

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004314.D
 Acq On : 29 Jul 2018 14:47
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:32:11 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	180176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87165	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	82316	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.33	98	325380	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.62	95	118557	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47566	70.939	ug/l	100
3) Chloromethane	2.21	50	72543	81.877	ug/l	97
4) Vinyl Chloride	2.36	62	108317	76.204	ug/l	100
5) Bromomethane	2.78	94	83090	84.876	ug/l	99
6) Chloroethane	2.92	64	73443	74.490	ug/l	96
7) Trichlorofluoromethane	3.25	101	51729	53.905	ug/l	99
8) Diethyl Ether	3.67	74	56811	79.616	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76698	45.480	ug/l	93
10) Methyl Iodide	4.26	142	128959	49.300	ug/l	99
11) Tert butyl alcohol	5.17	59	30048	251.048	ug/l	100
12) 1,1-Dichloroethene	4.03	96	80109	46.667	ug/l	96
13) Acrolein	3.89	56	23755	213.800	ug/l	97
14) Allyl chloride	4.66	41	113556	39.329	ug/l	91
15) Acrylonitrile	5.36	53	85393	212.397	ug/l	98
16) Acetone	4.12	43	90359	207.814	ug/l	96
17) Carbon Disulfide	4.37	76	242360	44.471	ug/l	100
18) Methyl Acetate	4.67	43	40206	39.946	ug/l #	90
19) Methyl tert-butyl Ether	5.42	73	156137	48.879	ug/l	95
20) Methylene Chloride	4.91	84	81140	46.508	ug/l	86
21) trans-1,2-Dichloroethene	5.42	96	85589	46.540	ug/l	92
22) Diisopropyl ether	6.32	45	216589	39.699	ug/l #	93
23) Vinyl Acetate	6.26	43	668694	211.264	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	144494	43.263	ug/l	99
25) 2-Butanone	7.17	43	107687	213.338	ug/l	92
26) 2,2-Dichloropropane	7.17	77	91785	45.027	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92815	47.428	ug/l	95
28) Bromochloromethane	7.51	49	44555	36.182	ug/l #	76
29) Tetrahydrofuran	7.53	42	67648	194.783	ug/l #	88
30) Chloroform	7.68	83	156719	46.697	ug/l	99
31) Cyclohexane	7.95	56	125507	40.451	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	131905	47.856	ug/l	97
36) 1,1-Dichloropropene	8.09	75	123898	47.102	ug/l	97
37) Ethyl Acetate	7.26	43	47929	44.465	ug/l #	97
38) Carbon Tetrachloride	8.07	117	129799	49.973	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	152230	48.027	ug/l	94
40) Benzene	8.32	78	343393	46.406	ug/l	99
41) Methacrylonitrile	7.49	41	29389	41.937	ug/l	92
42) 1,2-Dichloroethane	8.40	62	104068	49.192	ug/l	99
43) Isopropyl Acetate	8.43	43	92275	47.498	ug/l	97
44) Trichloroethene	9.09	130	100704	50.408	ug/l	96
45) 1,2-Dichloropropane	9.37	63	78510	42.756	ug/l	94
46) Dibromomethane	9.46	93	44864	47.848	ug/l	92
47) Bromodichloromethane	9.65	83	116404	48.945	ug/l	99
48) Methyl methacrylate	9.44	41	45255	45.739	ug/l	88
49) 1,4-Dioxane	9.45	88	15539	1093.201	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	234204	219.662	ug/l	95
52) Toluene	10.39	92	227174	48.897	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	118743	49.851	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135664	48.854	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	64492	48.274	ug/l	92
56) Ethyl methacrylate	10.65	69	83478	51.636	ug/l	93
57) 1,3-Dichloropropane	10.94	76	107122	47.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	168317	234.375	ug/l	91
59) 2-Hexanone	10.98	43	159592	217.994	ug/l	92
60) Dibromochloromethane	11.13	129	81020	50.684	ug/l	100
61) 1,2-Dibromoethane	11.24	107	63186	49.598	ug/l	99
64) Tetrachloroethene	10.87	164	87561	51.468	ug/l	96
65) Chlorobenzene	11.66	112	246647	50.574	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	90195	52.436	ug/l	97
67) Ethyl Benzene	11.74	91	421316	49.560	ug/l	98
68) m/p-Xylenes	11.85	106	335132	102.446	ug/l	98
69) o-Xylene	12.17	106	152509	50.456	ug/l	98
70) Styrene	12.19	104	263945	51.688	ug/l	99
71) Bromoform	12.35	173	52956	54.934	ug/l #	99
73) Isopropylbenzene	12.47	105	439719	49.888	ug/l	98
74) N-amyl acetate	12.28	43	82234	39.418	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	71293	46.174	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99012	85.346	ug/l #	100
77) Bromobenzene	12.76	156	109373	51.357	ug/l	91
78) n-propylbenzene	12.81	91	533094	49.647	ug/l	97
79) 2-Chlorotoluene	12.90	91	296672	48.305	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	386667	50.923	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	23487	47.108	ug/l	97
82) 4-Chlorotoluene	12.99	91	325668	50.112	ug/l	99
83) tert-Butylbenzene	13.21	119	323055	51.070	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	398069	51.403	ug/l	99
85) sec-Butylbenzene	13.39	105	474364	51.338	ug/l	99
86) p-Isopropyltoluene	13.51	119	427650	51.532	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	218447	51.245	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	216182	50.831	ug/l	97
89) n-Butylbenzene	13.83	91	378362	48.825	ug/l	98
90) Hexachloroethane	14.10	117	72959	49.292	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	192818	50.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13795	51.183	ug/l	94

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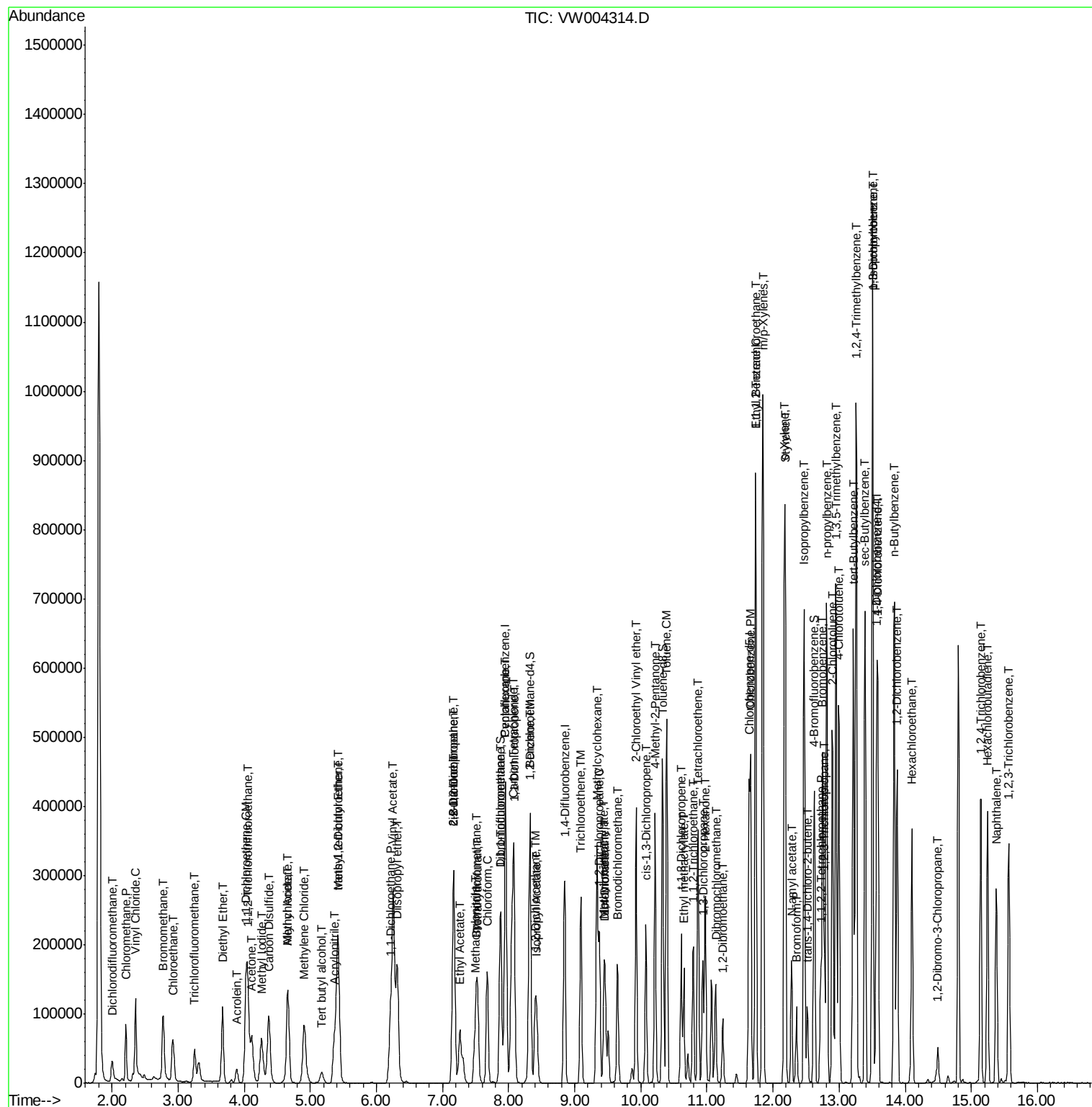
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	144821	54.055	ug/l	100
94) Hexachlorobutadiene	15.24	225	86236	52.684	ug/l	97
95) Naphthalene	15.38	128	254667	55.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	125612	53.580	ug/l	99

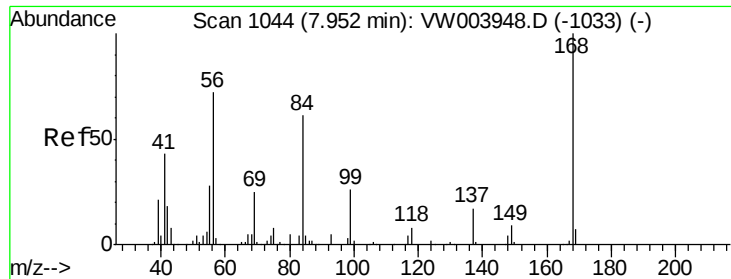
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

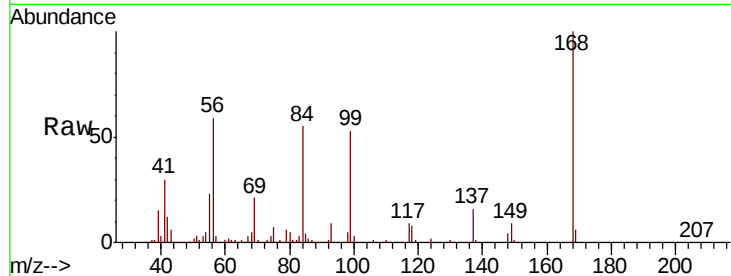
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 180176

Ion Ratio Lower Upper

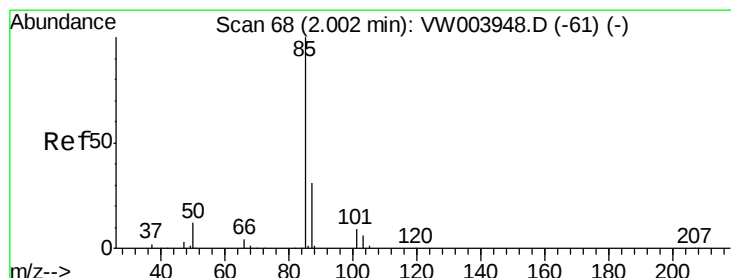
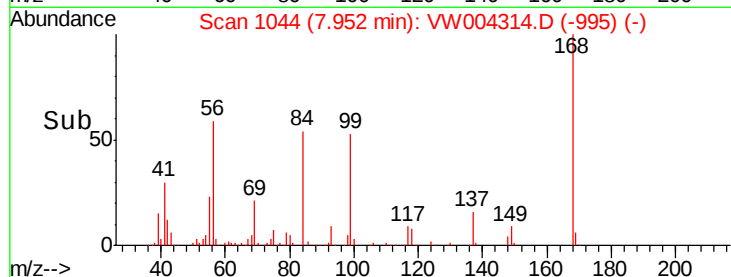
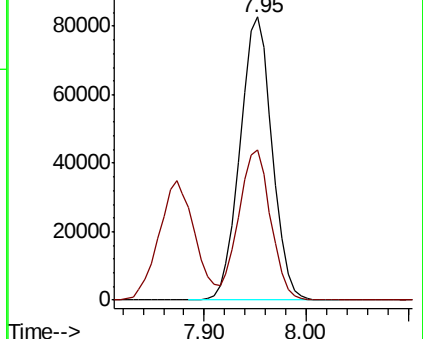
168 100

99 53.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 70.939 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004314.D

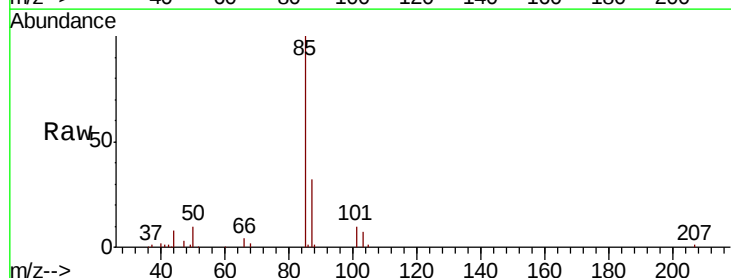
Acq: 29 Jul 2018 14:47

Tgt Ion: 85 Resp: 47566

Ion Ratio Lower Upper

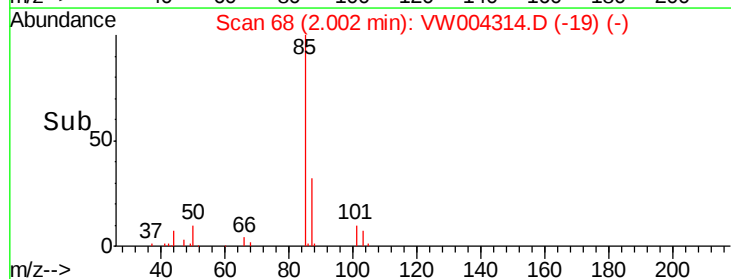
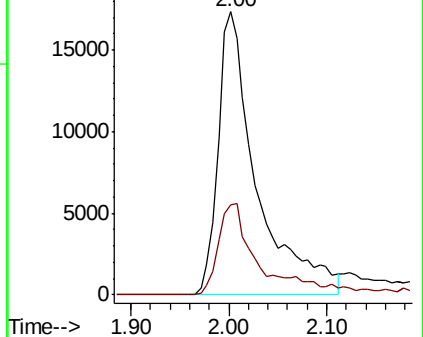
85 100

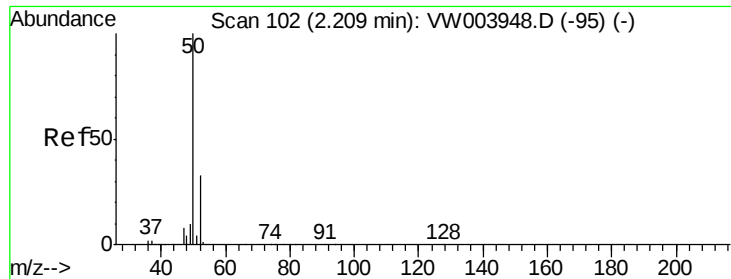
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 81.877 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

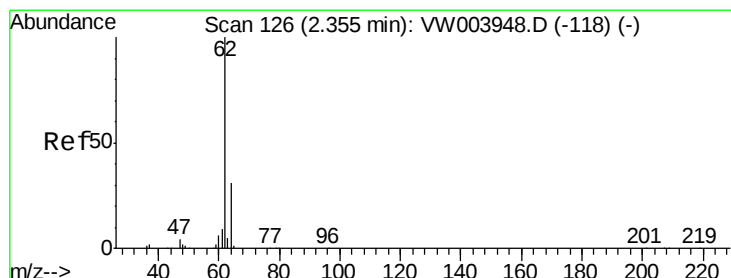
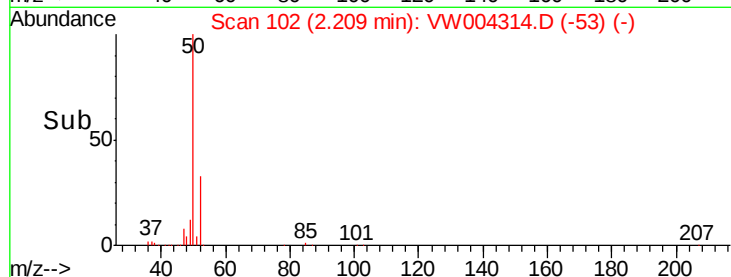
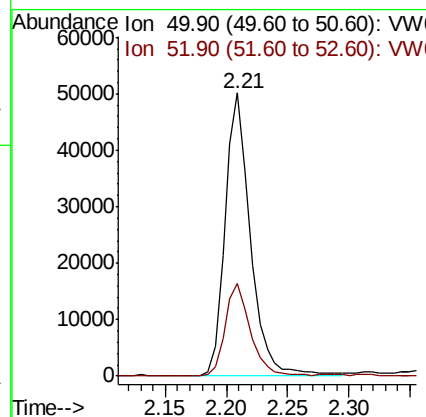
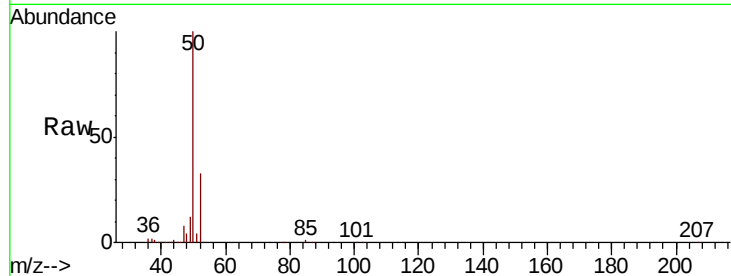
ClientSampled :

Tot Ion: 50 Resp: 72543

Ion Ratio Lower Upper

50 100

52 32.7 24.8 37.2



#4

Vinyl Chloride

Concen: 76.204 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004314.D

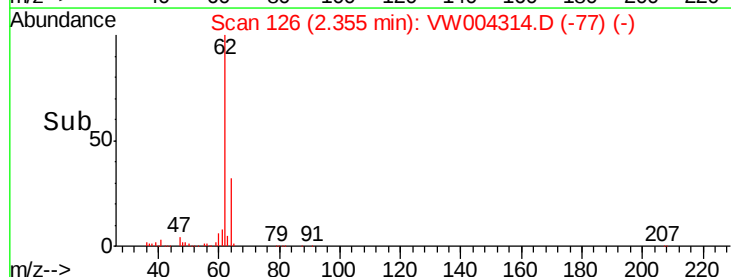
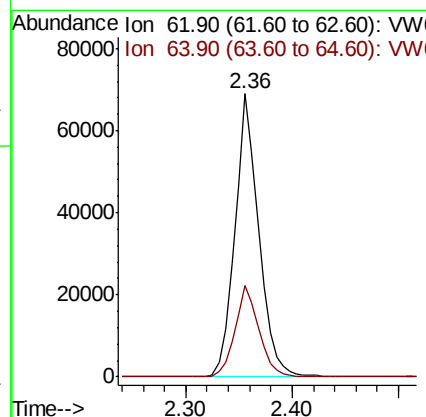
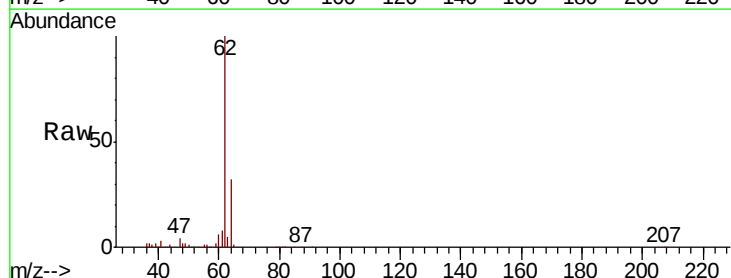
Acq: 29 Jul 2018 14:47

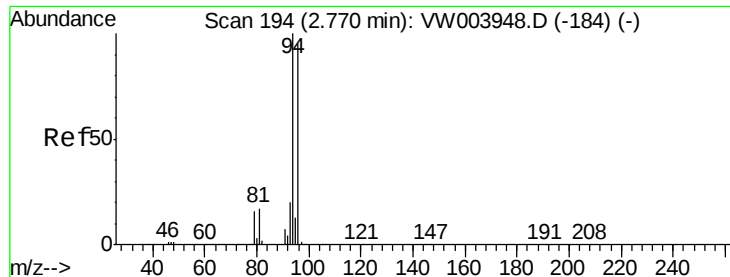
Tgt Ion: 62 Resp: 108317

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 84.876 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

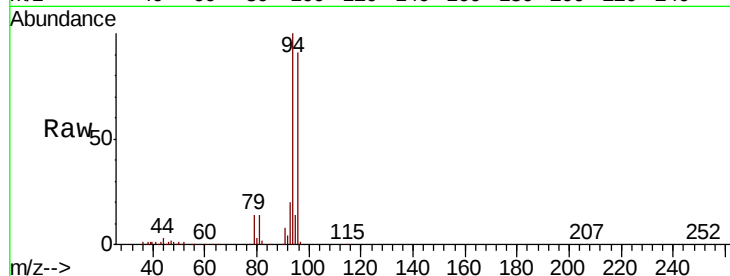
ClientSampled :

Tot Ion: 94 Resp: 83090

Ion Ratio Lower Upper

94 100

96 90.9 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

40000

30000

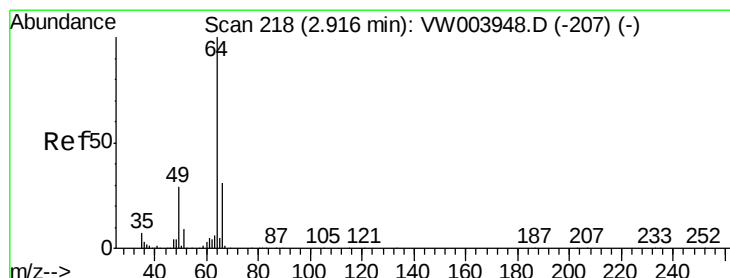
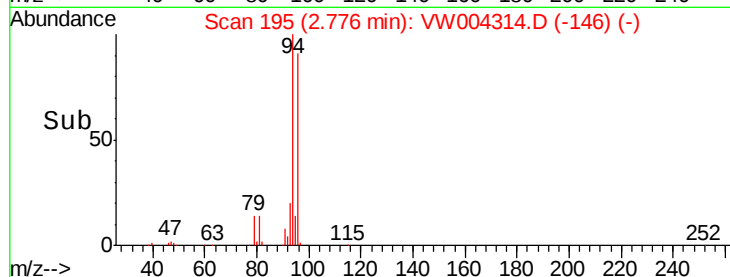
20000

10000

0

Time-->

2.60 2.70 2.80 2.90 3.00



#6

Chloroethane

Concen: 74.490 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004314.D

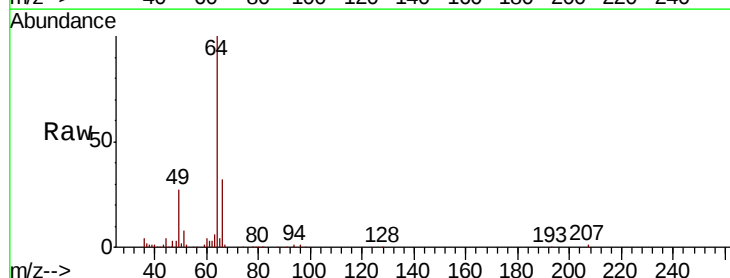
Acq: 29 Jul 2018 14:47

Tgt Ion: 64 Resp: 73443

Ion Ratio Lower Upper

64 100

66 31.6 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

30000

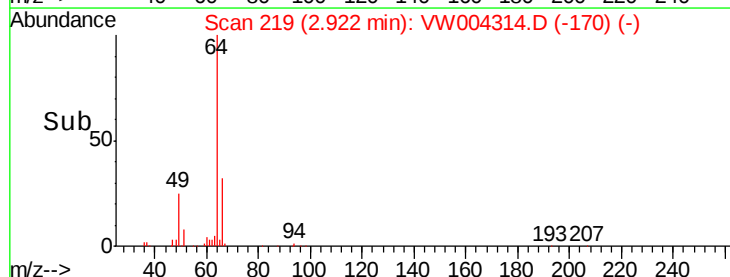
20000

10000

0

Time-->

2.80 2.90 3.00



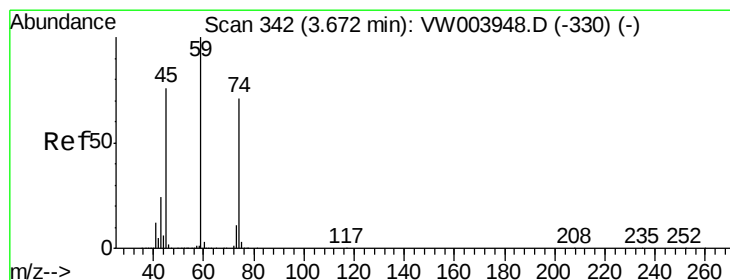
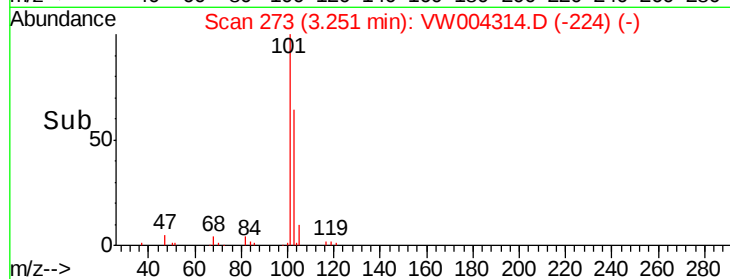
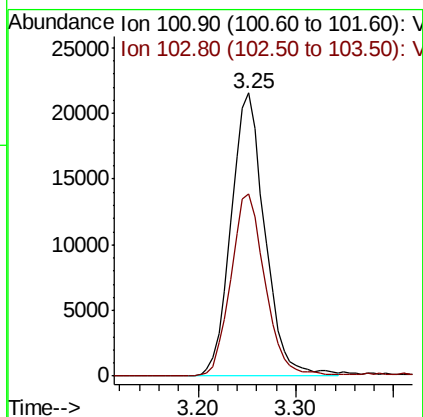
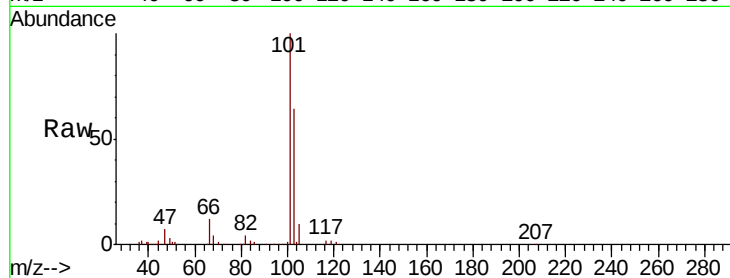


#7

Trichlorofluoromethane
Concen: 53.905 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :

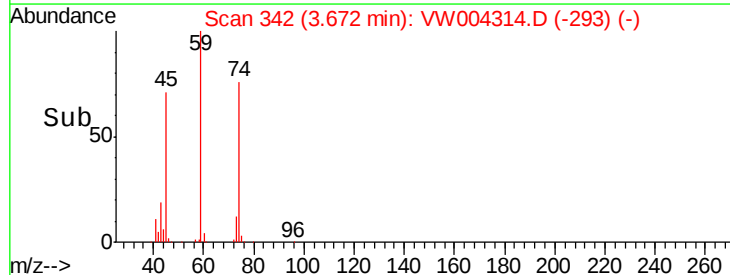
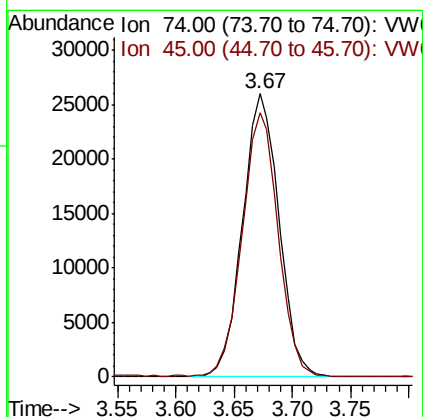
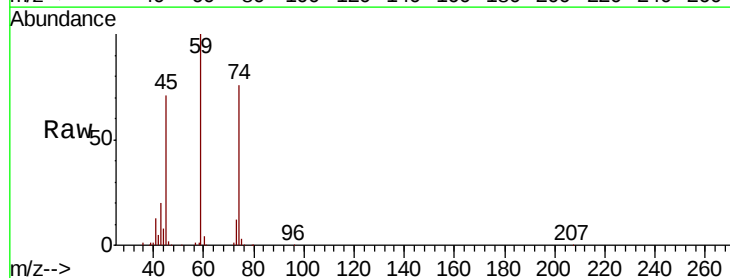
Tot Ion:101 Resp: 51729
Ion Ratio Lower Upper
101 100
103 64.3 50.8 76.2

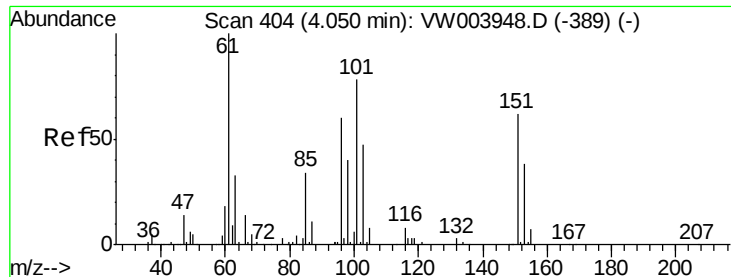


#8

Diethyl Ether
Concen: 79.616 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 74 Resp: 56811
Ion Ratio Lower Upper
74 100
45 92.8 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.480 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampled :

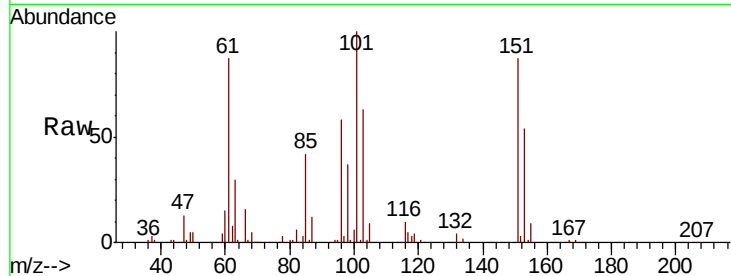
Tot Ion:101 Resp: 76698

Ion Ratio Lower Upper

101 100

85 42.3 35.5 53.3

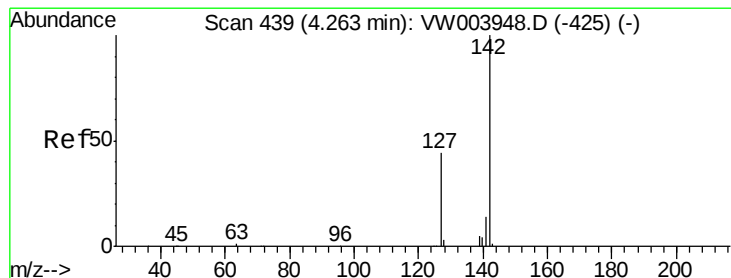
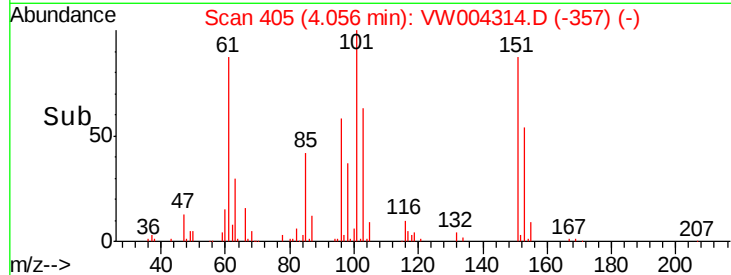
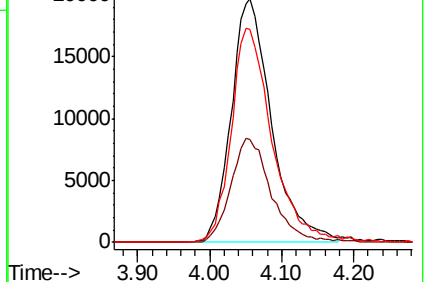
151 88.2 64.6 97.0



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: 49.300 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

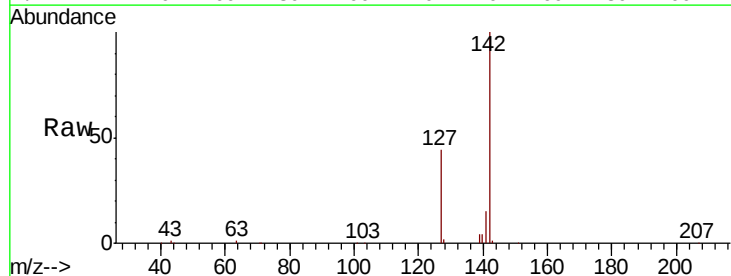
Tgt Ion:142 Resp: 128959

Ion Ratio Lower Upper

142 100

127 42.2 34.6 52.0

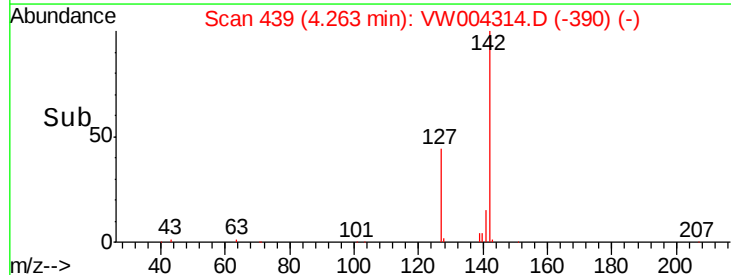
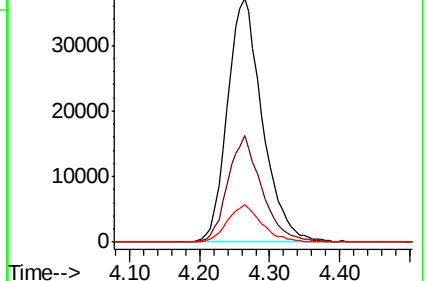
141 14.8 11.5 17.3

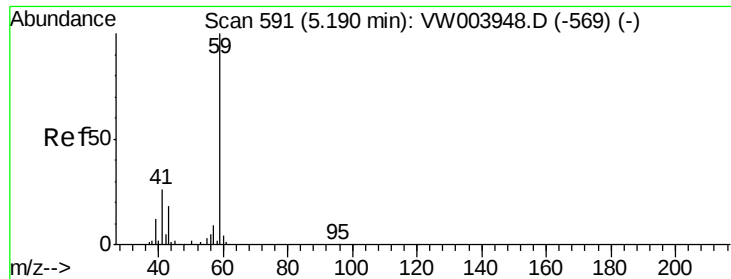


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



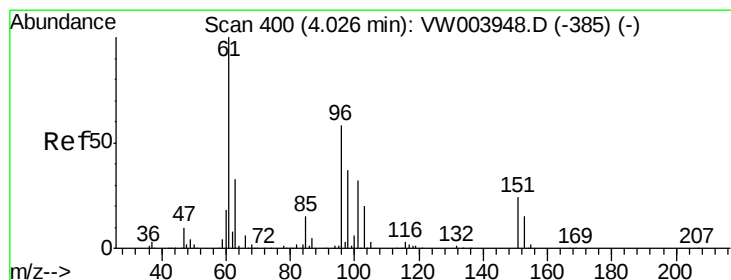
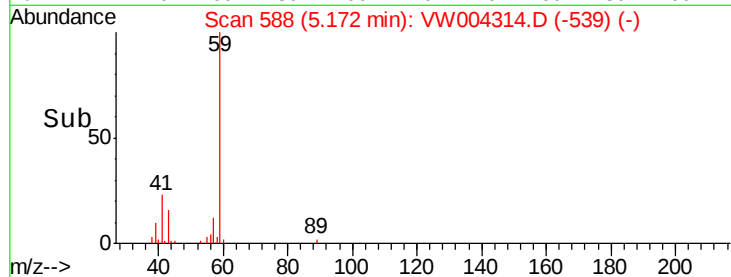
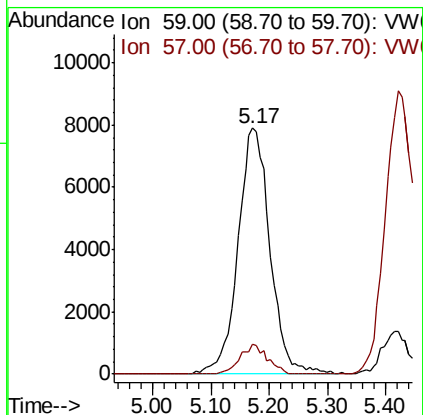
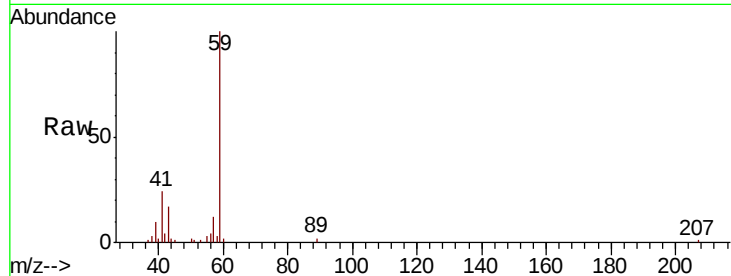


#11

Tert butyl alcohol
Concen: 251.048 ug/l
RT: 5.17 min Scan# 588
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampled :

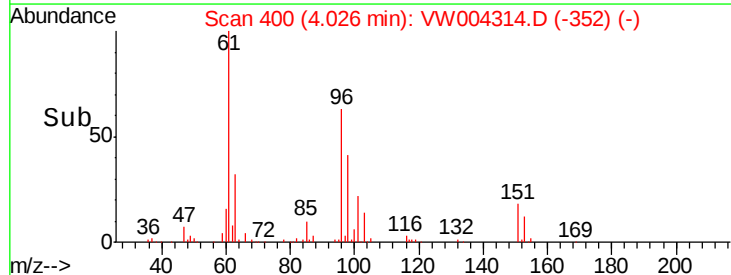
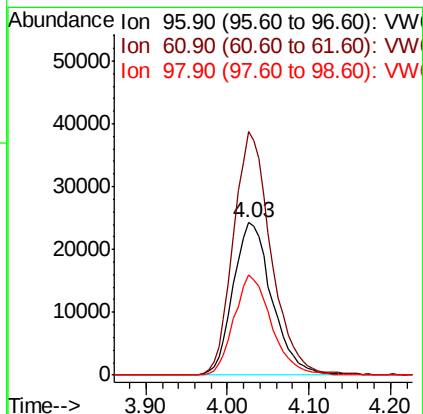
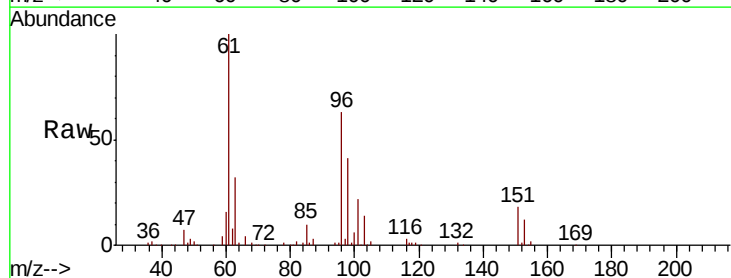
Tot Ion: 59 Resp: 30048
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

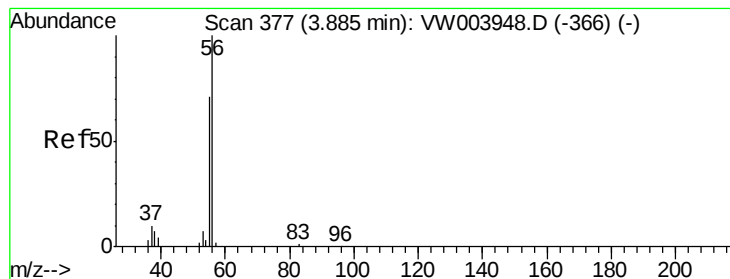


#12

1,1-Dichloroethene
Concen: 46.667 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 96 Resp: 80109
Ion Ratio Lower Upper
96 100
61 159.5 133.4 200.0
98 65.7 51.9 77.9





#13

Acrolein

Concen: 213.800 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

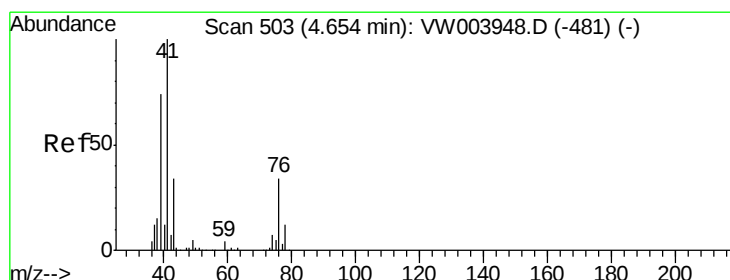
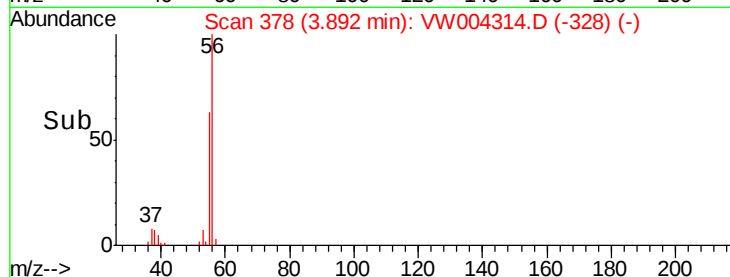
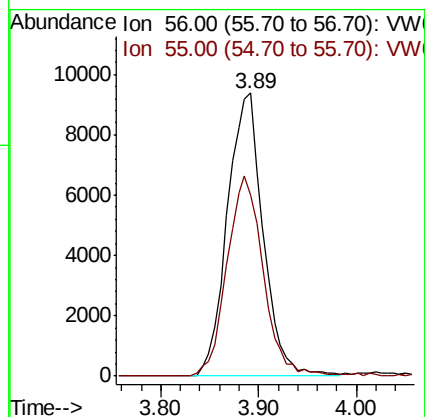
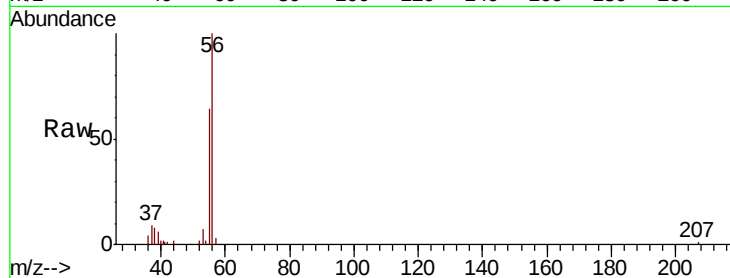
ClientSampleId :

Tot Ion: 56 Resp: 23755

Ion Ratio Lower Upper

56 100

55 71.9 59.4 89.2



#14

Allyl chloride

Concen: 39.329 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

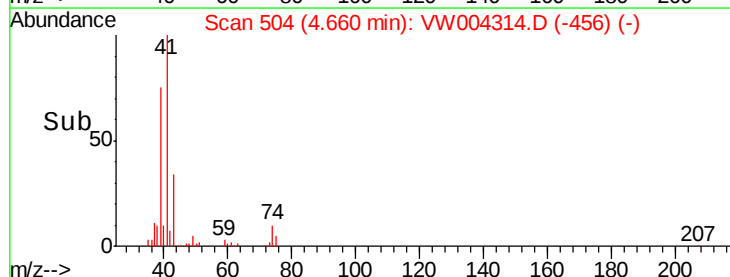
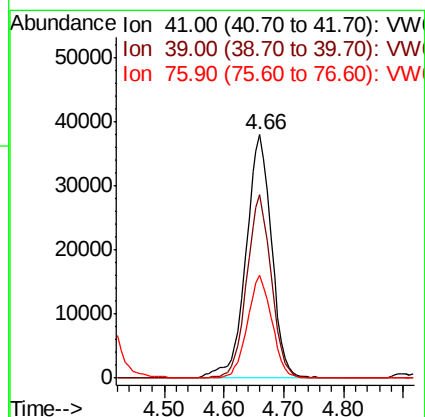
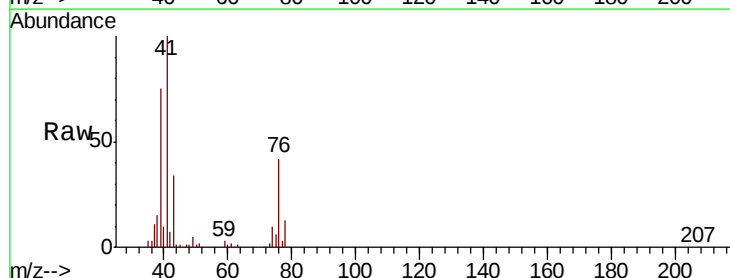
Tgt Ion: 41 Resp: 113556

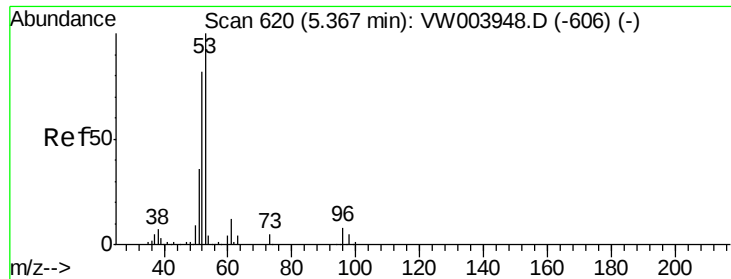
Ion Ratio Lower Upper

41 100

39 72.4 52.3 78.5

76 40.0 27.3 40.9





#15

Acrylonitrile

Concen: 212.397 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

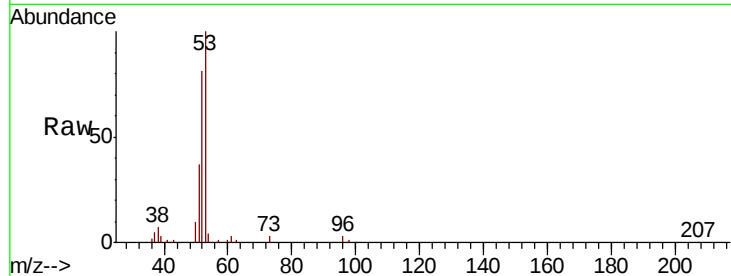
Tot Ion: 53 Resp: 85393

Ion Ratio Lower Upper

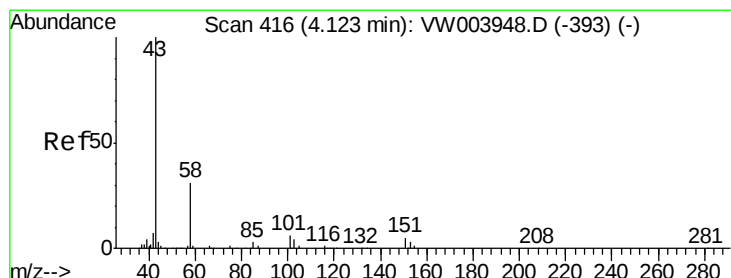
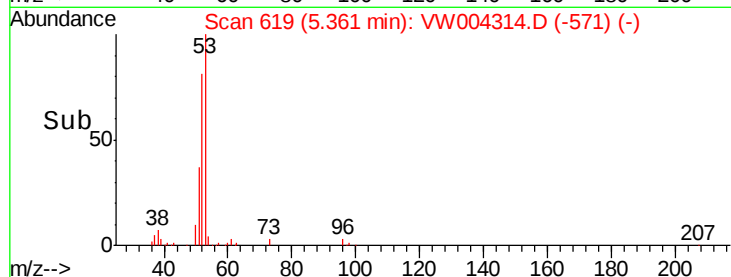
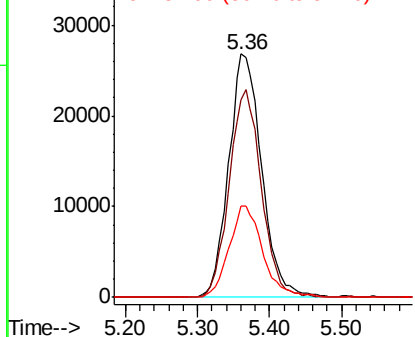
53 100

52 82.9 65.7 98.5

51 38.2 29.2 43.8



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



#16

Acetone

Concen: 207.814 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004314.D

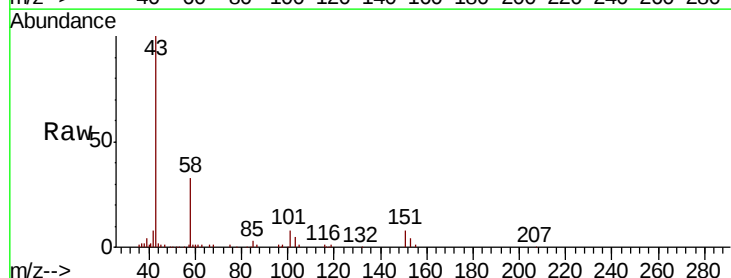
Acq: 29 Jul 2018 14:47

Tgt Ion: 43 Resp: 90359

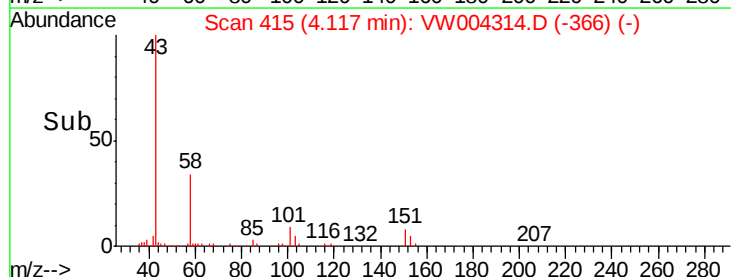
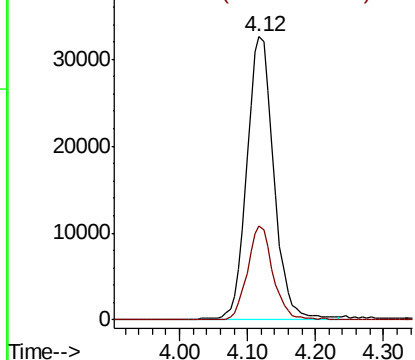
Ion Ratio Lower Upper

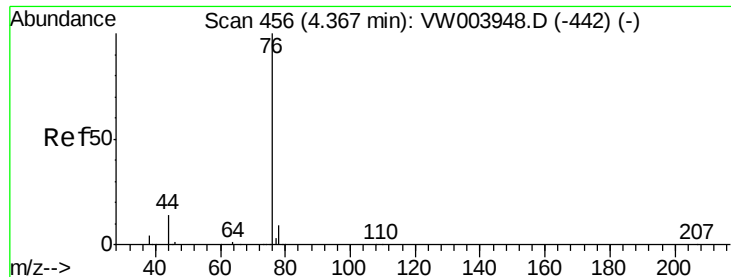
43 100

58 33.3 24.8 37.2



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

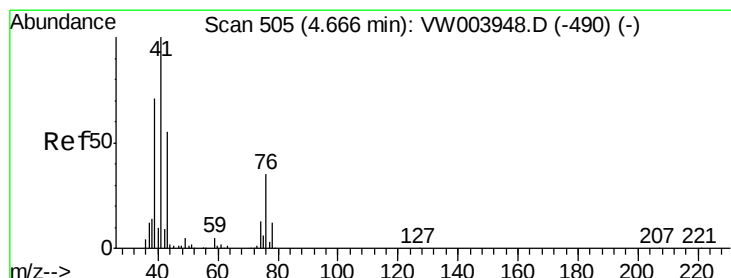
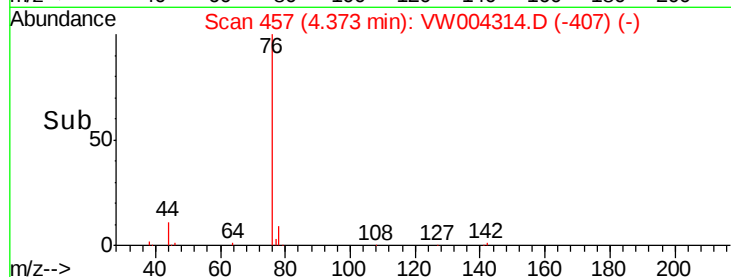
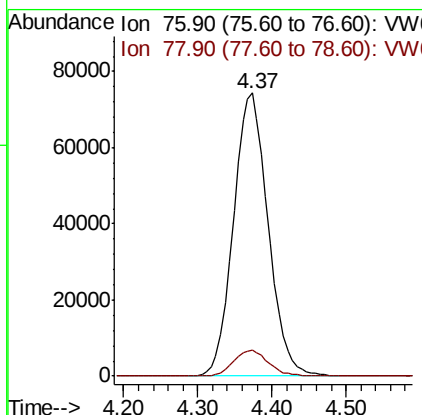
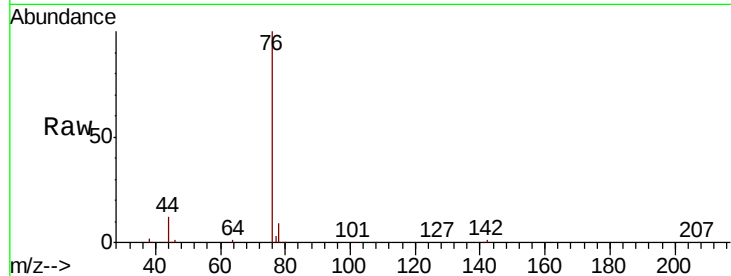




#17
Carbon Disulfide
Concen: 44.471 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

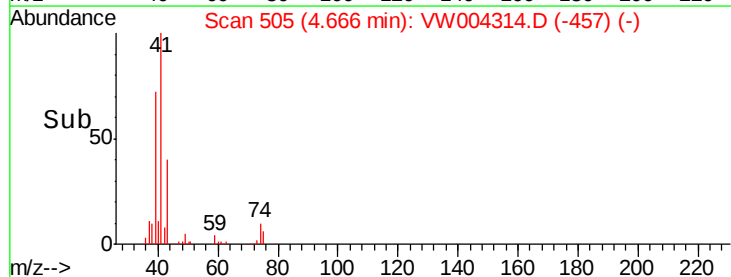
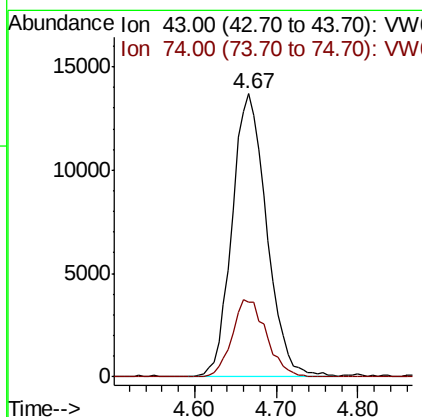
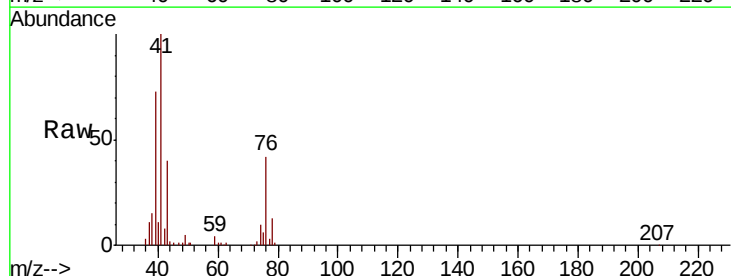
Instrument :
MSVOA_W
ClientSampleId :

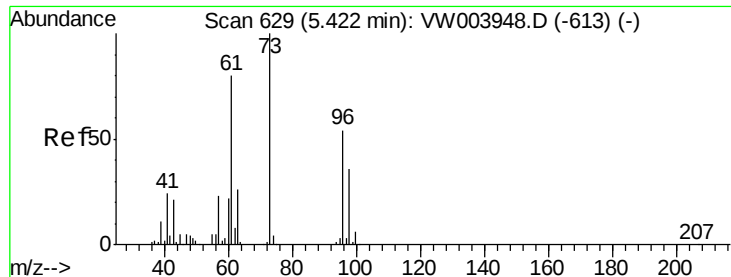
Tot Ion: 76 Resp: 242360
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 39.946 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 43 Resp: 40206
Ion Ratio Lower Upper
43 100
74 27.0 17.8 26.6#

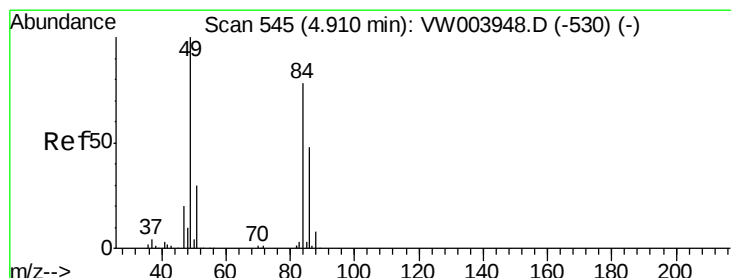
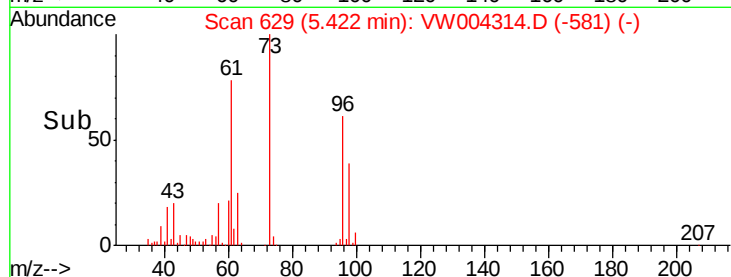
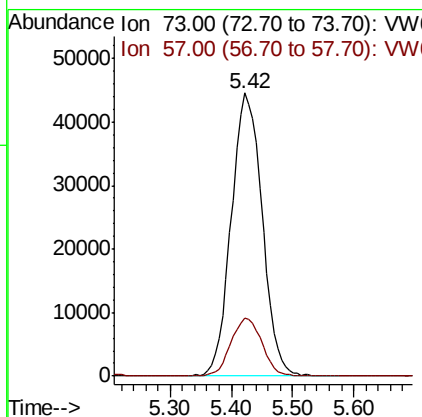
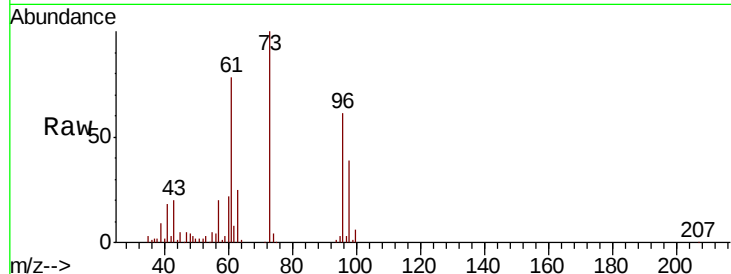




#19
Methyl tert-butyl Ether
Concen: 48.879 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

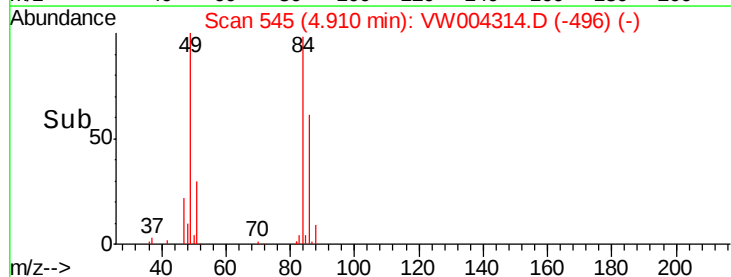
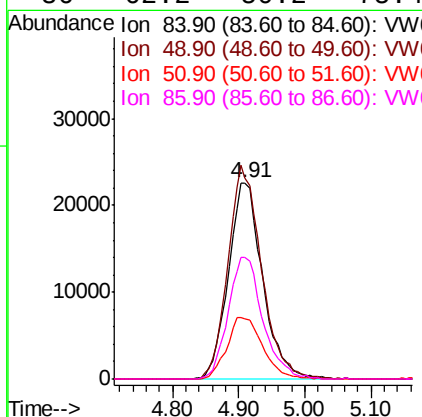
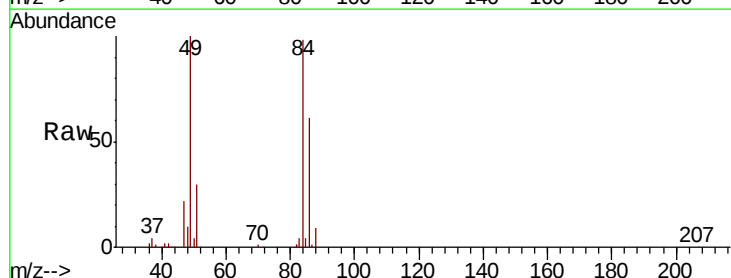
Instrument :
MSVOA_W
ClientSampled :

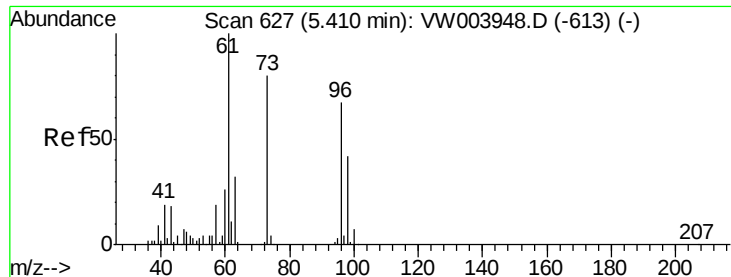
Tot Ion: 73 Resp: 156137
Ion Ratio Lower Upper
73 100
57 20.4 18.4 27.6



#20
Methylene Chloride
Concen: 46.508 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 84 Resp: 81140
Ion Ratio Lower Upper
84 100
49 102.6 100.5 150.7
51 31.0 30.9 46.3
86 62.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 46.540 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampled :

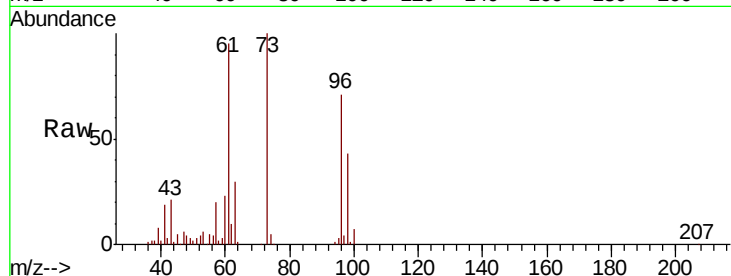
Tot Ion: 96 Resp: 85589

Ion Ratio Lower Upper

96 100

61 133.5 116.2 174.2

98 61.2 52.9 79.3

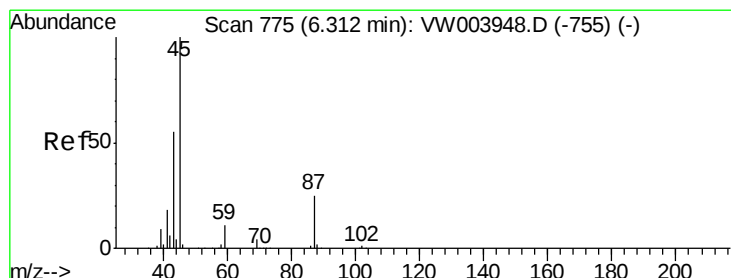
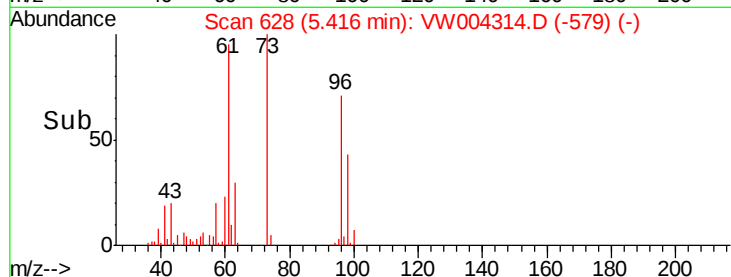
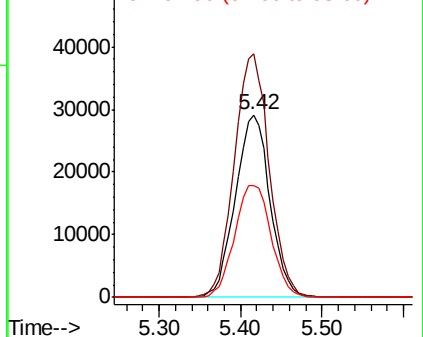


Abundance

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: 39.699 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion: 45 Resp: 216589

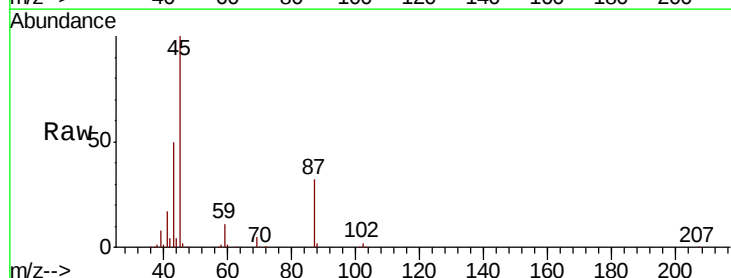
Ion Ratio Lower Upper

45 100

43 50.0 42.3 63.5

87 32.1 19.9 29.9#

59 11.3 8.7 13.1



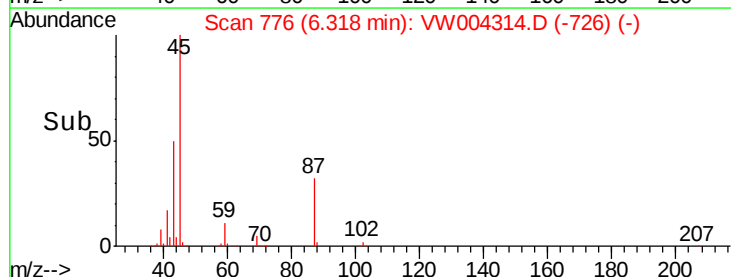
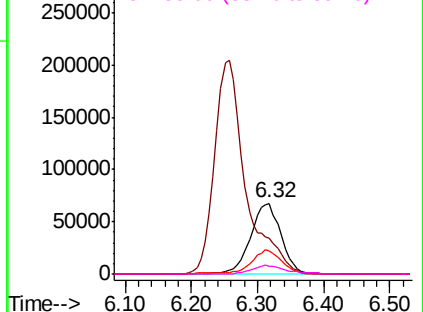
Abundance

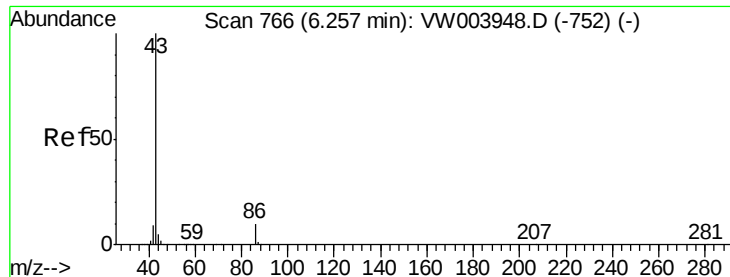
Ion 45.00 (44.70 to 45.70): VW

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: 211.264 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

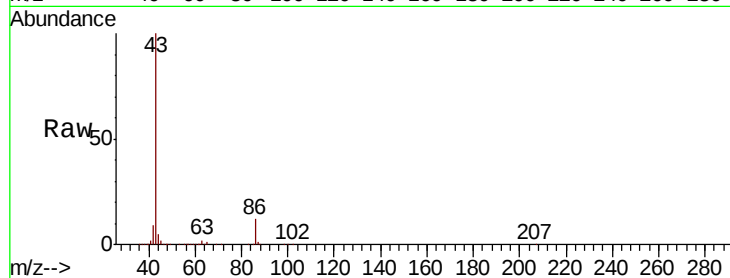
ClientSampleId :

Tot Ion: 43 Resp: 668694

Ion Ratio Lower Upper

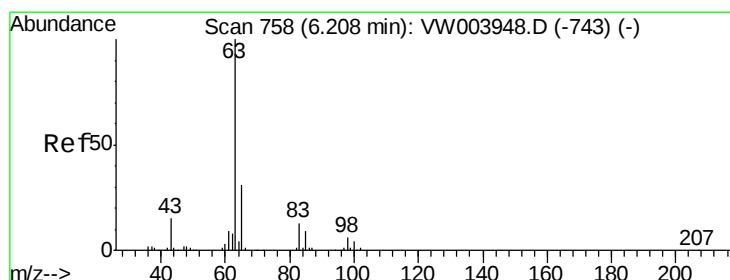
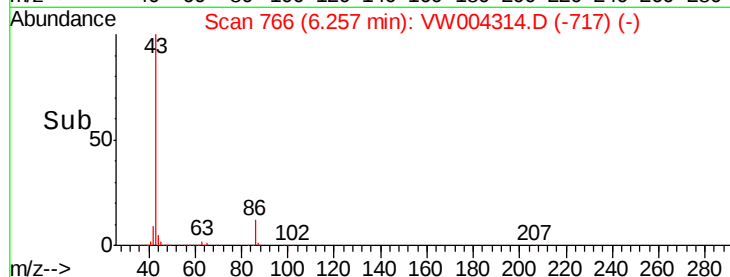
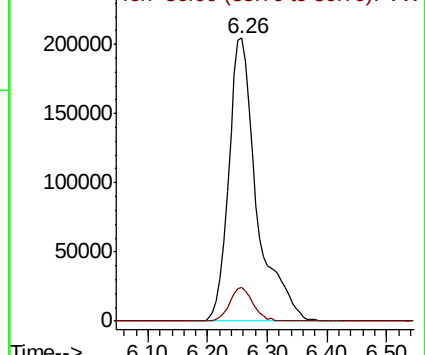
43 100

86 11.9 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 43.263 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

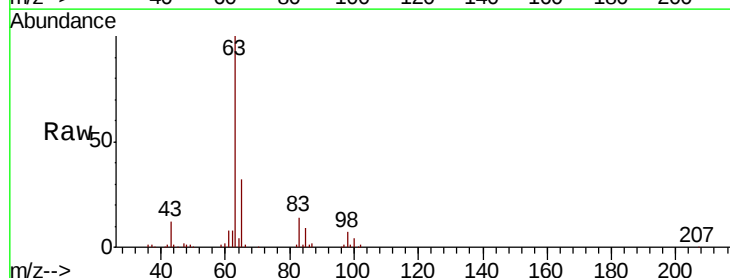
Tgt Ion: 63 Resp: 144494

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

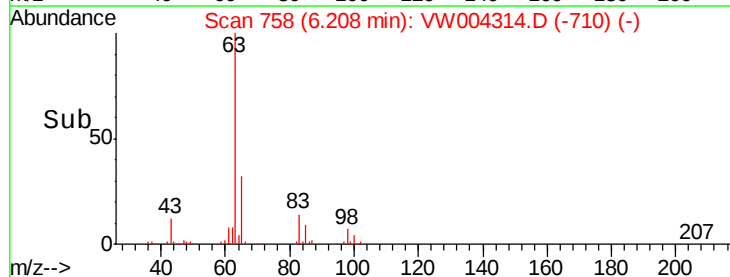
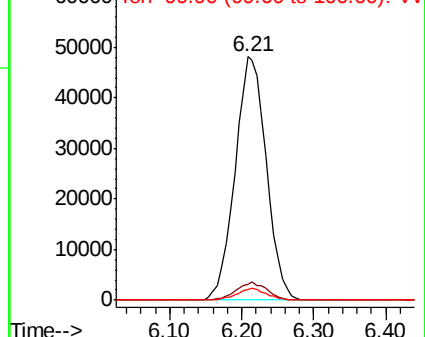
100 4.2 2.3 6.9

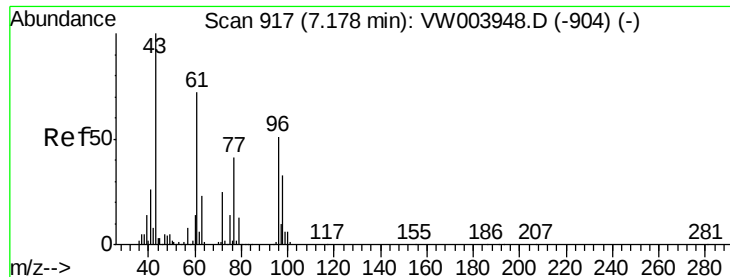


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 213.338 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

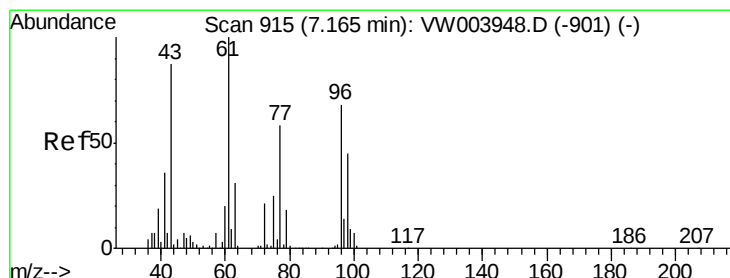
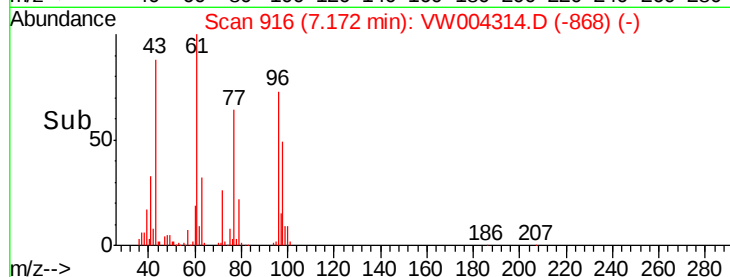
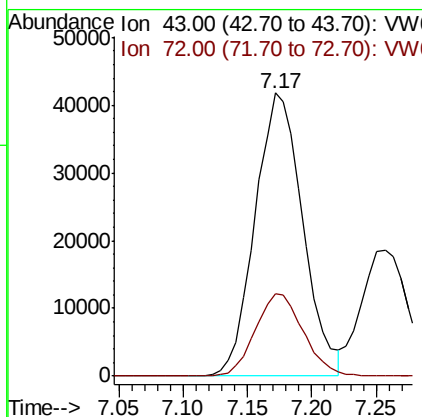
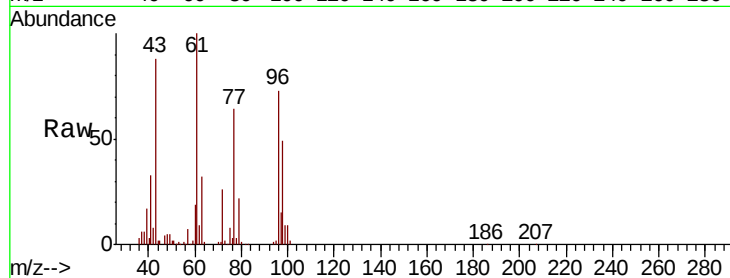
ClientSampled :

Tot Ion: 43 Resp: 107687

Ion Ratio Lower Upper

43 100

72 29.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 45.027 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004314.D

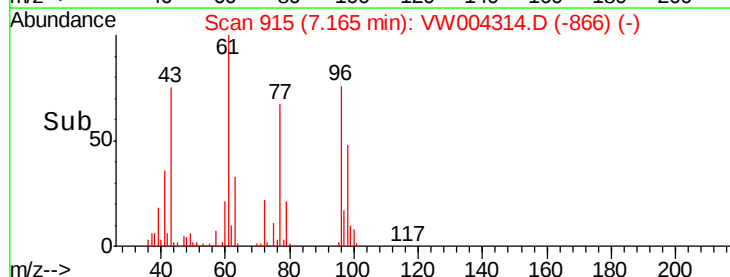
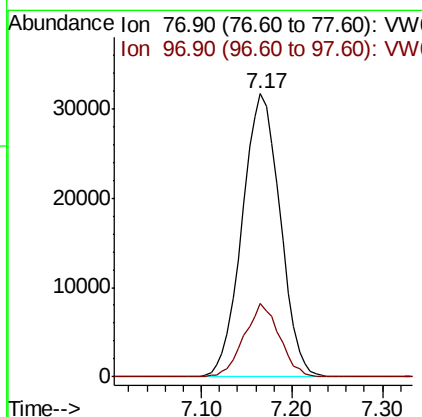
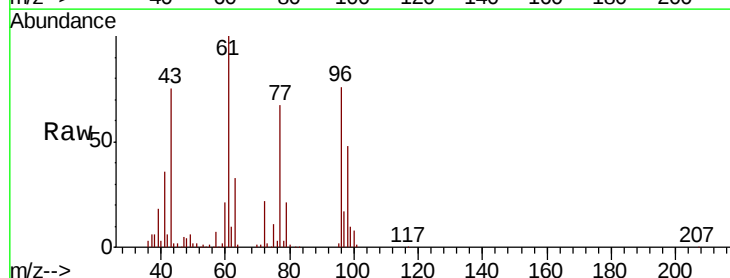
Acq: 29 Jul 2018 14:47

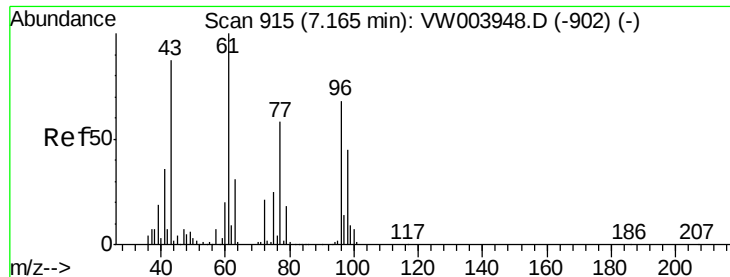
Tgt Ion: 77 Resp: 91785

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1



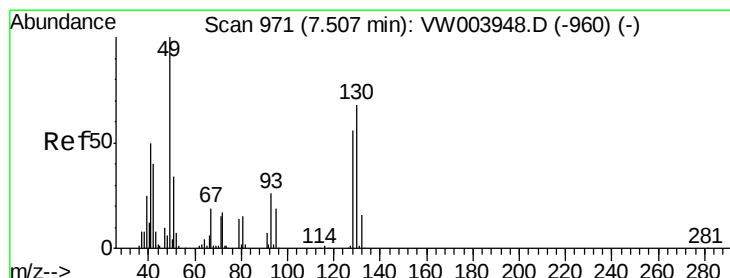
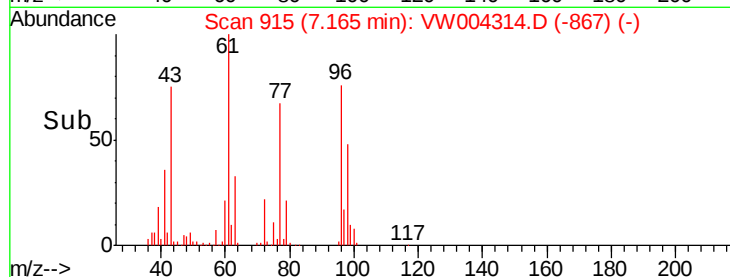
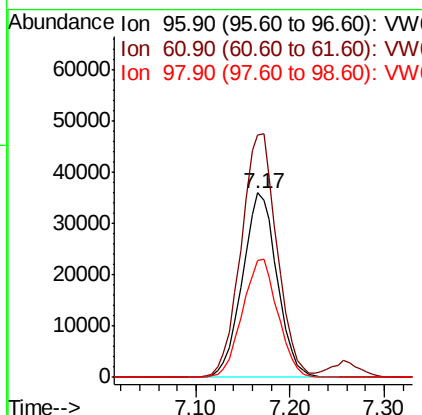
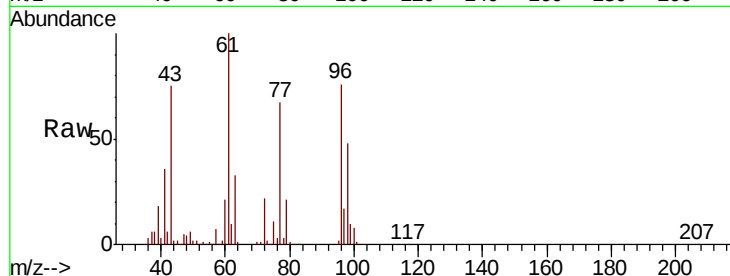


#27

cis-1,2-Dichloroethene
 Concen: 47.428 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

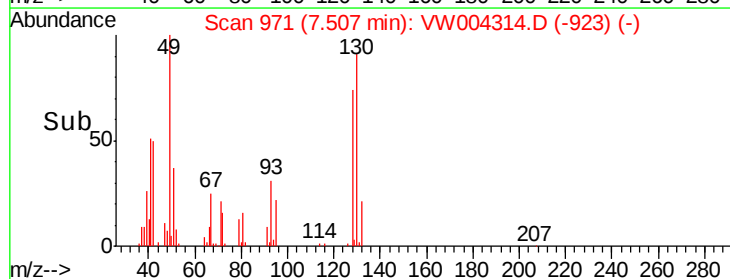
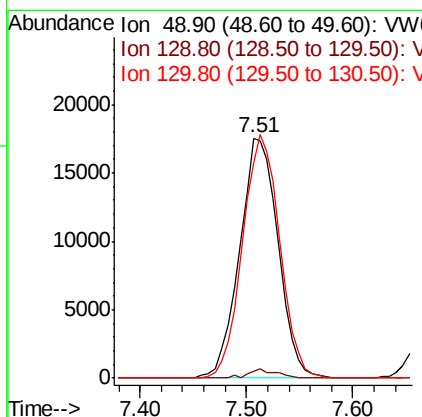
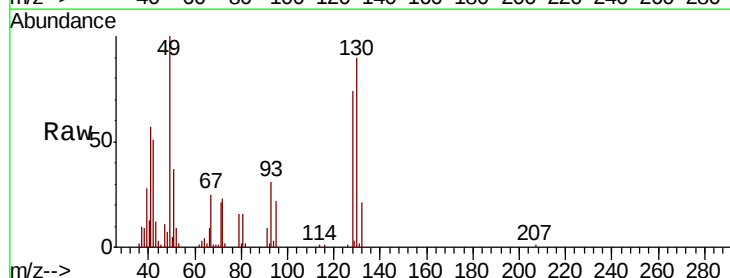
Tot Ion	96	Resp	92815
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	292.0
98	65.2	0.0	129.6

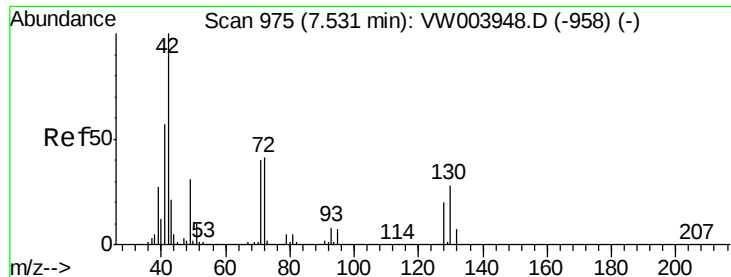


#28

Bromochloromethane
 Concen: 36.182 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	49	Resp	44555
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	98.4	61.5	92.3#

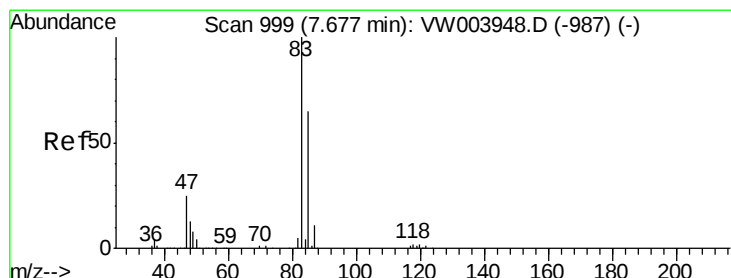
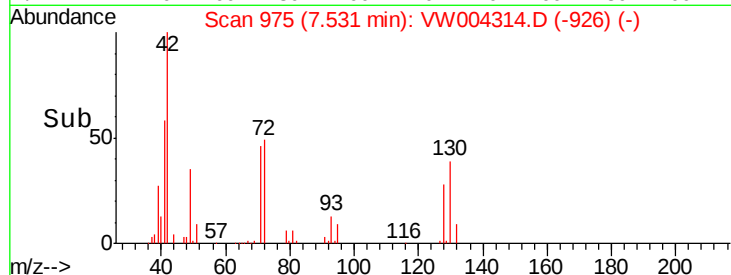
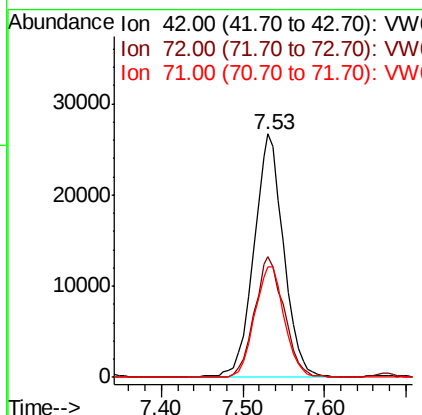
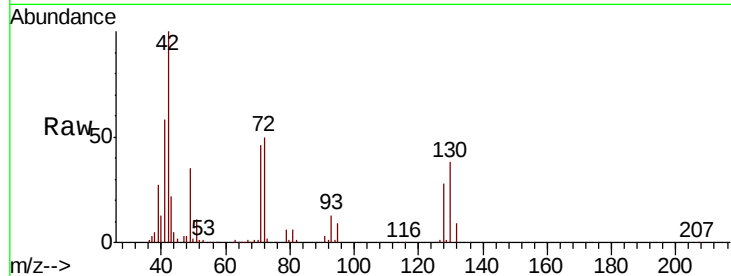




#29
Tetrahydrofuran
Concen: 194.783 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

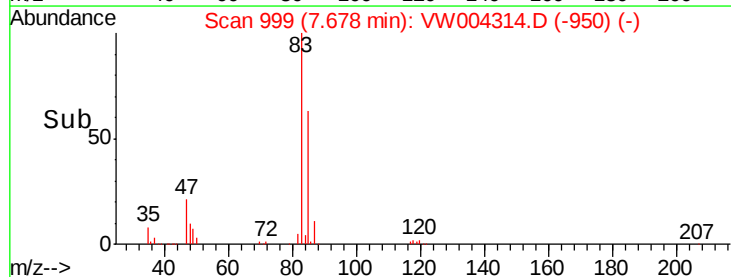
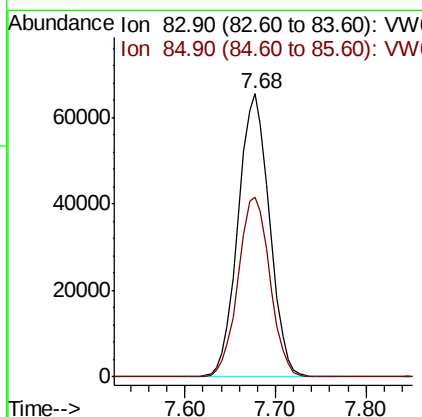
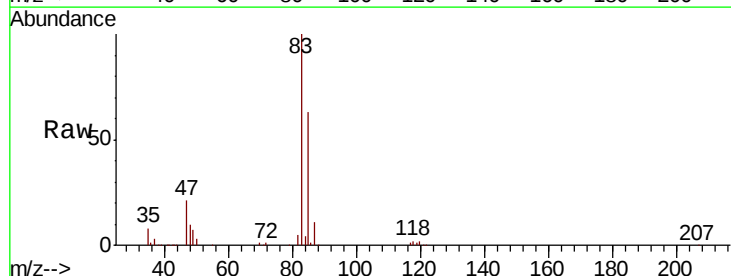
Instrument :
MSVOA_W
ClientSampled :

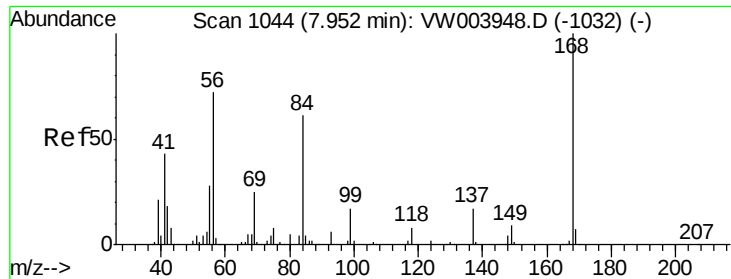
Tot Ion: 42 Resp: 67648
Ion Ratio Lower Upper
42 100
72 49.1 32.6 48.8#
71 45.5 31.3 46.9



#30
Chloroform
Concen: 46.697 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 83 Resp: 156719
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3





#31

Cyclohexane

Concen: 40.451 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :

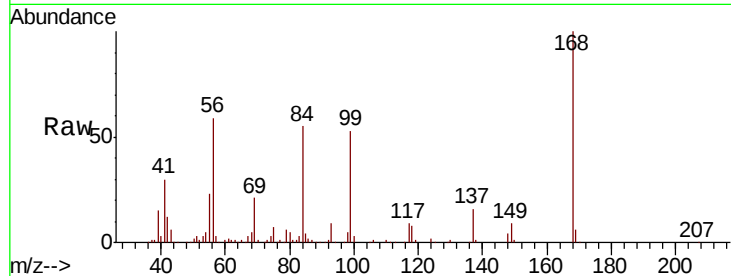
Tot Ion: 56 Resp: 125507

Ion Ratio Lower Upper

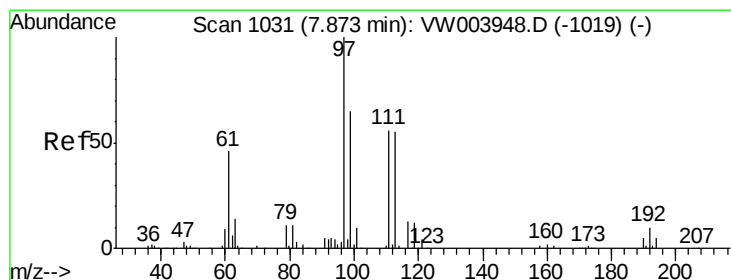
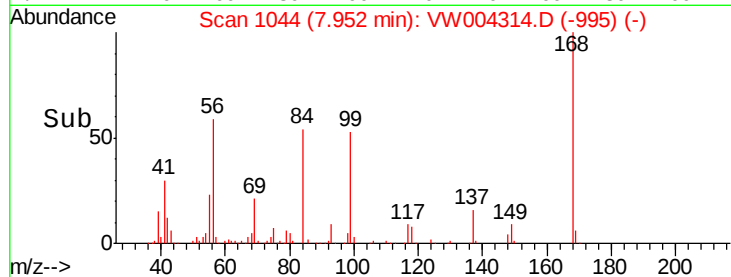
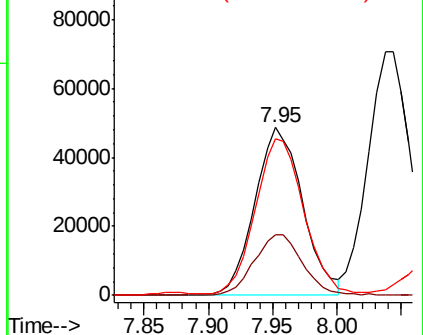
56 100

69 36.1 26.3 39.5

84 92.2 66.2 99.4



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



#32

1,1,1-Trichloroethane

Concen: 47.856 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

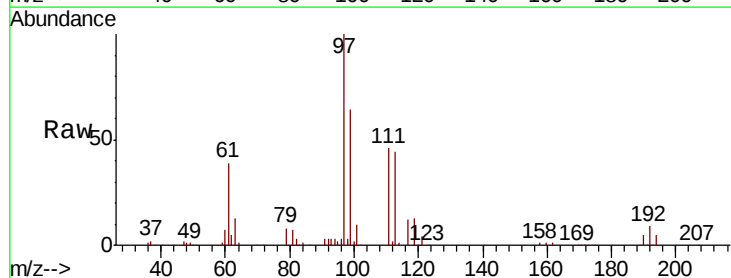
Tgt Ion: 97 Resp: 131905

Ion Ratio Lower Upper

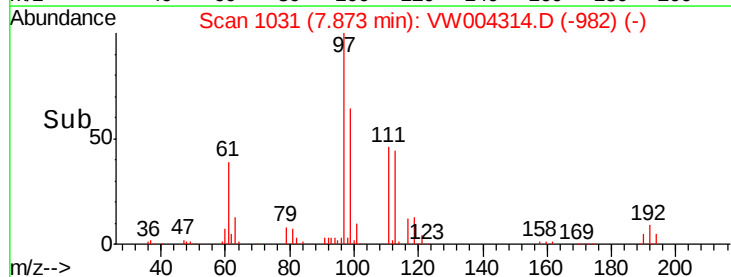
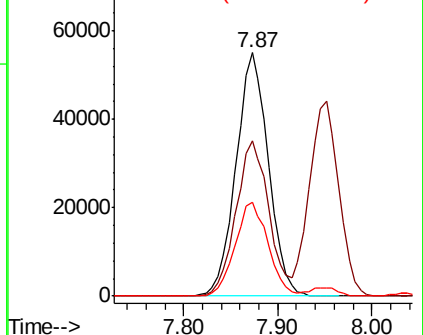
97 100

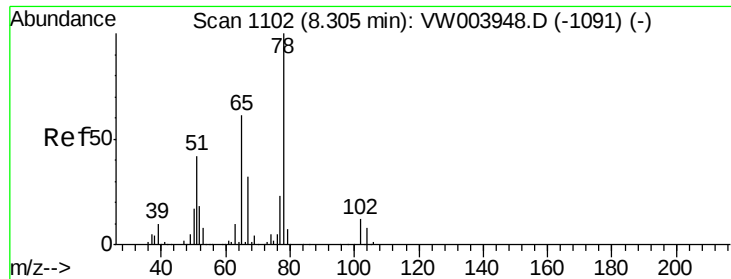
99 65.4 51.7 77.5

61 39.4 34.8 52.2



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

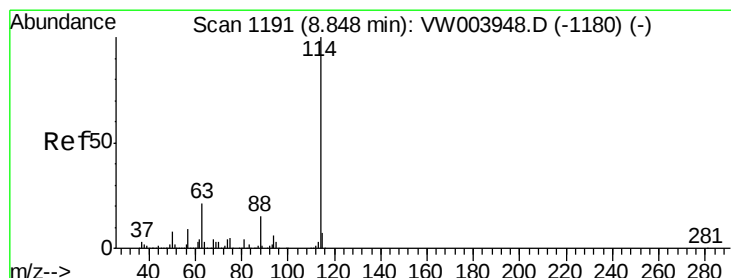
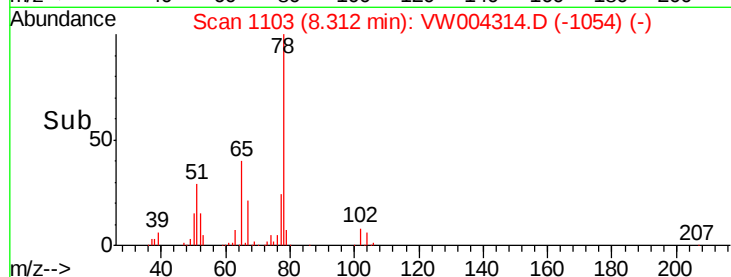
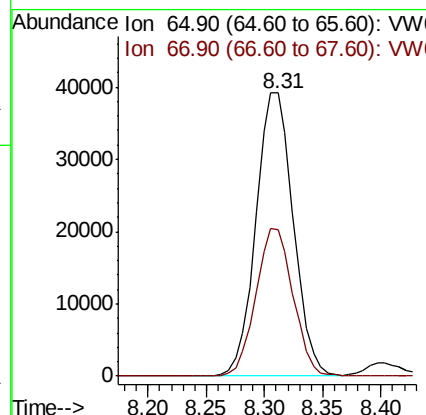
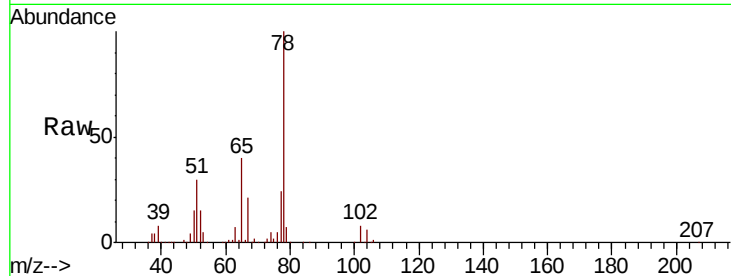




#33
 1,2-Dichloroethane-d4
 Concen: 47.959 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

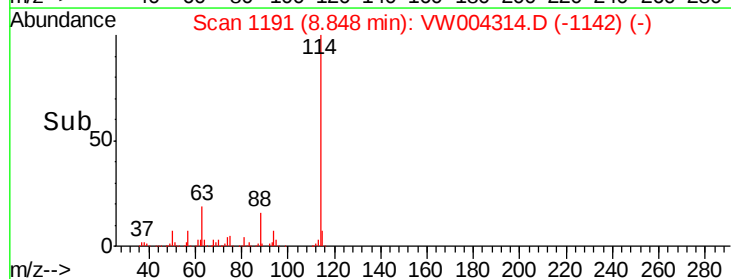
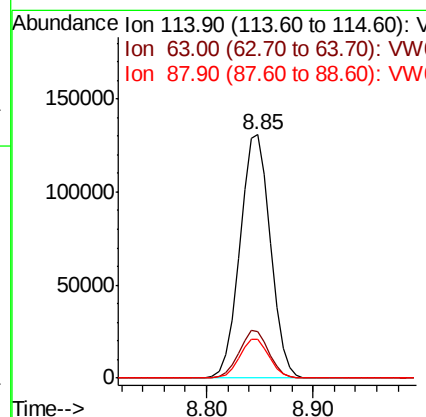
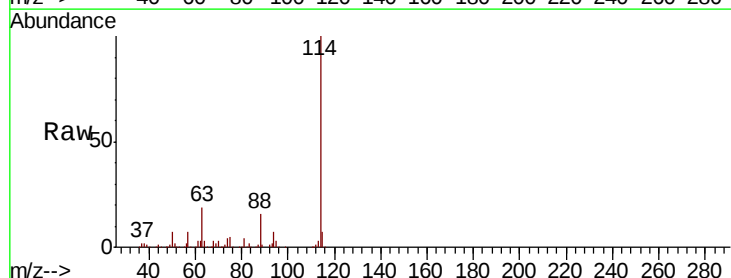
Instrument :
 MSVOA_W
 ClientSampleId :

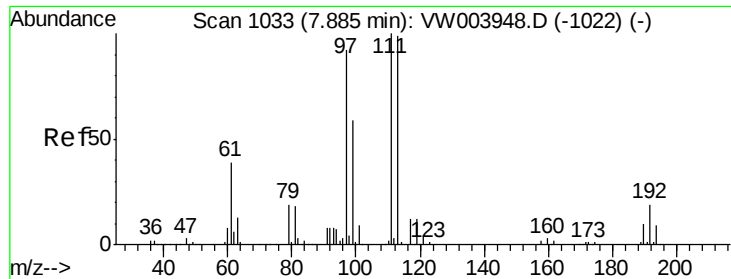
Tot Ion: 65 Resp: 87165
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 114 Resp: 262941
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.7 0.0 30.6

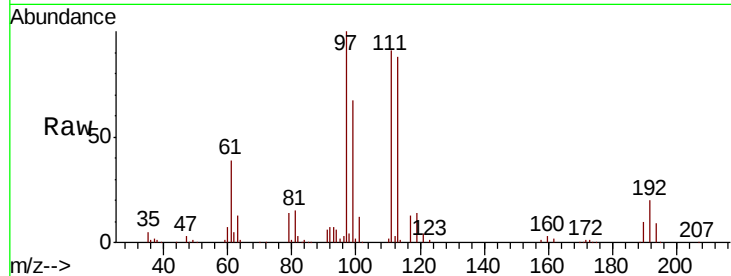




#35
 Dibromofluoromethane
 Concen: 49.538 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	22.9	16.2	24.4

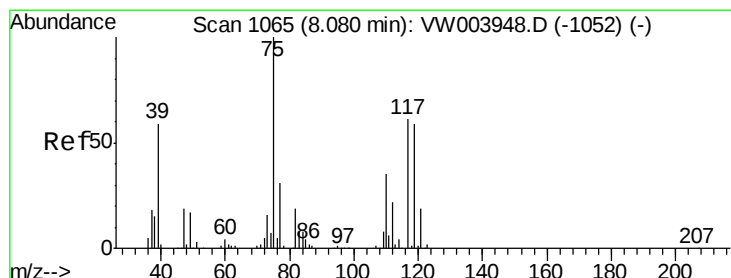
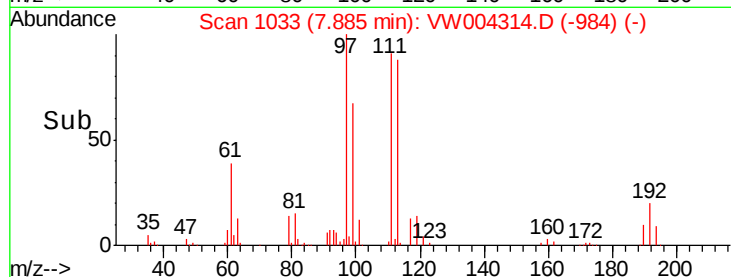
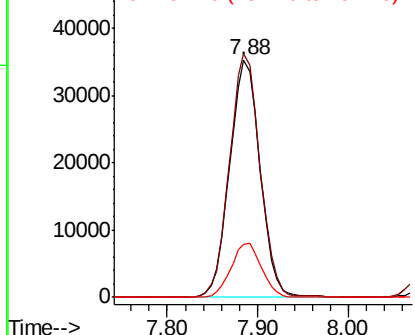


Abundance

Ion 112.80 (112.50 to 113.50): V

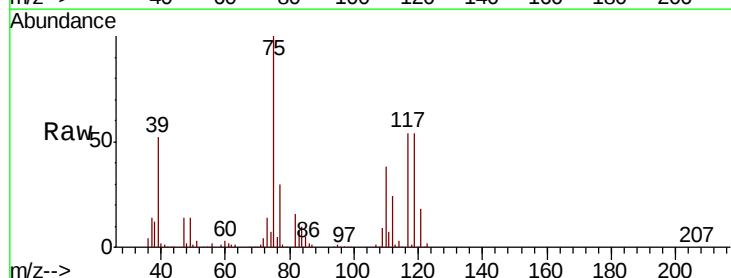
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.102 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.3	52.0
77	30.7	25.0	37.6

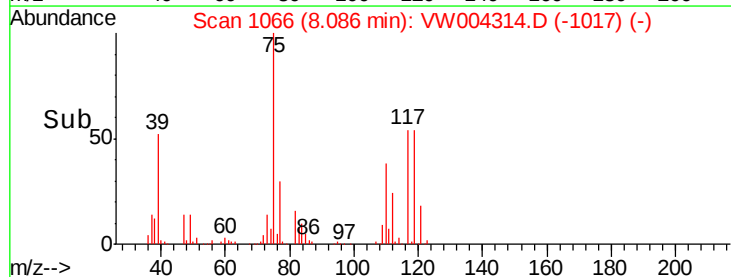
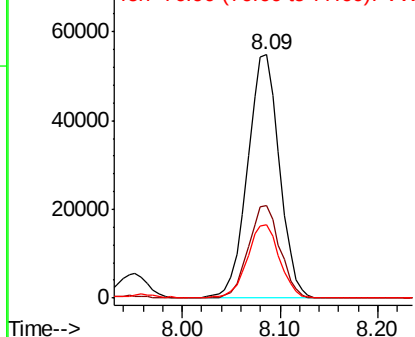


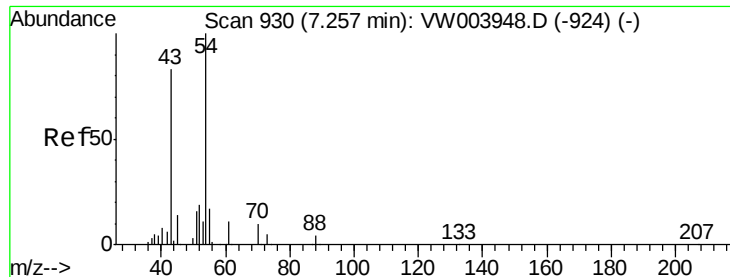
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

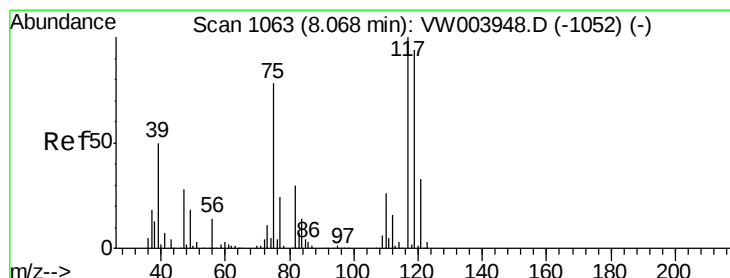
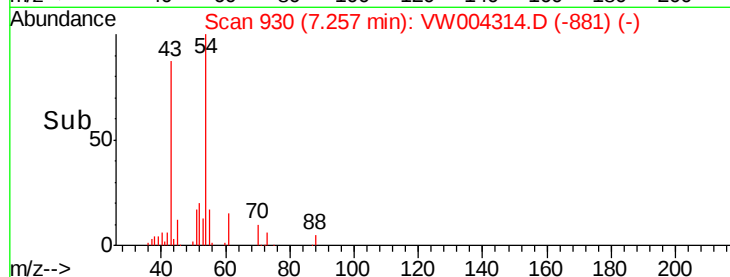
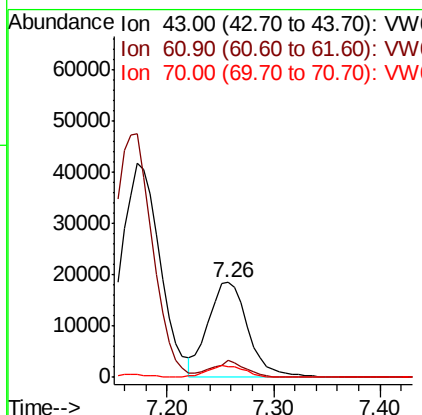
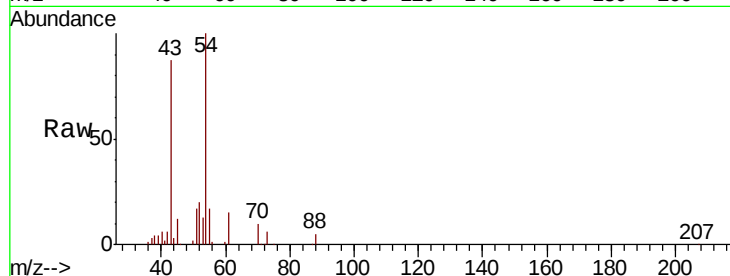




#37
Ethyl Acetate
Concen: 44.465 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

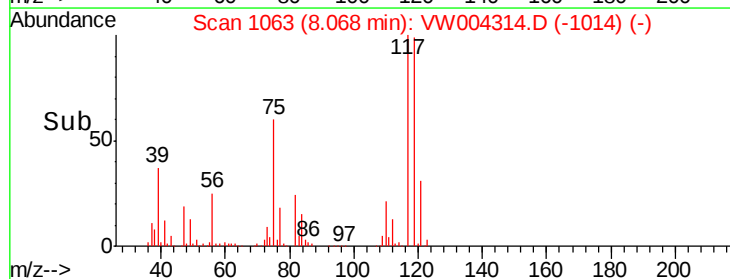
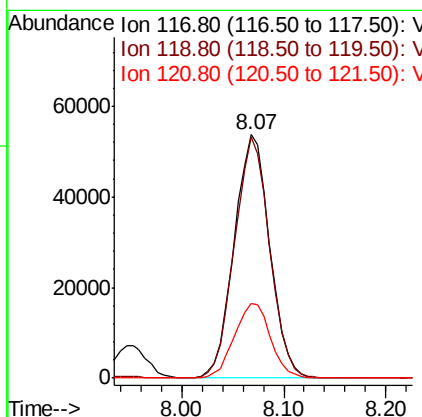
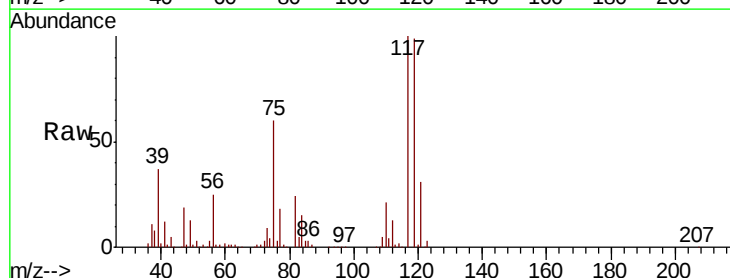
Instrument :
MSVOA_W
ClientSampleId :

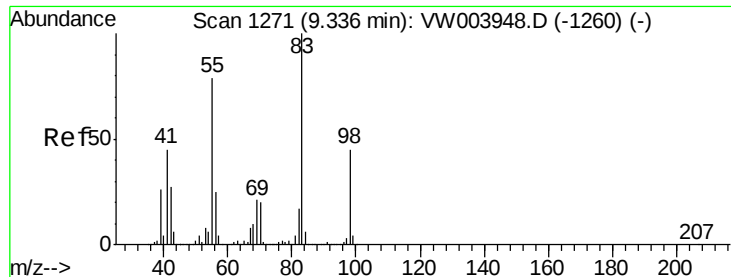
Tot Ion: 43 Resp: 47929
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 11.9 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 49.973 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 117 Resp: 129799
Ion Ratio Lower Upper
117 100
119 98.9 79.7 119.5
121 30.9 25.7 38.5

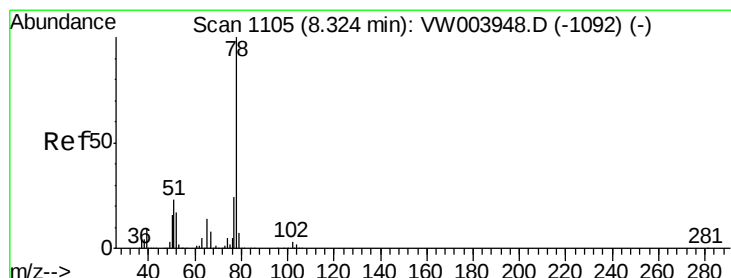
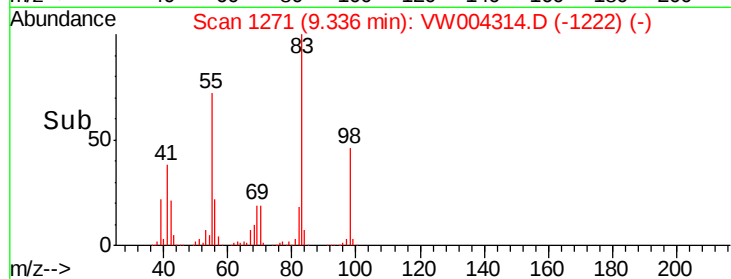
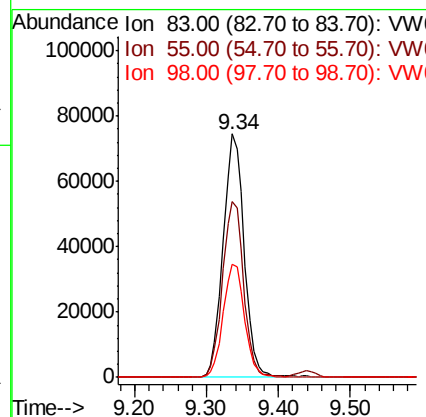
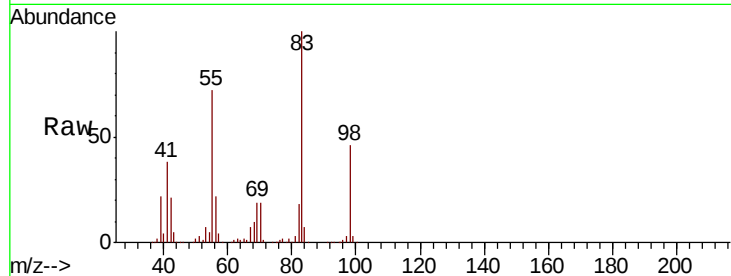




#39
Methvlcvclohexane
Concen: 48.027 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

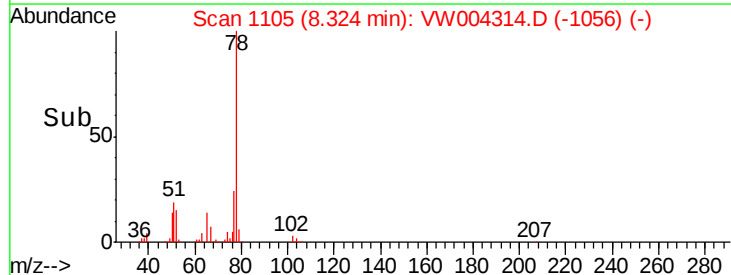
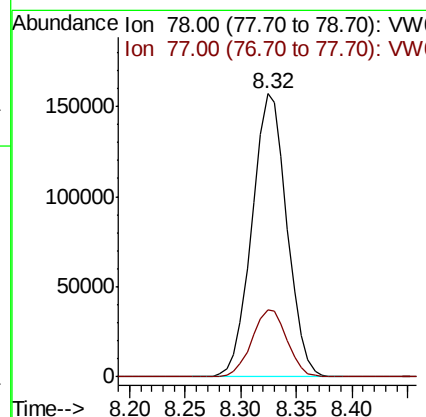
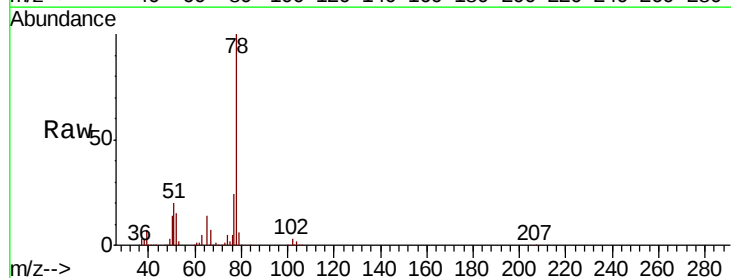
Instrument :
MSVOA_W
ClientSampled :

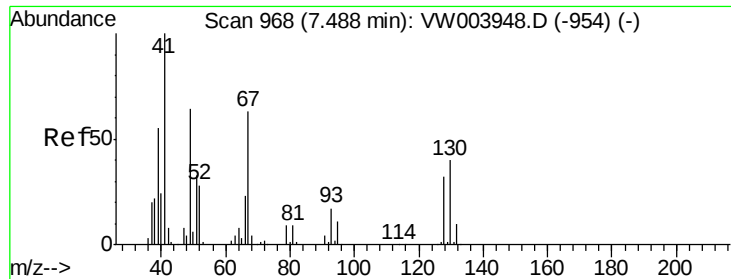
Tot Ion	83	Resp	152230
Ion	Ratio	Lower	Upper
83	100		
55	72.2	64.3	96.5
98	46.4	36.3	54.5



#40
Benzene
Concen: 46.406 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion	78	Resp	343393
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0

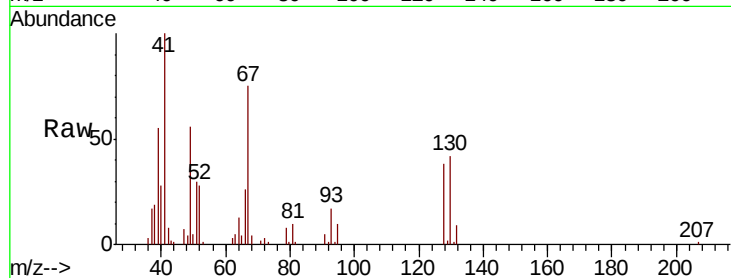




#41
Methacrylonitrile
Concen: 41.937 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	29389
Ion	Ratio	Lower	Upper
41	100		
39	54.8	41.2	61.8
67	76.7	53.4	80.0
52	30.3	22.4	33.6



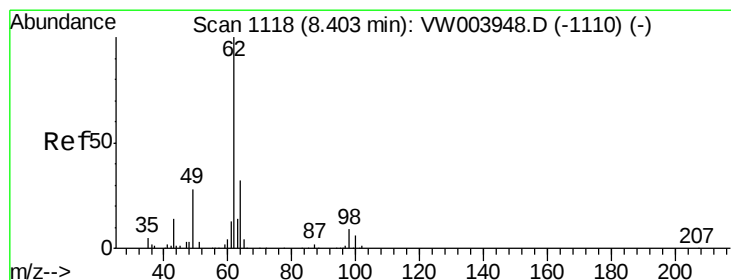
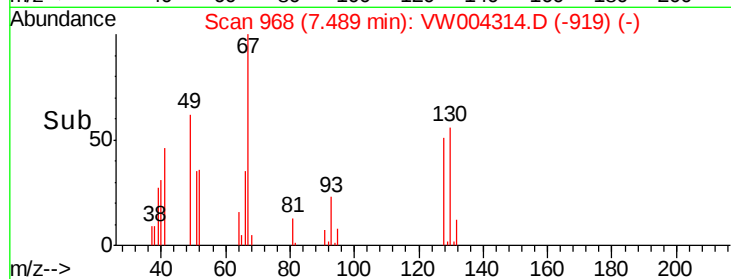
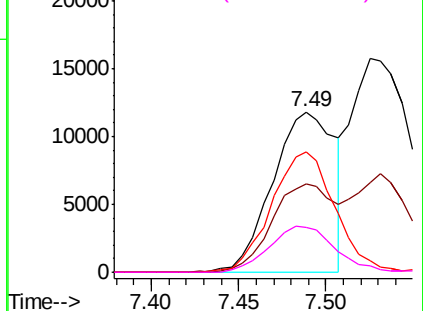
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

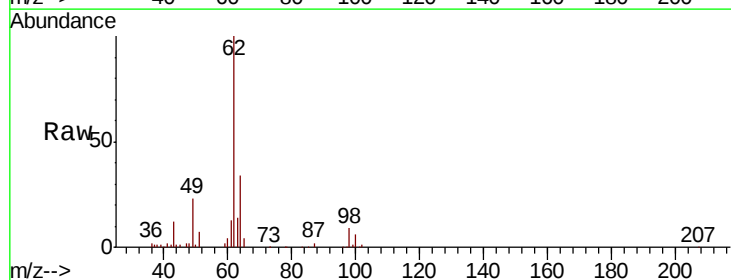
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.192 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

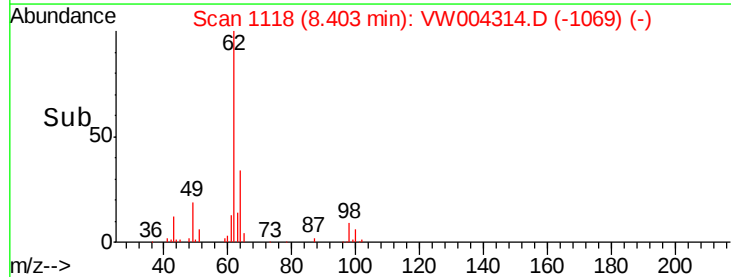
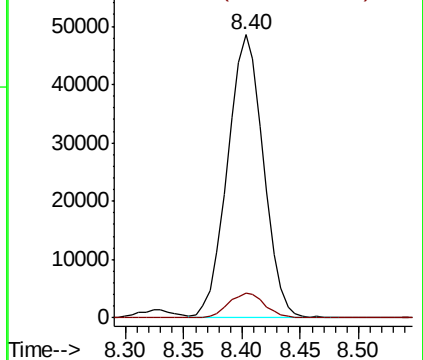
Tgt Ion:	62	Resp:	104068
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

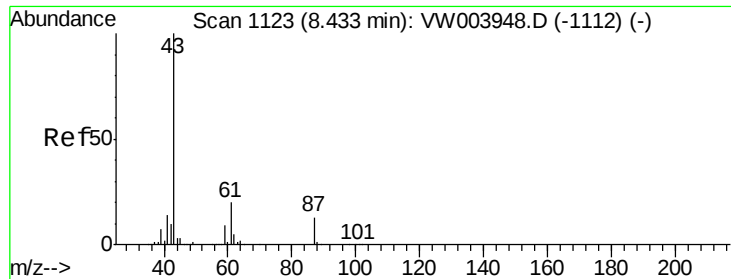


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 47.498 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

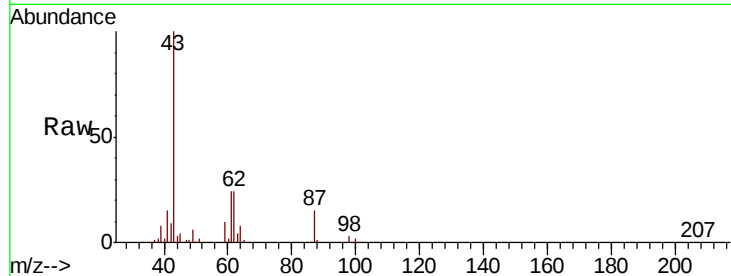
Tot Ion: 43 Resp: 92275

Ion Ratio Lower Upper

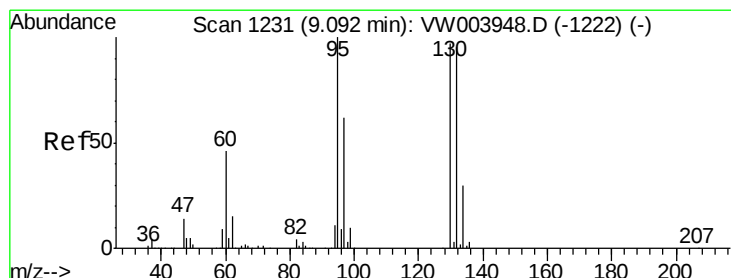
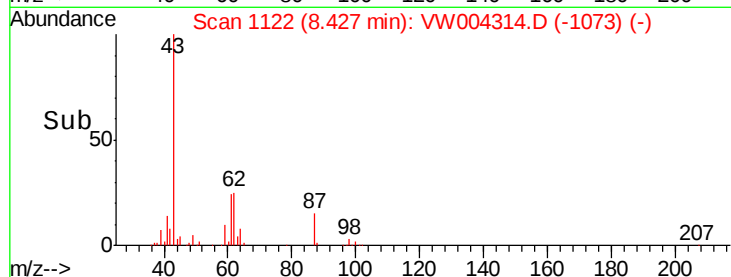
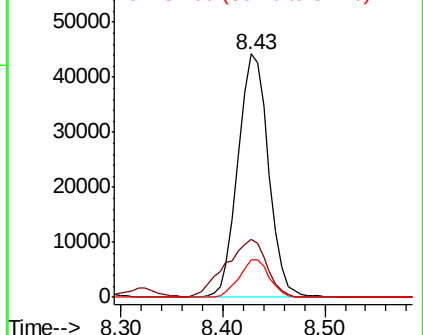
43 100

61 31.9 24.5 36.7

87 15.3 10.4 15.6



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



#44

Trichloroethene

Concen: 50.408 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004314.D

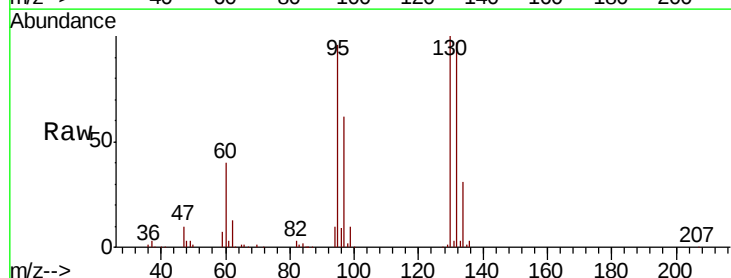
Acq: 29 Jul 2018 14:47

Tgt Ion: 130 Resp: 100704

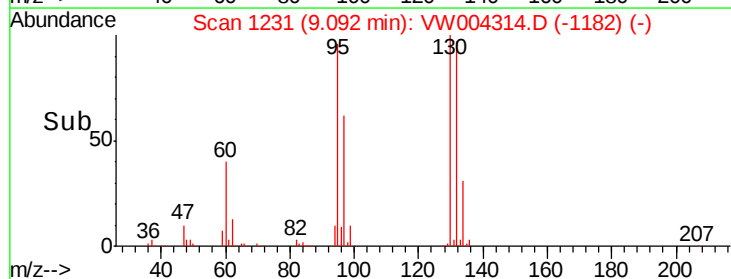
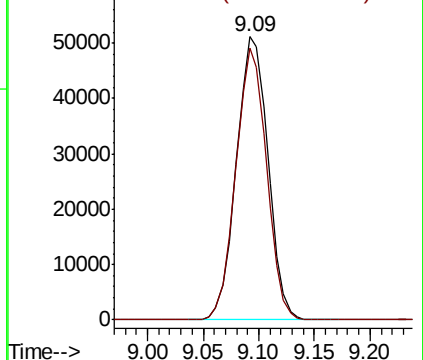
Ion Ratio Lower Upper

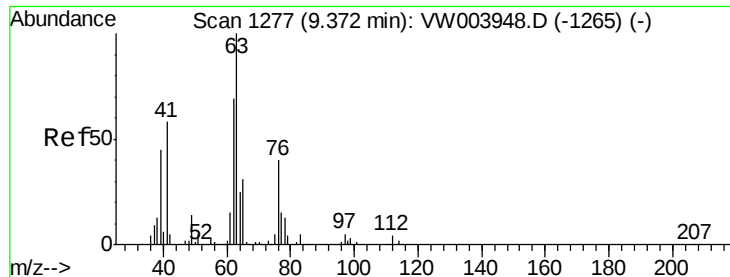
130 100

95 96.0 0.0 199.4



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

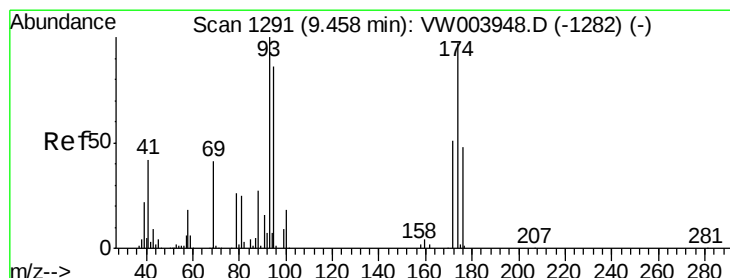
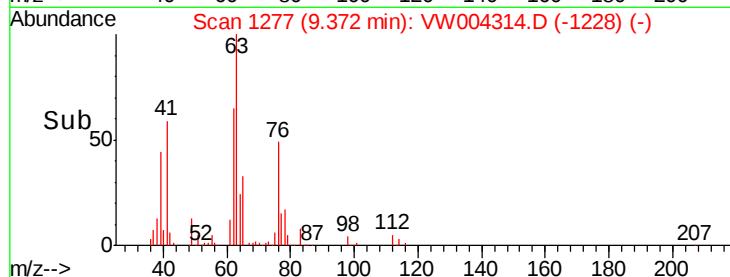
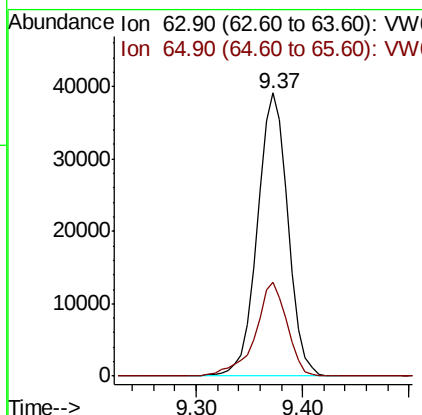
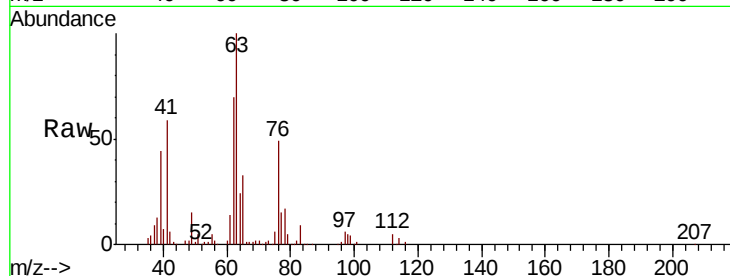




#45
 1,2-Dichloropropane
 Concen: 42.756 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

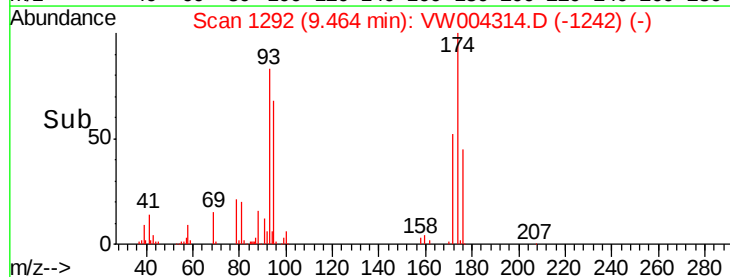
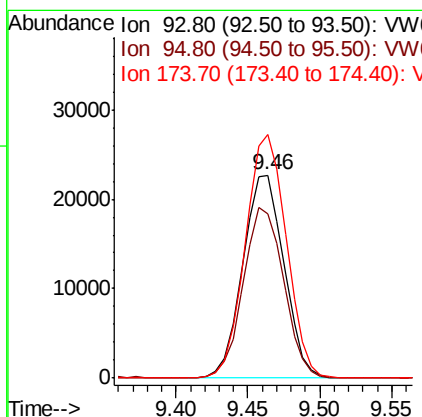
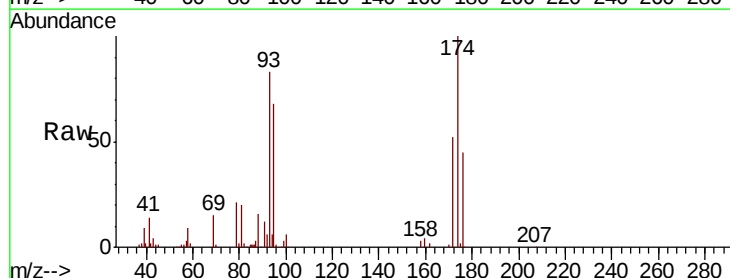
Instrument :
 MSVOA_W
 ClientSampled :

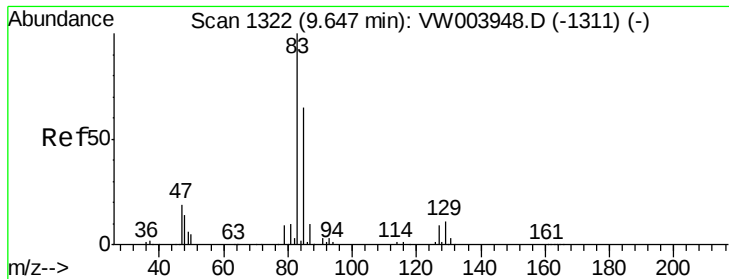
Tot Ion: 63 Resp: 78510
 Ion Ratio Lower Upper
 63 100
 65 33.2 23.9 35.9



#46
 Dibromomethane
 Concen: 47.848 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 93 Resp: 44864
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 119.4 83.7 125.5

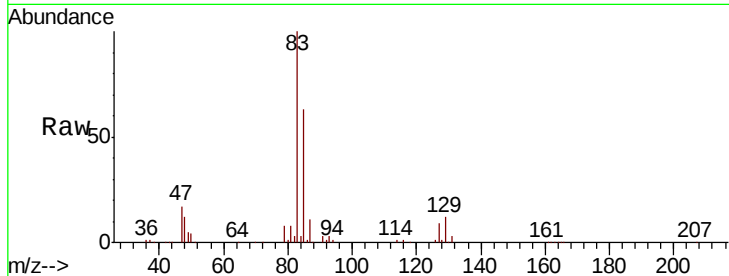




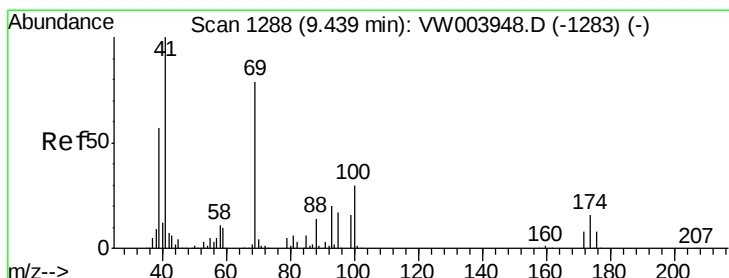
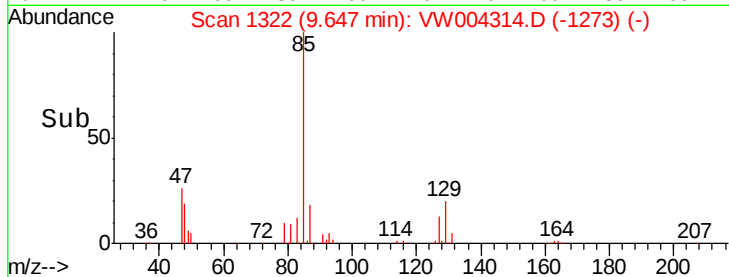
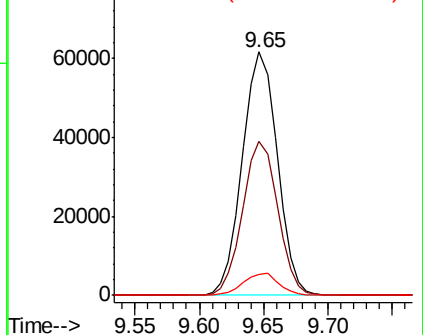
#47
 Bromodichloromethane
 Concen: 48.945 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 83 Resp: 116404
 Ion Ratio Lower Upper
 83 100
 85 63.2 51.3 76.9
 127 8.5 6.6 9.8

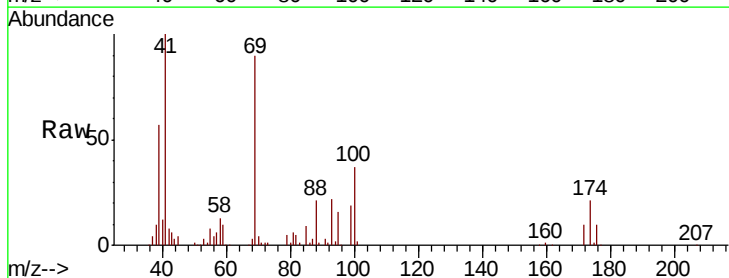


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

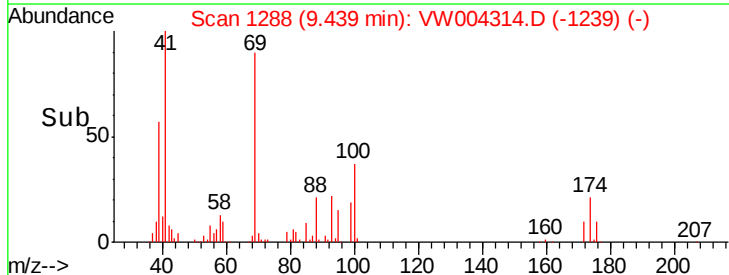
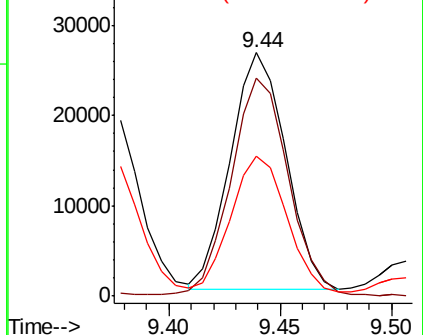


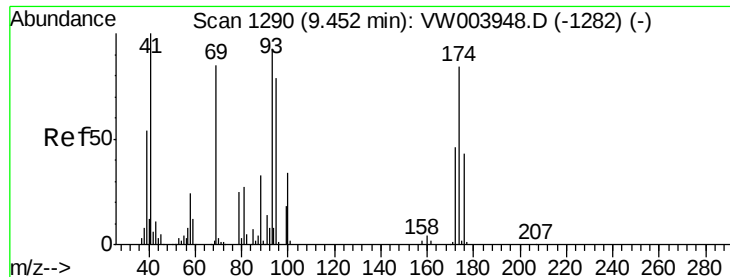
#48
 Methyl methacrylate
 Concen: 45.739 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 41 Resp: 45255
 Ion Ratio Lower Upper
 41 100
 69 96.9 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: 1093.201 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampled :

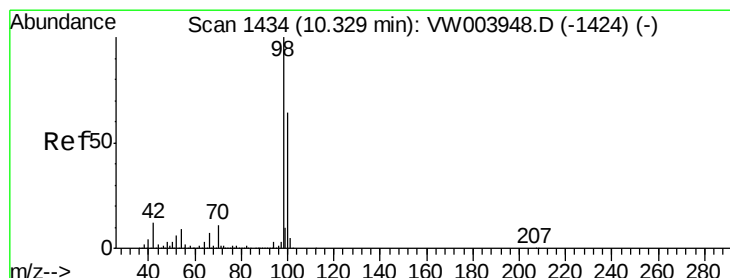
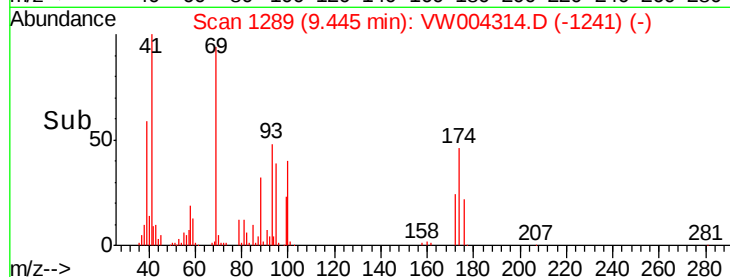
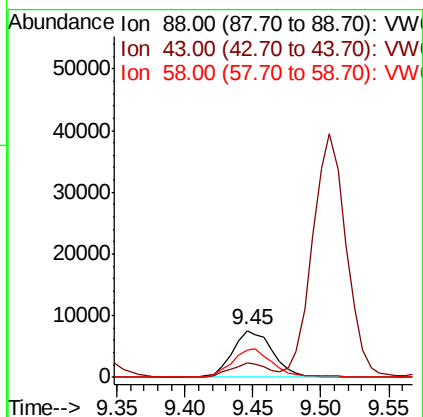
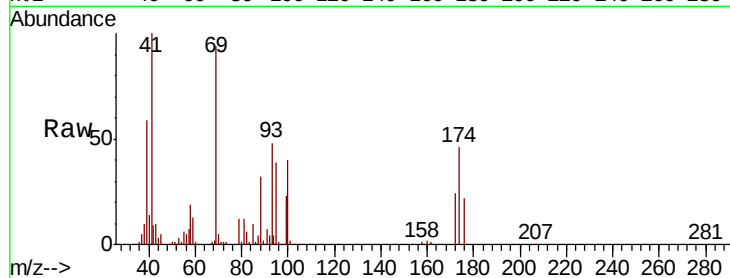
Tot Ion: 88 Resp: 15539

Ion Ratio Lower Upper

88 100

43 30.3 28.3 42.5

58 62.5 60.2 90.4



#50

Toluene-d8

Concen: 49.547 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004314.D

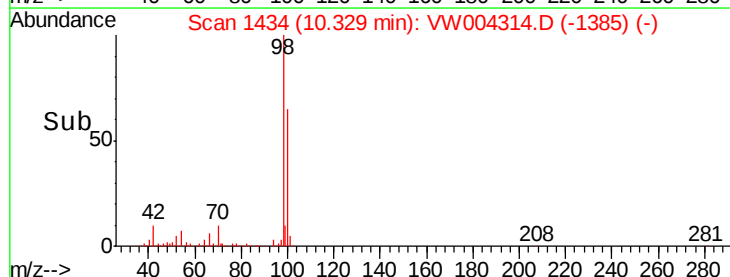
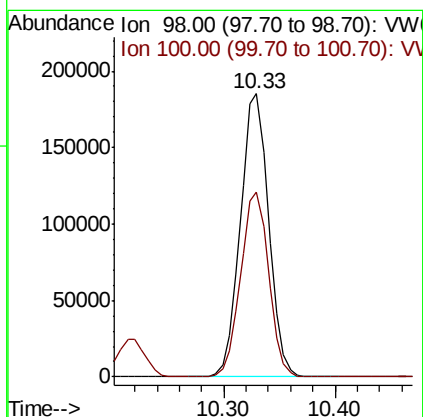
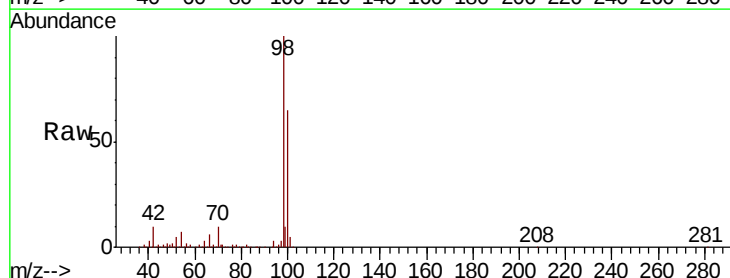
Acq: 29 Jul 2018 14:47

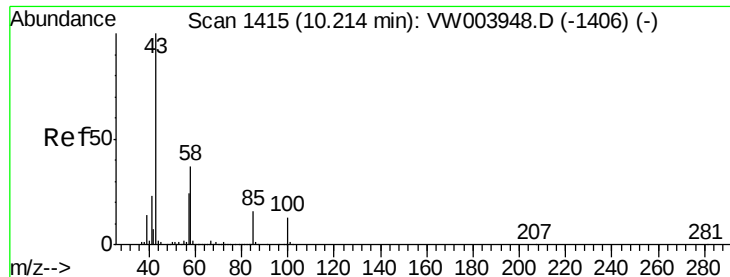
Tgt Ion: 98 Resp: 325380

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 219.662 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

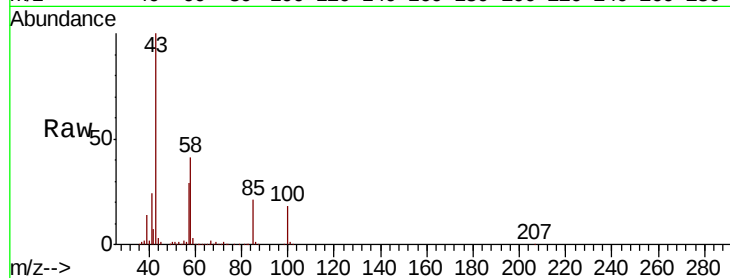
ClientSampled :

Tot Ion: 43 Resp: 234204

Ion Ratio Lower Upper

43 100

58 41.4 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

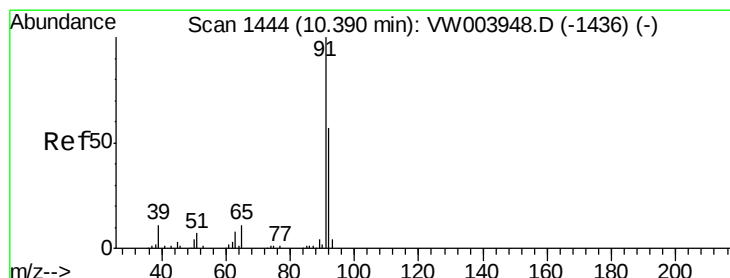
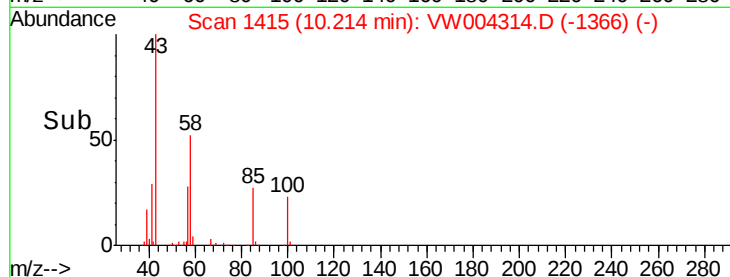
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 48.897 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004314.D

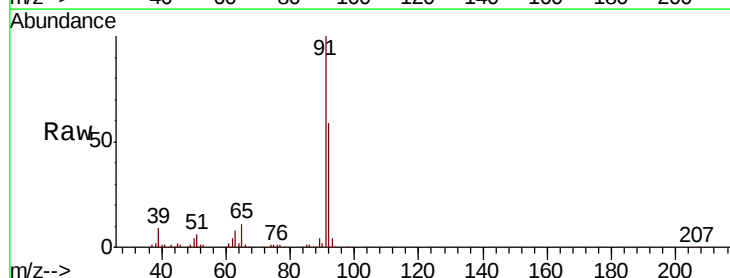
Acq: 29 Jul 2018 14:47

Tgt Ion: 92 Resp: 227174

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

250000

200000

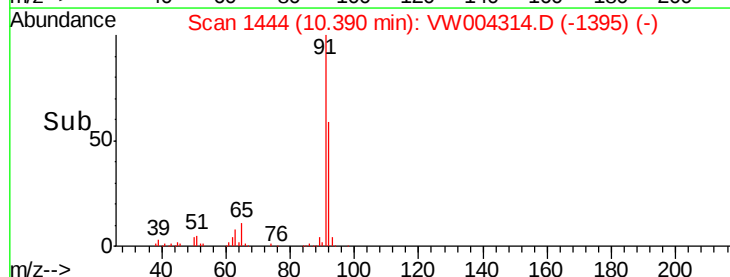
150000

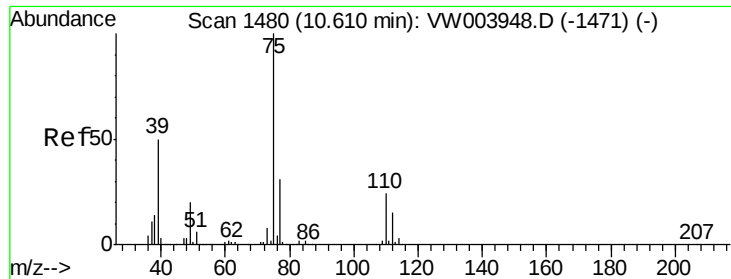
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 49.851 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

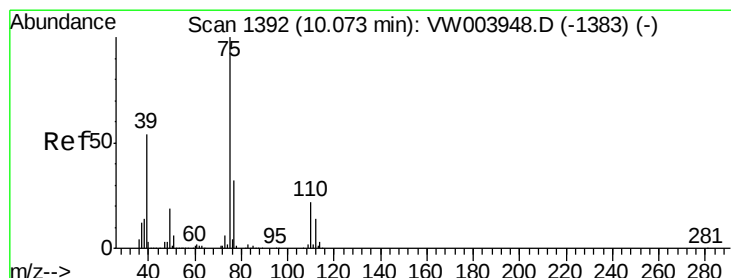
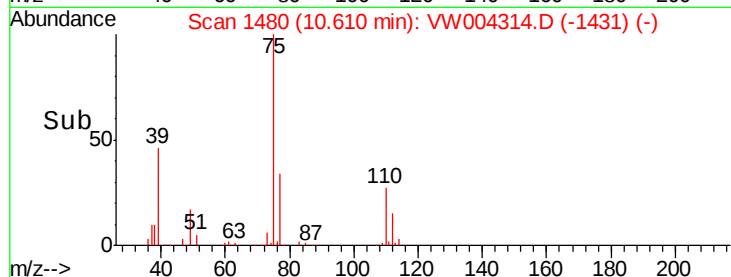
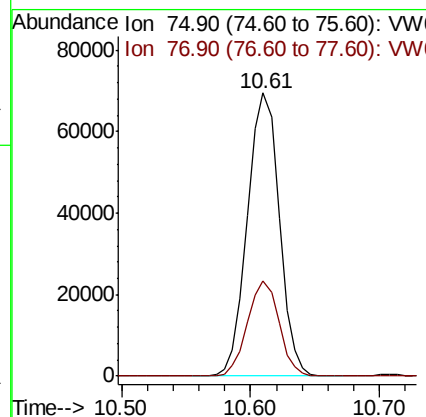
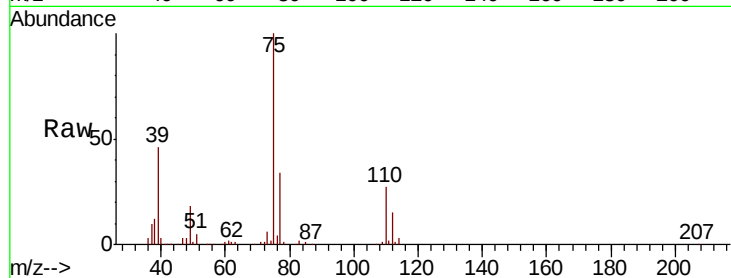
ClientSampleId :

Tot Ion: 75 Resp: 118743

Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 48.854 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

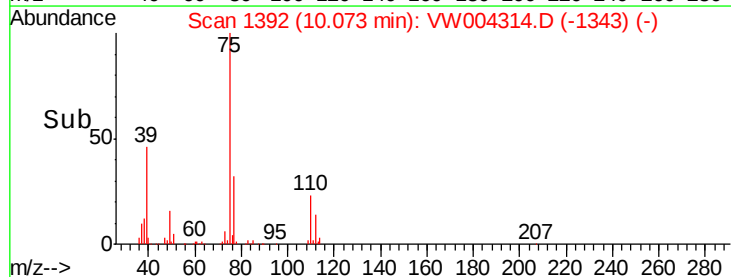
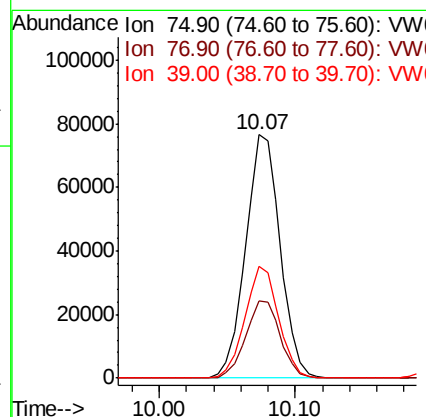
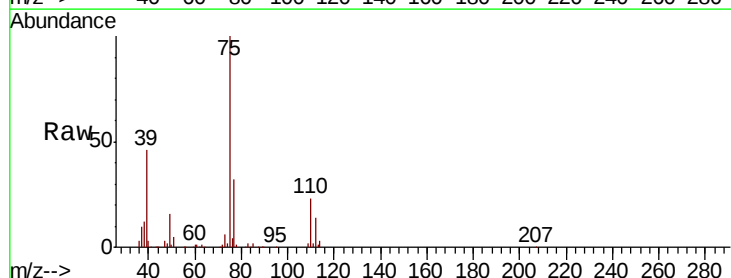
Tgt Ion: 75 Resp: 135664

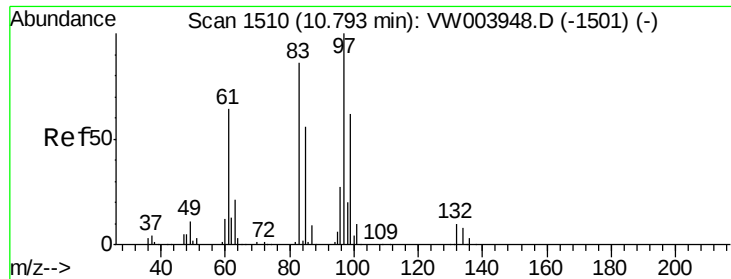
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 45.8 39.0 58.6

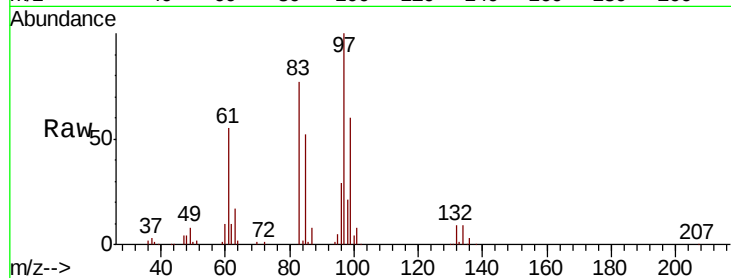




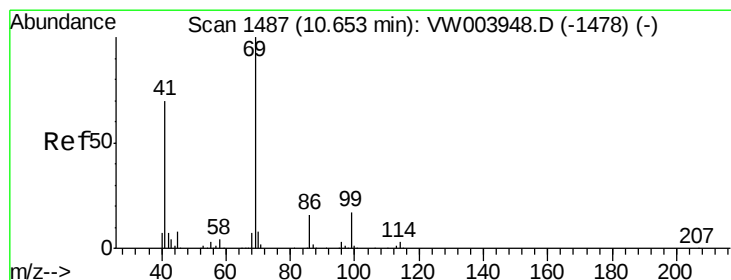
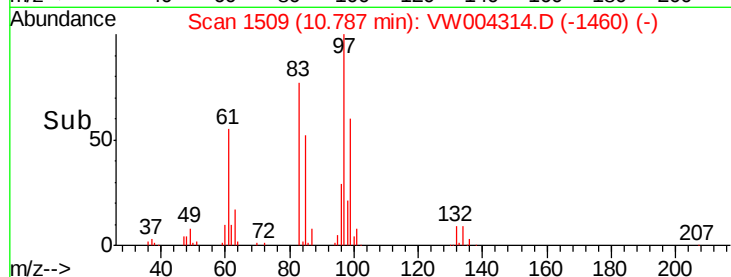
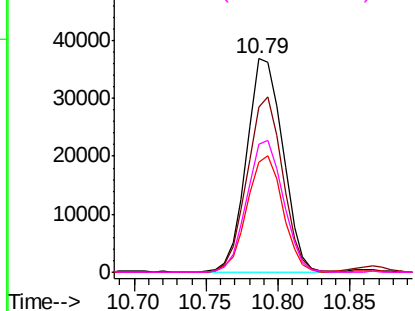
#55
 1,1,2-Trichloroethane
 Concen: 48.274 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 64492
 Ion Ratio Lower Upper
 97 100
 83 77.1 70.8 106.2
 85 51.8 43.7 65.5
 99 60.0 45.1 67.7

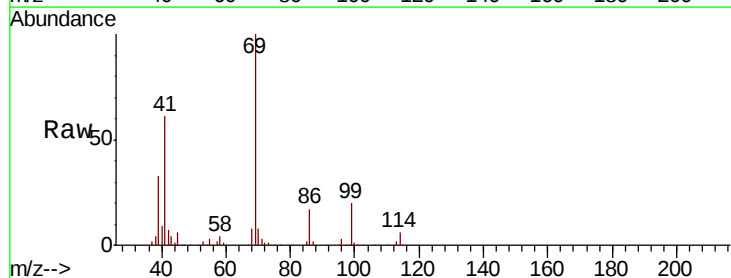


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

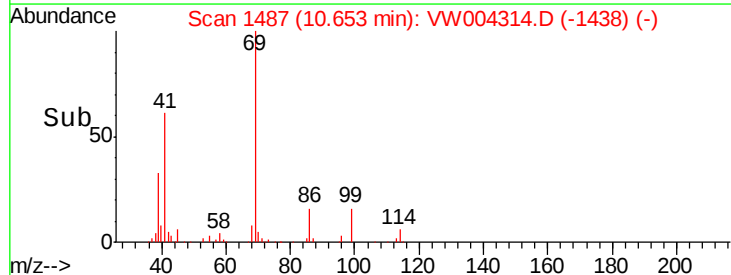
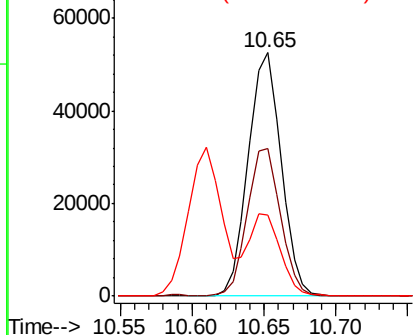


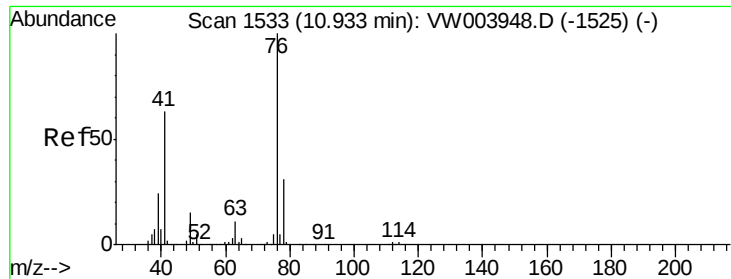
#56
 Ethyl methacrylate
 Concen: 51.636 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 69 Resp: 83478
 Ion Ratio Lower Upper
 69 100
 41 60.3 54.7 82.1
 39 31.1 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

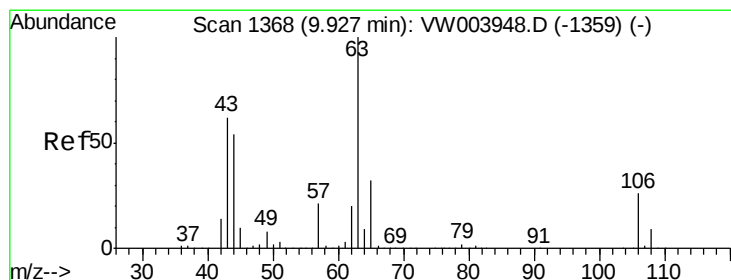
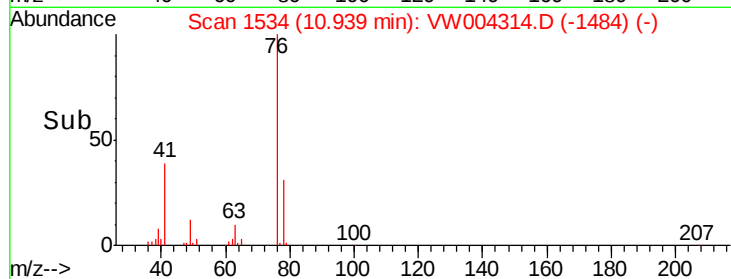
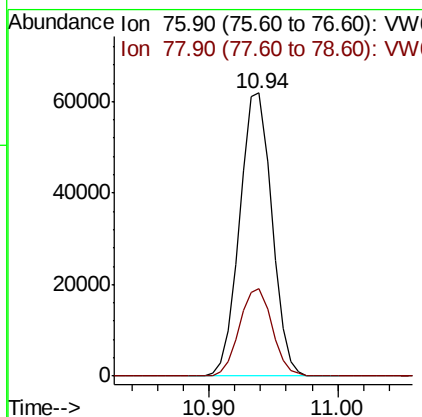
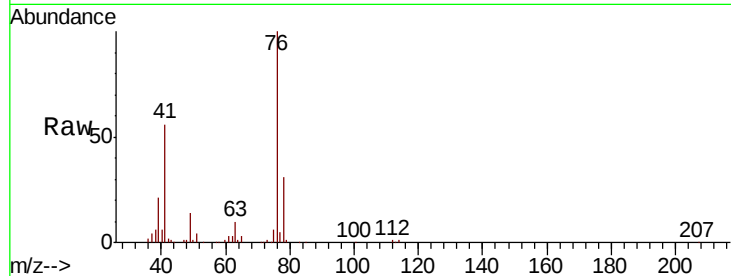




#57
 1,3-Dichloropropane
 Concen: 47.065 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

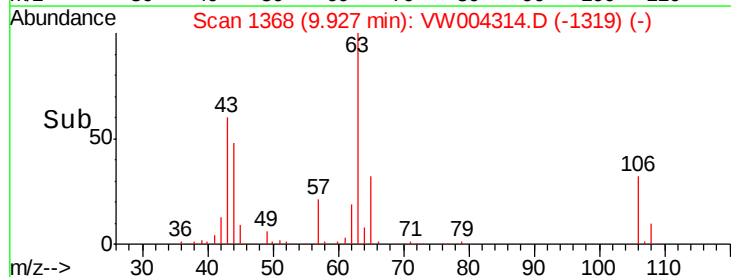
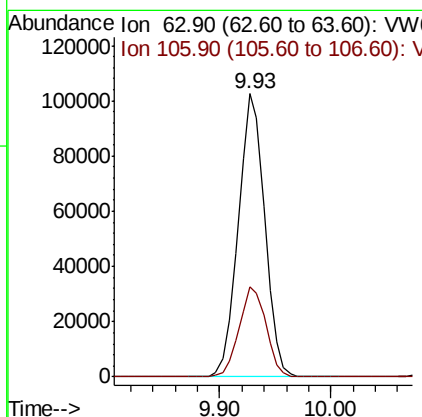
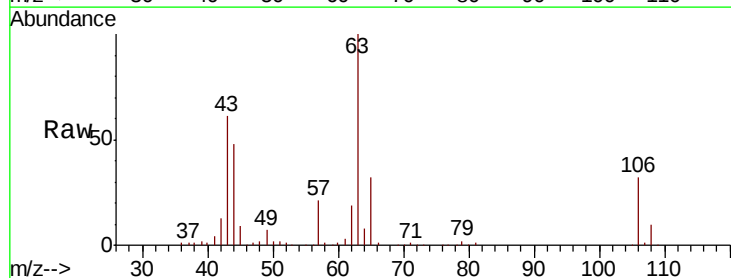
Instrument :
 MSVOA_W
 ClientSampleId :

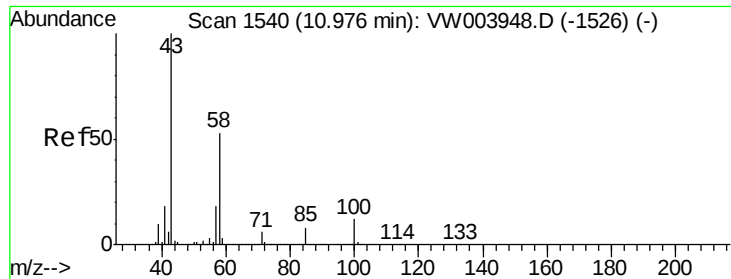
Tot Ion: 76 Resp: 107122
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.375 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 63 Resp: 168317
 Ion Ratio Lower Upper
 63 100
 106 32.3 21.9 32.9

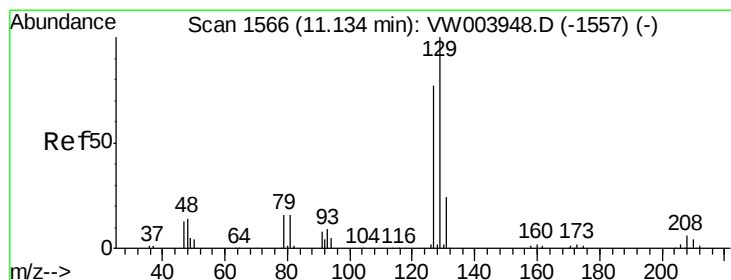
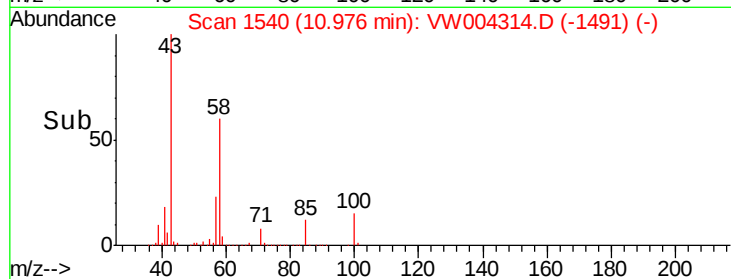
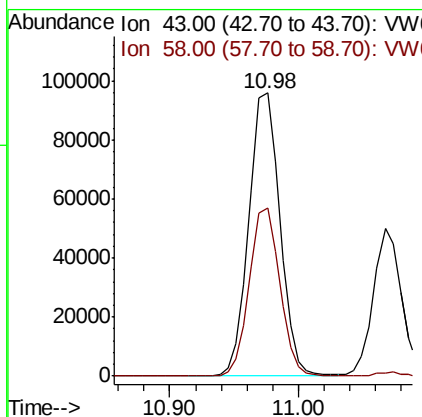
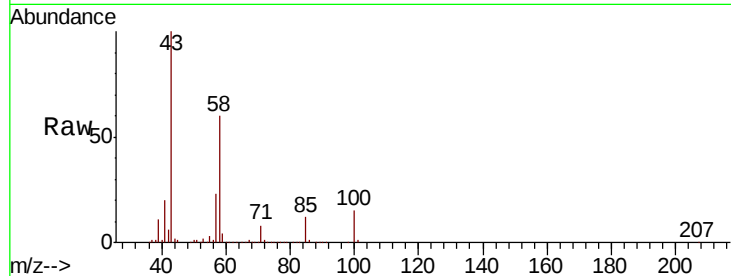




#59
2-Hexanone
Concen: 217.994 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

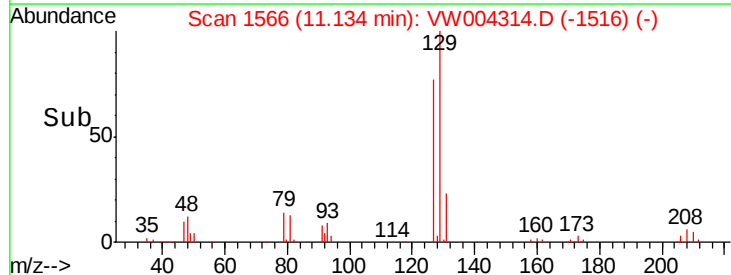
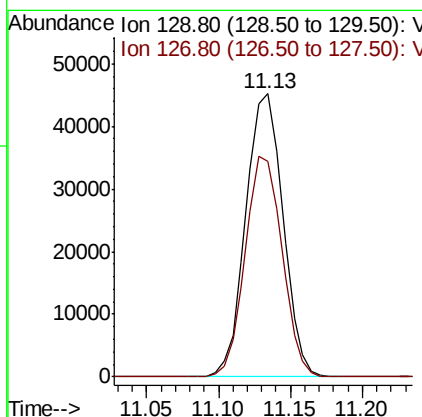
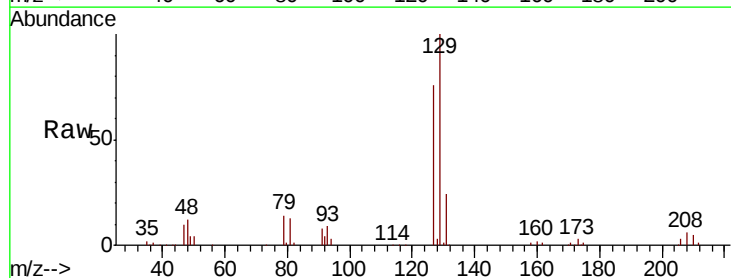
Instrument :
MSVOA_W
ClientSampleId :

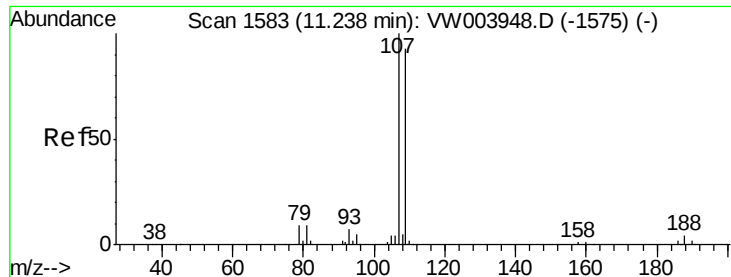
Tot Ion: 43 Resp: 159592
Ion Ratio Lower Upper
43 100
58 58.3 26.5 79.4



#60
Dibromochloromethane
Concen: 50.684 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion:129 Resp: 81020
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

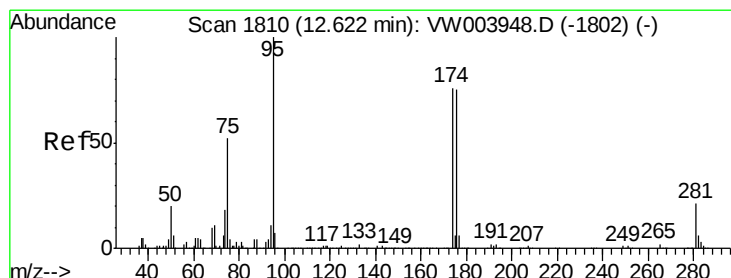
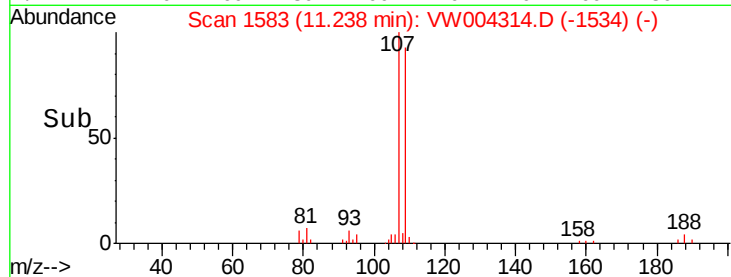
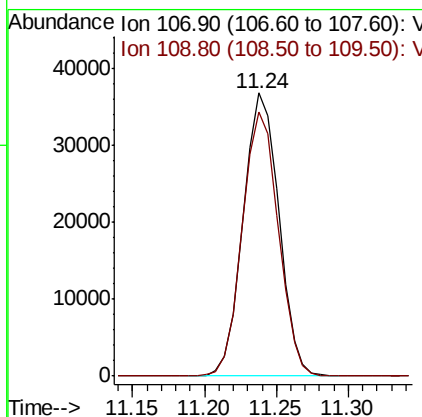
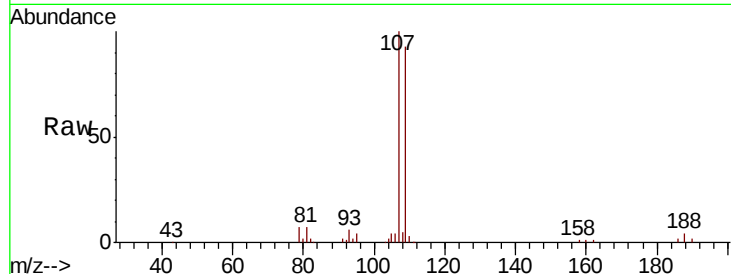




#61
 1,2-Dibromoethane
 Concen: 49.598 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

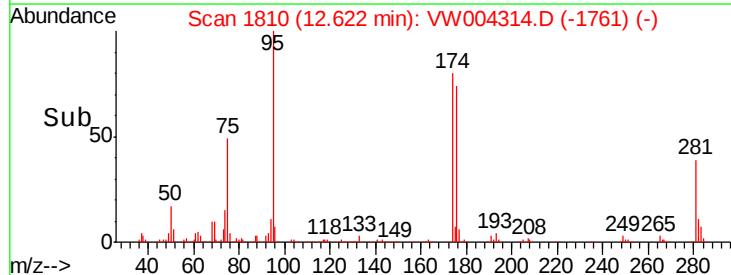
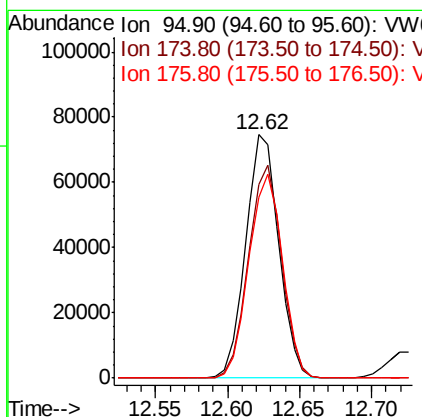
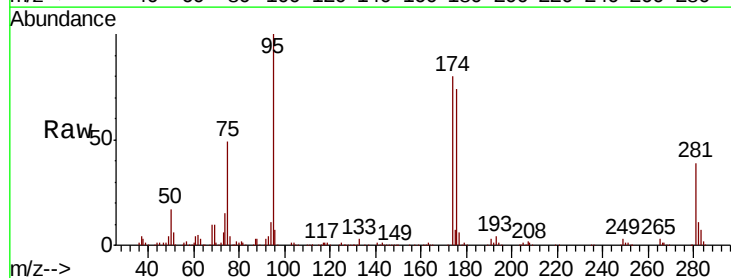
Instrument :
 MSVOA_W
 ClientSampleId :

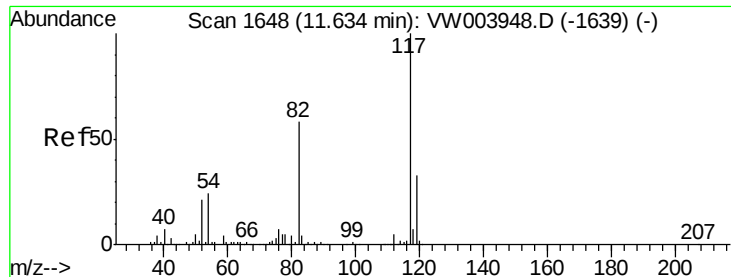
Tot Ion: 107 Resp: 63186
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.273 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 95 Resp: 118557
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 167.8
 176 85.3 0.0 162.4

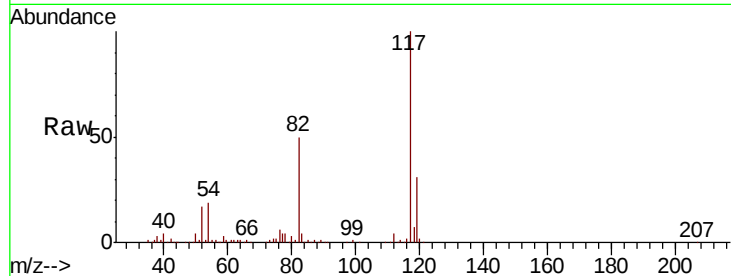




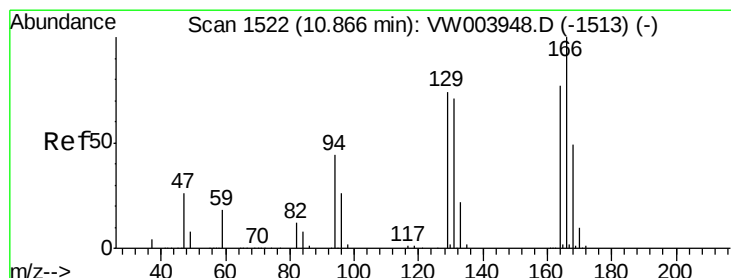
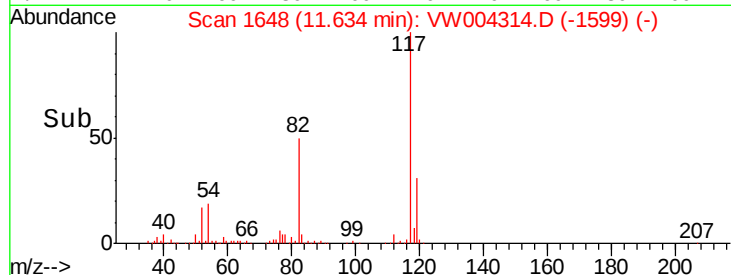
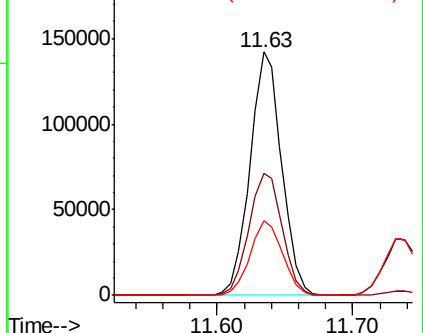
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 232210
Ion Ratio Lower Upper
117 100
82 50.0 47.9 71.9
119 30.5 27.1 40.7

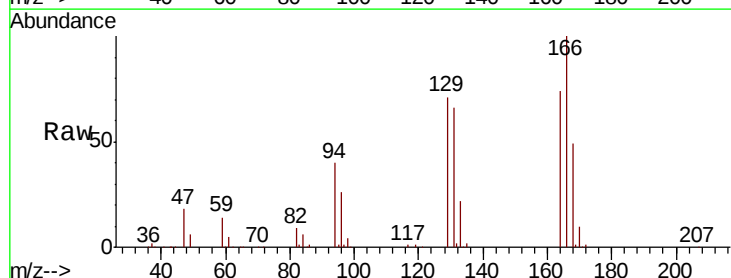


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

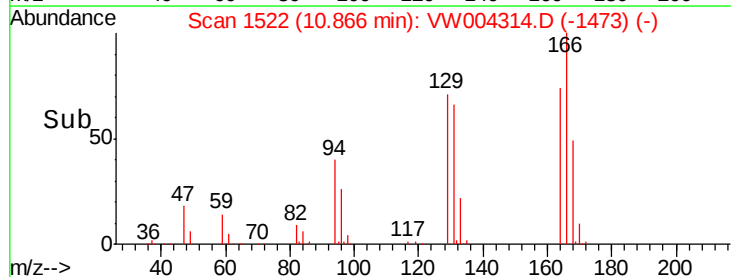
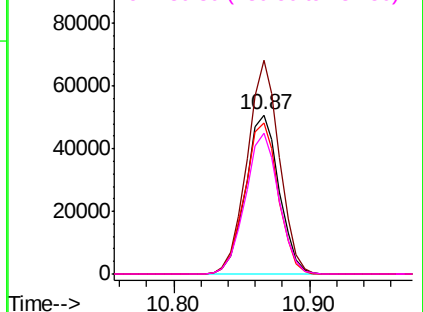


#64
Tetrachloroethene
Concen: 51.468 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion:164 Resp: 87561
Ion Ratio Lower Upper
164 100
166 134.5 103.2 154.8
129 95.3 72.1 108.1
131 88.4 70.4 105.6



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

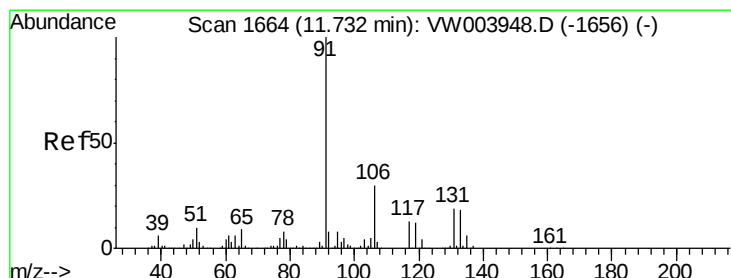
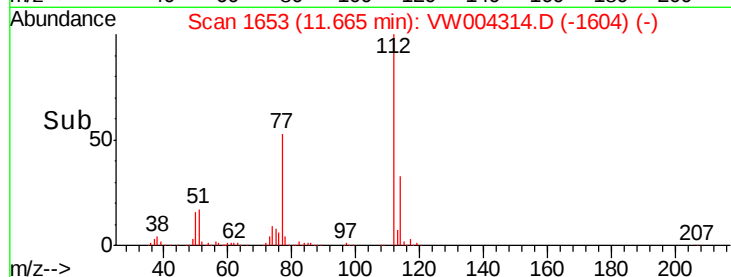
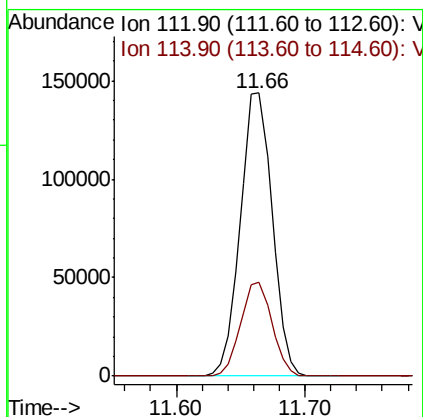
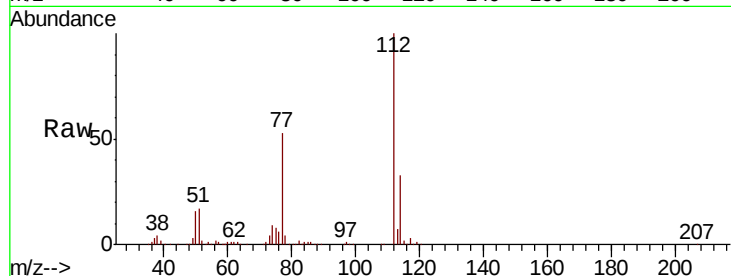




#65
Chlorobenzene
Concen: 50.574 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

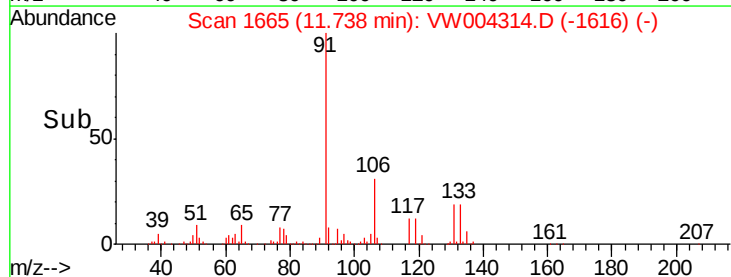
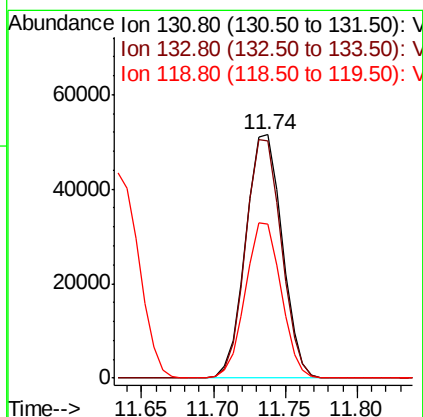
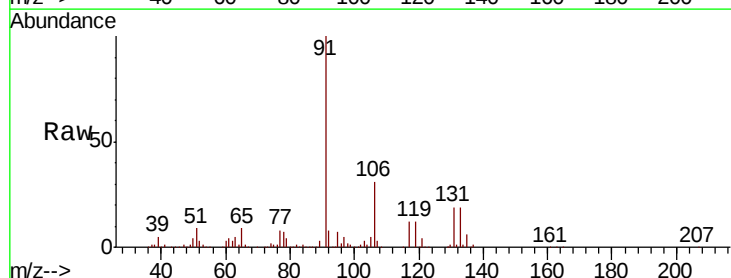
Instrument :
MSVOA_W
ClientSampleId :

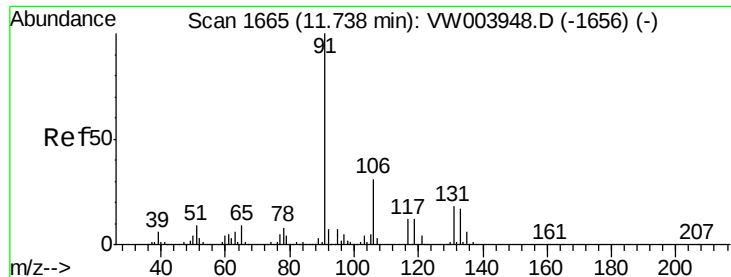
Tot Ion:112 Resp: 246647
Ion Ratio Lower Upper
112 100
114 33.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.436 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion:131 Resp: 90195
Ion Ratio Lower Upper
131 100
133 96.3 48.6 145.9
119 62.5 33.1 99.5

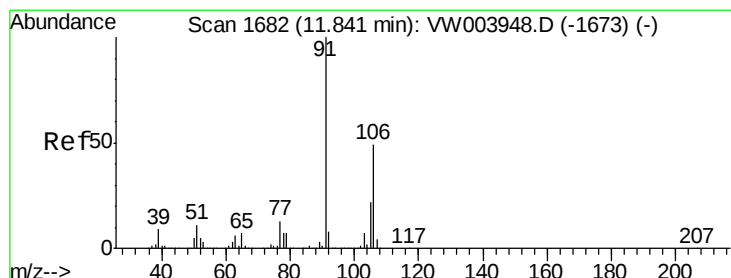
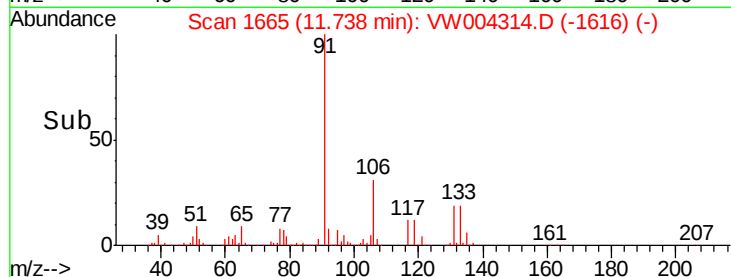
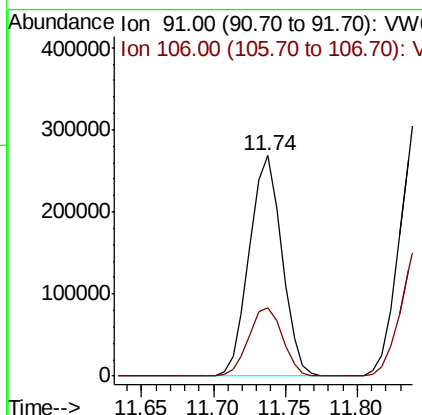
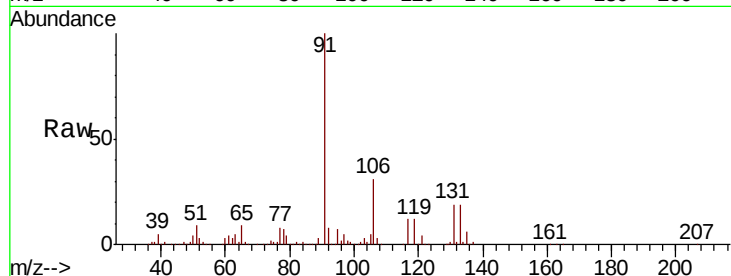




#67
Ethyl Benzene
Concen: 49.560 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

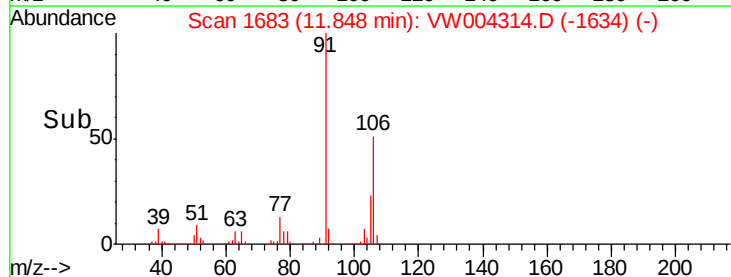
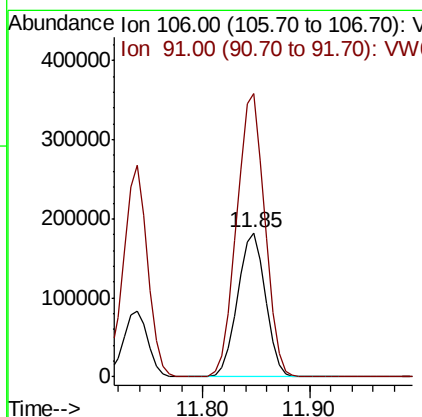
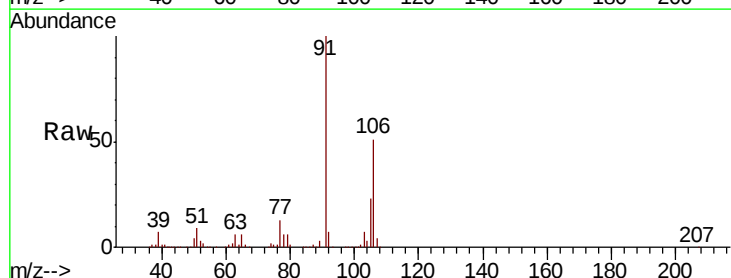
Instrument :
MSVOA_W
ClientSampled :

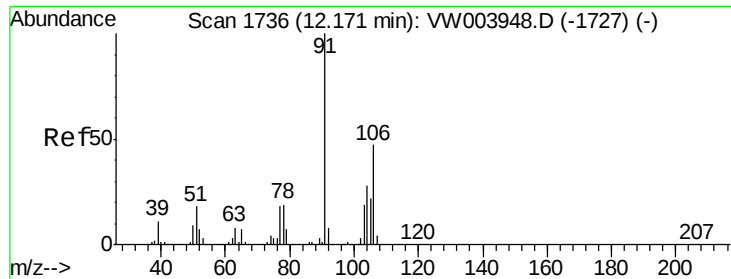
Tot Ion: 91 Resp: 421316
Ion Ratio Lower Upper
91 100
106 31.2 26.1 39.1



#68
m/p-Xylenes
Concen: 102.446 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion: 106 Resp: 335132
Ion Ratio Lower Upper
106 100
91 199.0 162.2 243.2

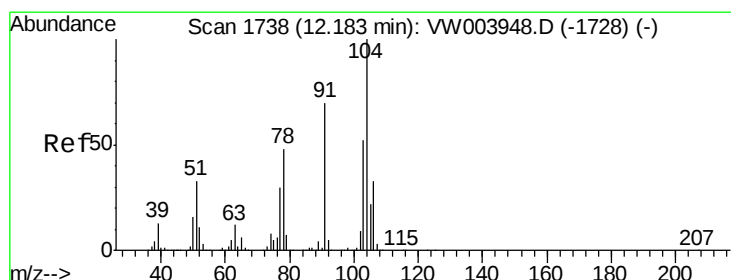
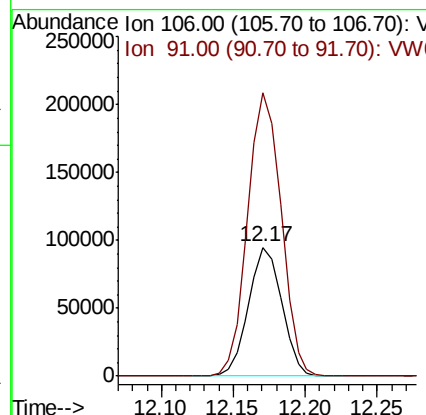
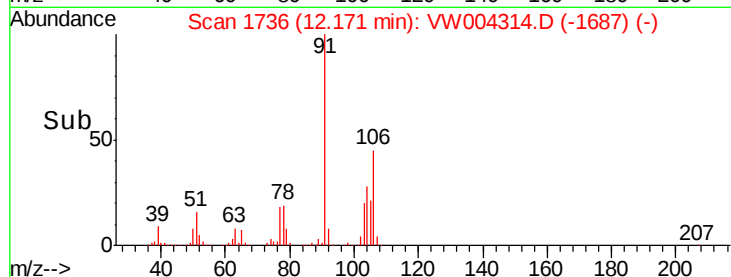
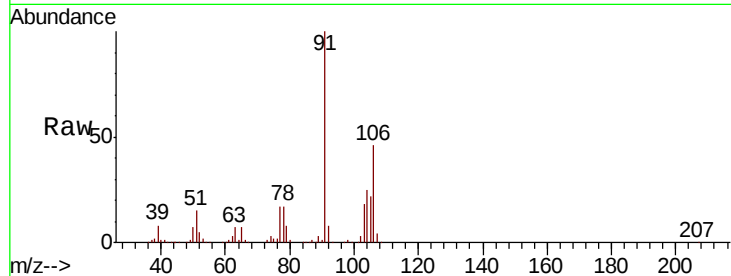




#69
o-Xylene
Concen: 50.456 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

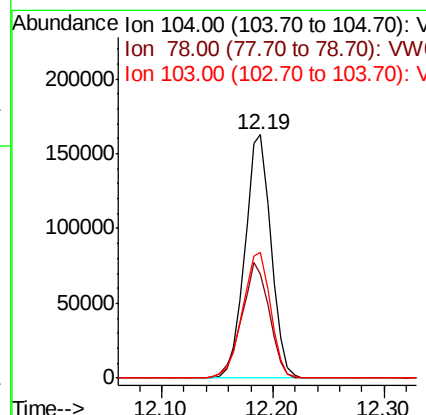
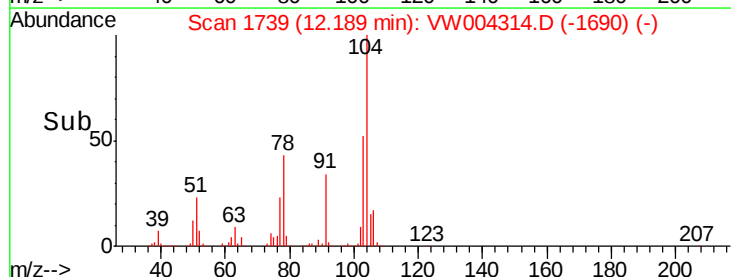
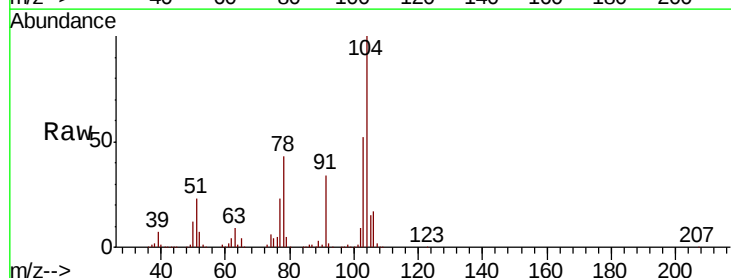
Instrument :
MSVOA_W
ClientSampled :

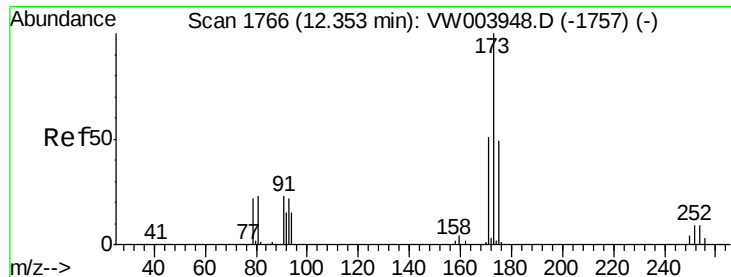
Tot Ion:106 Resp: 152509
Ion Ratio Lower Upper
106 100
91 221.2 108.7 326.1



#70
Styrene
Concen: 51.688 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion:104 Resp: 263945
Ion Ratio Lower Upper
104 100
78 50.1 40.9 61.3
103 55.5 45.0 67.6





#71

Bromoform

Concen: 54.934 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

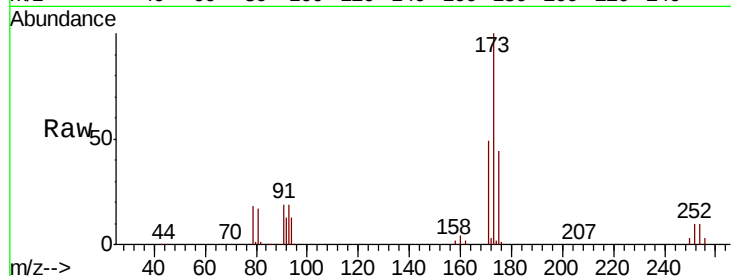
Tot Ion:173 Resp: 52956

Ion Ratio Lower Upper

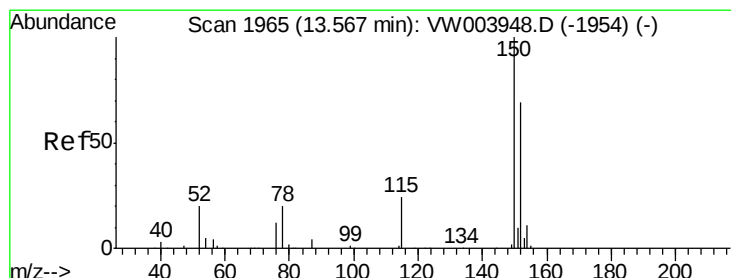
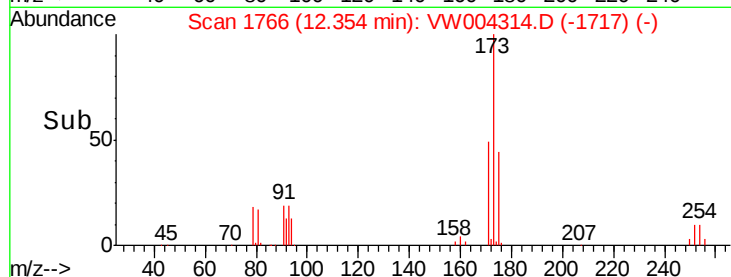
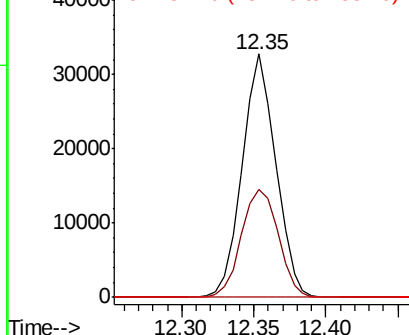
173 100

175 48.6 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: VW004314.D

Acq: 29 Jul 2018 14:47

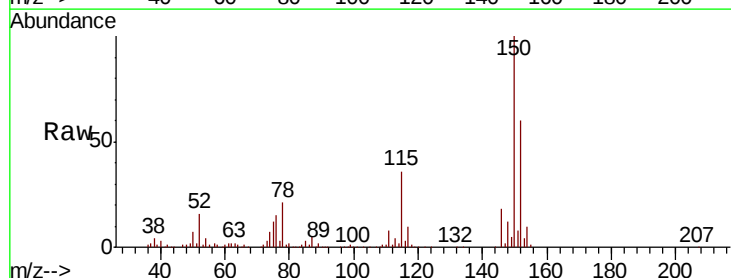
Tgt Ion:152 Resp: 127116

Ion Ratio Lower Upper

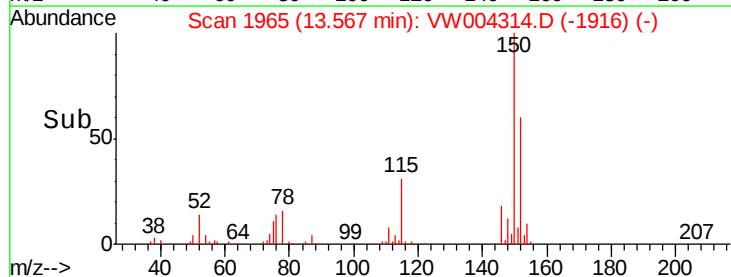
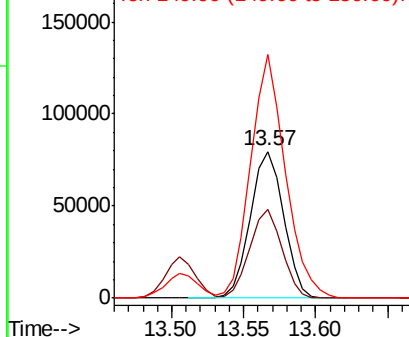
152 100

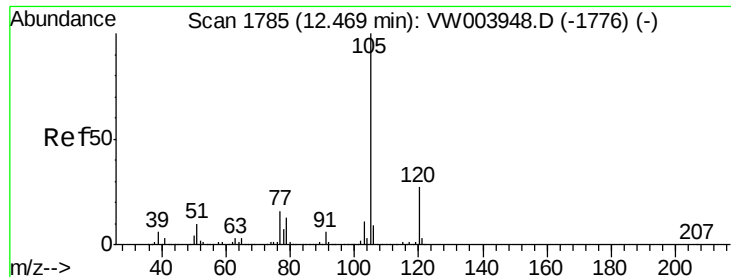
115 58.2 28.8 86.4

150 173.1 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: 49.888 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

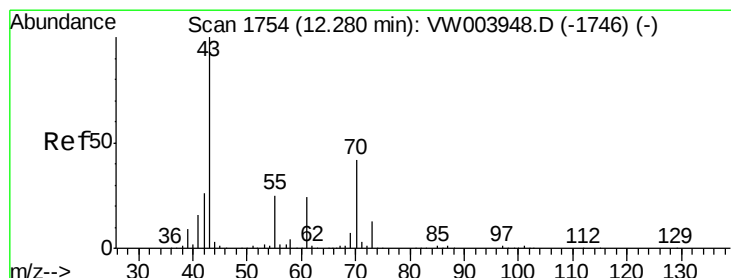
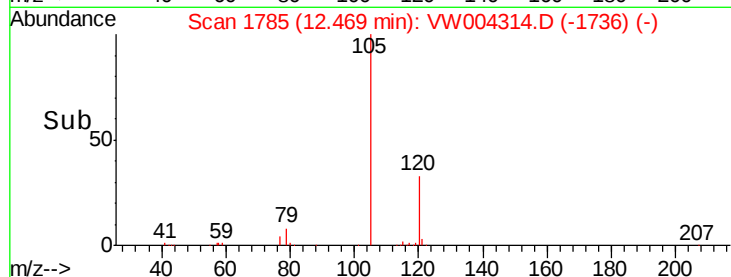
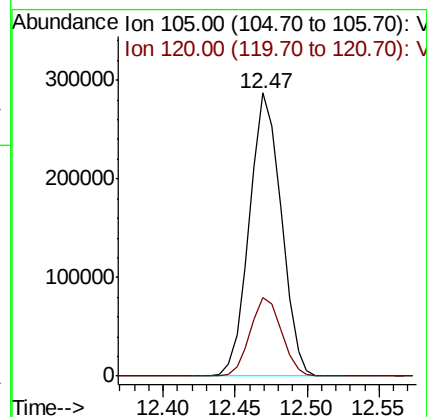
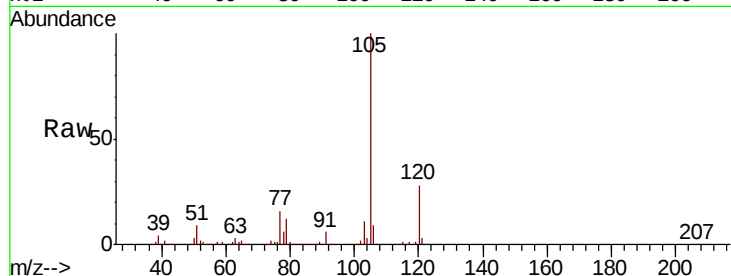
ClientSampleId :

Tot Ion:105 Resp: 439719

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 39.418 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion: 43 Resp: 82234

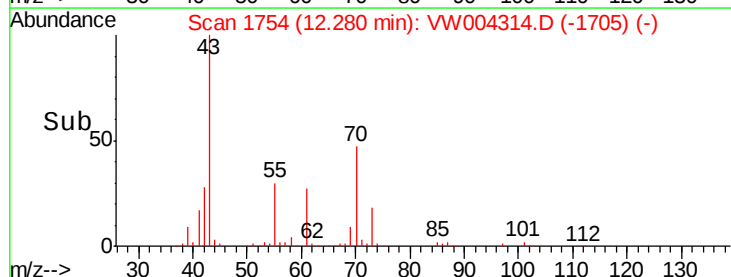
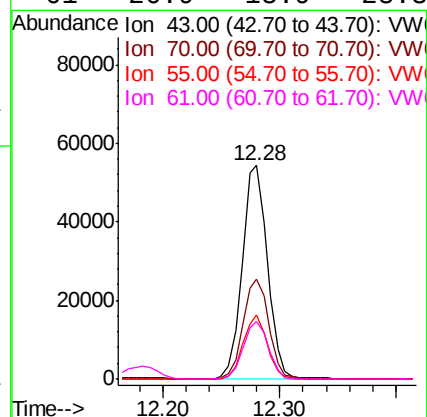
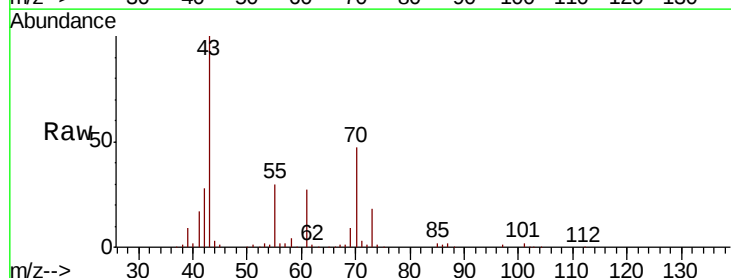
Ion Ratio Lower Upper

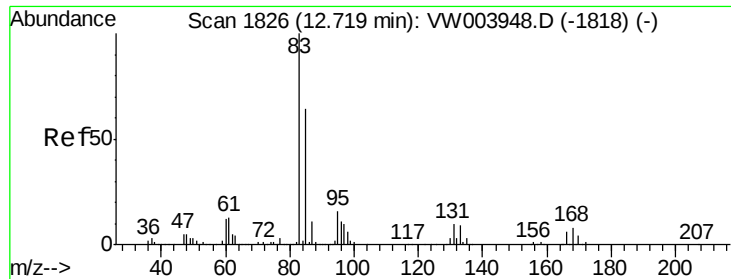
43 100

70 47.5 34.2 51.4

55 28.5 21.8 32.8

61 26.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.174 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

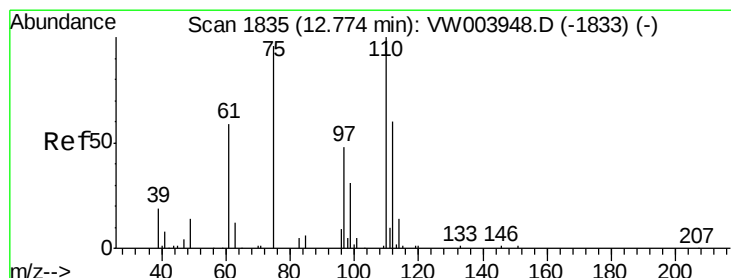
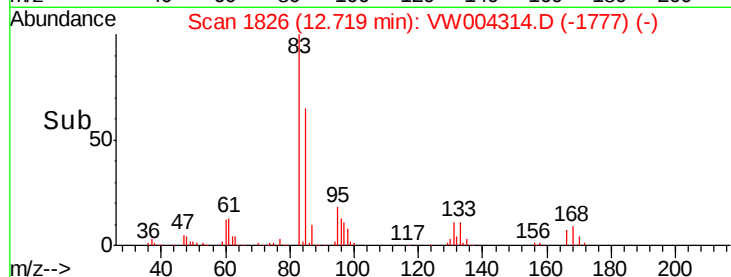
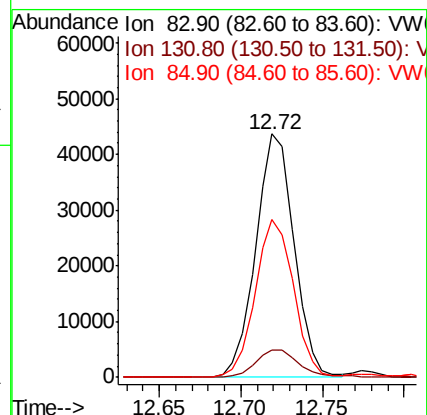
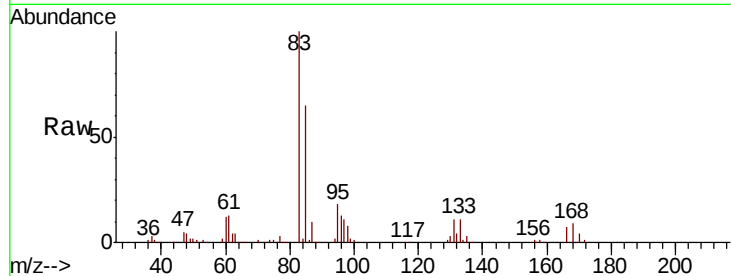
Tot Ion: 83 Resp: 71293

Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.5	16.4
85	64.5	31.9	95.9

83 100

131 12.8 5.5 16.4

85 64.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 85.346 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004314.D

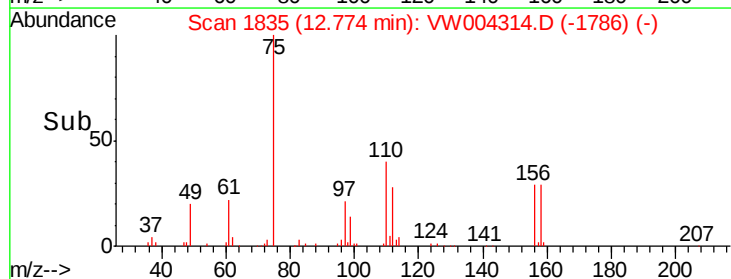
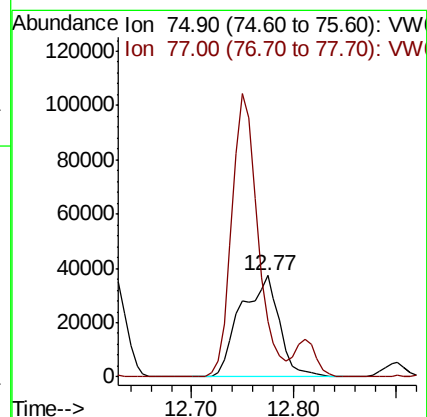
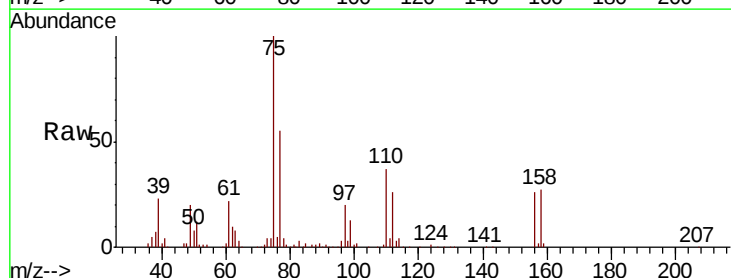
Acq: 29 Jul 2018 14:47

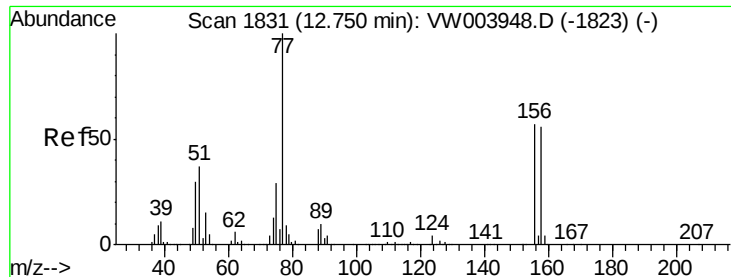
Tgt Ion: 75 Resp: 99012

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.357 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampled :

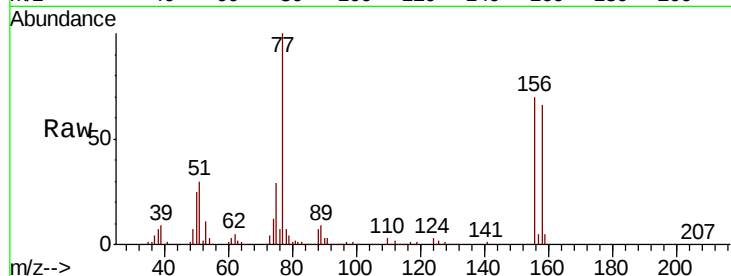
Tot Ion:156 Resp: 109373

Ion Ratio Lower Upper

156 100

77 169.2 92.9 278.7

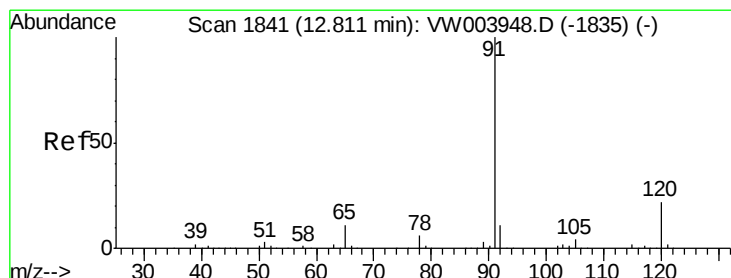
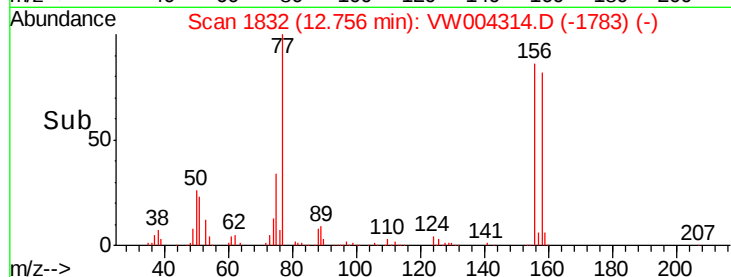
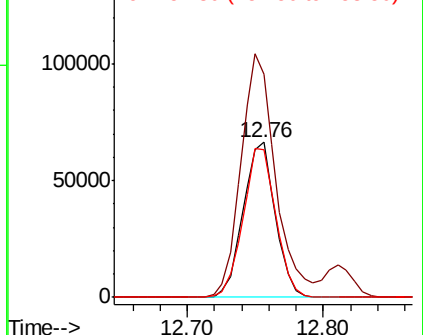
158 98.0 47.6 142.8



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: 49.647 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004314.D

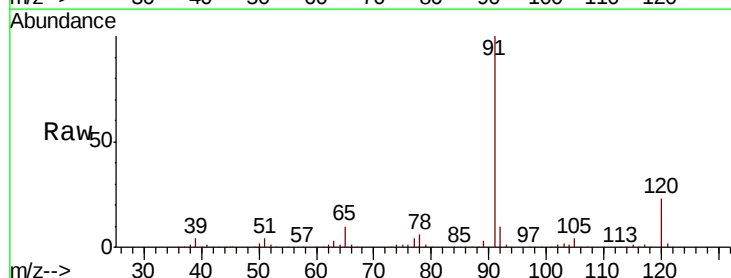
Acq: 29 Jul 2018 14:47

Tgt Ion: 91 Resp: 533094

Ion Ratio Lower Upper

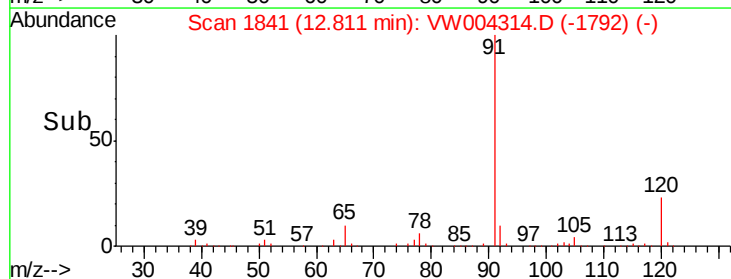
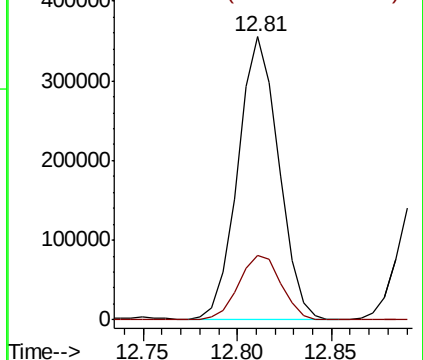
91 100

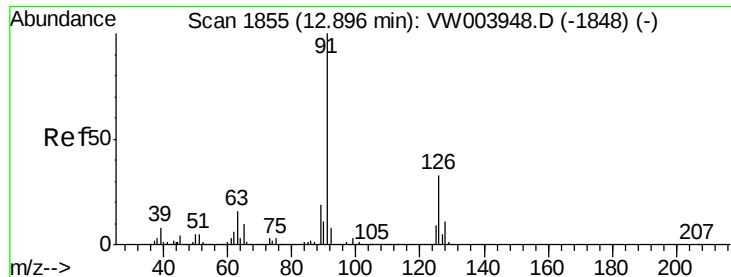
120 23.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

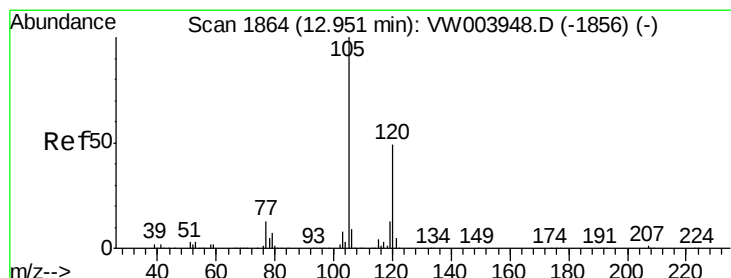
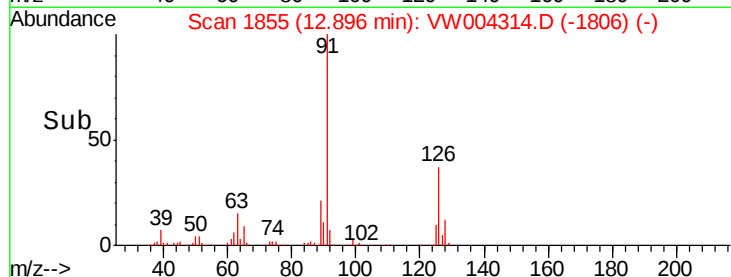
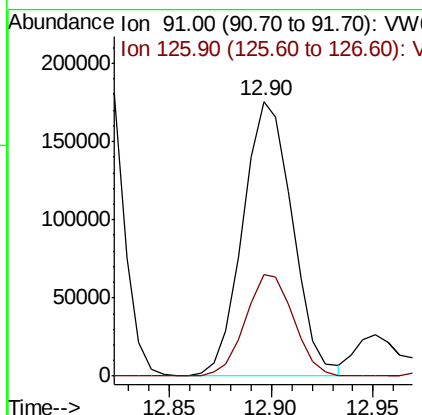
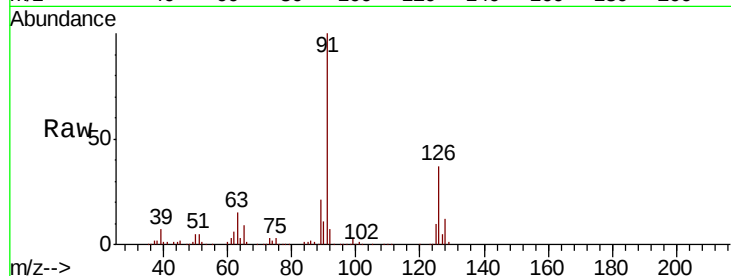




#79
 2-Chlorotoluene
 Concen: 48.305 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

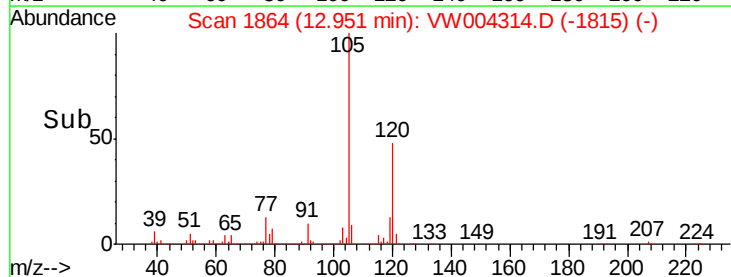
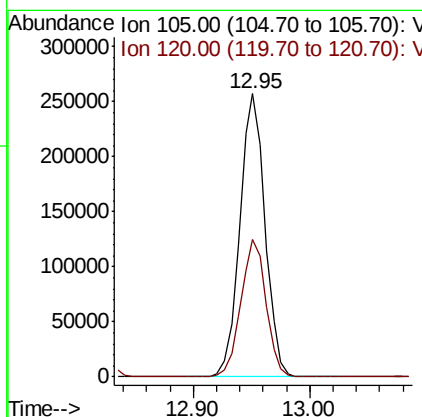
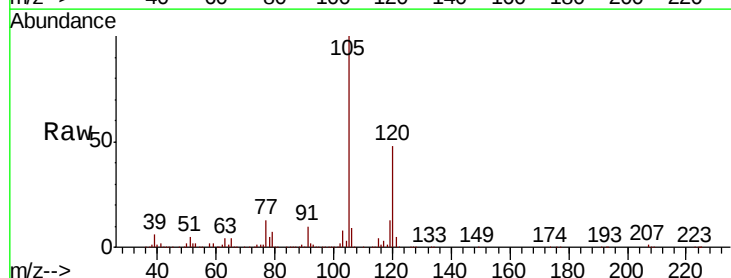
Instrument :
 MSVOA_W
 ClientSampled :

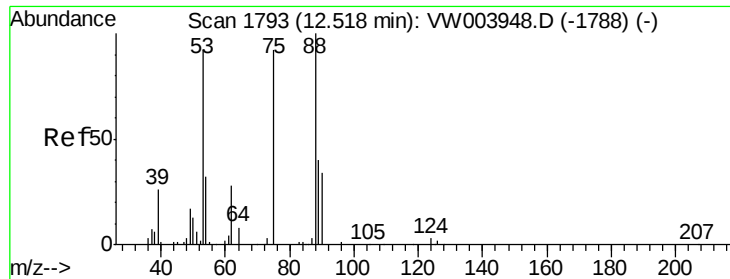
Tot Ion: 91 Resp: 296672
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 50.923 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion:105 Resp: 386667
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.108 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

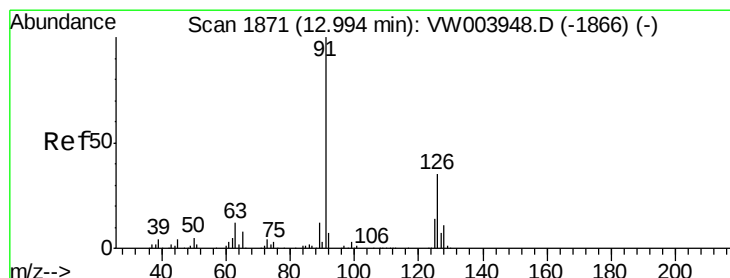
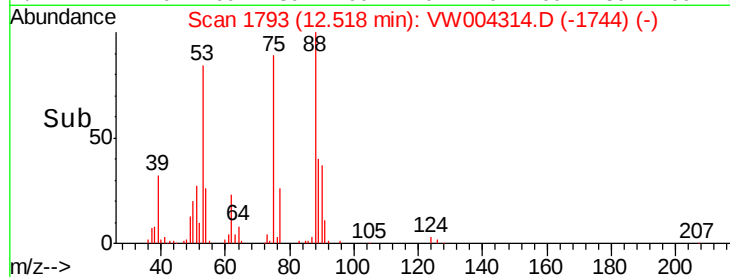
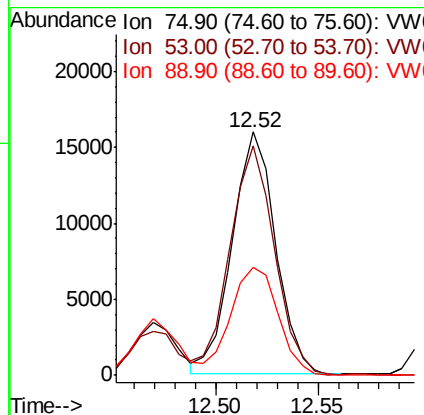
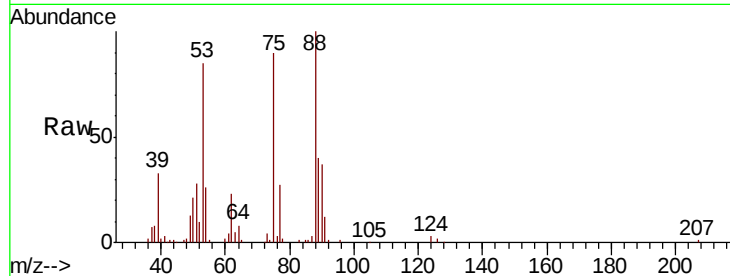
Tot Ion: 75 Resp: 23487

Ion Ratio Lower Upper

75 100

53 98.3 77.6 116.4

89 48.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.112 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004314.D

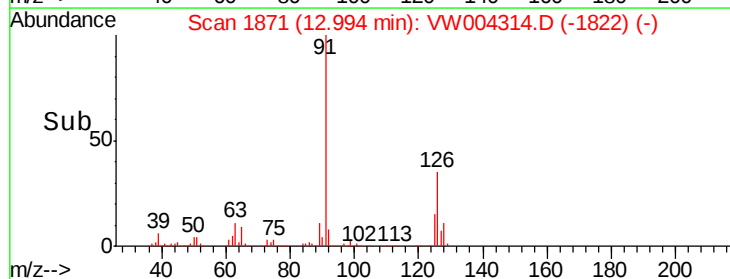
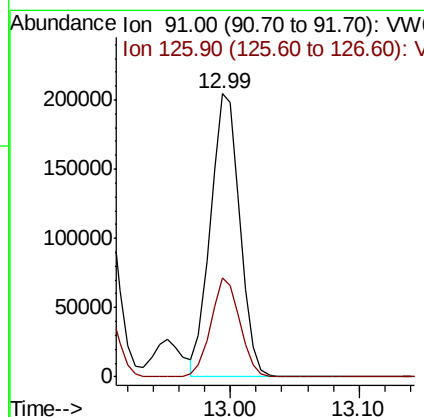
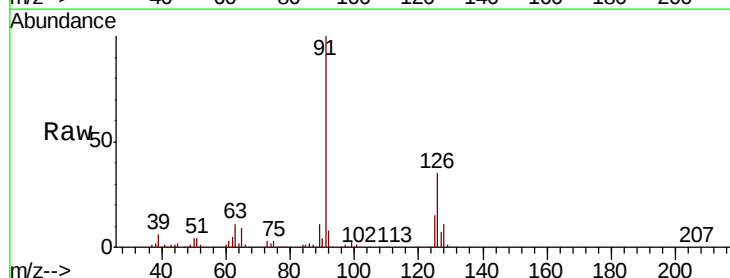
Acq: 29 Jul 2018 14:47

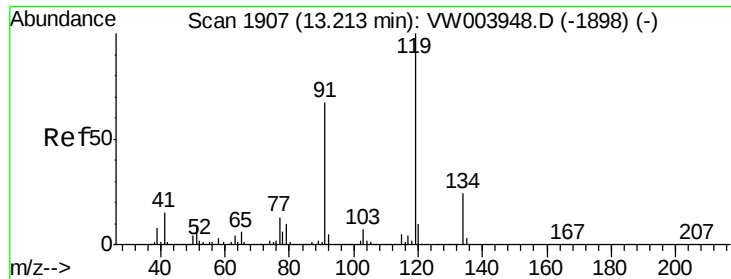
Tgt Ion: 91 Resp: 325668

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3

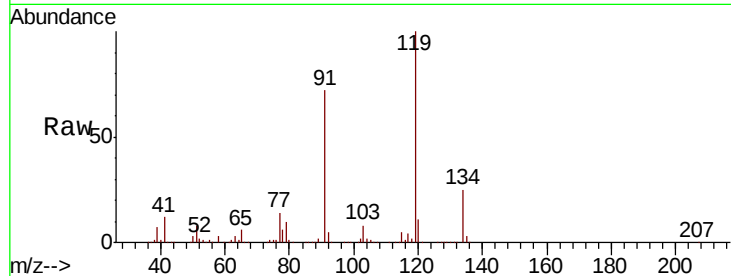




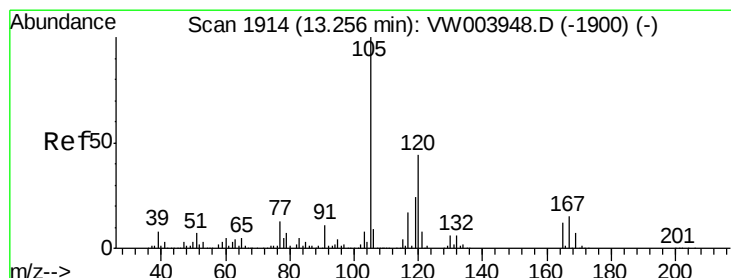
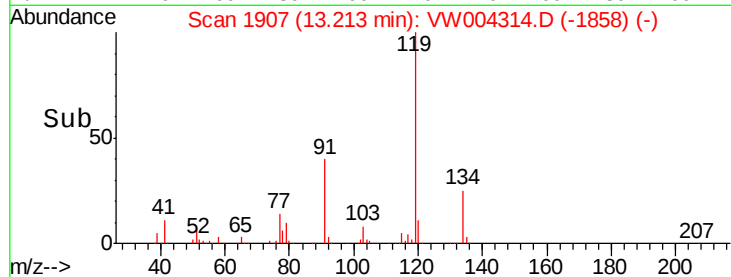
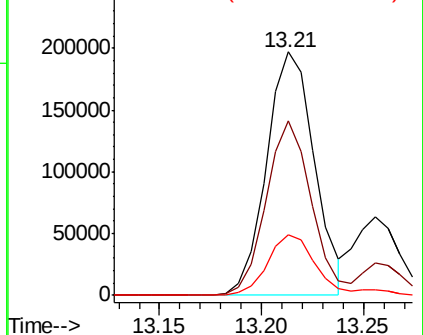
#83
tert-Butylbenzene
Concen: 51.070 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 323055
Ion Ratio Lower Upper
119 100
91 68.0 32.8 98.3
134 26.2 12.2 36.6

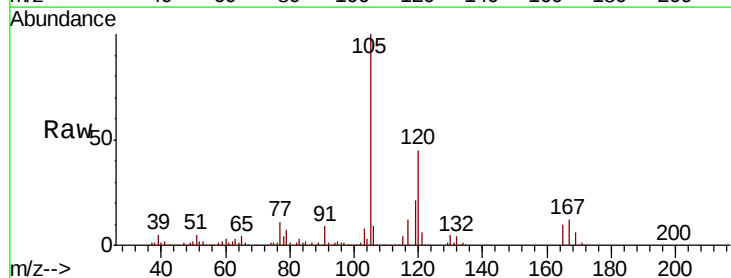


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

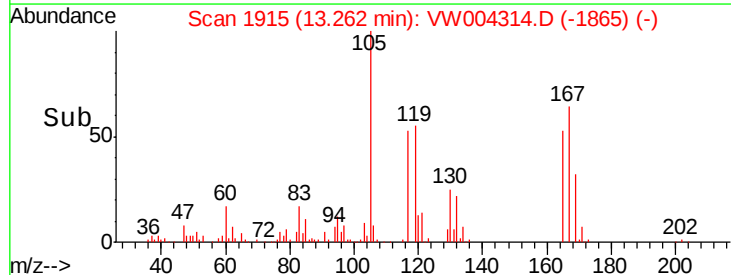
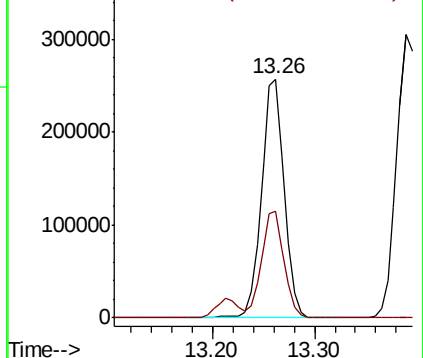


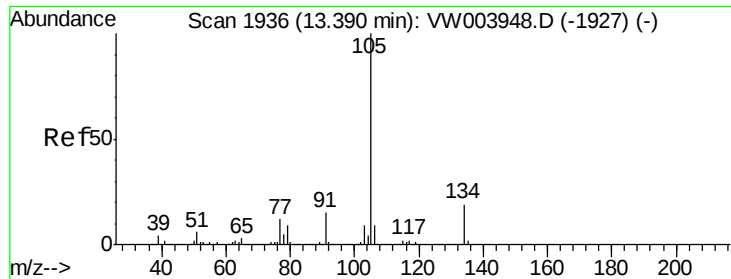
#84
1,2,4-Trimethylbenzene
Concen: 51.403 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004314.D
Acq: 29 Jul 2018 14:47

Tgt Ion:105 Resp: 398069
Ion Ratio Lower Upper
105 100
120 44.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

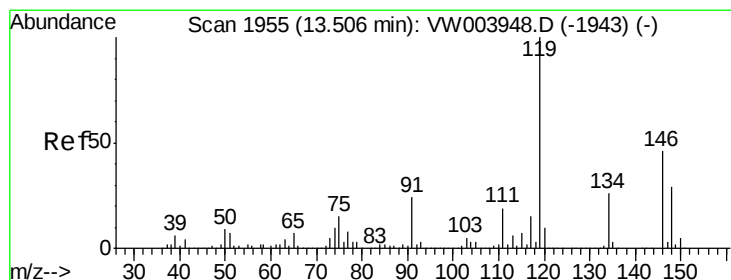
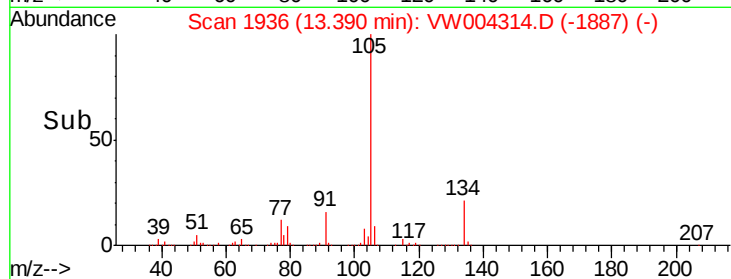
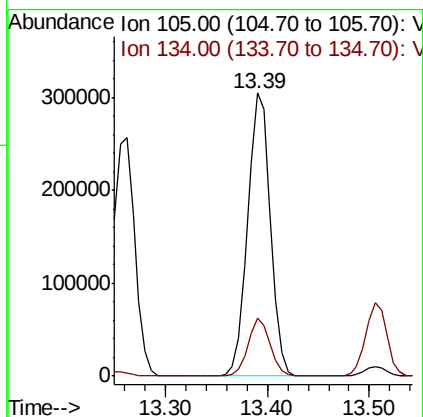
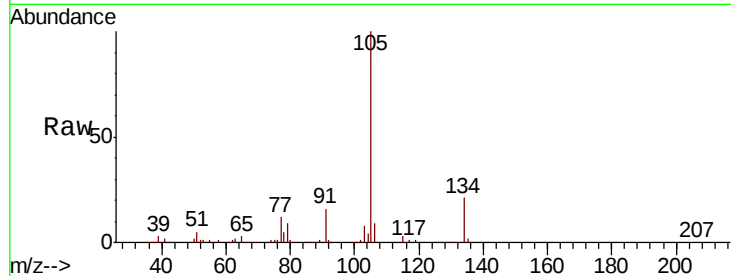




#85
 sec-Butylbenzene
 Concen: 51.338 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

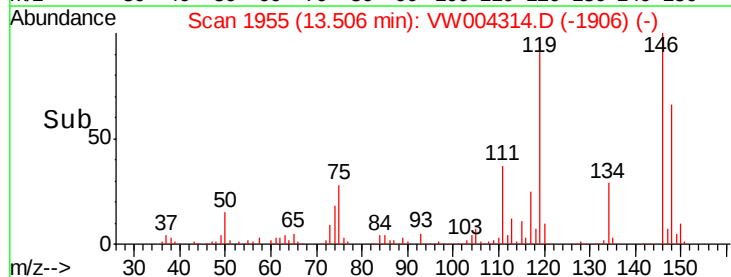
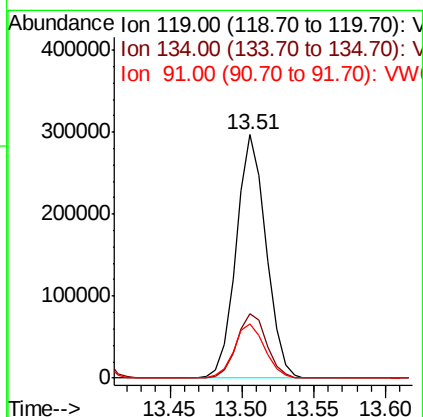
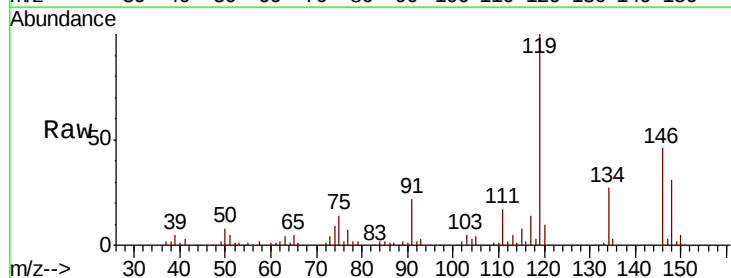
Instrument :
 MSVOA_W
 ClientSampleId :

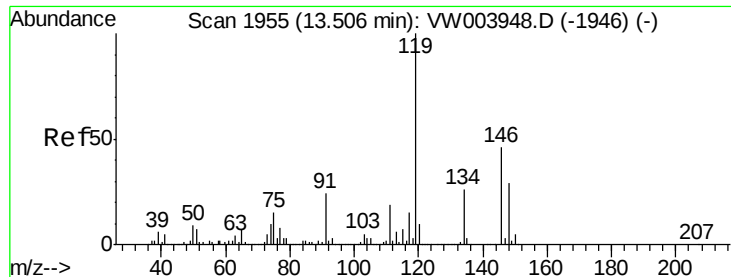
Tot Ion:105 Resp: 474364
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.532 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion:119 Resp: 427650
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 22.6 11.3 33.9

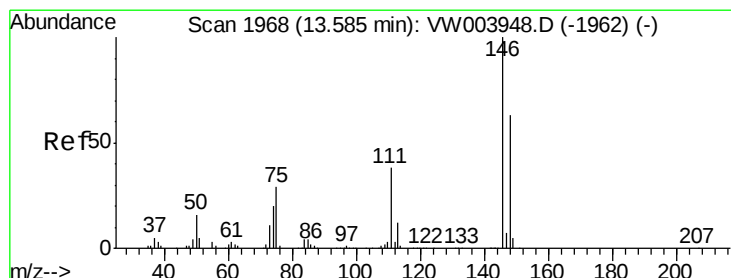
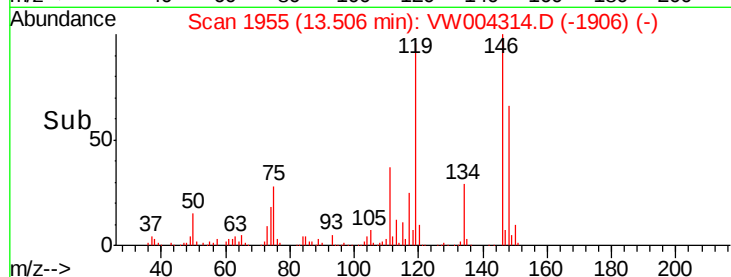
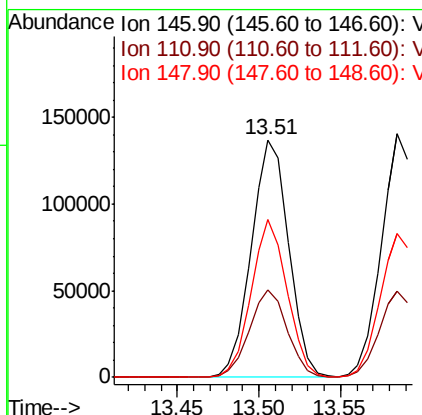
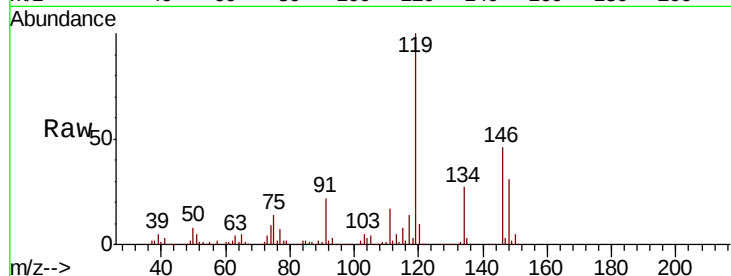




#87
 1,3-Dichlorobenzene
 Concen: 51.245 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

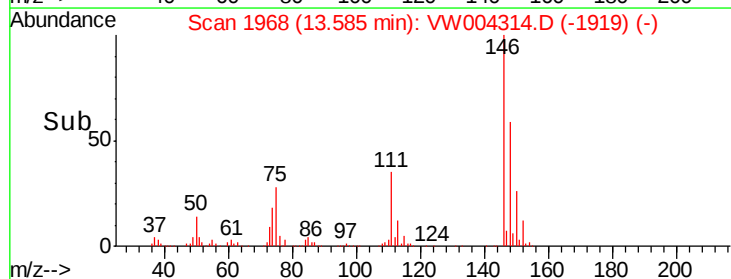
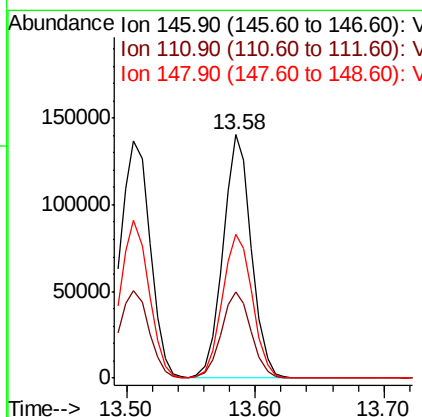
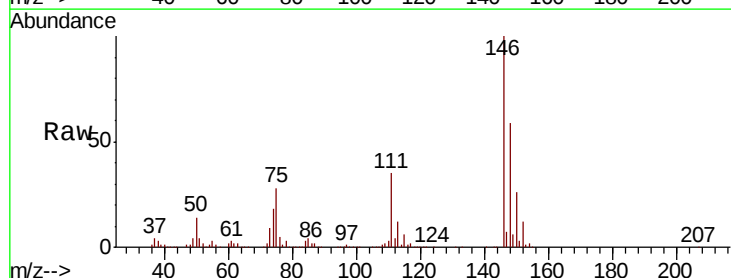
Instrument :
 MSVOA_W
 ClientSampleId :

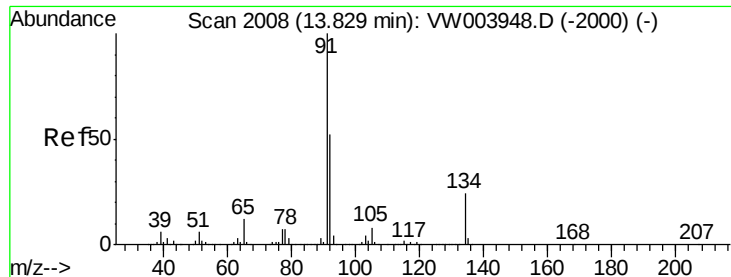
Tot Ion:146 Resp: 218447
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.9 59.6
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.831 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion:146 Resp: 216182
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.4 58.1
 148 62.4 32.8 98.3





#89

n-Butylbenzene

Concen: 48.825 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

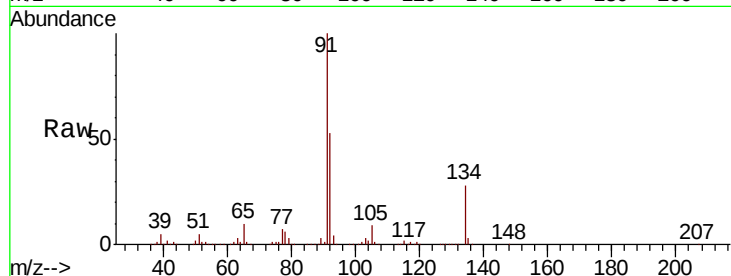
Tot Ion: 91 Resp: 378362

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

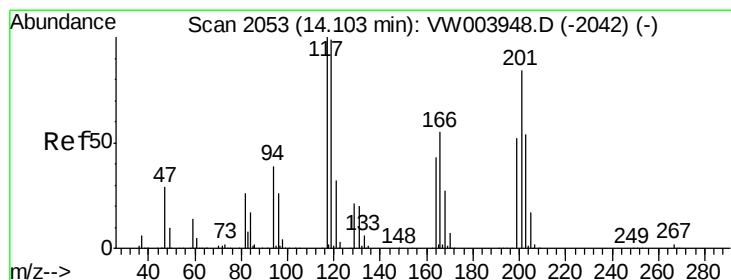
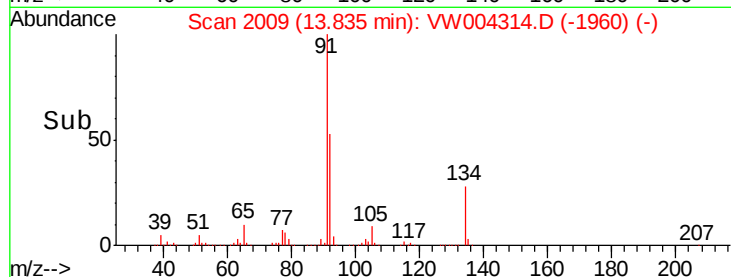
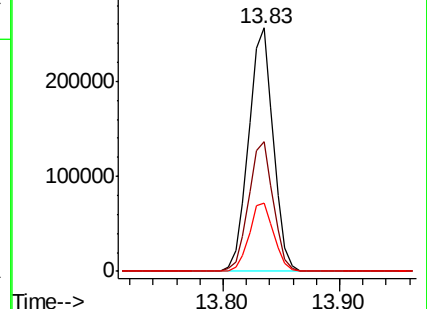
134 28.1 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.292 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW004314.D

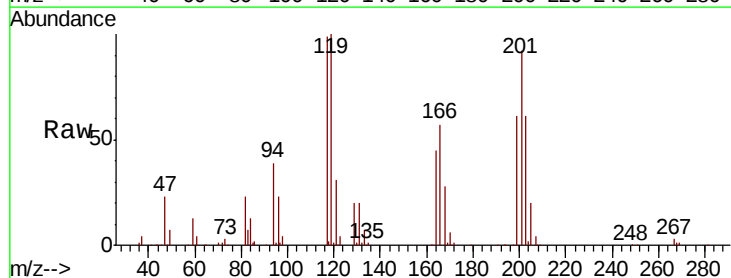
Acq: 29 Jul 2018 14:47

Tgt Ion: 117 Resp: 72959

Ion Ratio Lower Upper

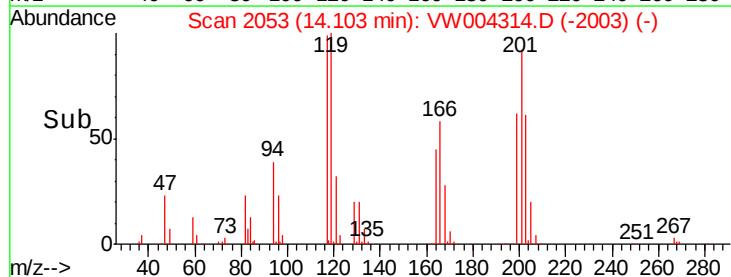
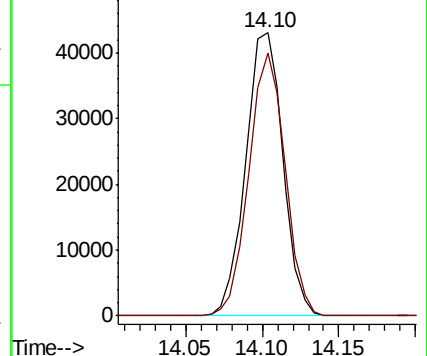
117 100

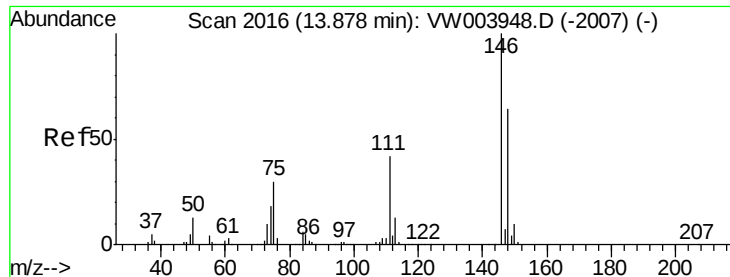
201 90.4 41.5 124.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

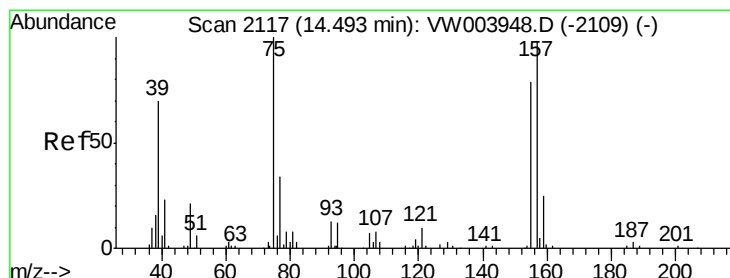
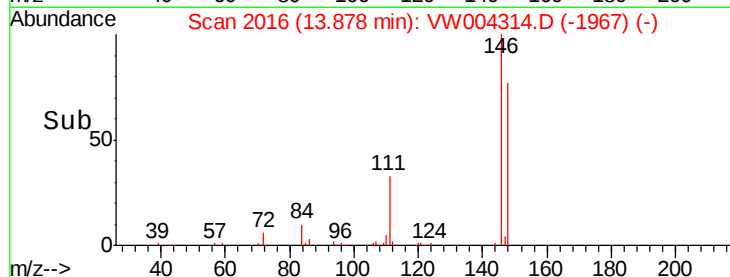
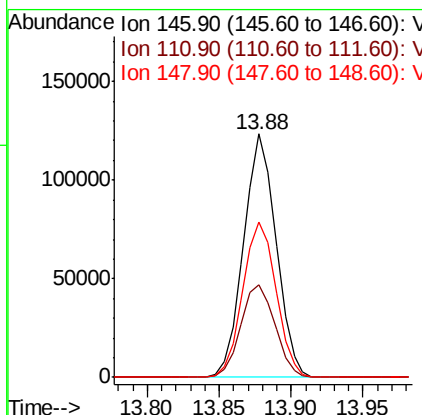
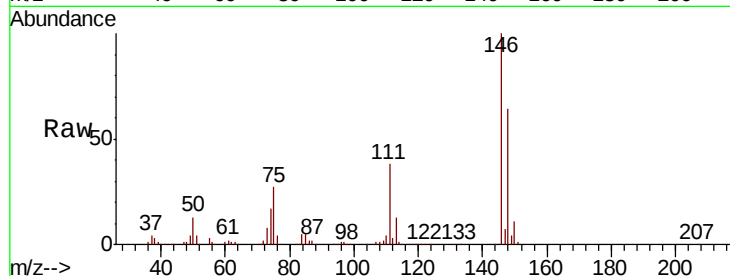




#91
 1,2-Dichlorobenzene
 Concen: 50.534 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

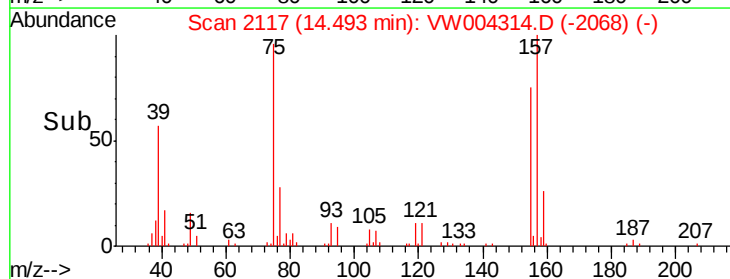
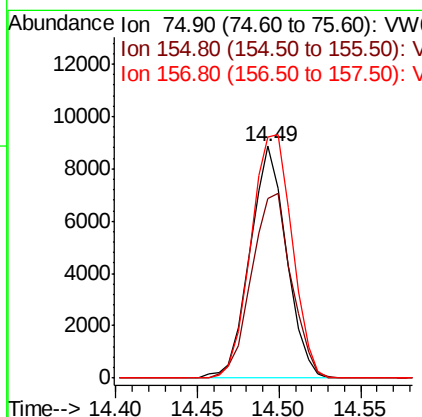
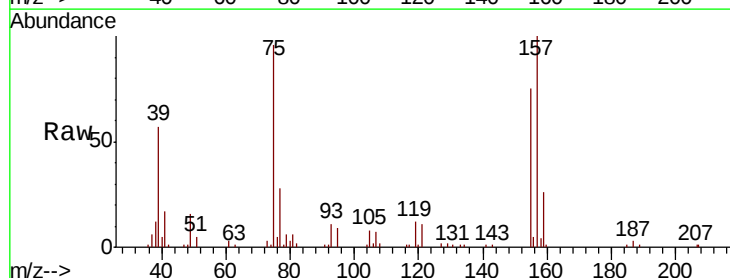
Instrument :
 MSVOA_W
 ClientSampleId :

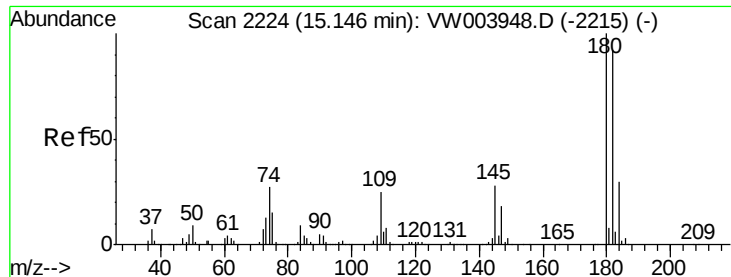
Tot Ion:146 Resp: 192818
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.1
 148 65.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.183 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion: 75 Resp: 13795
 Ion Ratio Lower Upper
 75 100
 155 87.0 41.4 124.4
 157 117.4 55.2 165.6

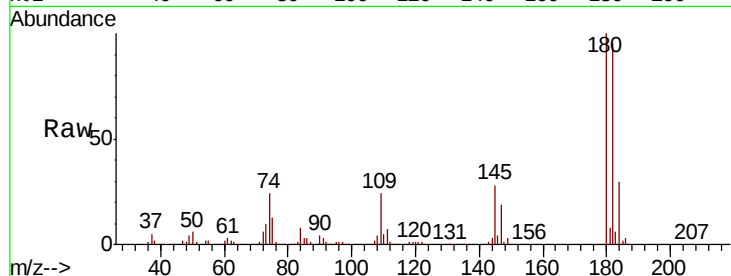




#93
 1,2,4-Trichlorobenzene
 Concen: 54.055 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.8
145	30.1	14.8	44.4

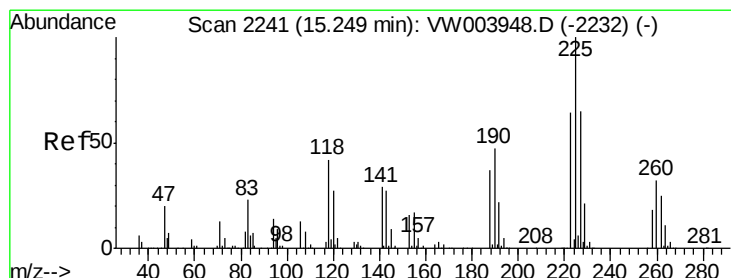
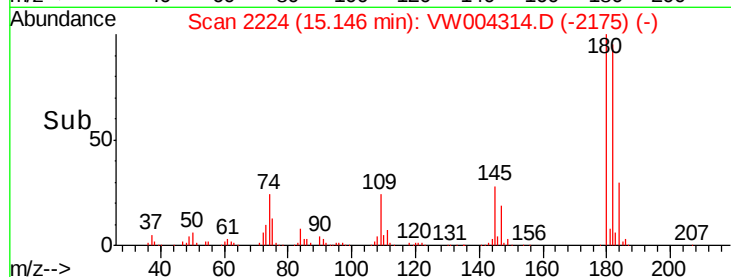
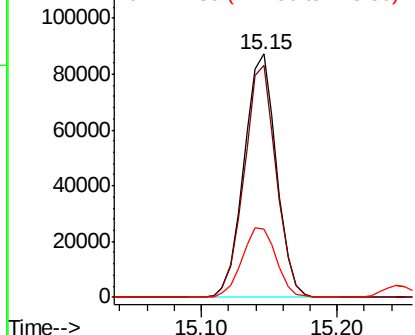


Abundance

Ion 179.80 (179.50 to 180.50): V

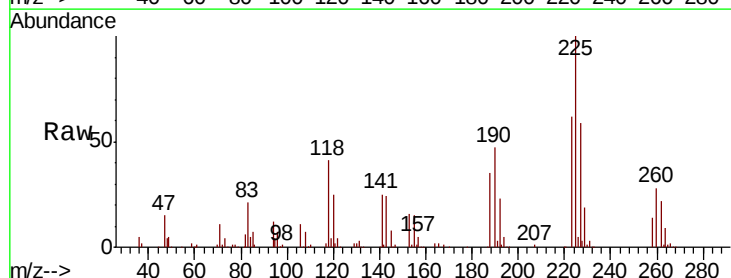
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.684 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004314.D
 Acq: 29 Jul 2018 14:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.0	93.0
227	63.3	32.6	97.7

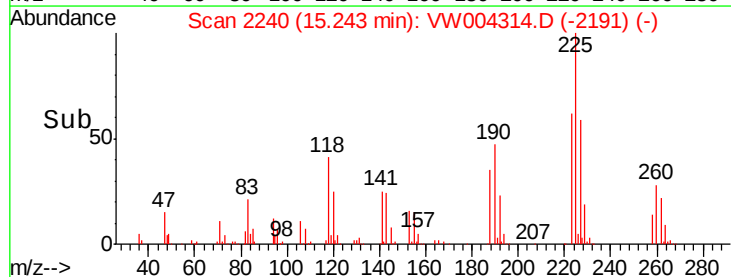
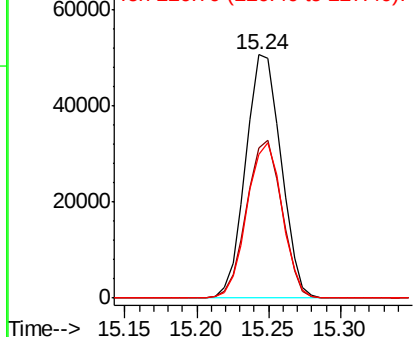


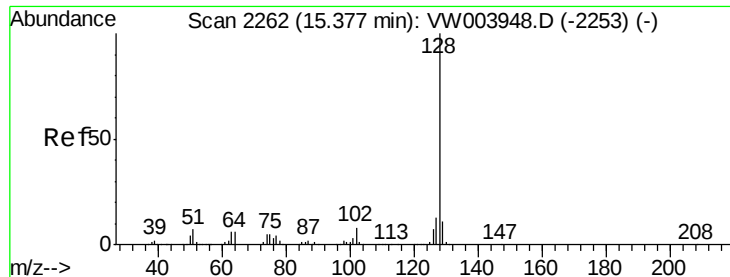
Abundance

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: 55.251 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004314.D

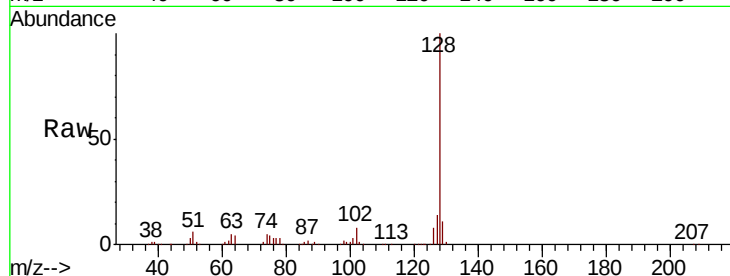
Acq: 29 Jul 2018 14:47

Instrument :

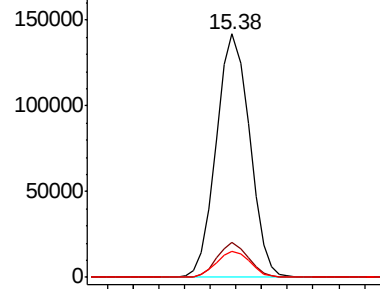
MSVOA_W

ClientSampleId :

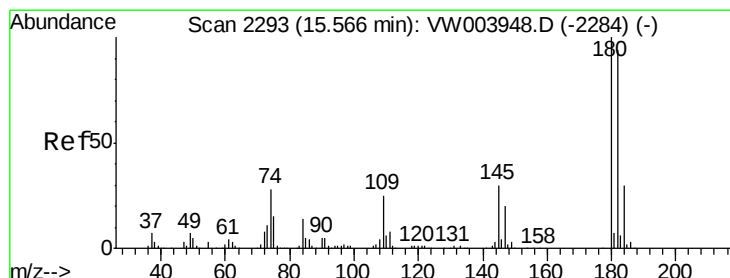
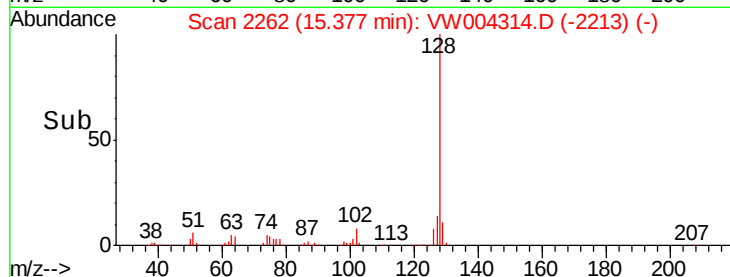
Tot Ion:128	Resp:	254667
Ion	Ratio	Lower Upper
128	100	
127	13.5	10.4 15.6
129	10.8	8.6 13.0



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



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 53.580 ug/l

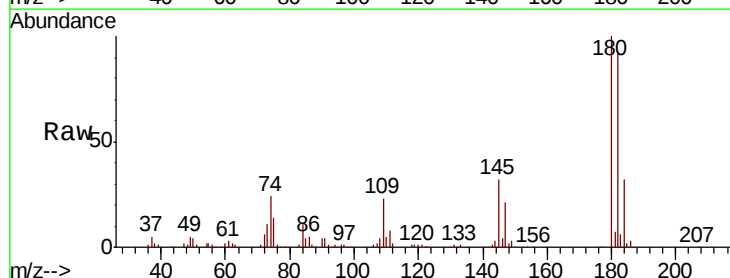
RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

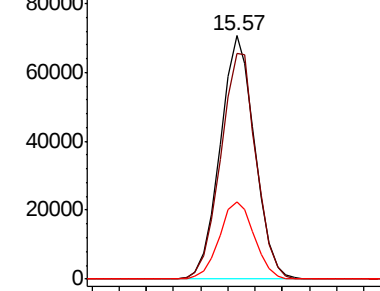
Lab File: VW004314.D

Acq: 29 Jul 2018 14:47

Tgt Ion:180	Resp:	125612
Ion	Ratio	Lower Upper
180	100	
182	95.4	48.0 144.0
145	32.2	16.2 48.5



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



Time-->

