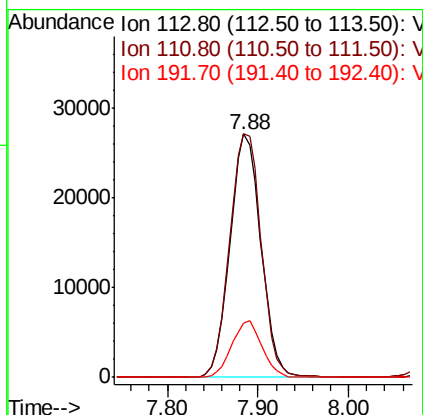
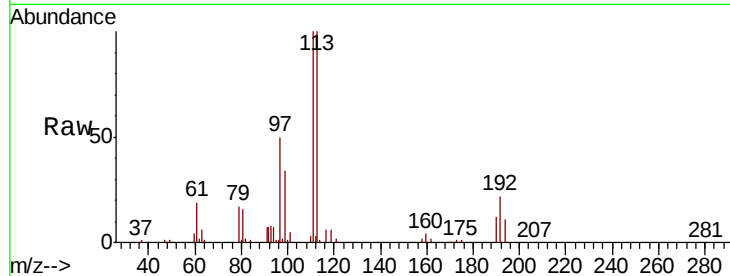




#35
 Dibromofluoromethane
 Concen: 48.349 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

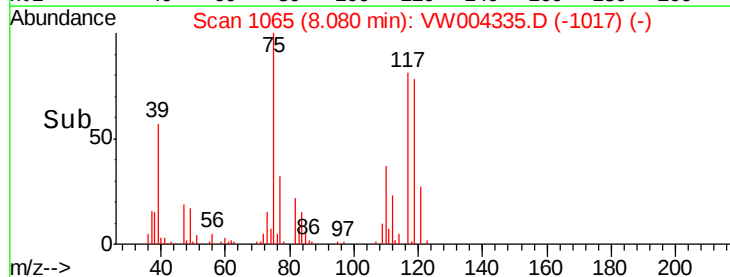
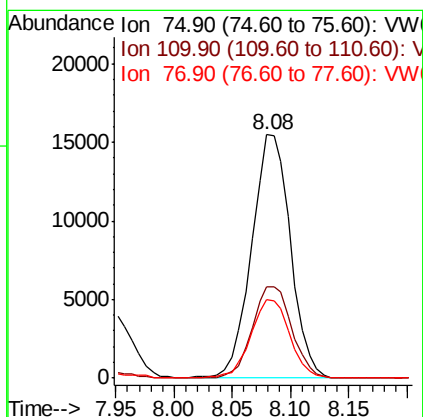
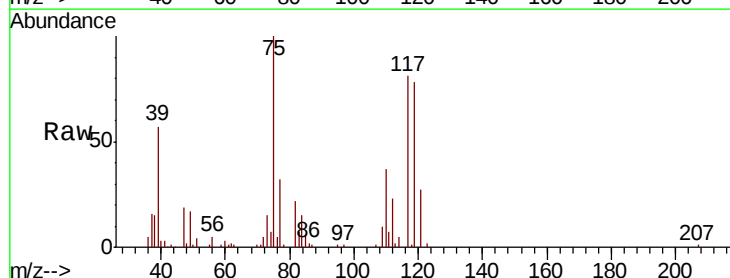
Instrument :
 MSVOA_W
 ClientSampleId :

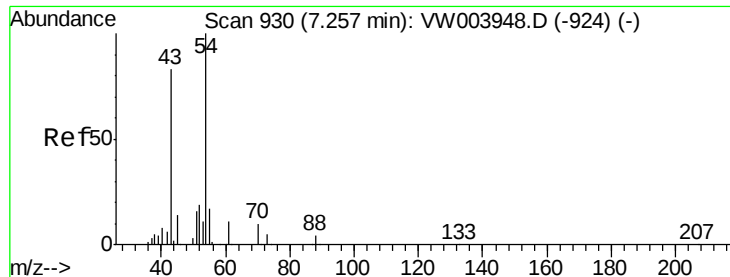
Tot Ion:113 Resp: 64175
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 22.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 17.131 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 75 Resp: 35995
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.3 52.0
 77 32.3 25.0 37.6

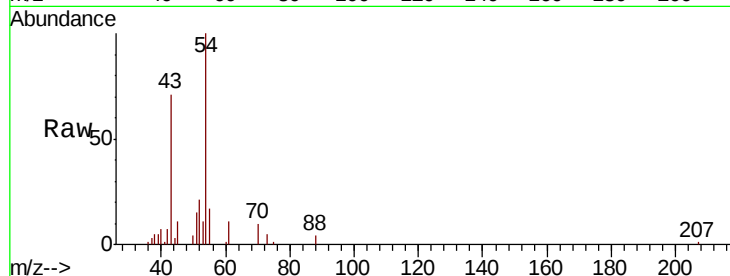




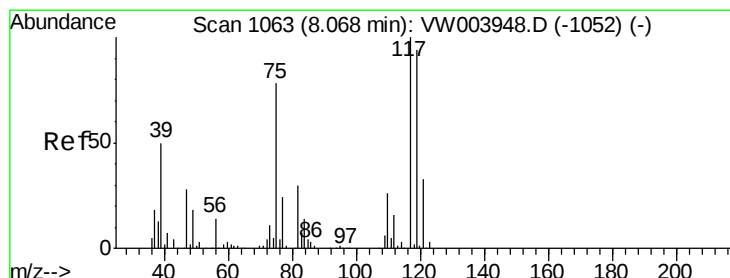
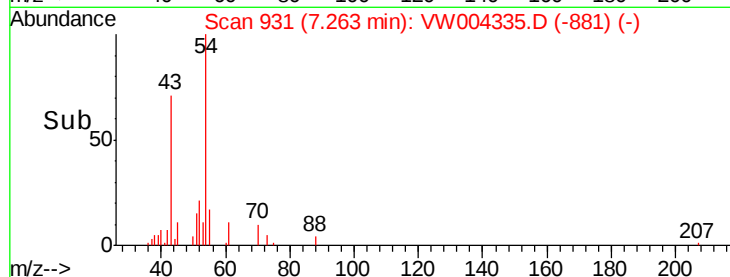
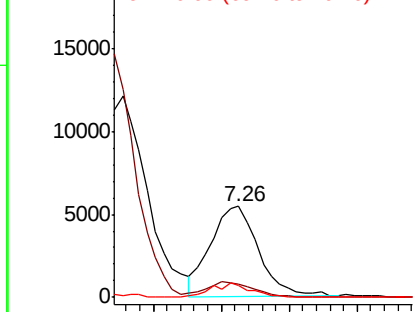
#37
Ethyl Acetate
Concen: 15.506 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 13351
Ion Ratio Lower Upper
43 100
61 16.4 11.1 16.7
70 13.2 7.8 11.6#

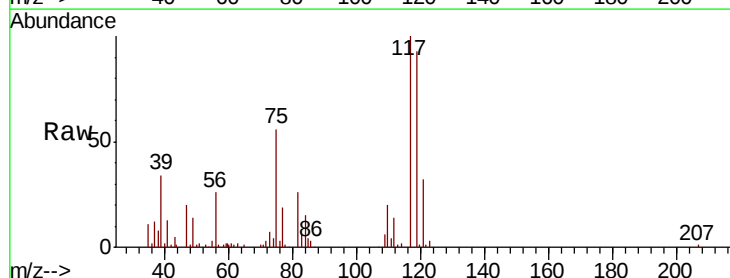


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

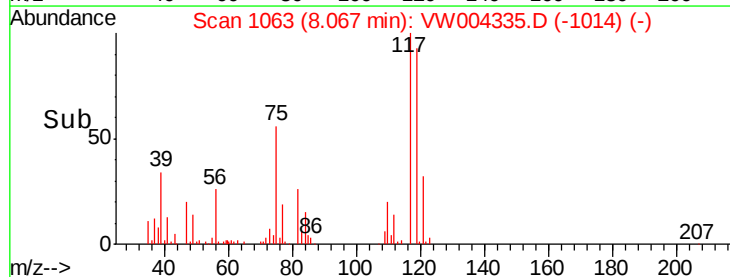
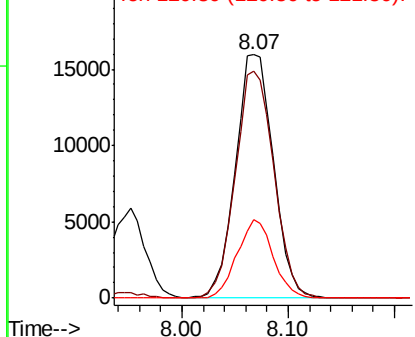


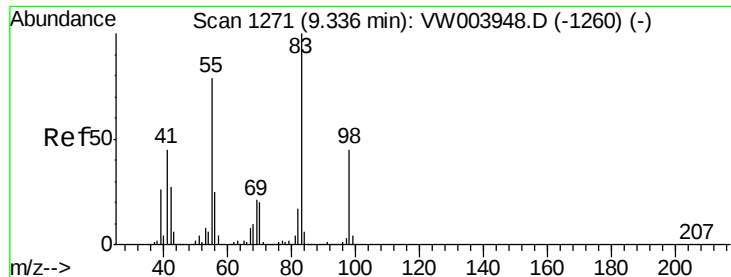
#38
Carbon Tetrachloride
Concen: 19.301 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 117 Resp: 40044
Ion Ratio Lower Upper
117 100
119 93.3 79.7 119.5
121 32.3 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

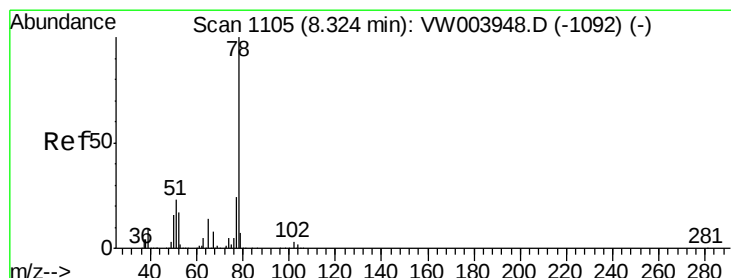
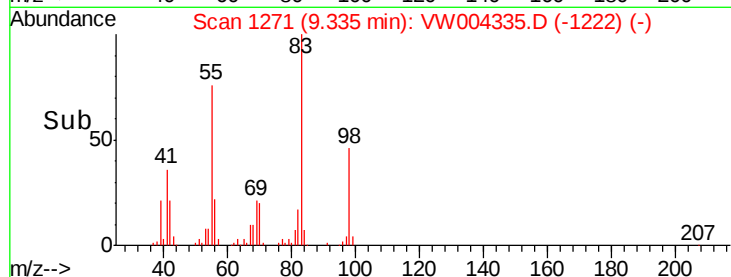
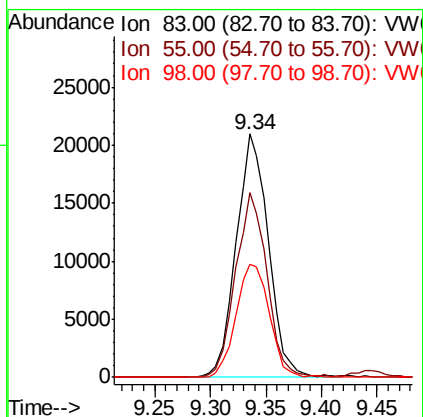
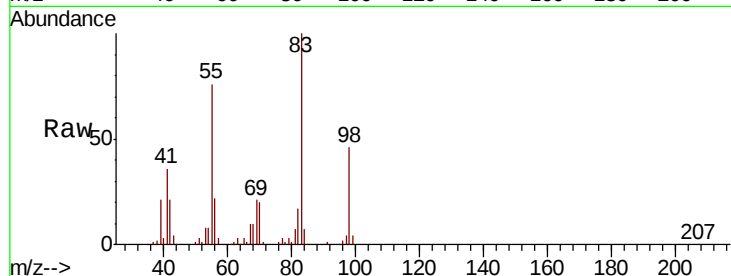




#39
Methvlcvclohexane
Concen: 16.601 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

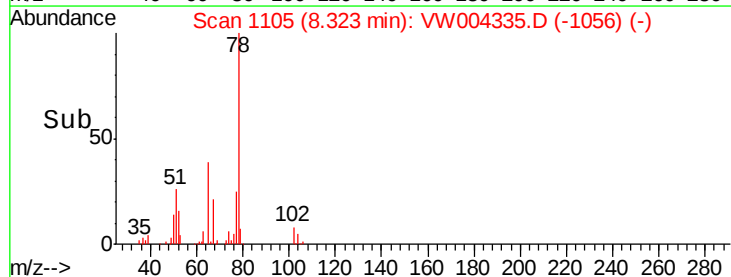
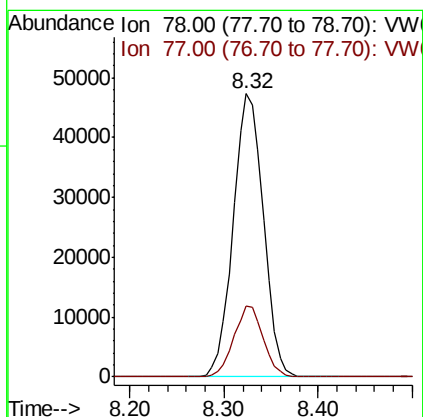
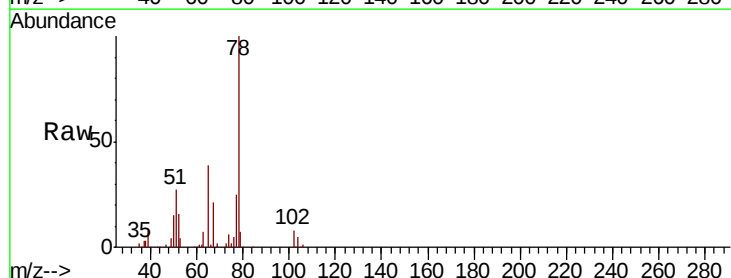
Instrument :
MSVOA_W
ClientSampled :

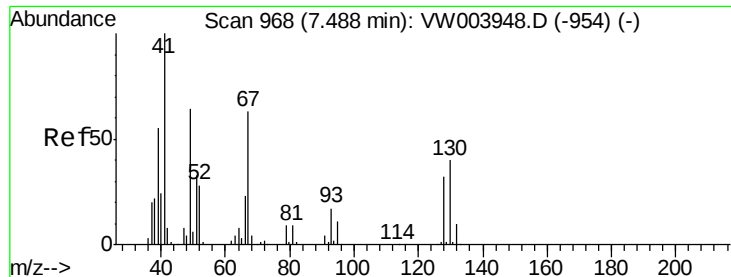
Tot Ion	83	Resp	42033
Ion Ratio	Lower	Upper	
83	100		
55	75.9	64.3	96.5
98	46.4	36.3	54.5



#40
Benzene
Concen: 17.863 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion	78	Resp	105586
Ion Ratio	Lower	Upper	
78	100		
77	24.9	19.4	29.0

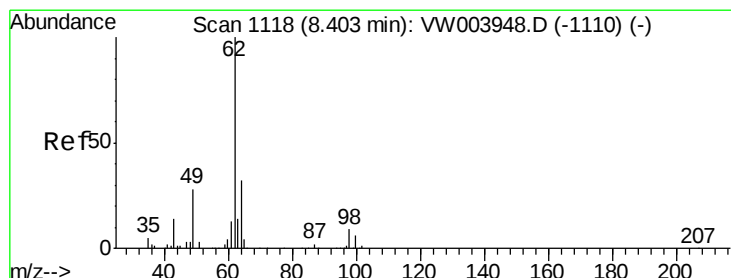
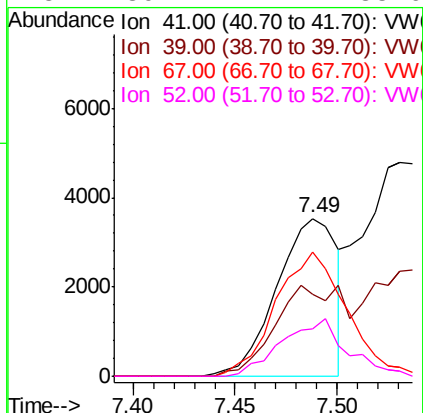
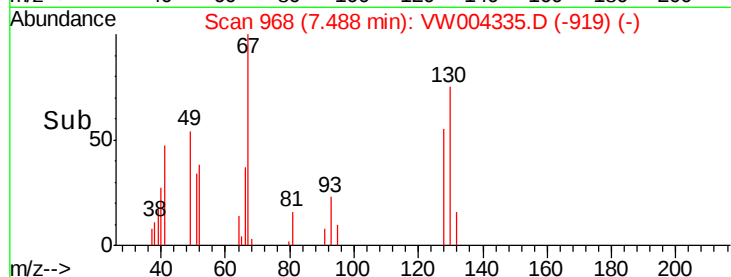
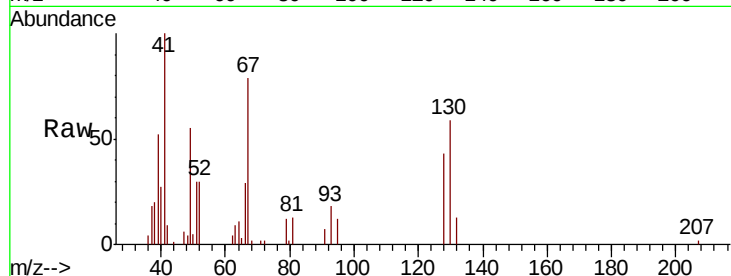




#41
Methacrylonitrile
Concen: 14.457 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

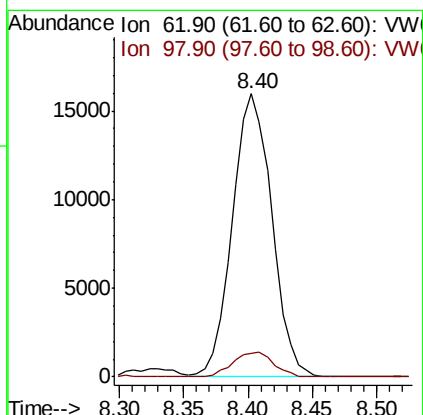
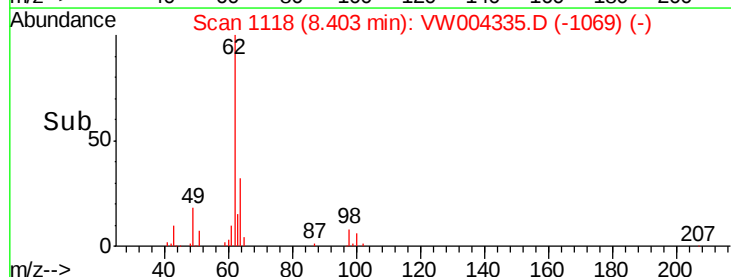
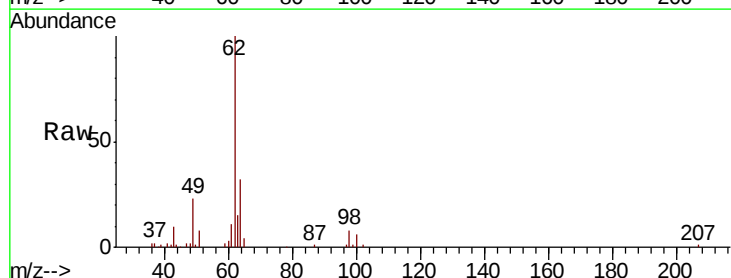
Instrument :
MSVOA_W
ClientSampled :

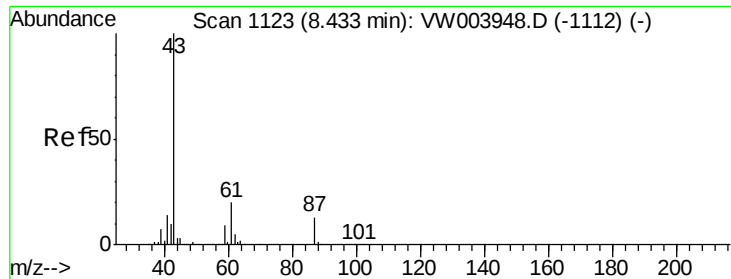
Tot Ion: 41 Resp: 7283
Ion Ratio Lower Upper
41 100
39 65.6 41.2 61.8#
67 92.1 53.4 80.0#
52 39.4 22.4 33.6#



#42
1,2-Dichloroethane
Concen: 20.098 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 62 Resp: 33963
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4

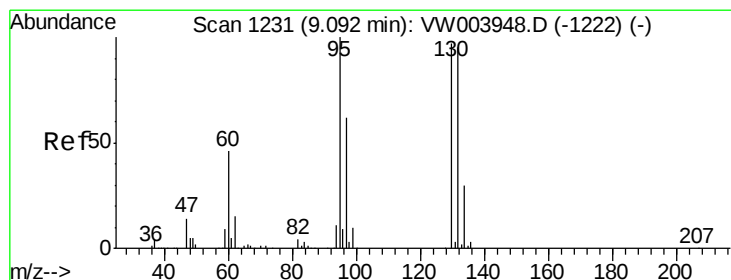
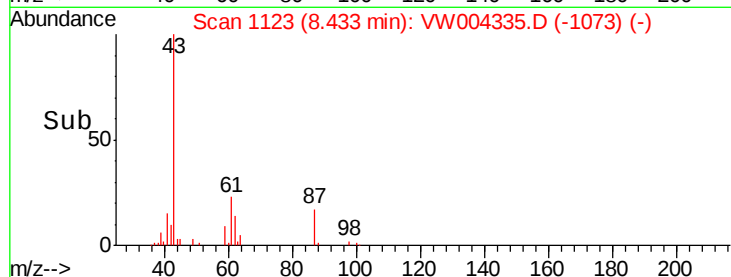
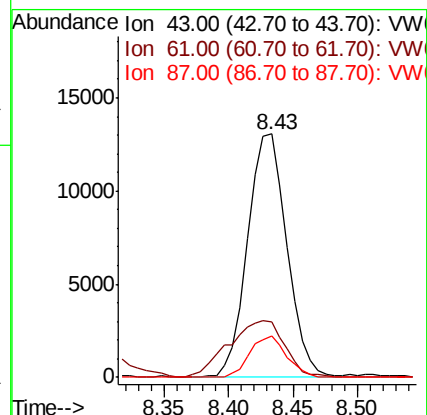
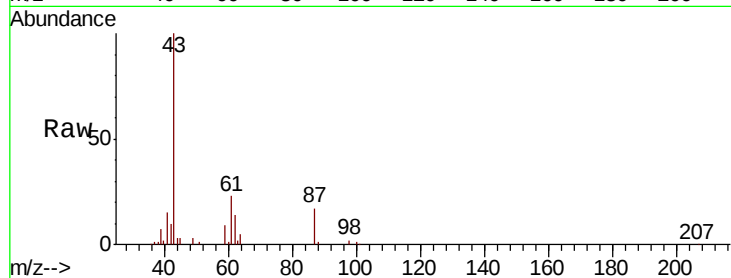




#43
Isopropyl Acetate
Concen: 17.823 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

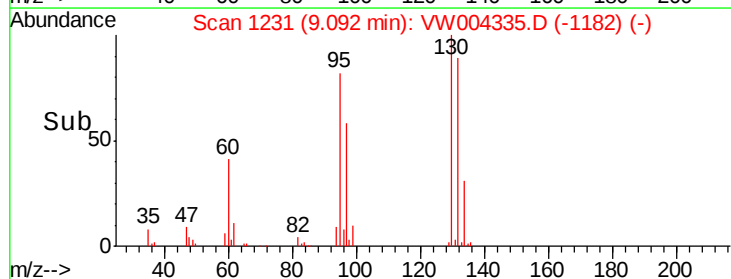
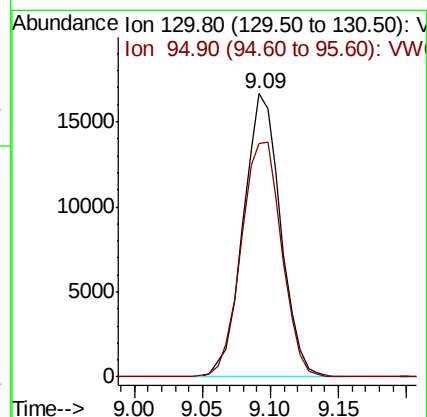
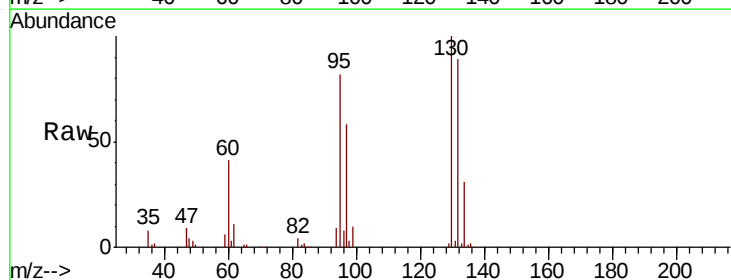
Instrument :
MSVOA_W
ClientSampleId :

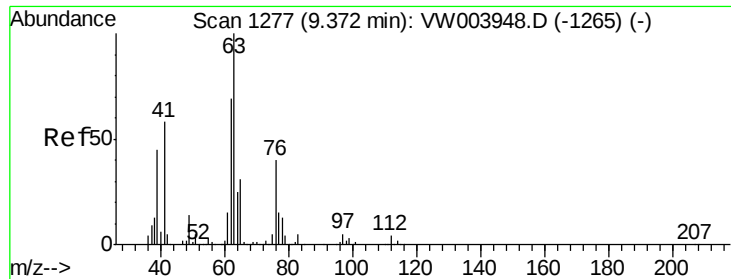
Tot Ion: 43 Resp: 27658
Ion Ratio Lower Upper
43 100
61 33.1 24.5 36.7
87 15.8 10.4 15.6#



#44
Trichloroethene
Concen: 20.029 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:130 Resp: 31962
Ion Ratio Lower Upper
130 100
95 82.4 0.0 199.4

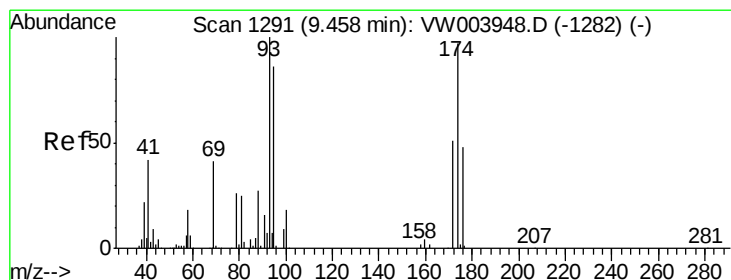
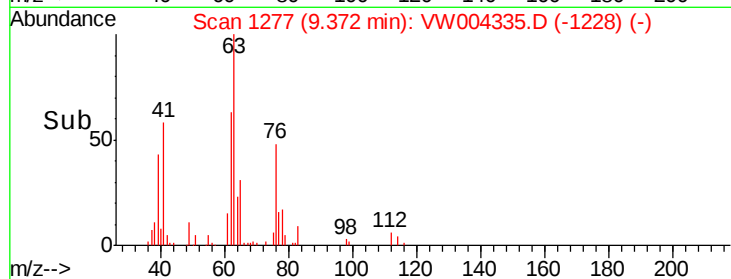
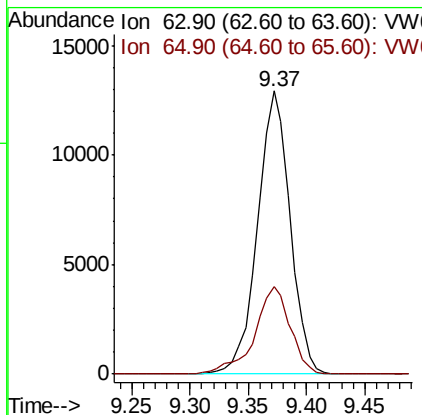
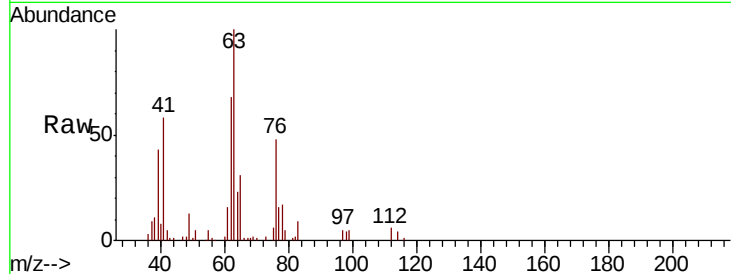




#45
 1,2-Dichloropropane
 Concen: 17.135 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

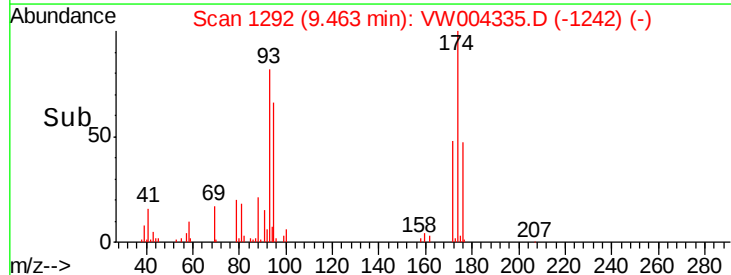
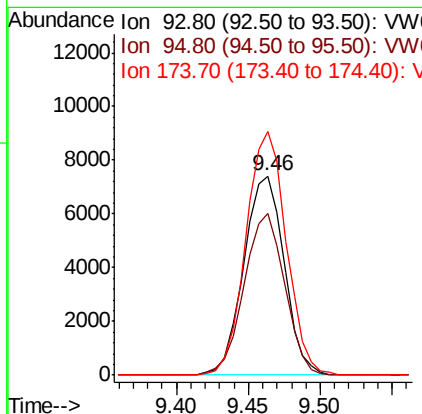
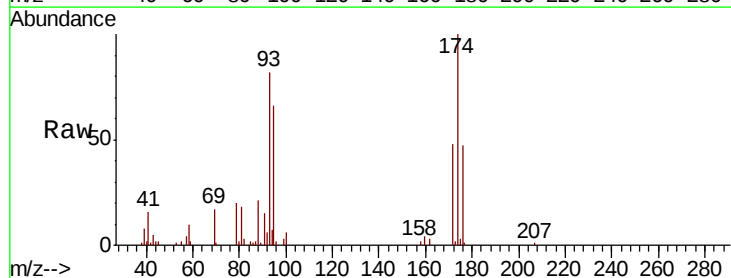
Instrument :
 MSVOA_W
 ClientSampleId :

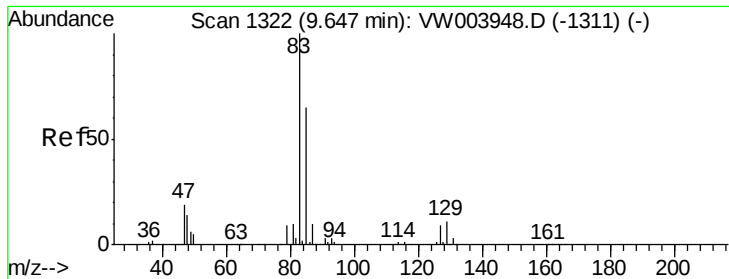
Tot Ion: 63 Resp: 25133
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 19.141 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 93 Resp: 14336
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.8 98.8
 174 122.3 83.7 125.5





#47

Bromodichloromethane

Concen: 19.218 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

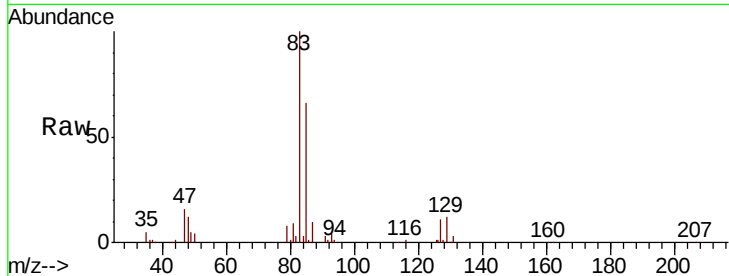
Tot Ion: 83 Resp: 36508

Ion Ratio Lower Upper

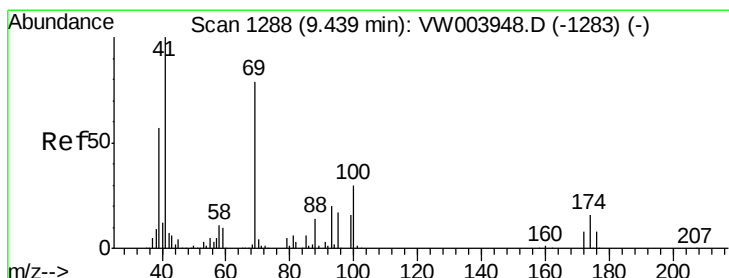
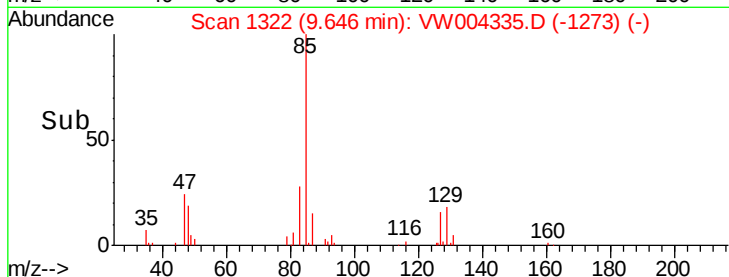
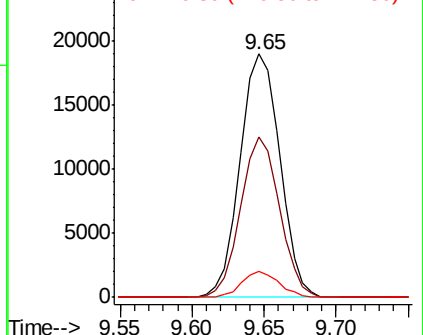
83 100

85 66.1 51.3 76.9

127 10.5 6.6 9.8#



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: 16.774 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

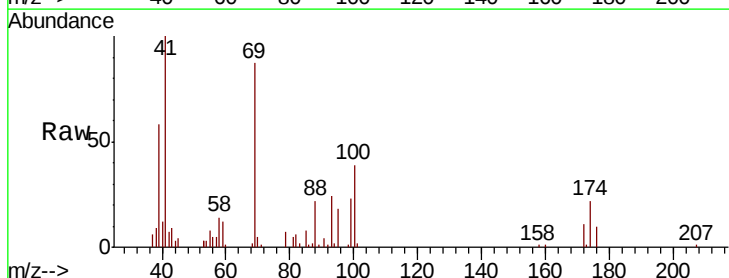
Tgt Ion: 41 Resp: 13257

Ion Ratio Lower Upper

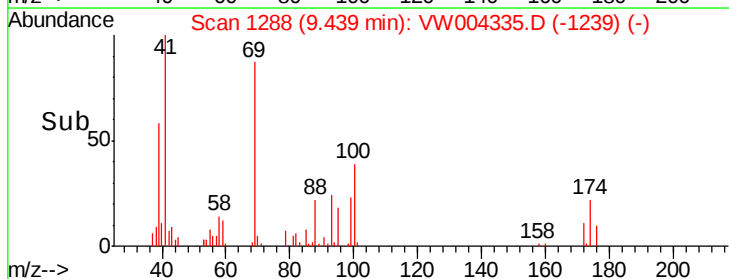
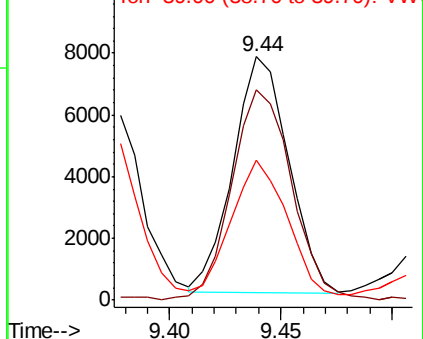
41 100

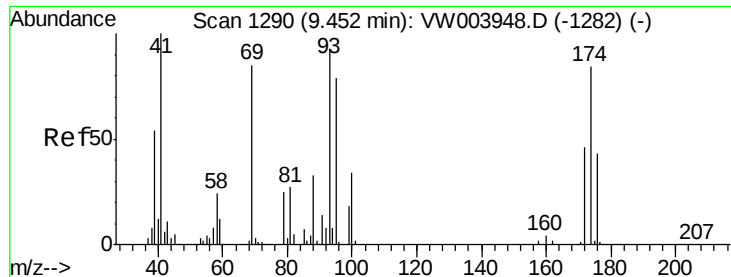
69 96.5 69.7 104.5

39 61.6 41.8 62.8



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

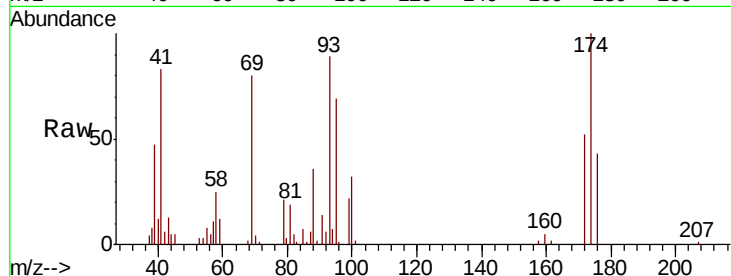




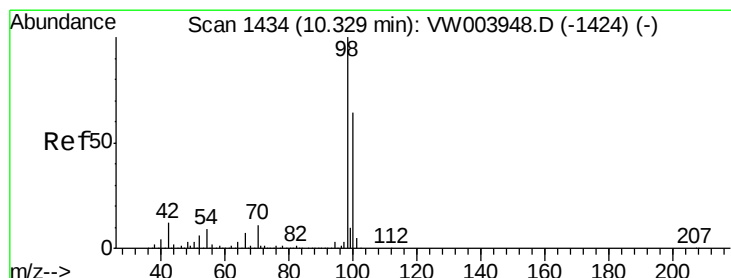
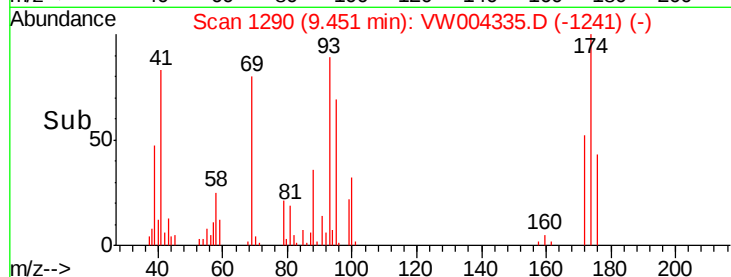
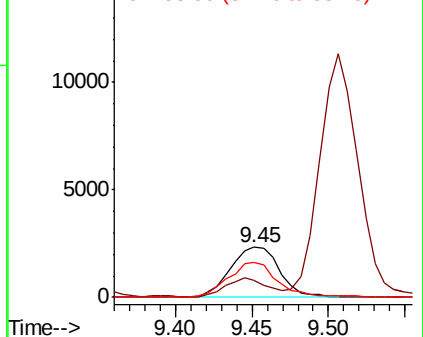
#49
1,4-Dioxane
Concen: 456.138 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 5179
Ion Ratio Lower Upper
88 100
43 33.3 28.3 42.5
58 70.8 60.2 90.4

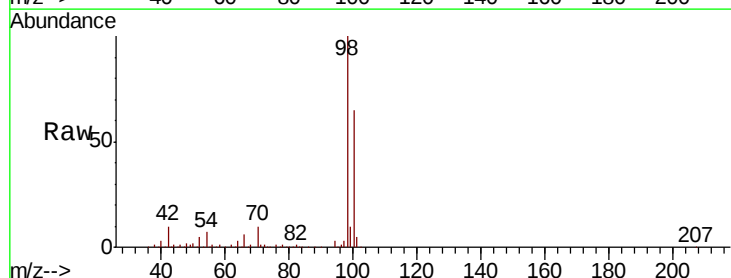


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

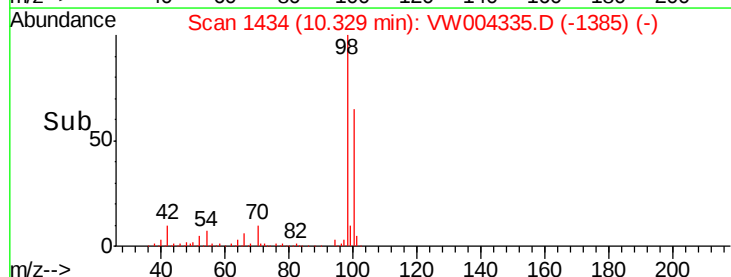
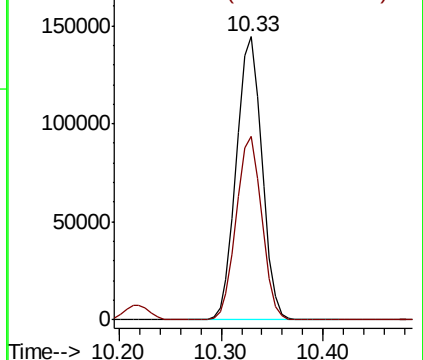


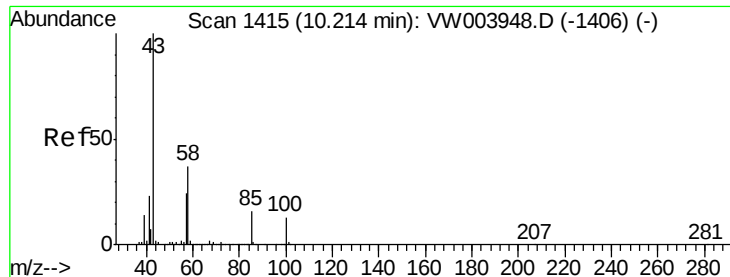
#50
Toluene-d8
Concen: 47.736 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 98 Resp: 250410
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



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: 82.025 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

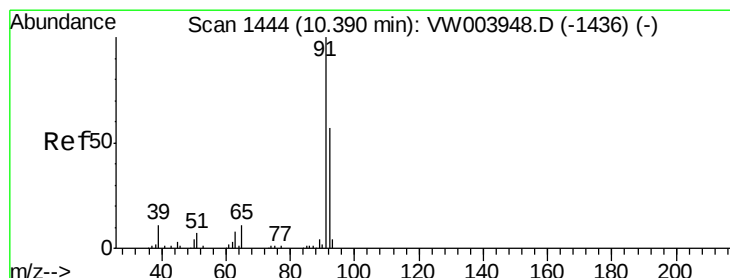
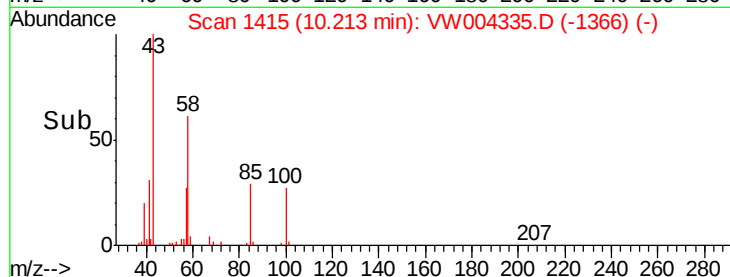
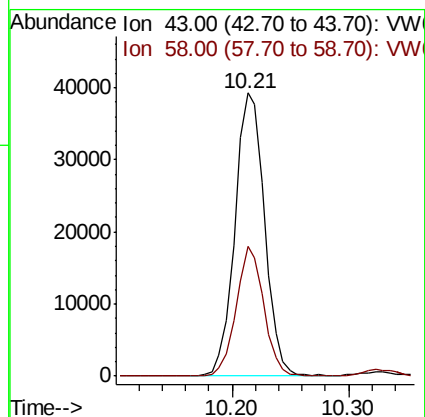
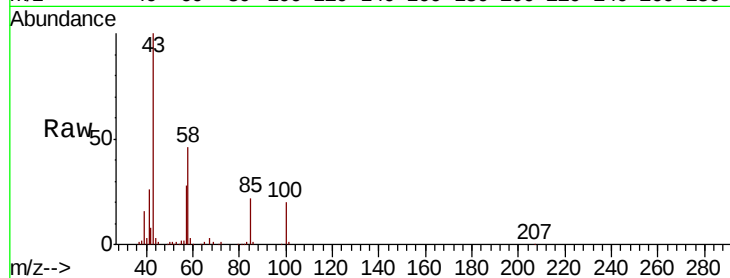
ClientSampleId :

Tot Ion: 43 Resp: 69857

Ion Ratio Lower Upper

43 100

58 42.5 30.6 45.8



#52

Toluene

Concen: 18.918 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004335.D

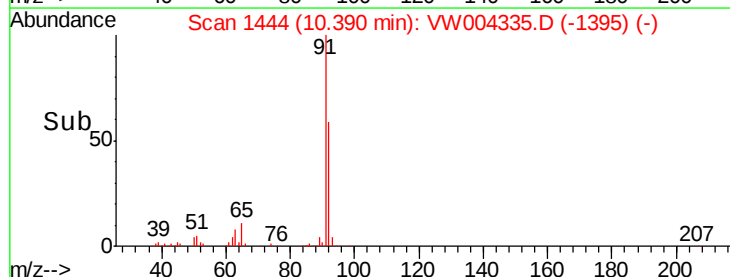
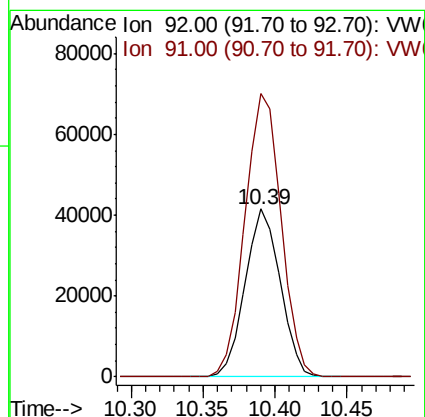
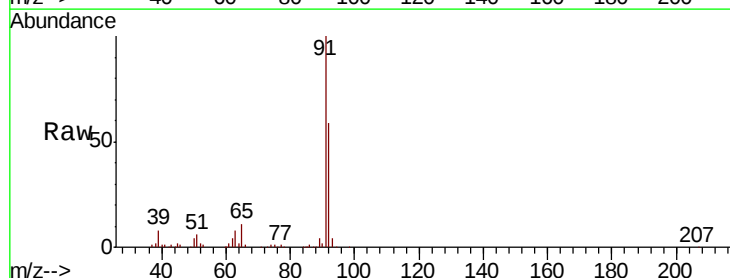
Acq: 30 Jul 2018 02:26

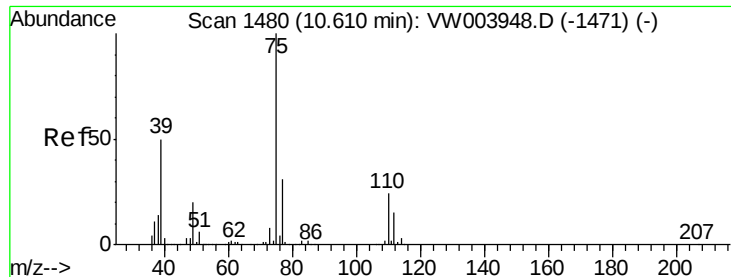
Tgt Ion: 92 Resp: 70206

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 18.272 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

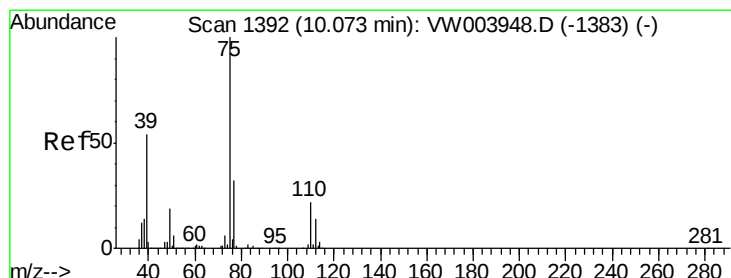
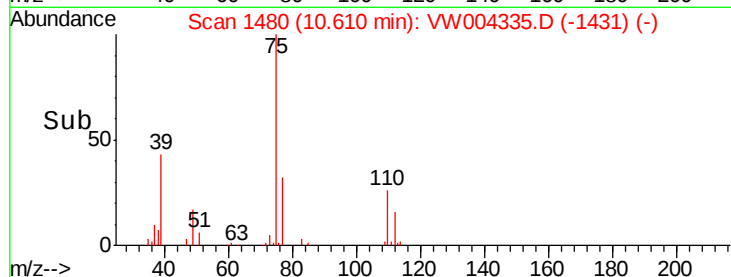
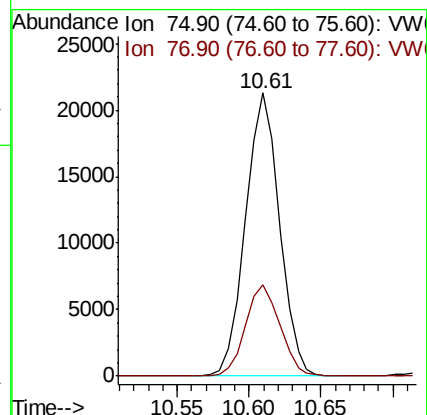
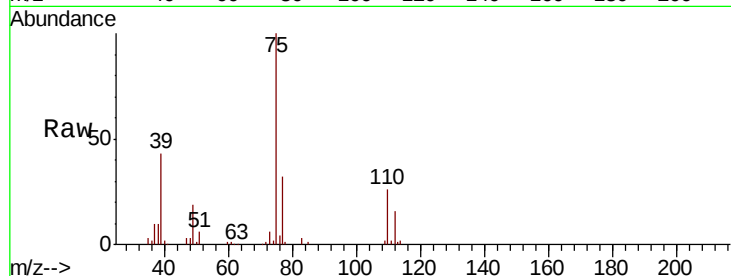
ClientSampleId :

Tot Ion: 75 Resp: 34765

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.734 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

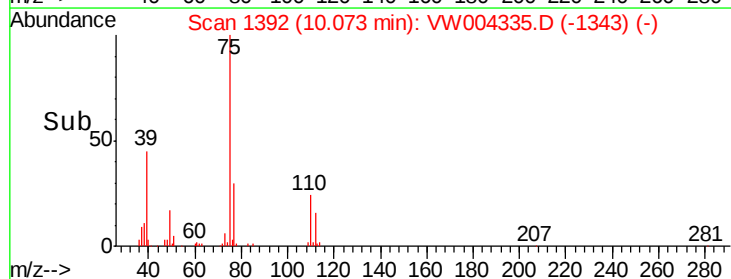
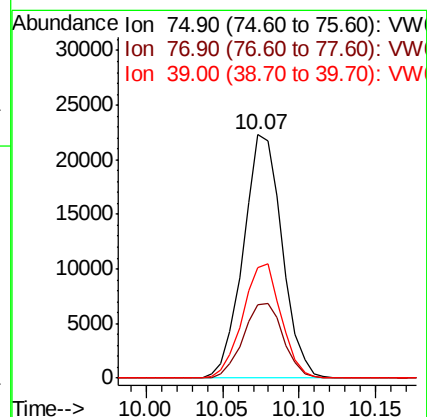
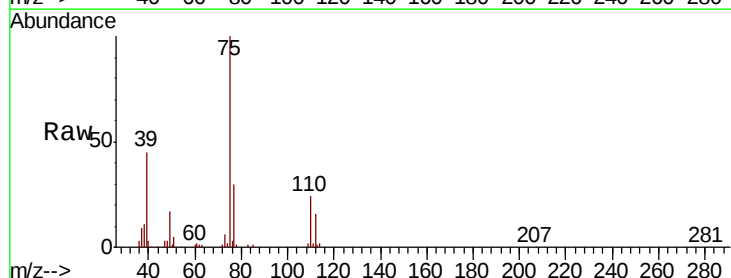
Tgt Ion: 75 Resp: 39337

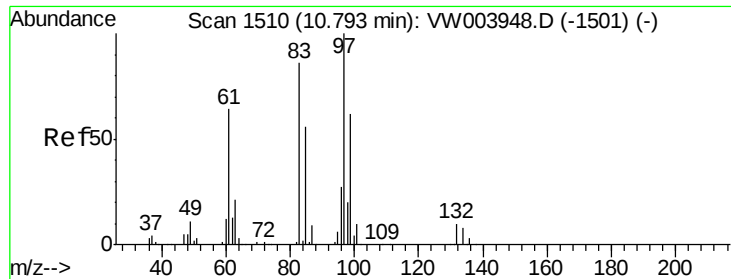
Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4

39 45.3 39.0 58.6



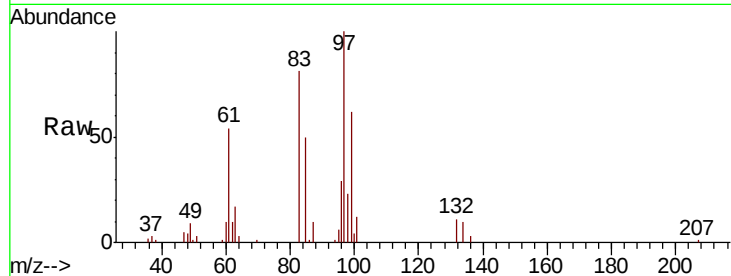


#55
 1,1,2-Trichloroethane
 Concen: 19.559 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 20872

Ion	Ratio	Lower	Upper
97	100		
83	81.4	70.8	106.2
85	49.9	43.7	65.5
99	61.8	45.1	67.7



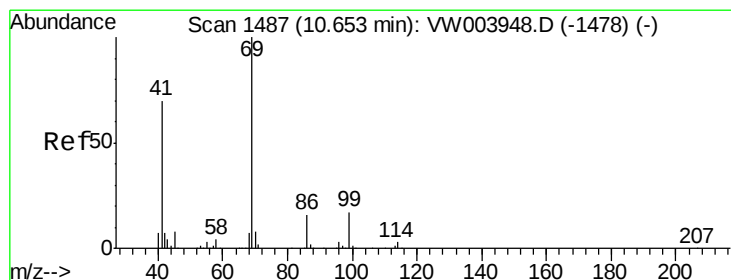
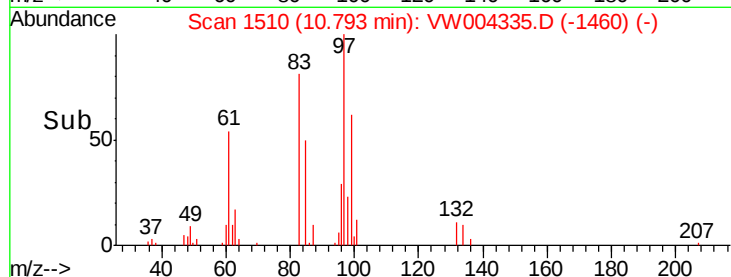
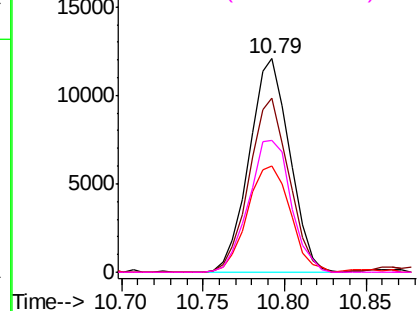
Abundance

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

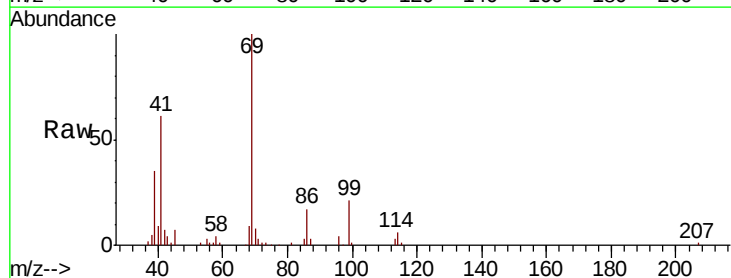
Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.442 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 69 Resp: 25107

Ion	Ratio	Lower	Upper
69	100		
41	59.2	54.7	82.1
39	31.5	24.4	36.6

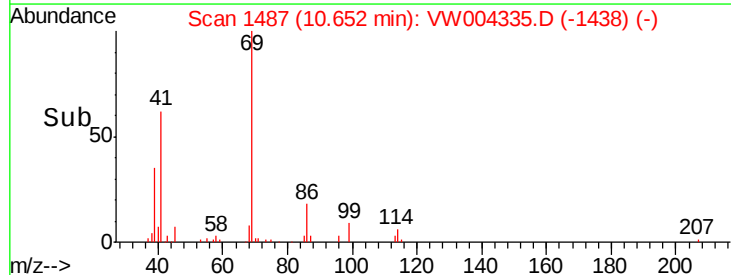
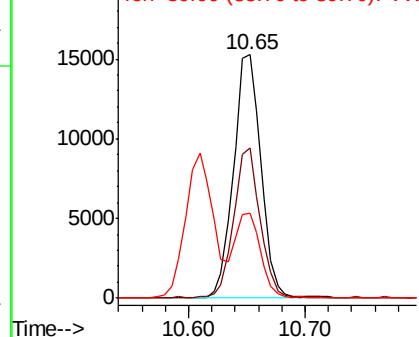


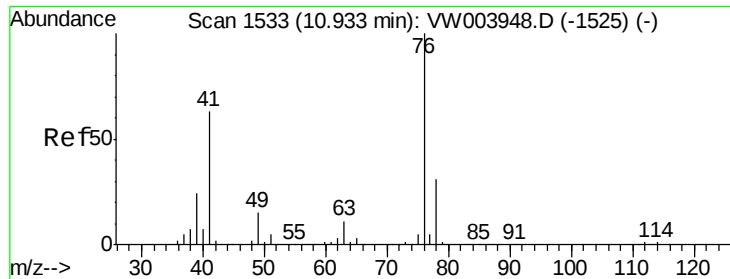
Abundance

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

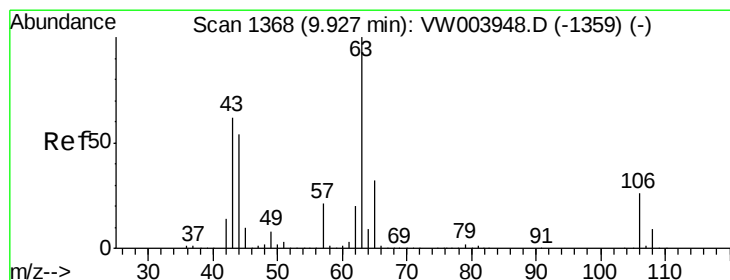
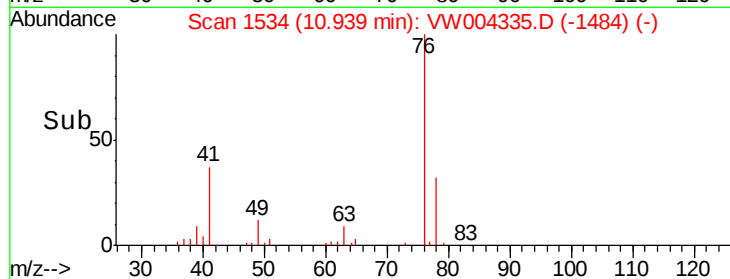
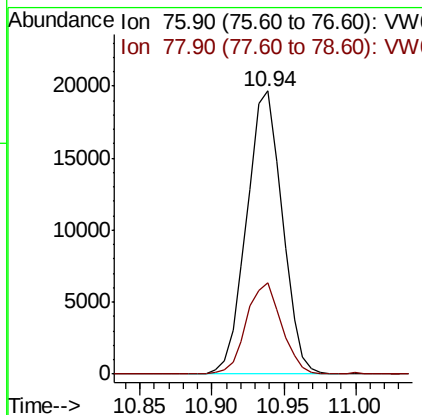
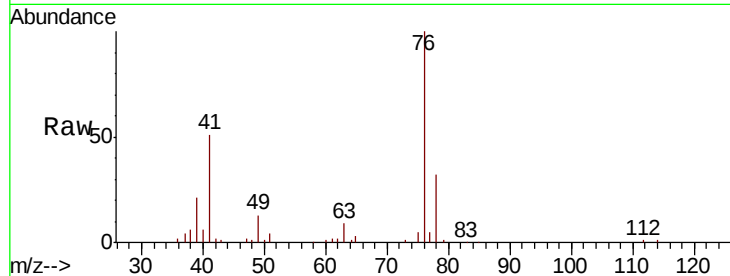




#57
 1,3-Dichloropropane
 Concen: 18.526 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

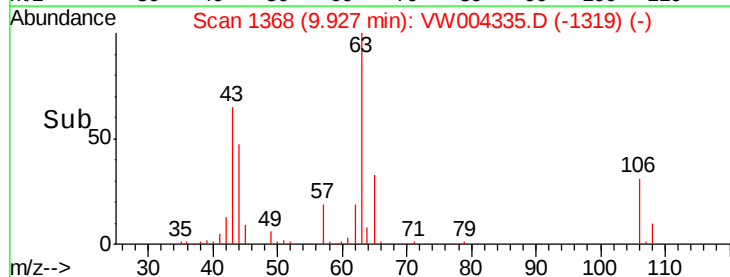
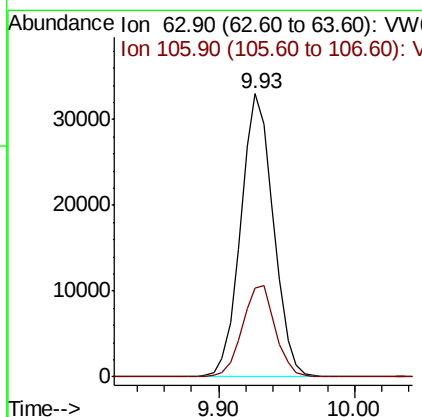
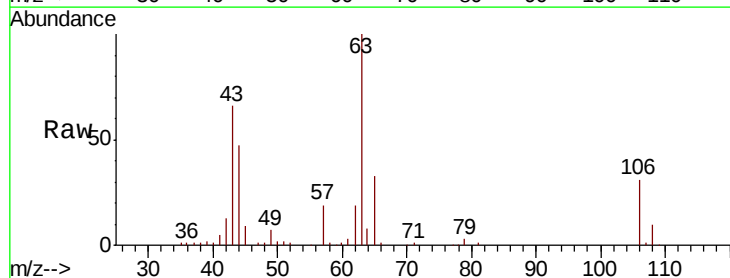
Instrument :
 MSVOA_W
 ClientSampled :

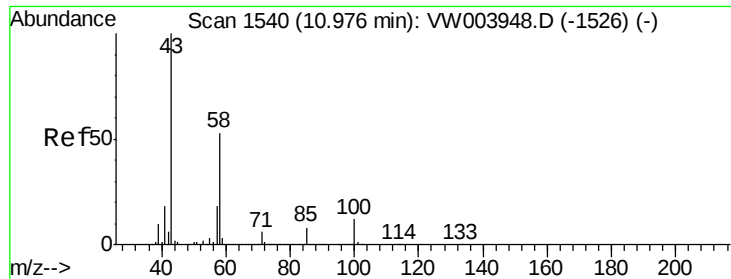
Tot Ion: 76 Resp: 33682
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.279 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion: 63 Resp: 55230
 Ion Ratio Lower Upper
 63 100
 106 32.5 21.9 32.9

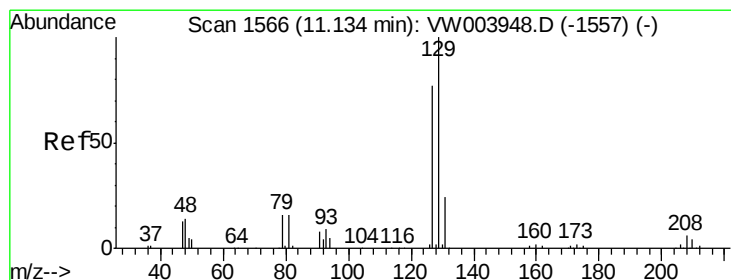
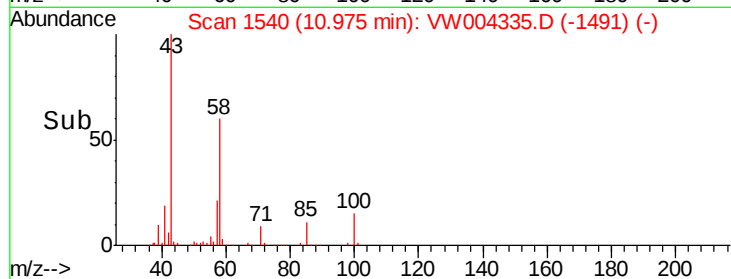
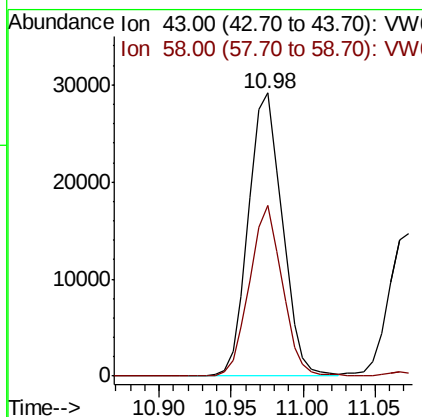
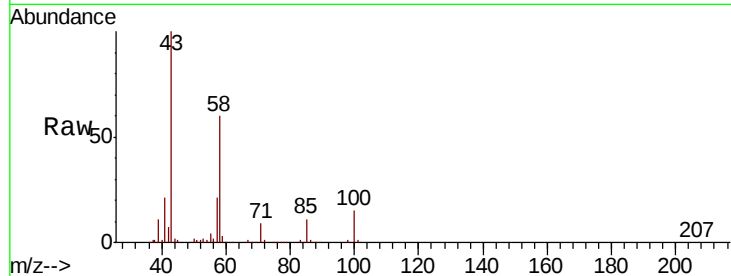




#59
2-Hexanone
Concen: 81.117 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

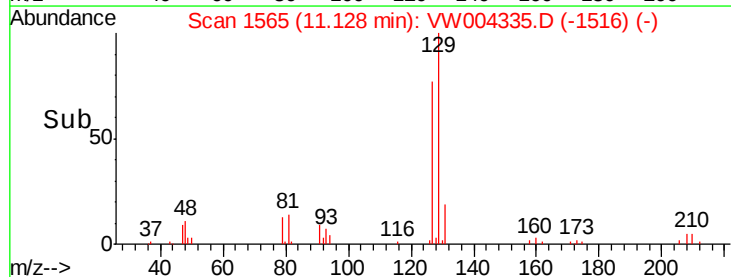
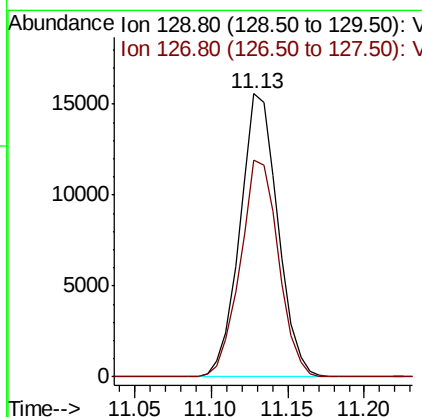
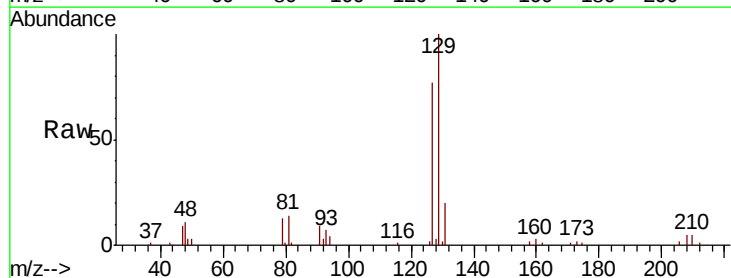
Instrument :
MSVOA_W
ClientSampleId :

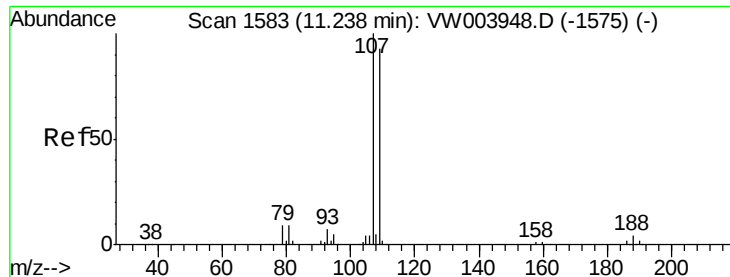
Tot Ion: 43 Resp: 47436
Ion Ratio Lower Upper
43 100
58 58.4 26.5 79.4



#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 129 Resp: 26737
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.205 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

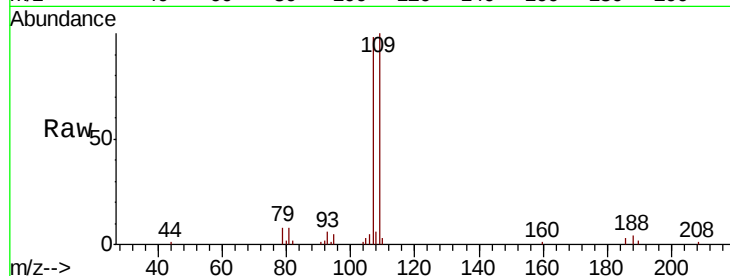
ClientSampleId :

Tot Ion:107 Resp: 19543

Ion Ratio Lower Upper

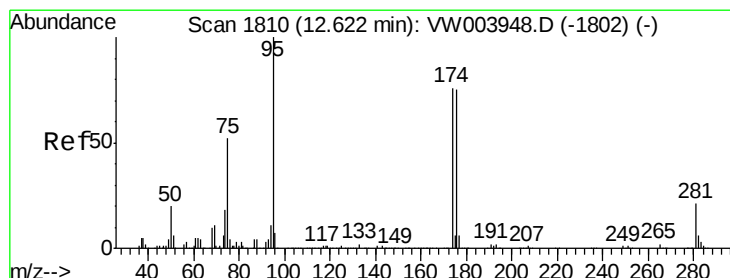
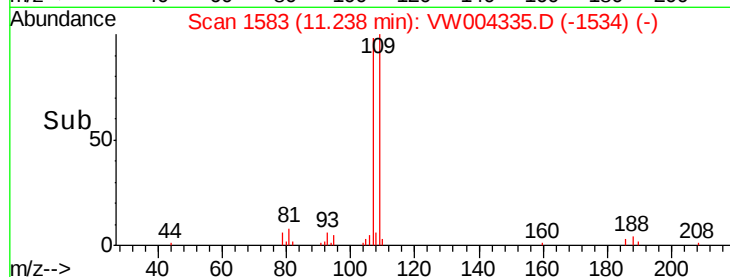
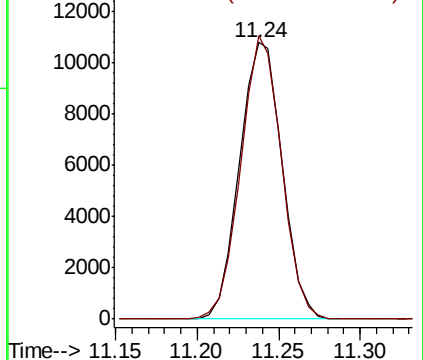
107 100

109 98.3 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.701 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

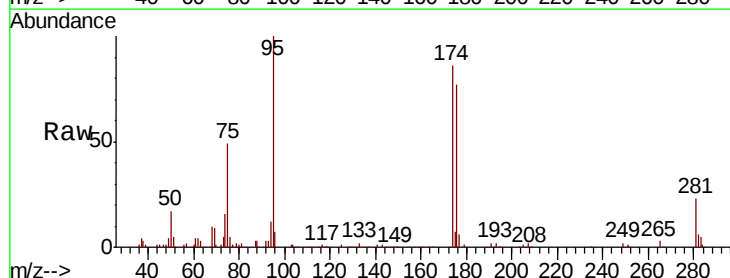
Tgt Ion: 95 Resp: 91798

Ion Ratio Lower Upper

95 100

174 90.7 0.0 167.8

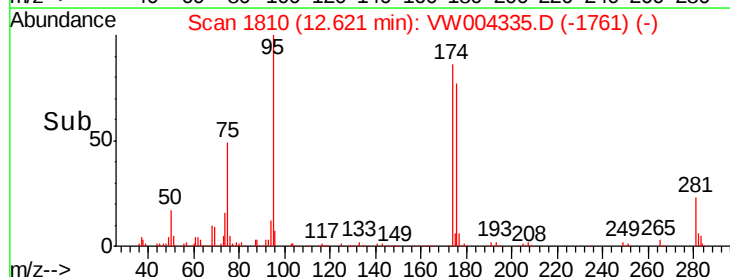
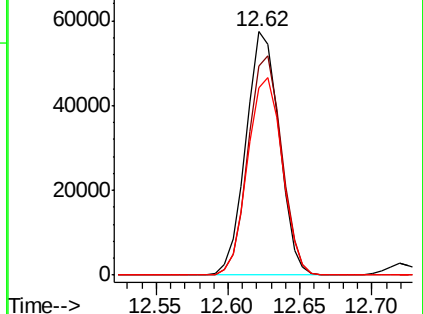
176 84.3 0.0 162.4

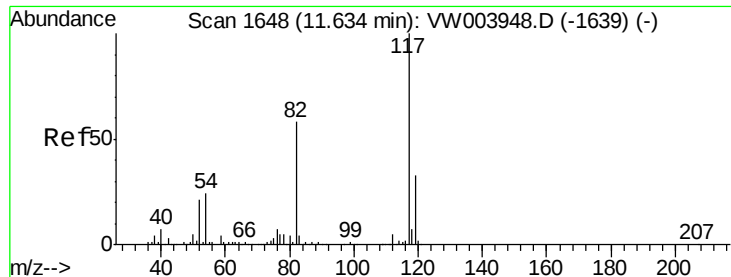


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

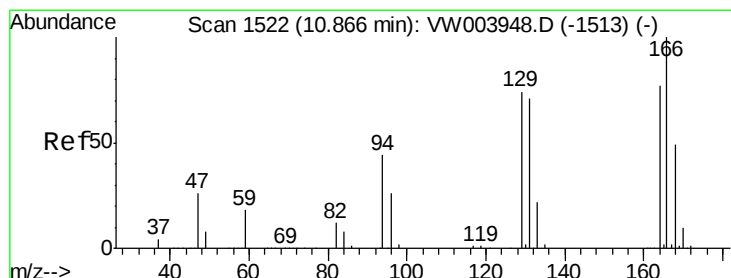
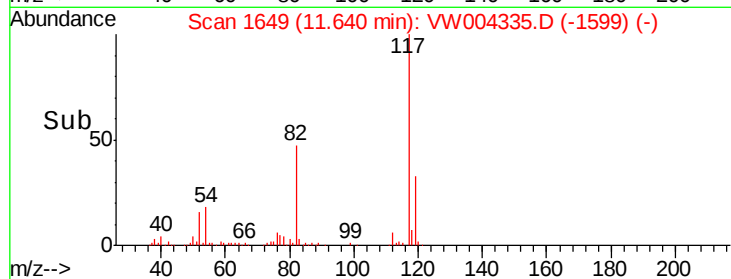
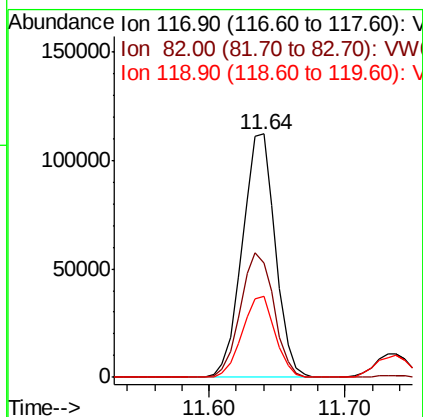
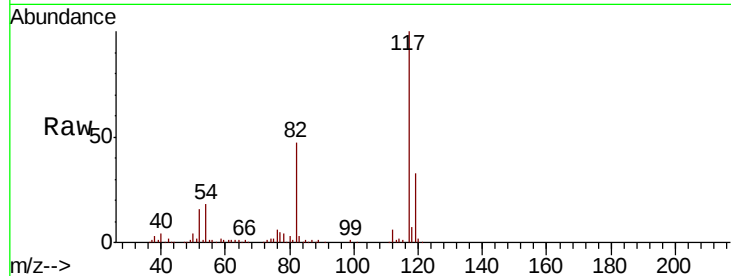




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

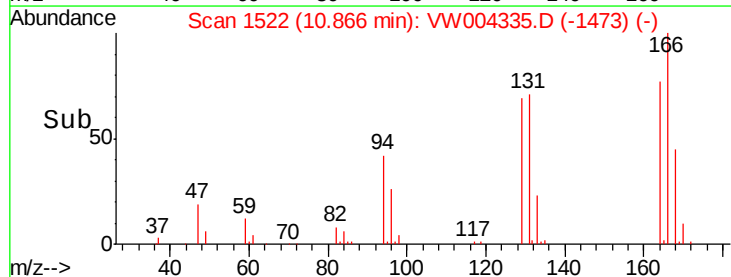
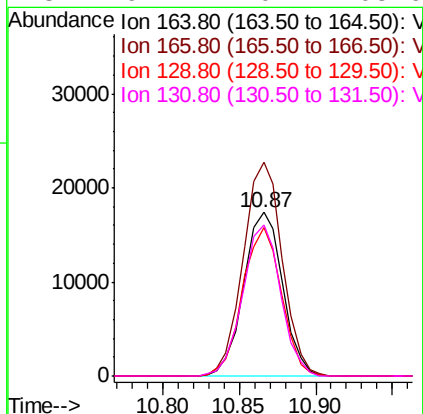
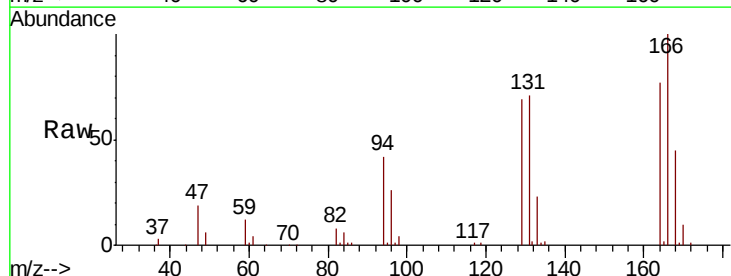
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 190058
Ion Ratio Lower Upper
117 100
82 47.1 47.9 71.9#
119 33.3 27.1 40.7



#64
Tetrachloroethene
Concen: 22.140 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:164 Resp: 30829
Ion Ratio Lower Upper
164 100
166 130.6 103.2 154.8
129 90.6 72.1 108.1
131 92.4 70.4 105.6

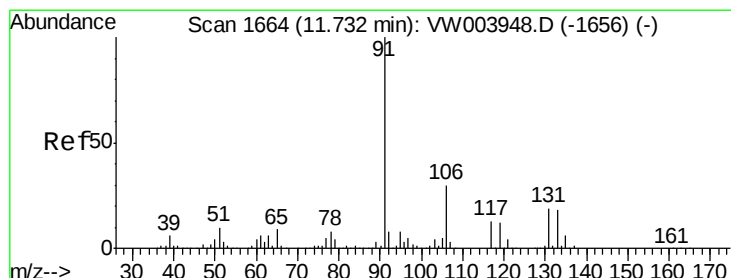
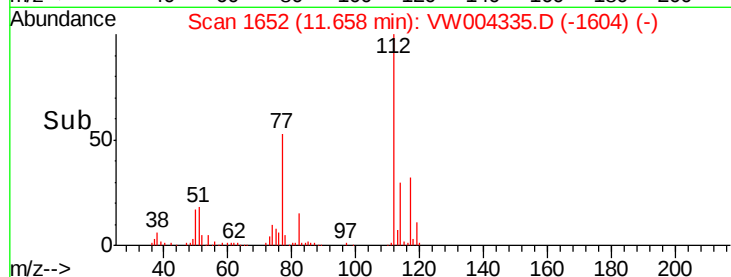
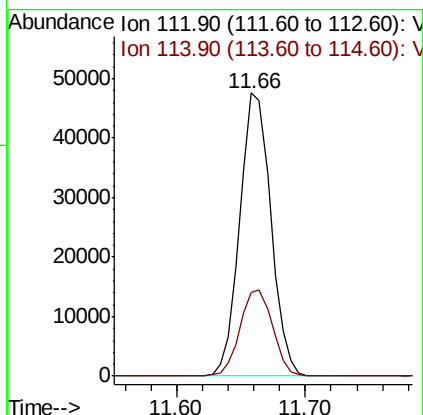
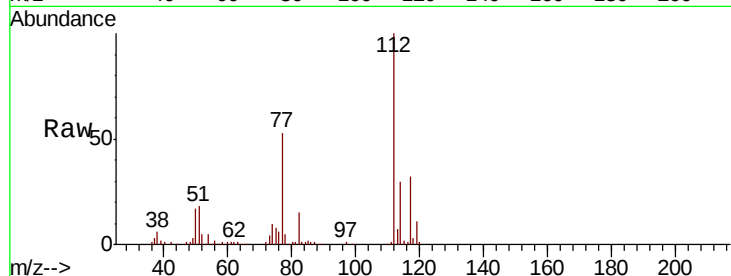




#65
Chlorobenzene
Concen: 19.923 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

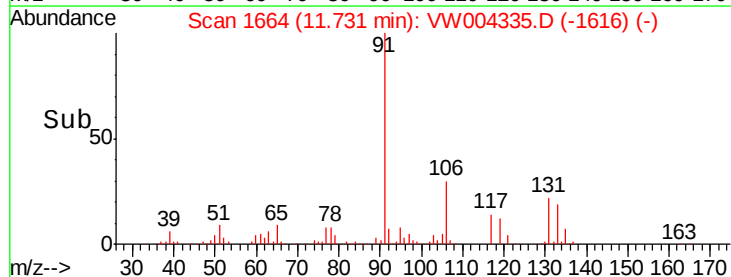
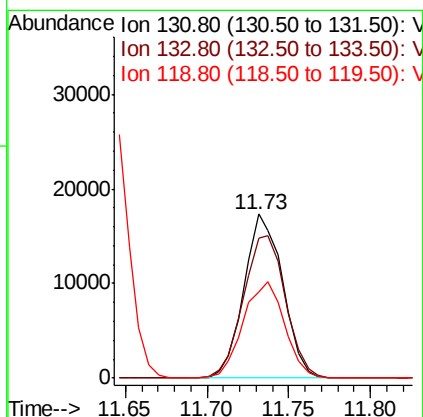
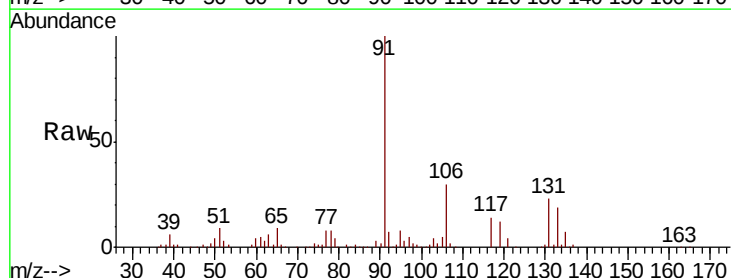
Instrument :
MSVOA_W
ClientSampled :

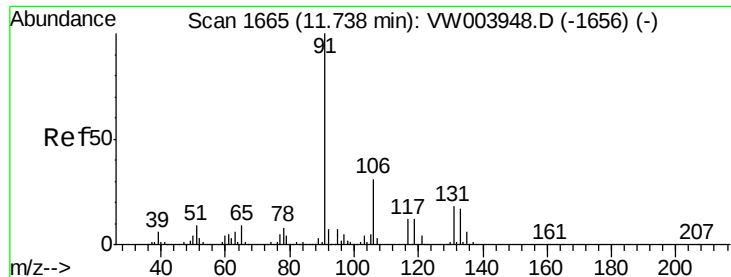
Tot Ion:112 Resp: 79527
Ion Ratio Lower Upper
112 100
114 29.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.386 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:131 Resp: 28700
Ion Ratio Lower Upper
131 100
133 94.1 48.6 145.9
119 62.1 33.1 99.5

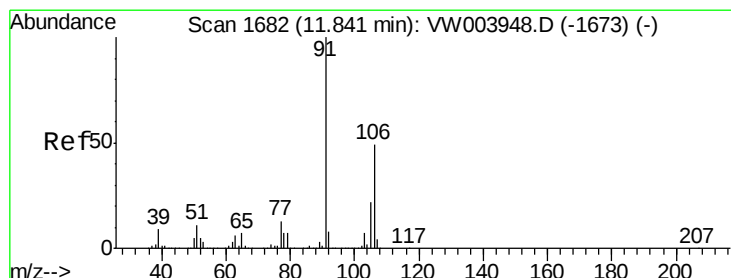
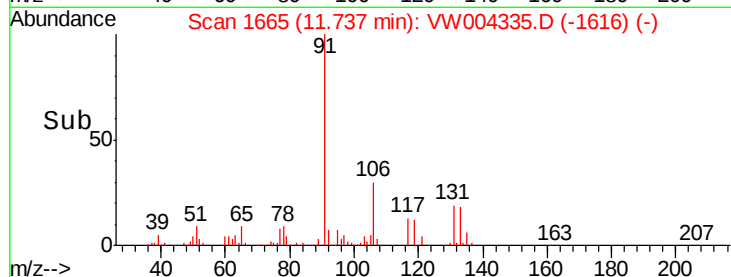
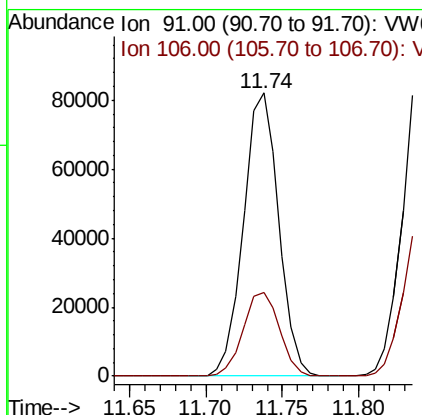
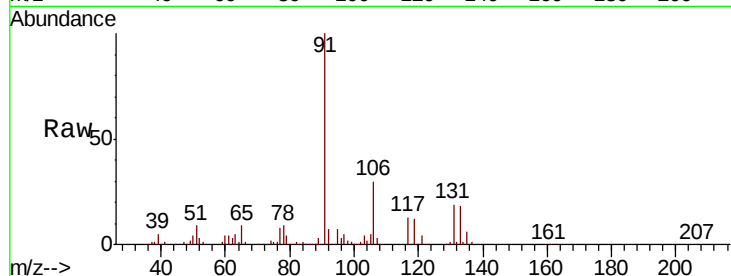




#67
Ethyl Benzene
Concen: 18.851 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

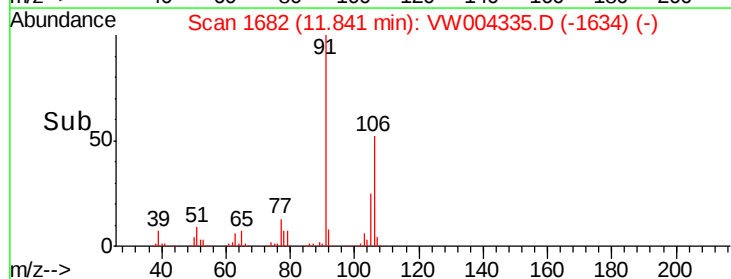
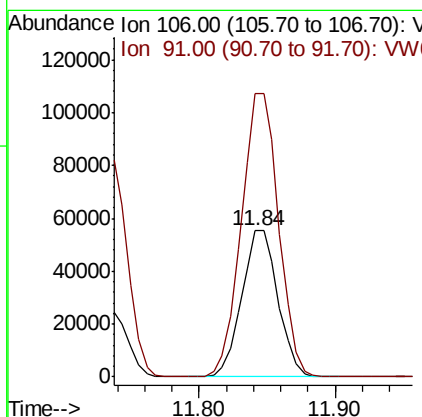
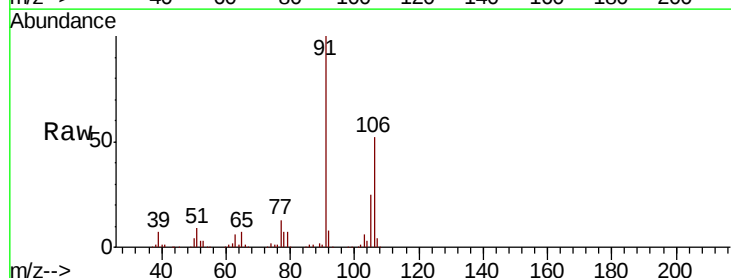
Instrument :
MSVOA_W
ClientSampled :

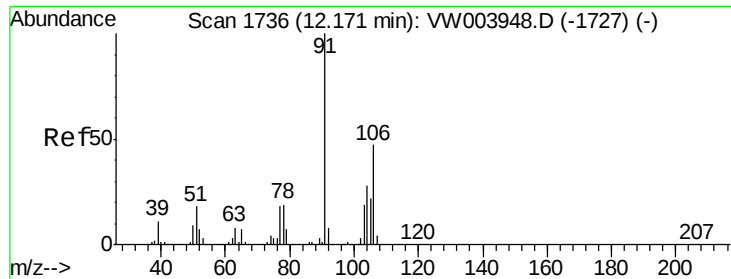
Tot Ion: 91 Resp: 131167
Ion Ratio Lower Upper
91 100
106 29.7 26.1 39.1



#68
m/p-Xylenes
Concen: 38.426 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion: 106 Resp: 102885
Ion Ratio Lower Upper
106 100
91 199.5 162.2 243.2

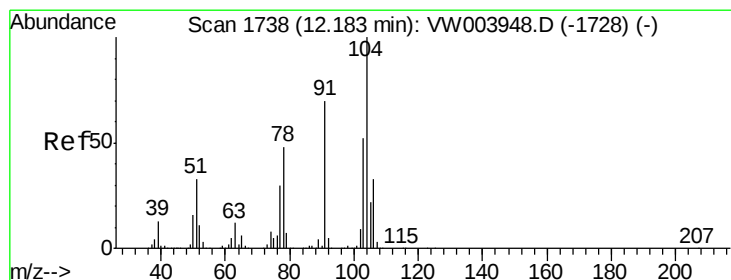
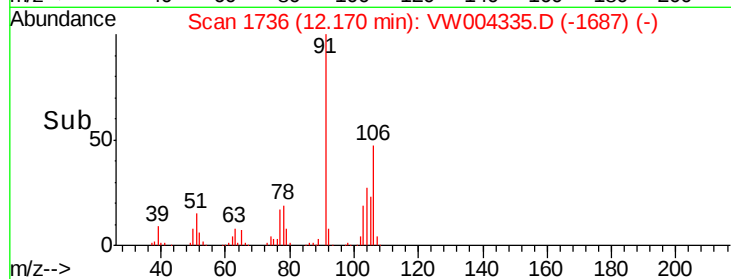
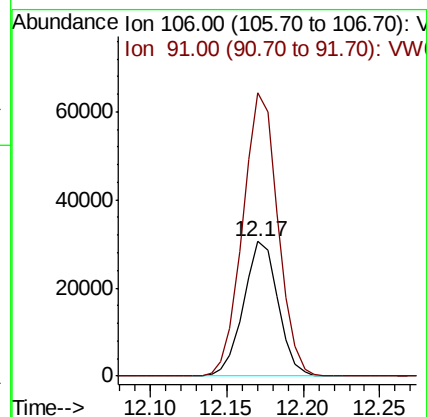
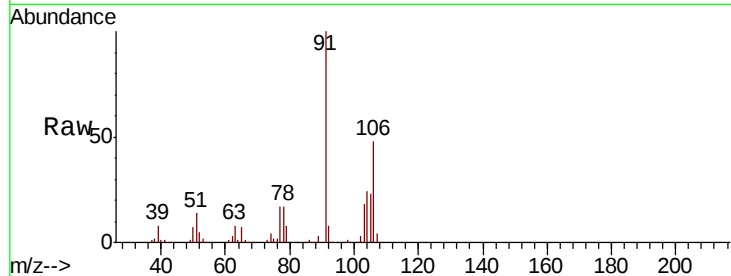




#69
o-Xylene
Concen: 19.376 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

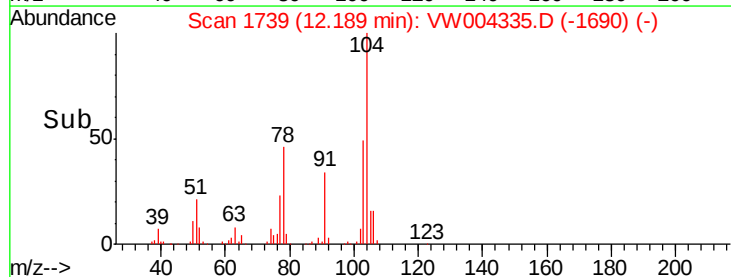
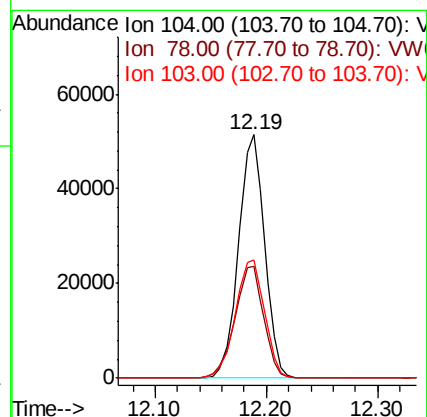
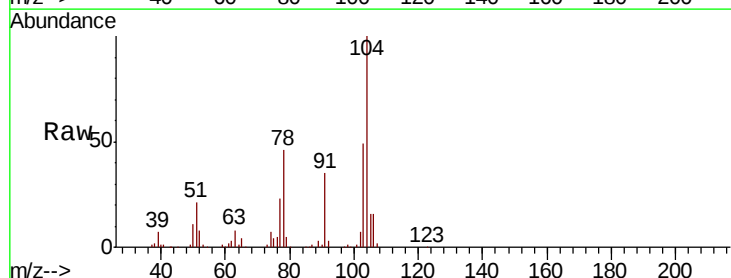
Instrument :
MSVOA_W
ClientSampled :

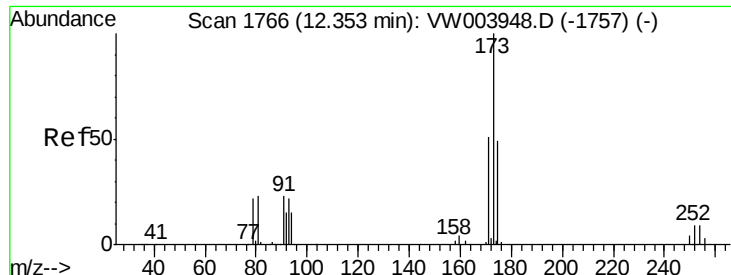
Tot Ion:106 Resp: 47934
Ion Ratio Lower Upper
106 100
91 214.1 108.7 326.1



#70
Styrene
Concen: 19.904 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:104 Resp: 83192
Ion Ratio Lower Upper
104 100
78 50.5 40.9 61.3
103 54.3 45.0 67.6





#71

Bromoform

Concen: 21.579 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

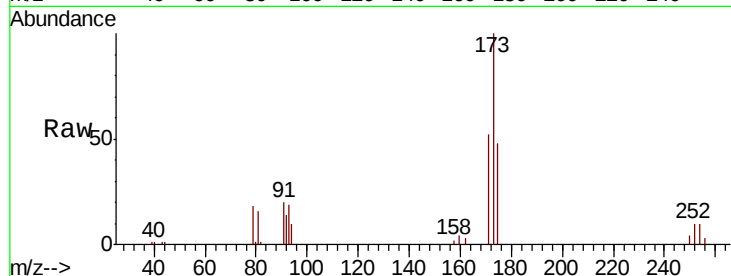
Tot Ion:173 Resp: 17026

Ion Ratio Lower Upper

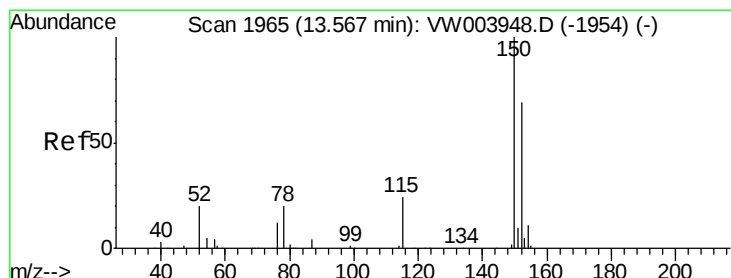
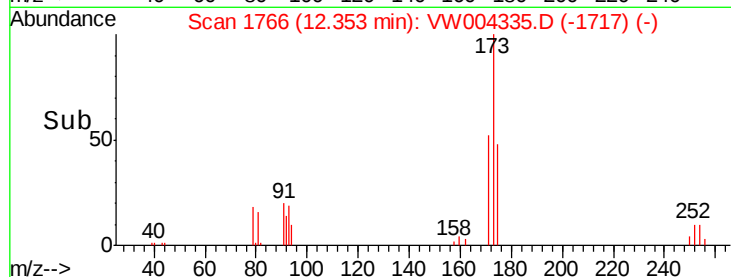
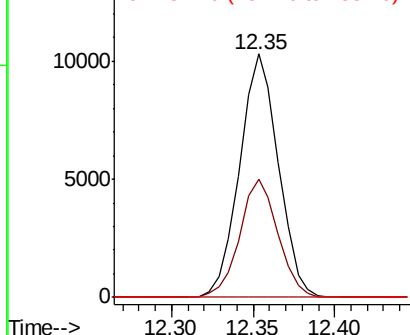
173 100

175 47.9 24.5 73.5

254 0.0 0.2 0.2#



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: VW004335.D

Acq: 30 Jul 2018 02:26

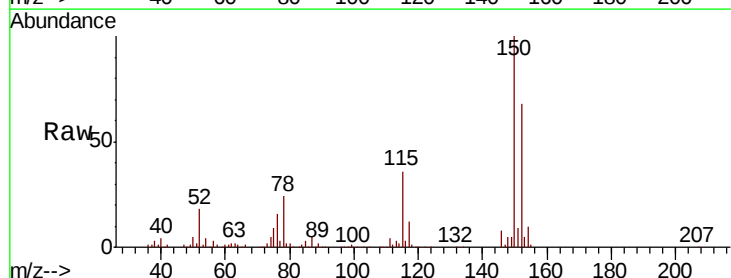
Tgt Ion:152 Resp: 107199

Ion Ratio Lower Upper

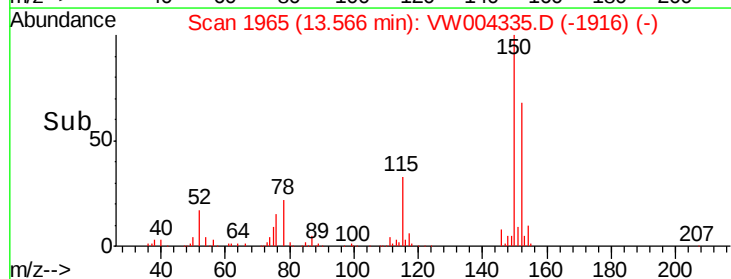
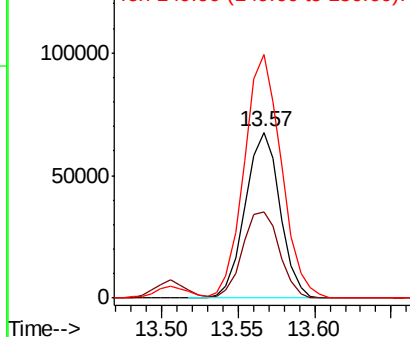
152 100

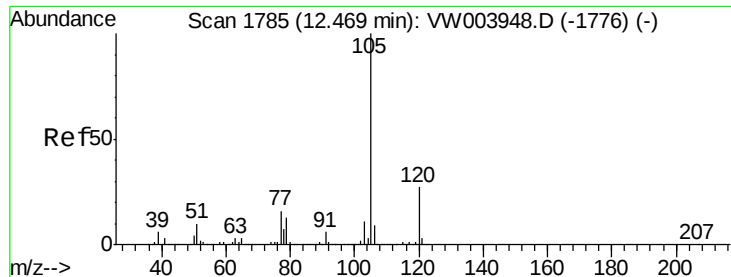
115 55.3 28.8 86.4

150 156.5 0.0 346.4



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: 18.284 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

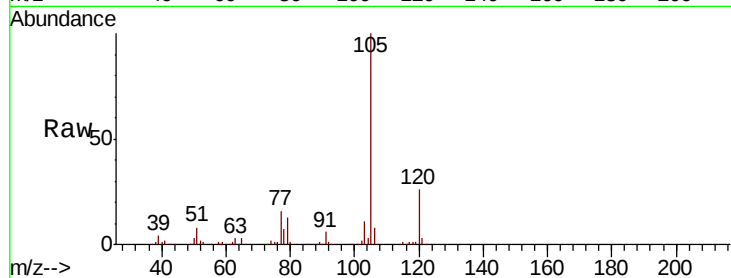
ClientSampleId :

Tot Ion:105 Resp: 135906

Ion Ratio Lower Upper

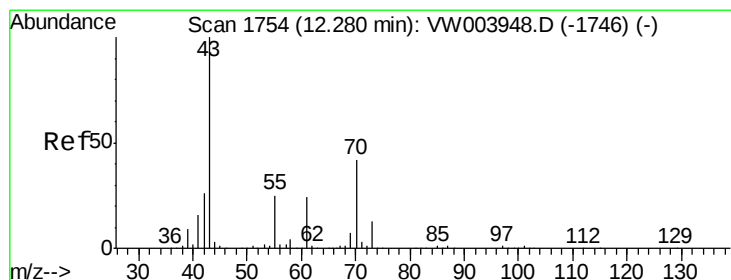
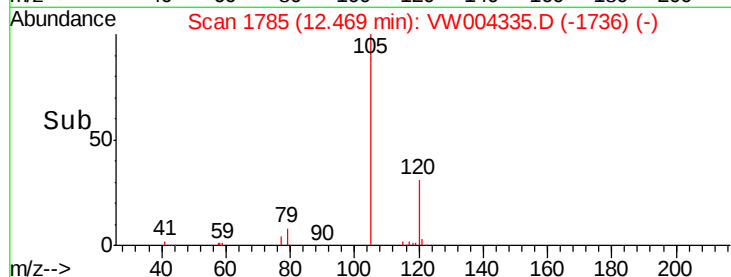
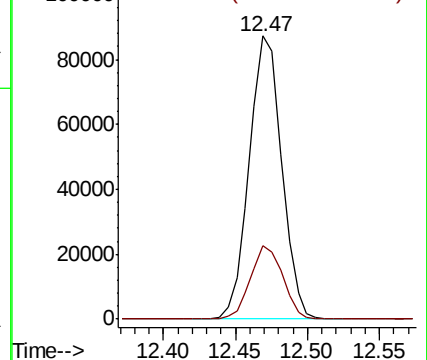
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.483 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Tgt Ion: 43 Resp: 25138

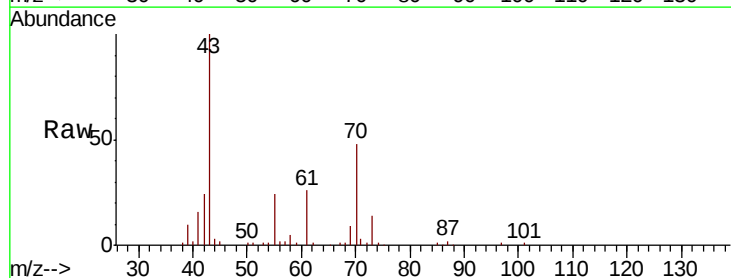
Ion Ratio Lower Upper

43 100

70 48.8 34.2 51.4

55 25.6 21.8 32.8

61 24.6 18.9 28.3

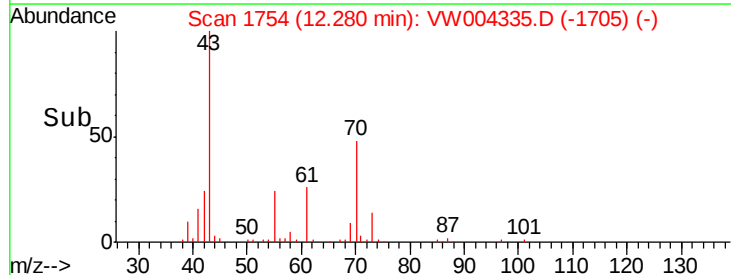
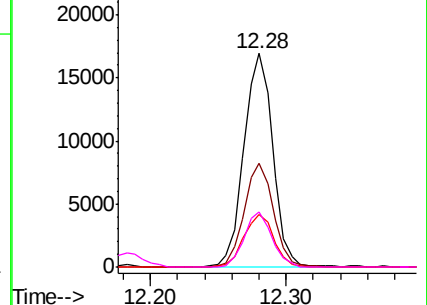


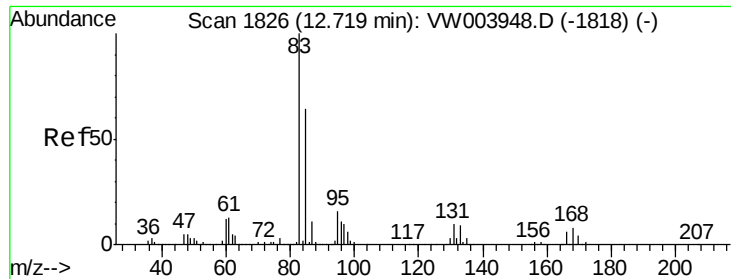
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 16.795 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

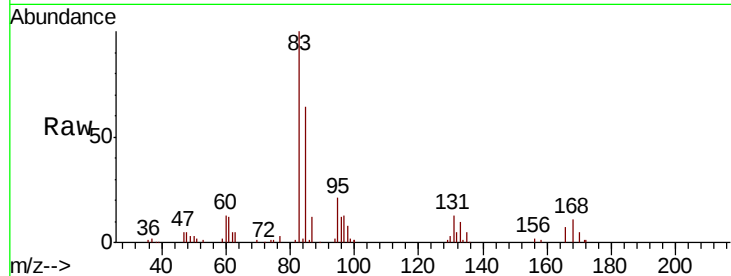
Tot Ion: 83 Resp: 21869

Ion Ratio Lower Upper

83 100

131 13.4 5.5 16.4

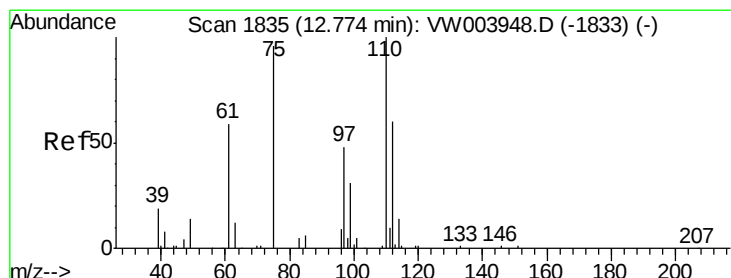
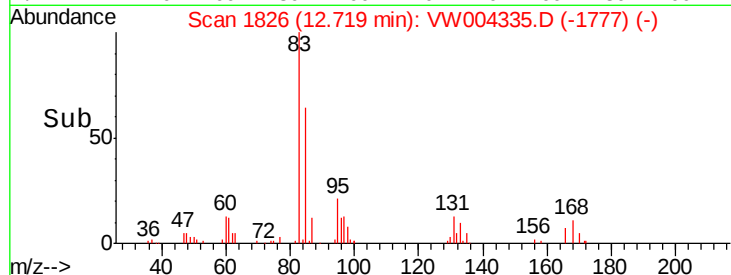
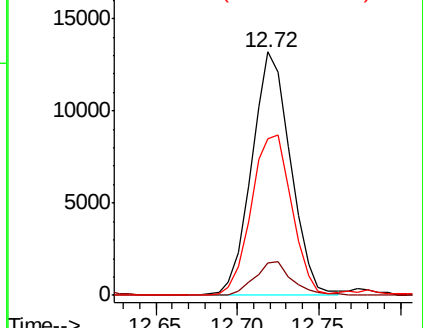
85 68.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 30.637 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004335.D

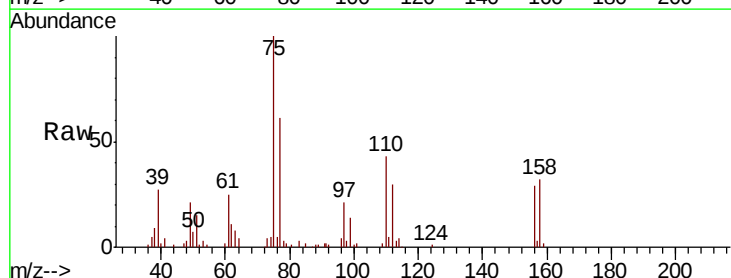
Acq: 30 Jul 2018 02:26

Tgt Ion: 75 Resp: 29974

Ion Ratio Lower Upper

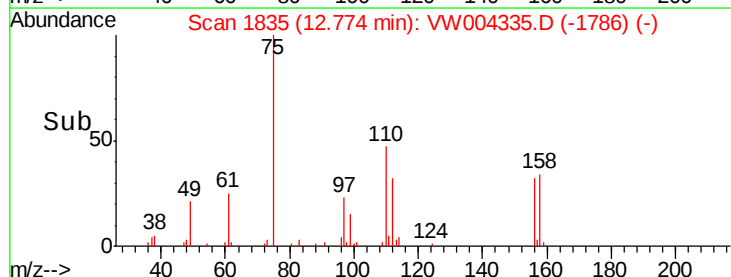
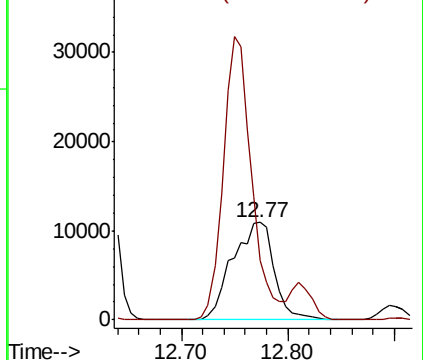
75 100

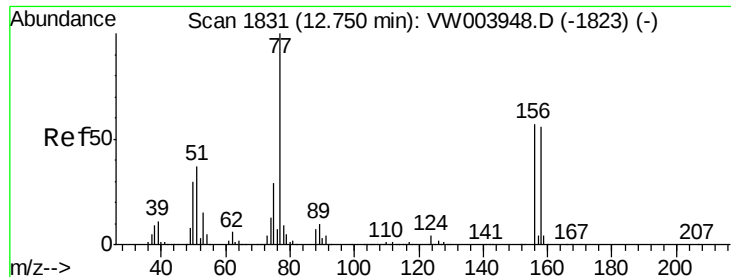
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.759 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

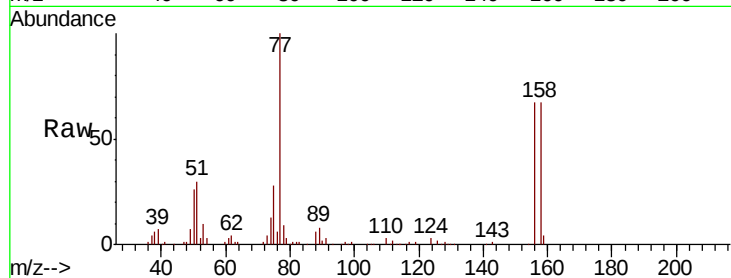
Tot Ion:156 Resp: 35487

Ion Ratio Lower Upper

156 100

77 166.1 92.9 278.7

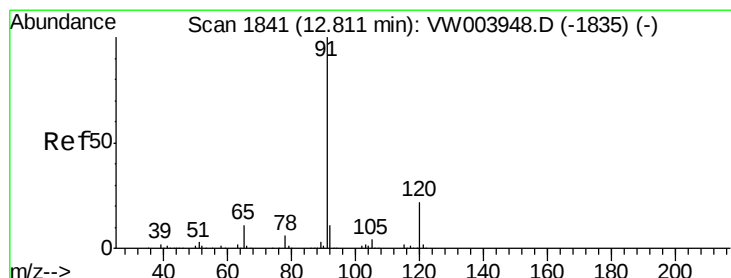
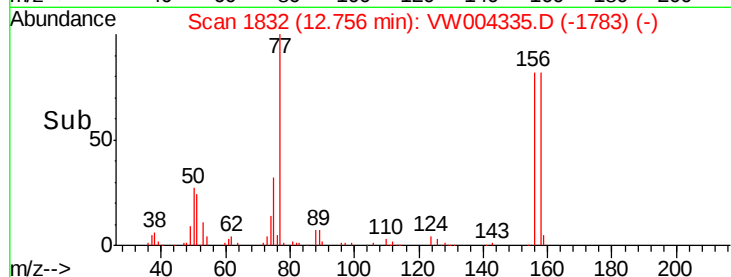
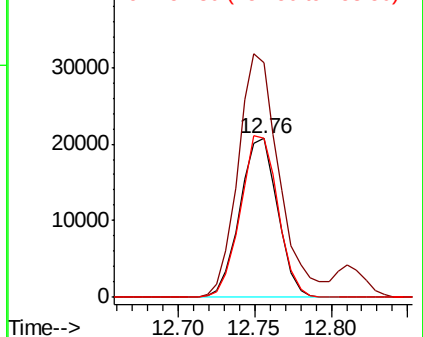
158 100.7 47.6 142.8



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: 17.693 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004335.D

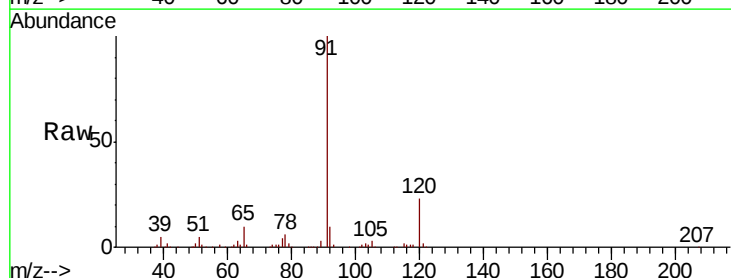
Acq: 30 Jul 2018 02:26

Tgt Ion: 91 Resp: 160212

Ion Ratio Lower Upper

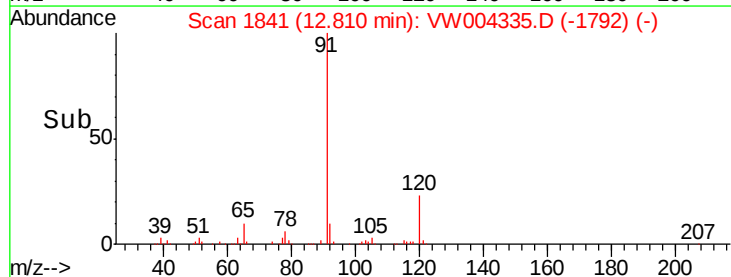
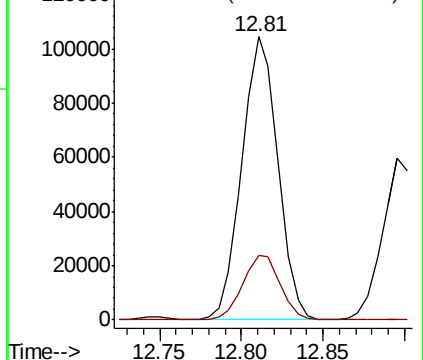
91 100

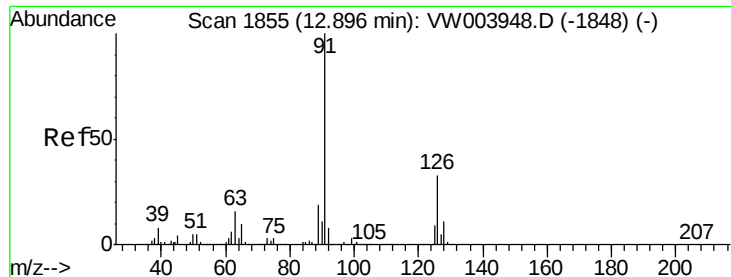
120 23.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

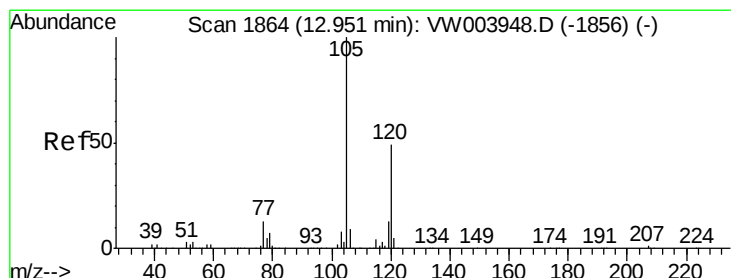
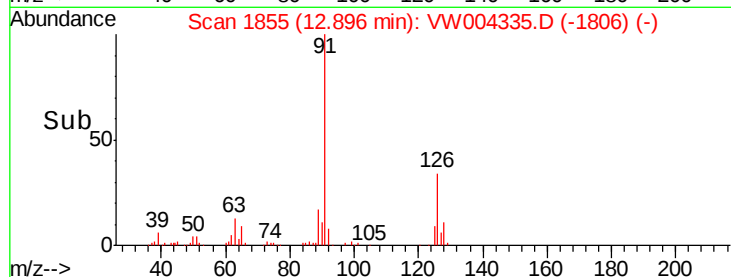
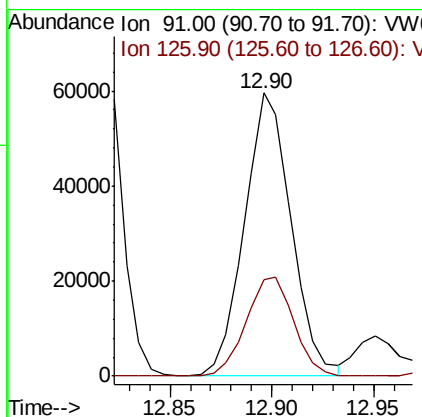
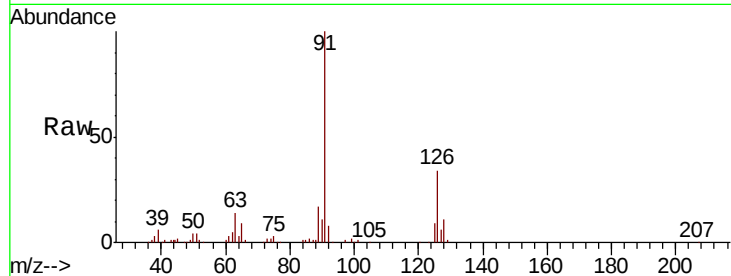




#79
 2-Chlorotoluene
 Concen: 18.278 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

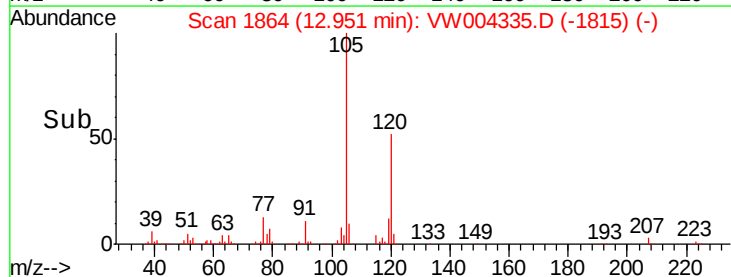
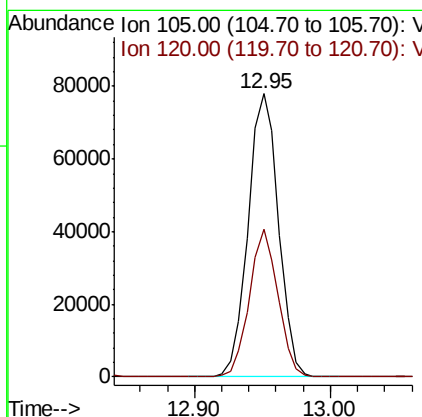
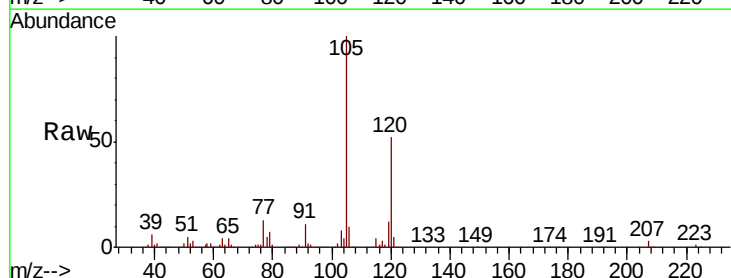
Instrument :
 MSVOA_W
 ClientSampled :

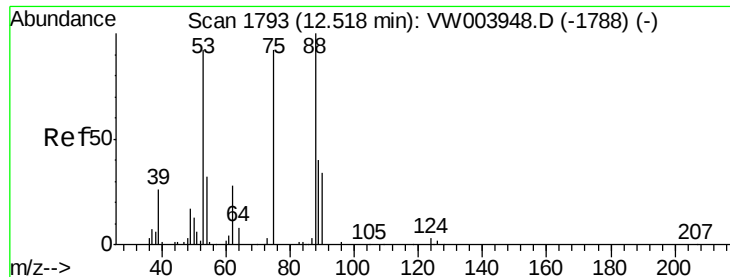
Tot Ion: 91 Resp: 94666
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.094 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:105 Resp: 122266
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 14.515 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

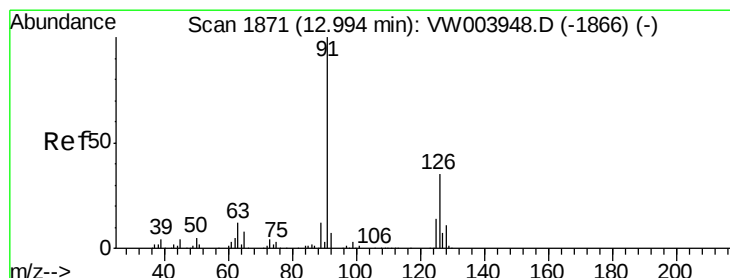
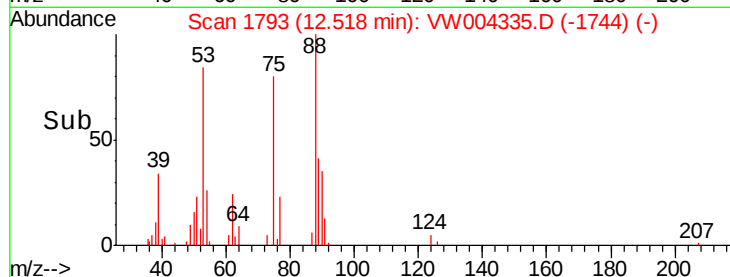
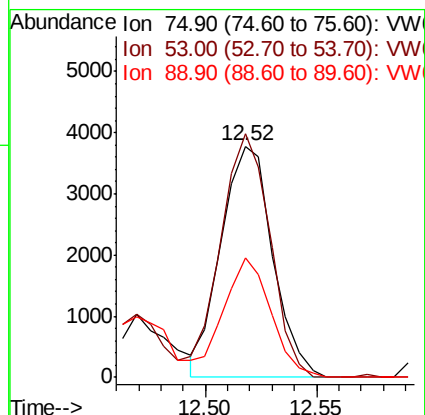
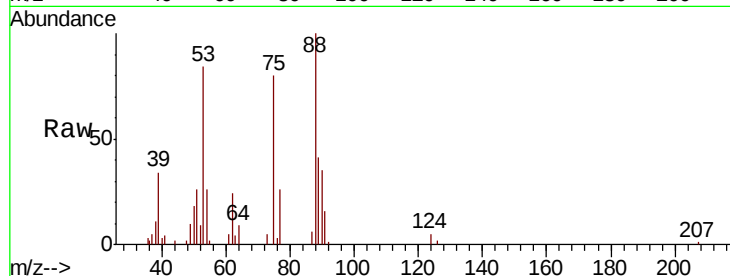
Tot Ion: 75 Resp: 6103

Ion Ratio Lower Upper

75 100

53 101.4 77.6 116.4

89 47.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 18.614 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004335.D

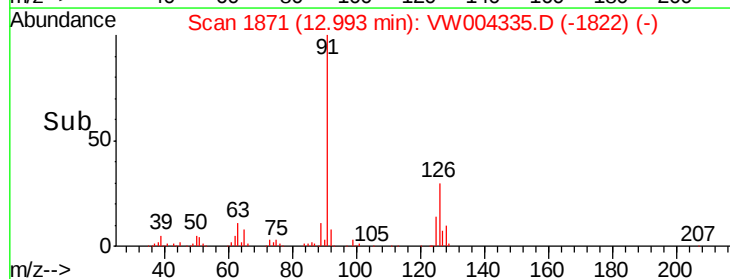
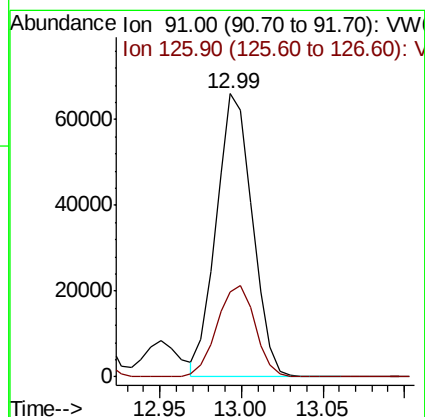
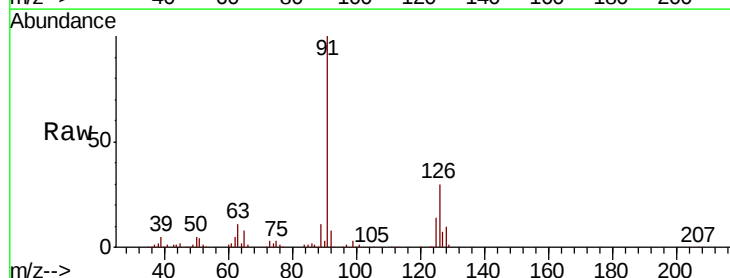
Acq: 30 Jul 2018 02:26

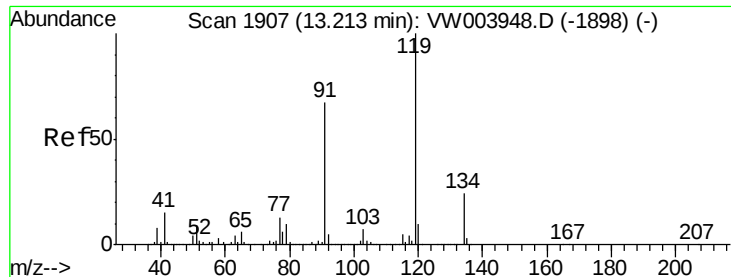
Tgt Ion: 91 Resp: 102013

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.3

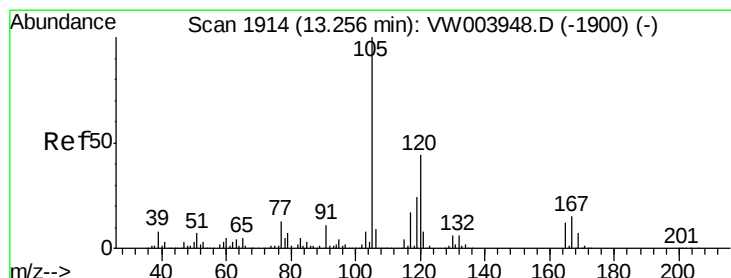
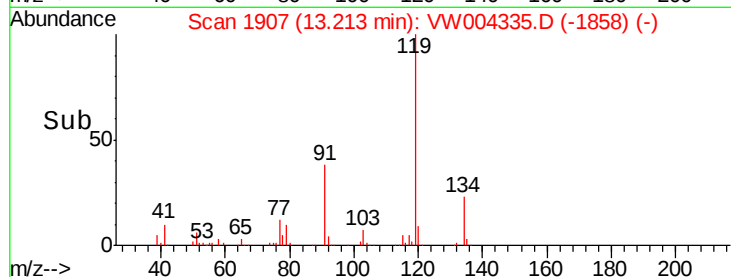
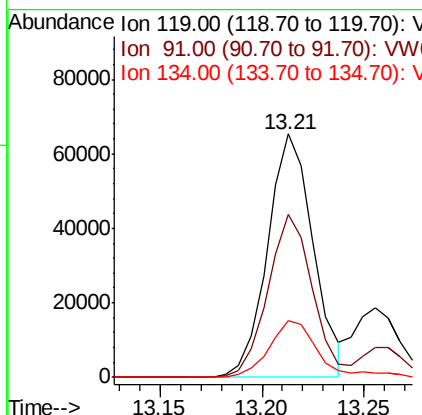
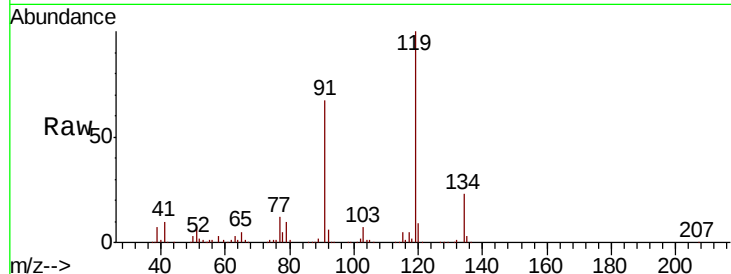




#83
tert-Butylbenzene
Concen: 19.123 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

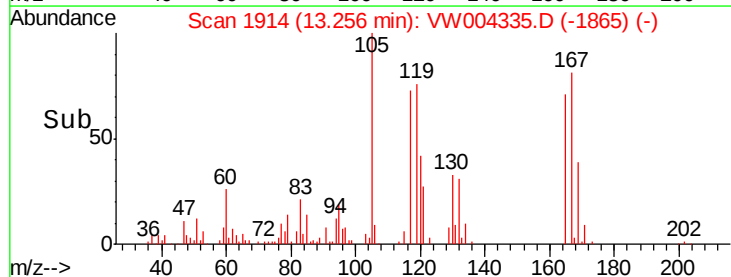
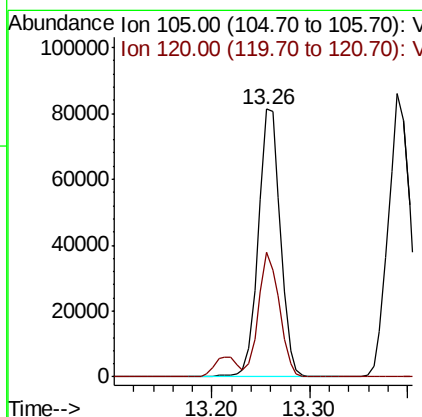
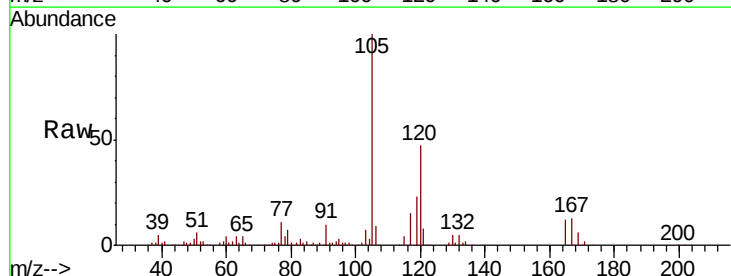
Instrument :
MSVOA_W
ClientSampleId :

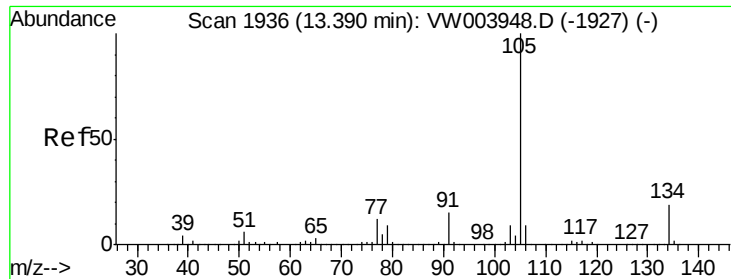
Tot Ion:119 Resp: 102012
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.3
134 25.2 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.439 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:105 Resp: 126953
Ion Ratio Lower Upper
105 100
120 44.0 22.7 68.0

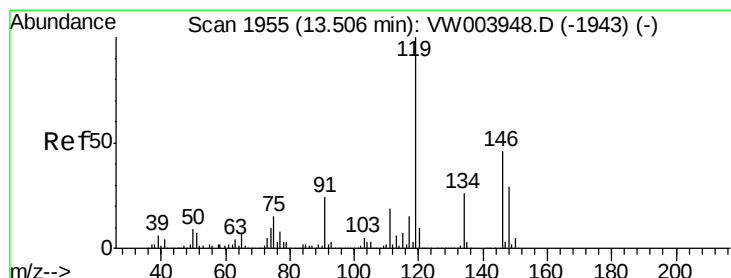
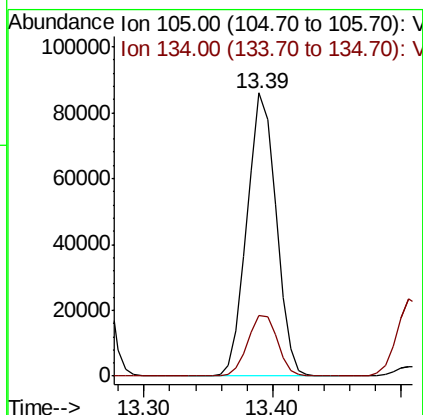
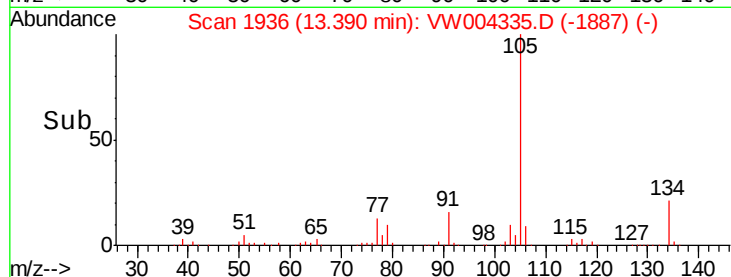
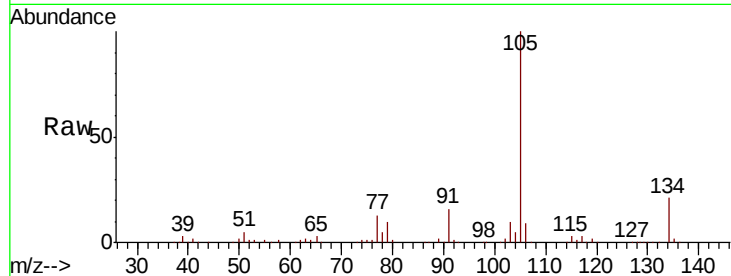




#85
 sec-Butylbenzene
 Concen: 17.244 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

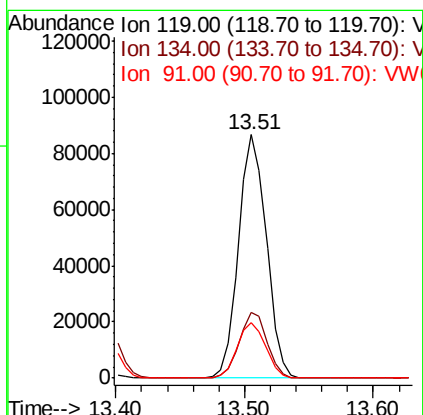
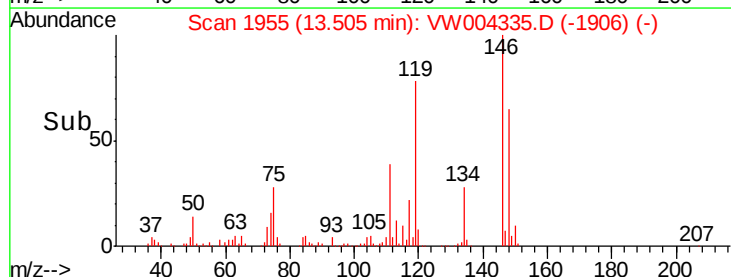
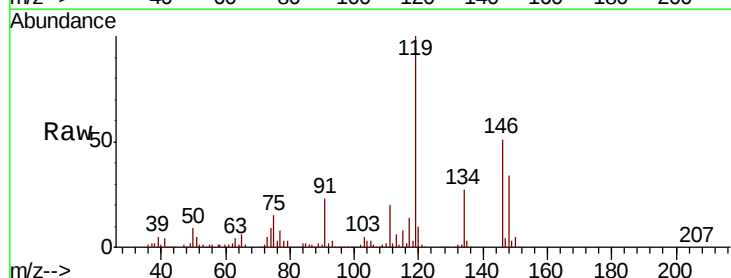
Instrument :
 MSVOA_W
 ClientSampled :

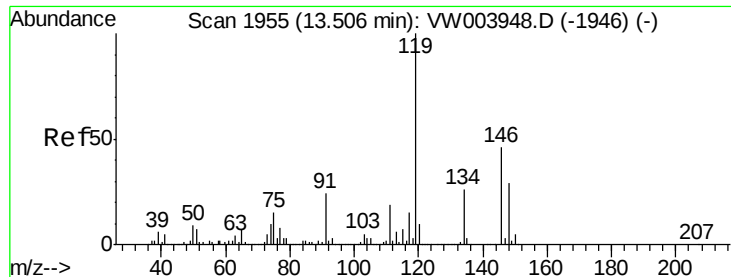
Tot Ion:105 Resp: 134373
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.471 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:119 Resp: 129269
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.6 37.8
 91 23.4 11.3 33.9

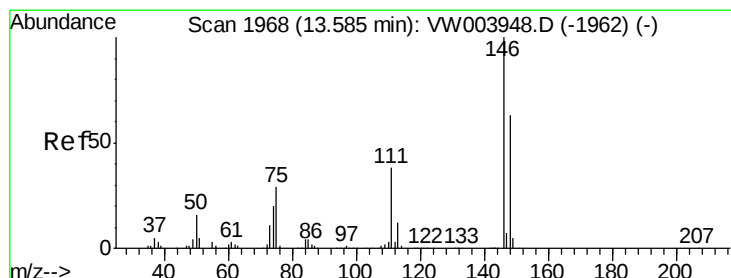
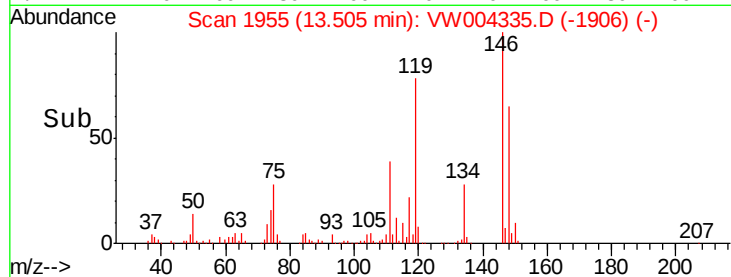
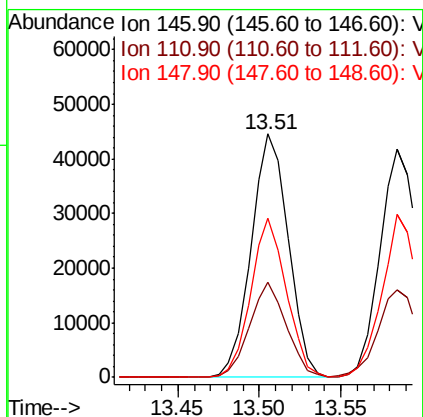
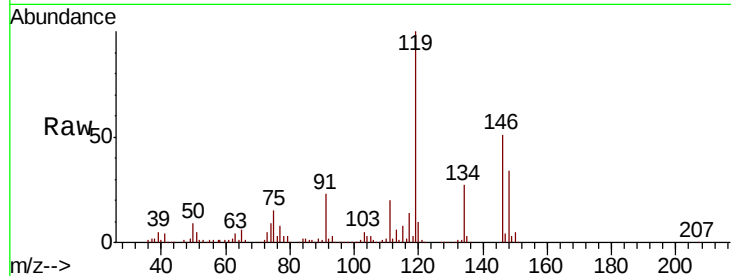




#87
 1,3-Dichlorobenzene
 Concen: 19.660 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

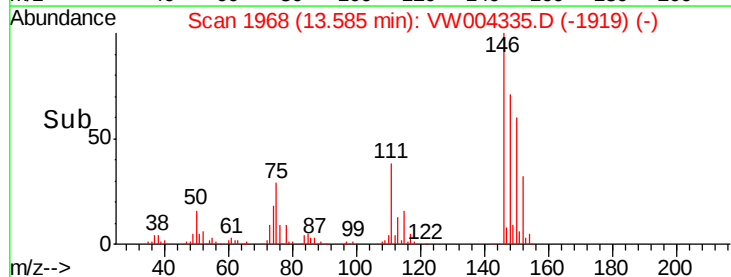
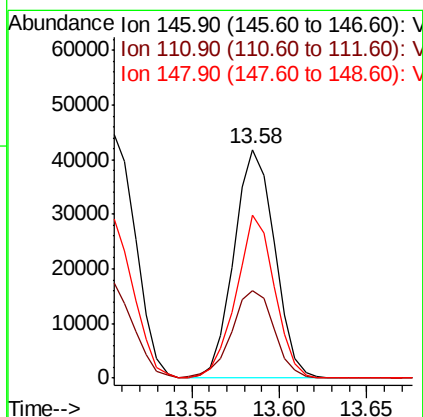
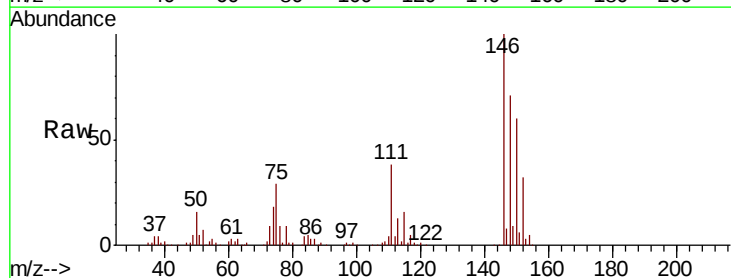
Instrument :
 MSVOA_W
 ClientSampled :

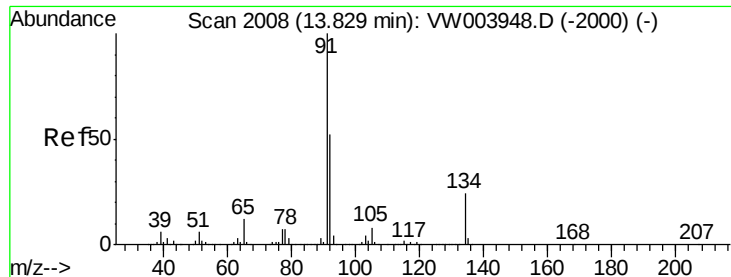
Tot Ion:146 Resp: 70675
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.6
 148 62.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.950 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion:146 Resp: 67965
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.1
 148 67.3 32.8 98.3





#89

n-Butylbenzene

Concen: 17.101 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampled :

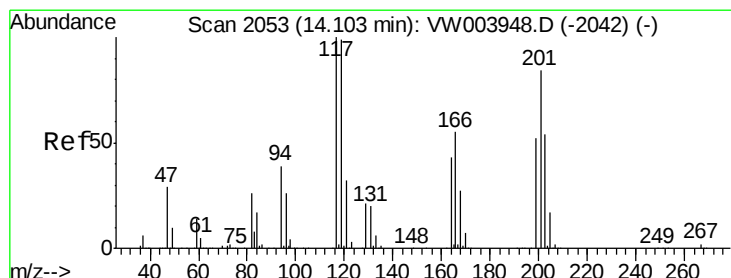
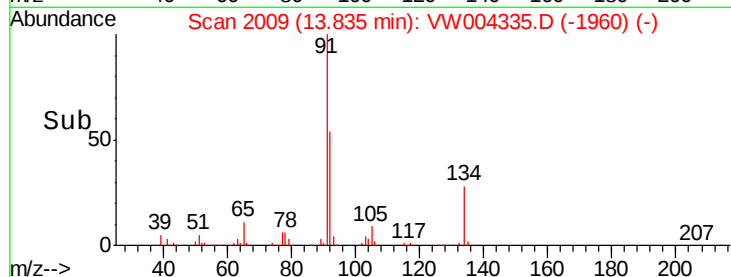
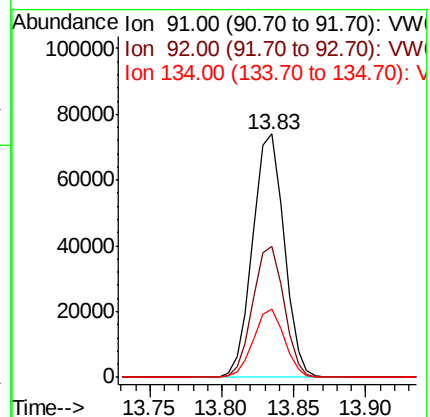
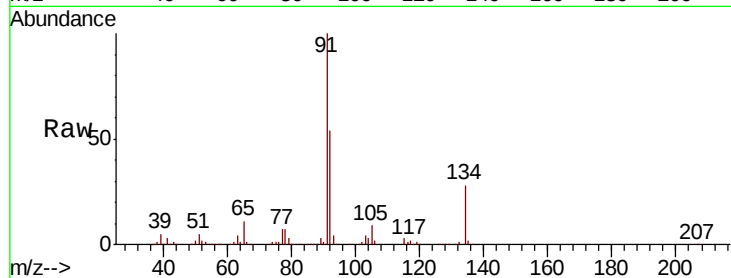
Tot Ion: 91 Resp: 111760

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.2

134 27.4 12.9 38.6



#90

Hexachloroethane

Concen: 17.997 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VW004335.D

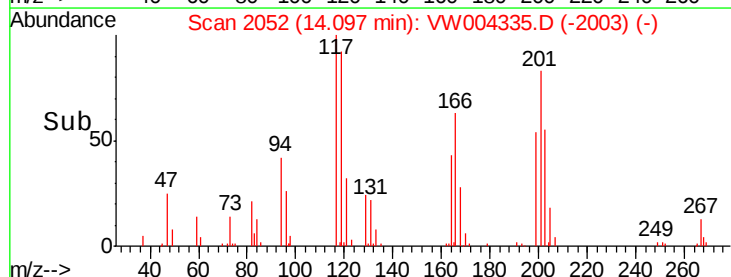
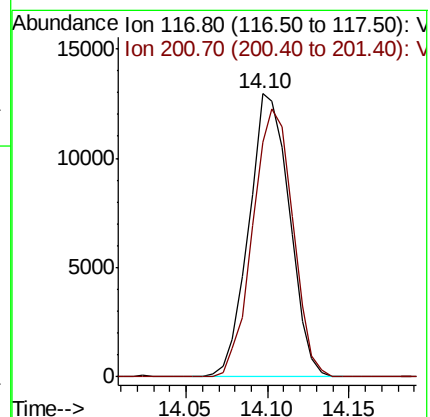
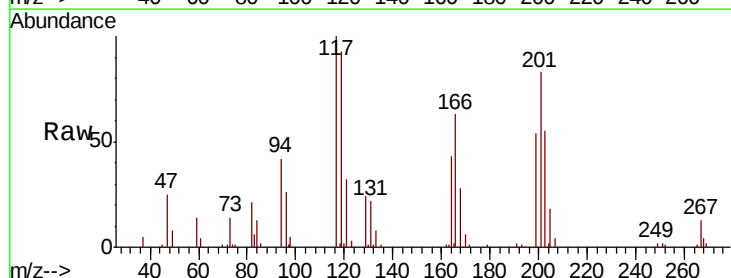
Acq: 30 Jul 2018 02:26

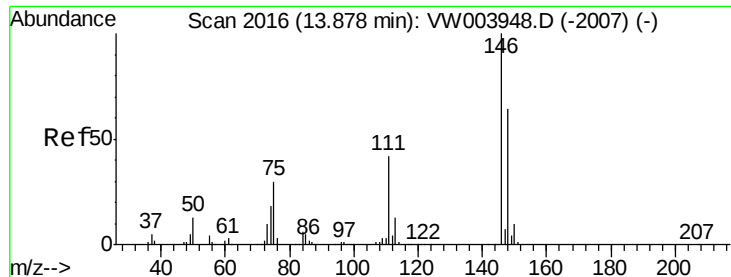
Tgt Ion: 117 Resp: 22464

Ion Ratio Lower Upper

117 100

201 93.7 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 19.942 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

Instrument :

MSVOA_W

ClientSampleId :

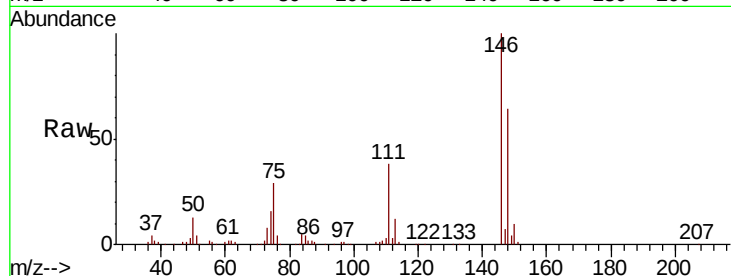
Tot Ion:146 Resp: 64170

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

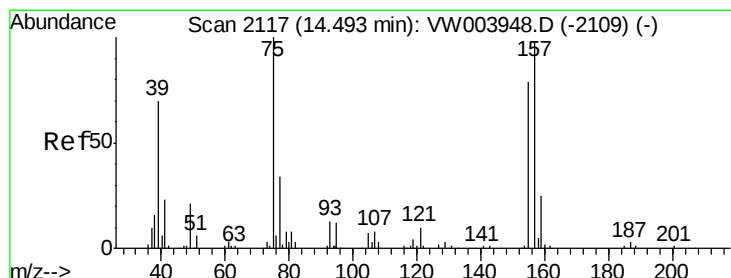
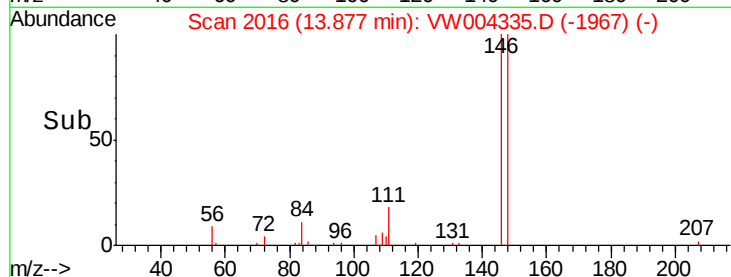
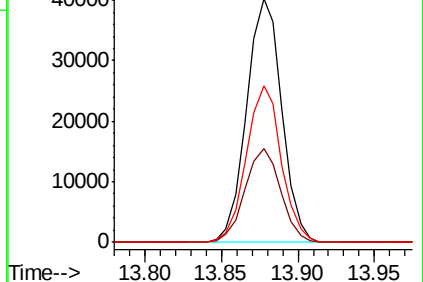
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.363 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004335.D

Acq: 30 Jul 2018 02:26

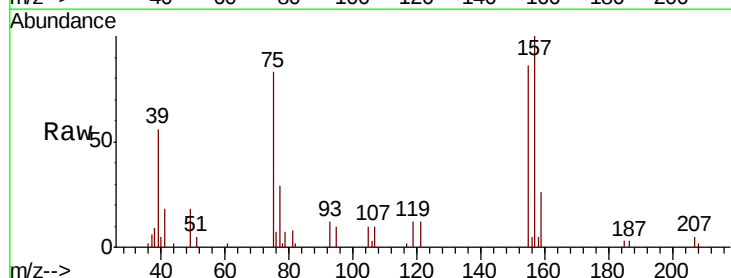
Tgt Ion: 75 Resp: 4401

Ion Ratio Lower Upper

75 100

155 84.6 41.4 124.4

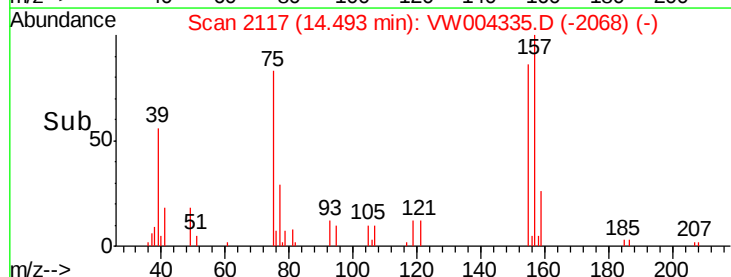
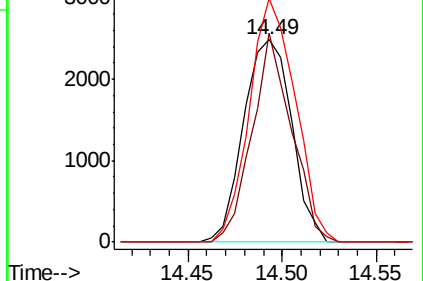
157 114.5 55.2 165.6

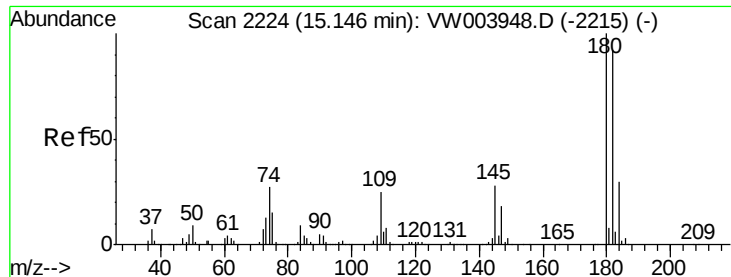


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

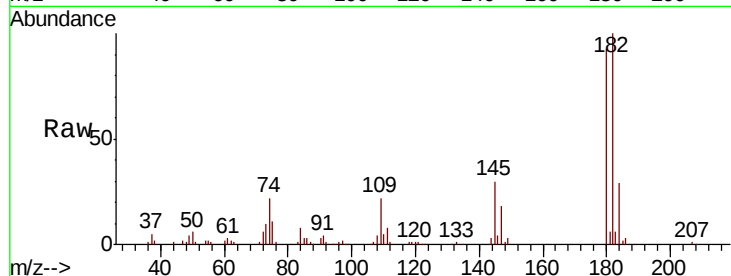




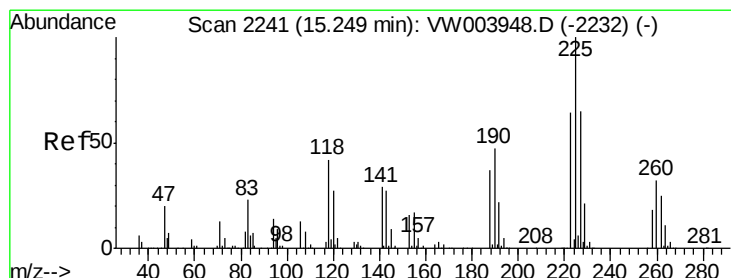
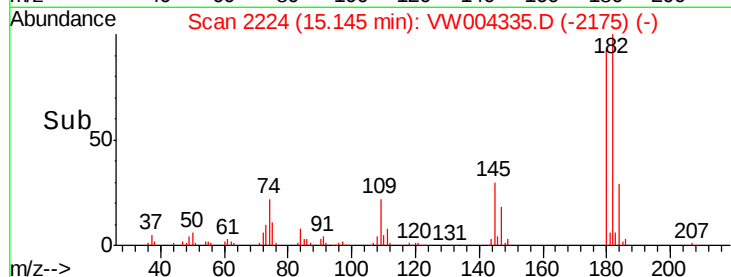
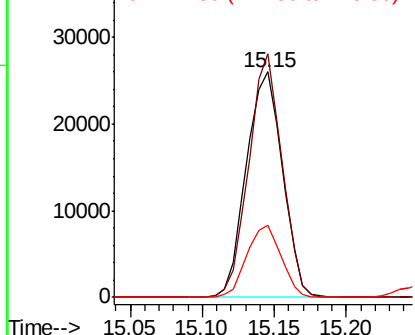
#93
 1,2,4-Trichlorobenzene
 Concen: 19.996 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.3	141.8
145	30.3	14.8	44.4

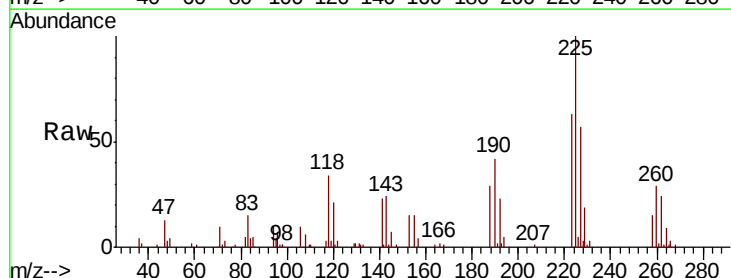


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

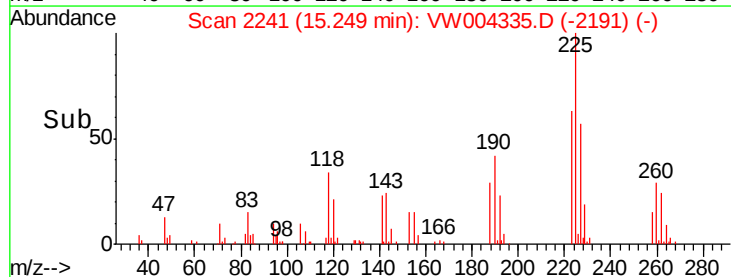
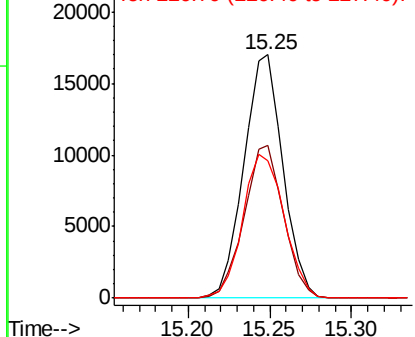


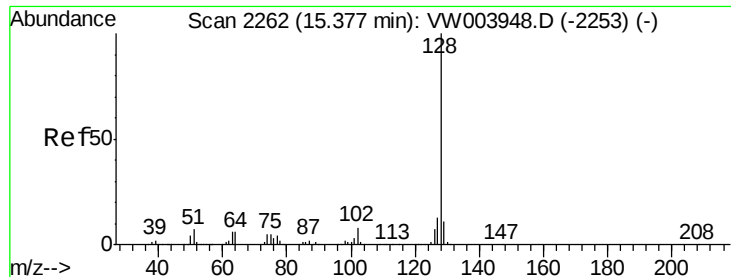
#94
 Hexachlorobutadiene
 Concen: 20.514 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004335.D
 Acq: 30 Jul 2018 02:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.0	93.0
227	62.8	32.6	97.7



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

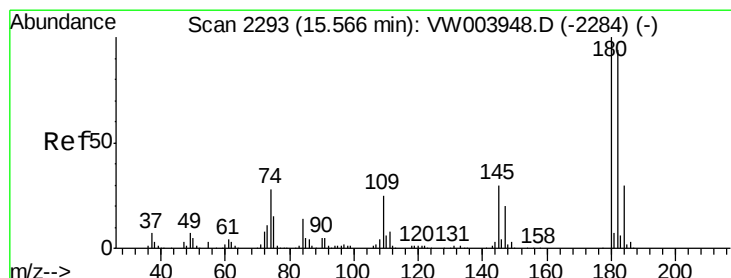
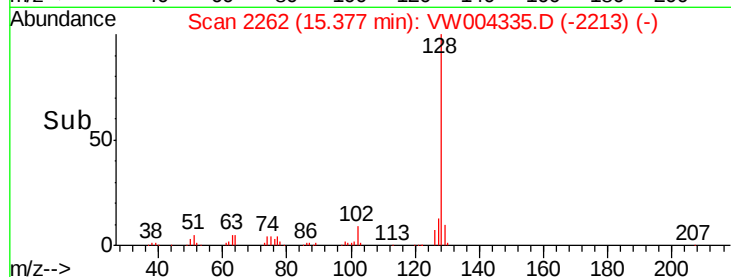
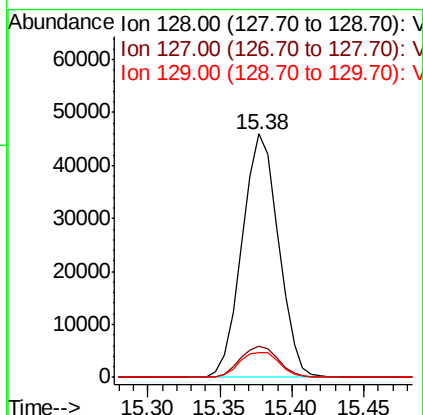
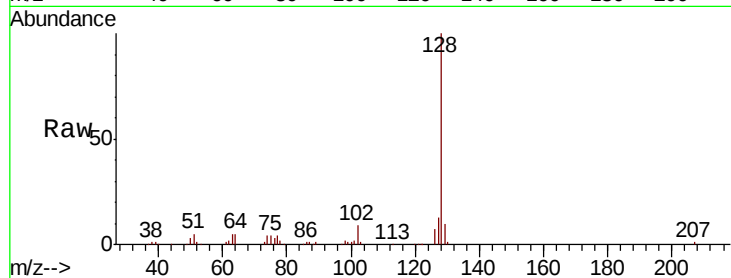




#95
Naphthalene
Concen: 20.731 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 80585
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.088 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004335.D
Acq: 30 Jul 2018 02:26

Tgt Ion:180 Resp: 41692
Ion Ratio Lower Upper
180 100
182 97.0 48.0 144.0
145 31.0 16.2 48.5

