

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004317.D
 Acq On : 29 Jul 2018 16:56
 Operator : SY/AP
 Sample : VW0730SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:33:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	237368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	211557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119440	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80235	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	75806	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.33	98	291932	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.62	95	104211	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	18162	31.460	ug/l	95
3) Chloromethane	2.21	50	29324	36.324	ug/l	90
4) Vinyl Chloride	2.36	62	41255	28.497	ug/l	96
5) Bromomethane	2.77	94	22473	22.622	ug/l	98
6) Chloroethane	2.92	64	18877	20.301	ug/l	96
7) Trichlorofluoromethane	3.25	101	18836	18.923	ug/l	94
8) Diethyl Ether	3.67	74	20460	28.433	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35325	22.790	ug/l	95
10) Methyl Iodide	4.26	142	44223	18.998	ug/l	99
11) Tert butyl alcohol	5.18	59	11810	106.220	ug/l #	82
12) 1,1-Dichloroethene	4.02	96	36914	23.845	ug/l	93
13) Acrolein	3.89	56	11058	110.434	ug/l	97
14) Allyl chloride	4.65	41	37518	15.273	ug/l #	87
15) Acrylonitrile	5.37	53	30560	85.637	ug/l	98
16) Acetone	4.12	43	29286	80.082	ug/l	100
17) Carbon Disulfide	4.37	76	80447	16.605	ug/l	100
18) Methyl Acetate	4.67	43	14431	16.317	ug/l #	89
19) Methyl tert-butyl Ether	5.43	73	53579	18.831	ug/l	96
20) Methylene Chloride	4.91	84	29703	17.801	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	30615	18.255	ug/l	90
22) Diisopropyl ether	6.31	45	75091	15.160	ug/l #	94
23) Vinyl Acetate	6.25	43	223203	77.673	ug/l #	92
24) 1,1-Dichloroethane	6.21	63	51153	16.390	ug/l	97
25) 2-Butanone	7.17	43	37157	81.080	ug/l	97
26) 2,2-Dichloropropane	7.17	77	32067	17.327	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	32839	18.483	ug/l	93
28) Bromochloromethane	7.51	49	18091	16.182	ug/l #	67
29) Tetrahydrofuran	7.53	42	23496	76.160	ug/l #	87
30) Chloroform	7.67	83	56487	18.539	ug/l	96
31) Cyclohexane	7.95	56	44041	15.635	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	47085	18.816	ug/l	97
36) 1,1-Dichloropropene	8.08	75	41632	17.532	ug/l	96
37) Ethyl Acetate	7.26	43	16932	17.401	ug/l #	98
38) Carbon Tetrachloride	8.07	117	46040	19.635	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50427	17.623	ug/l	92
40) Benzene	8.32	78	121472	18.184	ug/l	99
41) Methacrylonitrile	7.49	41	9098	15.759	ug/l #	81
42) 1,2-Dichloroethane	8.40	62	37906	19.848	ug/l	99
43) Isopropyl Acetate	8.43	43	32177	18.347	ug/l	97
44) Trichloroethene	9.09	130	34839	19.318	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27903	16.833	ug/l	95
46) Dibromomethane	9.46	93	15408	18.203	ug/l	87
47) Bromodichloromethane	9.65	83	40821	19.014	ug/l	100
48) Methyl methacrylate	9.44	41	15289	17.117	ug/l	86
49) 1,4-Dioxane	9.45	88	5022	391.372	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	83107	86.345	ug/l	95
52) Toluene	10.39	92	79581	18.974	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	42263	19.654	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	46267	18.456	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	23415	19.415	ug/l	93
56) Ethyl methacrylate	10.65	69	28349	19.425	ug/l	95
57) 1,3-Dichloropropane	10.93	76	38580	18.776	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	60286	92.990	ug/l	90
59) 2-Hexanone	10.98	43	56446	85.409	ug/l	99
60) Dibromochloromethane	11.13	129	28903	20.029	ug/l	100
61) 1,2-Dibromoethane	11.24	107	21562	18.749	ug/l	94
64) Tetrachloroethene	10.87	164	32327	20.857	ug/l	97
65) Chlorobenzene	11.66	112	87788	19.758	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	31845	20.321	ug/l	95
67) Ethyl Benzene	11.74	91	146149	18.870	ug/l	98
68) m/p-Xylenes	11.85	106	115667	38.810	ug/l	97
69) o-Xylene	12.17	106	55718	20.233	ug/l	95
70) Styrene	12.18	104	93571	20.113	ug/l	99
71) Bromoform	12.35	173	18766	21.367	ug/l #	99
73) Isopropylbenzene	12.47	105	154341	18.636	ug/l	98
74) N-amyl acetate	12.28	43	28442	15.694	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	25330	17.460	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	35241	32.329	ug/l #	100
77) Bromobenzene	12.75	156	39847	19.913	ug/l	88
78) n-propylbenzene	12.81	91	178540	17.696	ug/l	95
79) 2-Chlorotoluene	12.90	91	105152	18.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	136499	19.132	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	8112	17.316	ug/l	98
82) 4-Chlorotoluene	12.99	91	114451	18.743	ug/l	100
83) tert-Butylbenzene	13.21	119	114868	19.326	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	141639	19.465	ug/l	99
85) sec-Butylbenzene	13.39	105	159813	18.407	ug/l	96
86) p-Isopropyltoluene	13.51	119	146242	18.755	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	79298	19.798	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	75698	18.943	ug/l	99
89) n-Butylbenzene	13.83	91	131855	18.108	ug/l	99
90) Hexachloroethane	14.10	117	26179	18.824	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	67881	18.934	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5133	20.269	ug/l	97

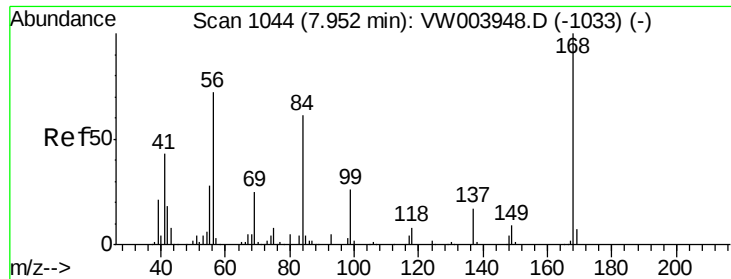
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Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	52447	20.834	ug/l	98
94) Hexachlorobutadiene	15.24	225	31159	20.259	ug/l	99
95) Naphthalene	15.38	128	90143	20.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	45221	20.529	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

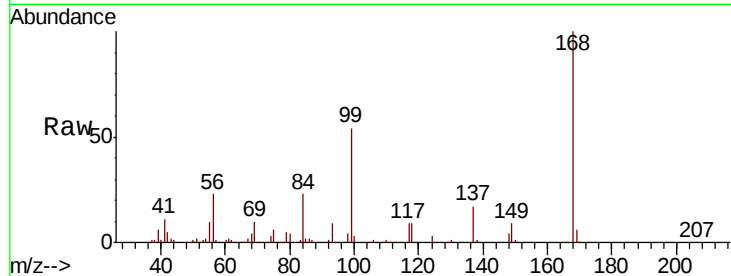
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 163579

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

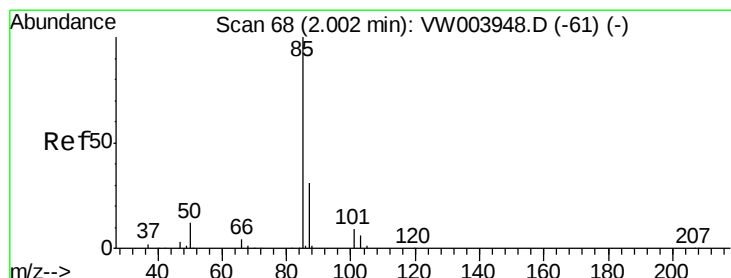
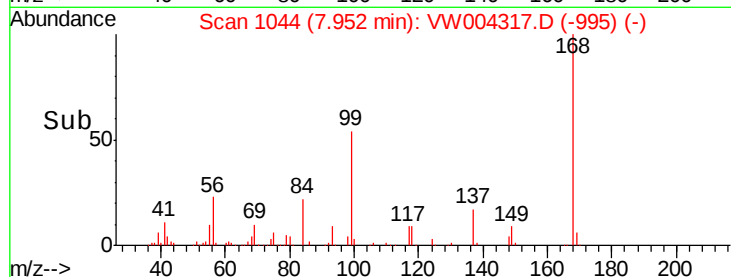
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 31.460 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004317.D

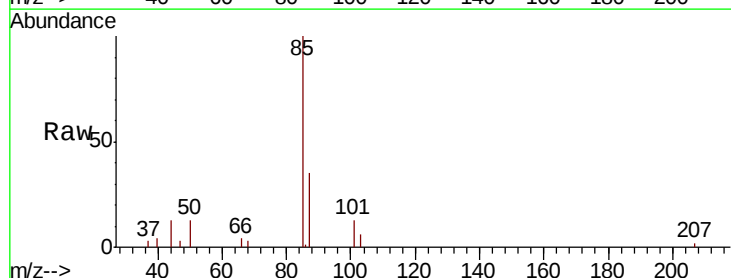
Acq: 29 Jul 2018 16:56

Tgt Ion: 85 Resp: 18162

Ion Ratio Lower Upper

85 100

87 34.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

4000

2000

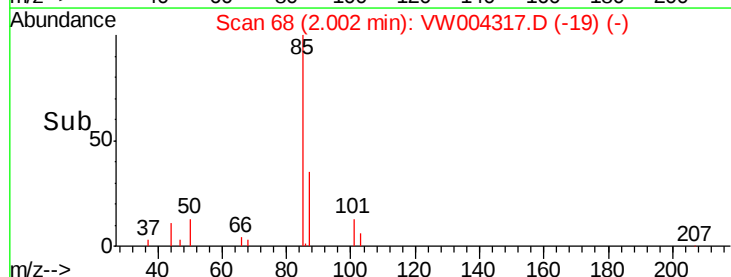
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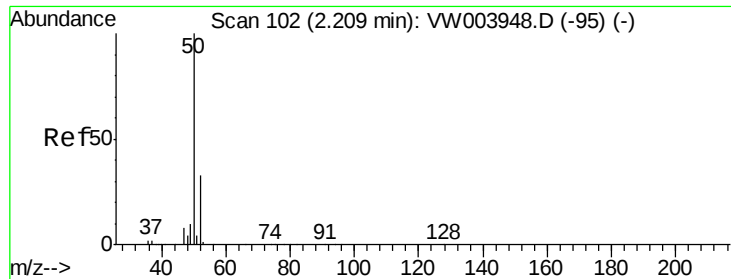
1.90

2.00

2.10

Time-->

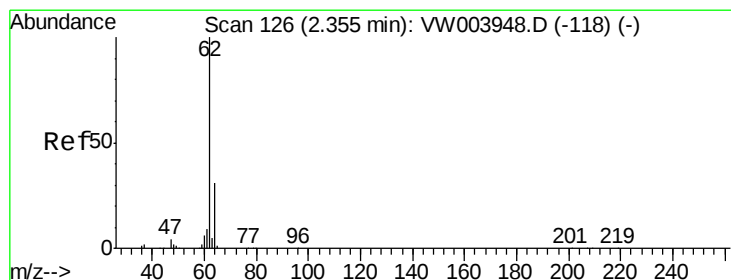
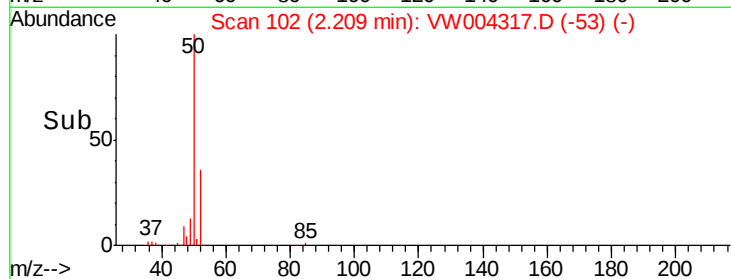
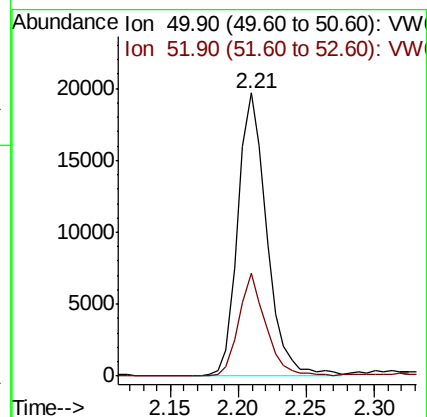
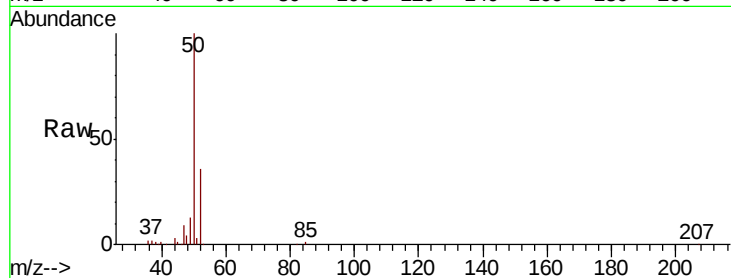




#3
Chloromethane
Concen: 36.324 ug/l
RT: 2.21 min Scan# 102
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

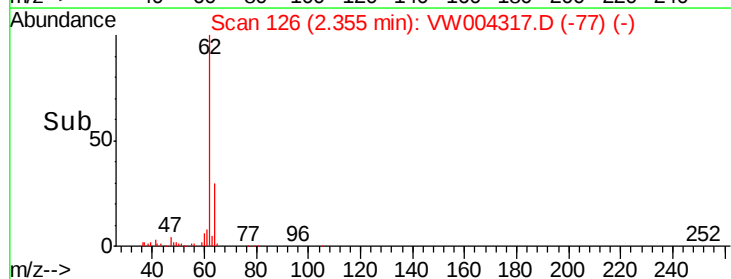
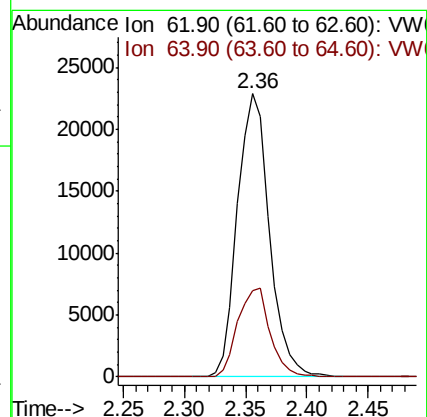
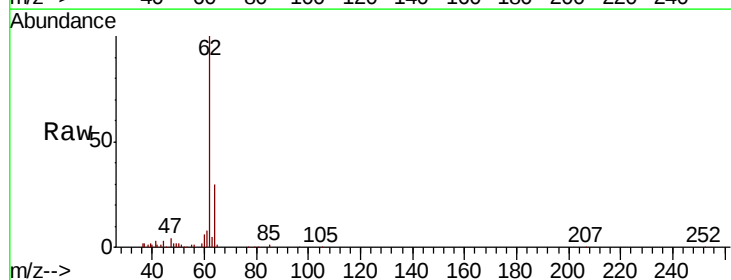
Instrument :
MSVOA_W
ClientSampled :

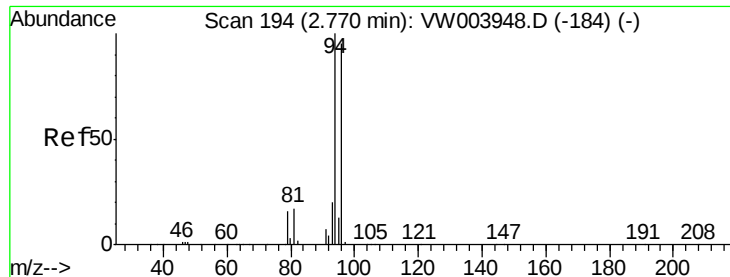
Tot Ion: 50 Resp: 29324
Ion Ratio Lower Upper
50 100
52 36.5 24.8 37.2



#4
Vinyl Chloride
Concen: 28.497 ug/l
RT: 2.36 min Scan# 126
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 62 Resp: 41255
Ion Ratio Lower Upper
62 100
64 30.4 25.9 38.9





#5

Bromomethane

Concen: 22.622 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

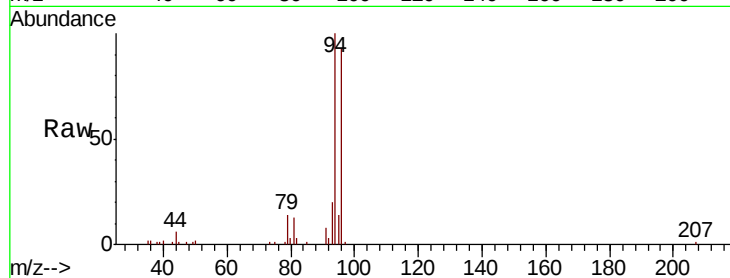
ClientSampleId :

Tot Ion: 94 Resp: 22473

Ion Ratio Lower Upper

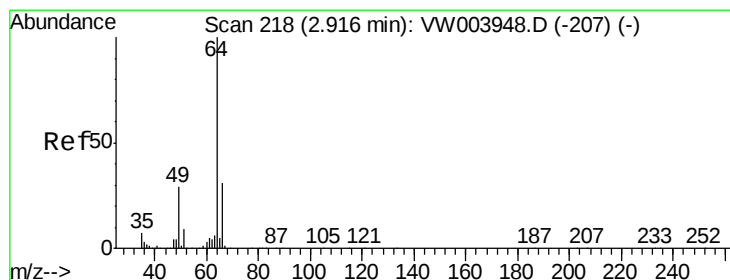
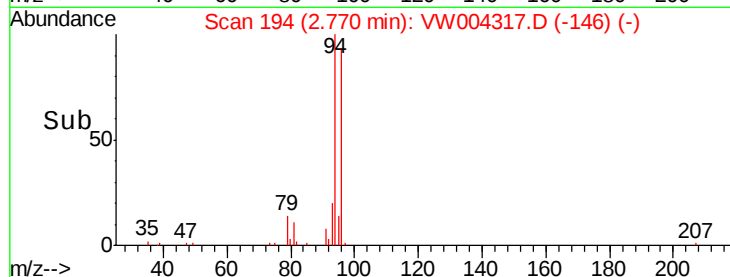
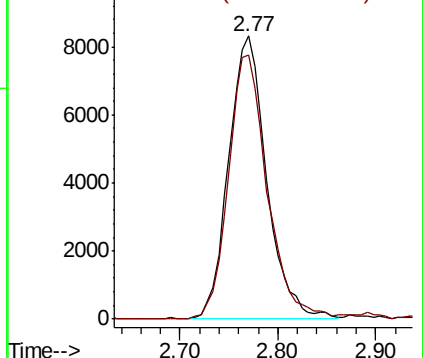
94 100

96 93.4 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.301 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004317.D

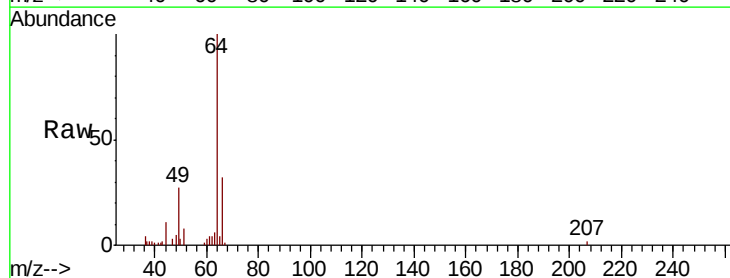
Acq: 29 Jul 2018 16:56

Tgt Ion: 64 Resp: 18877

Ion Ratio Lower Upper

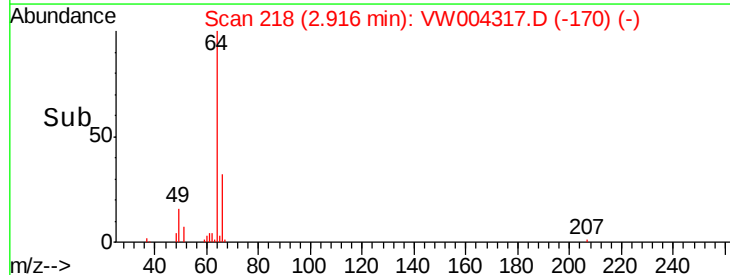
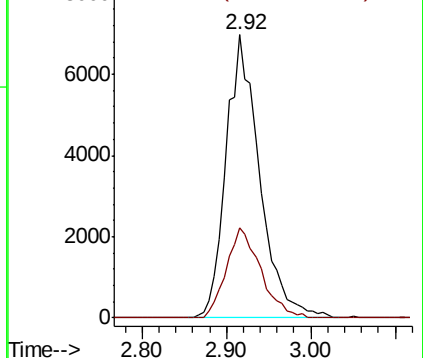
64 100

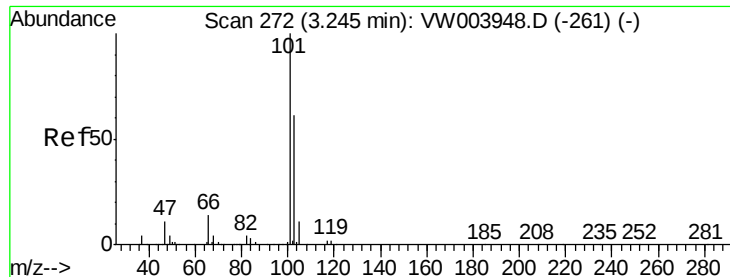
66 31.9 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



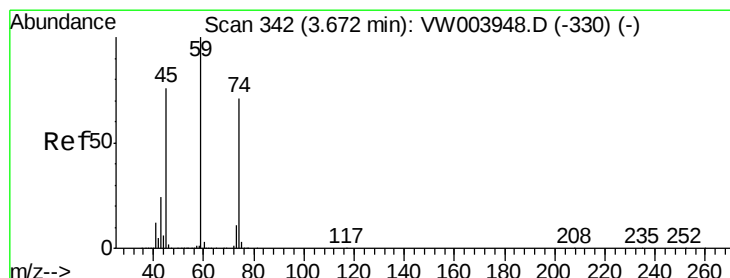
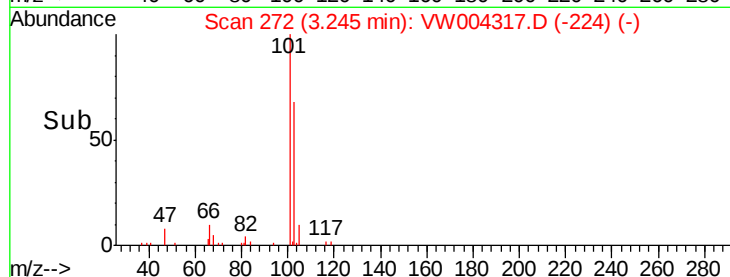
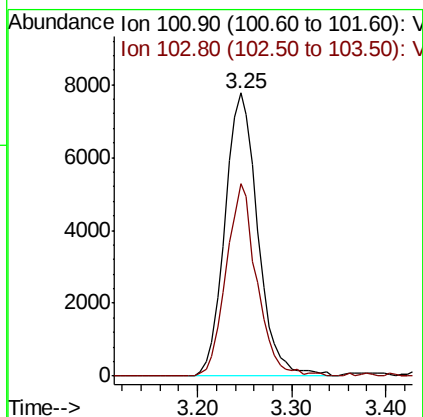
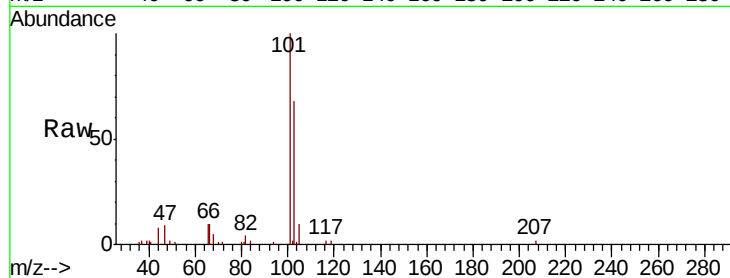


#7

Trichlorofluoromethane
 Concen: 18.923 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Instrument :
 MSVOA_W
 ClientSampleId :

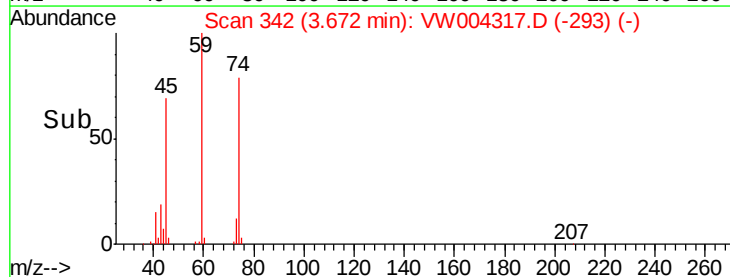
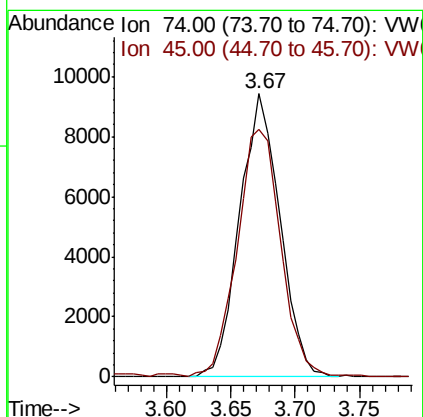
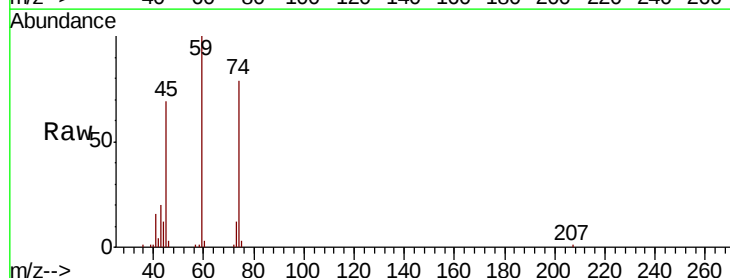
Tot Ion:101 Resp: 18836
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.8 76.2

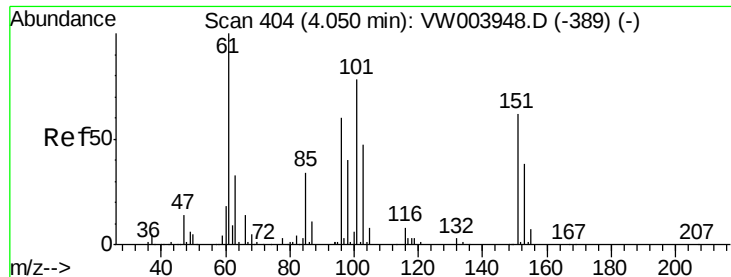


#8

Diethyl Ether
 Concen: 28.433 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 74 Resp: 20460
 Ion Ratio Lower Upper
 74 100
 45 94.5 49.4 148.0

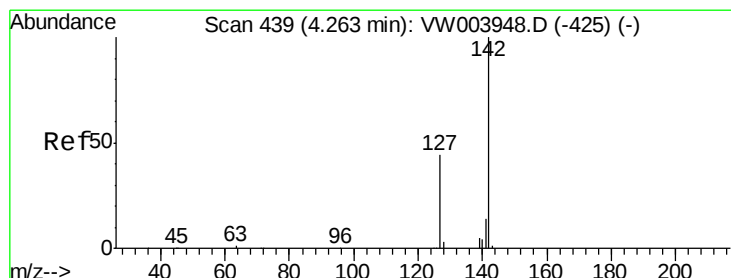
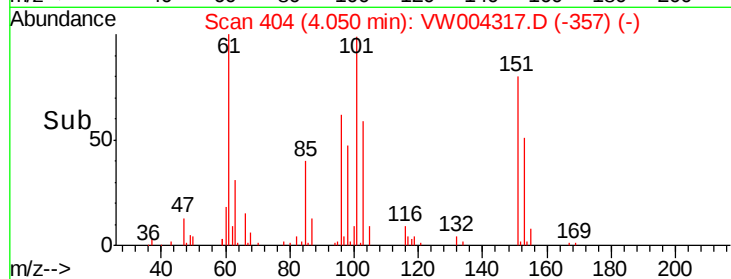
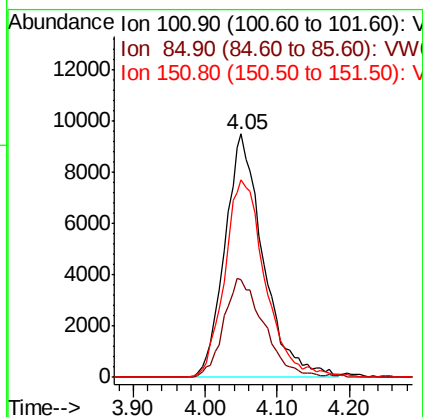
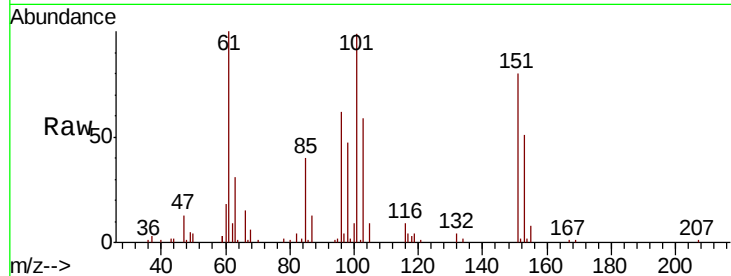




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.790 ug/l
 RT: 4.05 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

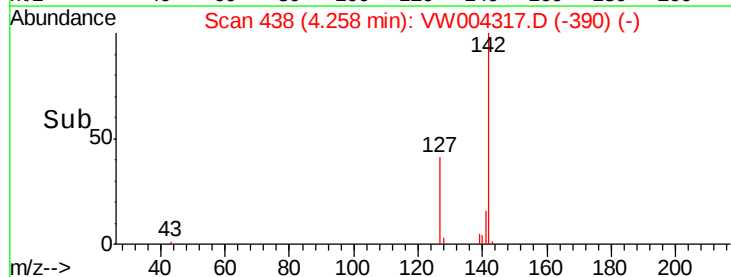
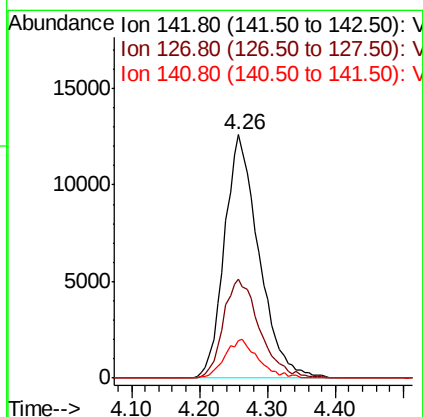
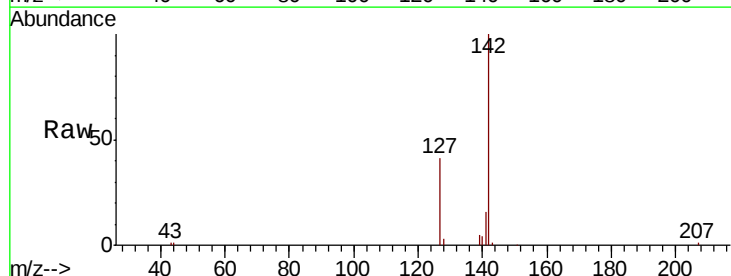
Instrument :
 MSVOA_W
 ClientSampled :

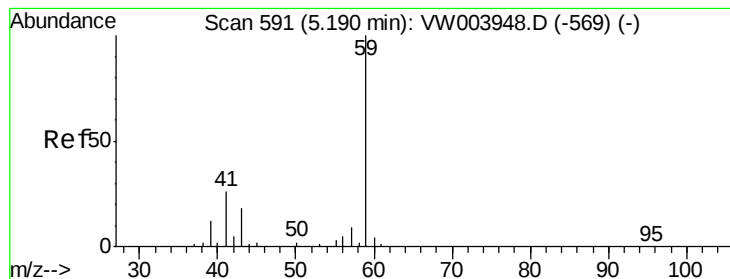
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.5	53.3
151	85.7	64.6	97.0



#10
 Methyl Iodide
 Concen: 18.998 ug/l
 RT: 4.26 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.8	34.6	52.0
141	15.5	11.5	17.3



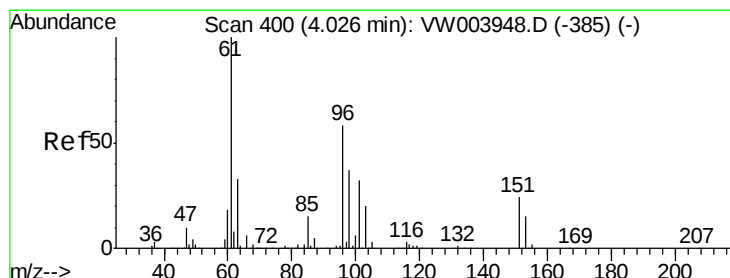
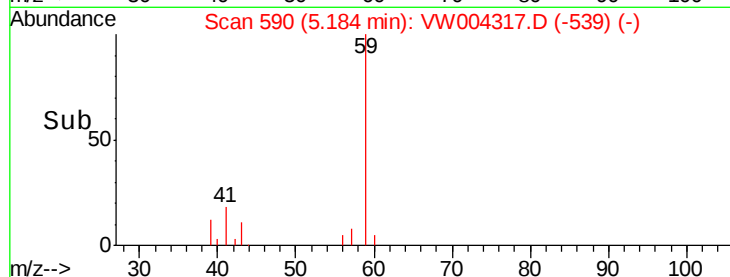
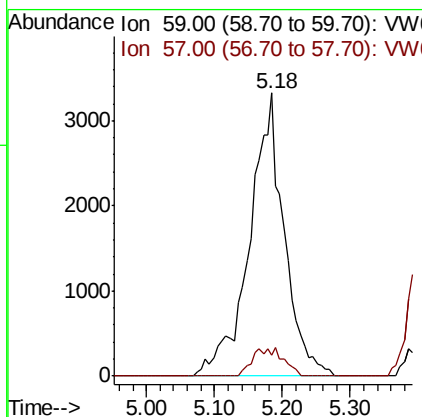
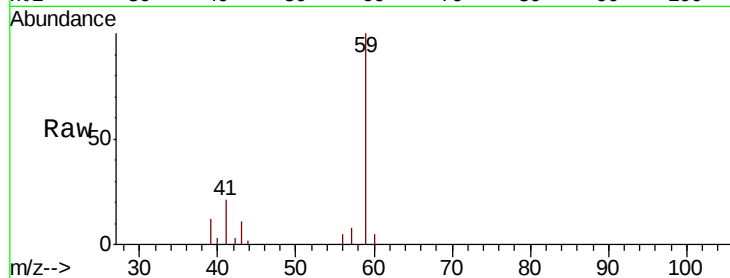


#11

Tert butyl alcohol
 Concen: 106.220 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Instrument :
 MSVOA_W
 ClientSampled :

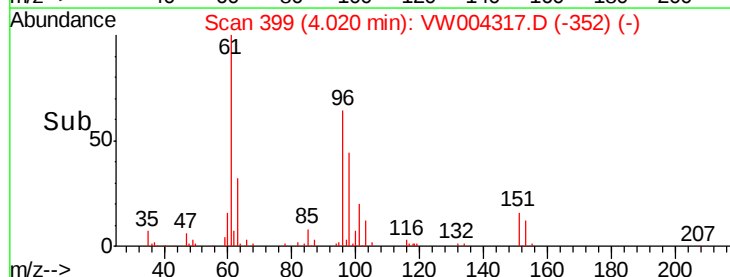
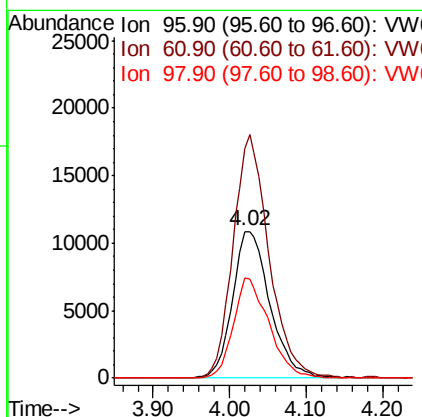
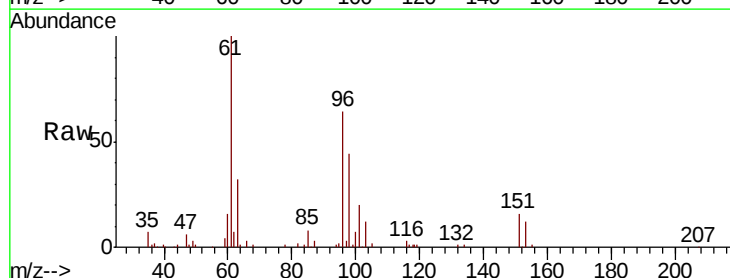
Tot Ion: 59 Resp: 11810
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.4 12.6#

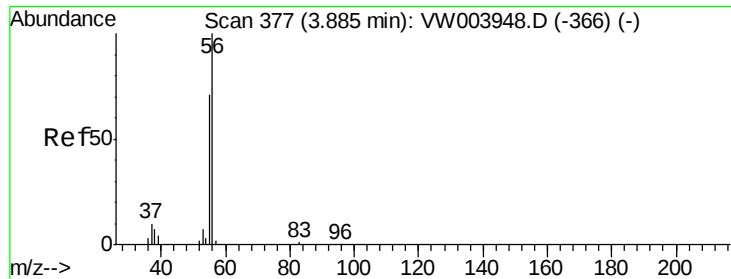


#12

1,1-Dichloroethene
 Concen: 23.845 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 96 Resp: 36914
 Ion Ratio Lower Upper
 96 100
 61 156.5 133.4 200.0
 98 68.4 51.9 77.9





#13

Acrolein

Concen: 110.434 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

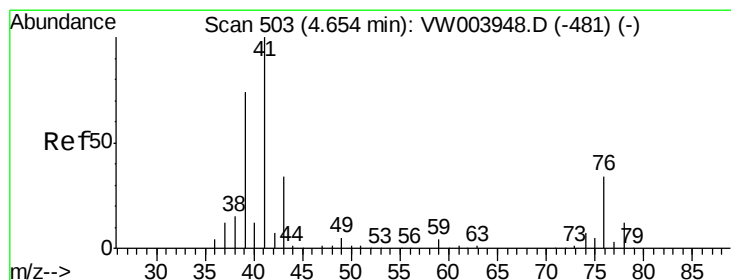
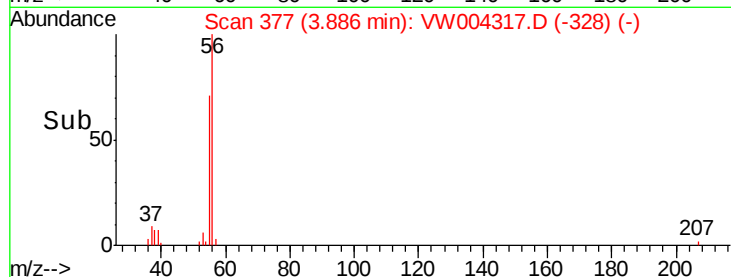
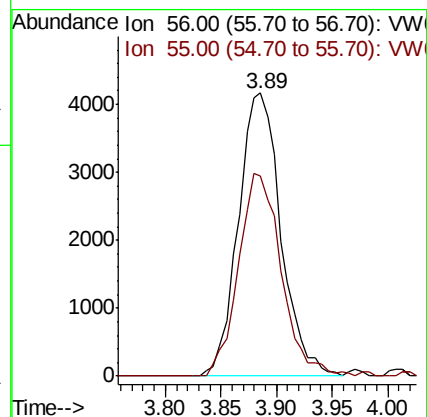
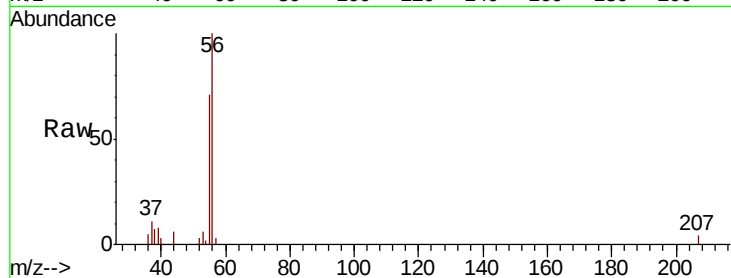
ClientSampleId :

Tot Ion: 56 Resp: 11058

Ion Ratio Lower Upper

56 100

55 71.9 59.4 89.2



#14

Allyl chloride

Concen: 15.273 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

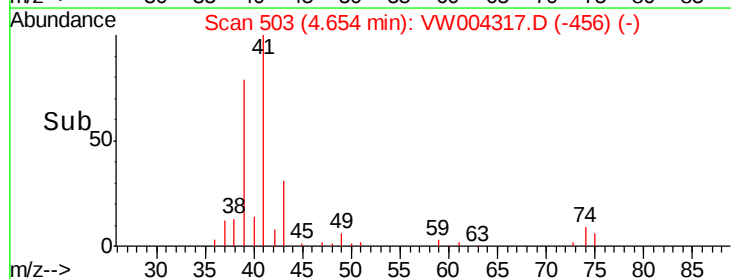
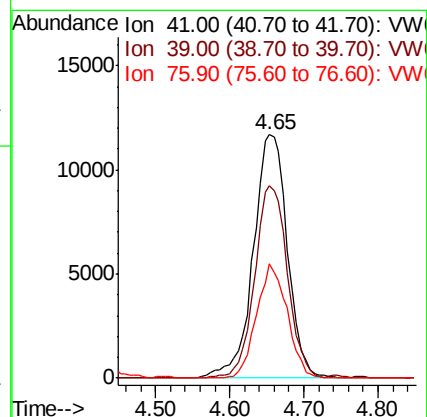
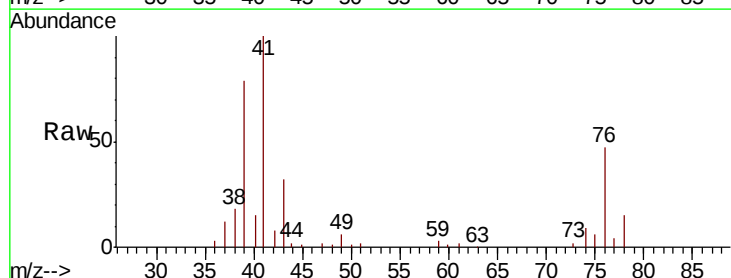
Tgt Ion: 41 Resp: 37518

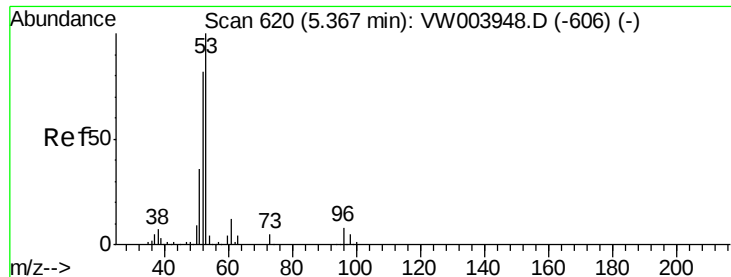
Ion Ratio Lower Upper

41 100

39 75.8 52.3 78.5

76 42.0 27.3 40.9#





#15

Acrylonitrile

Concen: 85.637 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

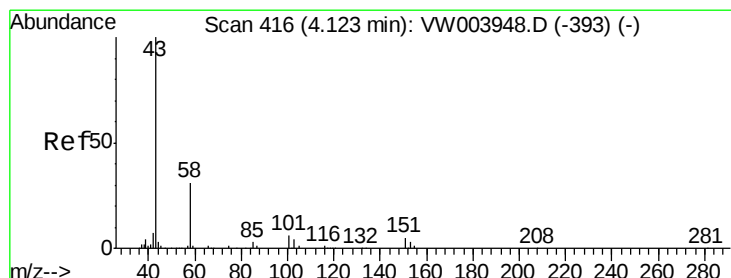
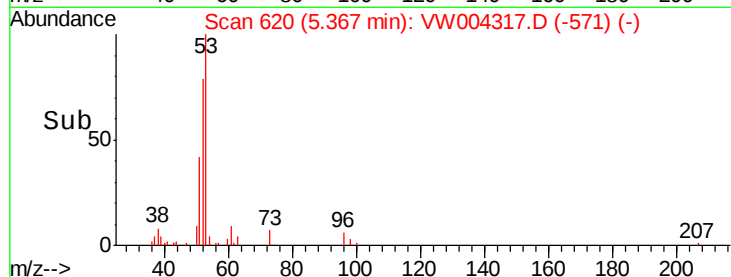
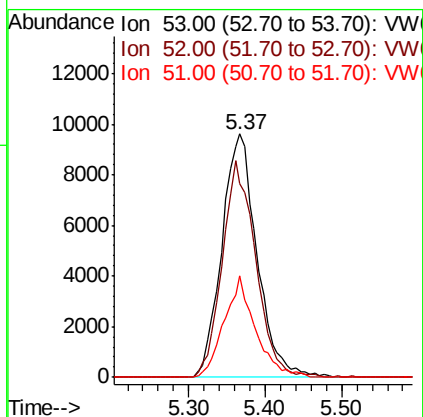
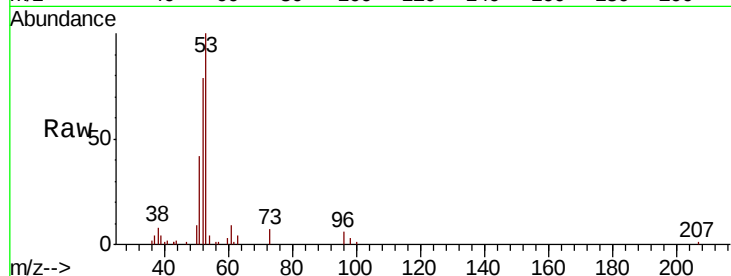
Tot Ion: 53 Resp: 30560

Ion Ratio Lower Upper

53 100

52 84.6 65.7 98.5

51 37.0 29.2 43.8



#16

Acetone

Concen: 80.082 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004317.D

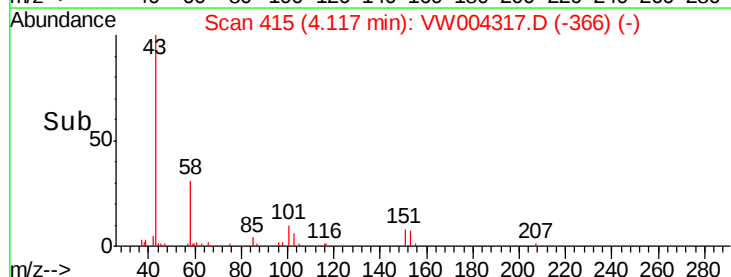
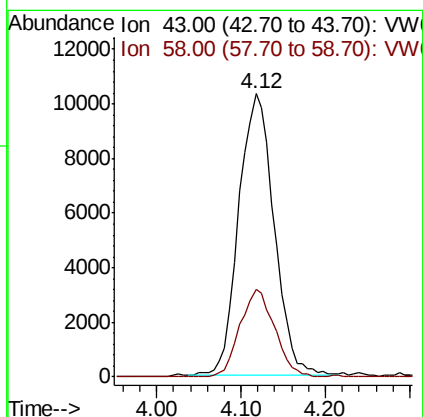
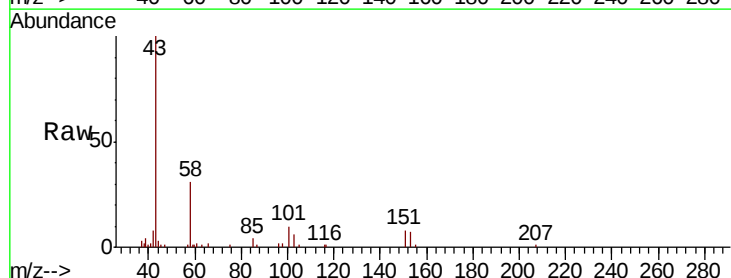
Acq: 29 Jul 2018 16:56

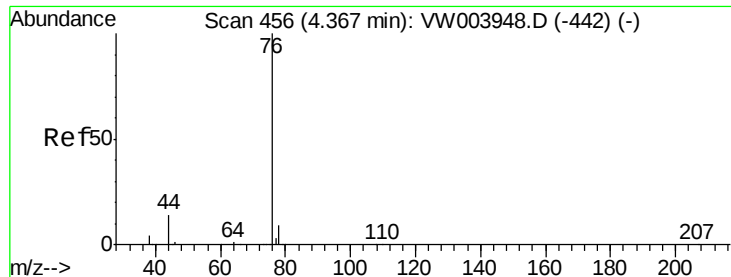
Tgt Ion: 43 Resp: 29286

Ion Ratio Lower Upper

43 100

58 31.1 24.8 37.2

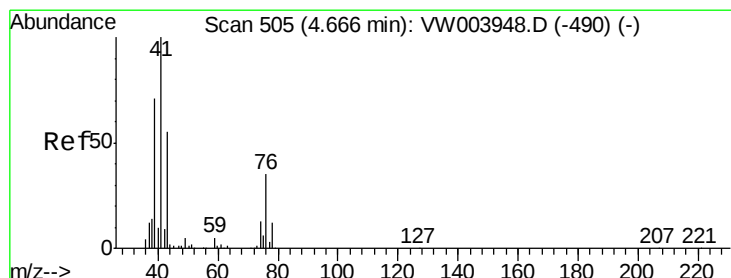
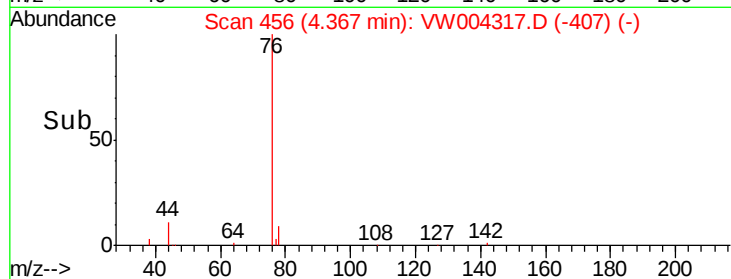
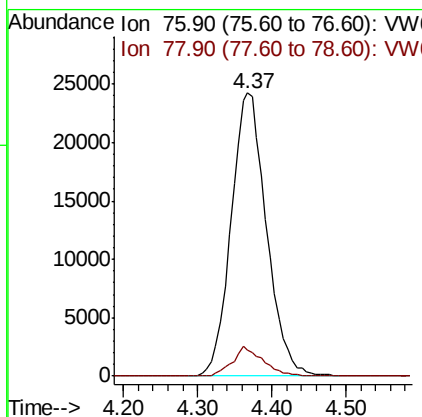
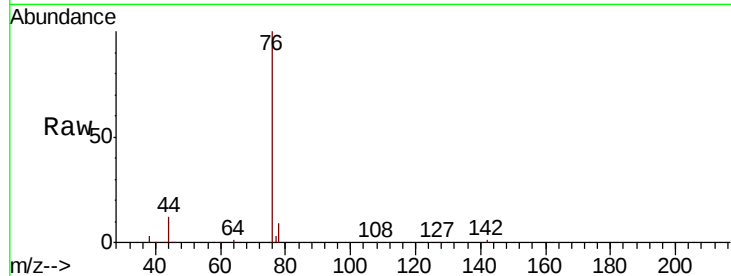




#17
Carbon Disulfide
Concen: 16.605 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

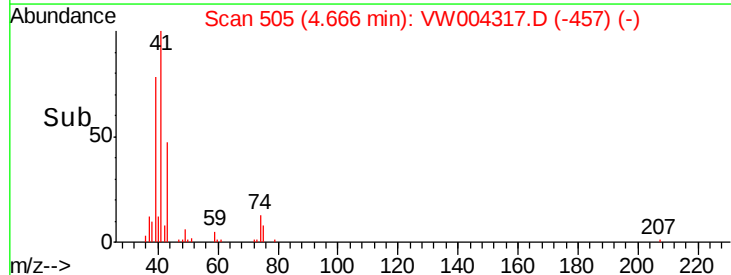
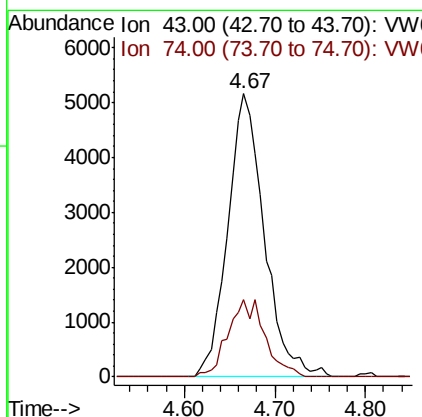
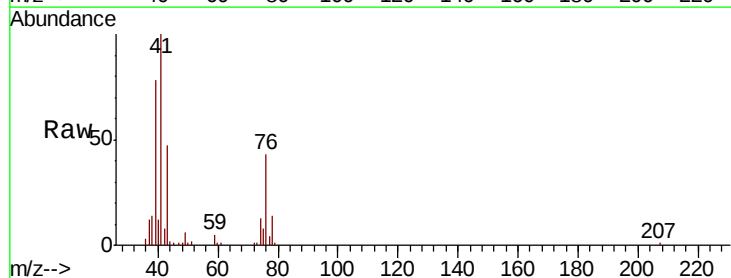
Instrument :
MSVOA_W
ClientSampled :

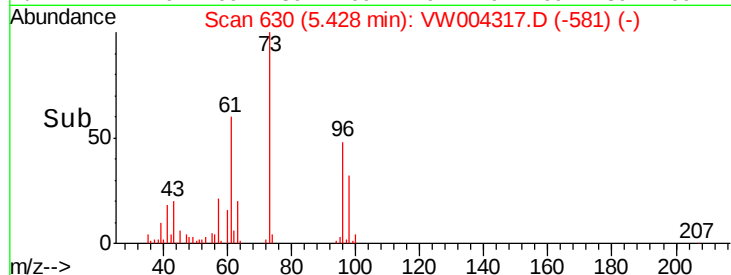
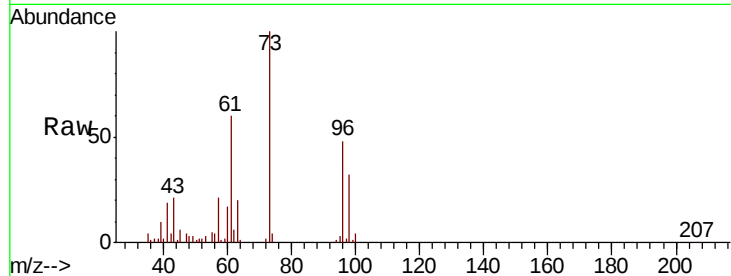
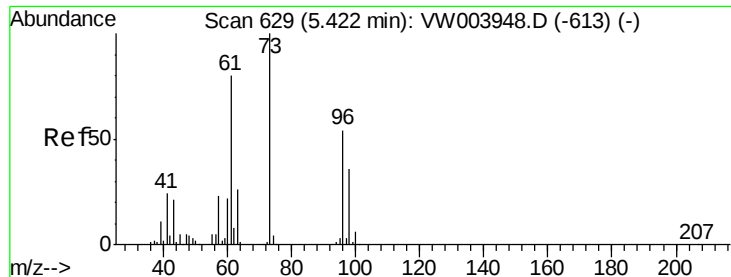
Tot Ion: 76 Resp: 80447
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 16.317 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

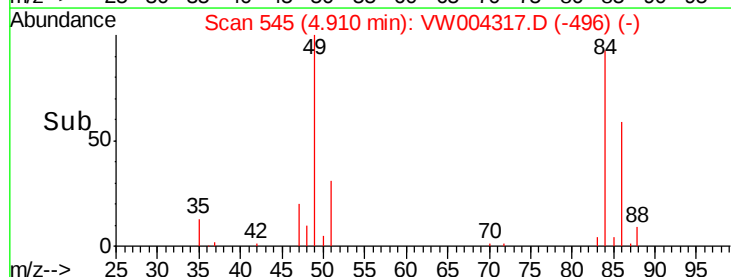
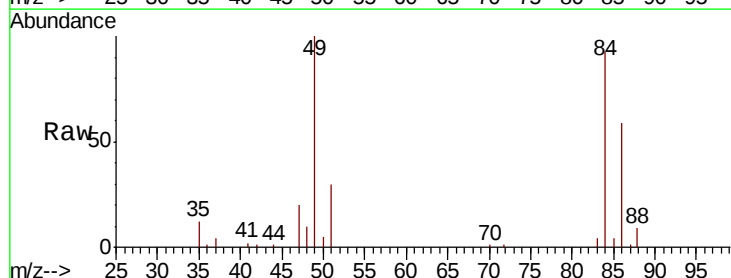
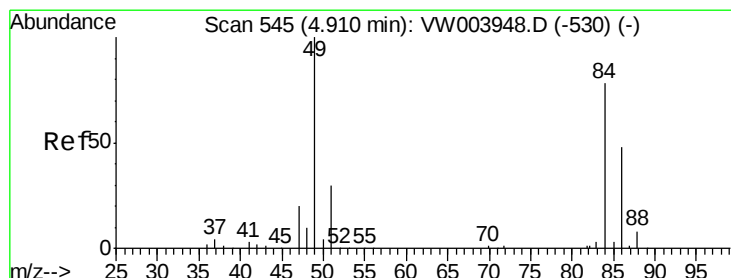
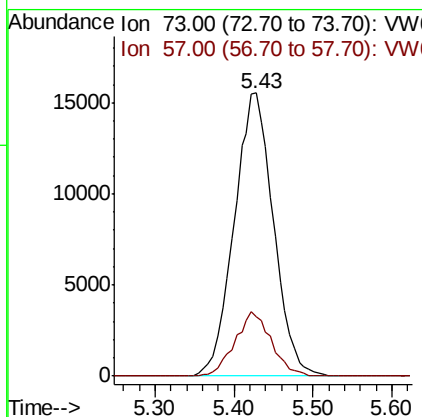
Tgt Ion: 43 Resp: 14431
Ion Ratio Lower Upper
43 100
74 27.6 17.8 26.6#





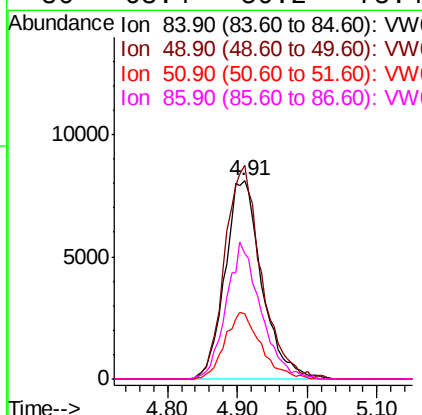
#19
Methvl tert-butvl Ether
Concen: 18.831 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

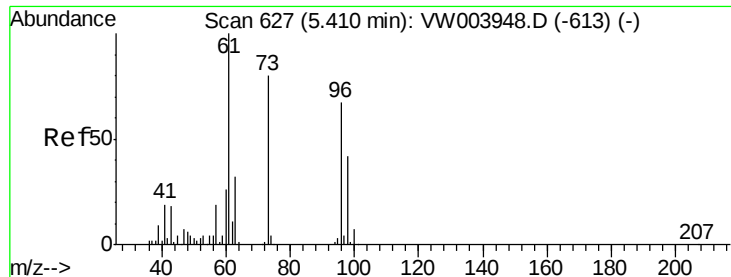
Tot Ion: 73 Resp: 53579
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6



#20
Methylene Chloride
Concen: 17.801 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 84 Resp: 29703
Ion Ratio Lower Upper
84 100
49 107.8 100.5 150.7
51 32.9 30.9 46.3
86 63.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 18.255 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

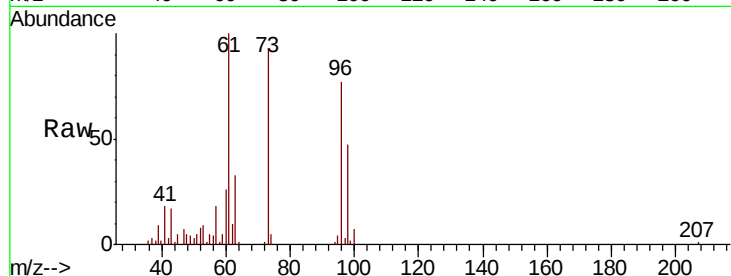
Tot Ion: 96 Resp: 30615

Ion Ratio Lower Upper

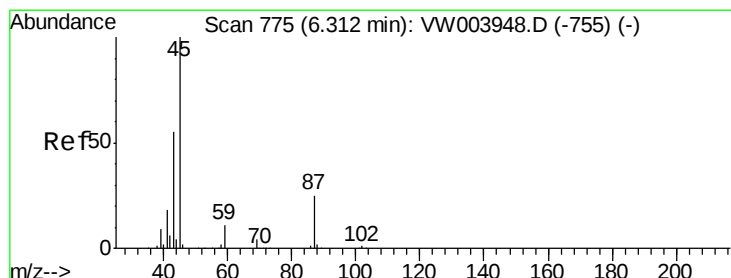
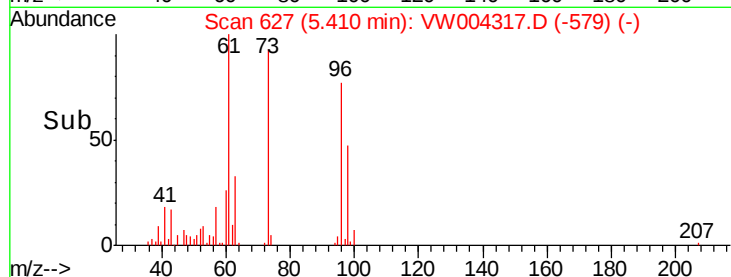
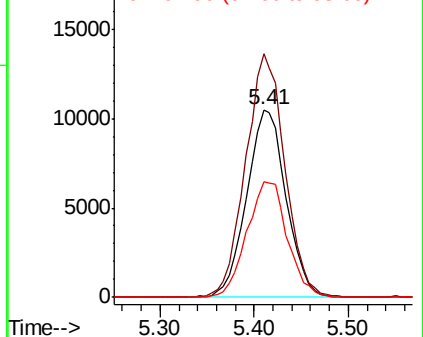
96 100

61 130.0 116.2 174.2

98 61.6 52.9 79.3



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



#22

Diisopropyl ether

Concen: 15.160 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Tgt Ion: 45 Resp: 75091

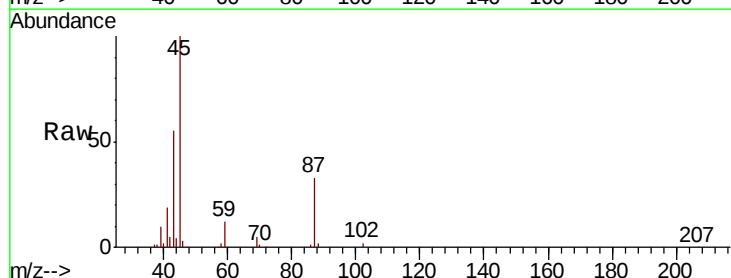
Ion Ratio Lower Upper

45 100

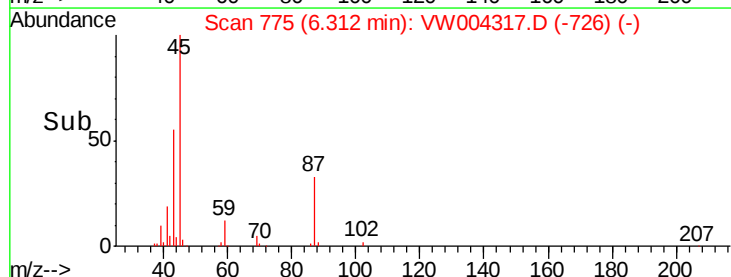
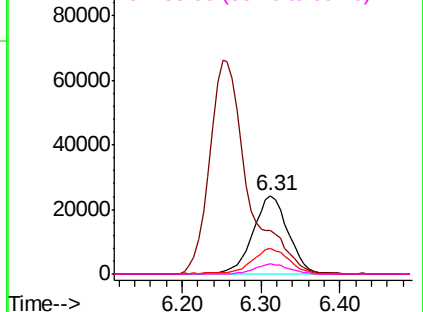
43 54.3 42.3 63.5

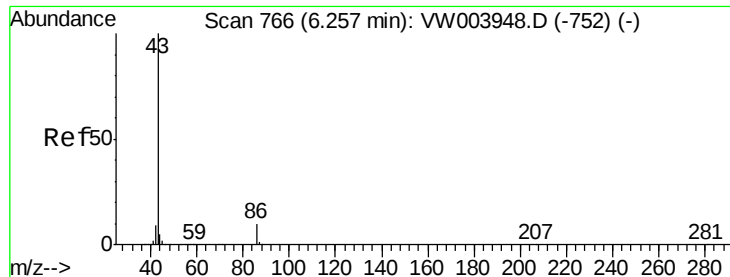
87 32.5 19.9 29.9#

59 12.5 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: 77.673 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

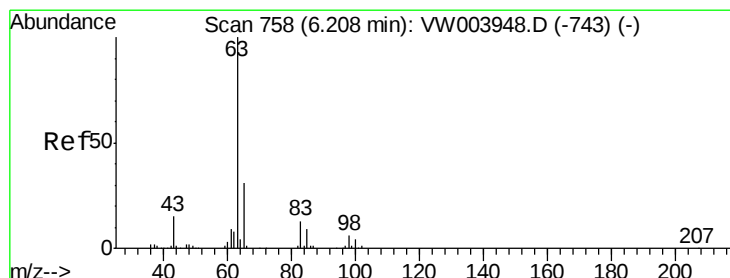
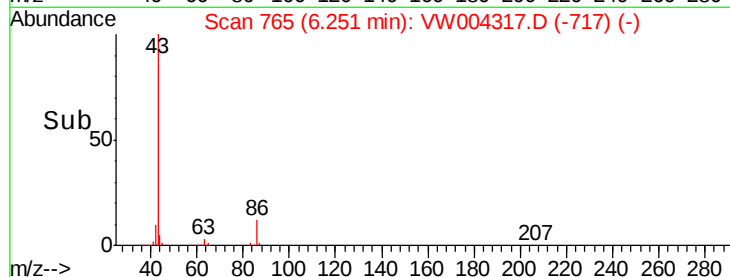
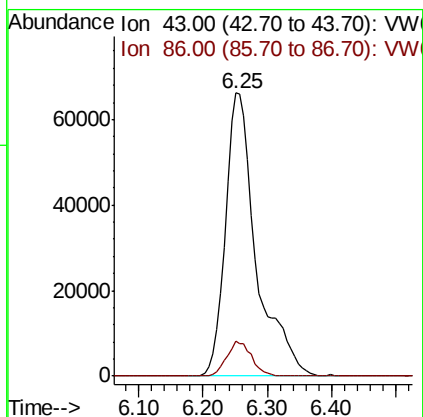
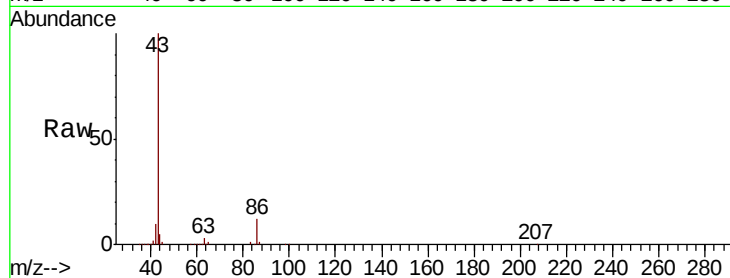
ClientSampleId :

Tot Ion: 43 Resp: 223203

Ion Ratio Lower Upper

43 100

86 12.5 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 16.390 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

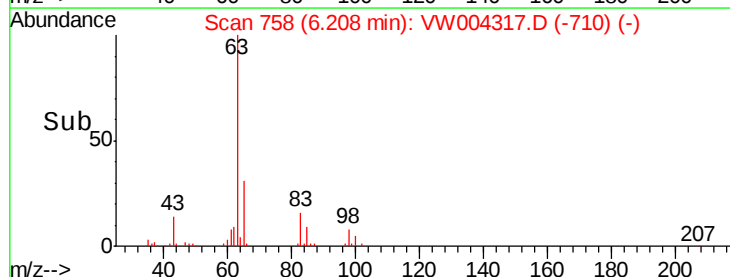
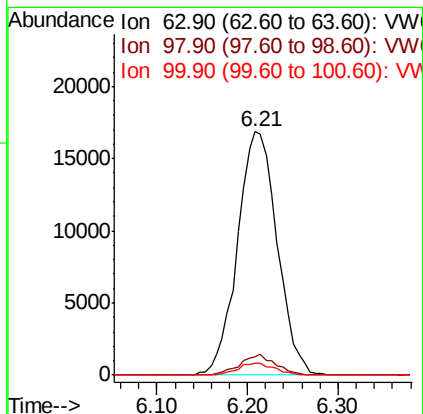
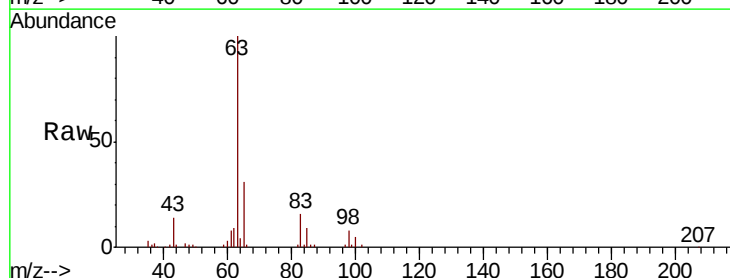
Tgt Ion: 63 Resp: 51153

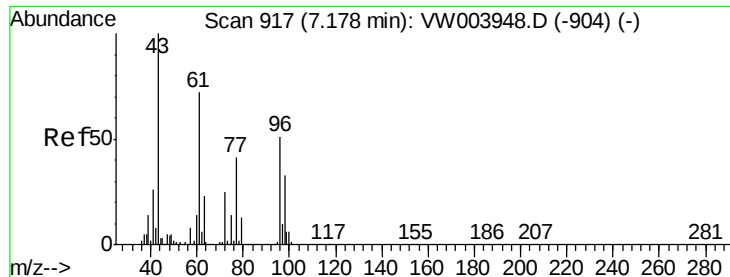
Ion Ratio Lower Upper

63 100

98 7.7 3.2 9.6

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 81.080 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

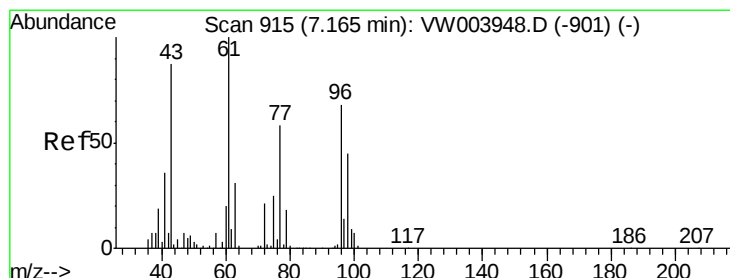
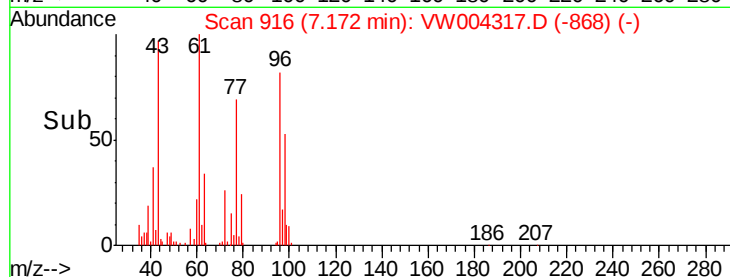
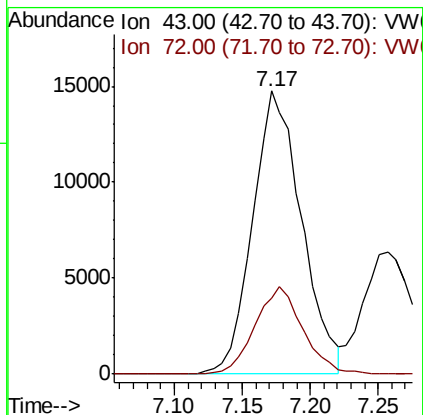
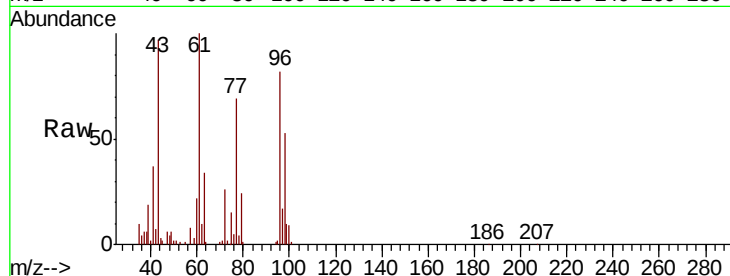
ClientSampled :

Tot Ion: 43 Resp: 37157

Ion Ratio Lower Upper

43 100

72 26.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 17.327 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004317.D

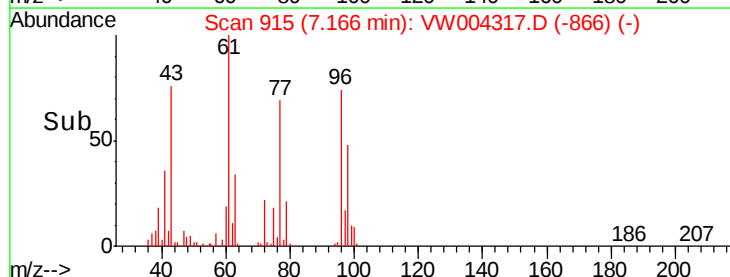
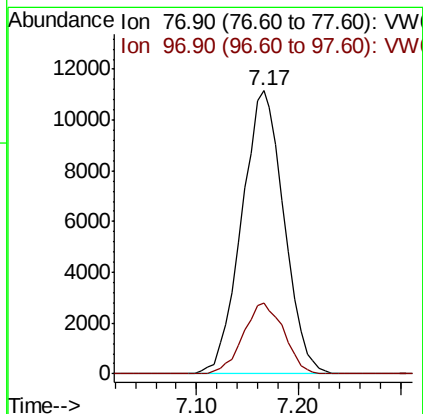
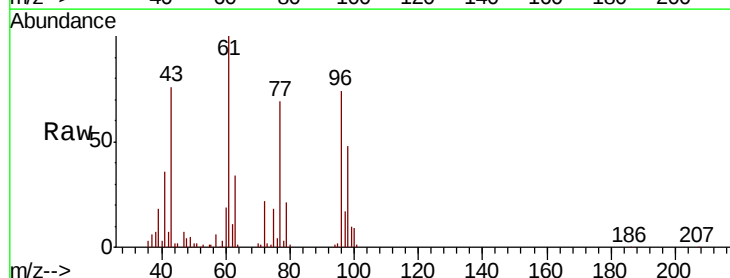
Acq: 29 Jul 2018 16:56

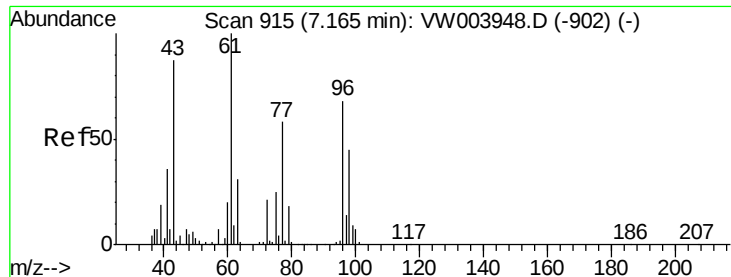
Tgt Ion: 77 Resp: 32067

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1



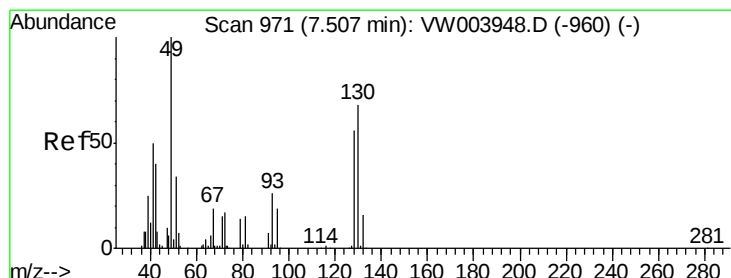
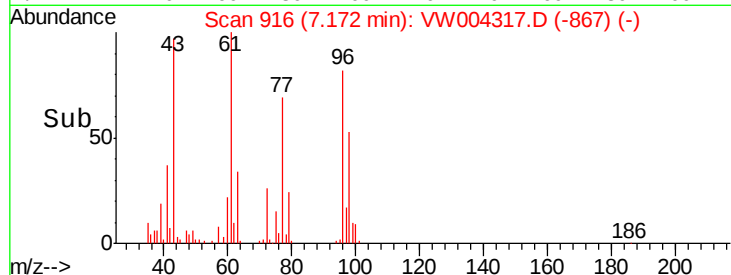
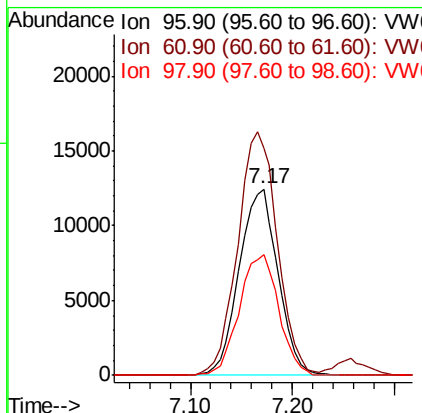
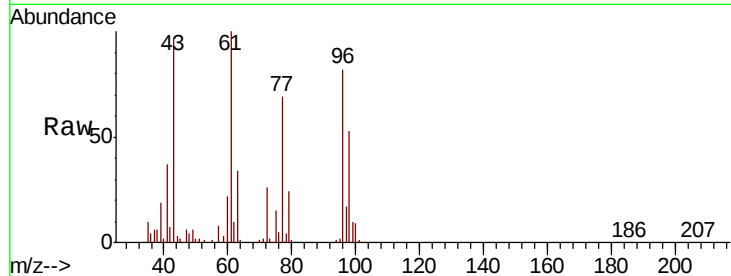


#27

cis-1,2-Dichloroethene
Concen: 18.483 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampleId :

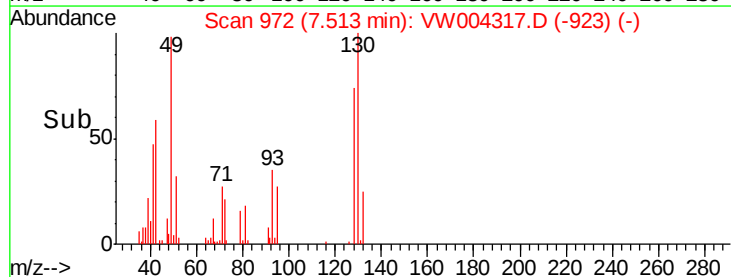
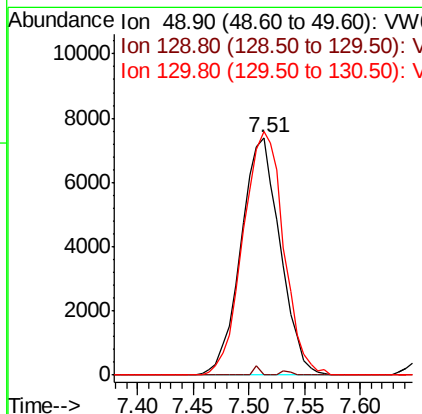
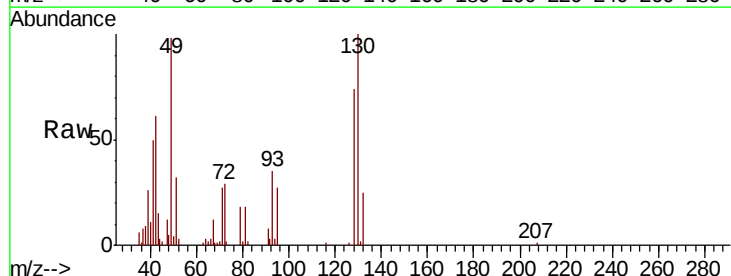
Tot Ion: 96 Resp: 32839
Ion Ratio Lower Upper
96 100
61 134.1 0.0 292.0
98 66.2 0.0 129.6

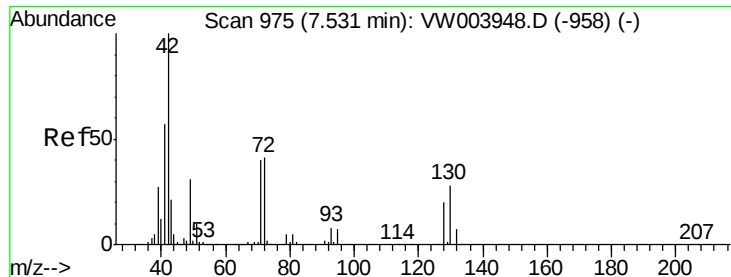


#28

Bromochloromethane
Concen: 16.182 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 49 Resp: 18091
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 106.4 61.5 92.3#

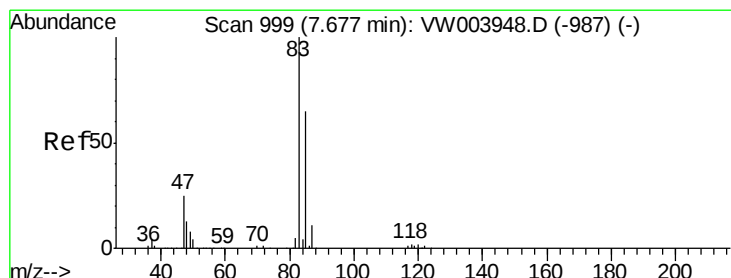
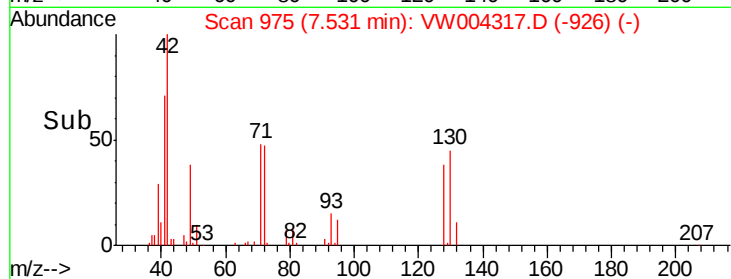
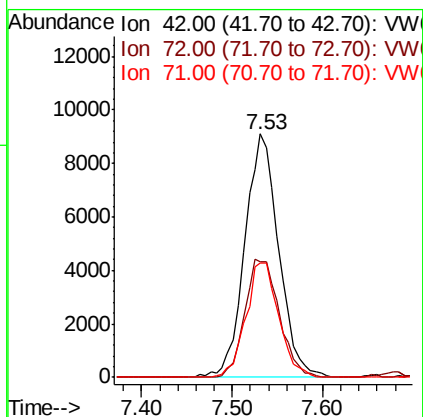
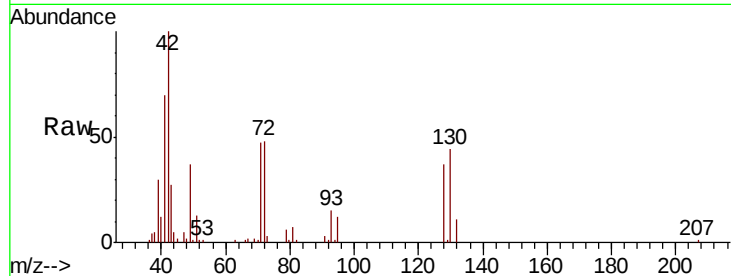




#29
Tetrahydrofuran
Concen: 76.160 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

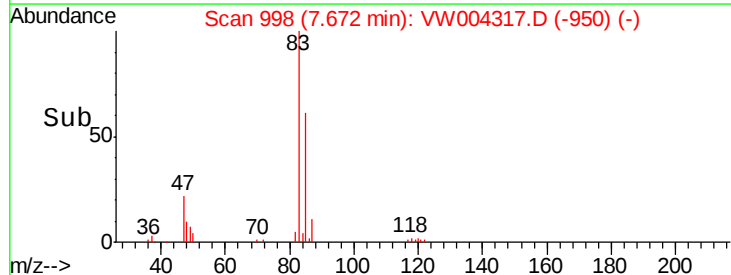
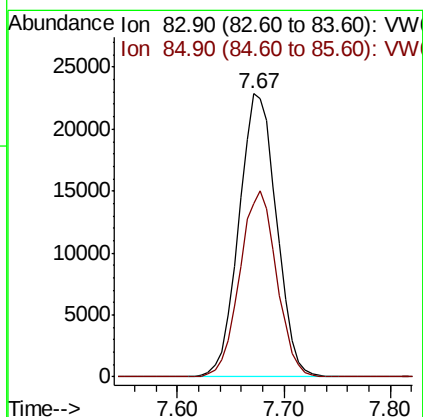
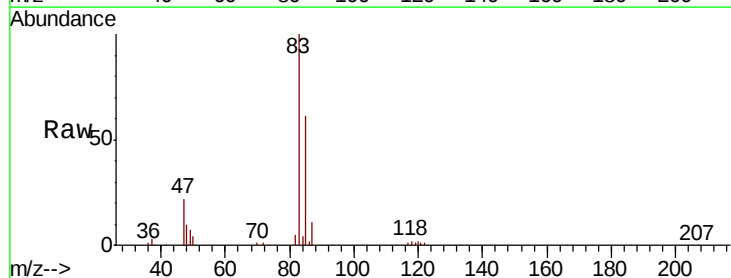
Instrument :
MSVOA_W
ClientSampled :

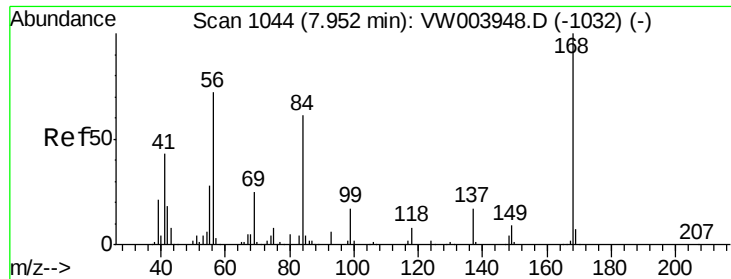
Tot Ion: 42 Resp: 23496
Ion Ratio Lower Upper
42 100
72 49.5 32.6 48.8#
71 45.9 31.3 46.9



#30
Chloroform
Concen: 18.539 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 83 Resp: 56487
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3

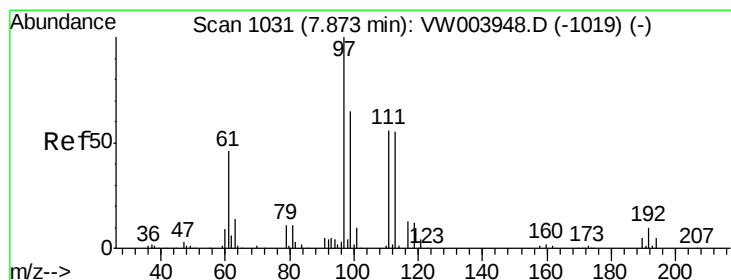
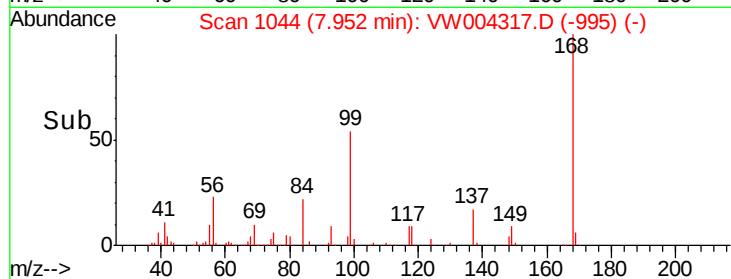
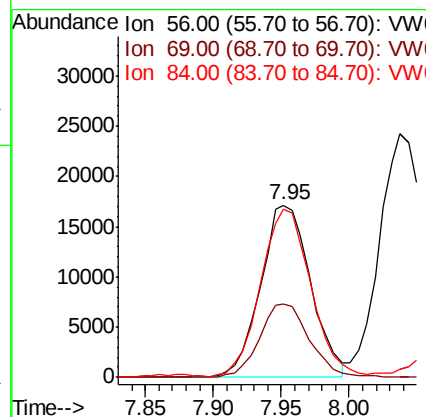
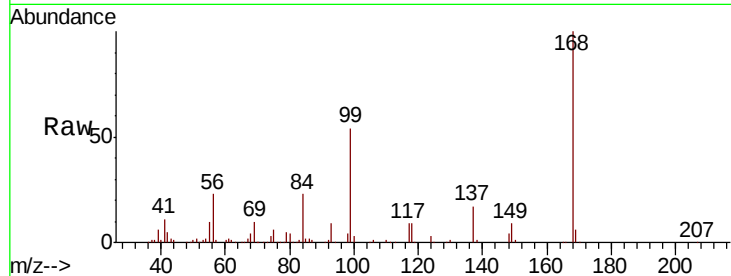




#31
Cyclohexane
Concen: 15.635 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

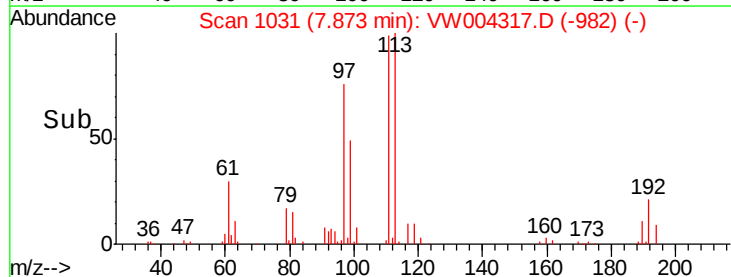
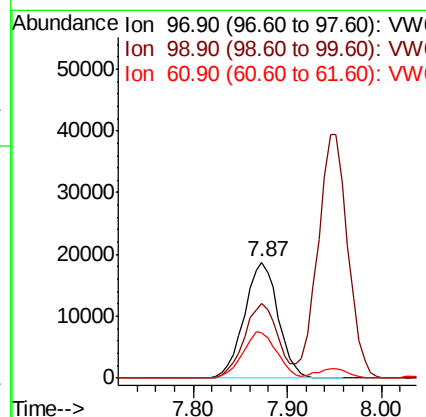
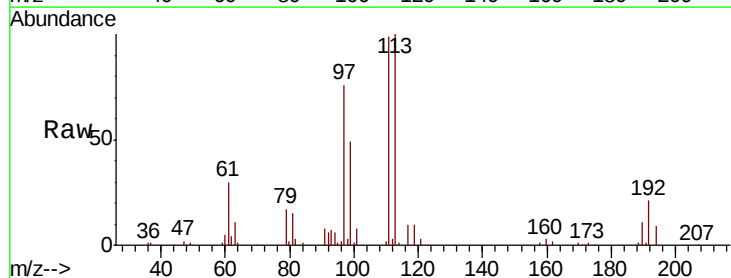
Instrument :
MSVOA_W
ClientSampleId :

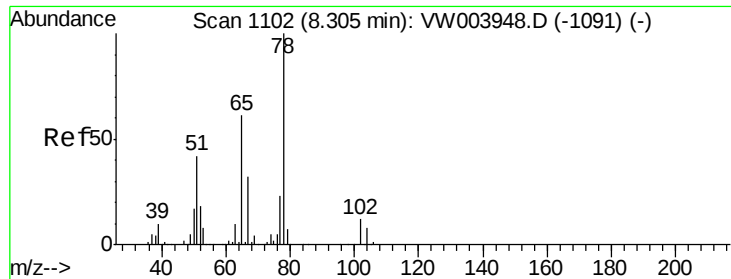
Tot Ion: 56 Resp: 44041
Ion Ratio Lower Upper
56 100
69 42.5 26.3 39.5#
84 96.3 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 18.816 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 97 Resp: 47085
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 40.2 34.8 52.2

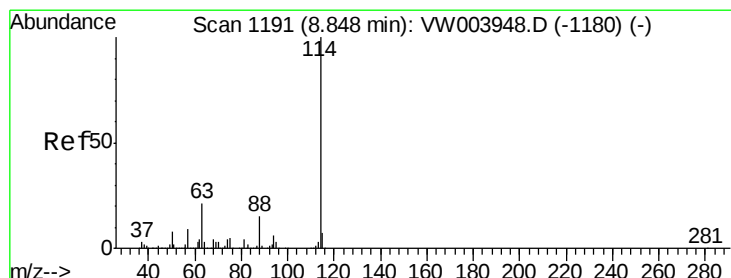
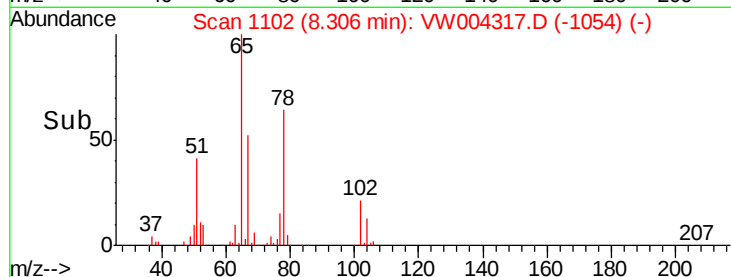
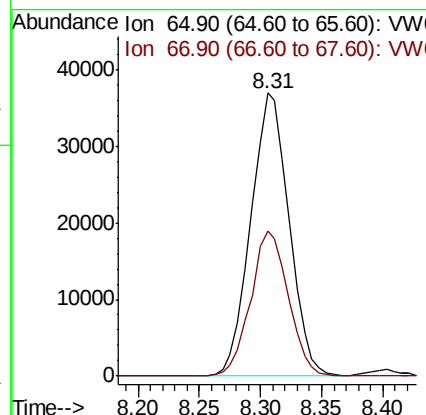
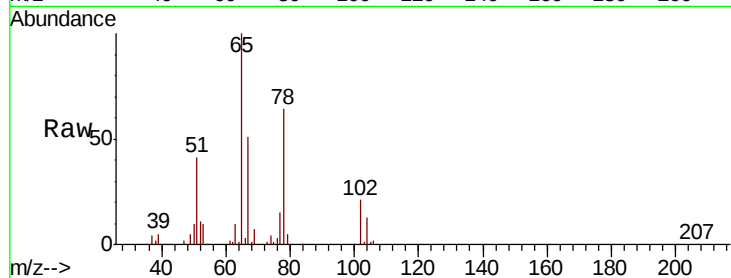




#33
 1,2-Dichloroethane-d4
 Concen: 48.625 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

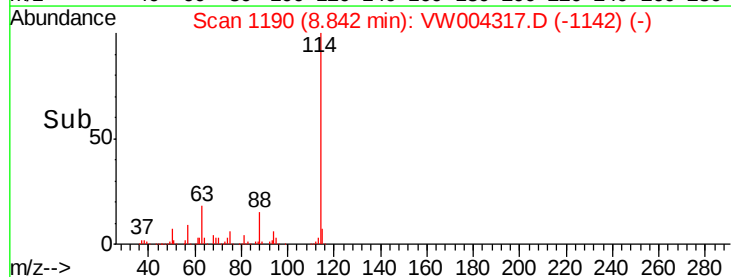
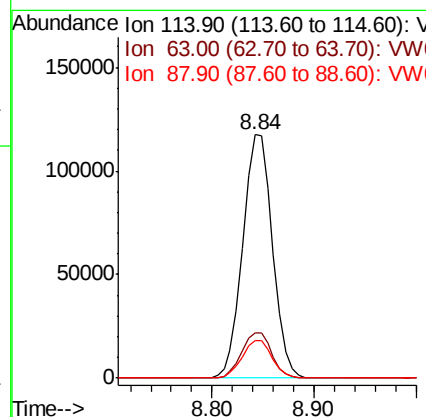
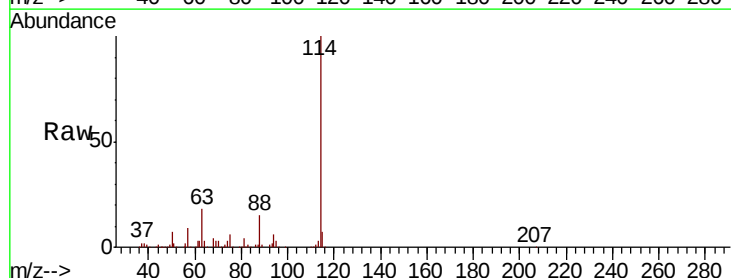
Instrument :
 MSVOA_W
 ClientSampleId :

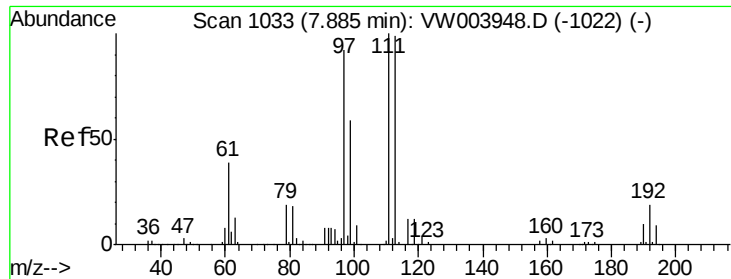
Tot Ion: 65 Resp: 80235
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 114 Resp: 237368
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.4
 88 15.4 0.0 30.6

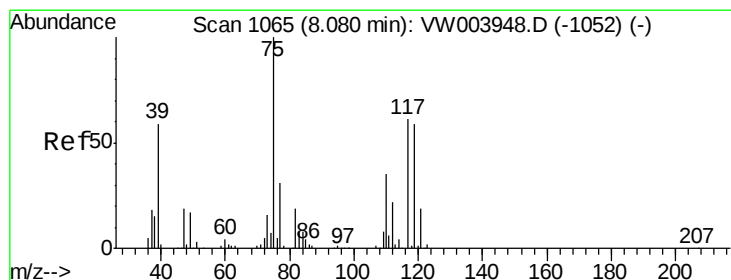
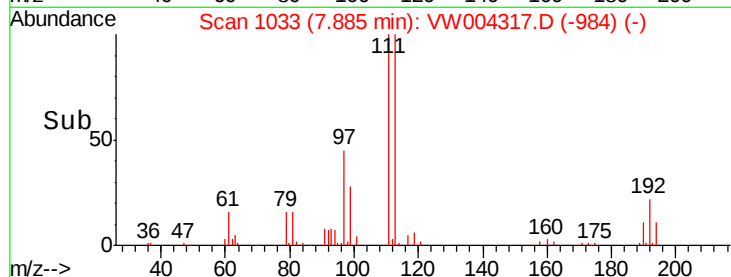
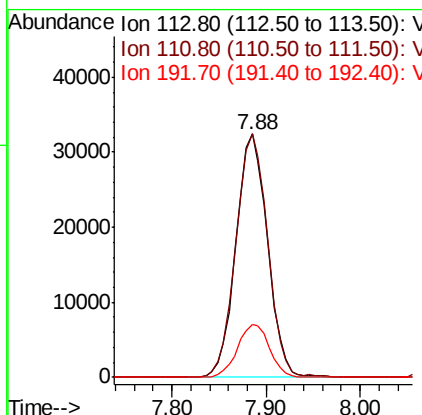
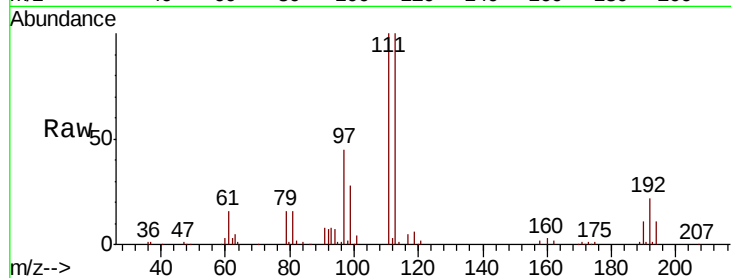




#35
 Dibromofluoromethane
 Concen: 50.535 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

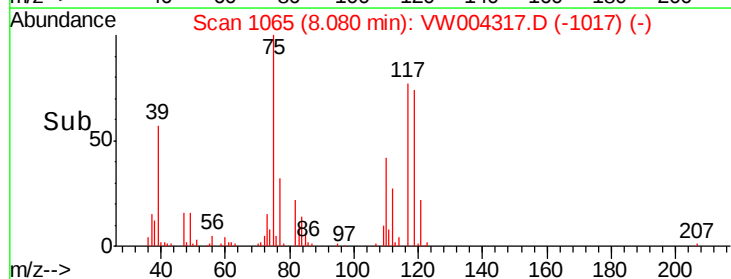
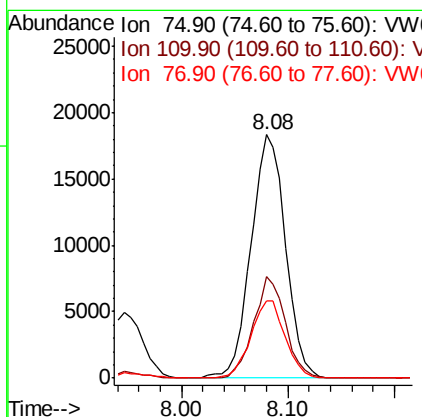
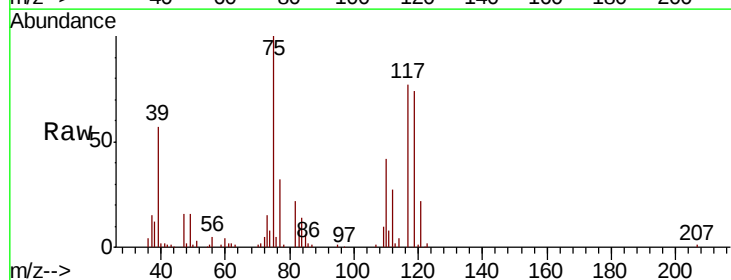
Instrument :
 MSVOA_W
 ClientSampleId :

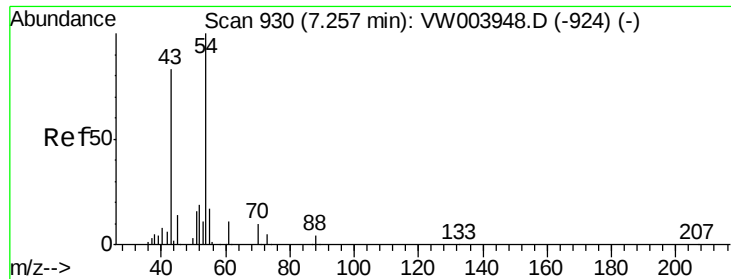
Tot Ion:113 Resp: 75806
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.1 123.1
 192 22.0 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 17.532 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 75 Resp: 41632
 Ion Ratio Lower Upper
 75 100
 110 38.2 17.3 52.0
 77 31.6 25.0 37.6

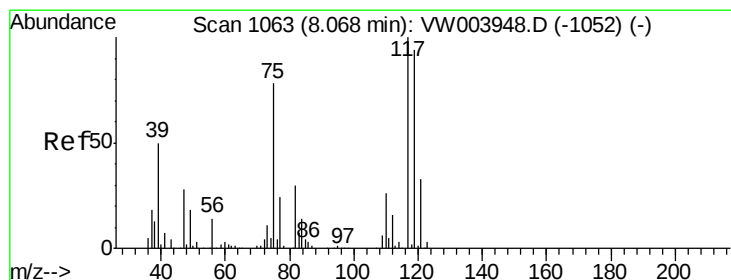
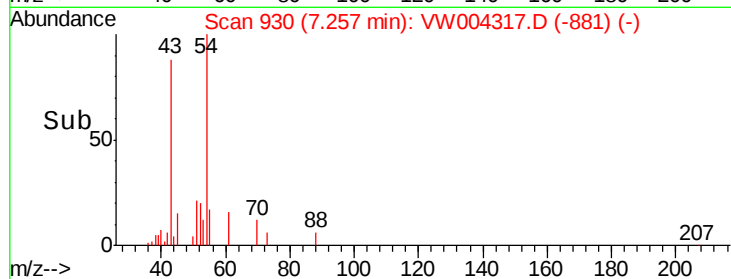
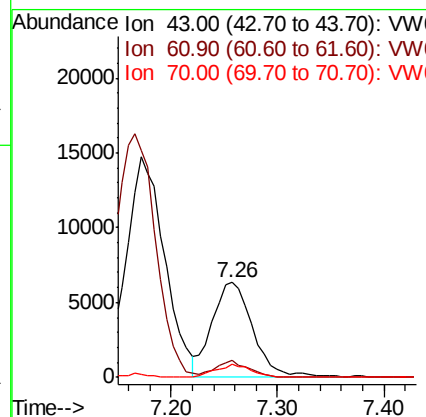
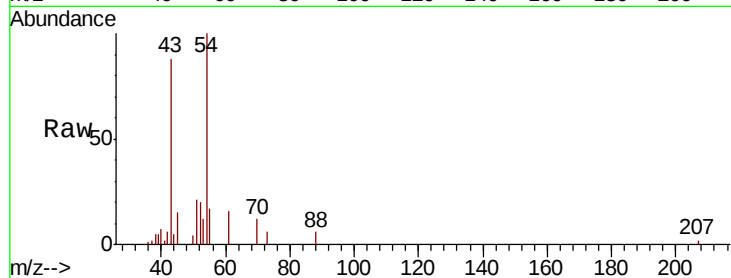




#37
Ethyl Acetate
Concen: 17.401 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

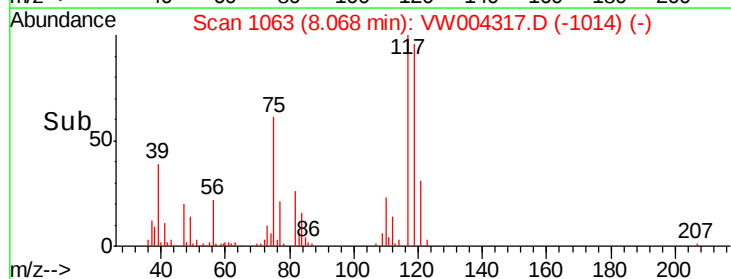
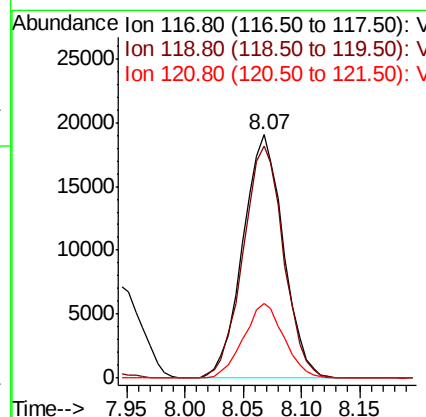
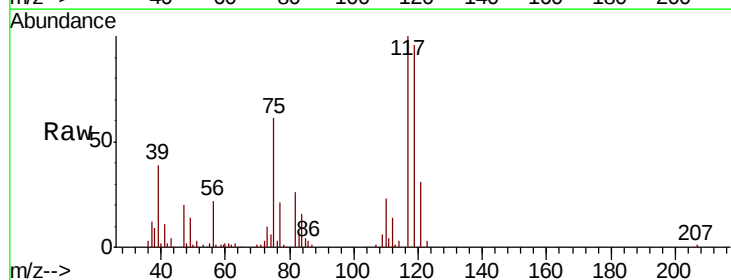
Instrument :
MSVOA_W
ClientSampleId :

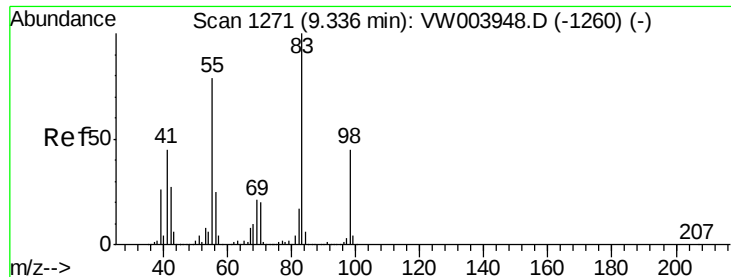
Tot Ion: 43 Resp: 16932
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.7 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 19.635 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 117 Resp: 46040
Ion Ratio Lower Upper
117 100
119 95.6 79.7 119.5
121 30.9 25.7 38.5

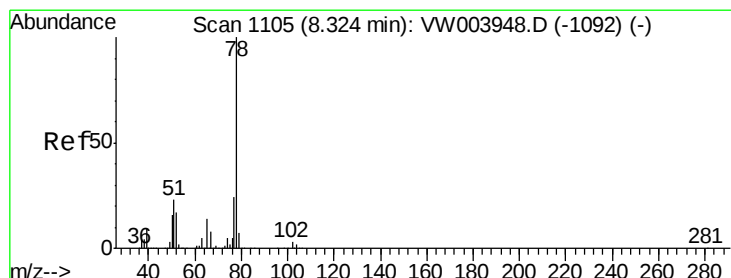
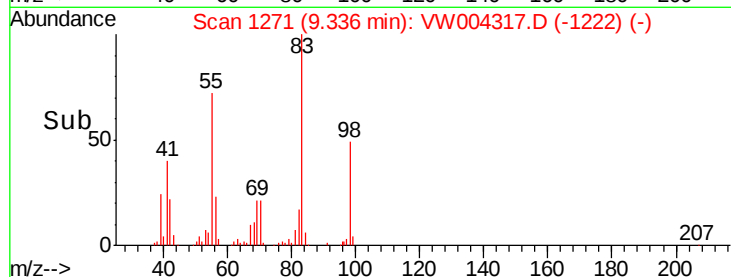
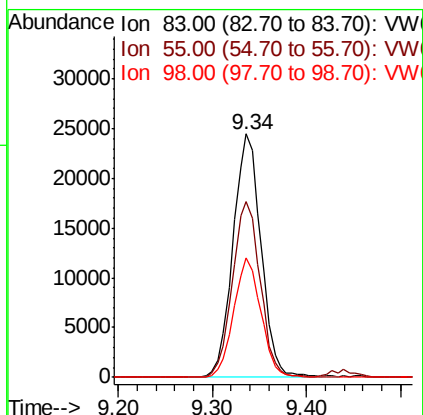
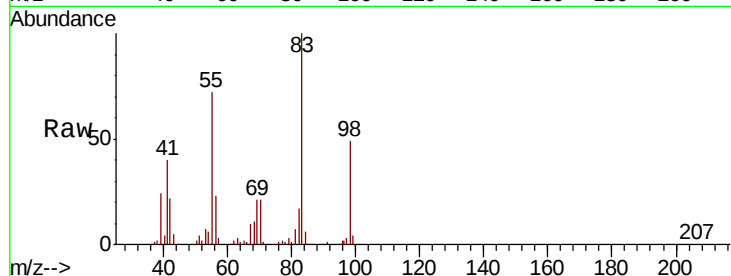




#39
Methvlcvclohexane
Concen: 17.623 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

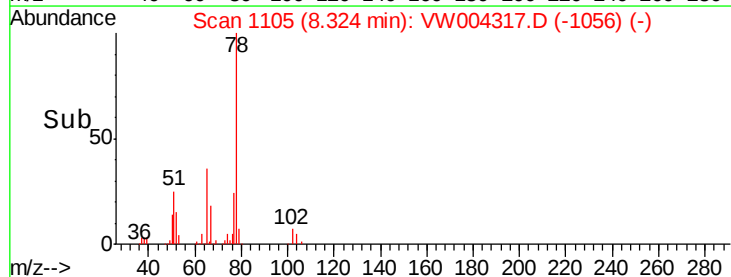
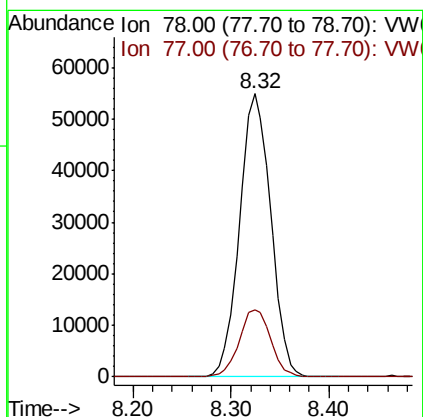
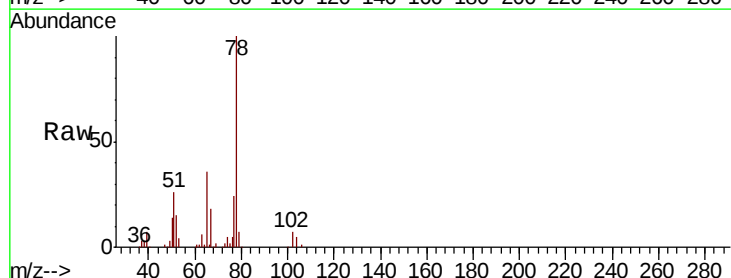
Instrument :
MSVOA_W
ClientSampleId :

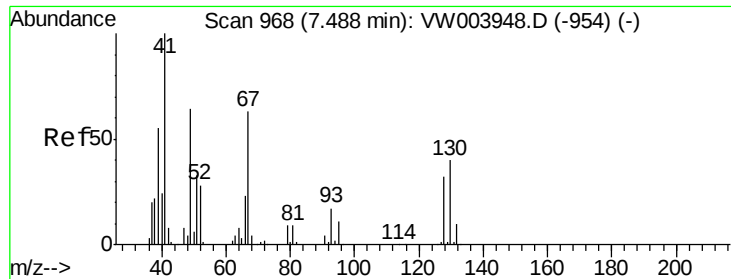
Tot Ion	83	Resp	50427
Ion Ratio	Lower	Upper	
83	100		
55	72.4	64.3	96.5
98	49.1	36.3	54.5



#40
Benzene
Concen: 18.184 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion	78	Resp	121472
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.4	29.0

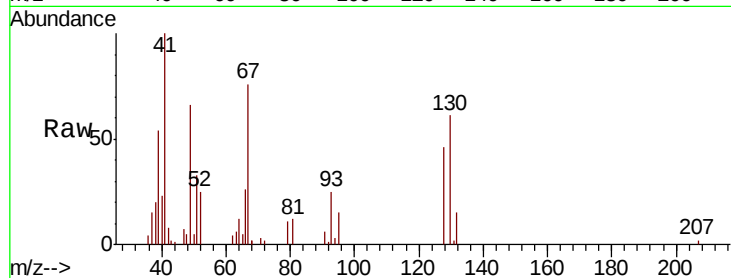




#41
Methacrylonitrile
Concen: 15.759 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	9098
Ion	Ratio	Lower	Upper
41	100		
39	60.4	41.2	61.8
67	87.0	53.4	80.0#
52	34.9	22.4	33.6#



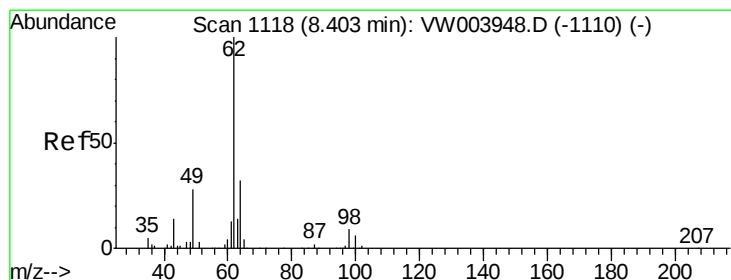
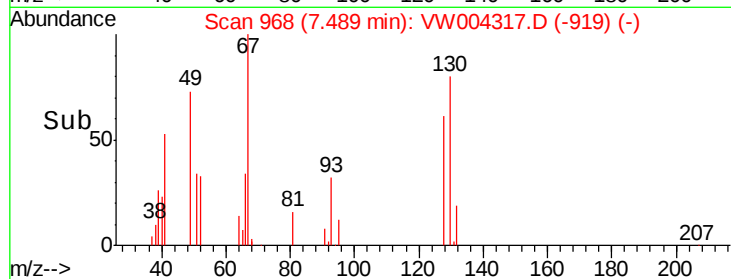
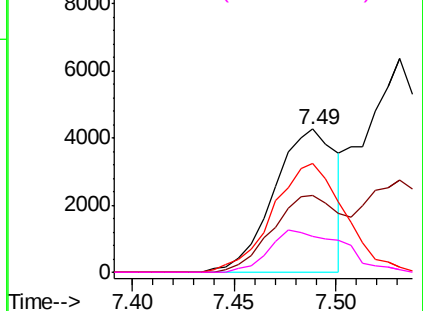
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

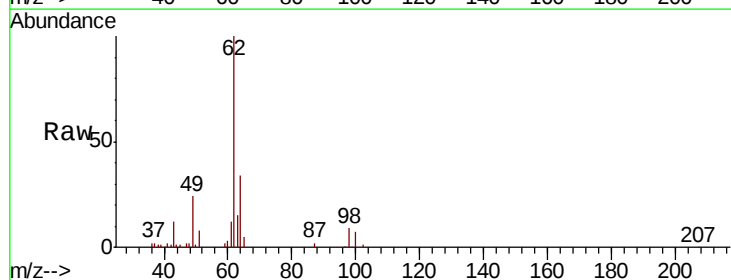
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 19.848 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

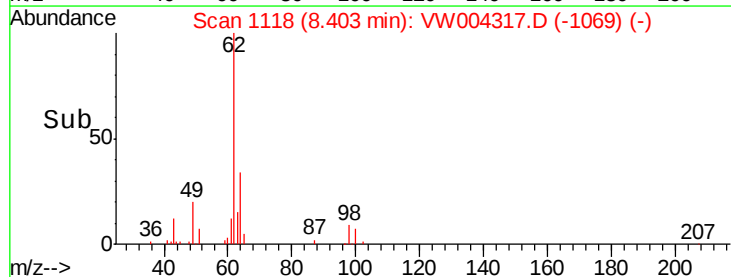
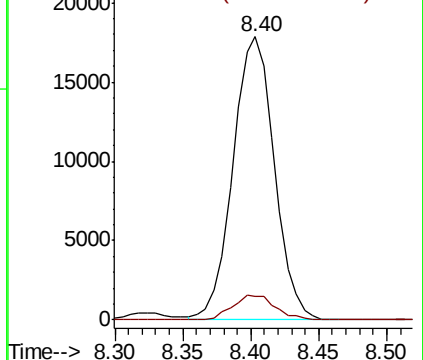
Tgt Ion:	62	Resp:	37906
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

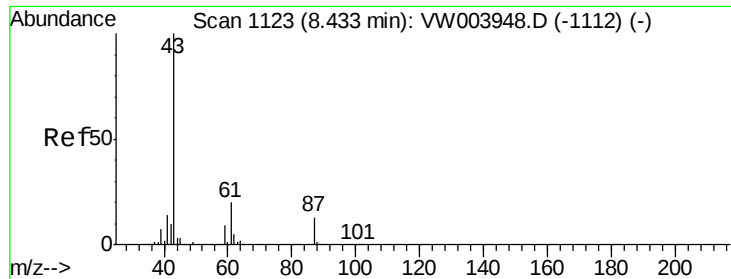


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.347 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

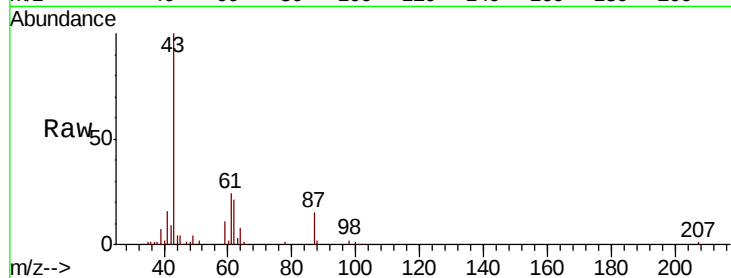
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 32177

Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.5	36.7
87	14.7	10.4	15.6

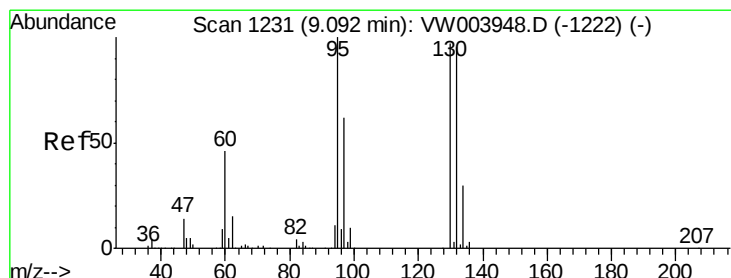
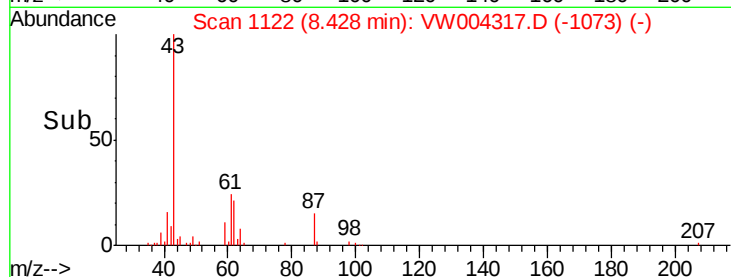
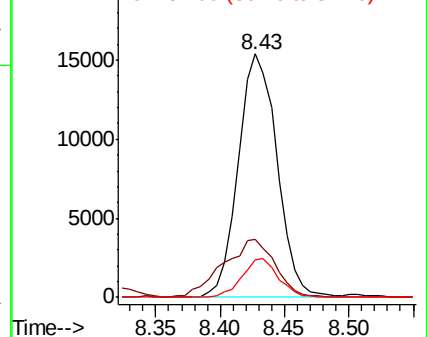


Abundance

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: 19.318 ug/l

RT: 9.09 min Scan# 1231

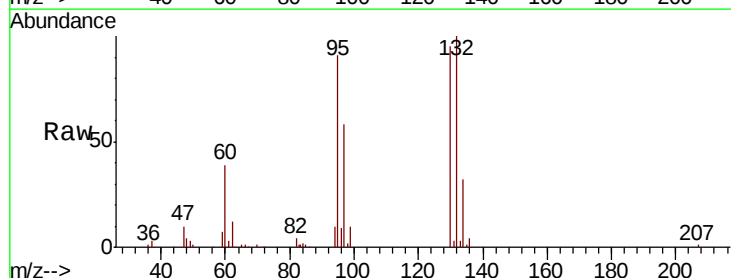
Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Tgt Ion: 130 Resp: 34839

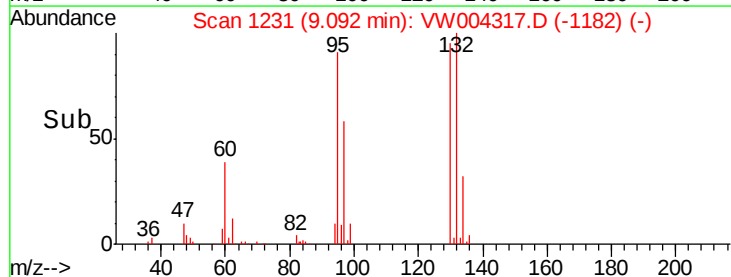
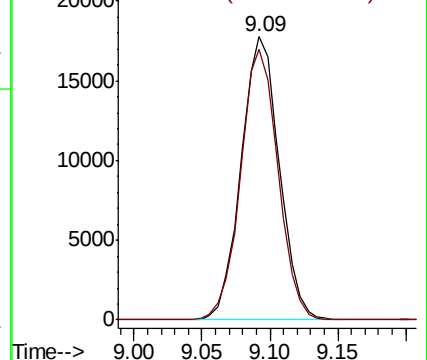
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	199.4

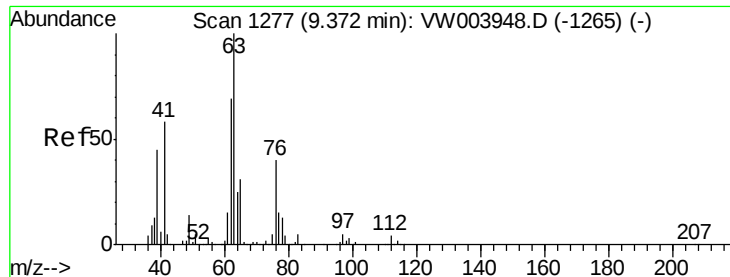


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

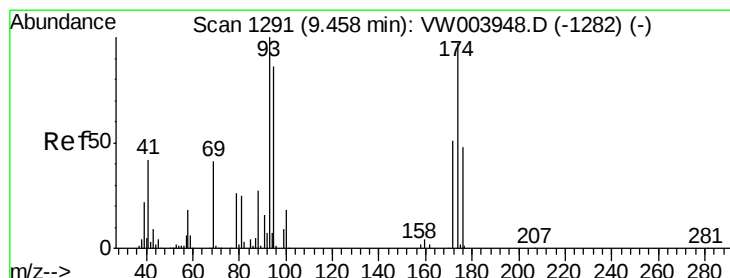
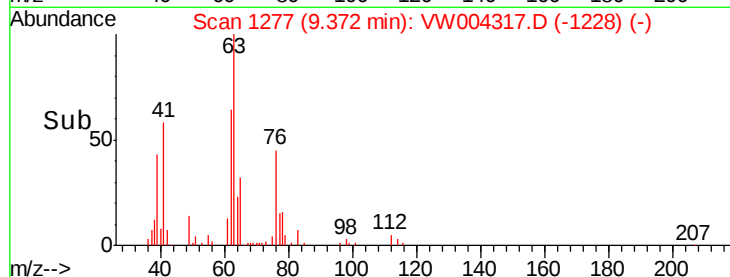
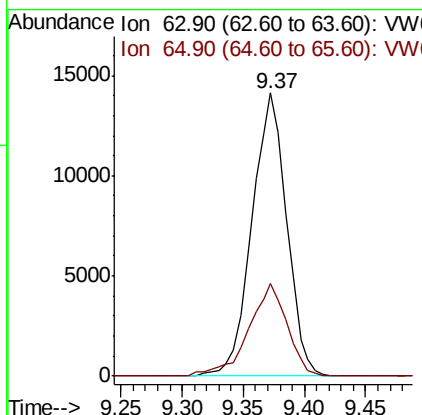
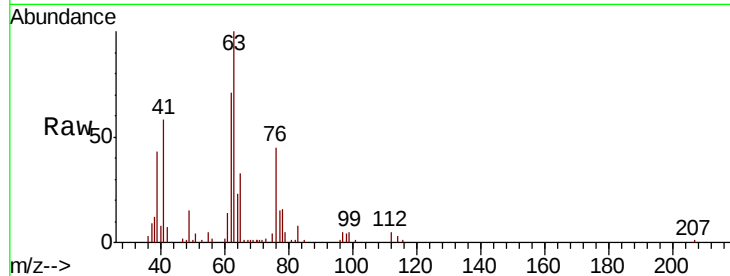




#45
 1,2-Dichloropropane
 Concen: 16.833 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

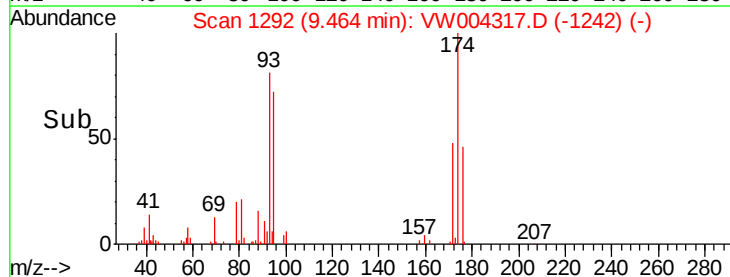
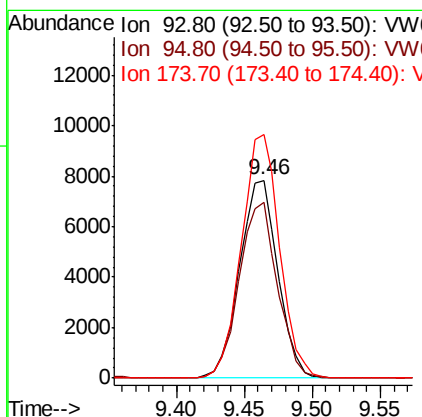
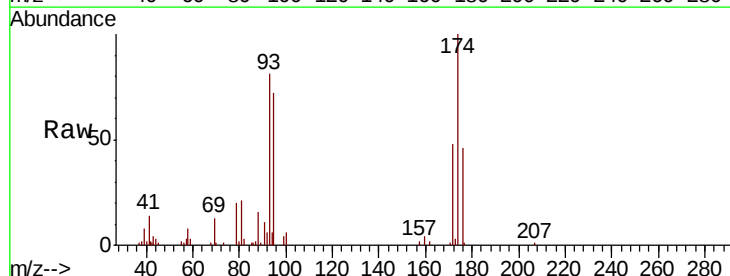
Instrument :
 MSVOA_W
 ClientSampleId :

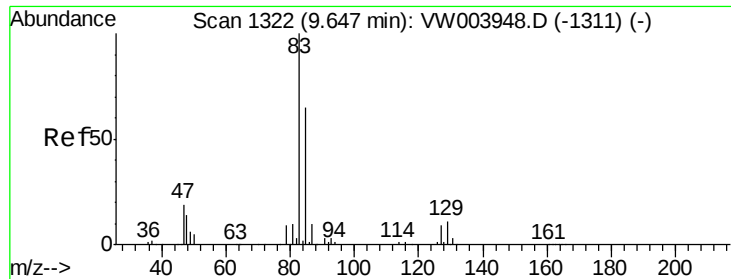
Tot Ion: 63 Resp: 27903
 Ion Ratio Lower Upper
 63 100
 65 32.6 23.9 35.9



#46
 Dibromomethane
 Concen: 18.203 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 93 Resp: 15408
 Ion Ratio Lower Upper
 93 100
 95 88.6 65.8 98.8
 174 123.2 83.7 125.5





#47

Bromodichloromethane

Concen: 19.014 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

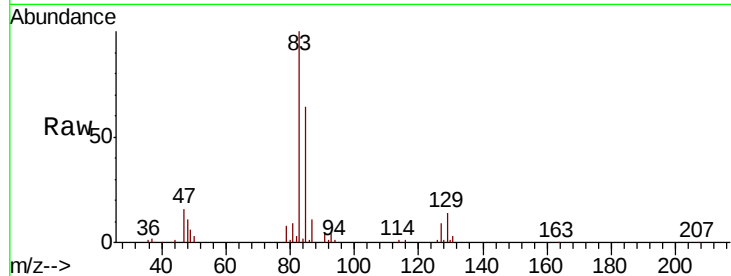
Tot Ion: 83 Resp: 40821

Ion Ratio Lower Upper

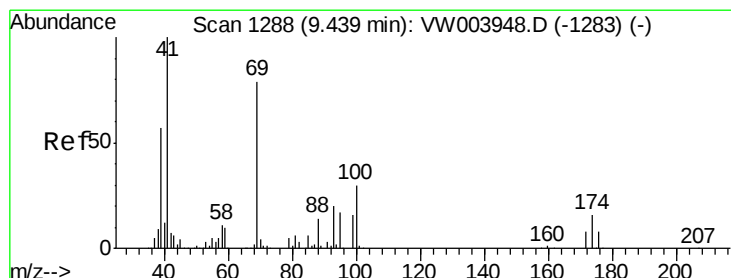
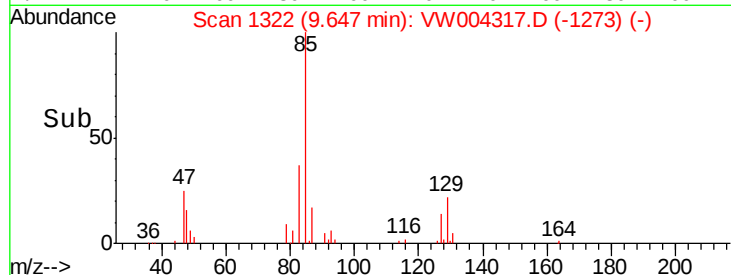
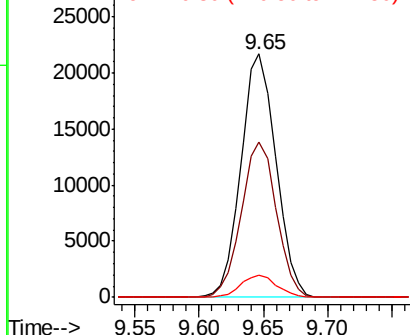
83 100

85 64.0 51.3 76.9

127 9.2 6.6 9.8



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



#48

Methyl methacrylate

Concen: 17.117 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

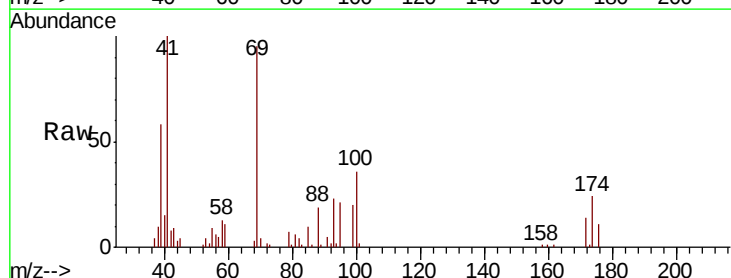
Tgt Ion: 41 Resp: 15289

Ion Ratio Lower Upper

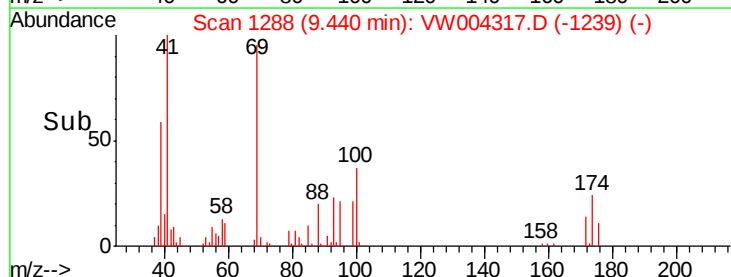
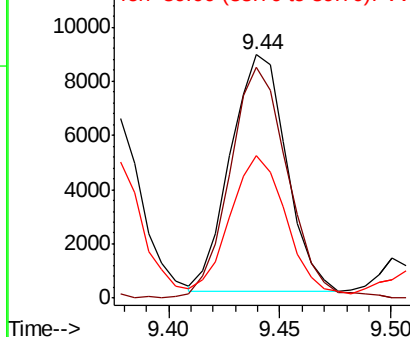
41 100

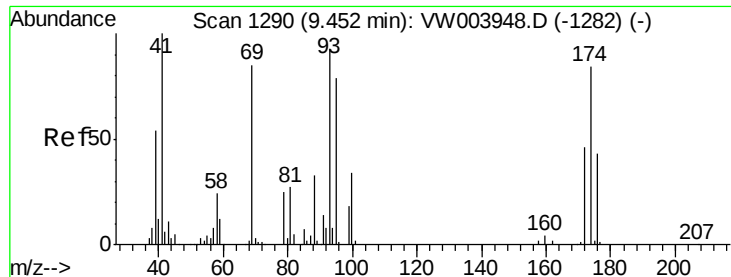
69 100.8 69.7 104.5

39 62.0 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: 391.372 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampleId :

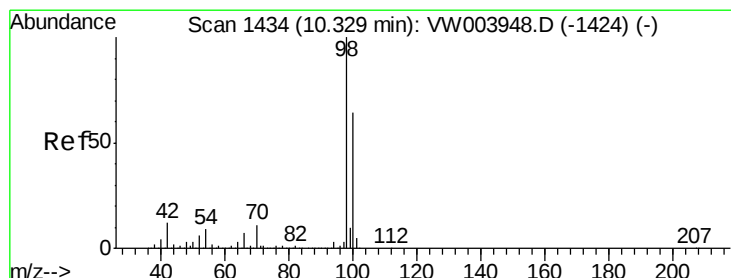
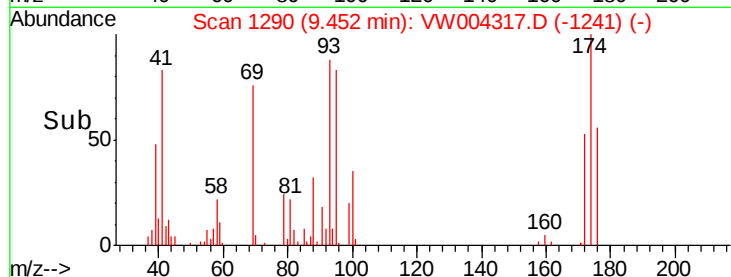
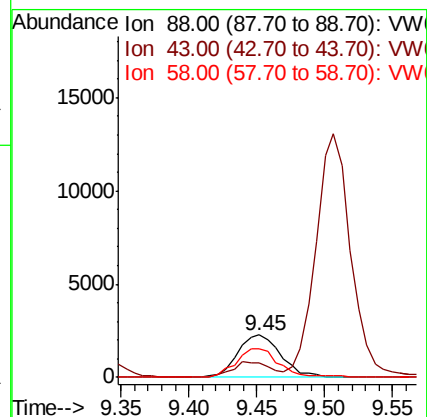
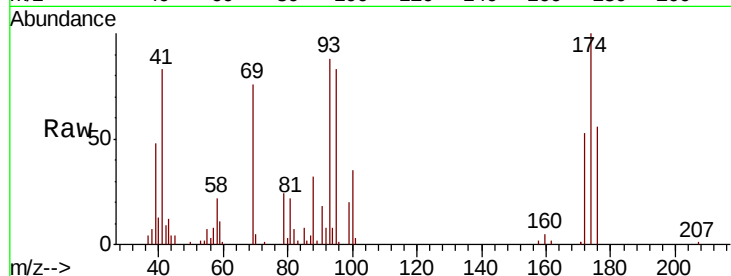
Tot Ion: 88 Resp: 5022

Ion Ratio Lower Upper

88 100

43 34.0 28.3 42.5

58 66.2 60.2 90.4



#50

Toluene-d8

Concen: 49.243 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004317.D

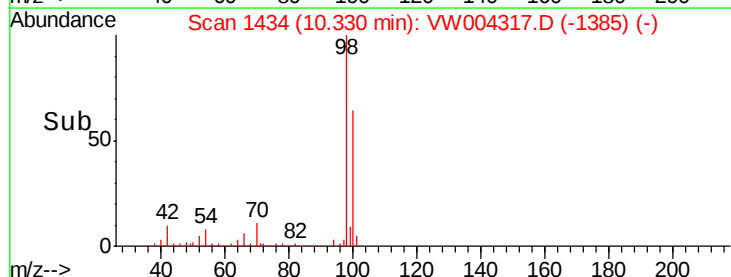
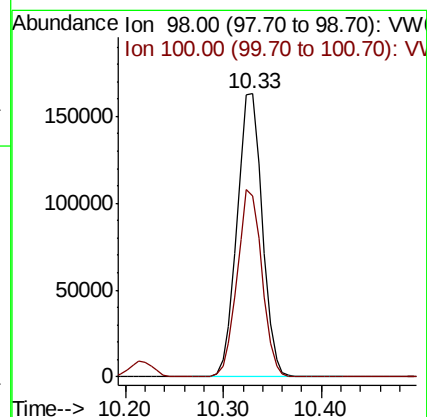
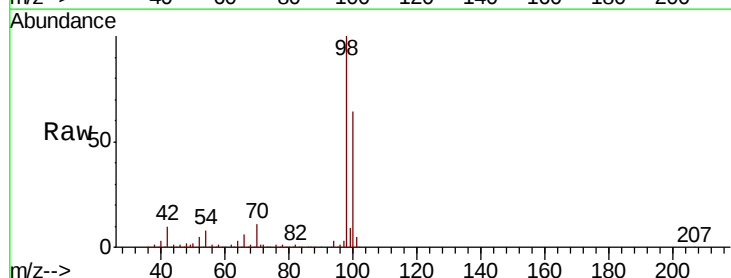
Acq: 29 Jul 2018 16:56

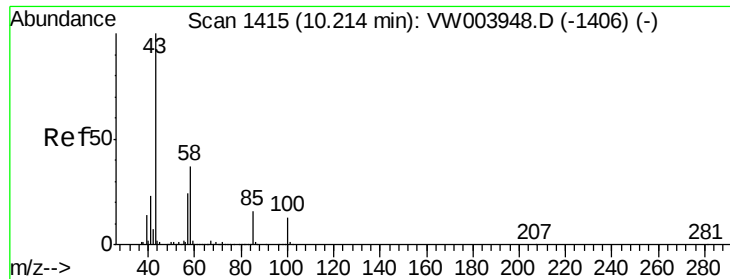
Tgt Ion: 98 Resp: 291932

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 86.345 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

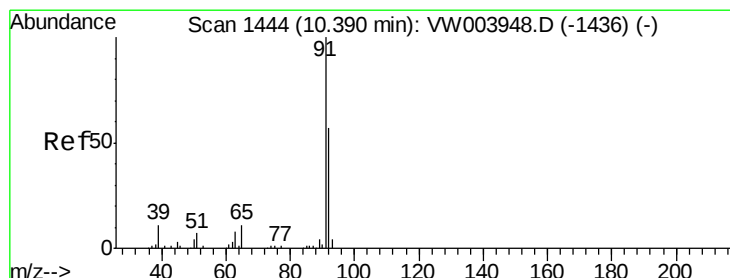
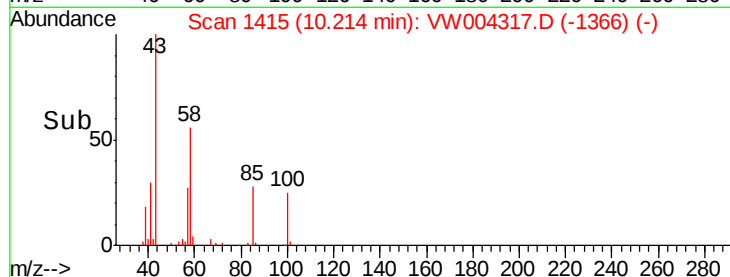
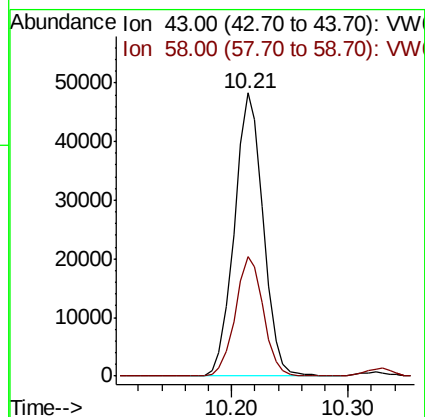
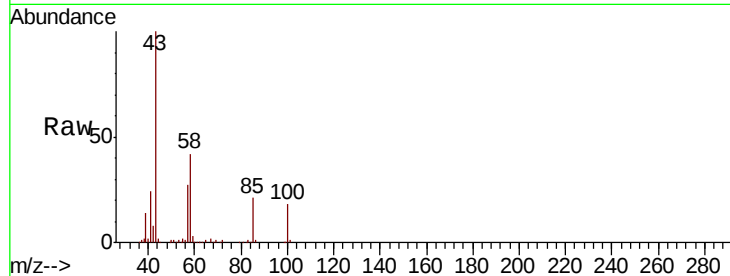
ClientSampled :

Tot Ion: 43 Resp: 83107

Ion Ratio Lower Upper

43 100

58 41.1 30.6 45.8



#52

Toluene

Concen: 18.974 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004317.D

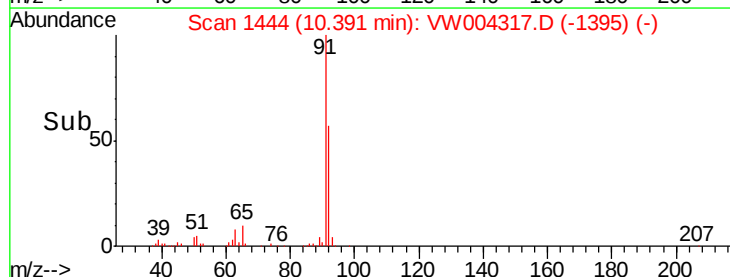
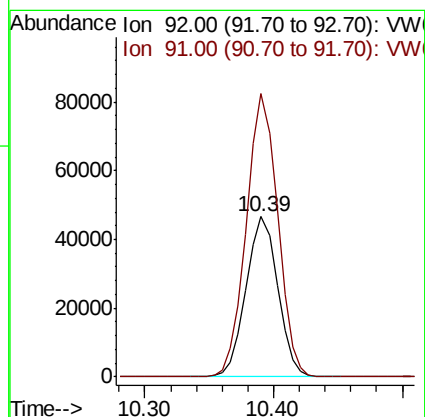
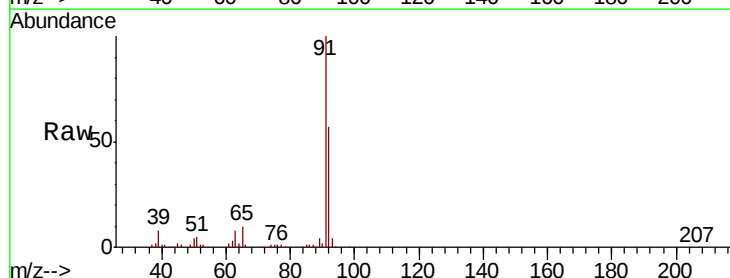
Acq: 29 Jul 2018 16:56

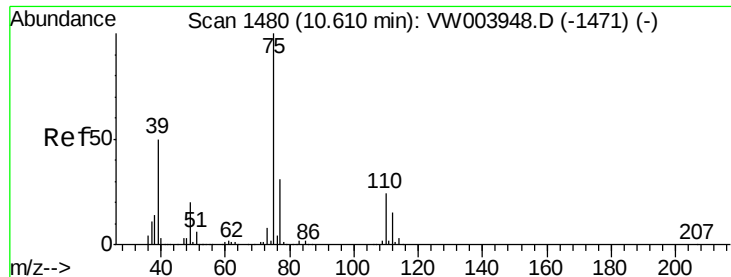
Tgt Ion: 92 Resp: 79581

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.654 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

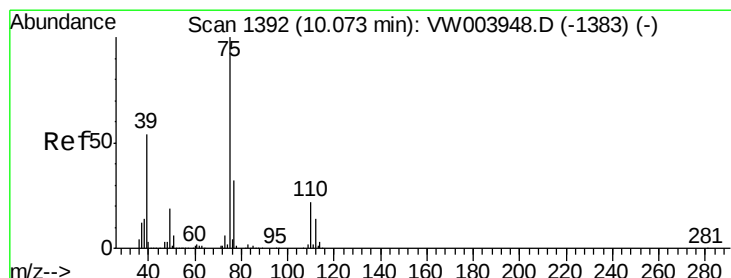
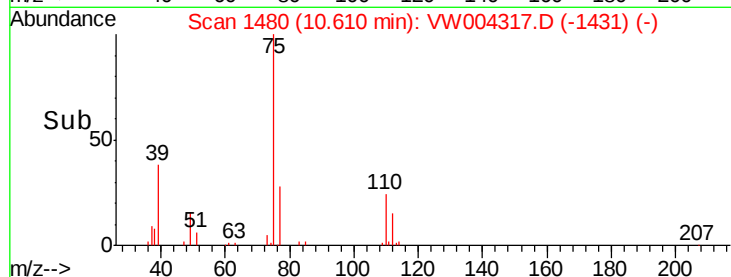
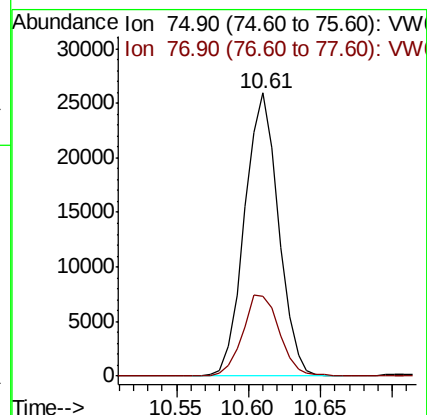
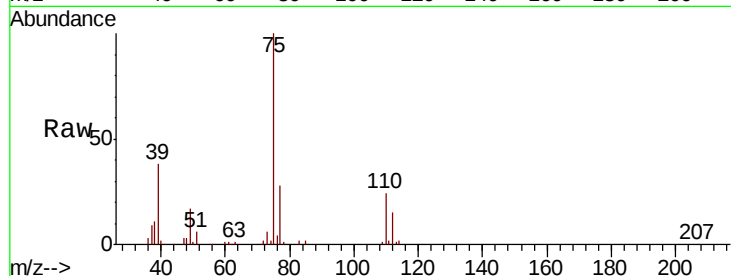
ClientSampled :

Tot Ion: 75 Resp: 42263

Ion Ratio Lower Upper

75 100

77 28.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.456 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

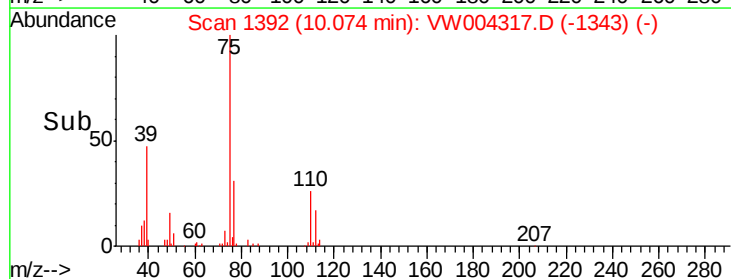
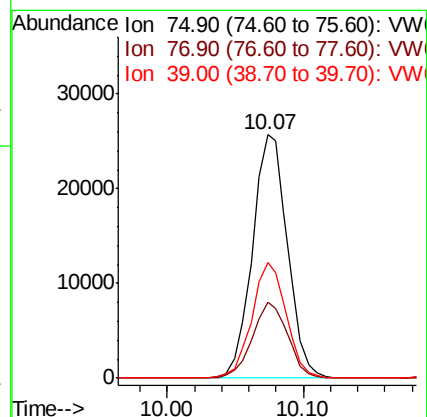
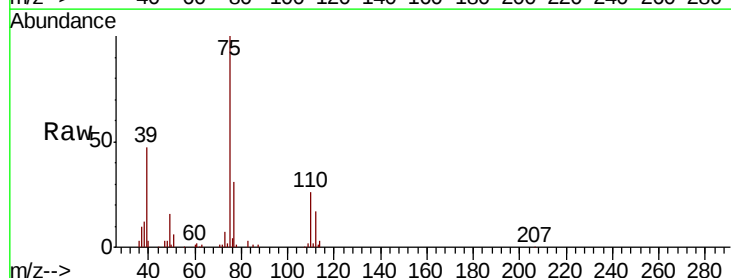
Tgt Ion: 75 Resp: 46267

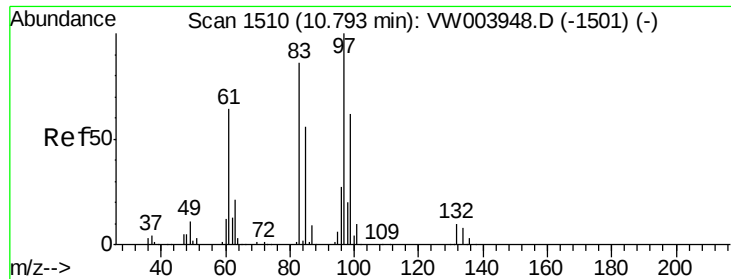
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 47.3 39.0 58.6

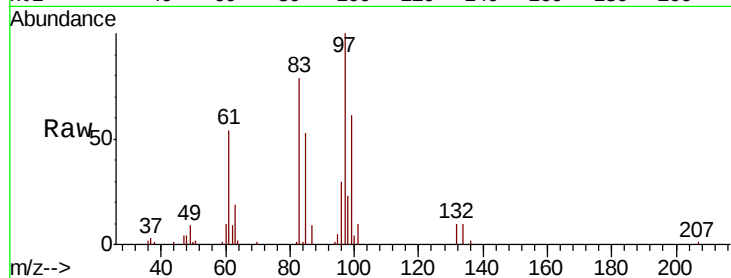




#55
 1,1,2-Trichloroethane
 Concen: 19.415 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	23415
Ion	Ratio	Lower	Upper
97	100		
83	79.0	70.8	106.2
85	52.9	43.7	65.5
99	61.1	45.1	67.7



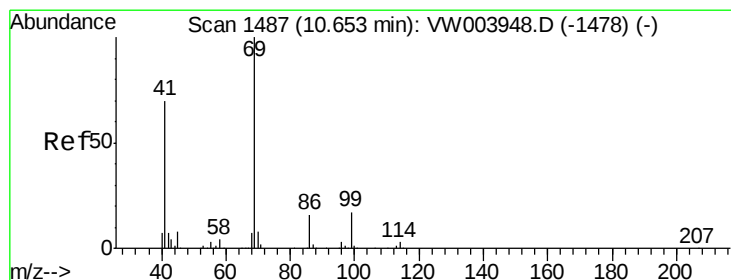
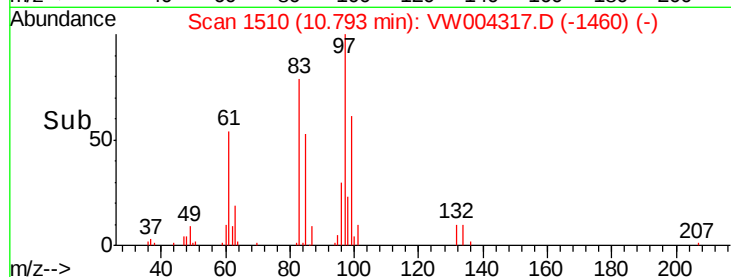
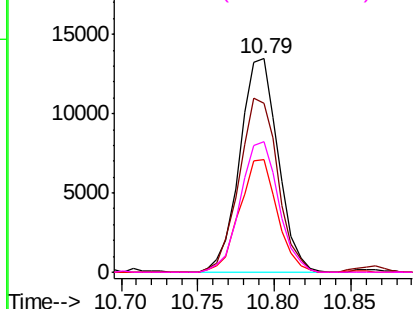
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

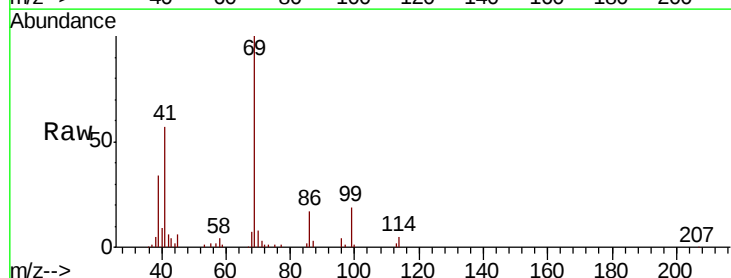
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.425 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion:	69	Resp:	28349
Ion	Ratio	Lower	Upper
69	100		
41	62.5	54.7	82.1
39	30.6	24.4	36.6

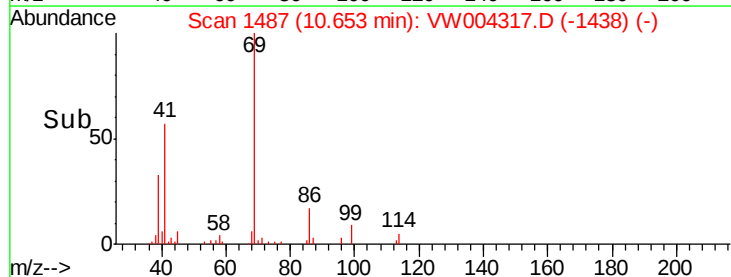
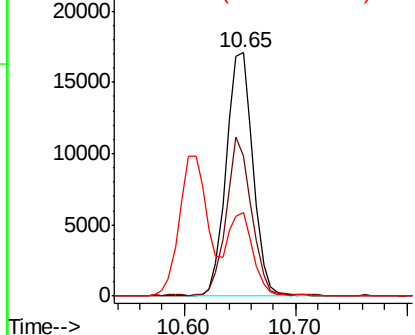


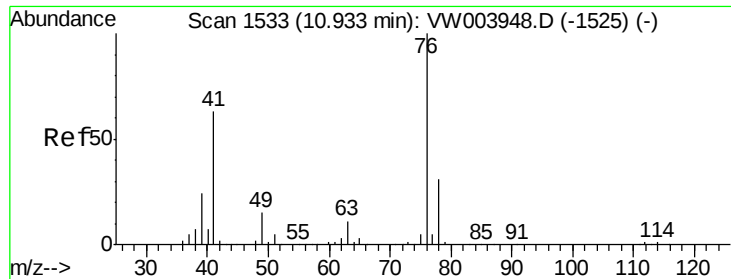
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

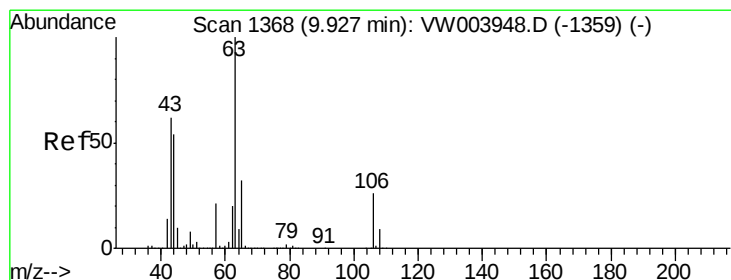
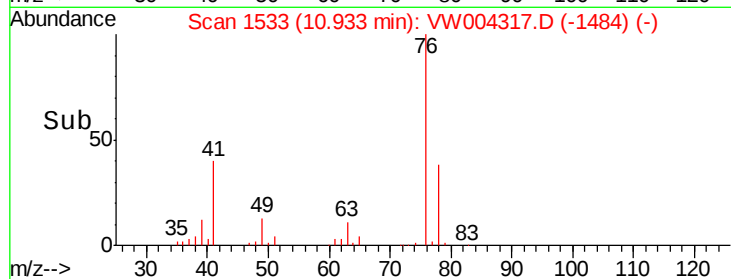
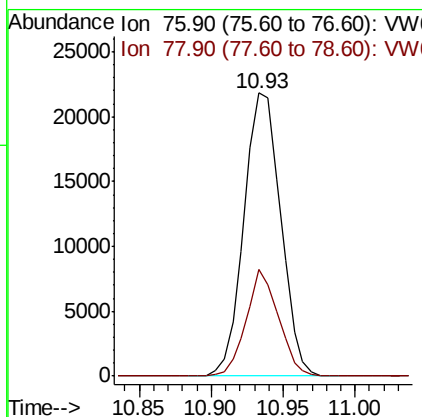
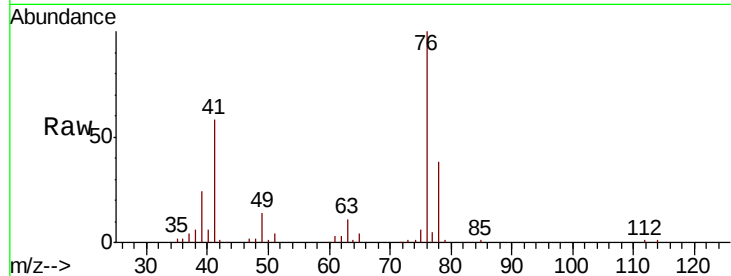




#57
 1,3-Dichloropropane
 Concen: 18.776 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

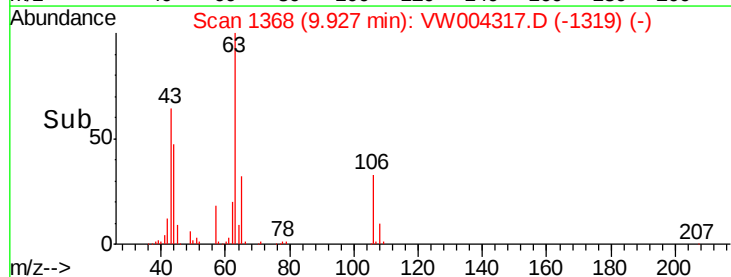
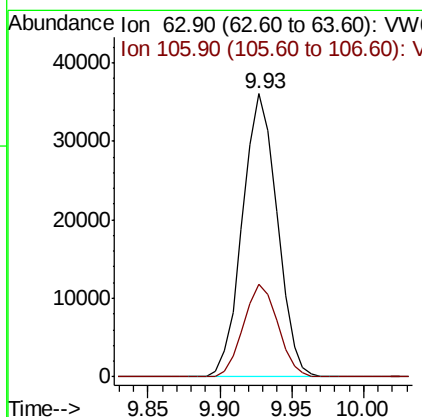
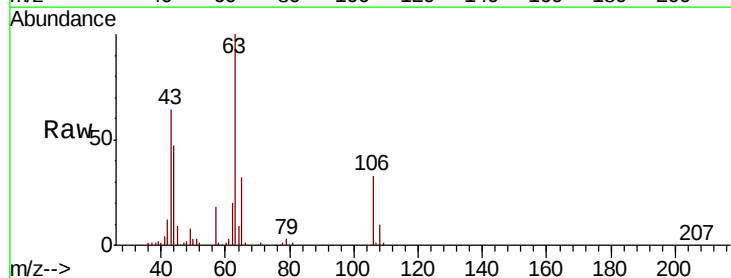
Instrument :
 MSVOA_W
 ClientSampled :

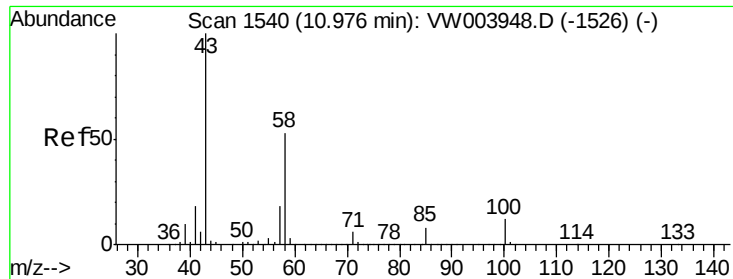
Tot Ion: 76 Resp: 38580
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.990 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion: 63 Resp: 60286
 Ion Ratio Lower Upper
 63 100
 106 32.4 21.9 32.9

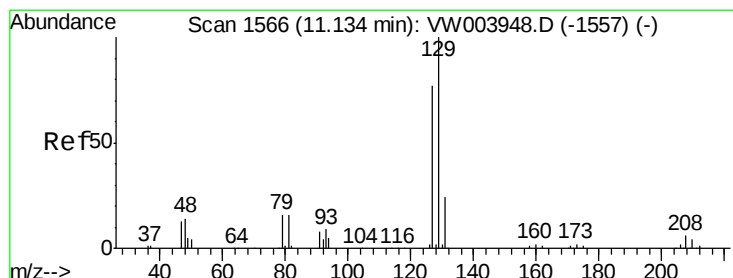
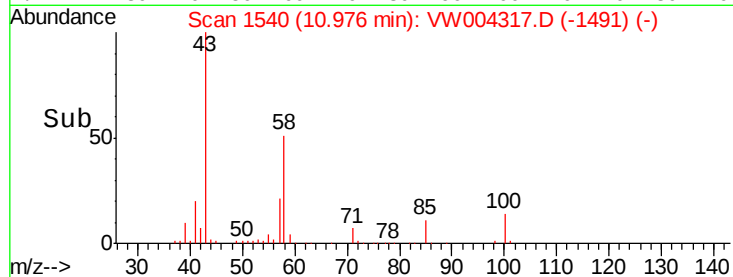
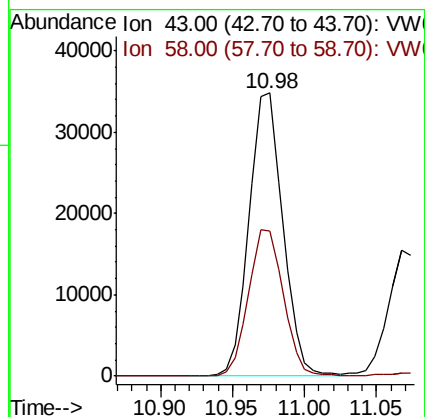
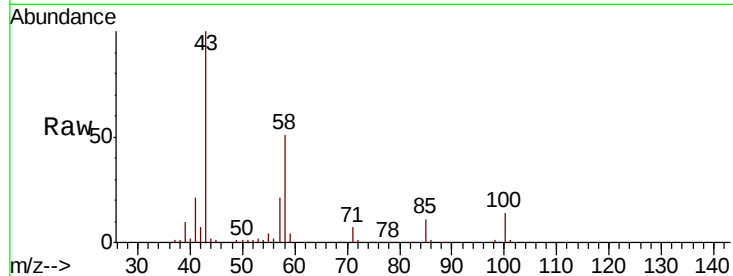




#59
2-Hexanone
Concen: 85.409 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

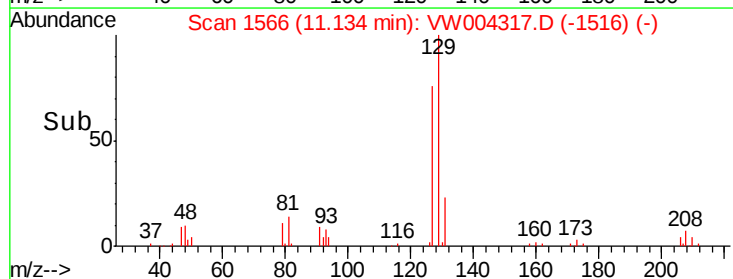
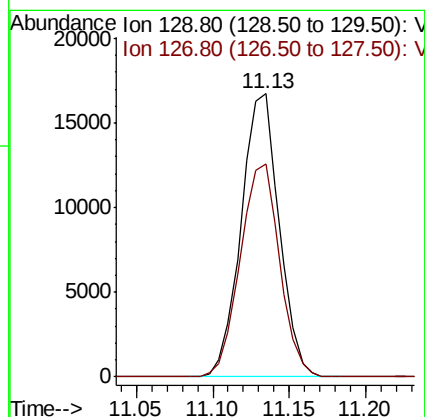
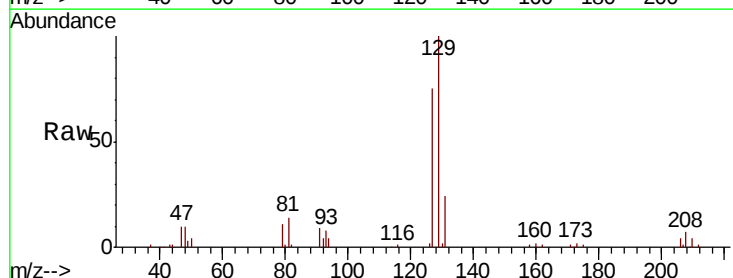
Instrument :
MSVOA_W
ClientSampled :

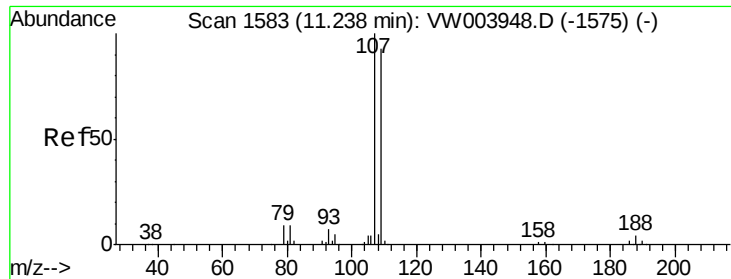
Tot Ion: 43 Resp: 56446
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.4



#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 129 Resp: 28903
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.749 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

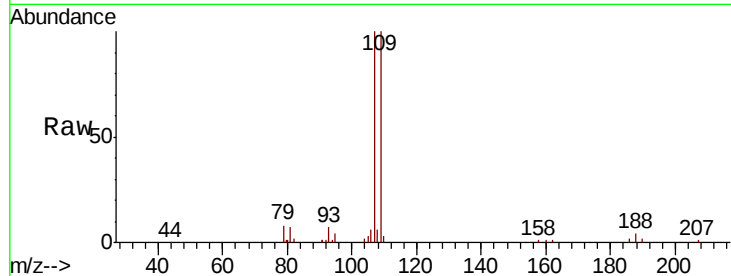
ClientSampled :

Tot Ion:107 Resp: 21562

Ion Ratio Lower Upper

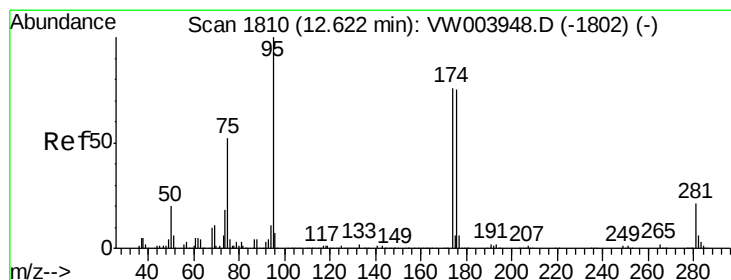
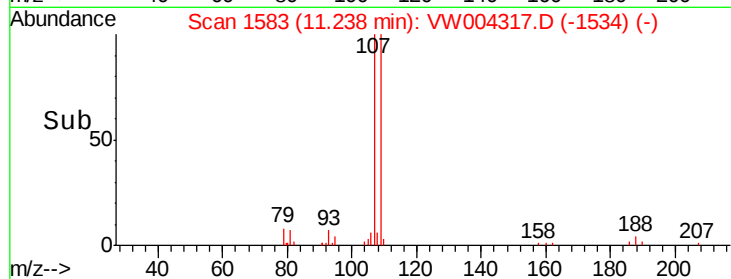
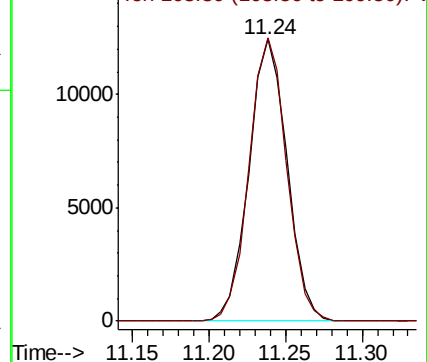
107 100

109 98.9 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.924 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

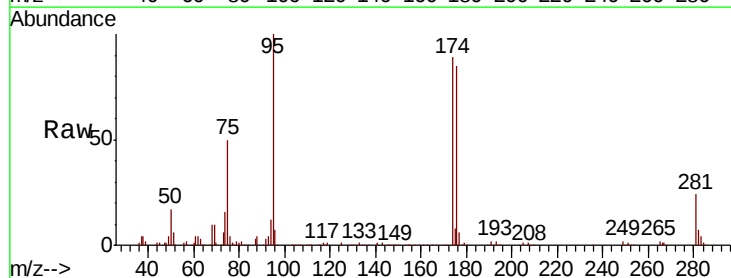
Tgt Ion: 95 Resp: 104211

Ion Ratio Lower Upper

95 100

174 91.4 0.0 167.8

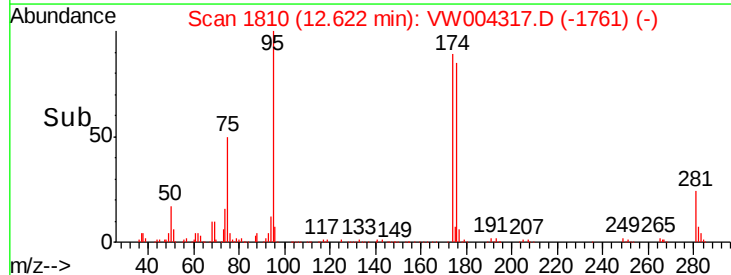
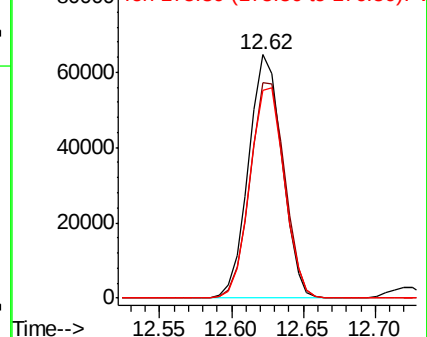
176 88.5 0.0 162.4

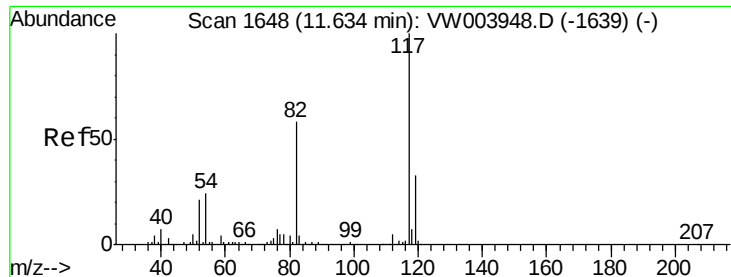


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

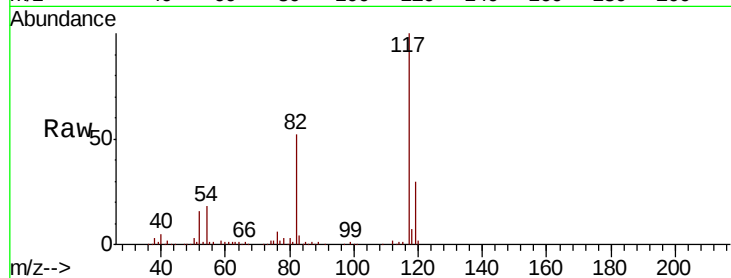




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	47.9	71.9
119	30.4	27.1	40.7

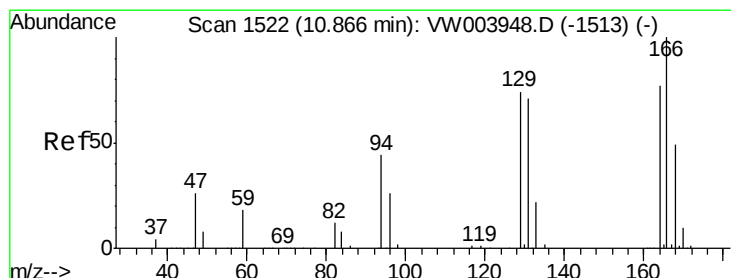
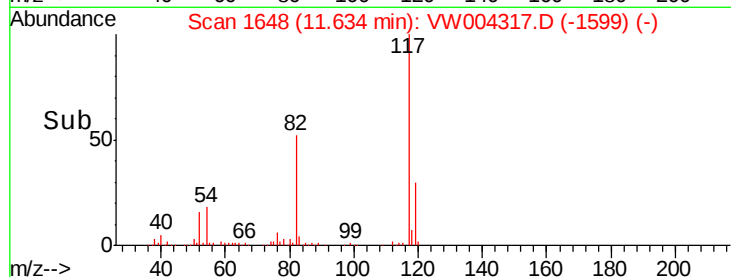
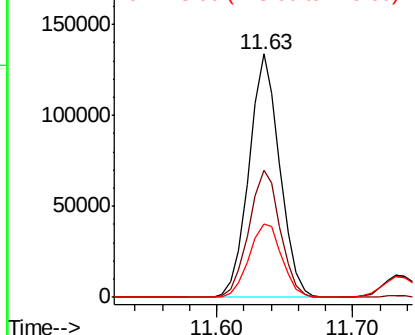


Abundance

Ion 116.90 (116.60 to 117.60): V

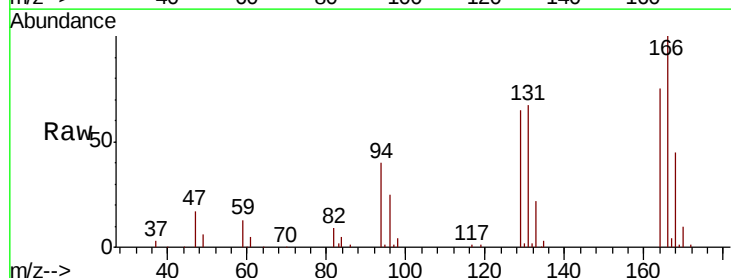
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.857 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	103.2	154.8
129	86.2	72.1	108.1
131	89.2	70.4	105.6



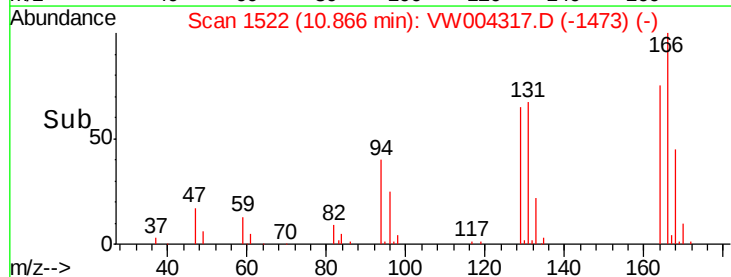
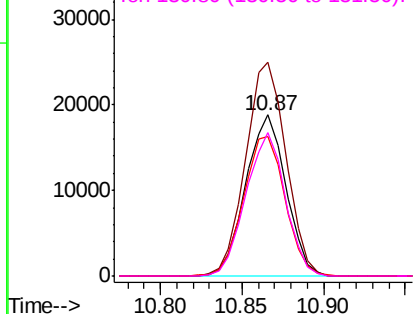
Abundance

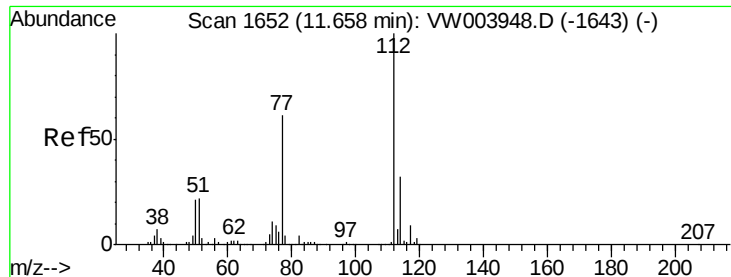
Ion 163.80 (163.50 to 164.50): V

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

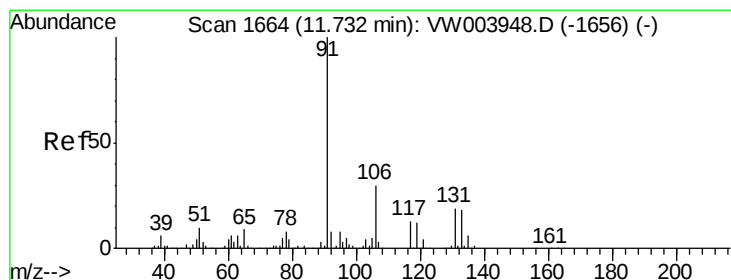
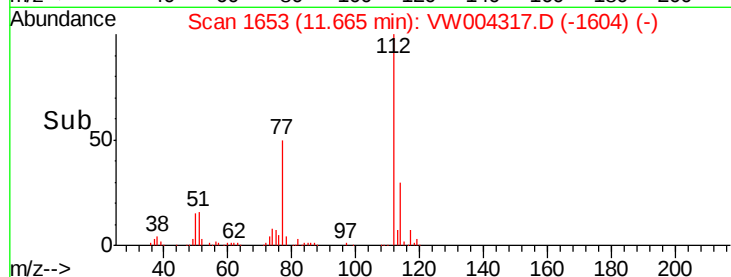
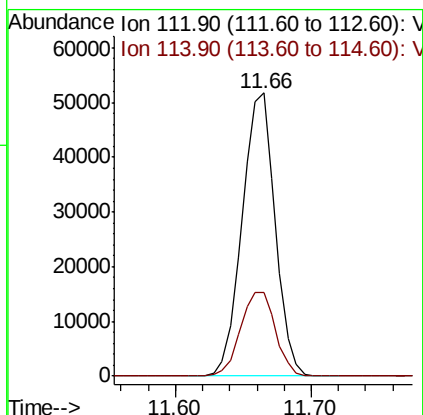
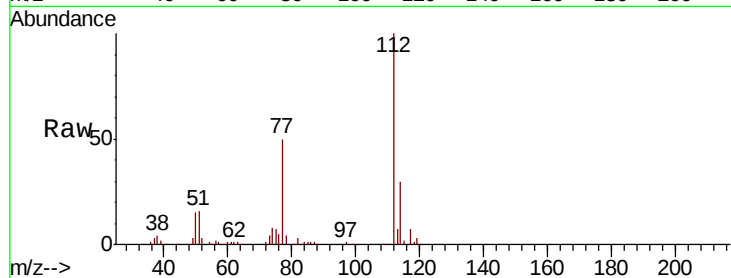




#65
Chlorobenzene
Concen: 19.758 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

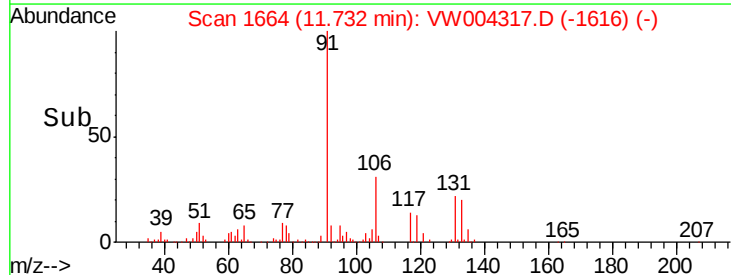
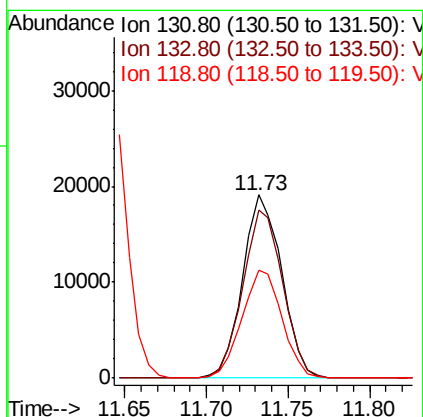
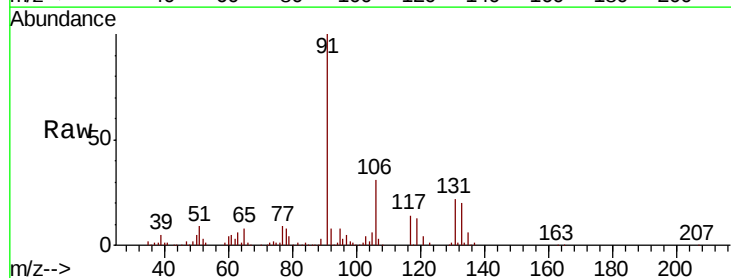
Instrument :
MSVOA_W
ClientSampleId :

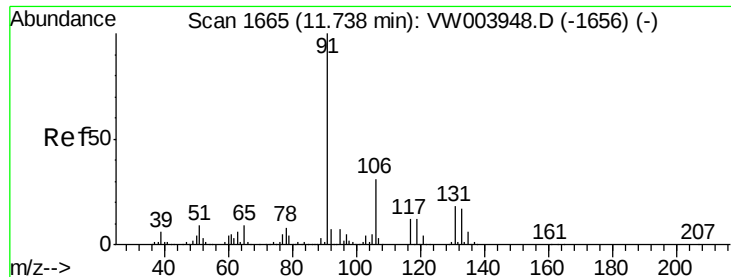
Tot Ion:112 Resp: 87788
Ion Ratio Lower Upper
112 100
114 29.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.321 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion:131 Resp: 31845
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.9
119 60.9 33.1 99.5

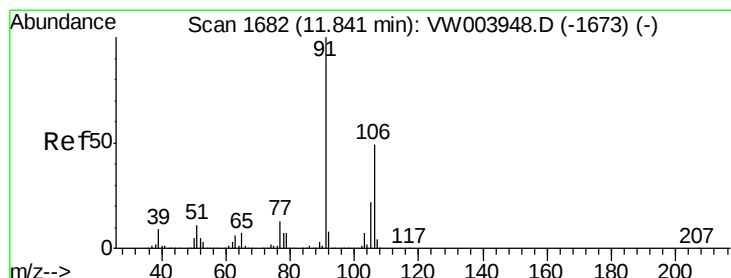
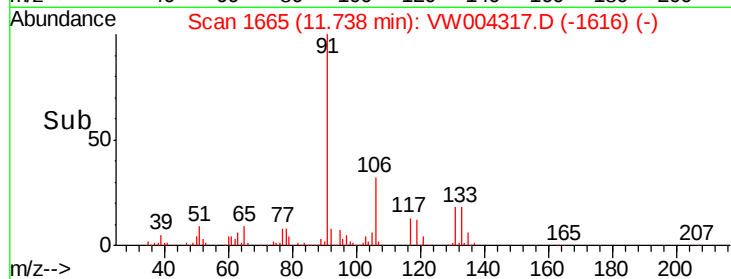
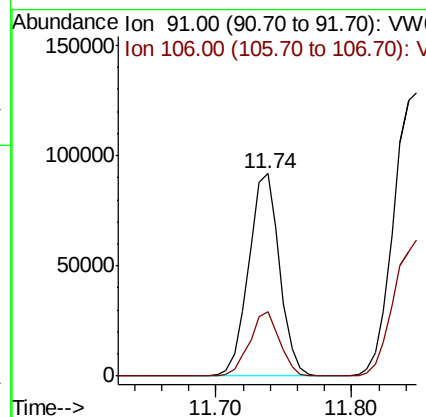
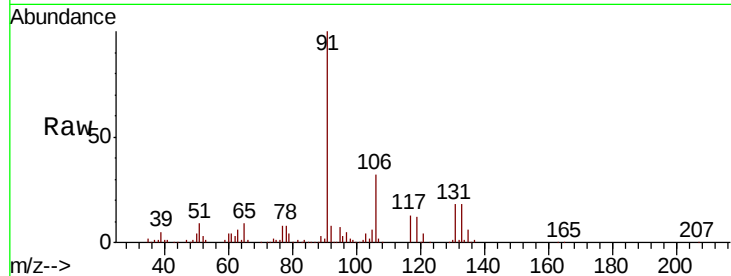




#67
Ethyl Benzene
Concen: 18.870 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

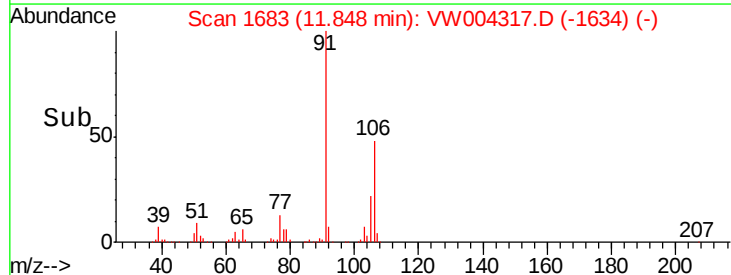
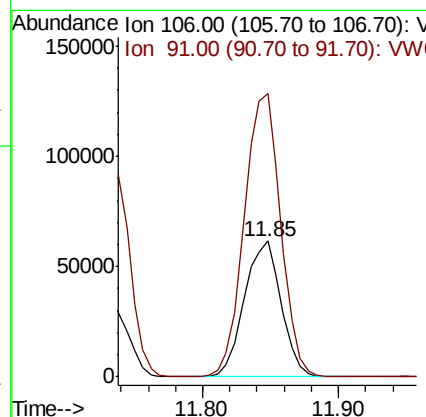
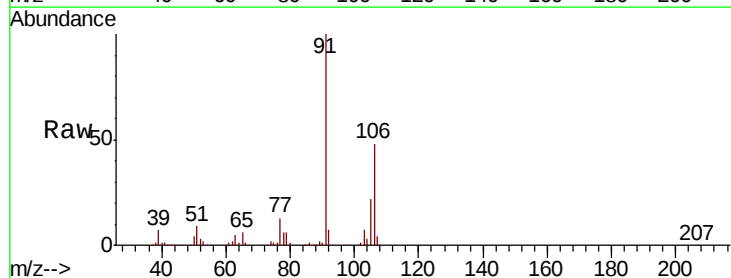
Instrument :
MSVOA_W
ClientSampled :

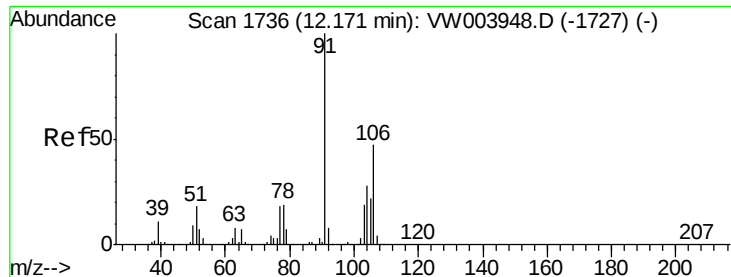
Tot Ion: 91 Resp: 146149
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1



#68
m/p-Xylenes
Concen: 38.810 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 106 Resp: 115667
Ion Ratio Lower Upper
106 100
91 207.4 162.2 243.2

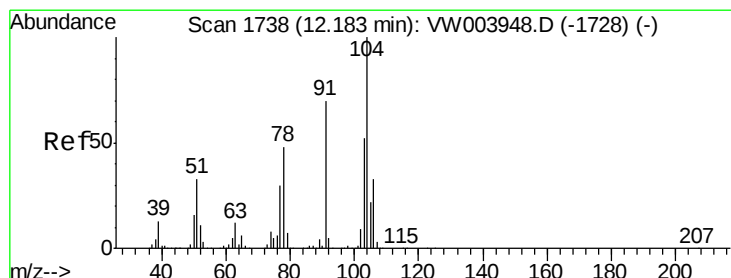
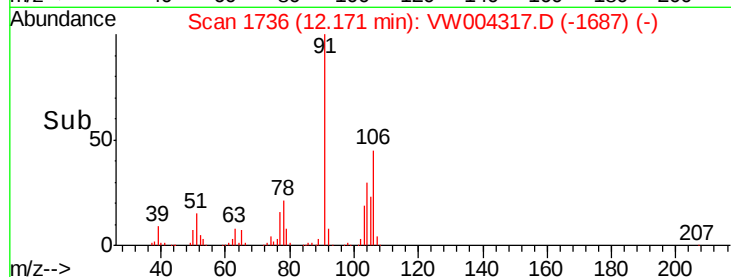
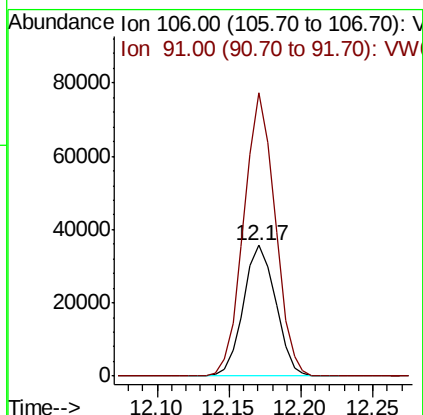
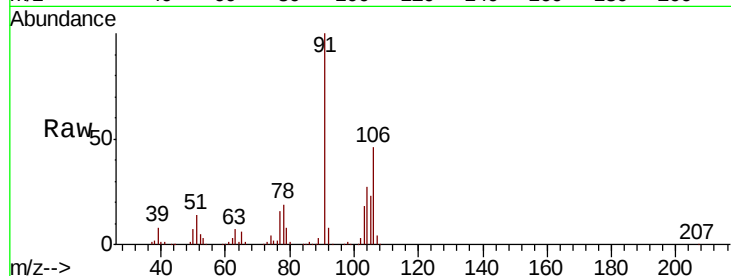




#69
o-Xylene
Concen: 20.233 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

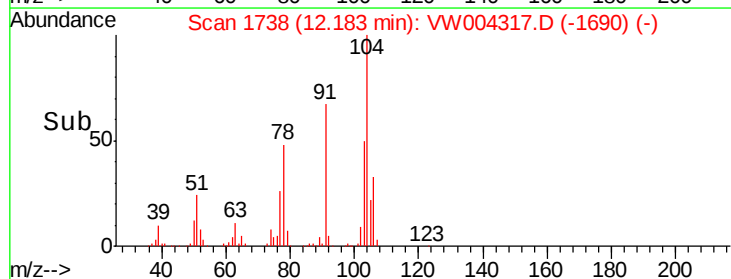
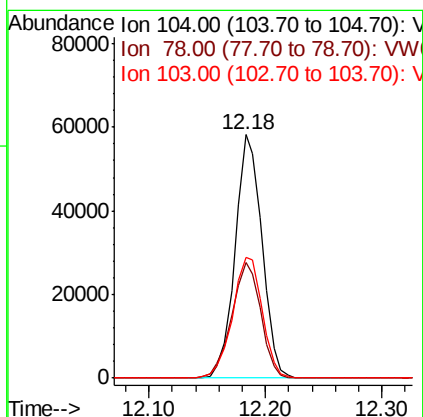
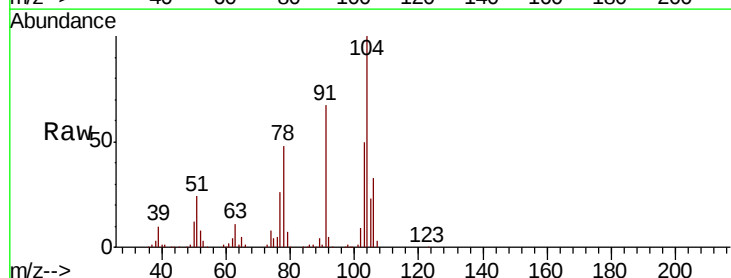
Instrument :
MSVOA_W
ClientSampled :

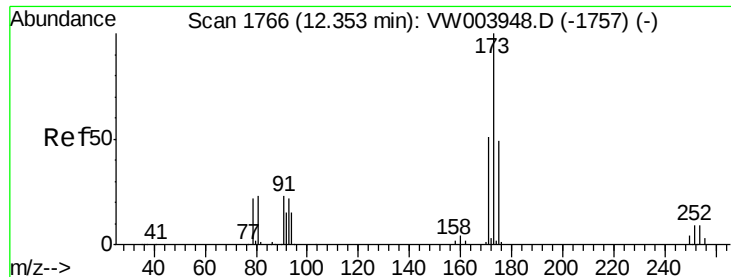
Tot Ion:106 Resp: 55718
Ion Ratio Lower Upper
106 100
91 209.1 108.7 326.1



#70
Styrene
Concen: 20.113 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion:104 Resp: 93571
Ion Ratio Lower Upper
104 100
78 51.4 40.9 61.3
103 54.9 45.0 67.6





#71

Bromoform

Concen: 21.367 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

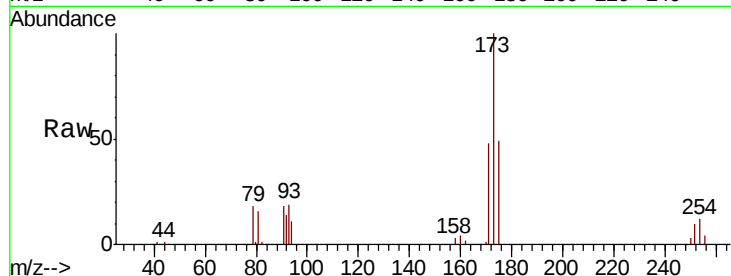
Tot Ion:173 Resp: 18766

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

254 0.0 0.2 0.2#

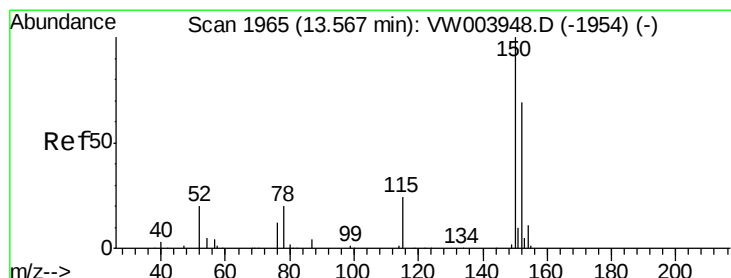
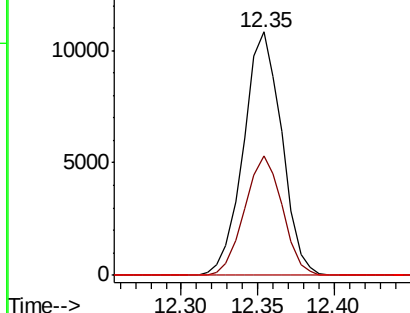
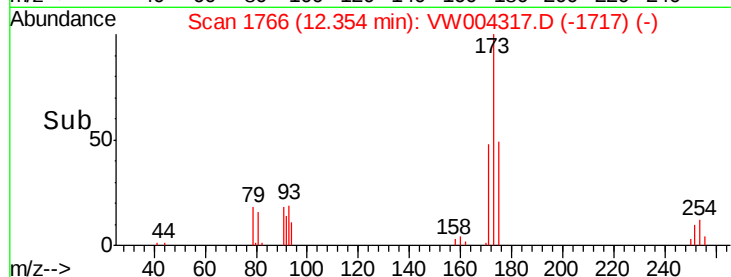


Abundance

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: VW004317.D

Acq: 29 Jul 2018 16:56

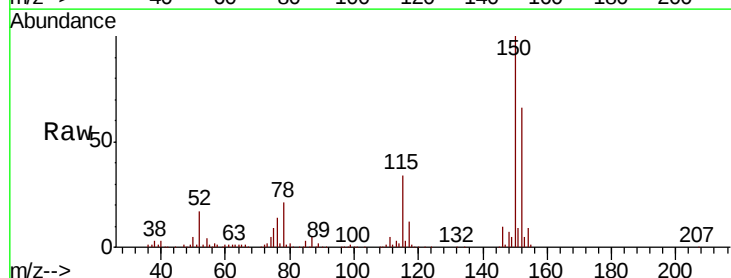
Tgt Ion:152 Resp: 119440

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.4

150 162.4 0.0 346.4

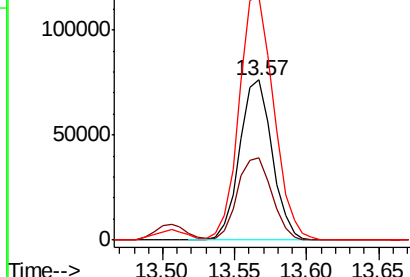
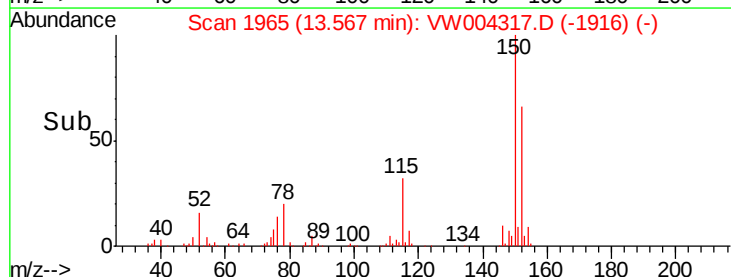


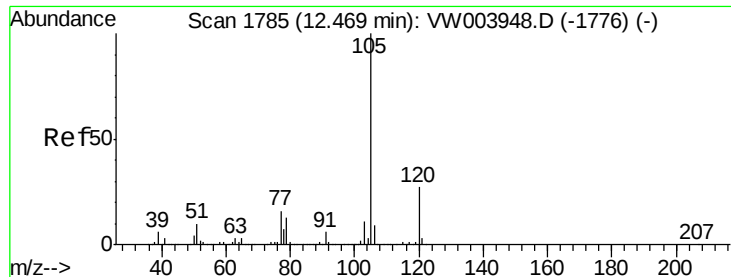
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.636 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

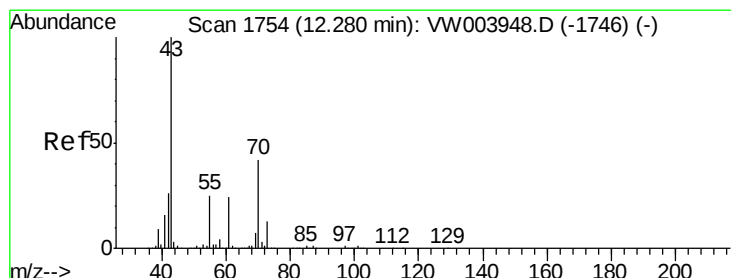
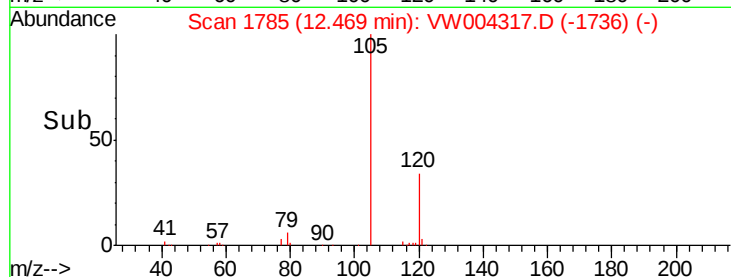
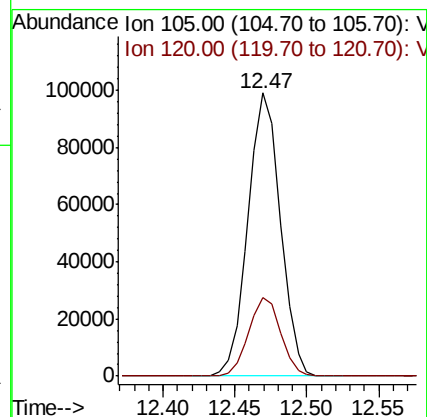
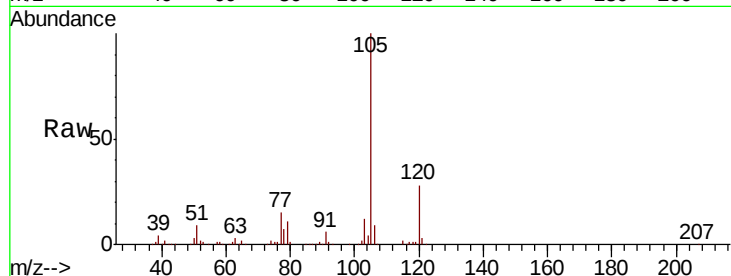
ClientSampled :

Tot Ion:105 Resp: 154341

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 15.694 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Tgt Ion: 43 Resp: 28442

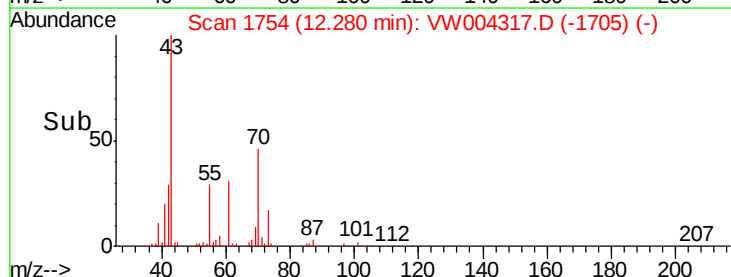
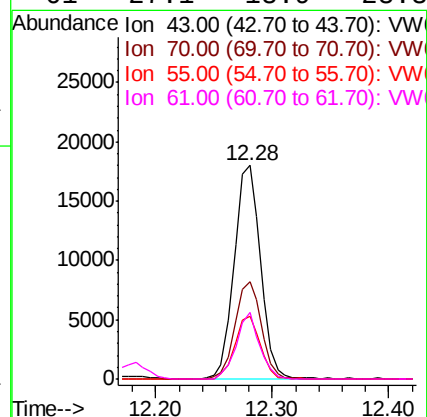
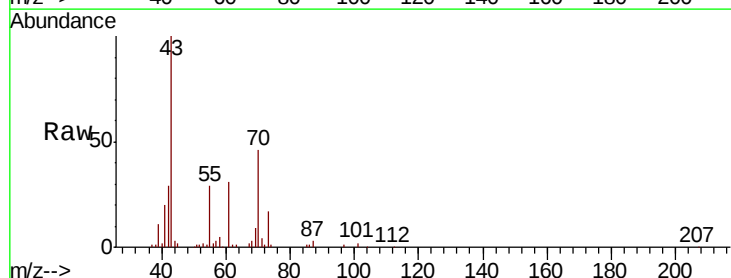
Ion Ratio Lower Upper

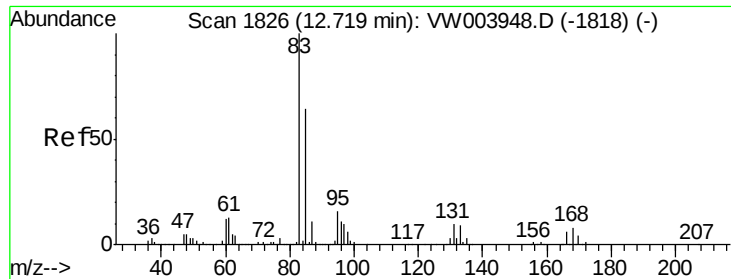
43 100

70 45.4 34.2 51.4

55 28.3 21.8 32.8

61 27.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.460 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

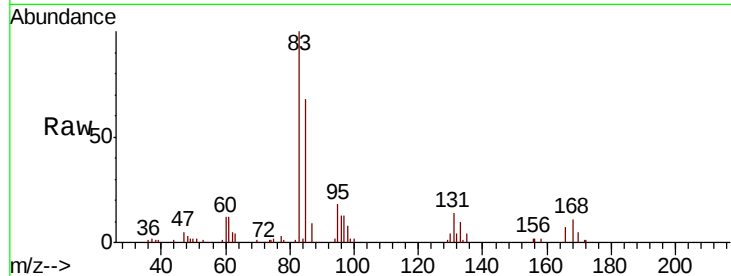
Tot Ion: 83 Resp: 25330

Ion Ratio Lower Upper

83 100

131 12.7 5.5 16.4

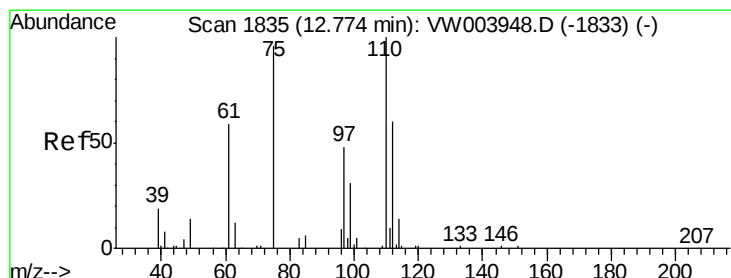
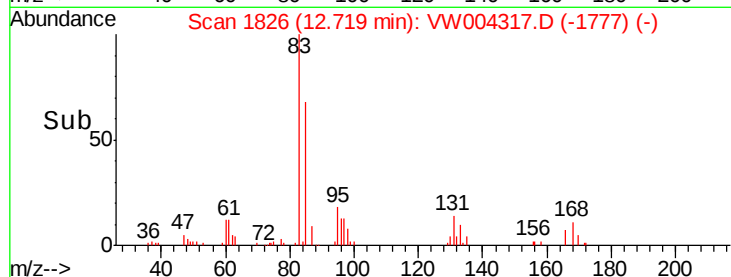
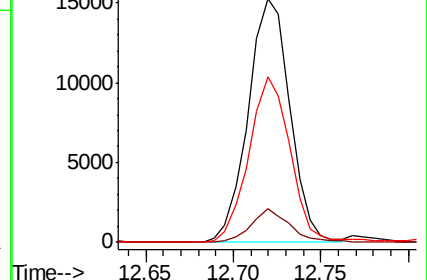
85 66.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.329 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004317.D

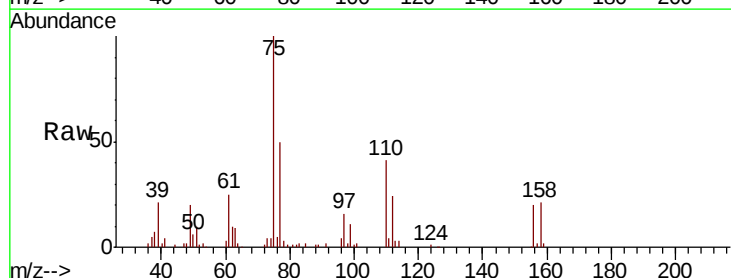
Acq: 29 Jul 2018 16:56

Tgt Ion: 75 Resp: 35241

Ion Ratio Lower Upper

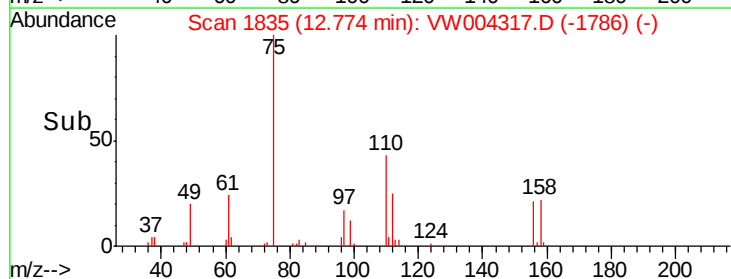
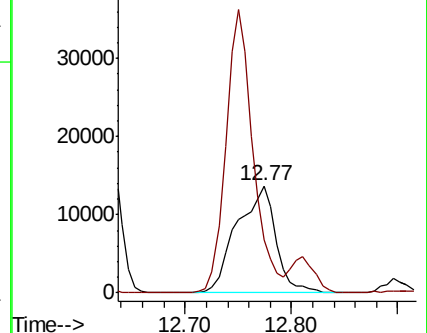
75 100

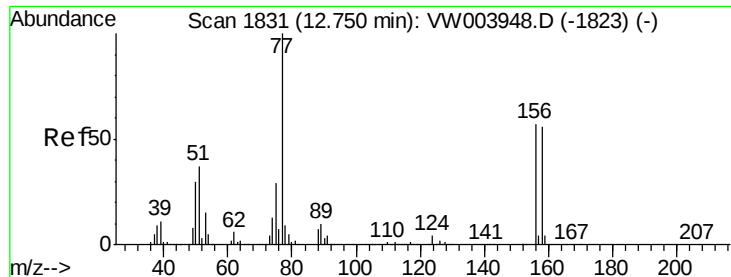
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.913 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

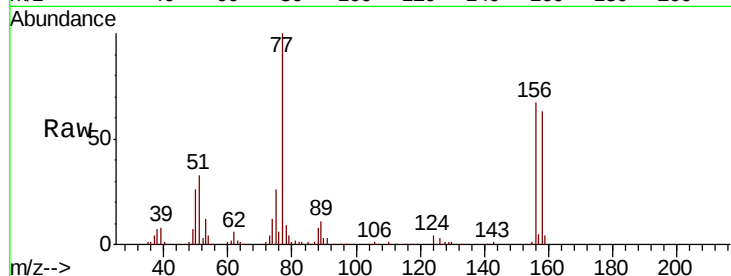
Tot Ion:156 Resp: 39847

Ion Ratio Lower Upper

156 100

77 161.9 92.9 278.7

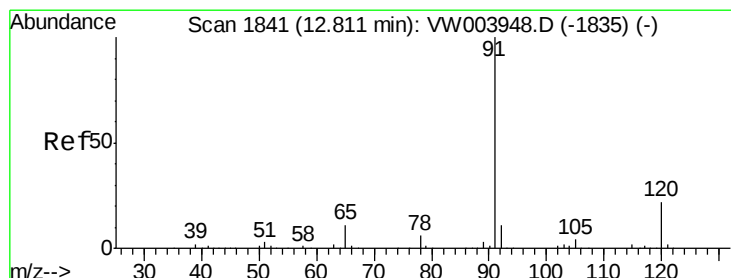
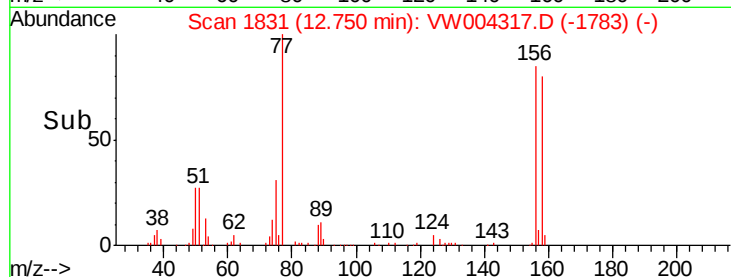
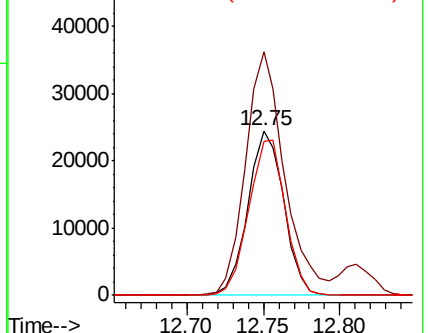
158 96.8 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.696 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004317.D

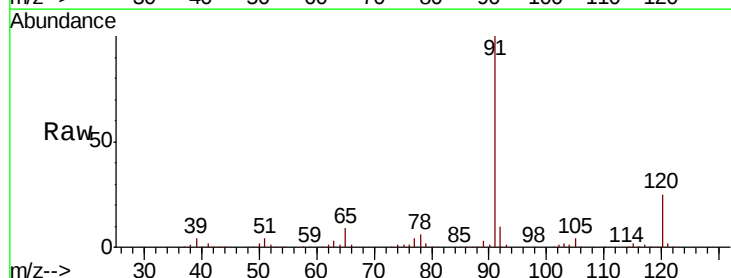
Acq: 29 Jul 2018 16:56

Tgt Ion: 91 Resp: 178540

Ion Ratio Lower Upper

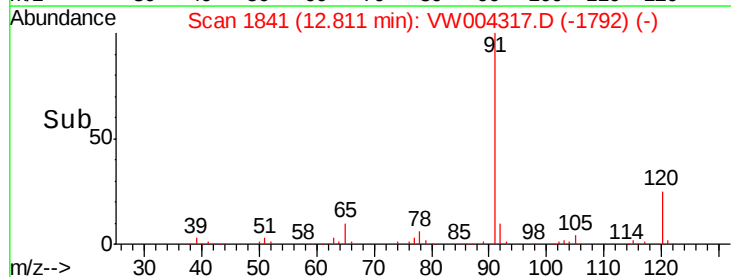
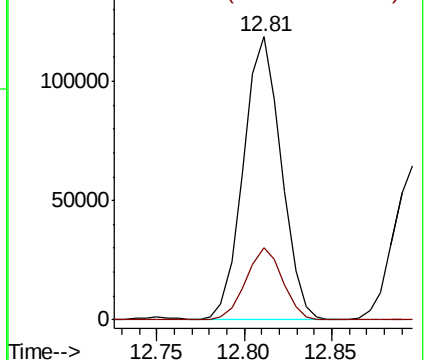
91 100

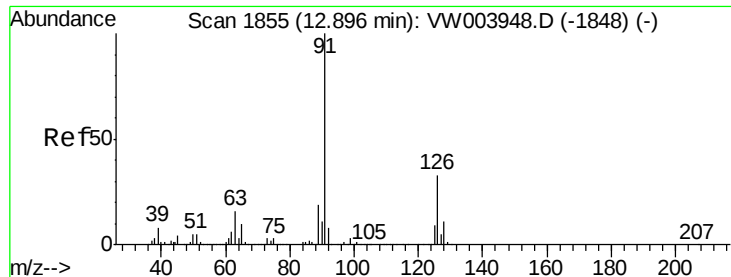
120 24.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

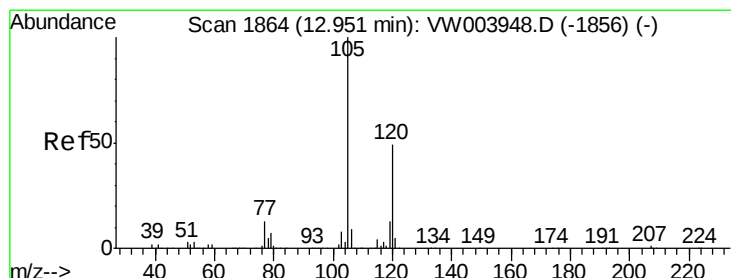
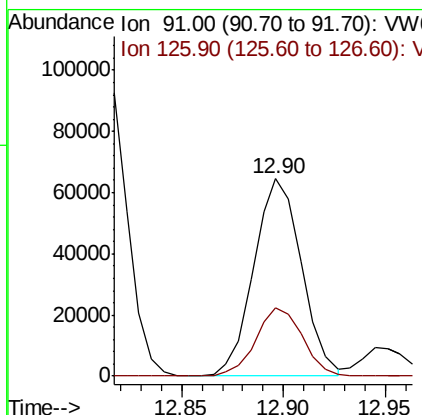
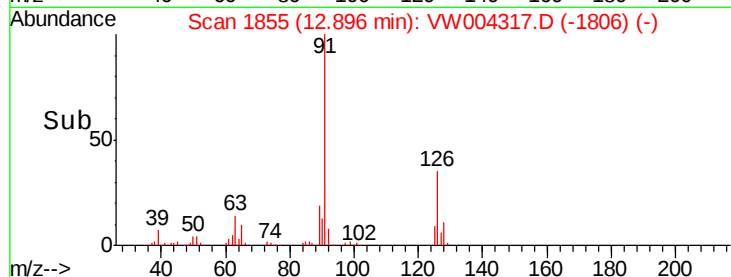
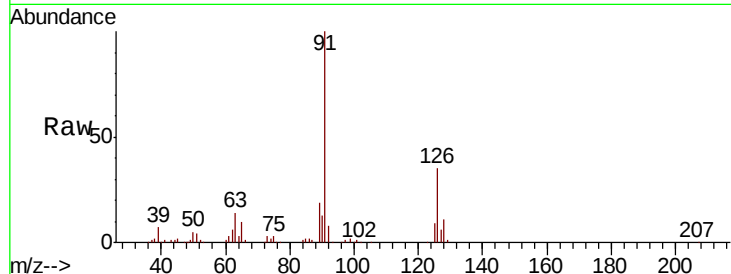




#79
 2-Chlorotoluene
 Concen: 18.222 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

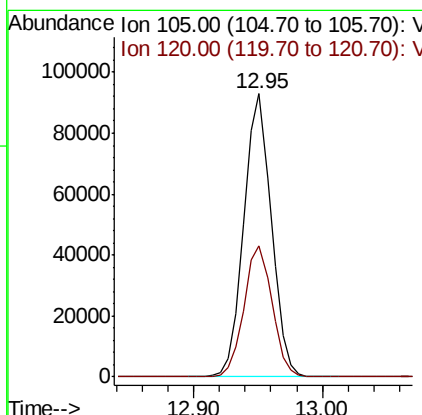
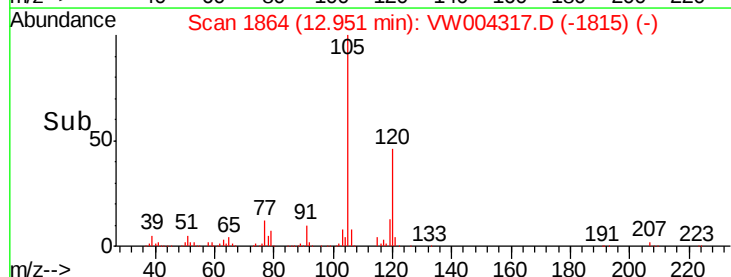
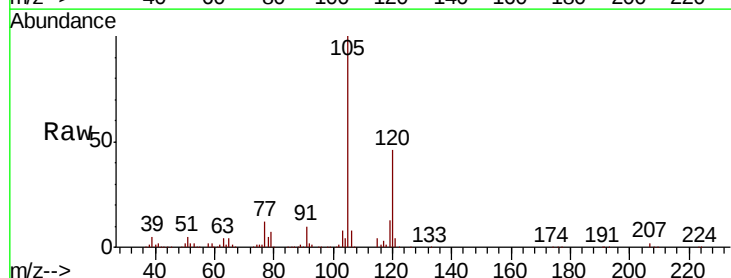
Instrument :
 MSVOA_W
 ClientSampleId :

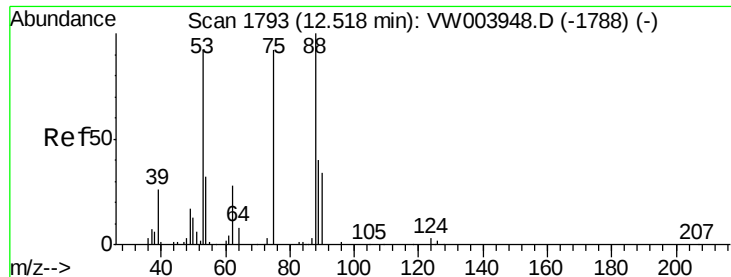
Tot Ion: 91 Resp: 105152
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.132 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion:105 Resp: 136499
 Ion Ratio Lower Upper
 105 100
 120 47.3 25.1 75.2

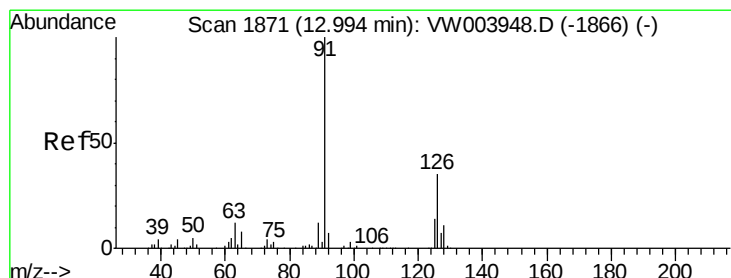
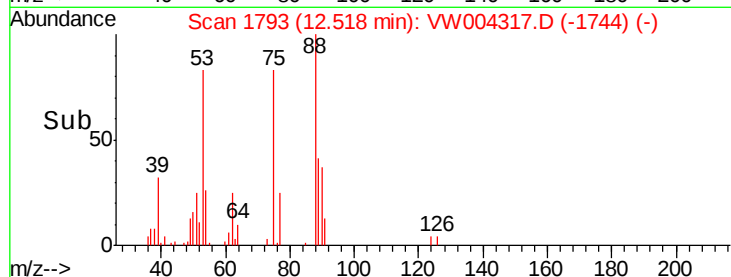
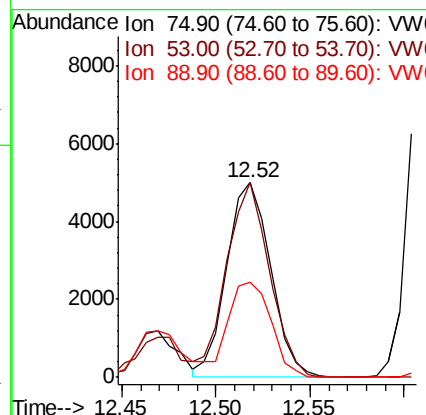
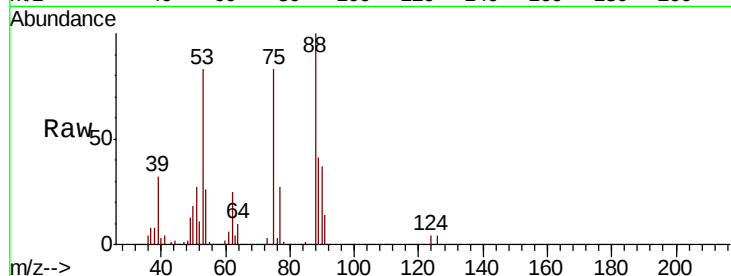




#81
trans-1,4-Dichloro-2-butene
Concen: 17.316 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

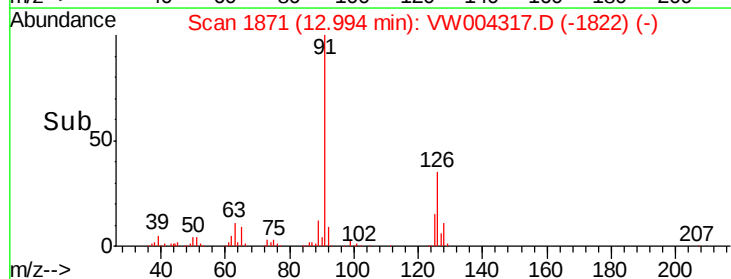
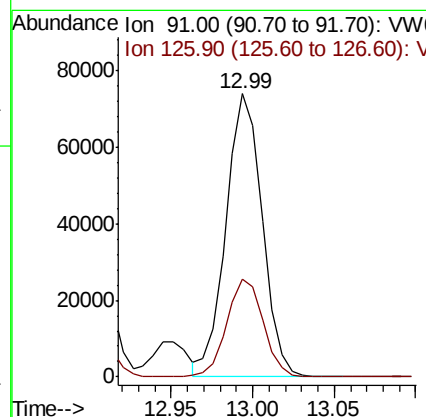
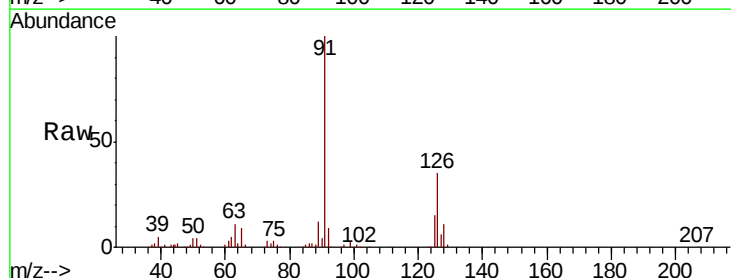
Instrument :
MSVOA_W
ClientSampleId :

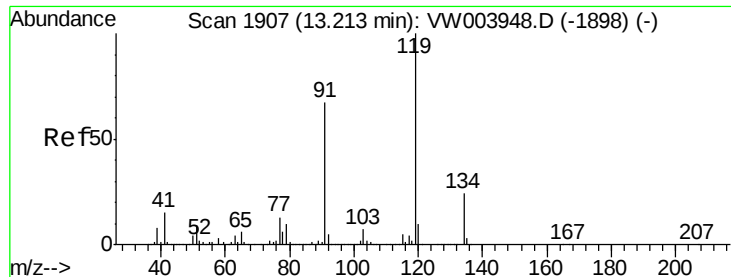
Tot Ion: 75 Resp: 8112
Ion Ratio Lower Upper
75 100
53 97.9 77.6 116.4
89 47.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 18.743 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion: 91 Resp: 114451
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3

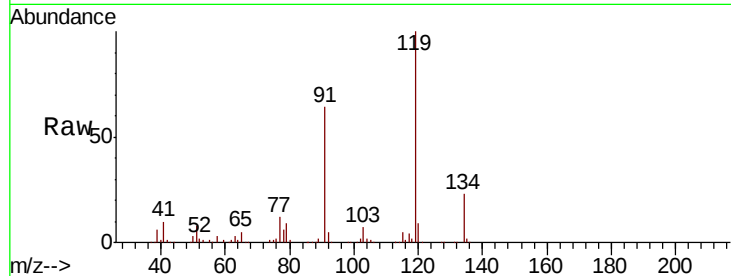




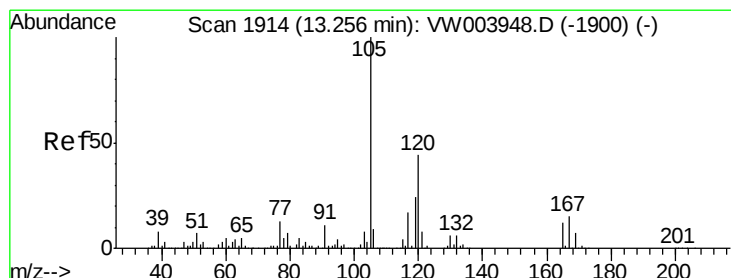
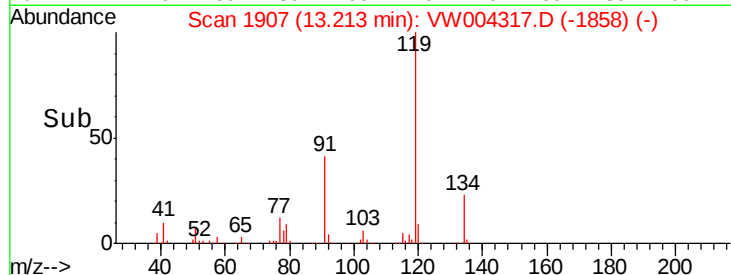
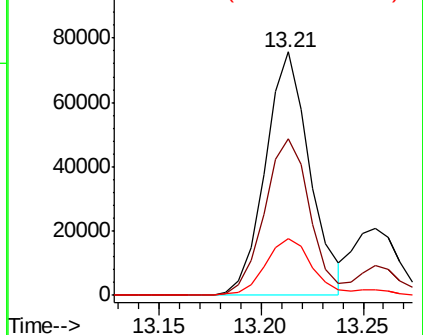
#83
tert-Butylbenzene
Concen: 19.326 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 114868
Ion Ratio Lower Upper
119 100
91 65.6 32.8 98.3
134 24.7 12.2 36.6

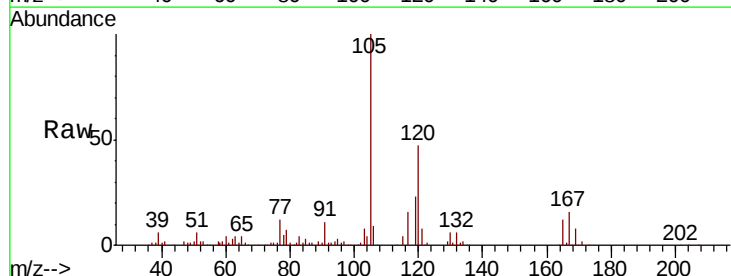


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

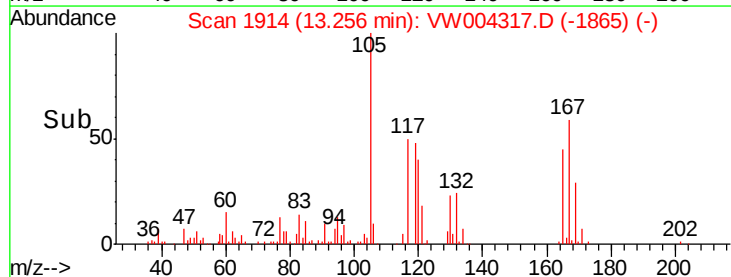
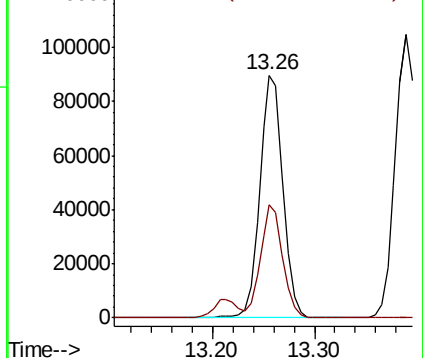


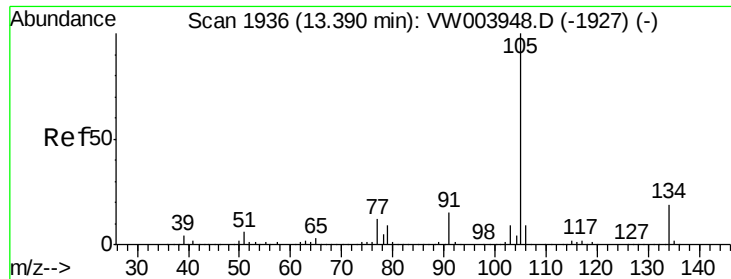
#84
1,2,4-Trimethylbenzene
Concen: 19.465 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion:105 Resp: 141639
Ion Ratio Lower Upper
105 100
120 44.5 22.7 68.0



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

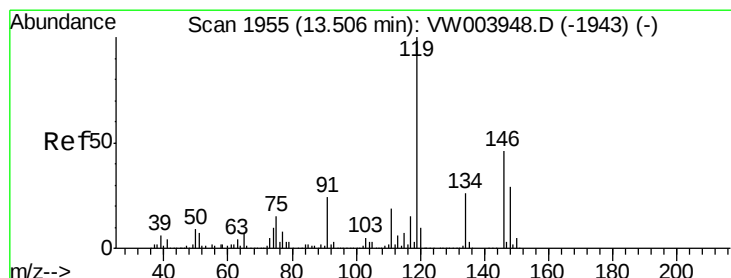
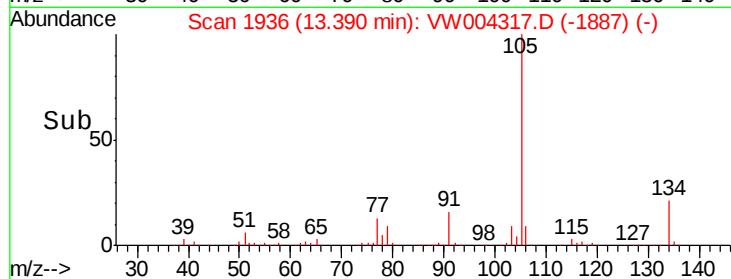
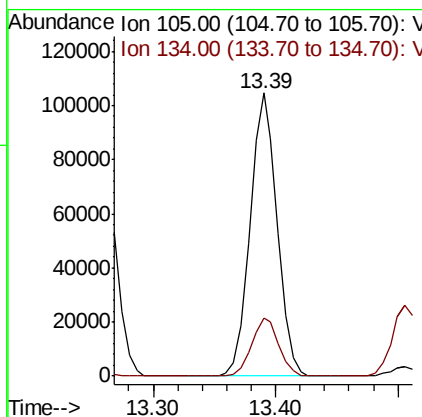
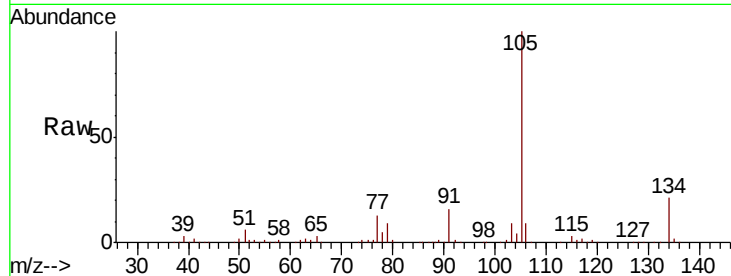




#85
 sec-Butylbenzene
 Concen: 18.407 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

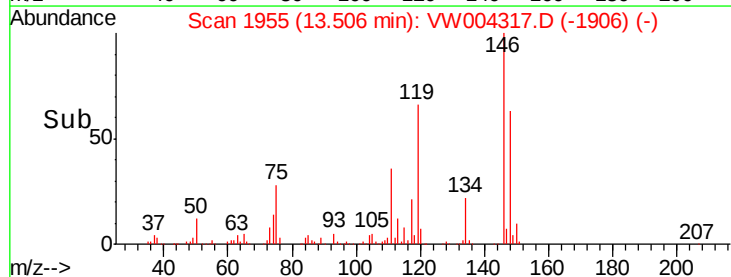
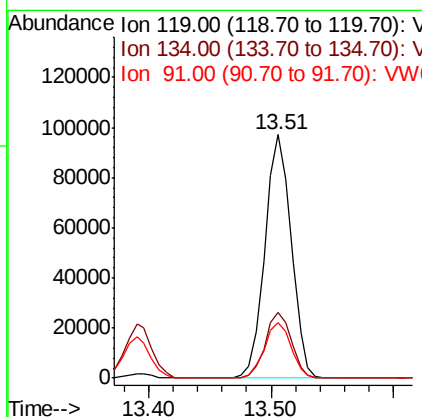
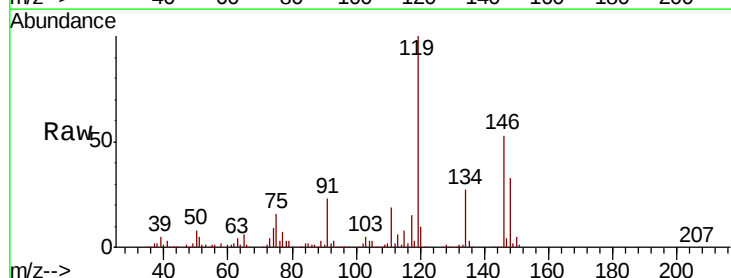
Instrument :
 MSVOA_W
 ClientSampled :

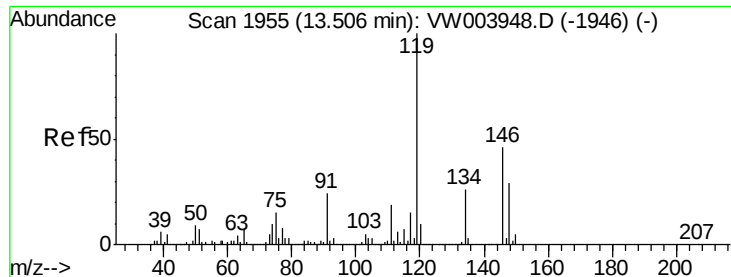
Tot Ion:105 Resp: 159813
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.755 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion:119 Resp: 146242
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 23.0 11.3 33.9

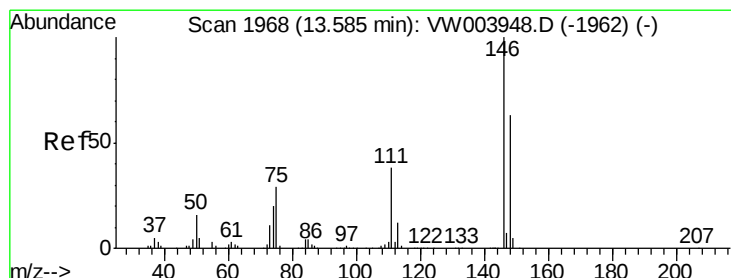
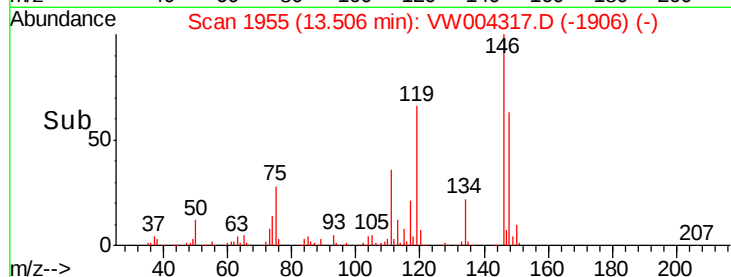
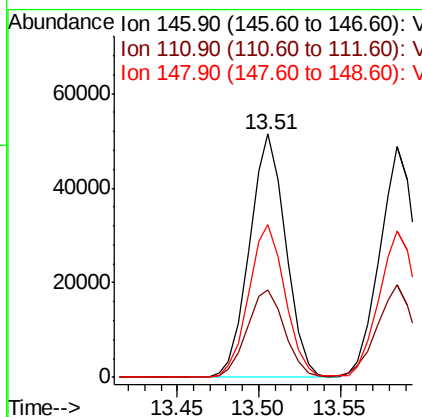
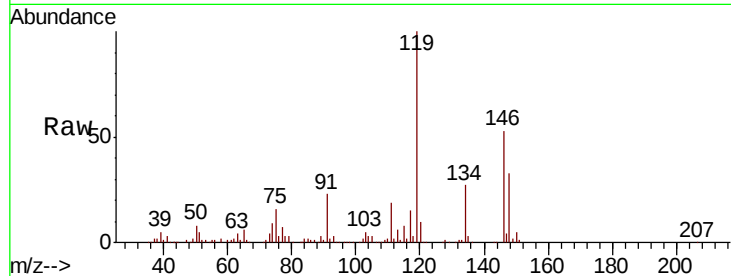




#87
 1,3-Dichlorobenzene
 Concen: 19.798 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

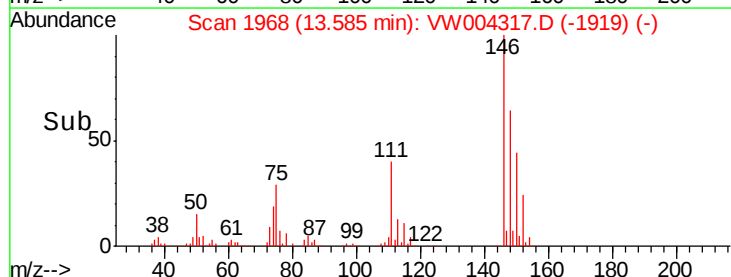
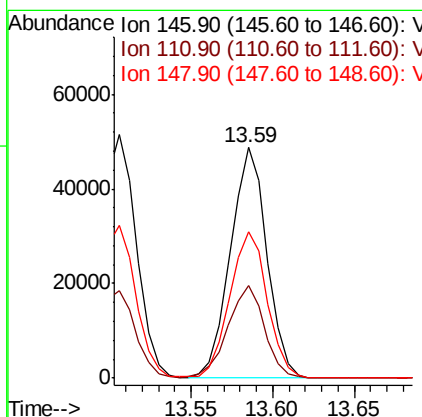
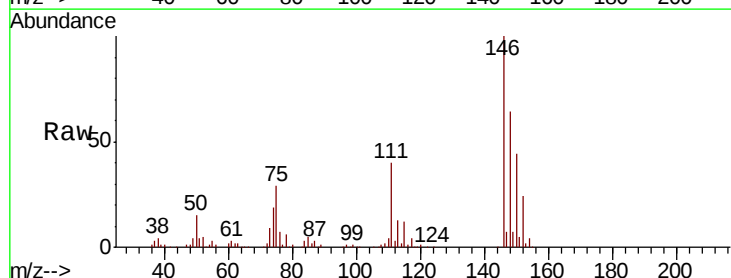
Instrument :
 MSVOA_W
 ClientSampleId :

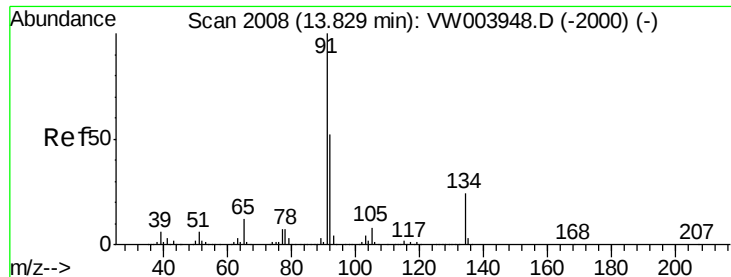
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.9	59.6
148	63.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.1
148	65.4	32.8	98.3





#89

n-Butylbenzene

Concen: 18.108 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.01 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

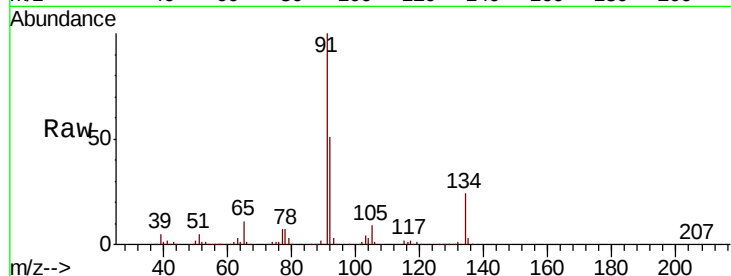
Tot Ion: 91 Resp: 131855

Ion Ratio Lower Upper

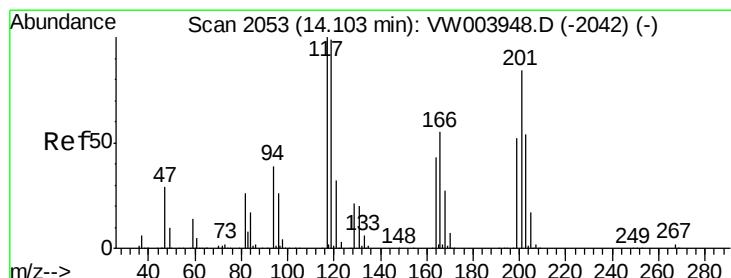
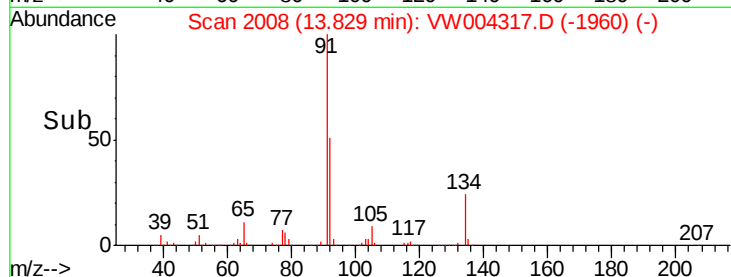
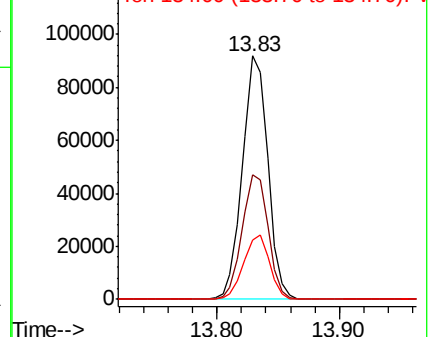
91 100

92 52.5 26.4 79.2

134 27.2 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: 18.824 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VW004317.D

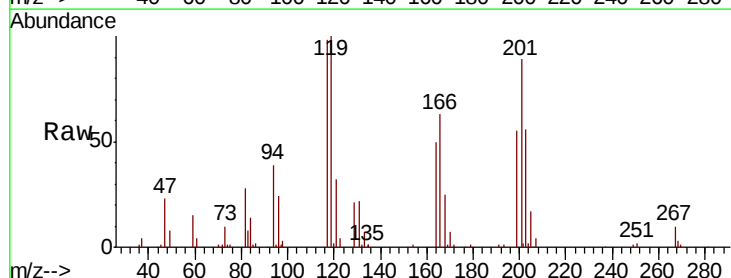
Acq: 29 Jul 2018 16:56

Tgt Ion: 117 Resp: 26179

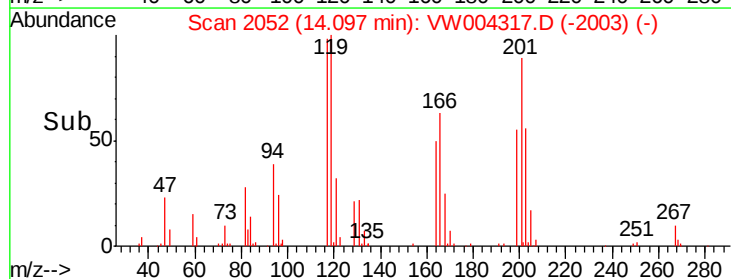
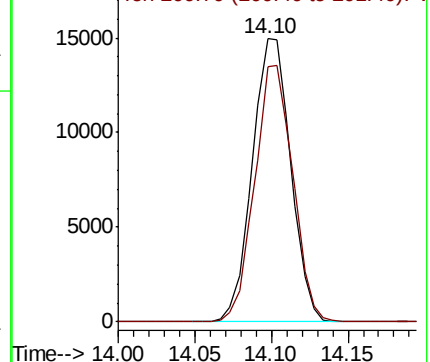
Ion Ratio Lower Upper

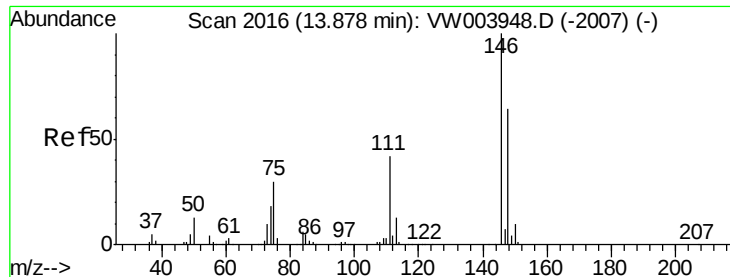
117 100

201 90.1 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: 18.934 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

Instrument :

MSVOA_W

ClientSampleId :

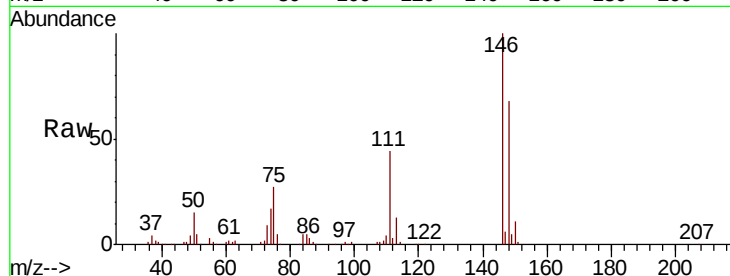
Tot Ion:146 Resp: 67881

Ion Ratio Lower Upper

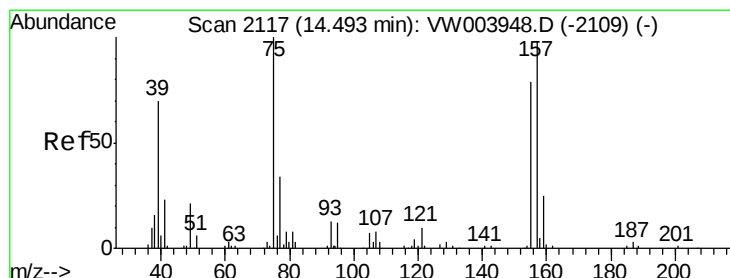
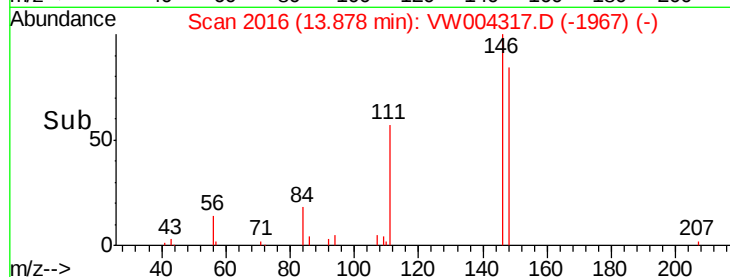
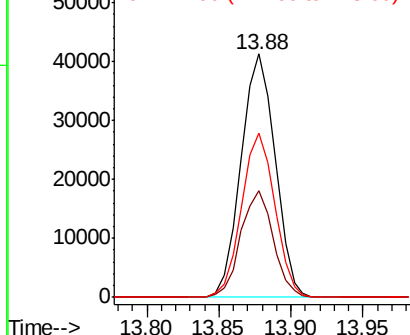
146 100

111 41.5 19.7 59.1

148 65.9 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.269 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004317.D

Acq: 29 Jul 2018 16:56

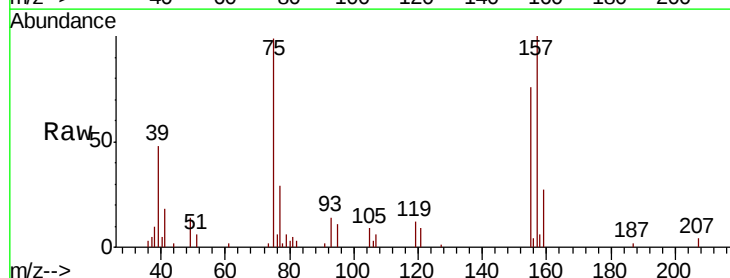
Tgt Ion: 75 Resp: 5133

Ion Ratio Lower Upper

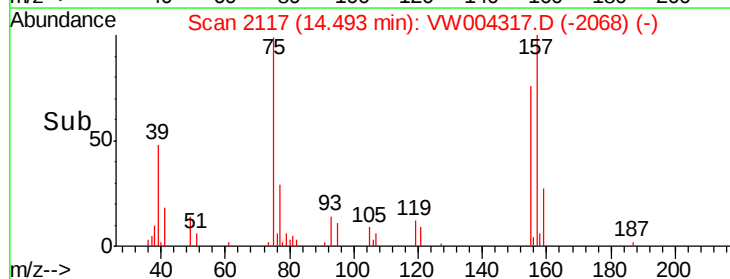
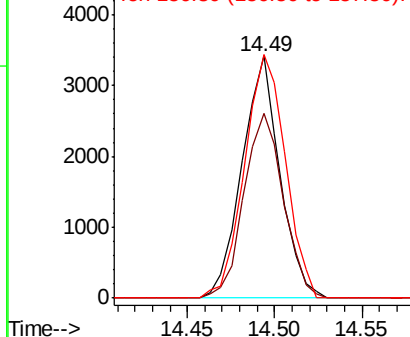
75 100

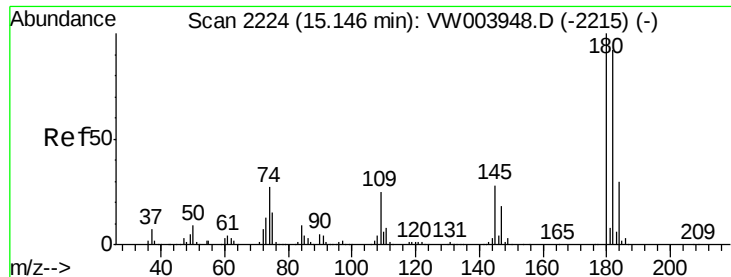
155 79.4 41.4 124.4

157 108.5 55.2 165.6



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

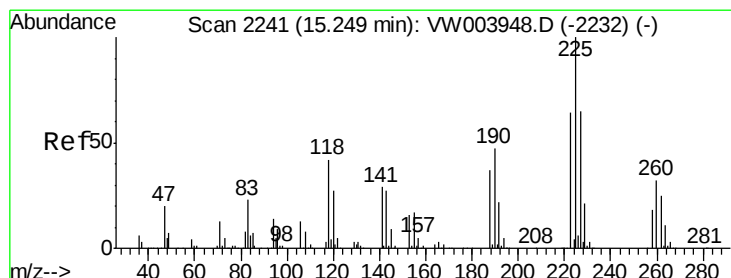
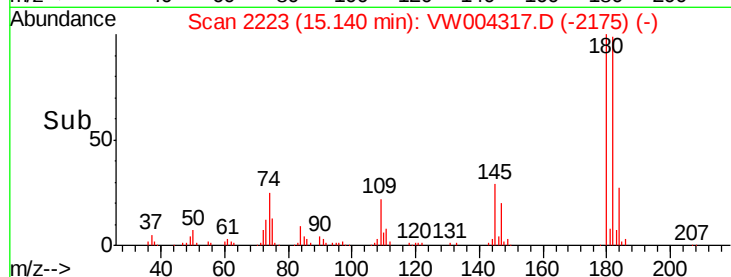
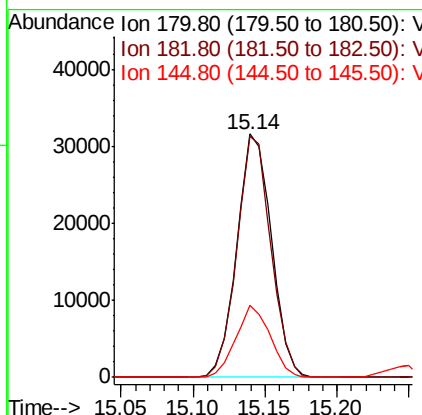
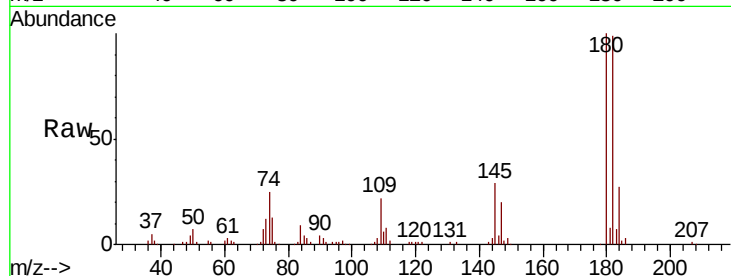




#93
 1,2,4-Trichlorobenzene
 Concen: 20.834 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

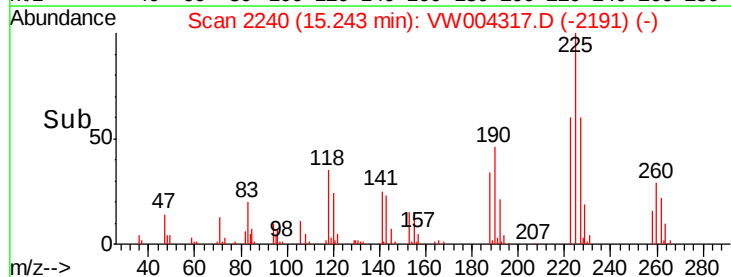
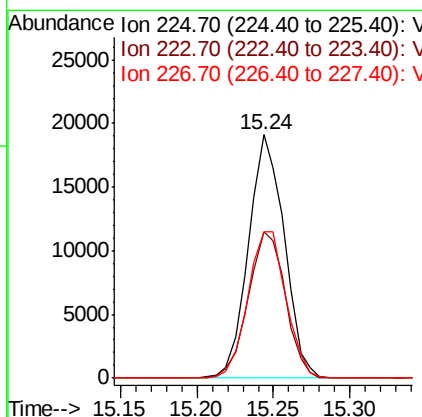
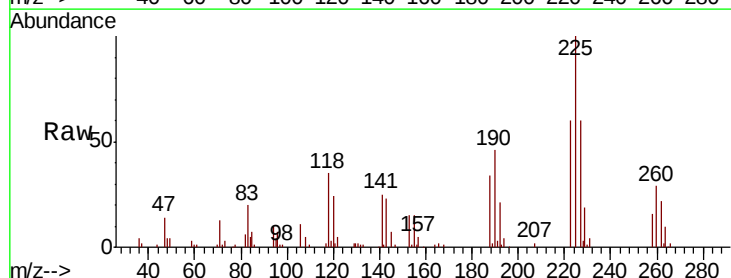
Instrument :
 MSVOA_W
 ClientSampleId :

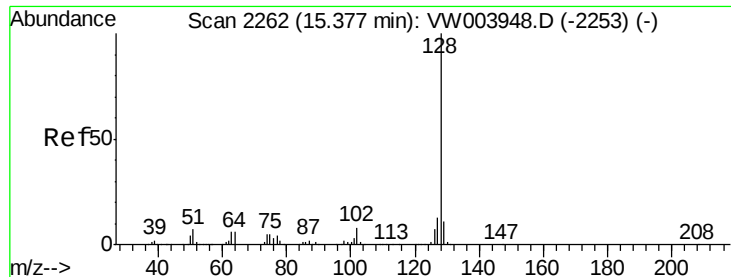
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.8
145	29.5	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 20.259 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004317.D
 Acq: 29 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.0	93.0
227	64.2	32.6	97.7

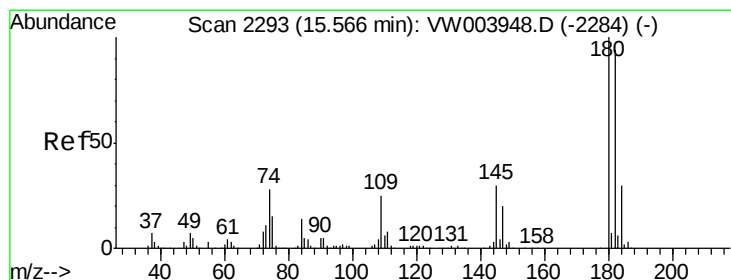
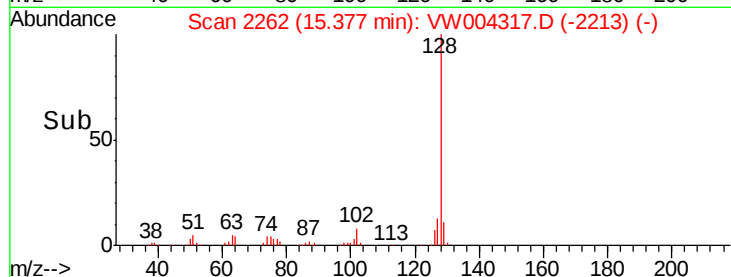
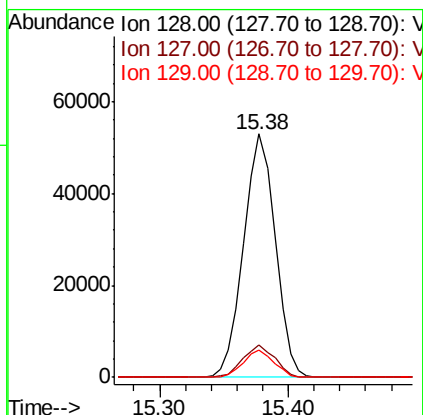
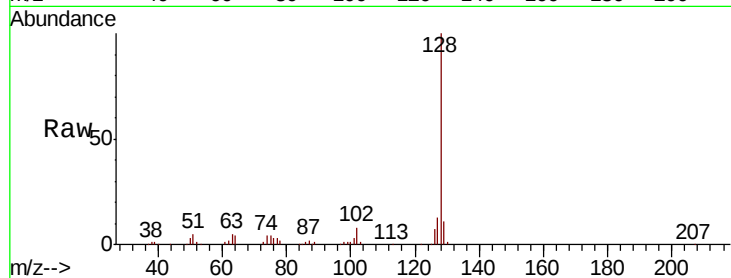




#95
Naphthalene
Concen: 20.814 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 90143
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.529 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004317.D
Acq: 29 Jul 2018 16:56

Tgt Ion:180 Resp: 45221
Ion Ratio Lower Upper
180 100
182 100.8 48.0 144.0
145 32.2 16.2 48.5

