

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007304.D
 Acq On : 07 Dec 2018 02:22
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 03:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73655	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	45777	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	7.88	113	44467	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	10.33	98	191978	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.62	95	69850	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	49410	44.091	ug/l	100
3) Chloromethane	2.21	50	62575	44.093	ug/l	99
4) Vinyl Chloride	2.35	62	43818	49.313	ug/l	100
5) Bromomethane	2.76	94	27830	62.503	ug/l	94
6) Chloroethane	2.92	64	25211	50.568	ug/l	98
7) Trichlorofluoromethane	3.26	101	81502	47.046	ug/l	99
8) Diethyl Ether	3.69	74	25685	53.191	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48869	46.698	ug/l	99
10) Methyl Iodide	4.28	142	41880	46.978	ug/l	100
11) Tert butyl alcohol	5.17	59	20754	226.195	ug/l	97
12) 1,1-Dichloroethene	4.04	96	46574	47.490	ug/l	98
13) Acrolein	3.90	56	15811	236.616	ug/l	98
14) Allyl chloride	4.67	41	76139	48.434	ug/l	98
15) Acrylonitrile	5.37	53	54398	269.471	ug/l	100
16) Acetone	4.13	43	47333	209.660	ug/l	97
17) Carbon Disulfide	4.38	76	152693	47.234	ug/l	98
18) Methyl Acetate	4.68	43	27103	52.594	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	123845	53.635	ug/l	99
20) Methylene Chloride	4.92	84	62632	55.682	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	54243	49.534	ug/l	97
22) Diisopropyl ether	6.32	45	153575	54.421	ug/l	97
23) Vinyl Acetate	6.26	43	410291	266.455	ug/l	98
24) 1,1-Dichloroethane	6.22	63	93199	51.527	ug/l	99
25) 2-Butanone	7.17	43	64688	247.181	ug/l	97
26) 2,2-Dichloropropane	7.17	77	79755	45.885	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60189	51.272	ug/l	100
28) Bromochloromethane	7.51	49	35309	54.139	ug/l	100
29) Tetrahydrofuran	7.53	42	42371	262.001	ug/l	98
30) Chloroform	7.68	83	98721	52.518	ug/l	100
31) Cyclohexane	7.96	56	87647	46.314	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91190	51.549	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79517	49.565	ug/l	99
37) Ethyl Acetate	7.26	43	28839	49.695	ug/l	98
38) Carbon Tetrachloride	8.07	117	78709	48.067	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102571	47.760	ug/l	99
40) Benzene	8.33	78	228009	51.829	ug/l	99
41) Methacrylonitrile	7.49	41	16460	47.354	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62176	50.571	ug/l	99
43) Isopropyl Acetate	8.43	43	59022	52.367	ug/l	99
44) Trichloroethene	9.10	130	63013	50.957	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53254	52.019	ug/l	99
46) Dibromomethane	9.46	93	27676	52.026	ug/l	95
47) Bromodichloromethane	9.65	83	70744	50.557	ug/l	98
48) Methyl methacrylate	9.44	41	31743	54.264	ug/l	99
49) 1,4-Dioxane	9.45	88	10771	1159.067	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	152140	273.911	ug/l	99
52) Toluene	10.39	92	153987	50.320	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	73761	52.431	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	84387	51.184	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37323	49.325	ug/l	92
56) Ethyl methacrylate	10.65	69	53474	54.177	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64858	50.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99555	251.113	ug/l	100
59) 2-Hexanone	10.97	43	104735	260.117	ug/l	97
60) Dibromochloromethane	11.13	129	47816	51.416	ug/l	96
61) 1,2-Dibromoethane	11.24	107	38776	53.428	ug/l	96
64) Tetrachloroethene	10.87	164	59106	55.637	ug/l	97
65) Chlorobenzene	11.66	112	175719	54.110	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	53782	53.625	ug/l	96
67) Ethyl Benzene	11.73	91	311187	52.576	ug/l	91
68) m/p-Xylenes	11.84	106	231700	99.787	ug/l	93
69) o-Xylene	12.17	106	115696	53.331	ug/l	98
70) Styrene	12.18	104	188420	53.058	ug/l	99
71) Bromoform	12.35	173	26657	53.096	ug/l #	99
73) Isopropylbenzene	12.47	105	299430	49.983	ug/l	98
74) N-amyl acetate	12.27	43	59200	55.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43807	56.306	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	58338	102.290	ug/l #	100
77) Bromobenzene	12.75	156	69471	53.725	ug/l	95
78) n-propylbenzene	12.81	91	356925	50.010	ug/l	97
79) 2-Chlorotoluene	12.90	91	200992	49.870	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	250854	48.949	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13292	50.233	ug/l	97
82) 4-Chlorotoluene	12.99	91	224243	52.300	ug/l	96
83) tert-Butylbenzene	13.21	119	229869	51.326	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	256188	48.972	ug/l	93
85) sec-Butylbenzene	13.39	105	311569	48.731	ug/l	99
86) p-Isopropyltoluene	13.51	119	284325	49.955	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	136397	51.383	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	132917	49.571	ug/l	98
89) n-Butylbenzene	13.83	91	261990	49.259	ug/l	98
90) Hexachloroethane	14.10	117	43915	50.632	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	121664	52.943	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8179	54.268	ug/l	98

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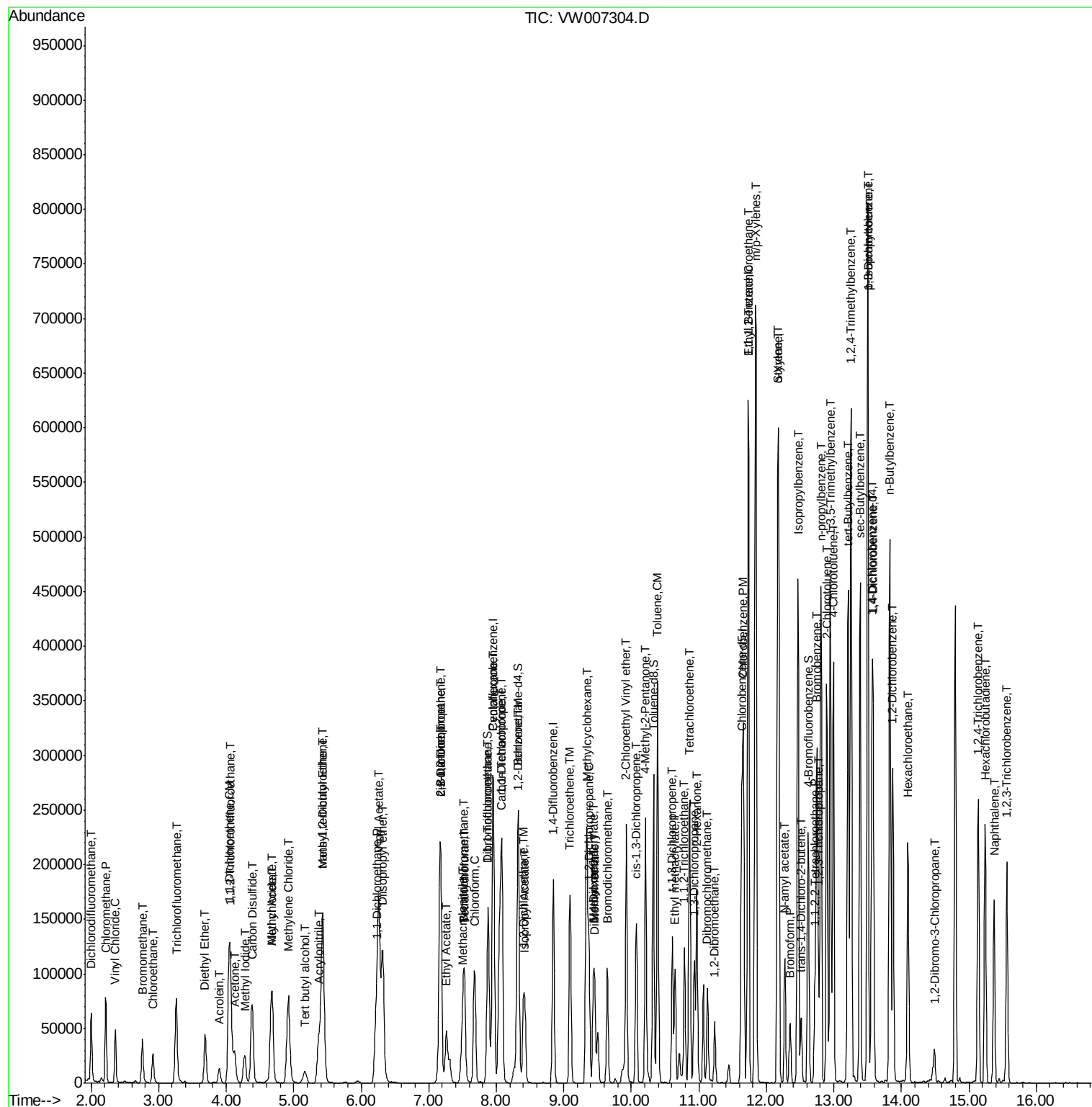
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82239	51.639	ug/l	99
94) Hexachlorobutadiene	15.24	225	42694	49.714	ug/l	98
95) Naphthalene	15.38	128	150082	52.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70153	52.241	ug/l	99

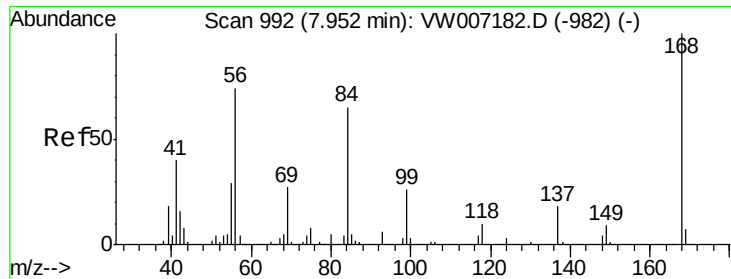
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

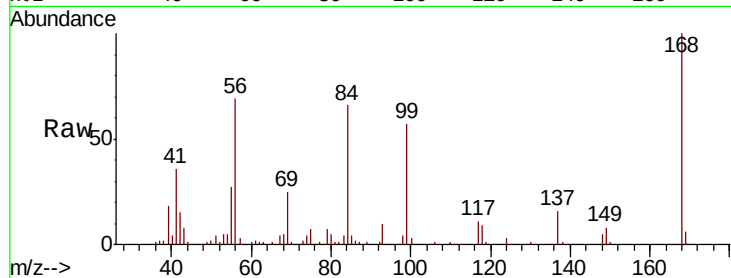
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 102428

Ion Ratio Lower Upper

168 100

99 57.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007304.D (-943) (-)

7.95

50000

40000

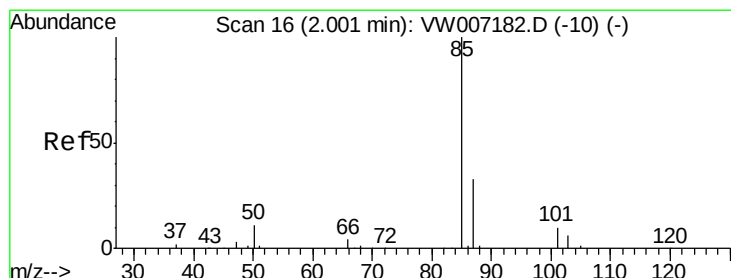
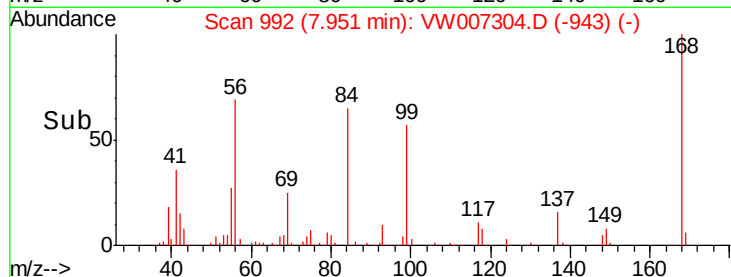
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 44.091 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007304.D

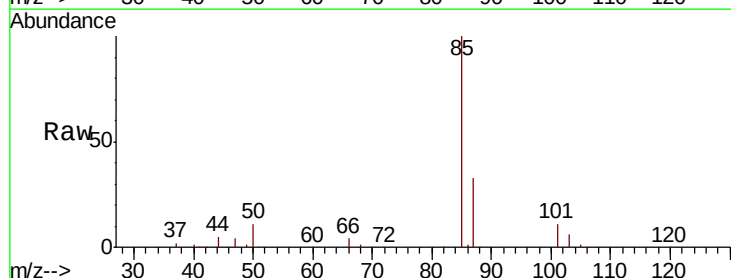
Acq: 07 Dec 2018 02:22

Tgt Ion: 85 Resp: 49410

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW007182.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007304.D (-1) (-)

2.00

40000

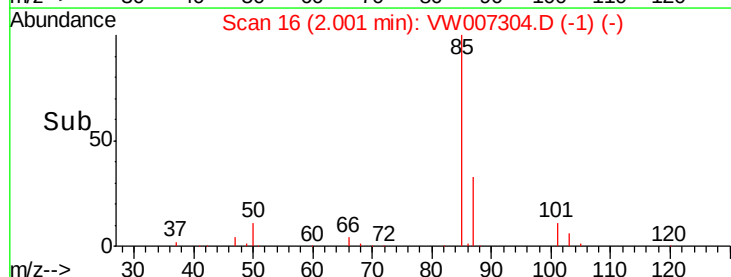
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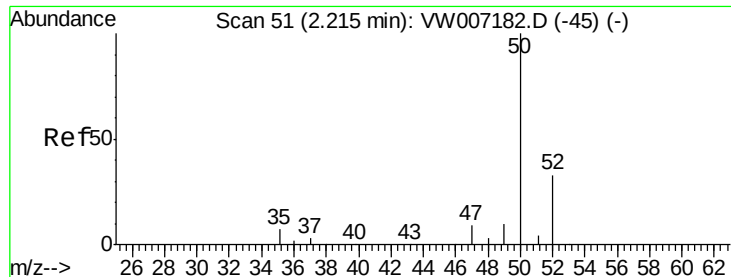
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 44.093 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

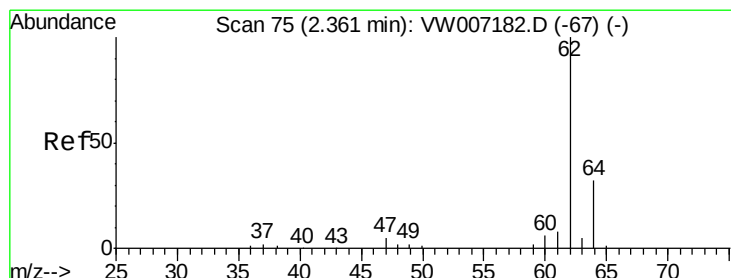
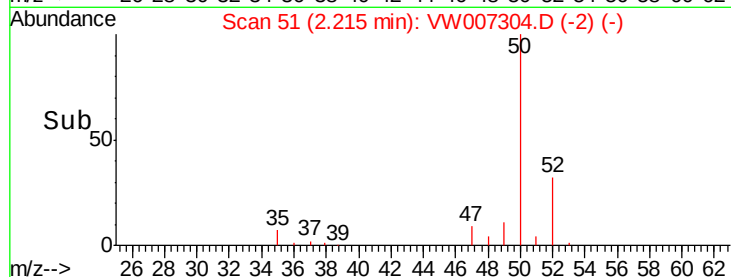
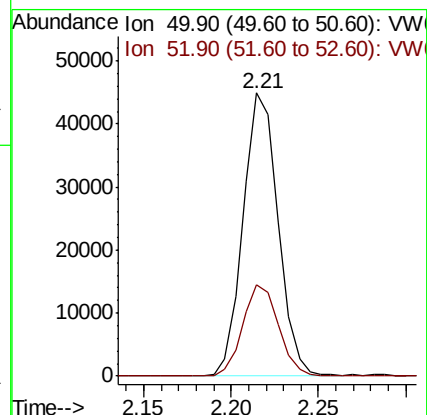
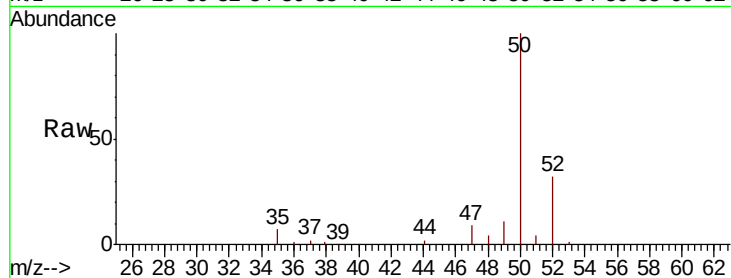
ClientSampled :

Tot Ion: 50 Resp: 62575

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 49.313 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007304.D

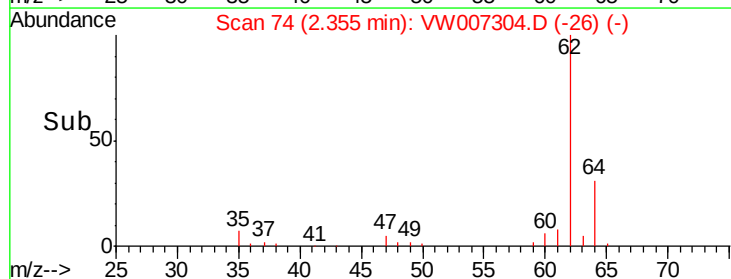
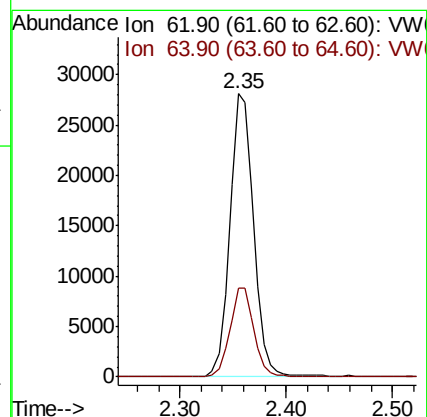
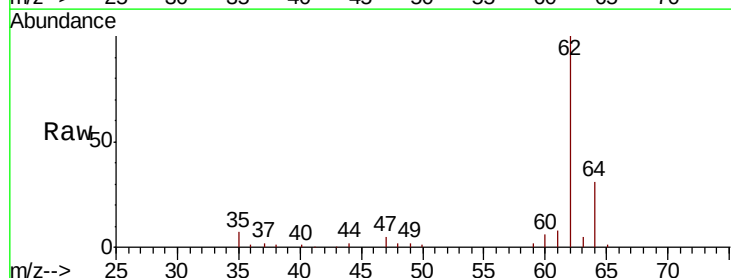
Acq: 07 Dec 2018 02:22

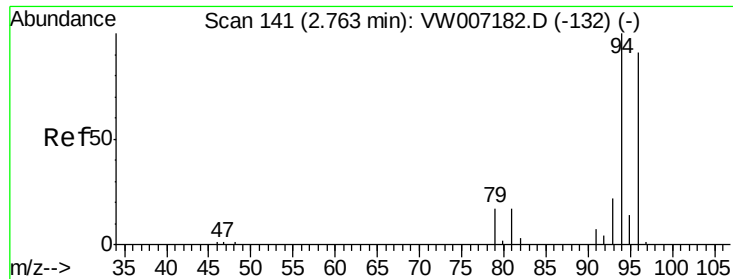
Tgt Ion: 62 Resp: 43818

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 62.503 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

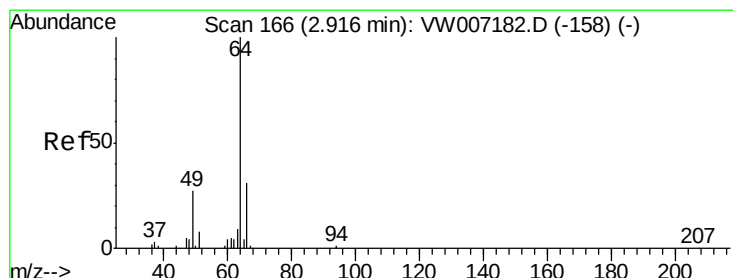
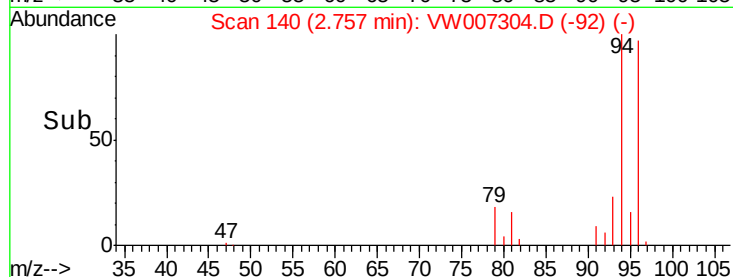
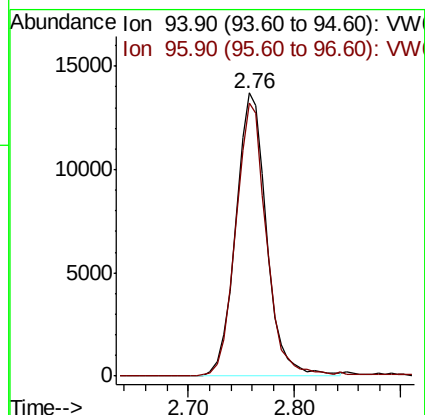
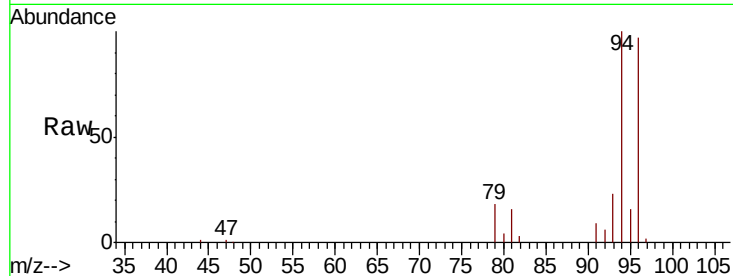
ClientSampled :

Tot Ion: 94 Resp: 27830

Ion Ratio Lower Upper

94 100

96 96.6 72.8 109.2



#6

Chloroethane

Concen: 50.568 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007304.D

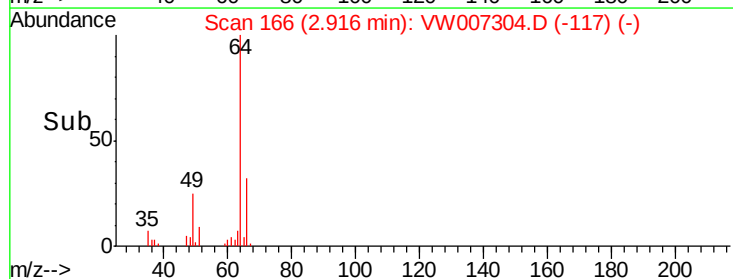
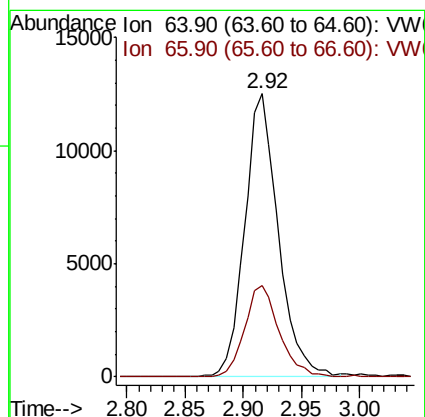
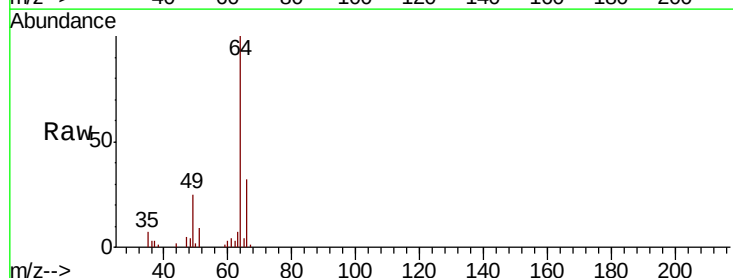
Acq: 07 Dec 2018 02:22

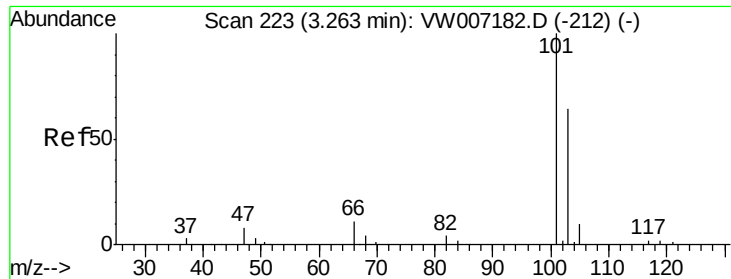
Tgt Ion: 64 Resp: 25211

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



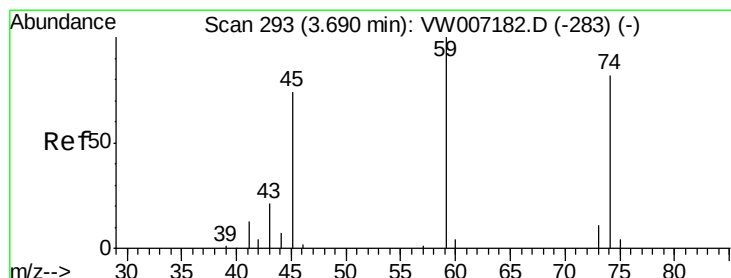
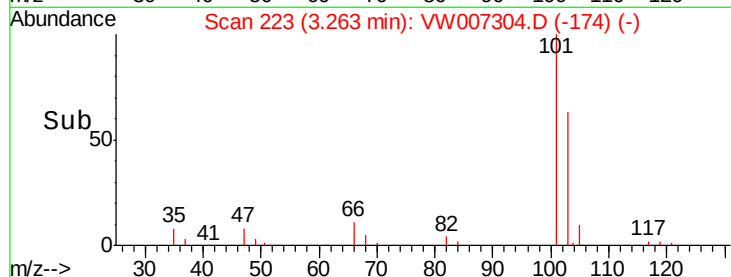
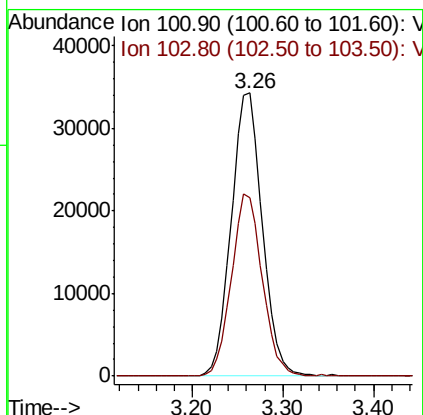
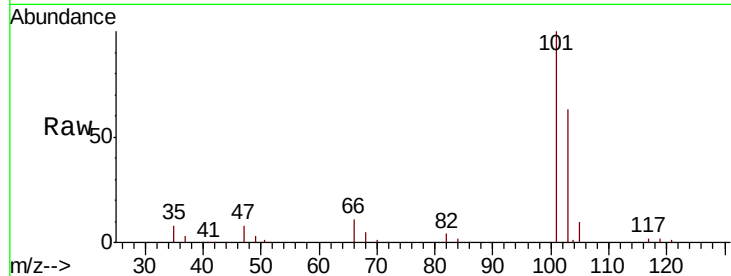


#7

Trichlorofluoromethane
 Concen: 47.046 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Instrument :
 MSVOA_W
 ClientSampleId :

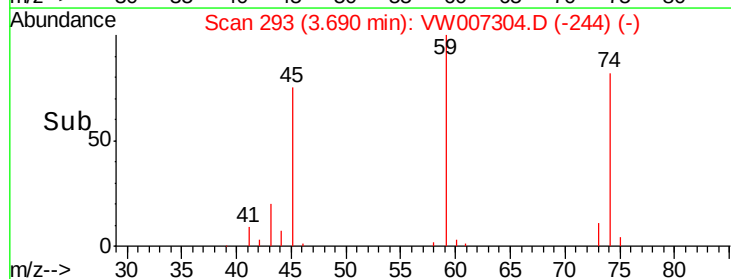
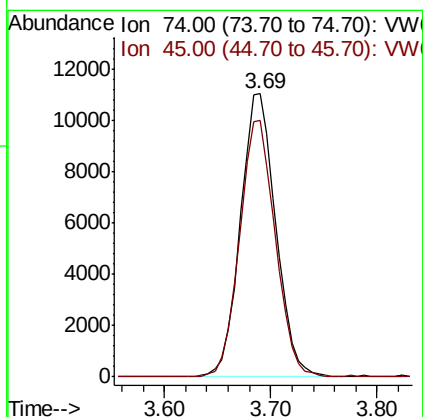
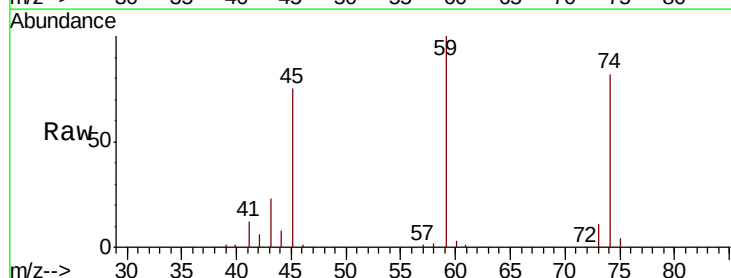
Tot Ion:101 Resp: 81502
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.9 76.3

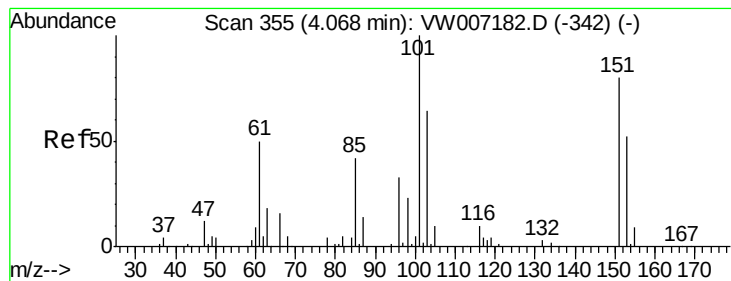


#8

Diethyl Ether
 Concen: 53.191 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 74 Resp: 25685
 Ion Ratio Lower Upper
 74 100
 45 91.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.698 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

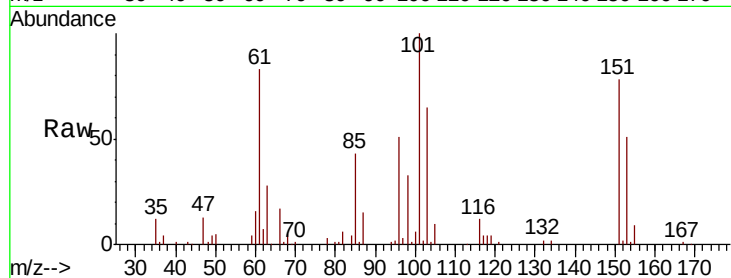
Tot Ion:101 Resp: 48869

Ion Ratio Lower Upper

101 100

85 43.3 33.4 50.2

151 80.6 63.9 95.9

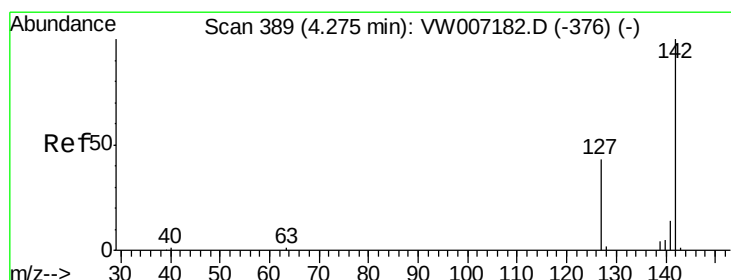
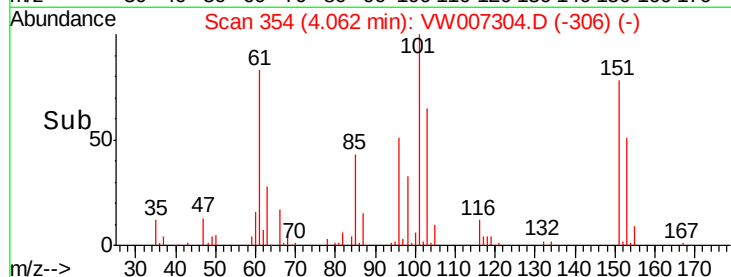
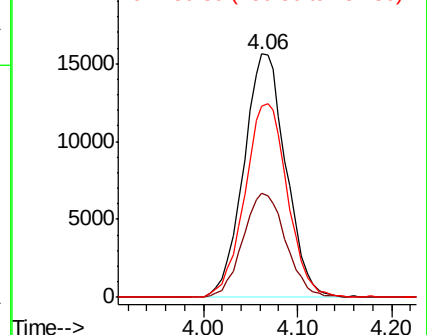


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.978 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

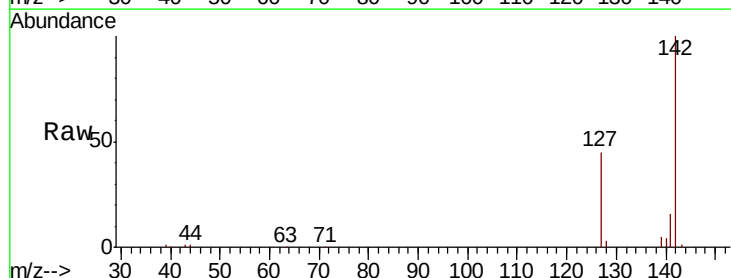
Tgt Ion:142 Resp: 41880

Ion Ratio Lower Upper

142 100

127 43.2 34.9 52.3

141 14.5 11.7 17.5

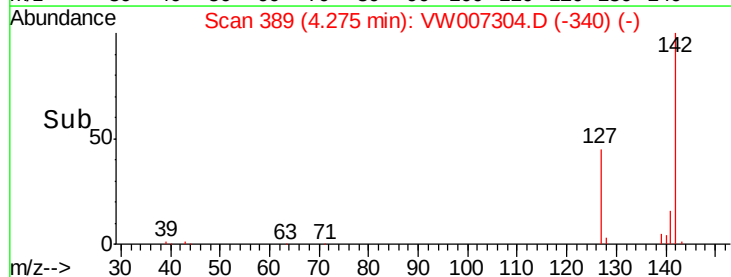
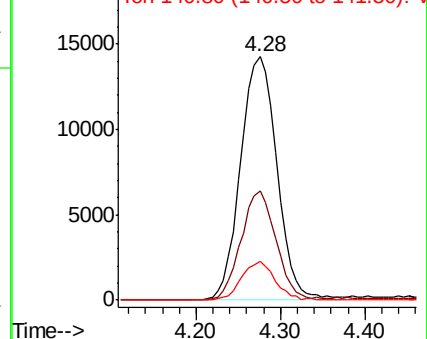


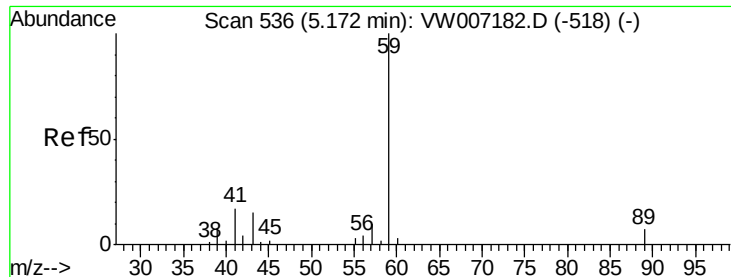
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

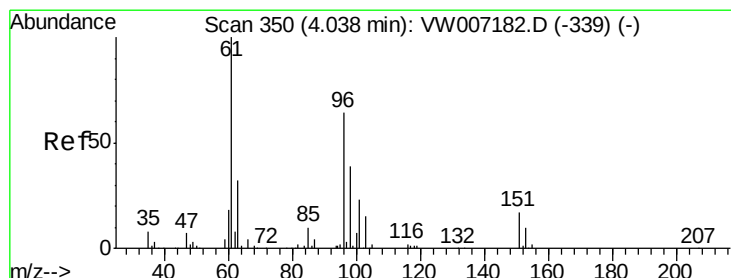
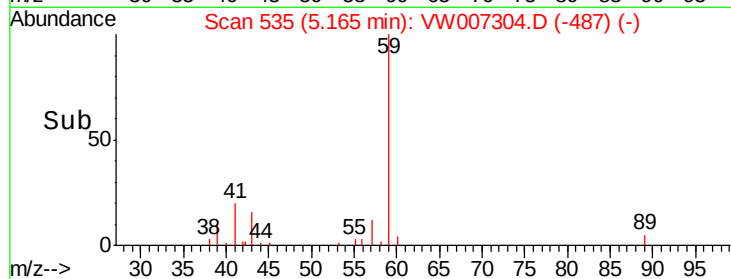
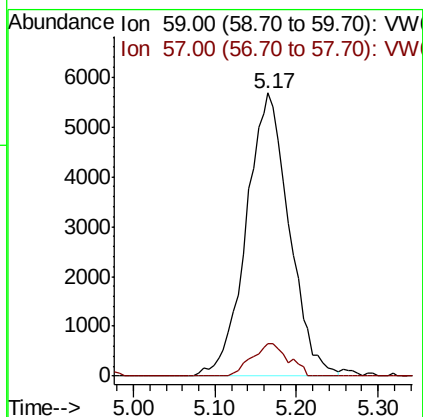
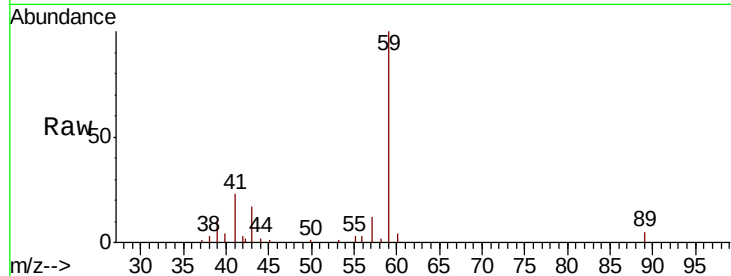




#11
Tert butyl alcohol
Concen: 226.195 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

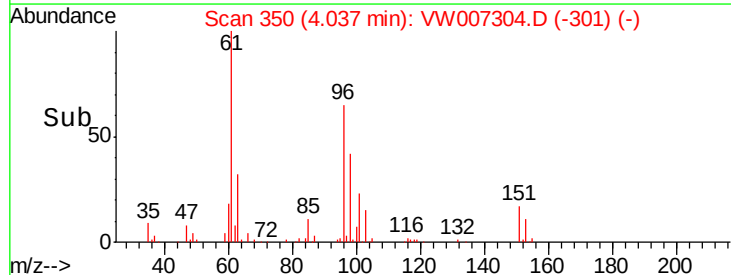
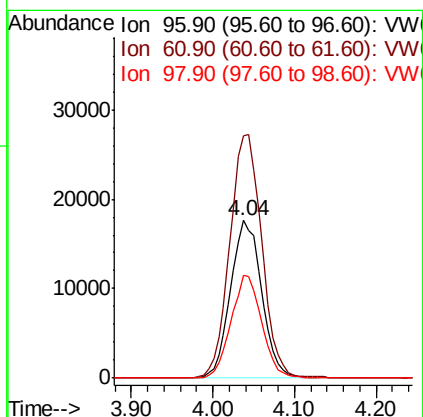
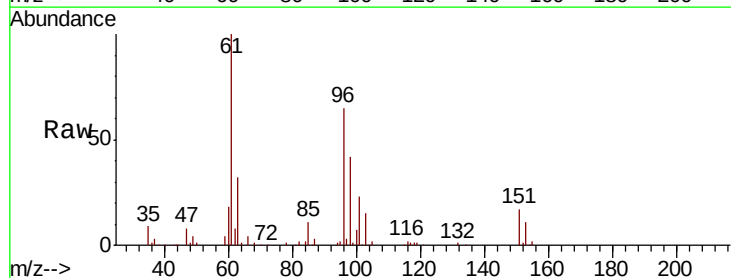
Instrument :
MSVOA_W
ClientSampled :

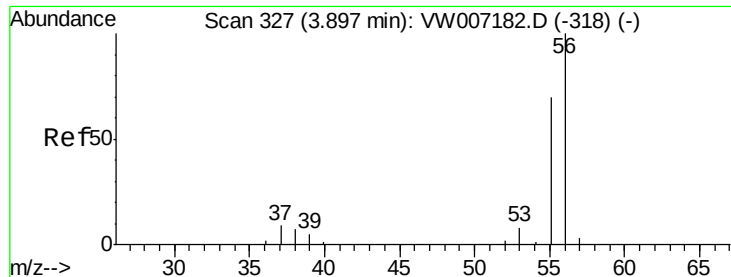
Tot Ion: 59 Resp: 20754
Ion Ratio Lower Upper
59 100
57 9.8 7.1 10.7



#12
1,1-Dichloroethene
Concen: 47.490 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 96 Resp: 46574
Ion Ratio Lower Upper
96 100
61 153.6 124.1 186.1
98 64.9 48.6 72.8





#13

Acrolein

Concen: 236.616 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

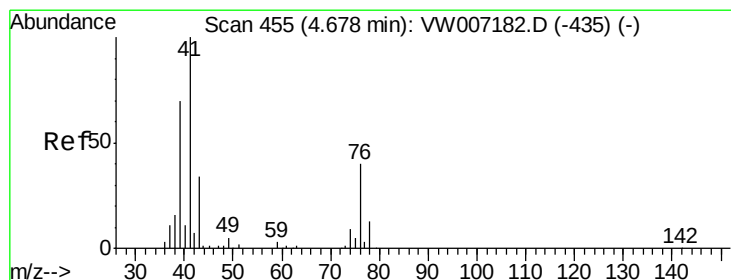
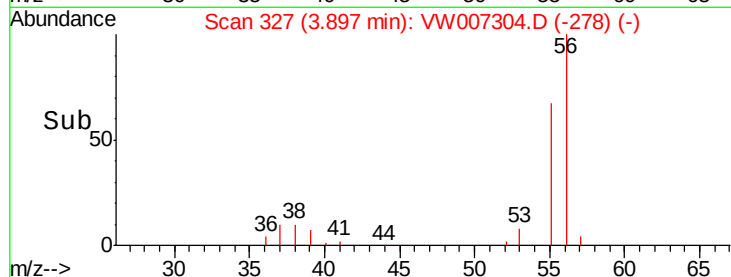
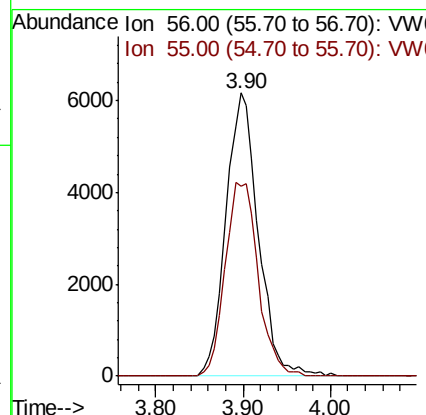
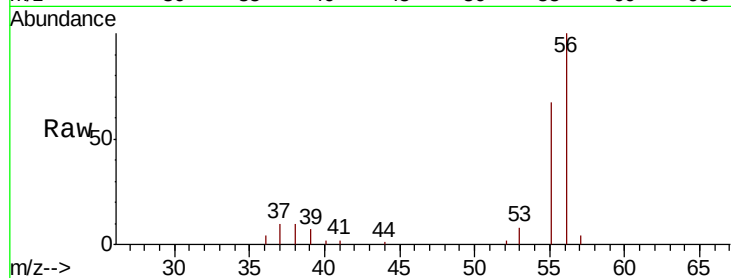
ClientSampleId :

Tot Ion: 56 Resp: 15811

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



#14

Allyl chloride

Concen: 48.434 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

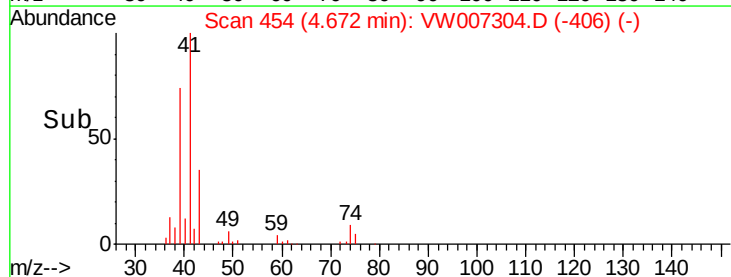
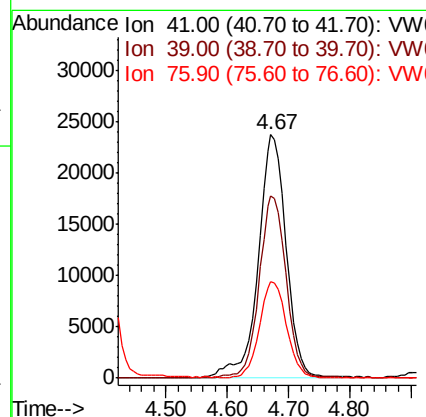
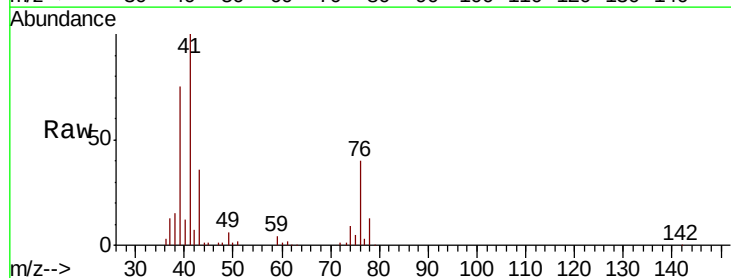
Tgt Ion: 41 Resp: 76139

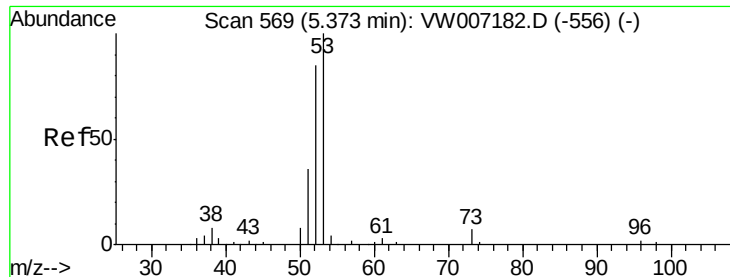
Ion Ratio Lower Upper

41 100

39 72.6 55.9 83.9

76 38.4 30.8 46.2





#15

Acrylonitrile

Concen: 269.471 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

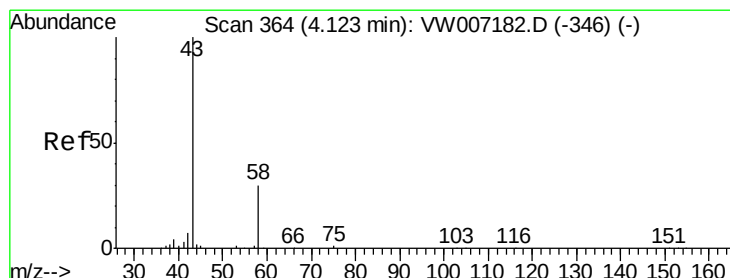
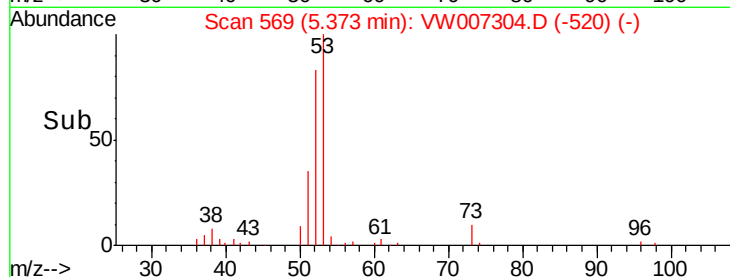
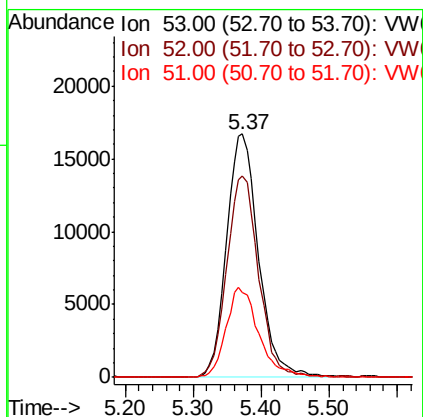
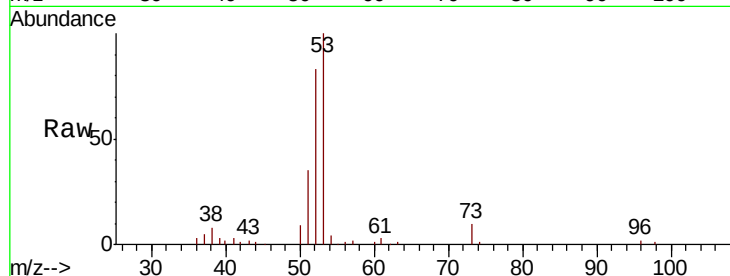
Tot Ion: 53 Resp: 54398

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 37.9 30.3 45.5



#16

Acetone

Concen: 209.660 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007304.D

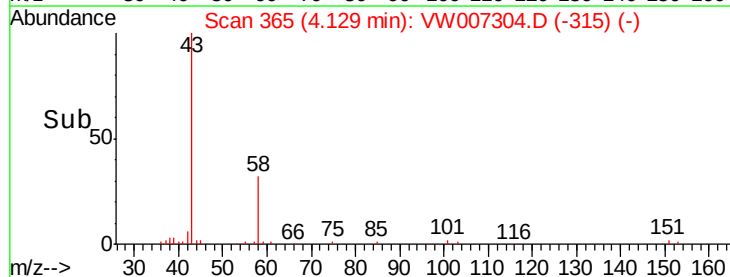
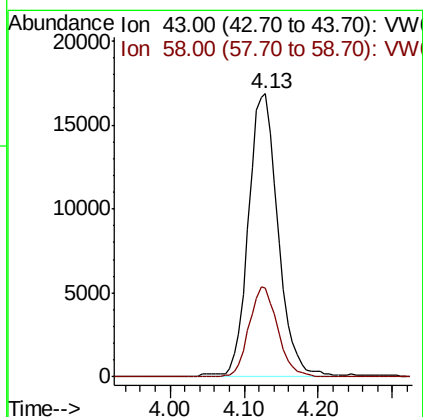
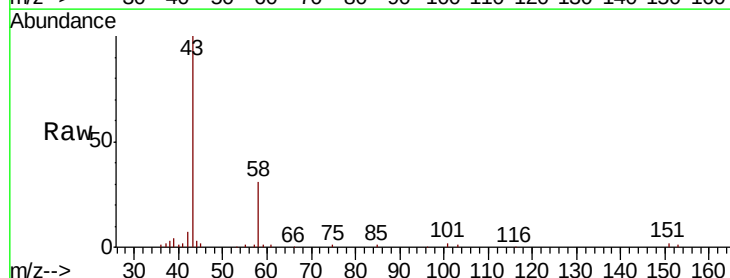
Acq: 07 Dec 2018 02:22

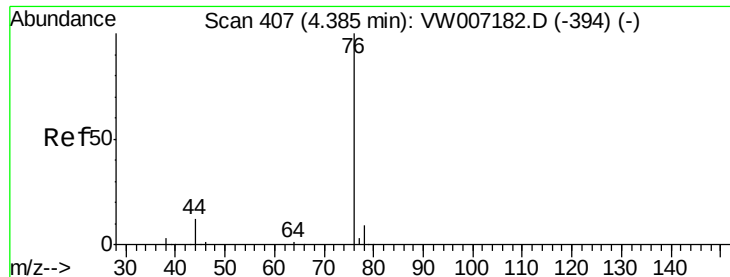
Tgt Ion: 43 Resp: 47333

Ion Ratio Lower Upper

43 100

58 31.3 23.8 35.8

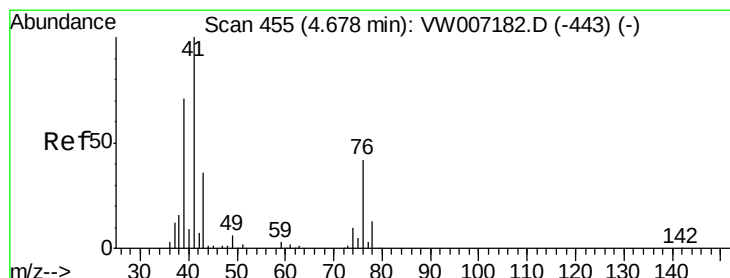
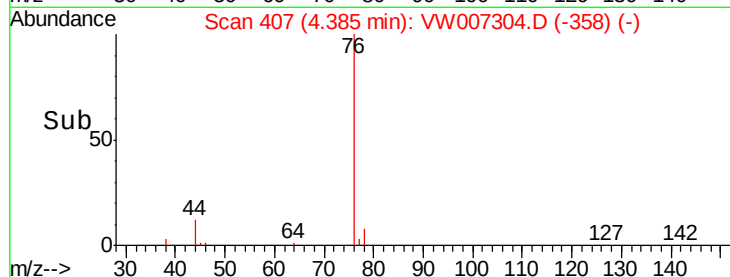
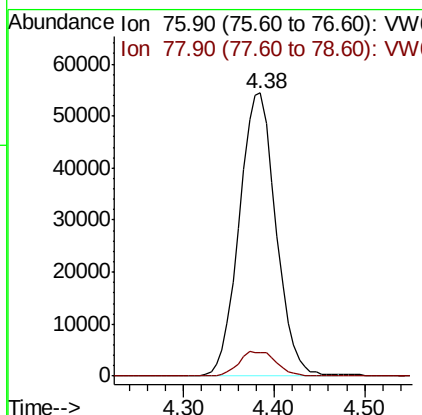
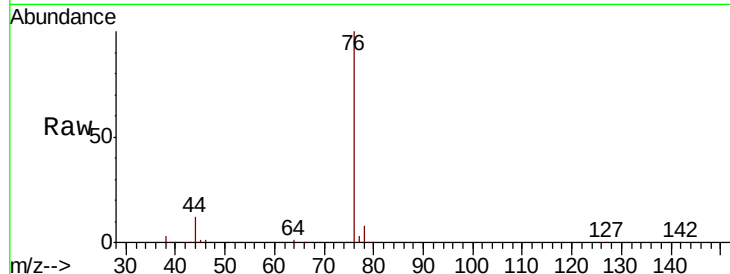




#17
Carbon Disulfide
Concen: 47.234 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

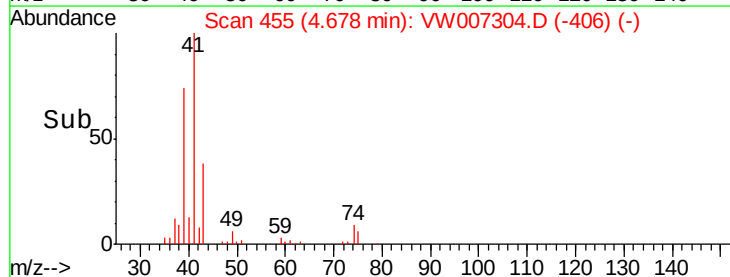
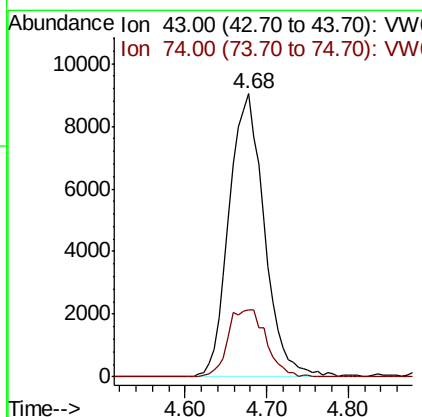
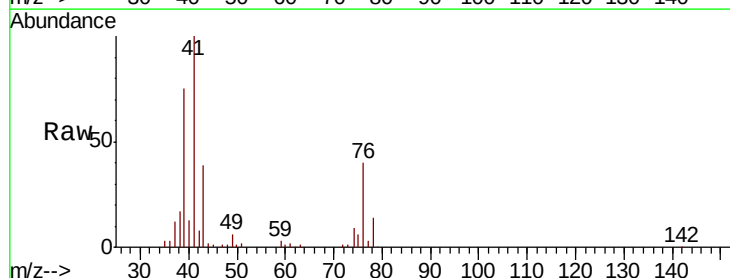
Instrument :
MSVOA_W
ClientSampled :

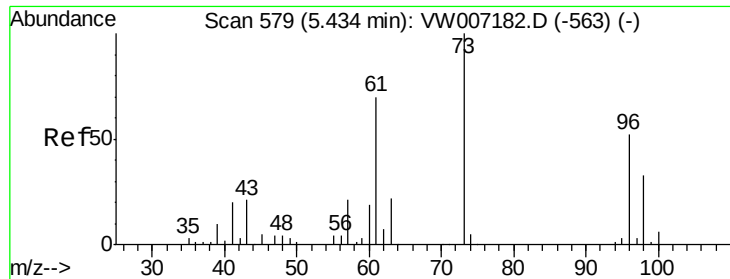
Tot Ion: 76 Resp: 152693
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 52.594 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 43 Resp: 27103
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1

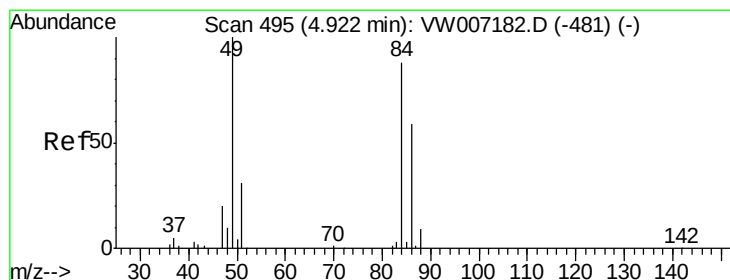
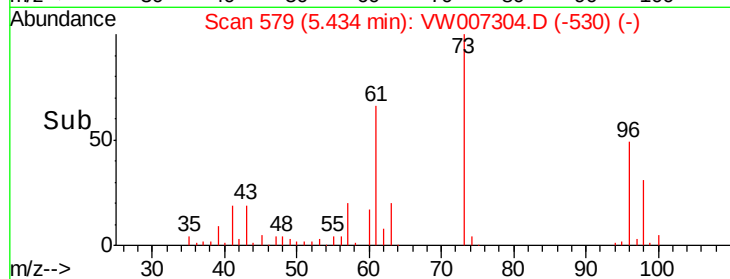
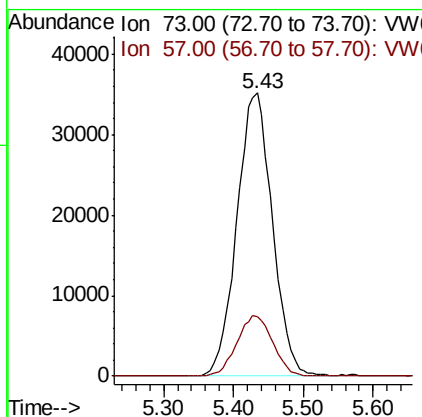
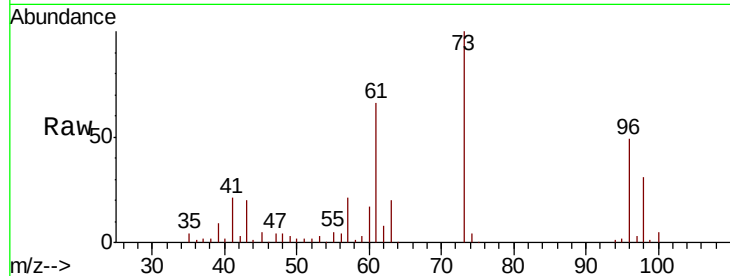




#19
Methyl tert-butyl Ether
Concen: 53.635 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

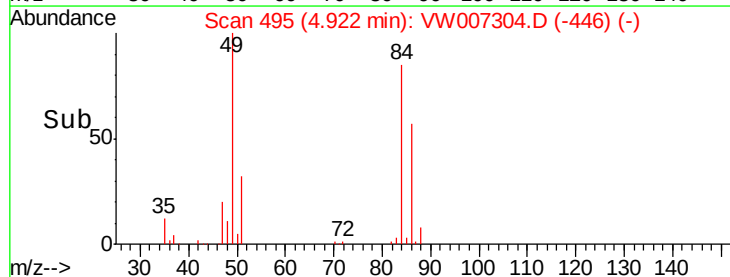
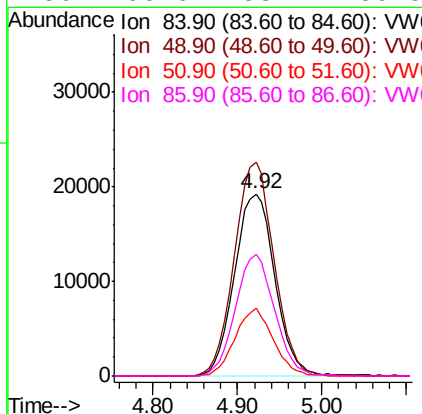
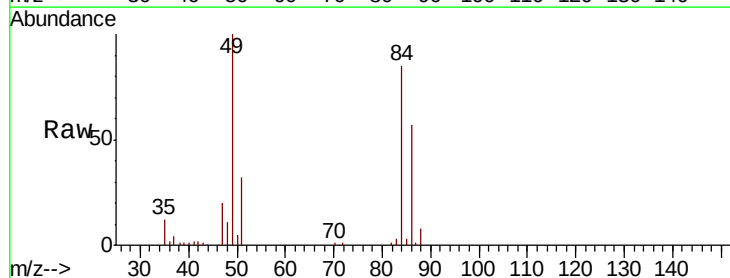
Instrument :
MSVOA_W
ClientSampleId :

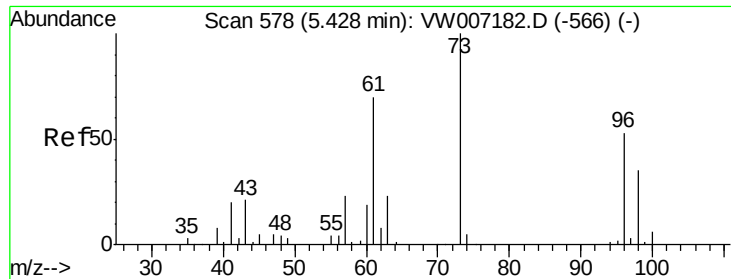
Tot Ion: 73 Resp: 123845
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 55.682 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 84 Resp: 62632
Ion Ratio Lower Upper
84 100
49 117.4 90.6 135.8
51 37.4 27.6 41.4
86 66.6 53.7 80.5

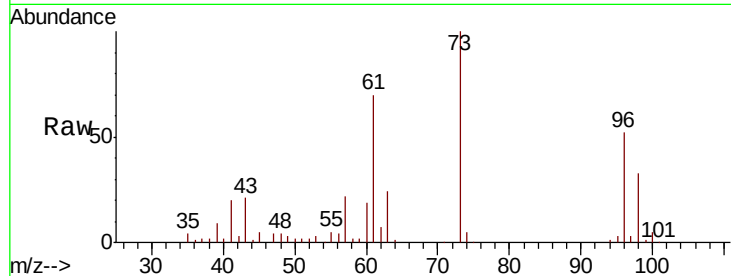




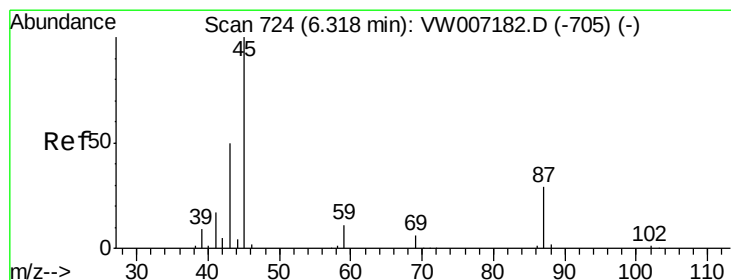
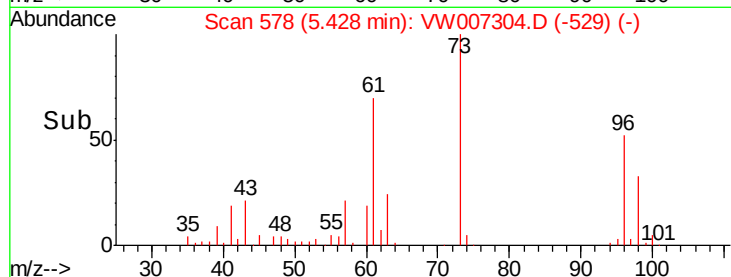
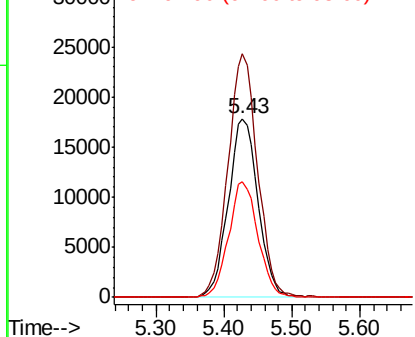
#21
trans-1,2-Dichloroethene
Concen: 49.534 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 54243
Ion Ratio Lower Upper
96 100
61 136.1 105.5 158.3
98 64.3 52.6 79.0

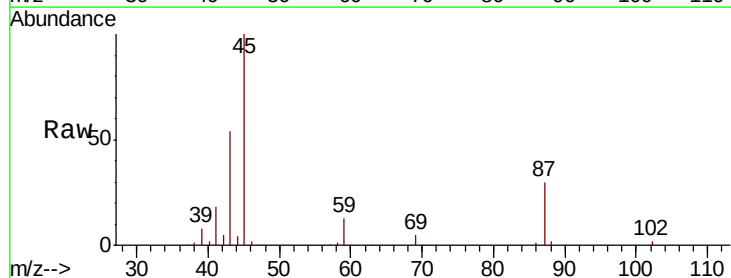


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

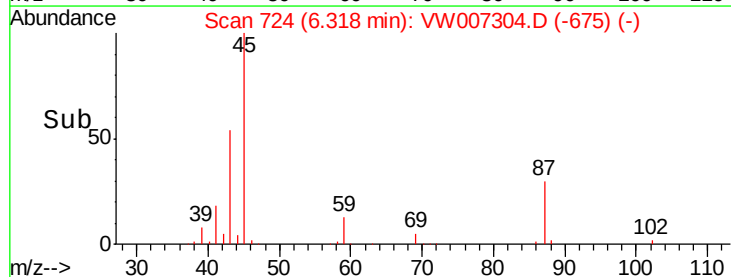
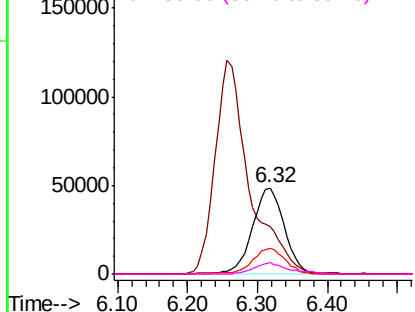


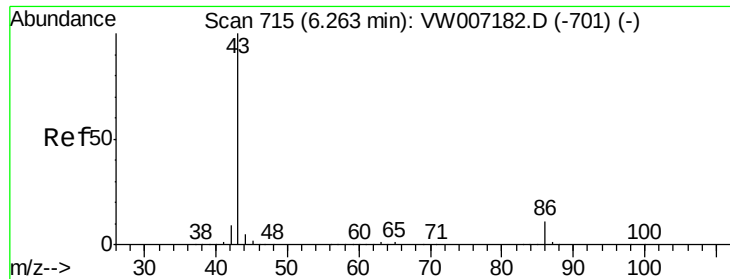
#22
Diisopropyl ether
Concen: 54.421 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 45 Resp: 153575
Ion Ratio Lower Upper
45 100
43 53.5 40.8 61.2
87 30.3 24.0 36.0
59 12.8 9.1 13.7



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: 266.455 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

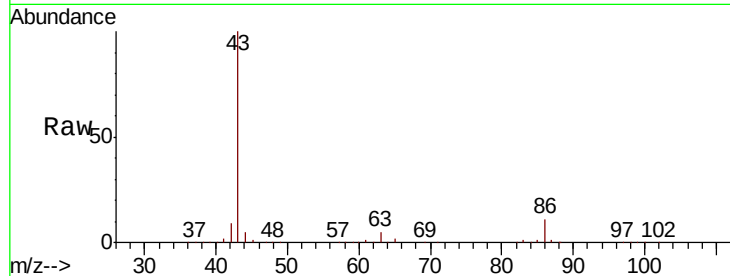
ClientSampled :

Tot Ion: 43 Resp: 410291

Ion Ratio Lower Upper

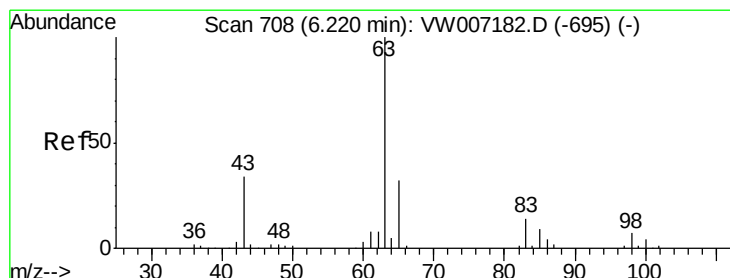
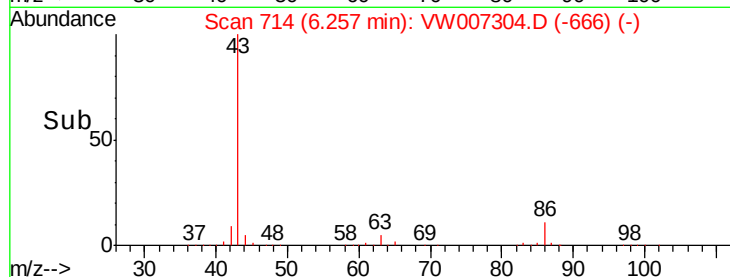
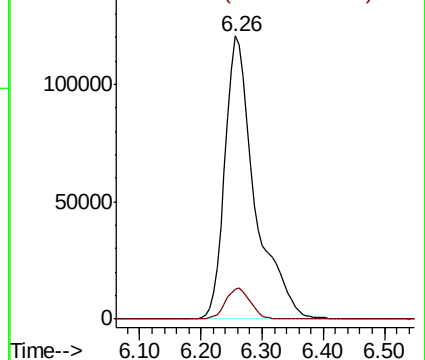
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.527 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

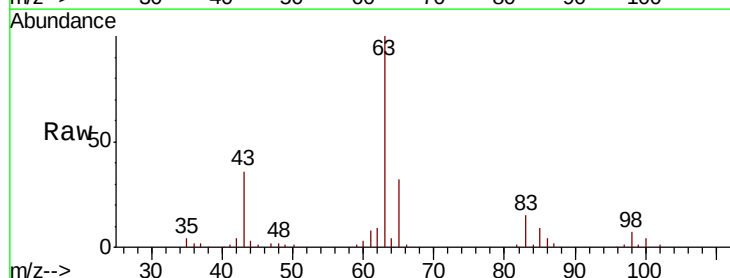
Tgt Ion: 63 Resp: 93199

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

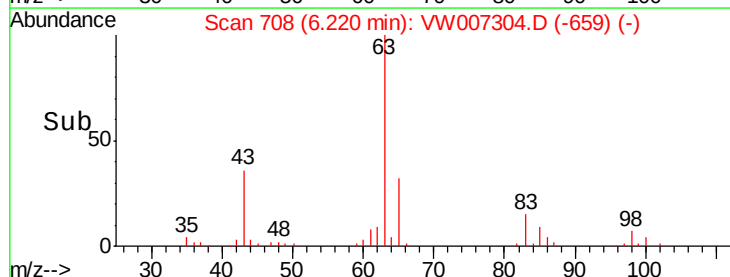
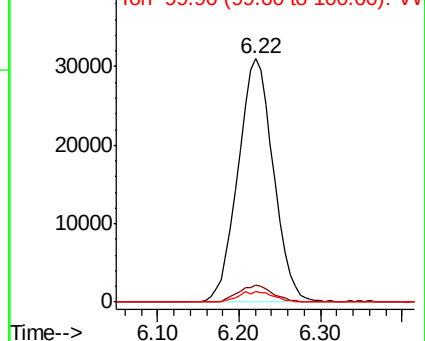
100 4.2 2.1 6.2

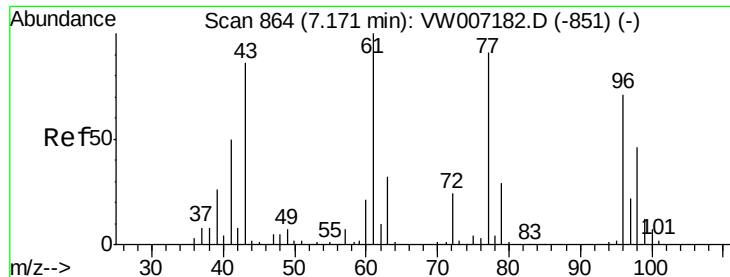


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 247.181 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

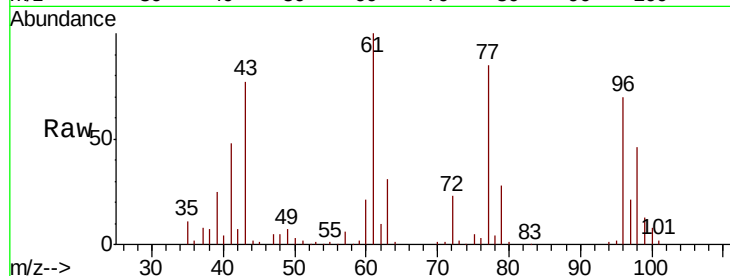
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 64688

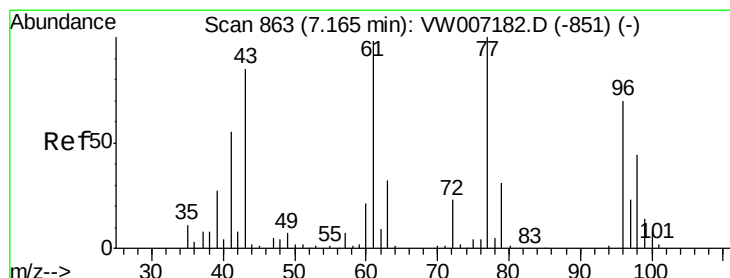
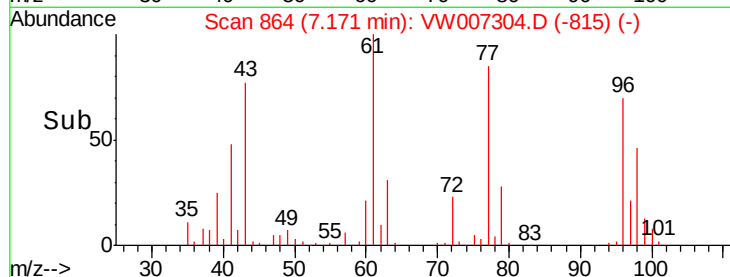
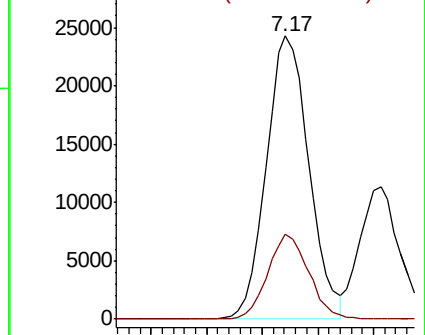
Ion Ratio Lower Upper

43 100

72 30.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 45.885 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007304.D

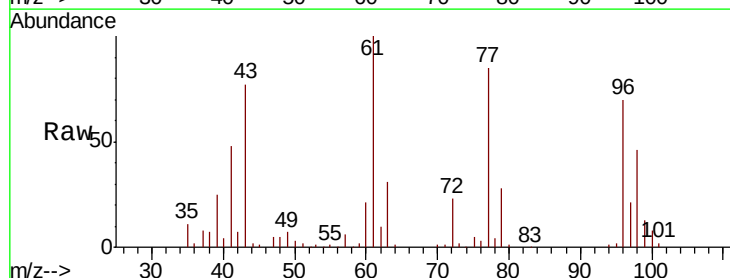
Acq: 07 Dec 2018 02:22

Tgt Ion: 77 Resp: 79755

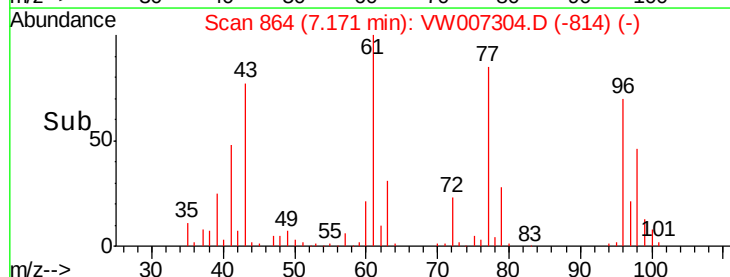
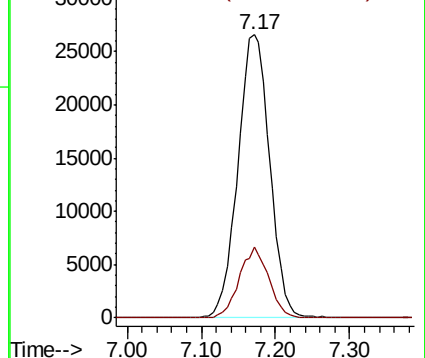
Ion Ratio Lower Upper

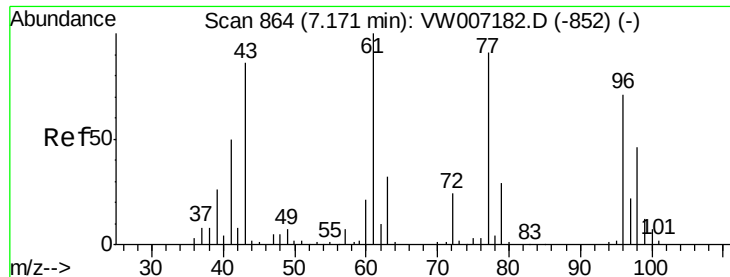
77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



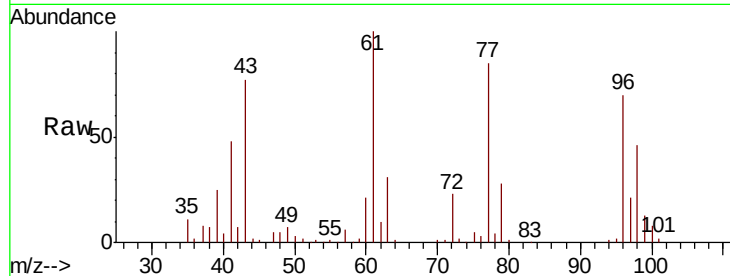


#27

cis-1,2-Dichloroethene
Concen: 51.272 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	96	Resp	60189
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	282.4
98	65.2	0.0	129.8

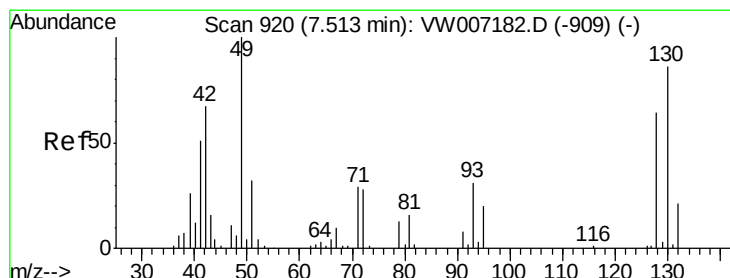
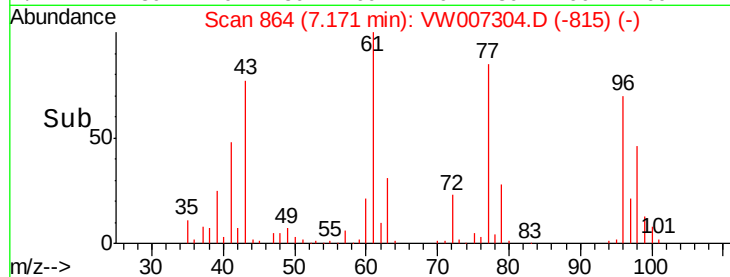
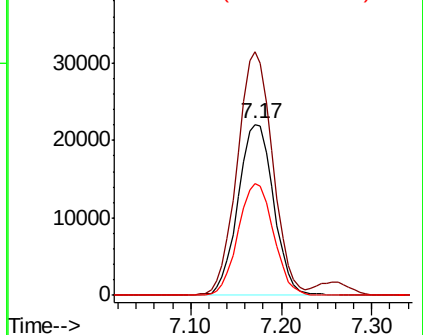


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

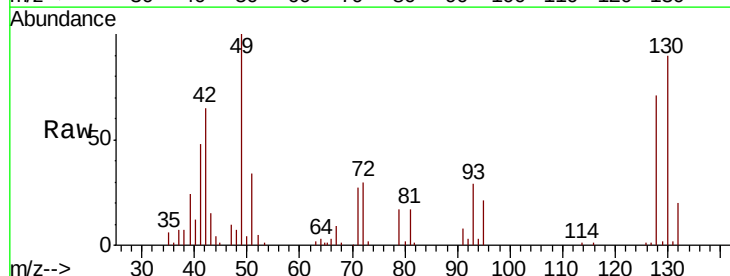
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 54.139 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion	49	Resp	35309
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	87.9	70.3	105.5

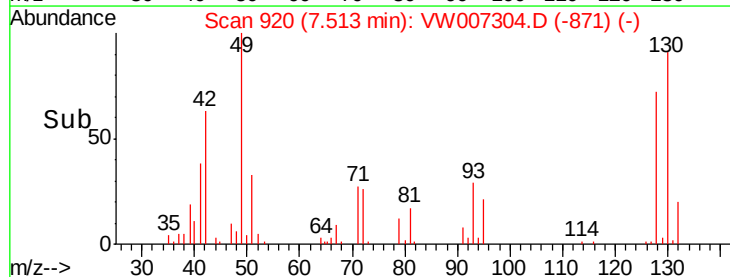
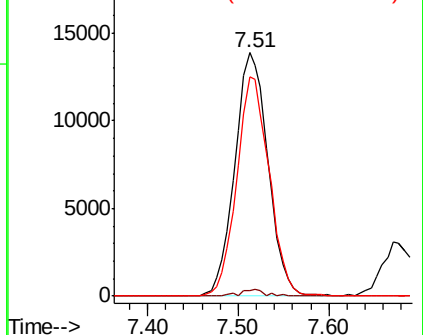


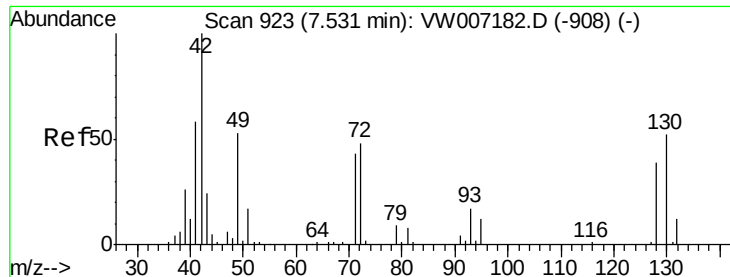
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

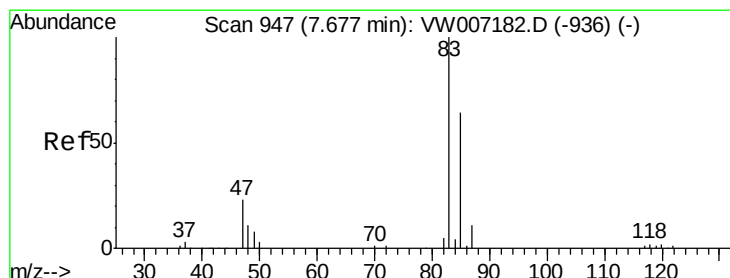
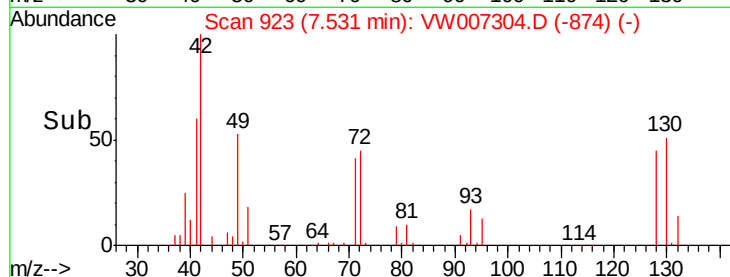
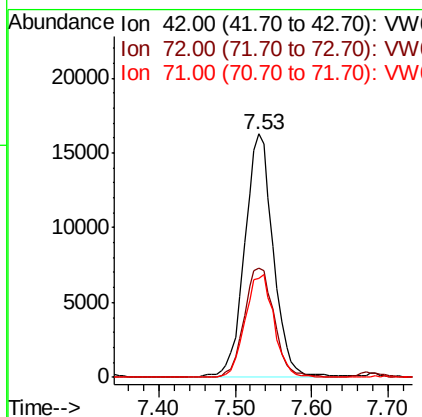
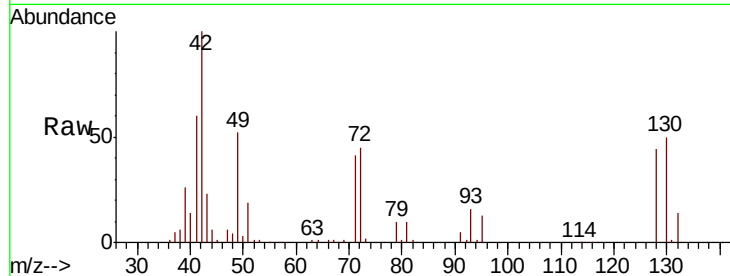




#29
Tetrahydrofuran
Concen: 262.001 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

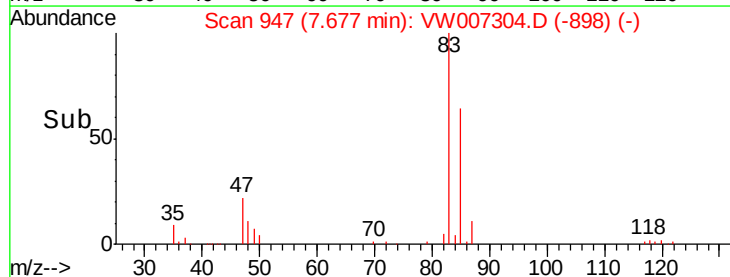
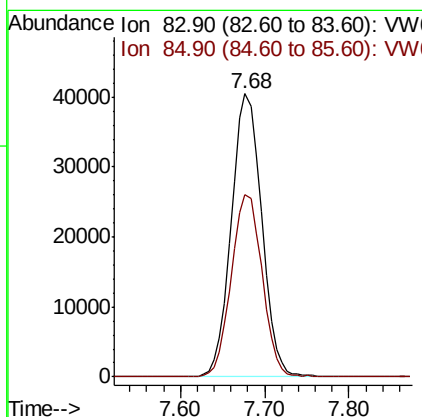
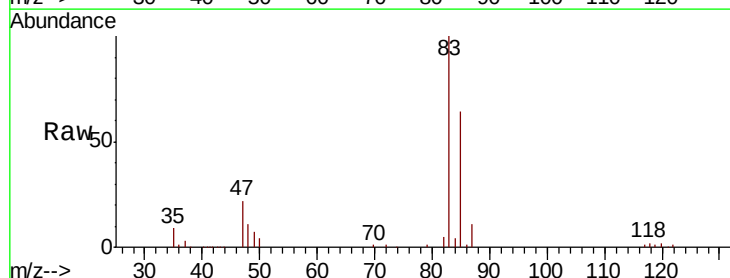
Instrument :
MSVOA_W
ClientSampleId :

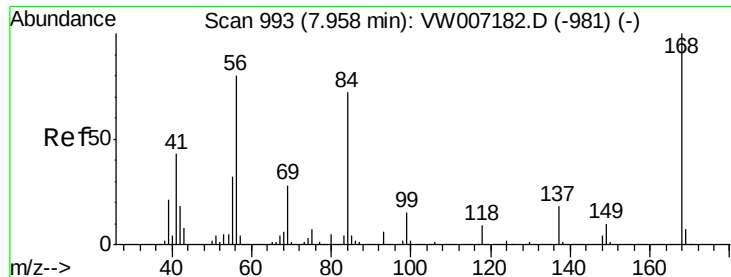
Tot Ion: 42 Resp: 42371
Ion Ratio Lower Upper
42 100
72 47.1 36.6 55.0
71 42.5 34.8 52.2



#30
Chloroform
Concen: 52.518 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 83 Resp: 98721
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3

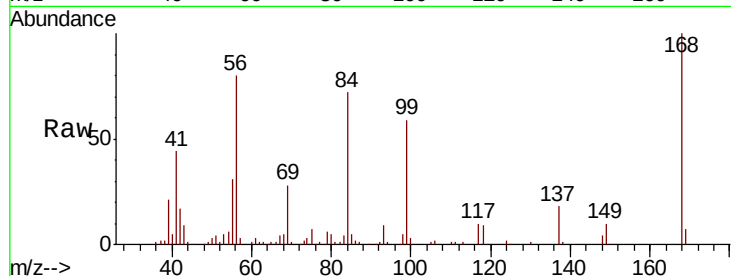




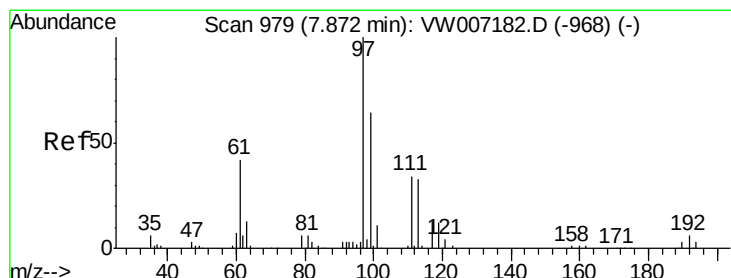
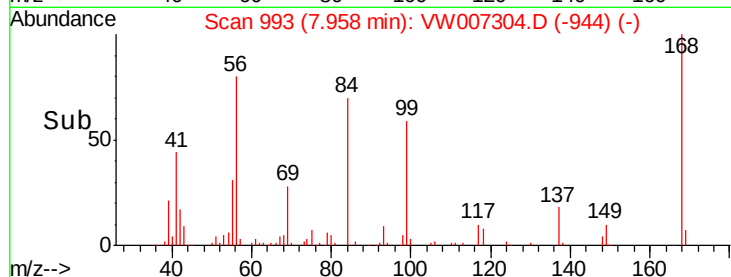
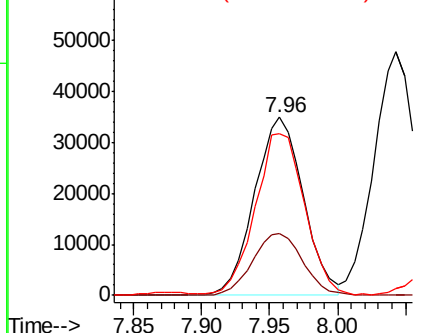
#31
Cyclohexane
Concen: 46.314 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 87647
Ion Ratio Lower Upper
56 100
69 34.8 28.2 42.2
84 89.5 72.1 108.1

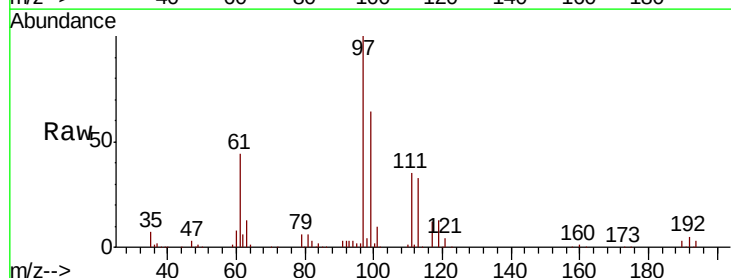


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

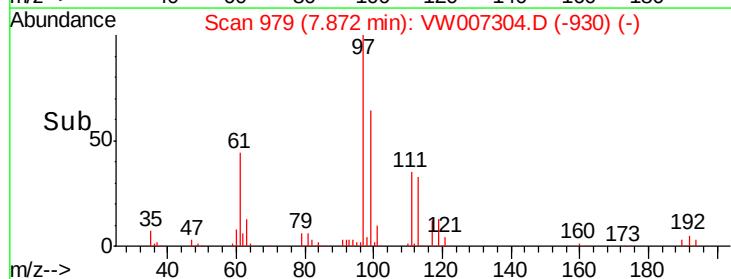
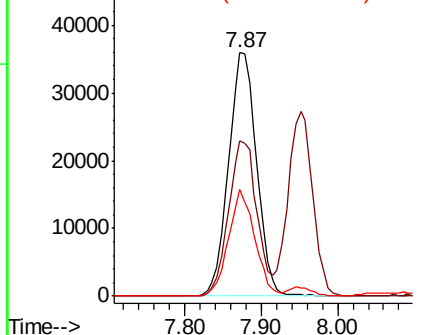


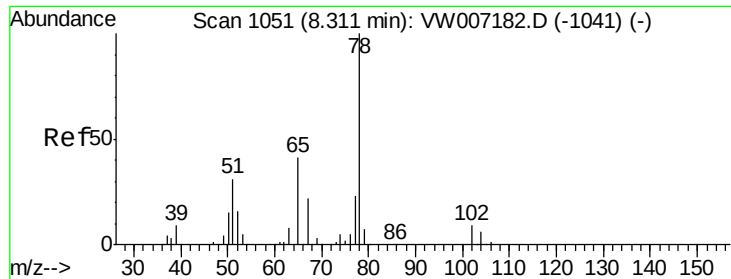
#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 97 Resp: 91190
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 41.2 33.2 49.8



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

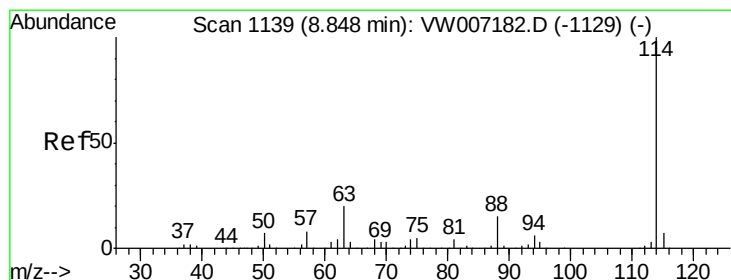
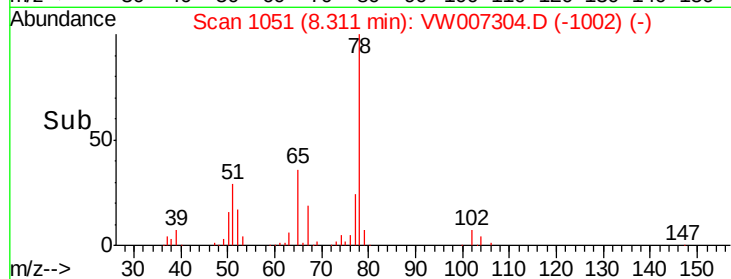
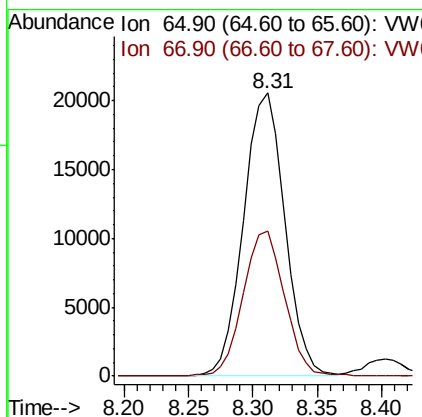
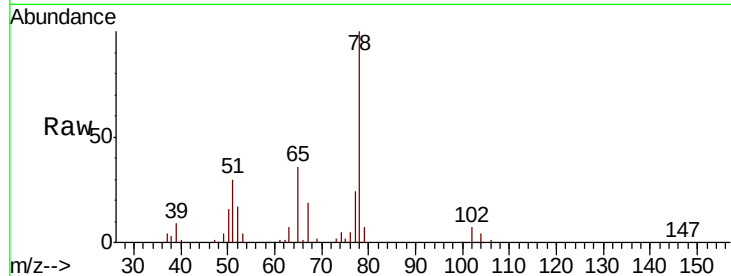




#33
 1,2-Dichloroethane-d4
 Concen: 48.002 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

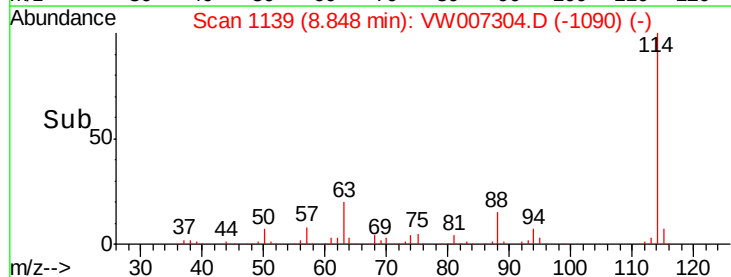
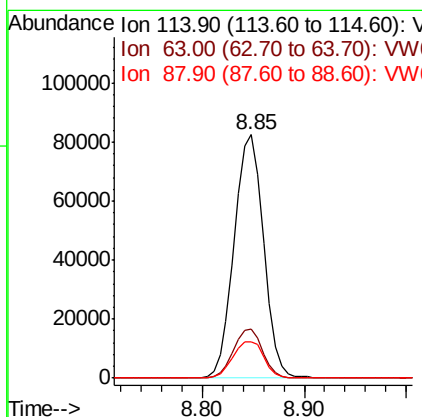
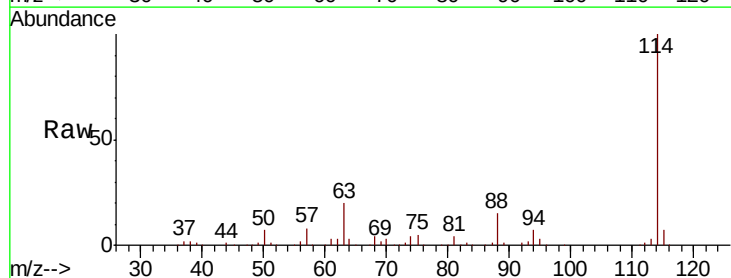
Instrument :
 MSVOA_W
 ClientSampleId :

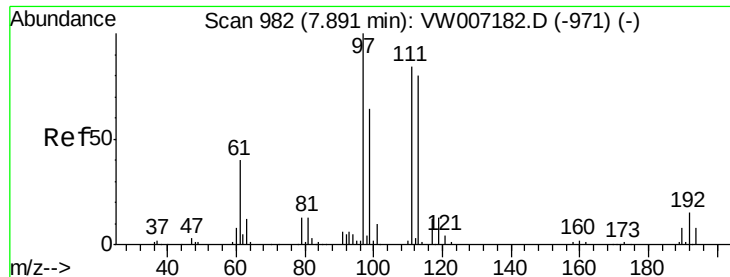
Tot Ion: 65 Resp: 45777
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 114 Resp: 164880
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.0 0.0 30.0

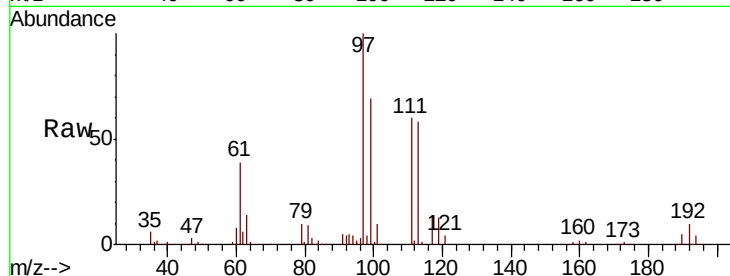




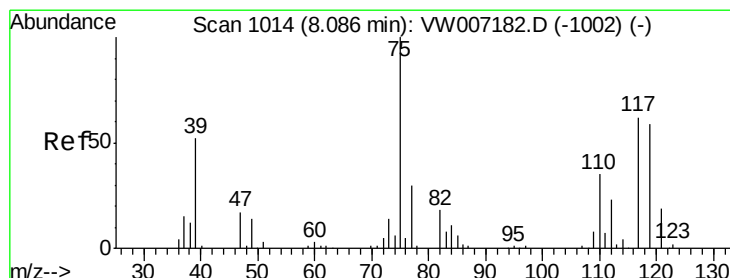
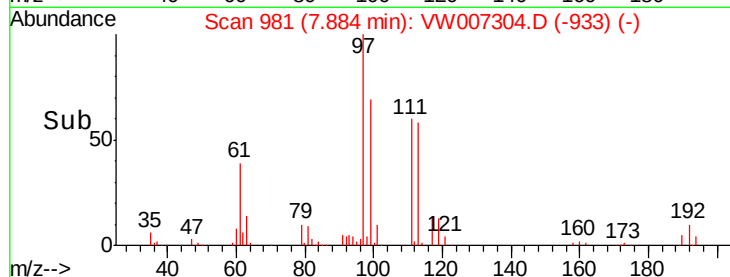
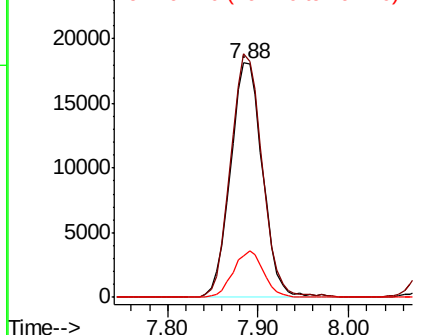
#35
 Dibromofluoromethane
 Concen: 47.100 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 44467
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 18.6 14.4 21.6

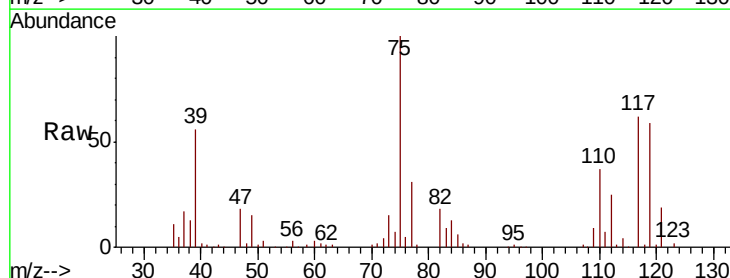


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

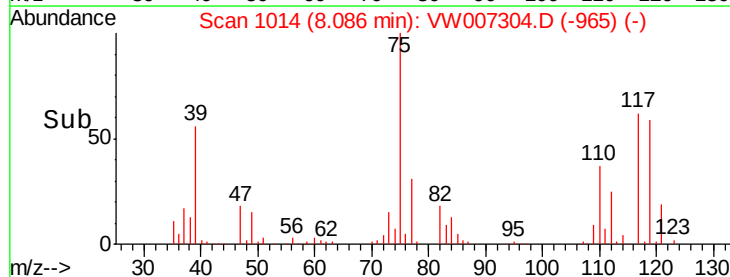
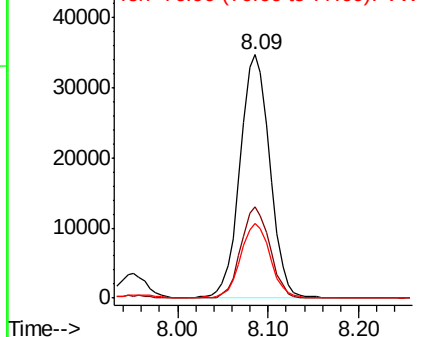


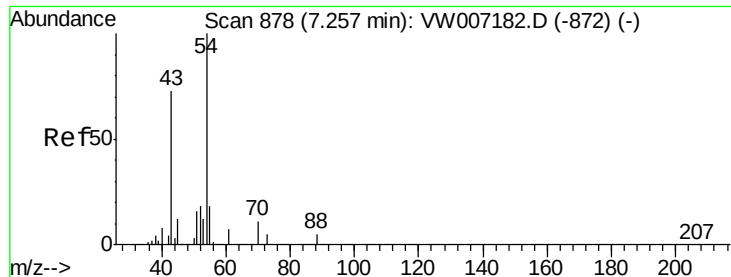
#36
 1,1-Dichloropropene
 Concen: 49.565 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 75 Resp: 79517
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.3 54.9
 77 30.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

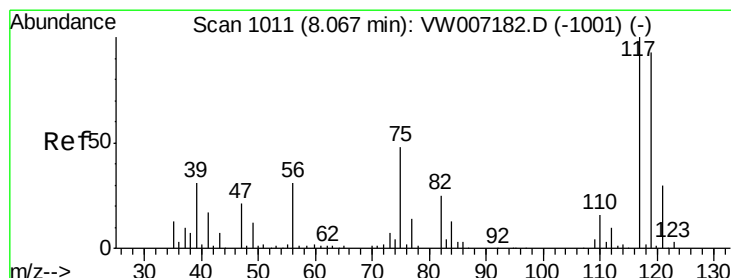
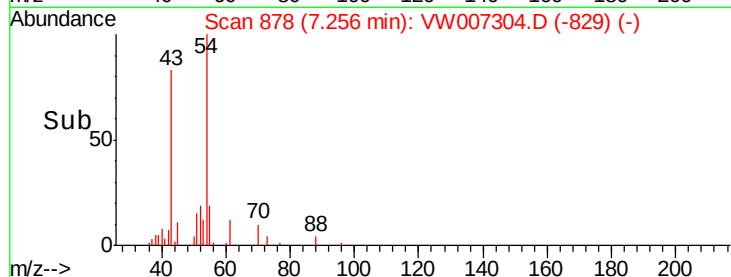
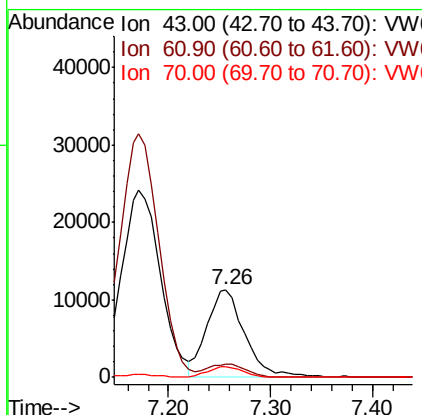
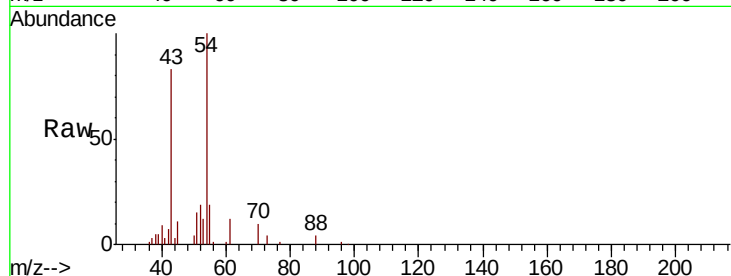




#37
Ethyl Acetate
Concen: 49.695 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

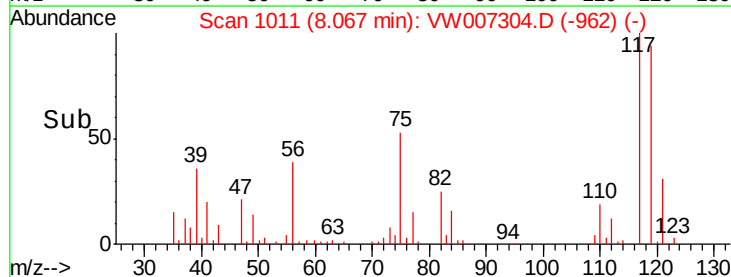
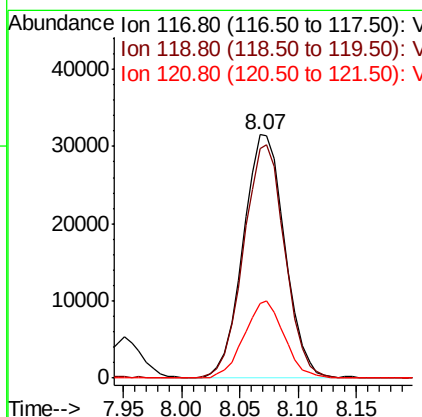
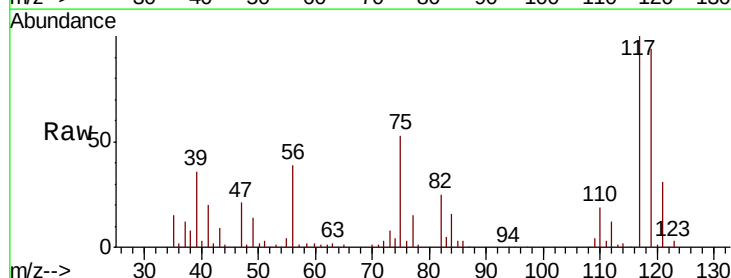
Instrument :
MSVOA_W
ClientSampleId :

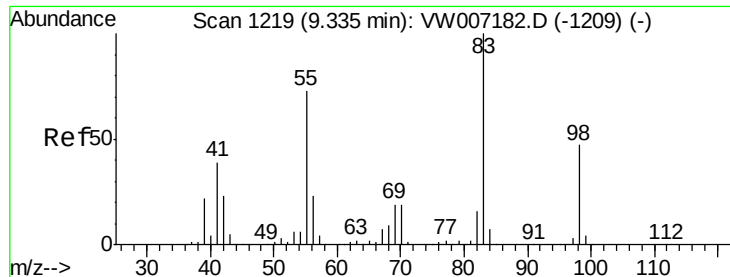
Tot Ion: 43 Resp: 28839
Ion Ratio Lower Upper
43 100
61 16.3 12.1 18.1
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.067 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 117 Resp: 78709
Ion Ratio Lower Upper
117 100
119 94.1 74.1 111.1
121 30.8 23.9 35.9

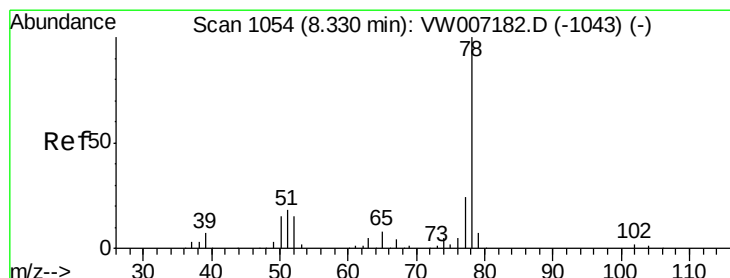
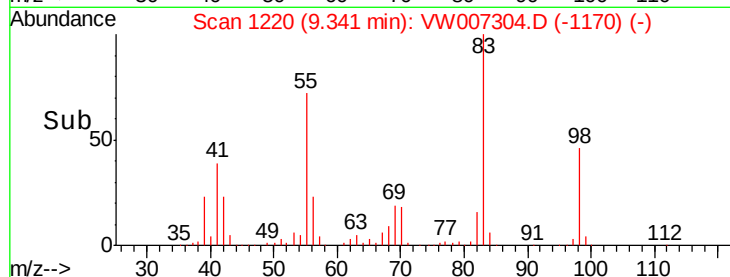
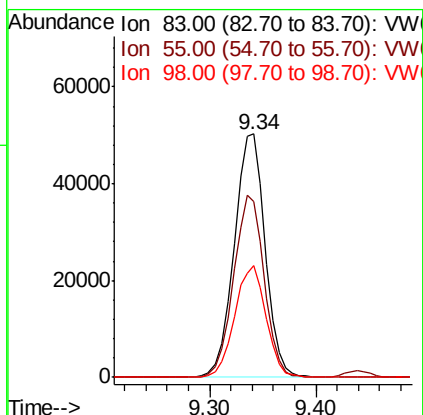
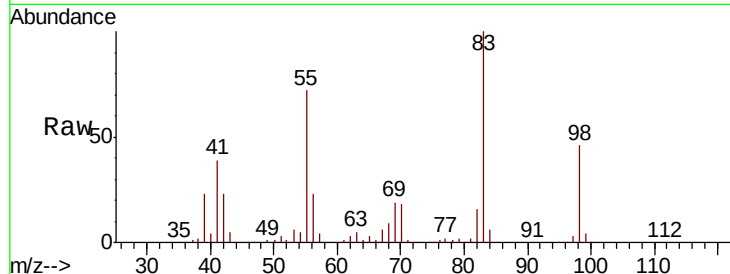




#39
Methylvlcyclohexane
Concen: 47.760 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

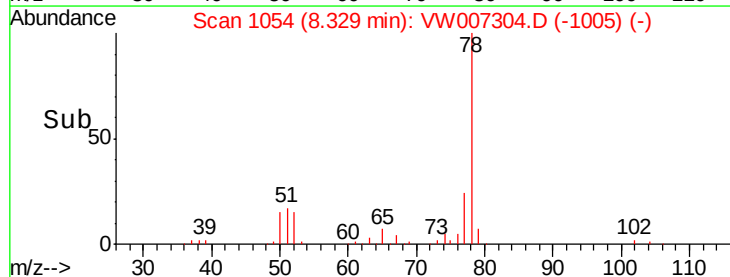
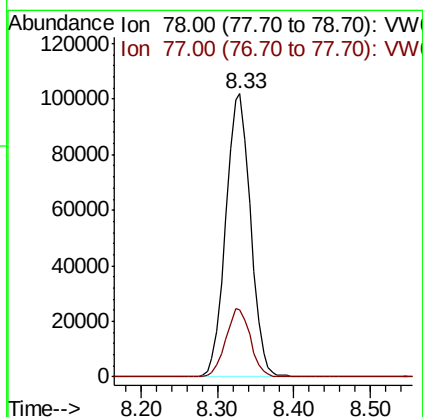
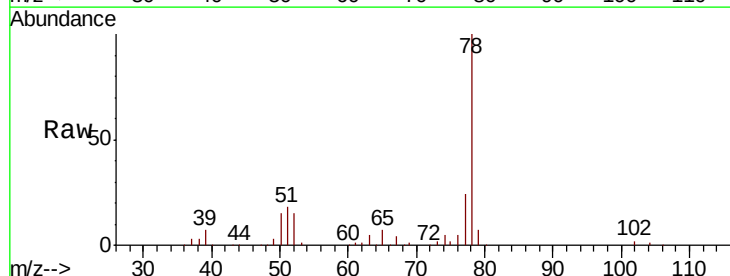
Instrument :
MSVOA_W
ClientSampleId :

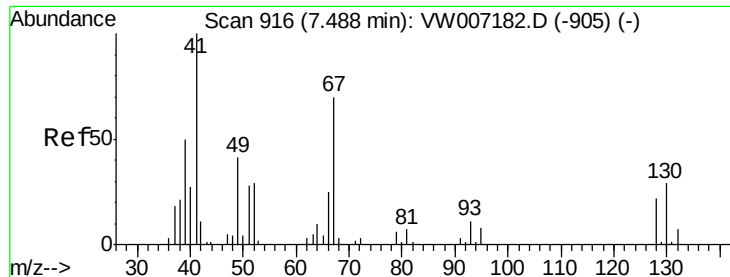
Tot Ion: 83 Resp: 102571
Ion Ratio Lower Upper
83 100
55 72.1 58.1 87.1
98 45.8 37.3 55.9



#40
Benzene
Concen: 51.829 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 78 Resp: 228009
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

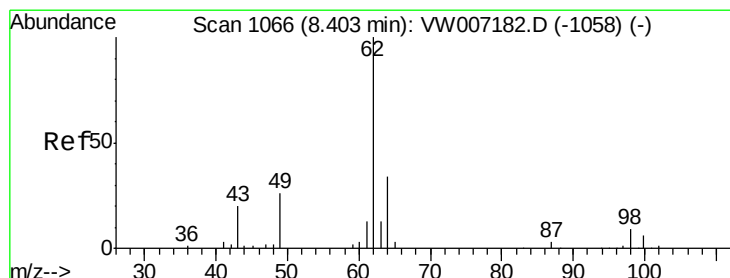
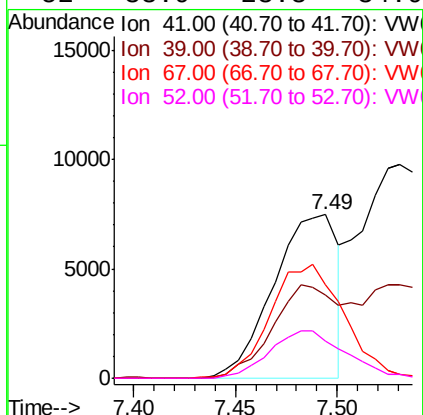
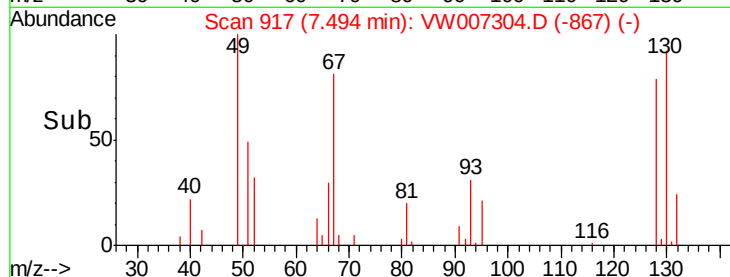
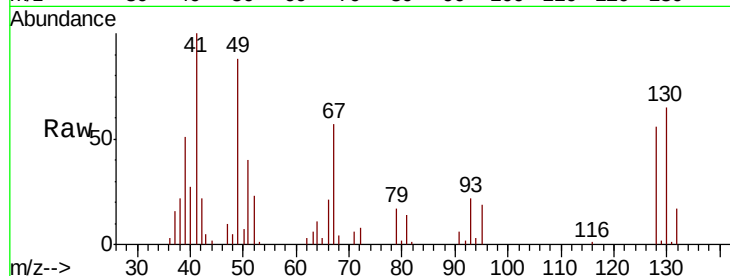




#41
Methacrylonitrile
Concen: 47.354 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

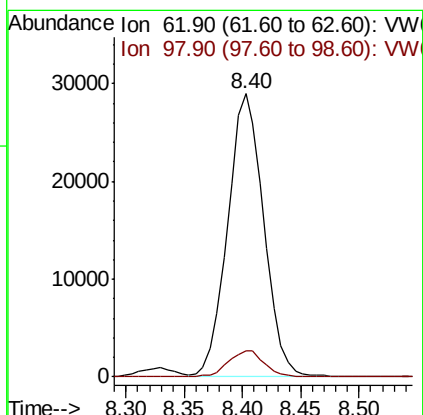
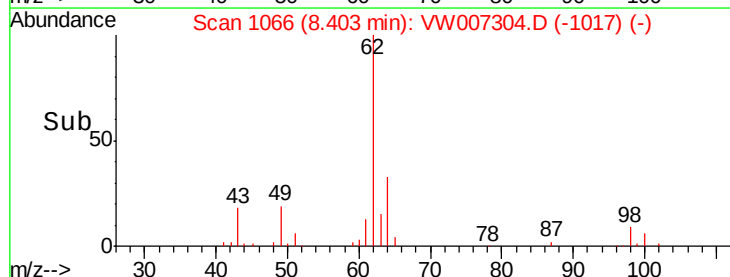
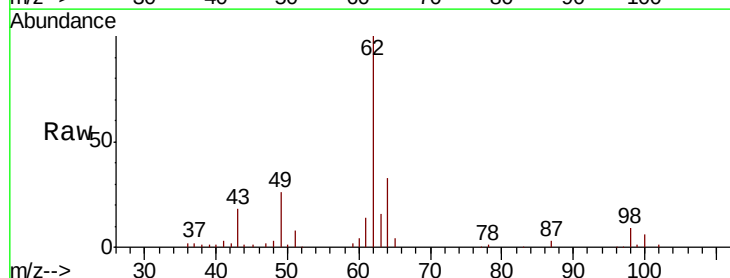
Instrument :
MSVOA_W
ClientSampled :

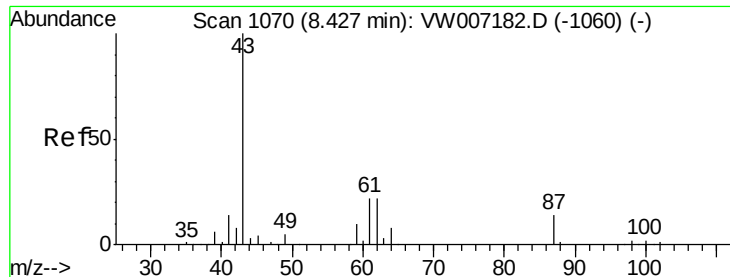
Tot Ion:	41	Resp:	16460
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.4	65.0
67	79.8	57.4	86.0
52	33.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 50.571 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:	62	Resp:	62176
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.367 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

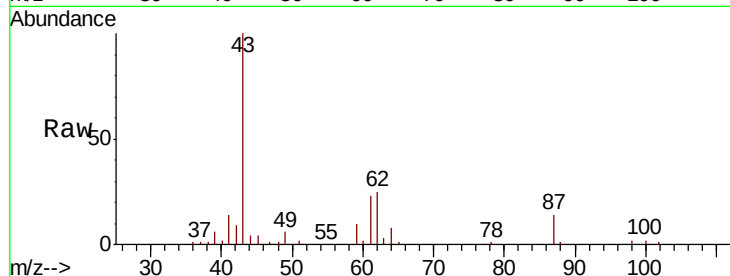
Tot Ion: 43 Resp: 59022

Ion Ratio Lower Upper

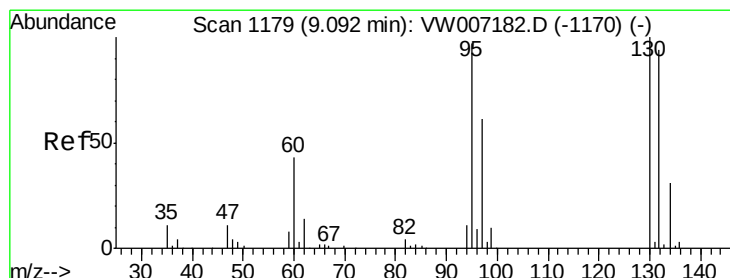
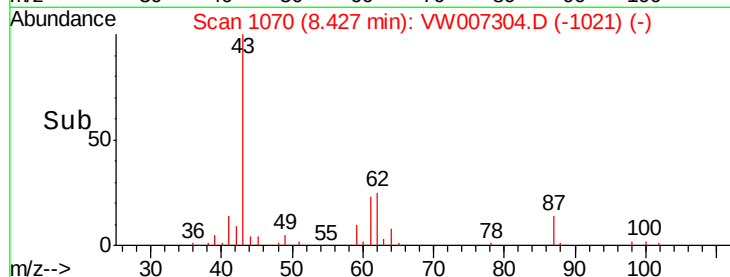
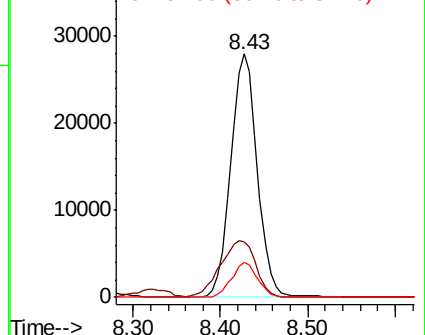
43 100

61 31.1 25.4 38.0

87 14.2 11.4 17.0



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



#44

Trichloroethene

Concen: 50.957 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007304.D

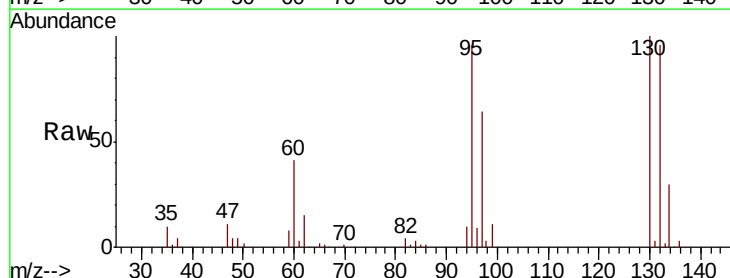
Acq: 07 Dec 2018 02:22

Tgt Ion:130 Resp: 63013

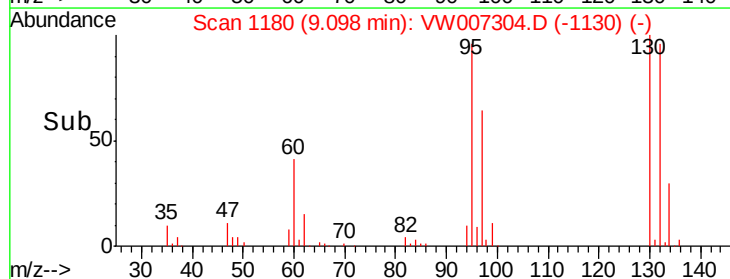
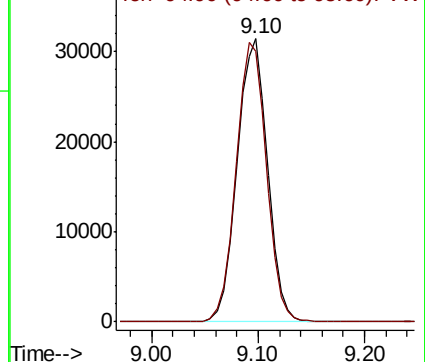
Ion Ratio Lower Upper

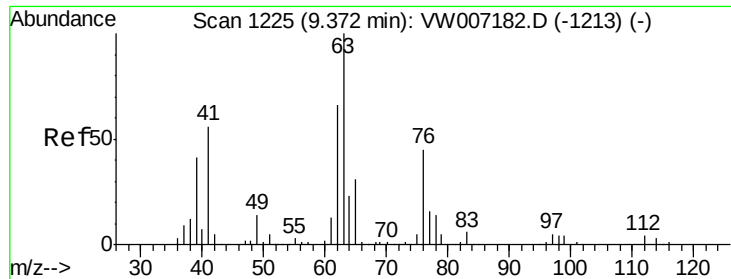
130 100

95 95.7 0.0 194.0



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

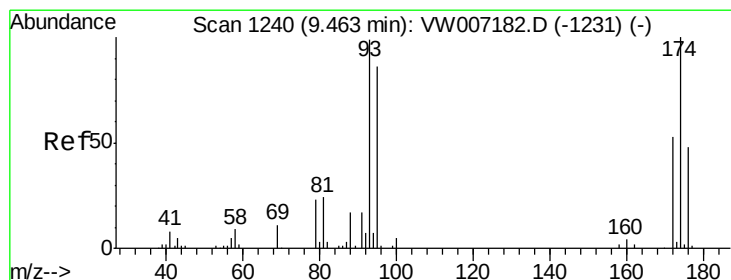
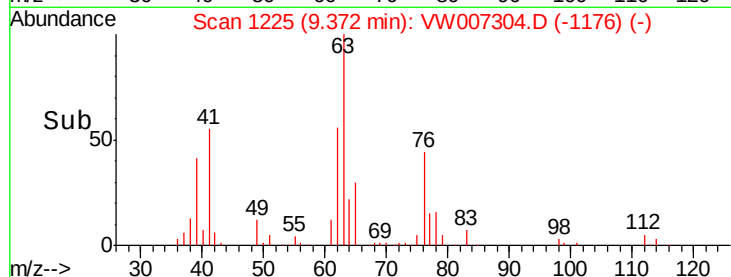
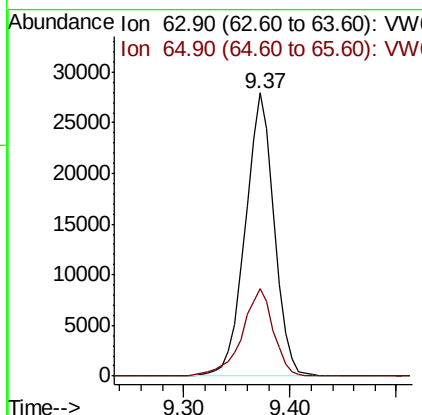
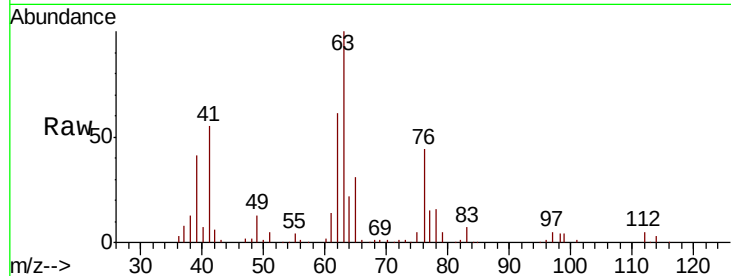




#45
 1,2-Dichloropropane
 Concen: 52.019 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

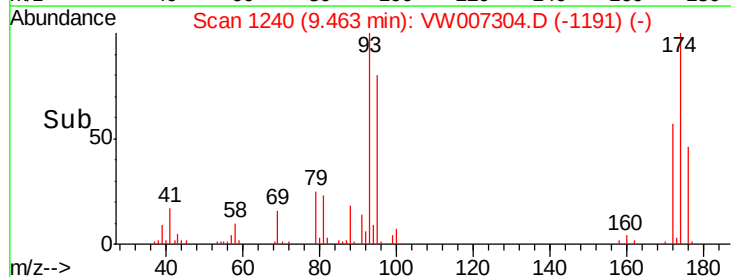
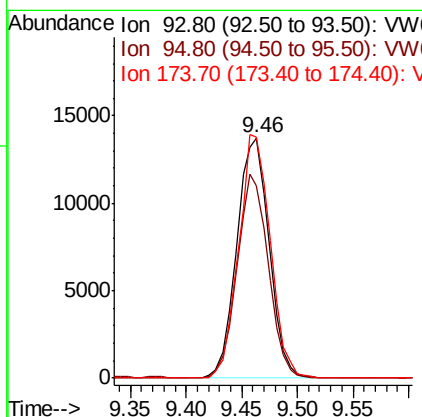
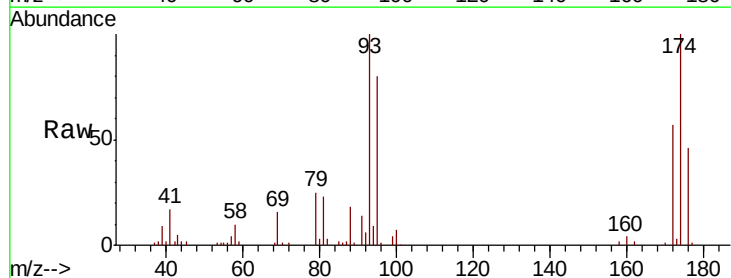
Instrument :
 MSVOA_W
 ClientSampled :

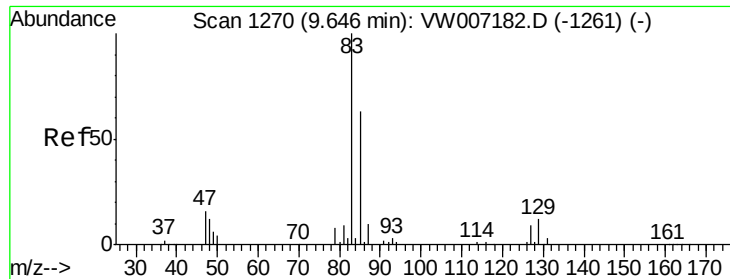
Tot Ion: 63 Resp: 53254
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 52.026 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 93 Resp: 27676
 Ion Ratio Lower Upper
 93 100
 95 81.7 68.7 103.1
 174 98.9 82.9 124.3





#47

Bromodichloromethane

Concen: 50.557 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

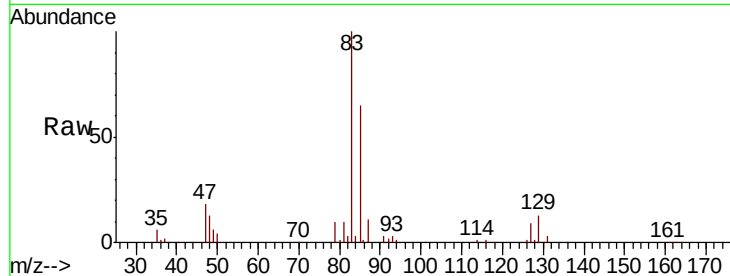
Tot Ion: 83 Resp: 70744

Ion Ratio Lower Upper

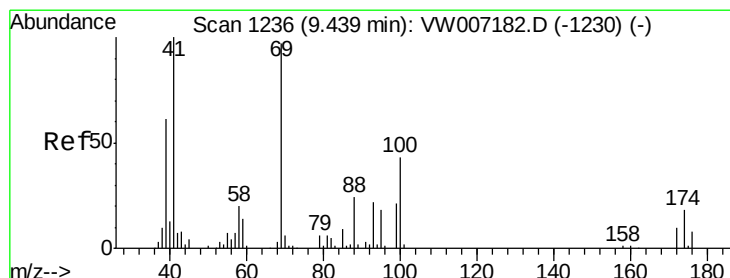
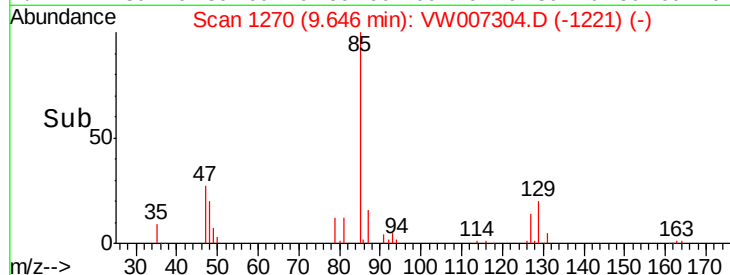
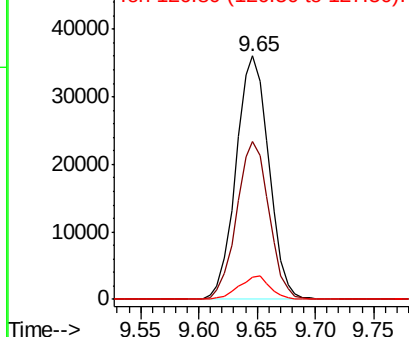
83 100

85 64.9 50.6 76.0

127 8.9 7.3 10.9



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



#48

Methyl methacrylate

Concen: 54.264 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

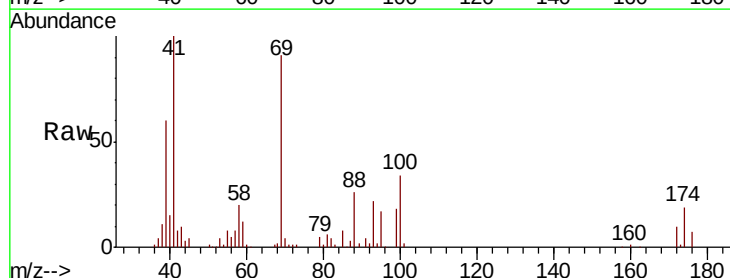
Tgt Ion: 41 Resp: 31743

Ion Ratio Lower Upper

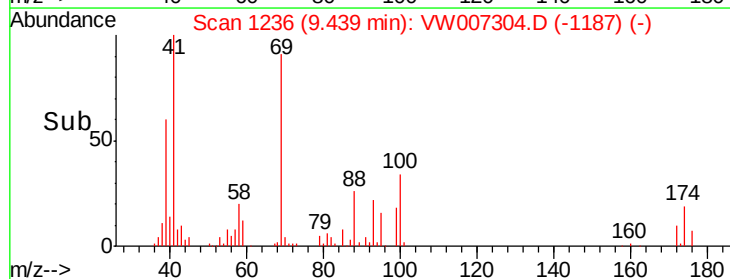
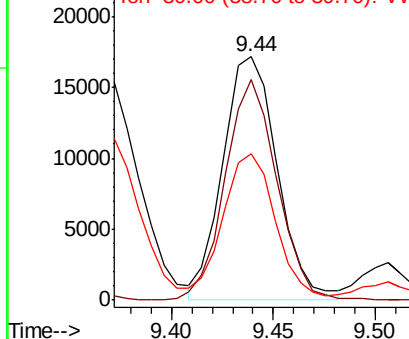
41 100

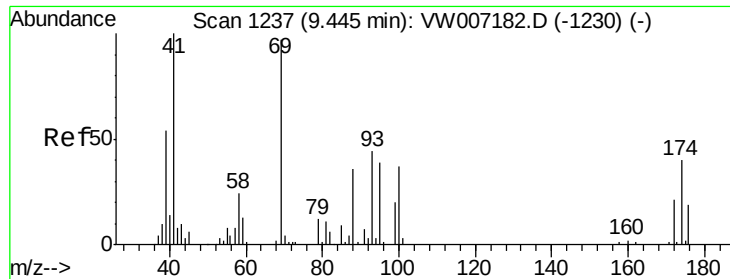
69 86.8 69.6 104.4

39 55.4 42.4 63.6



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: 1159.067 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

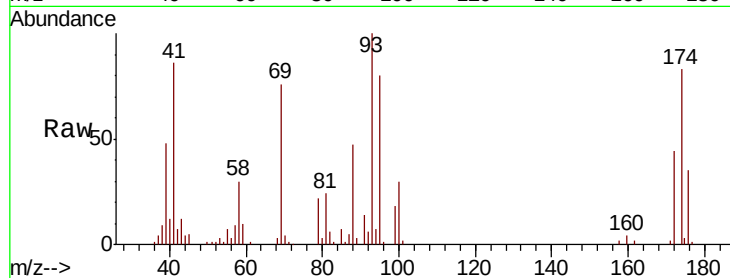
Tot Ion: 88 Resp: 10771

Ion Ratio Lower Upper

88 100

43 30.5 25.8 38.8

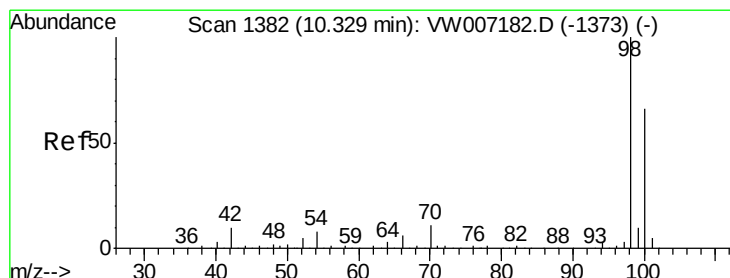
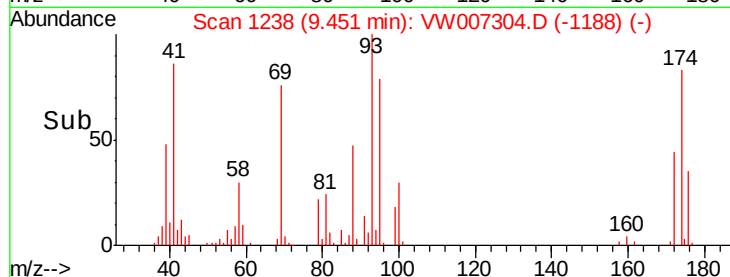
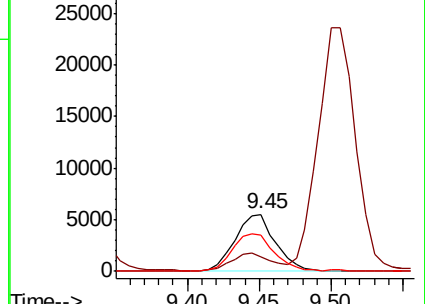
58 70.4 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.163 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007304.D

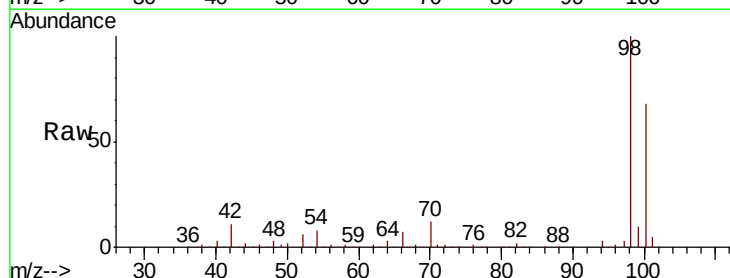
Acq: 07 Dec 2018 02:22

Tgt Ion: 98 Resp: 191978

Ion Ratio Lower Upper

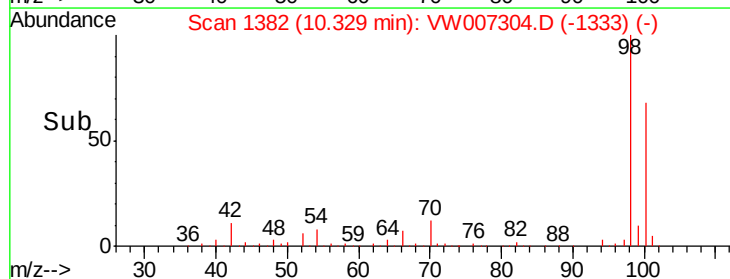
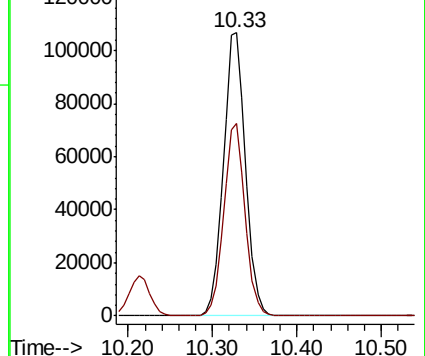
98 100

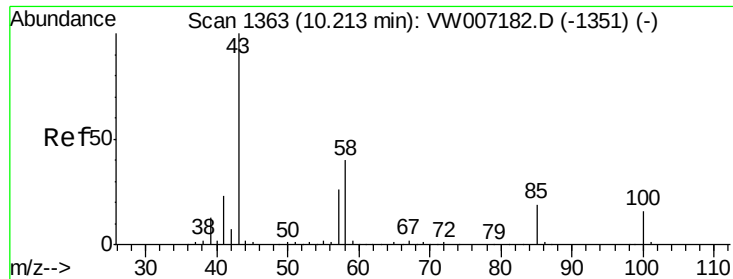
100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

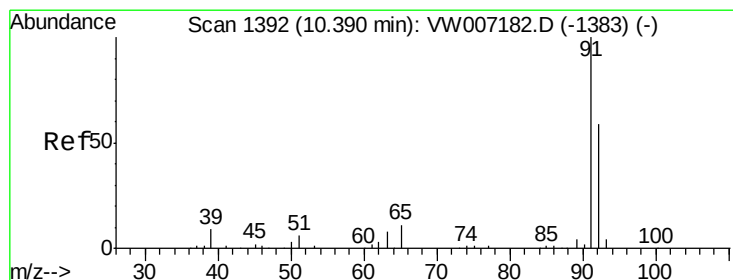
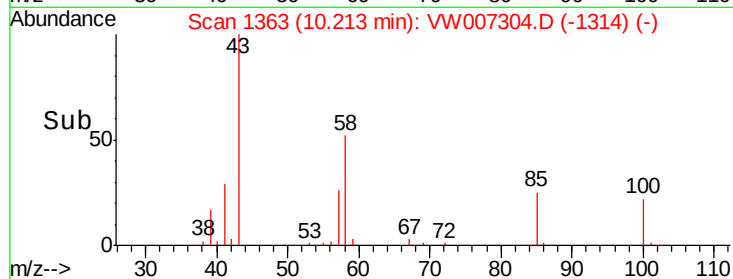
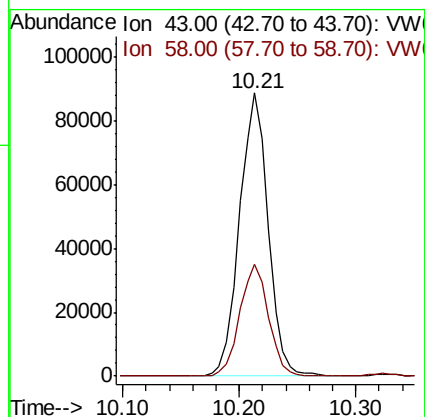
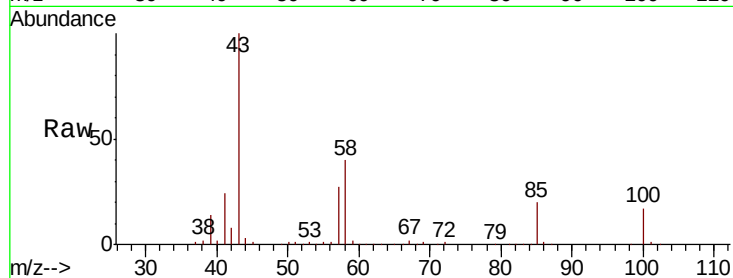




#51
4-Methyl-2-Pentanone
Concen: 273.911 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

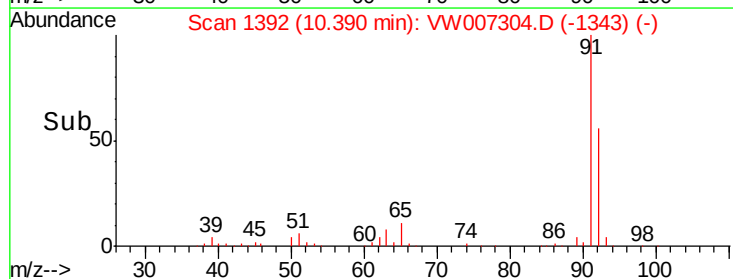
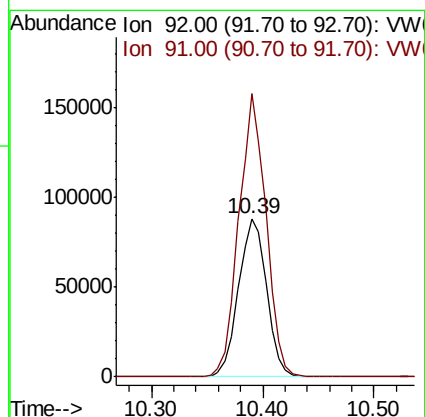
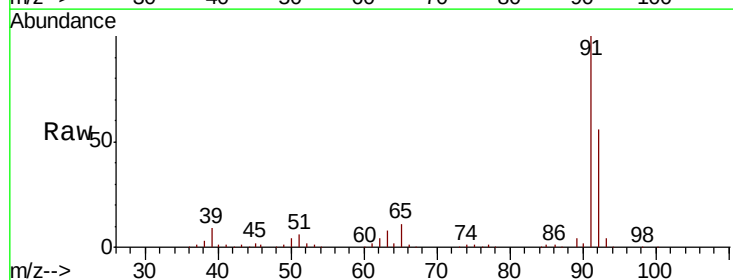
Instrument :
MSVOA_W
ClientSampleId :

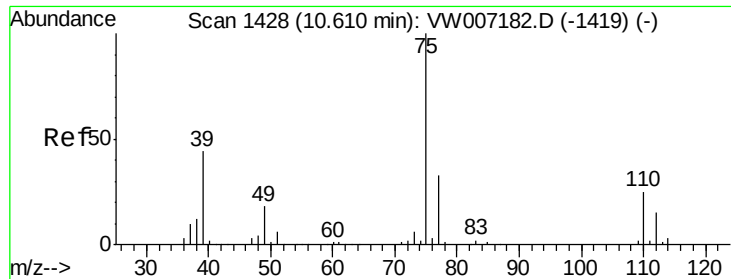
Tot Ion: 43 Resp: 152140
Ion Ratio Lower Upper
43 100
58 39.6 32.3 48.5



#52
Toluene
Concen: 50.320 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 92 Resp: 153987
Ion Ratio Lower Upper
92 100
91 173.2 136.0 204.0

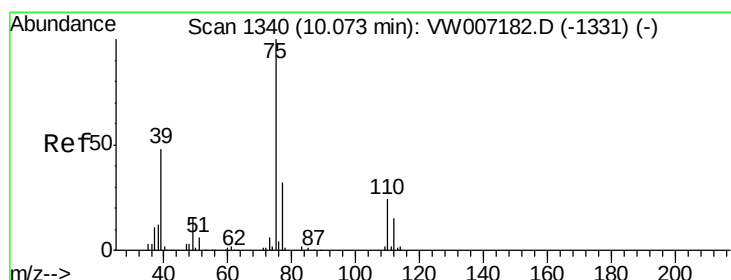
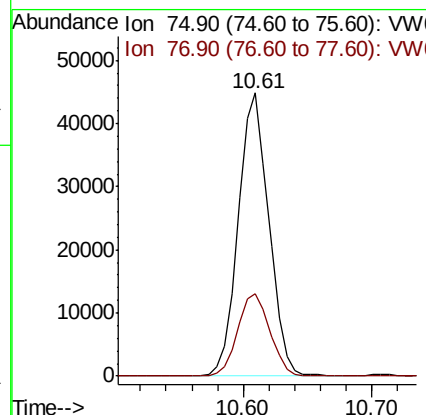
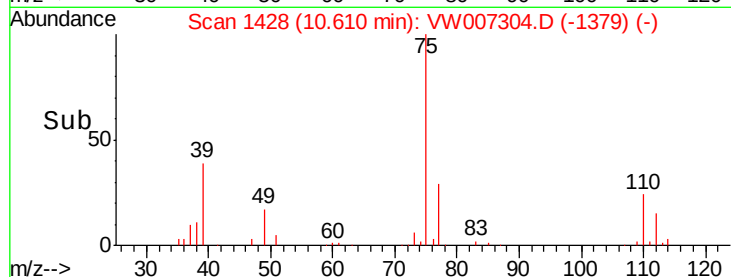
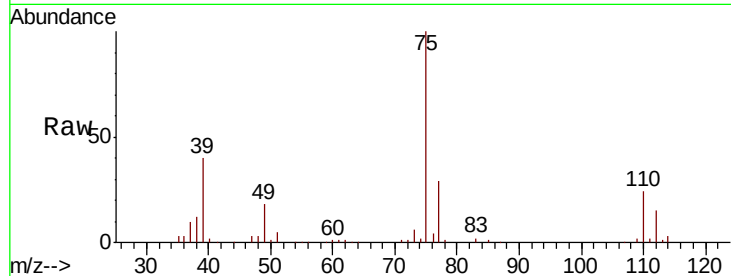




#53
t-1,3-Dichloropropene
Concen: 52.431 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

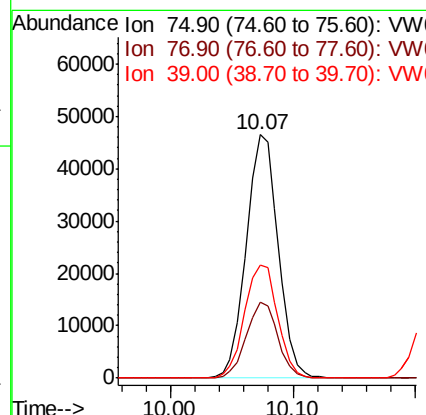
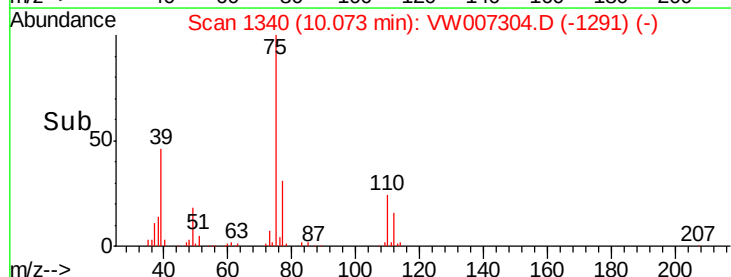
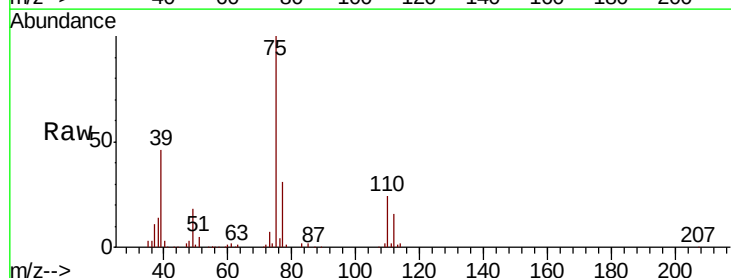
Instrument :
MSVOA_W
ClientSampled :

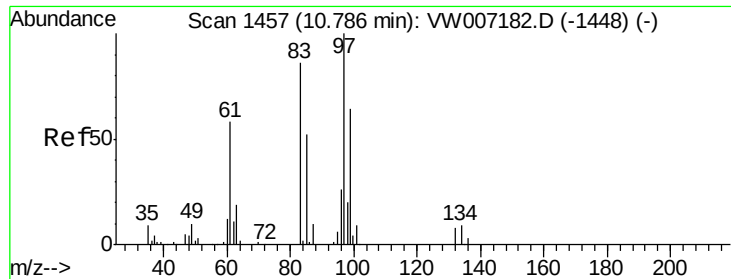
Tot Ion: 75 Resp: 73761
Ion Ratio Lower Upper
75 100
77 29.2 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 51.184 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 75 Resp: 84387
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
39 46.2 38.0 57.0

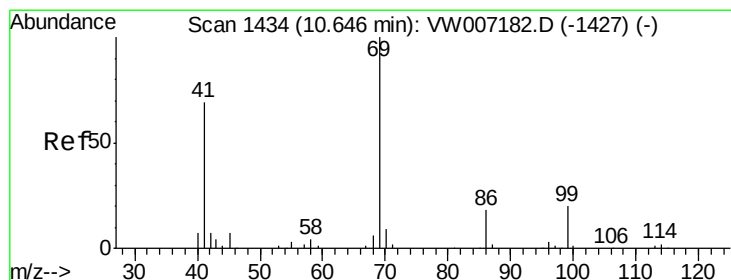
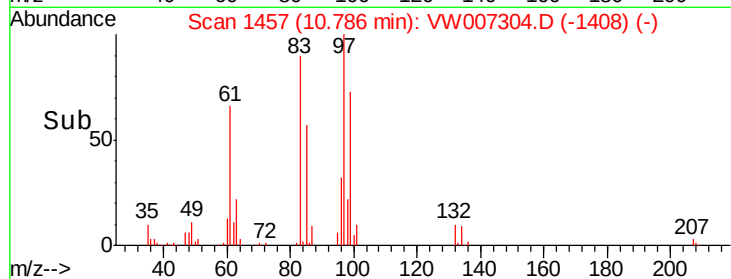
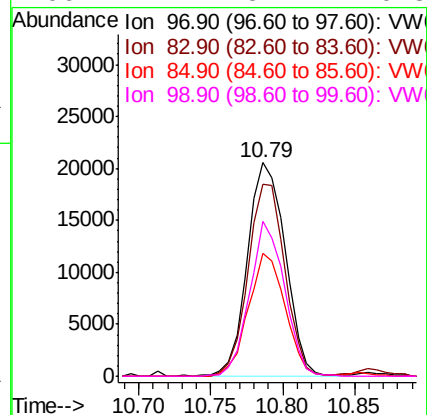
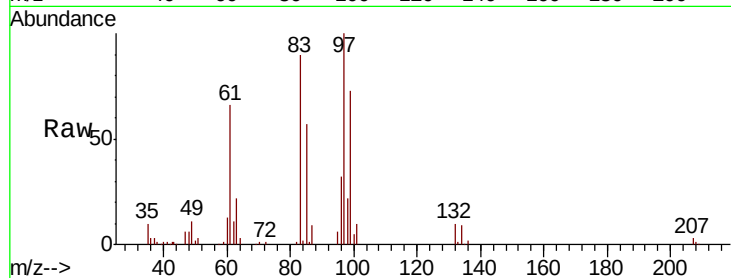




#55
 1,1,2-Trichloroethane
 Concen: 49.325 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

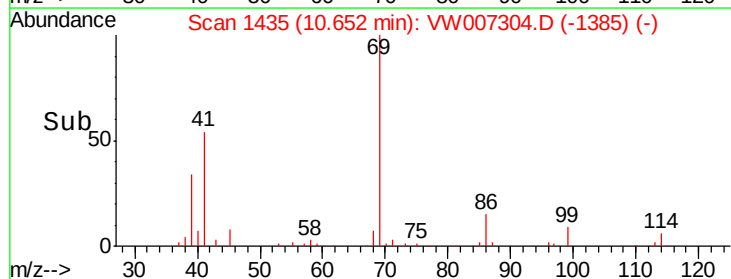
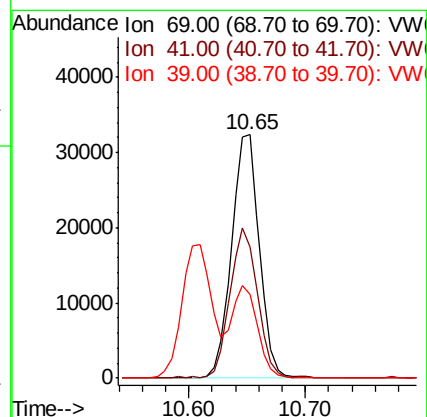
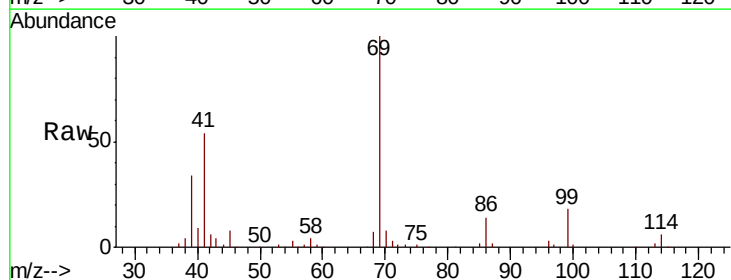
Instrument :
 MSVOA_W
 ClientSampleId :

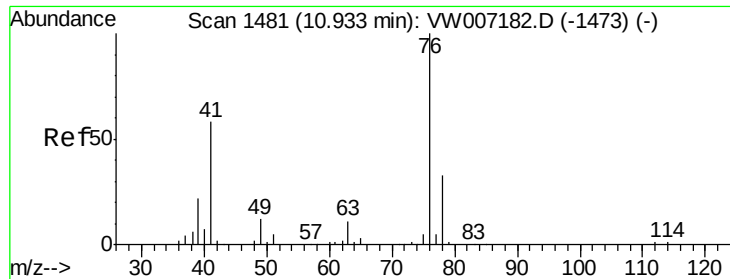
Tot Ion: 97 Resp: 37323
 Ion Ratio Lower Upper
 97 100
 83 89.9 68.6 102.8
 85 57.4 41.4 62.2
 99 72.7 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 54.177 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 69 Resp: 53474
 Ion Ratio Lower Upper
 69 100
 41 60.0 51.8 77.6
 39 35.5 28.7 43.1

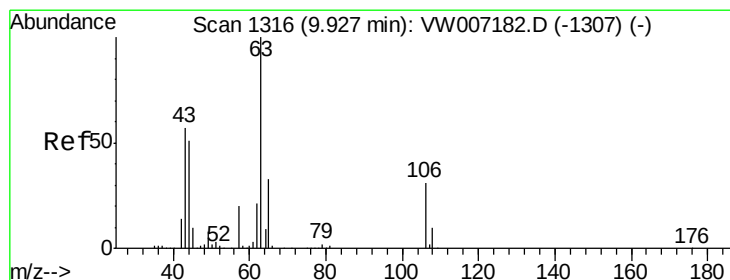
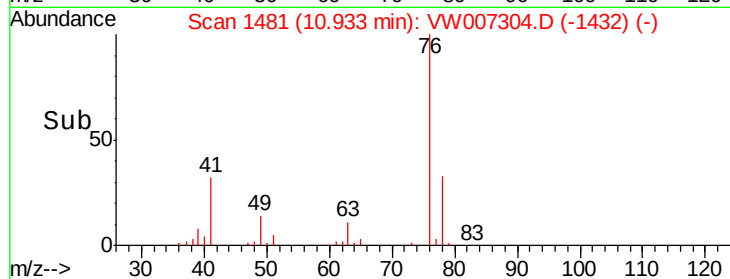
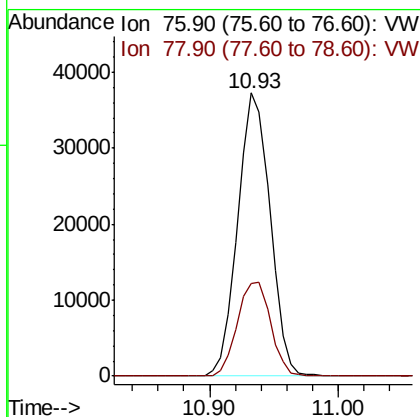
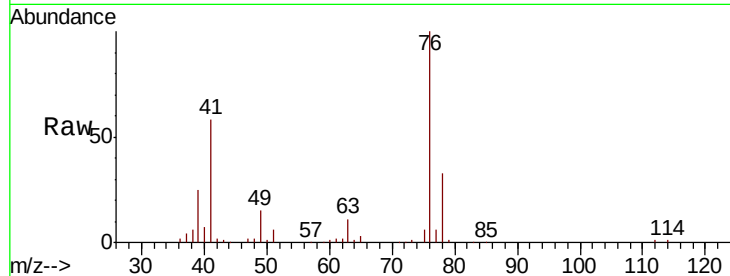




#57
 1,3-Dichloropropane
 Concen: 50.770 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

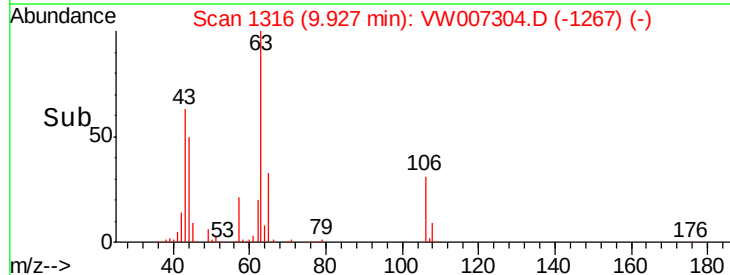
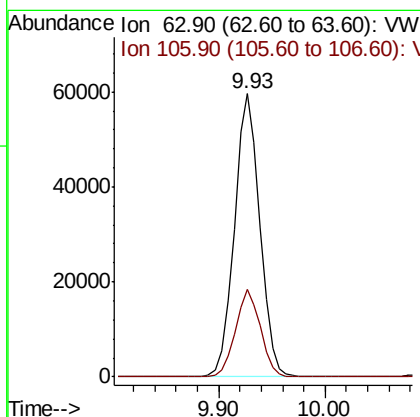
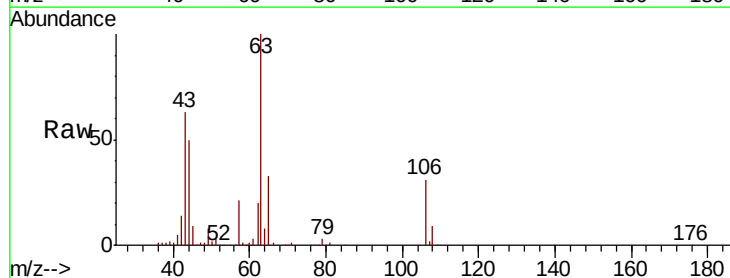
Instrument :
 MSVOA_W
 ClientSampled :

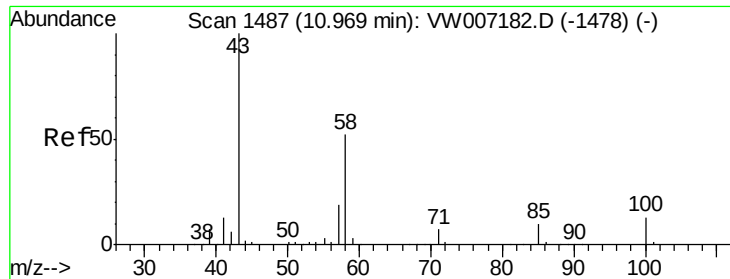
Tot Ion: 76 Resp: 64858
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.113 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 63 Resp: 99555
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.1 36.1

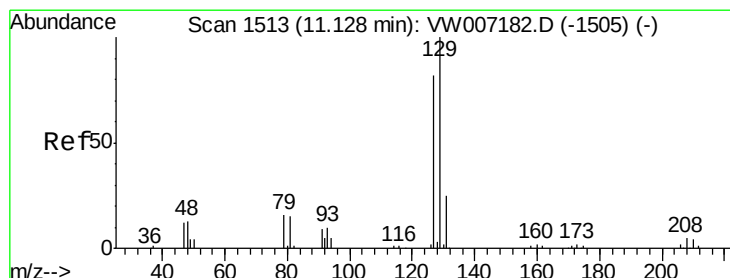
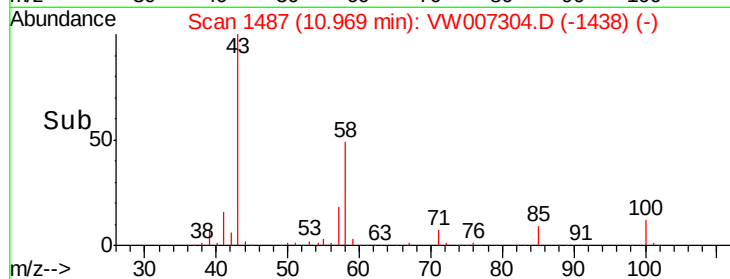
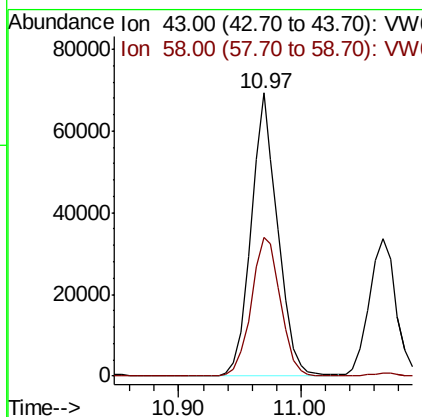
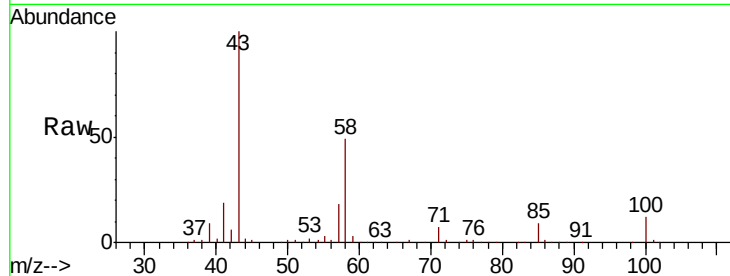




#59
2-Hexanone
Concen: 260.117 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

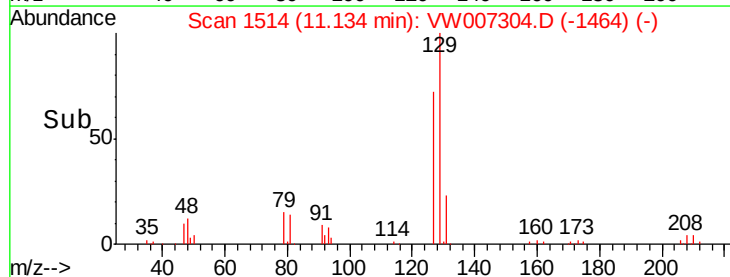
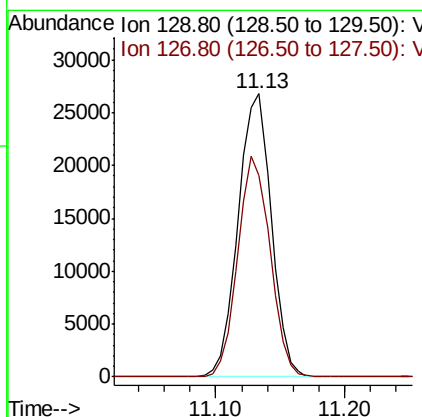
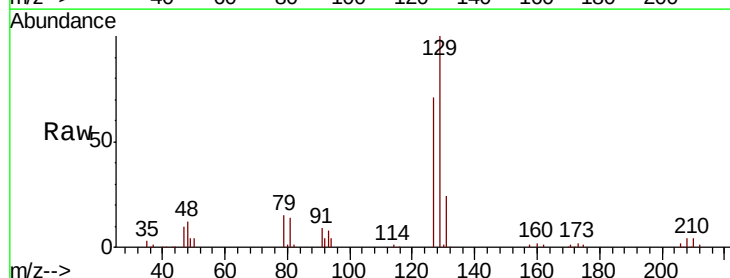
Instrument :
MSVOA_W
ClientSampled :

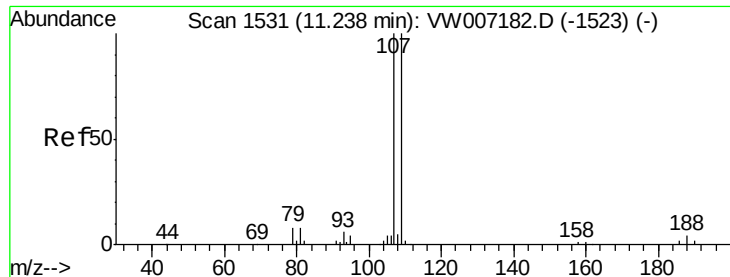
Tot Ion: 43 Resp: 104735
Ion Ratio Lower Upper
43 100
58 53.8 28.1 84.4



#60
Dibromochloromethane
Concen: 51.416 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:129 Resp: 47816
Ion Ratio Lower Upper
129 100
127 76.1 39.8 119.4

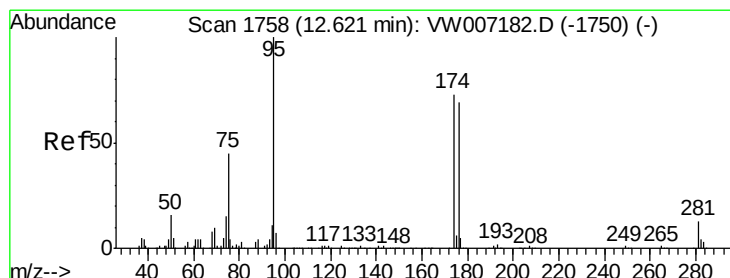
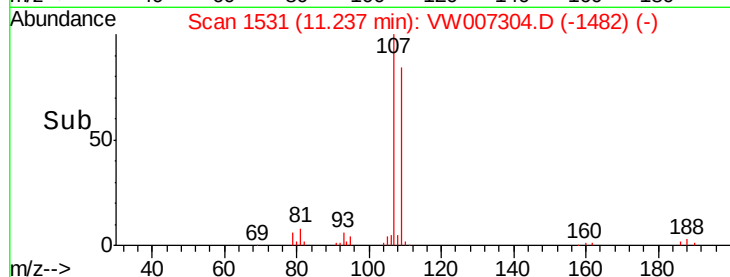
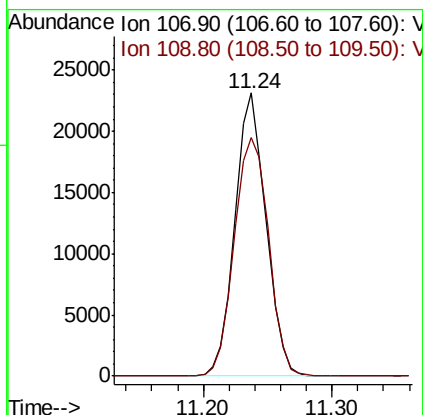
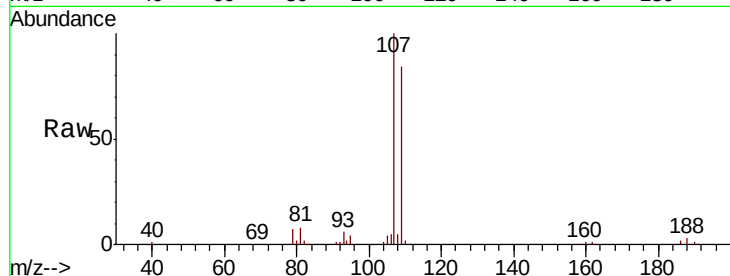




#61
 1,2-Dibromoethane
 Concen: 53.428 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

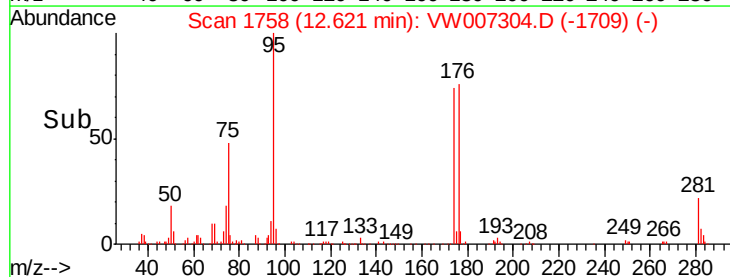
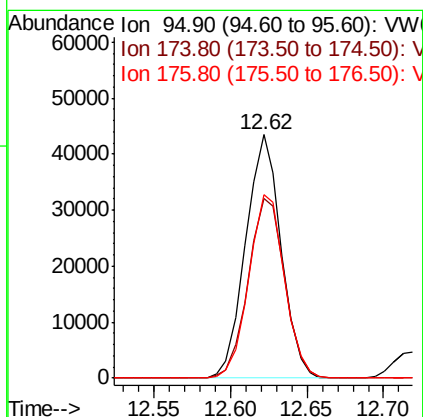
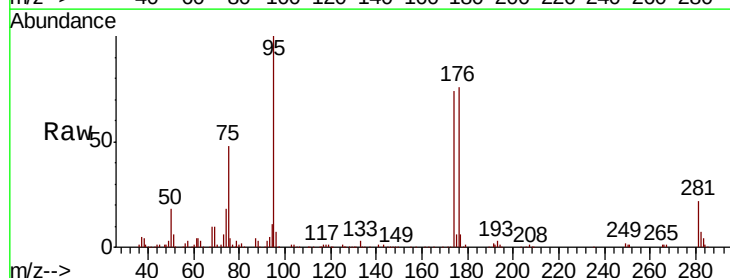
Instrument :
 MSVOA_W
 ClientSampled :

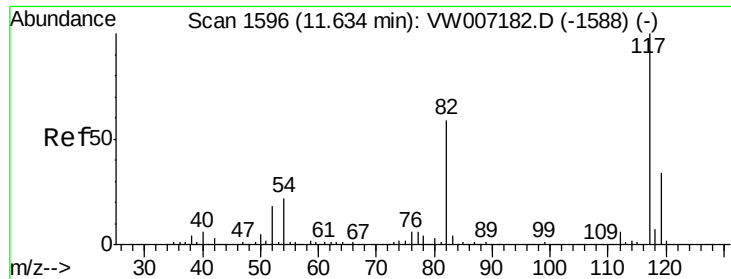
Tot Ion:107 Resp: 38776
 Ion Ratio Lower Upper
 107 100
 109 93.1 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 44.499 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 95 Resp: 69850
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 148.0
 176 75.9 0.0 139.4

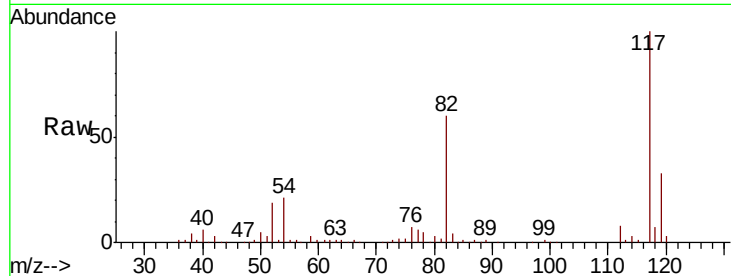




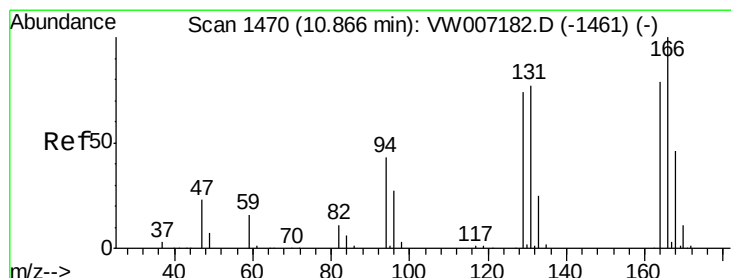
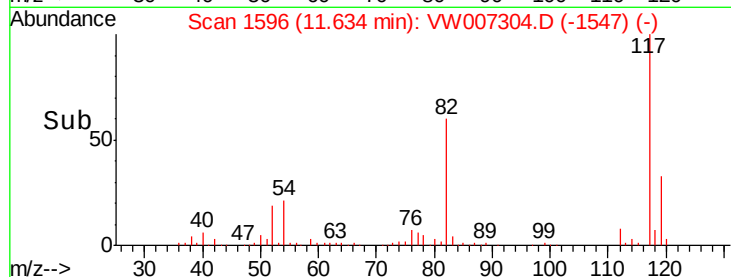
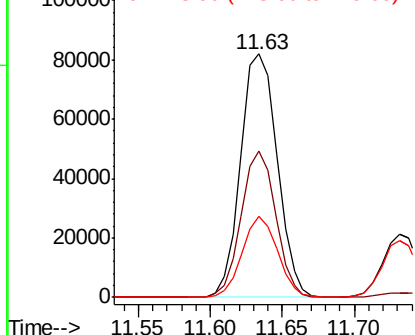
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 145405
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 33.2 26.8 40.2

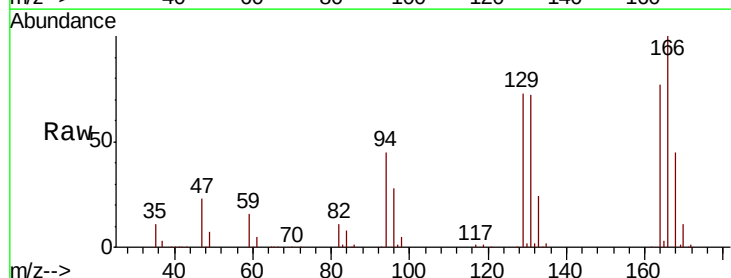


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

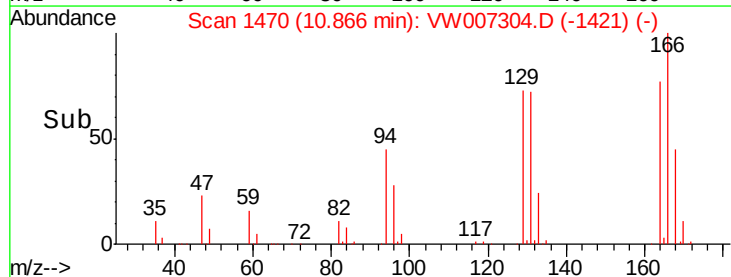
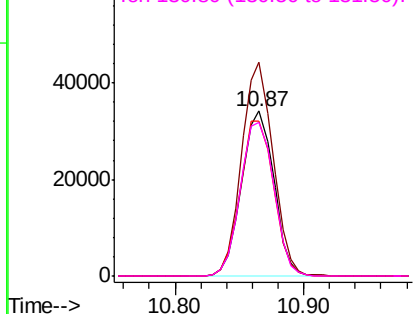


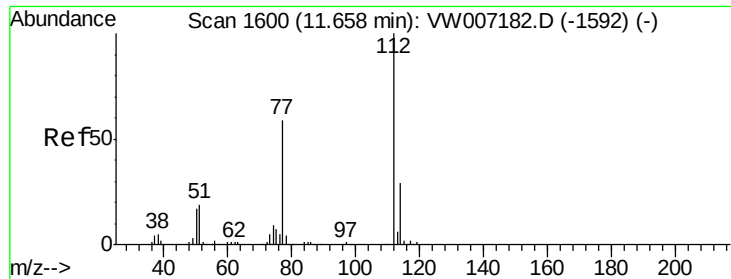
#64
Tetrachloroethene
Concen: 55.637 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:164 Resp: 59106
Ion Ratio Lower Upper
164 100
166 129.6 101.0 151.4
129 94.1 74.6 111.8
131 92.9 77.6 116.4



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

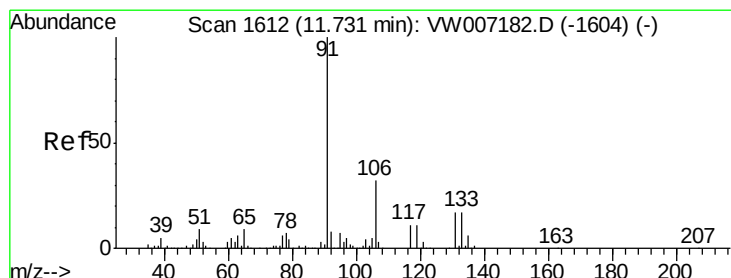
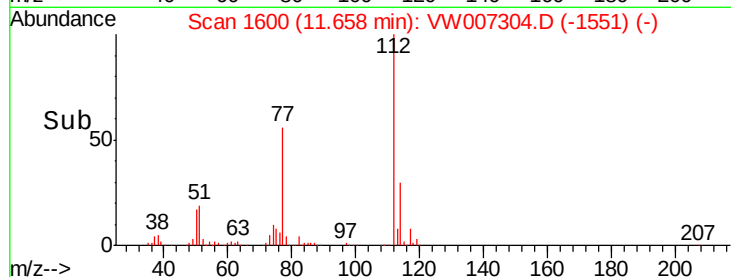
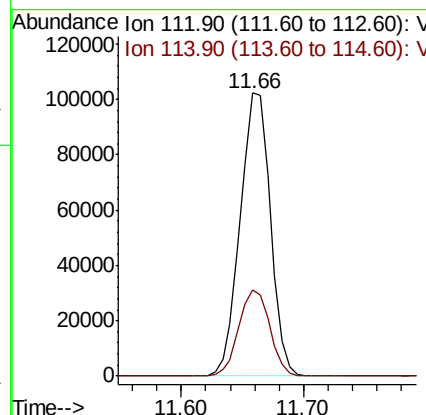
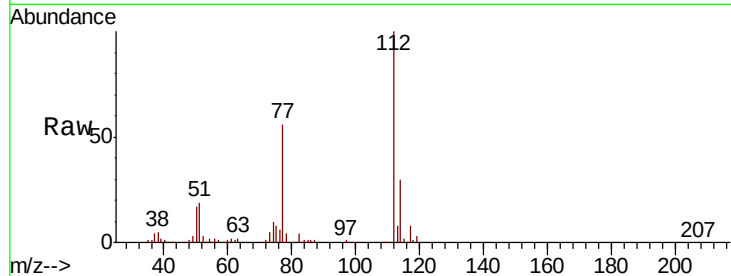




#65
Chlorobenzene
Concen: 54.110 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

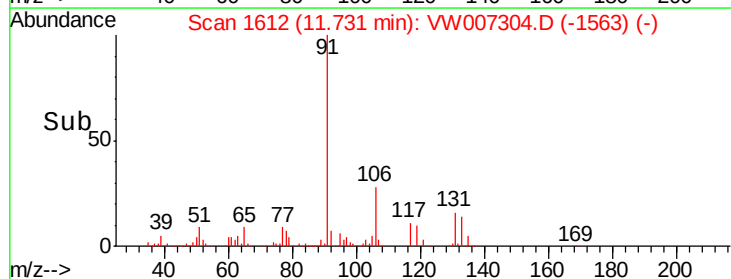
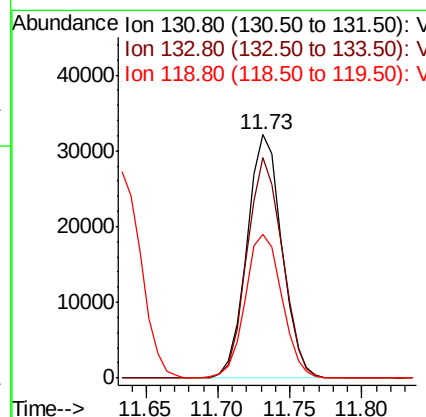
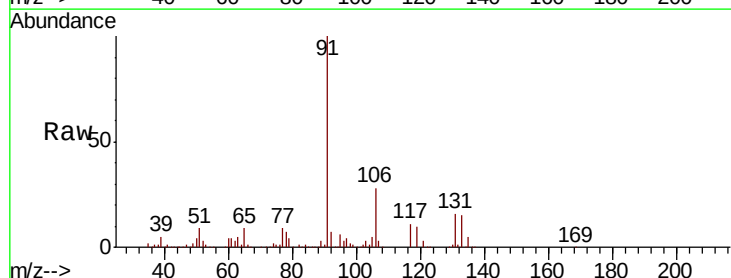
Instrument :
MSVOA_W
ClientSampled :

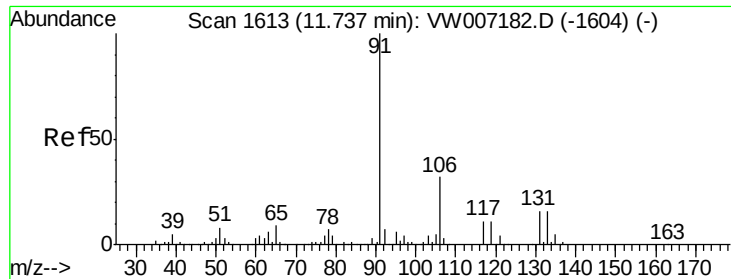
Tot Ion:112 Resp: 175719
Ion Ratio Lower Upper
112 100
114 30.3 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.625 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:131 Resp: 53782
Ion Ratio Lower Upper
131 100
133 92.2 48.0 144.2
119 62.2 32.8 98.4

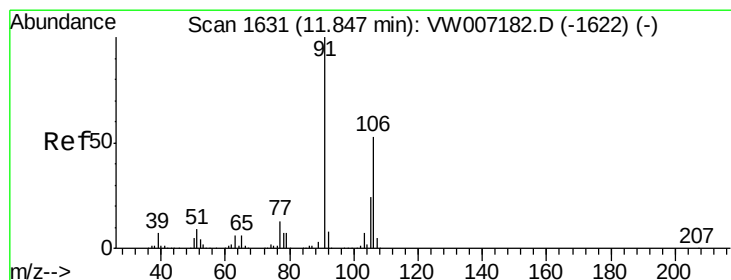
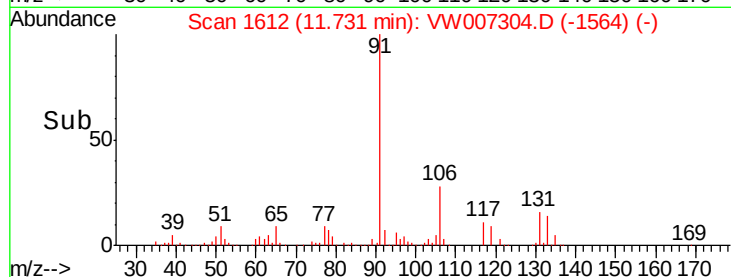
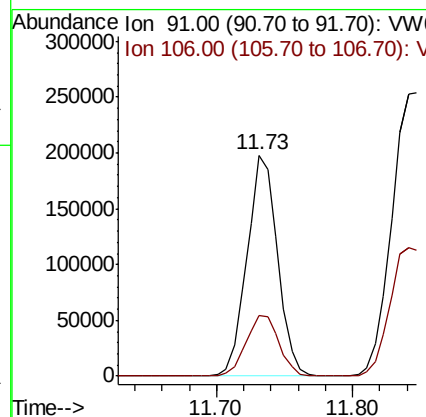
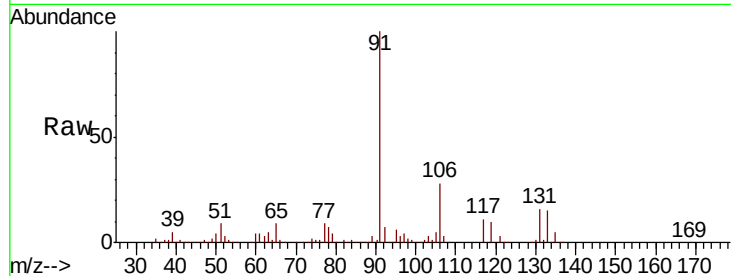




#67
Ethyl Benzene
Concen: 52.576 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

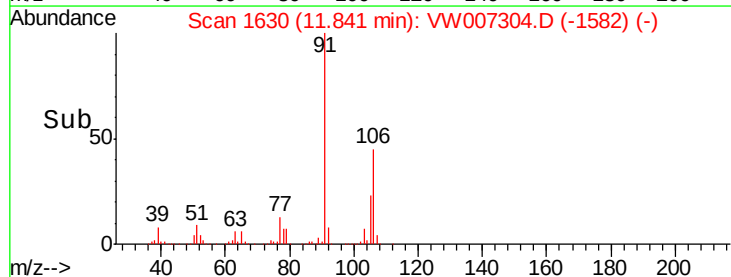
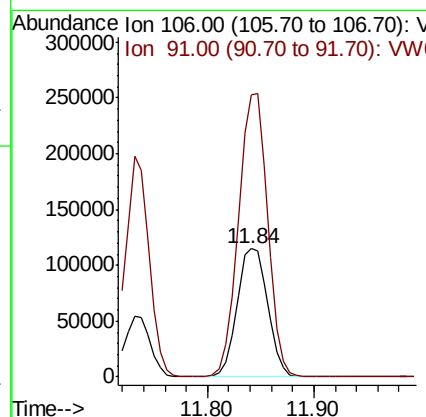
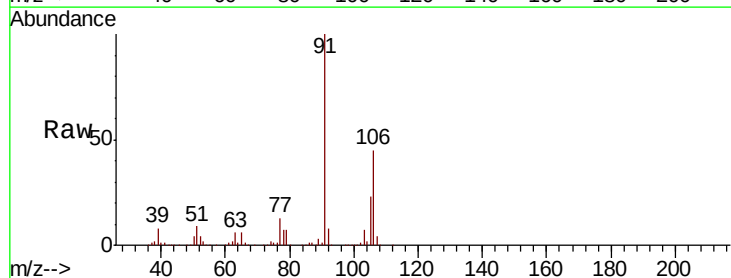
Instrument :
MSVOA_W
ClientSampled :

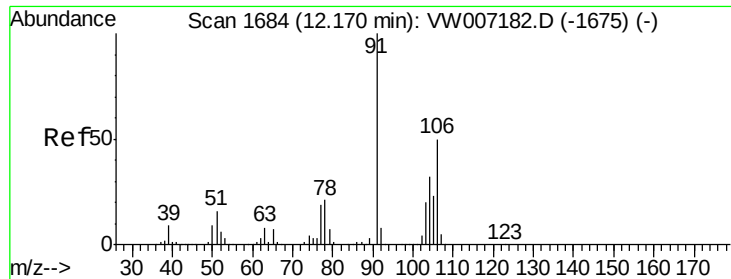
Tot Ion: 91 Resp: 311187
Ion Ratio Lower Upper
91 100
106 27.6 26.0 39.0



#68
m/p-Xylenes
Concen: 99.787 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion: 106 Resp: 231700
Ion Ratio Lower Upper
106 100
91 211.0 160.2 240.4

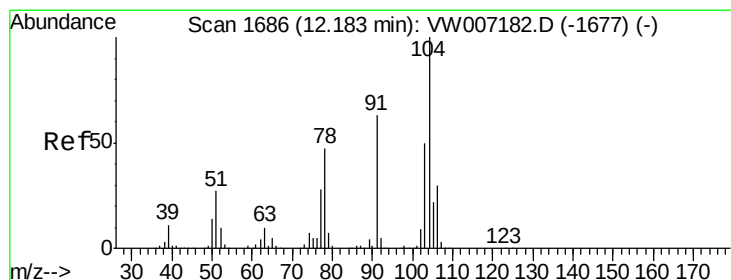
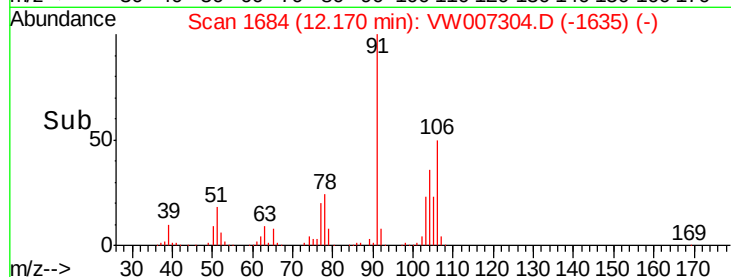
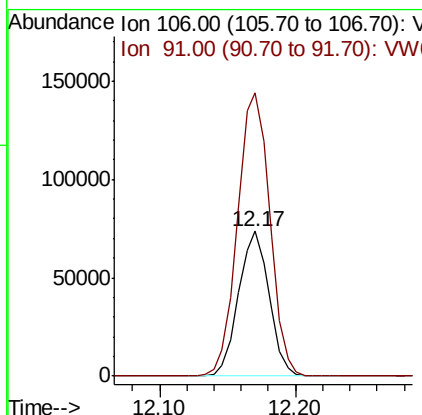
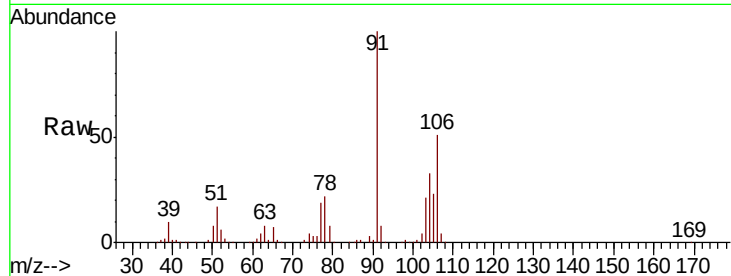




#69
o-Xylene
Concen: 53.331 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

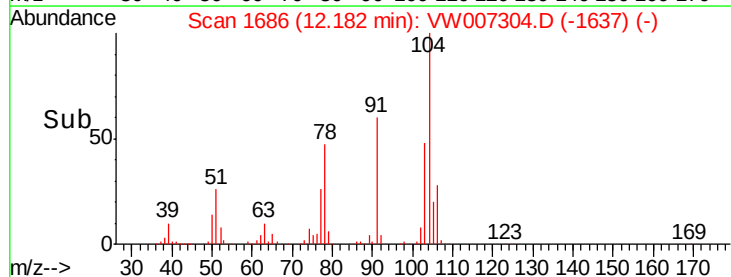
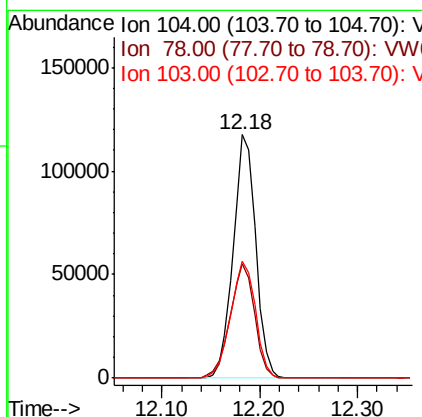
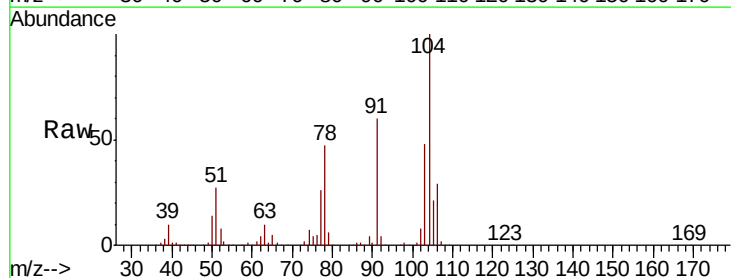
Instrument :
MSVOA_W
ClientSampleId :

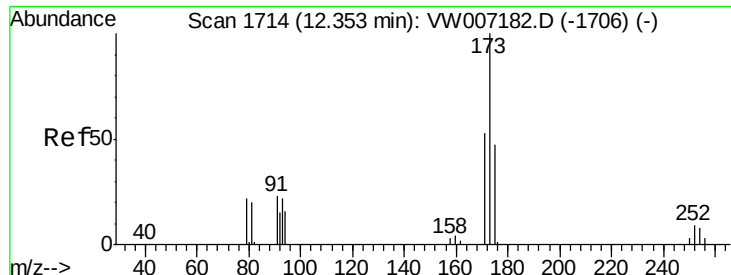
Tot Ion:106 Resp: 115696
Ion Ratio Lower Upper
106 100
91 206.3 104.9 314.7



#70
Styrene
Concen: 53.058 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:104 Resp: 188420
Ion Ratio Lower Upper
104 100
78 50.7 40.6 60.8
103 52.7 43.0 64.4





#71

Bromoform

Concen: 53.096 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

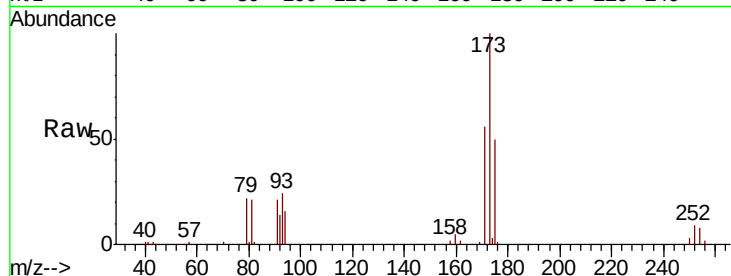
Tot Ion:173 Resp: 26657

Ion Ratio Lower Upper

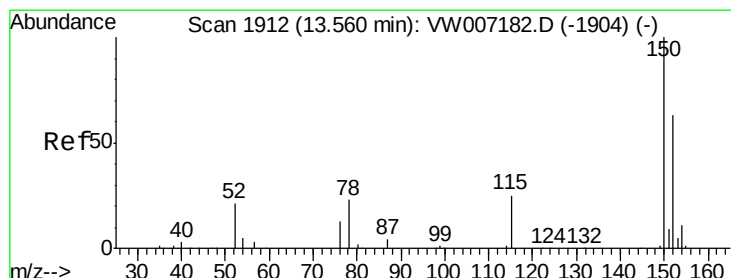
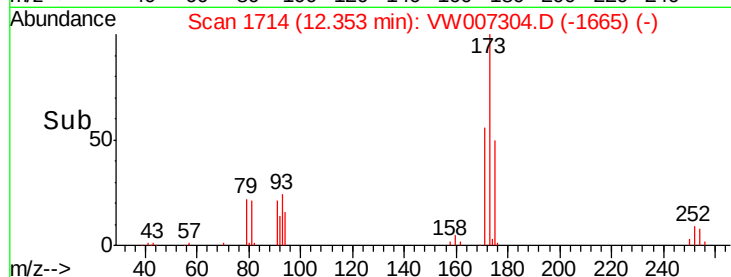
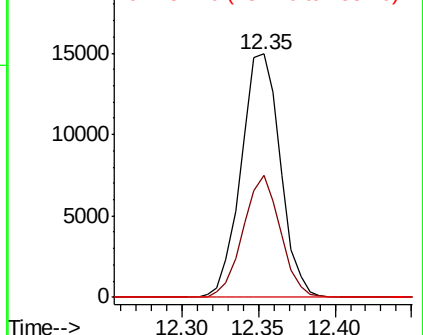
173 100

175 47.5 24.0 72.0

254 0.0 0.0 0.0



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# 1913

Delta R.T. 0.01 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

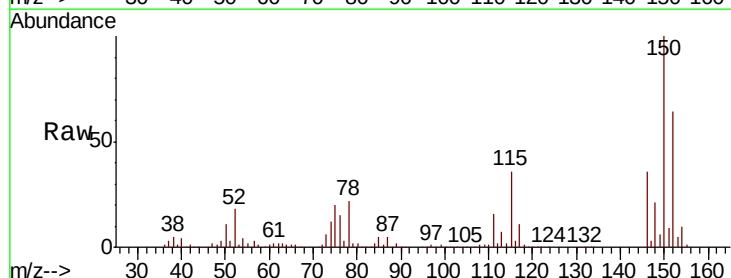
Tgt Ion:152 Resp: 73655

Ion Ratio Lower Upper

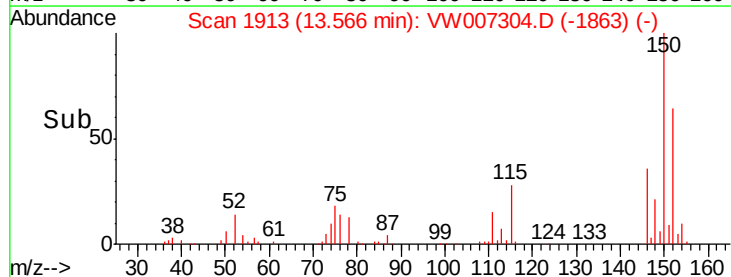
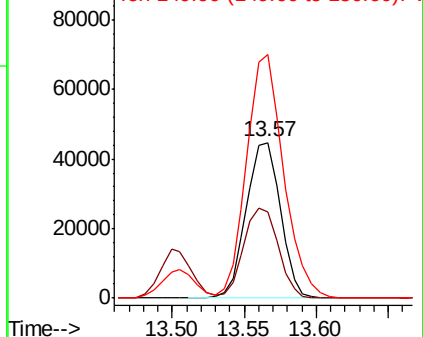
152 100

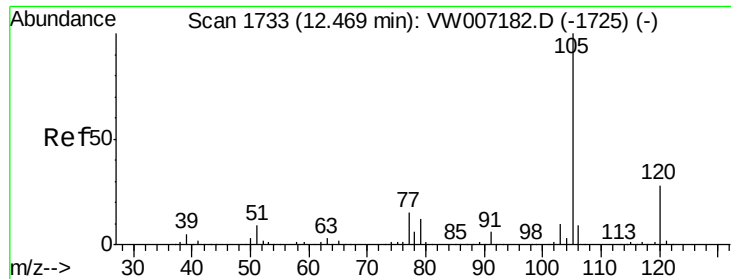
115 58.9 31.3 93.8

150 169.7 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.983 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

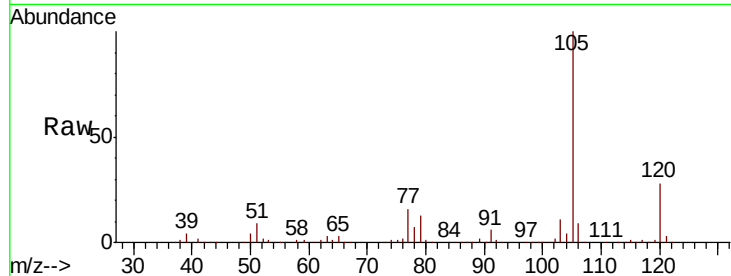
ClientSampleId :

Tot Ion:105 Resp: 299430

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

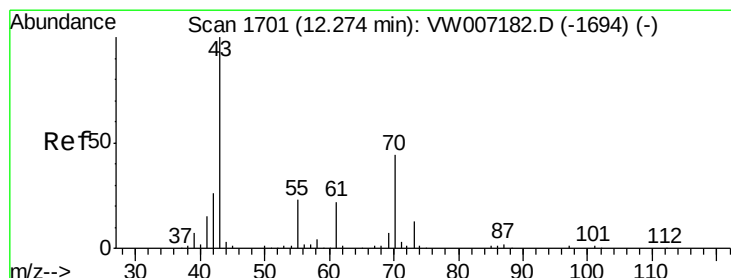
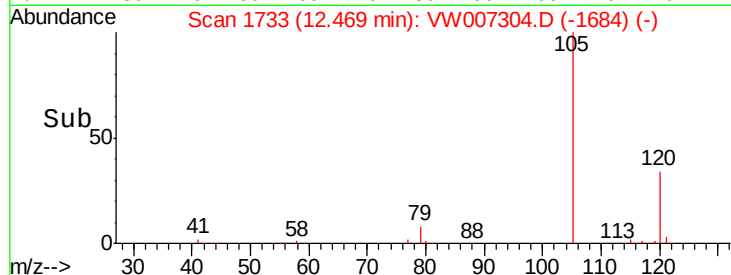
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 55.737 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Tgt Ion: 43 Resp: 59200

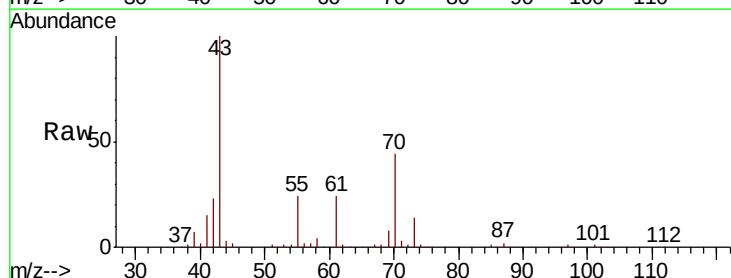
Ion Ratio Lower Upper

43 100

70 43.4 34.0 51.0

55 23.9 19.0 28.6

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

60000

50000

40000

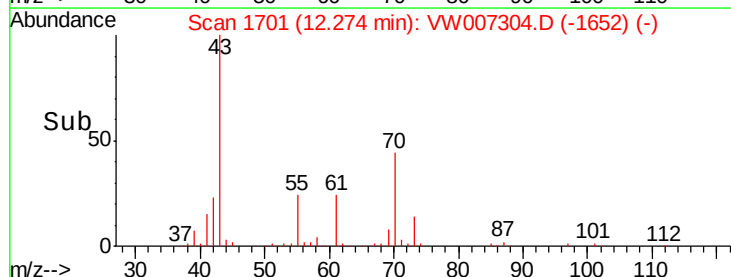
30000

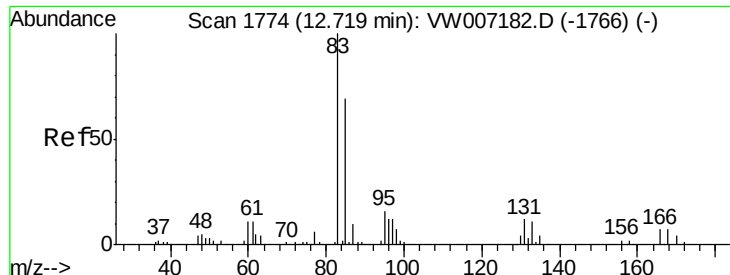
20000

10000

0

Time-->

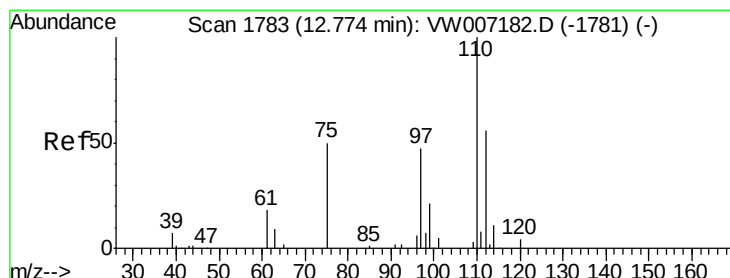
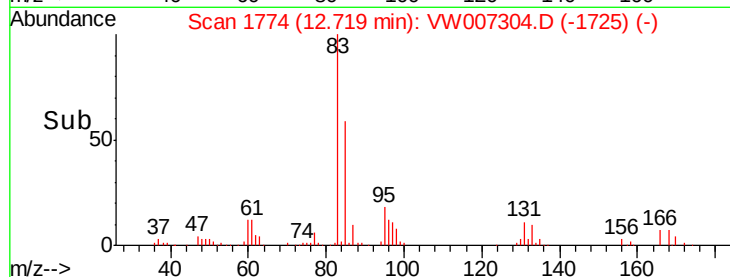
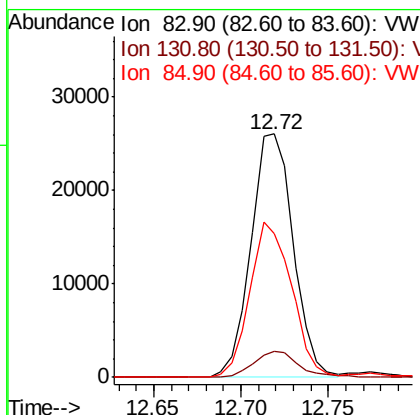
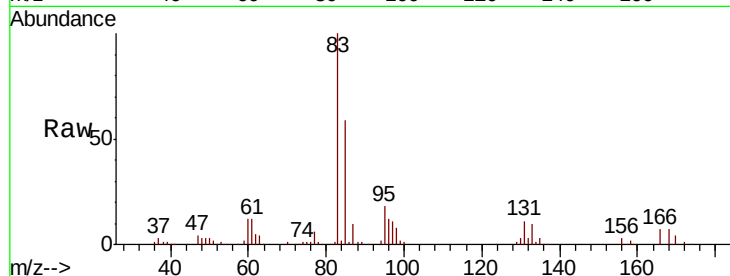




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.306 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

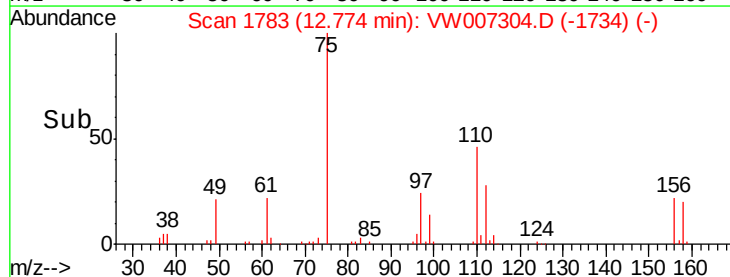
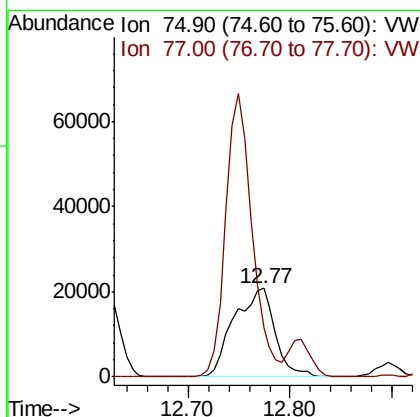
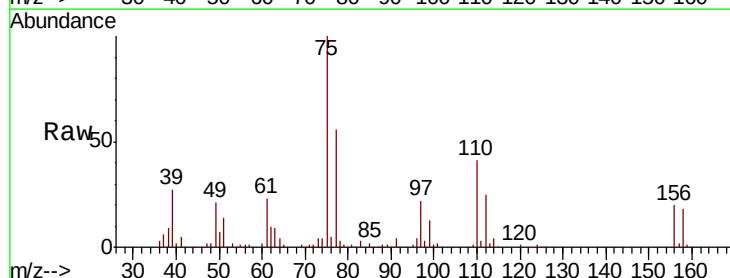
Instrument :
 MSVOA_W
 ClientSampleId :

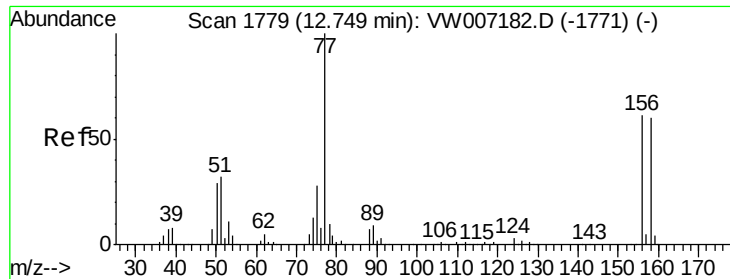
Tot Ion	83	Resp	43807
Ion Ratio	Lower	Upper	
83	100		
131	11.5	6.0	18.1
85	62.9	33.0	99.0



#76
 1,2,3-Trichloropropane
 Concen: 102.290 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion	75	Resp	58338
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.725 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

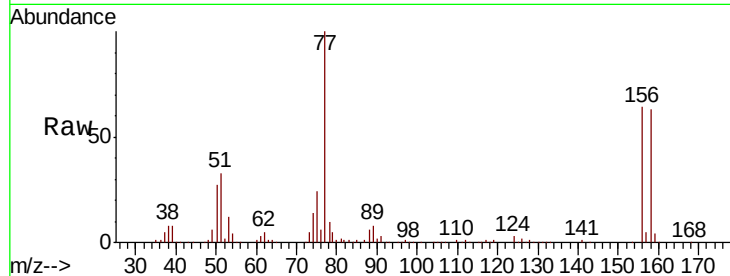
Tot Ion:156 Resp: 69471

Ion Ratio Lower Upper

156 100

77 173.4 92.0 276.1

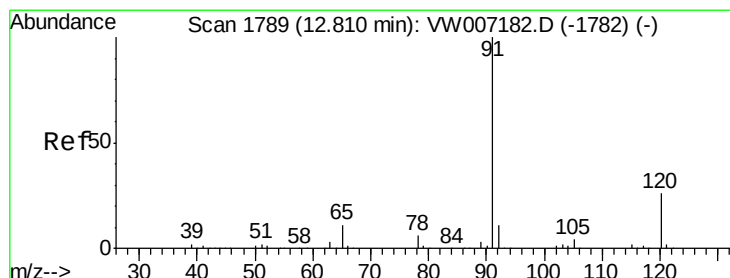
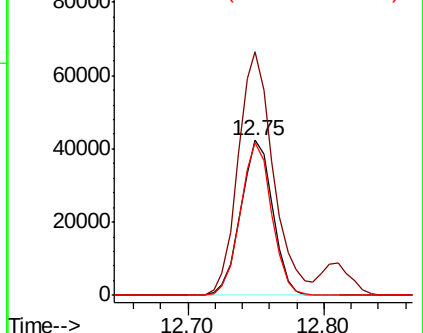
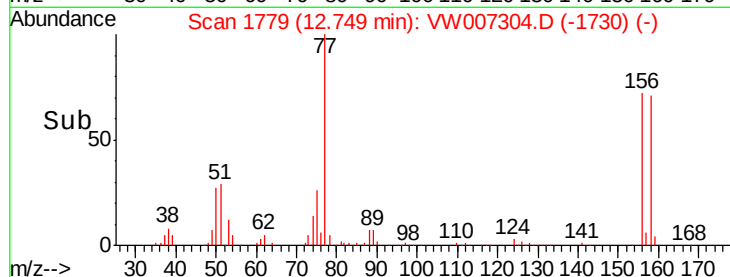
158 96.4 49.0 147.0



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: 50.010 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007304.D

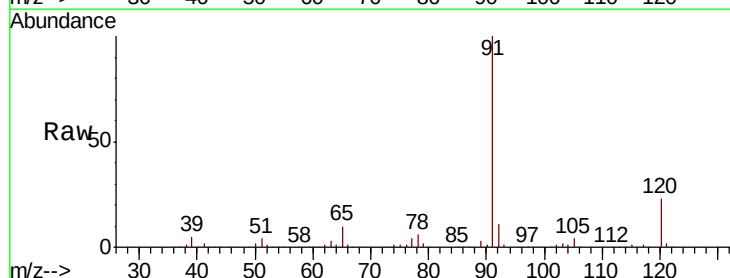
Acq: 07 Dec 2018 02:22

Tgt Ion: 91 Resp: 356925

Ion Ratio Lower Upper

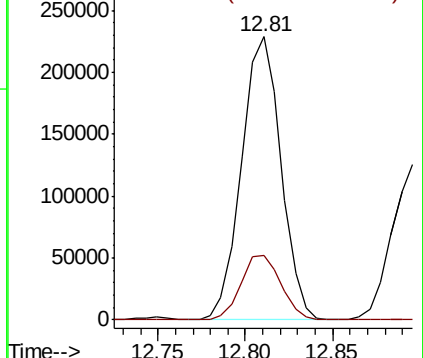
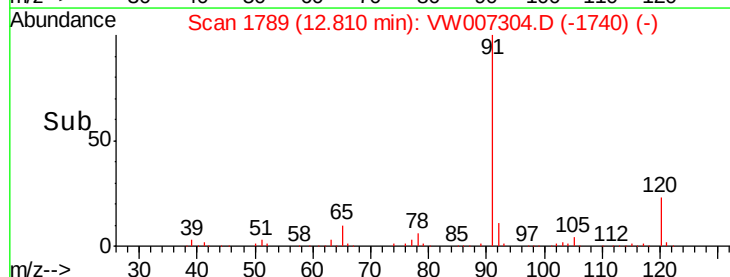
91 100

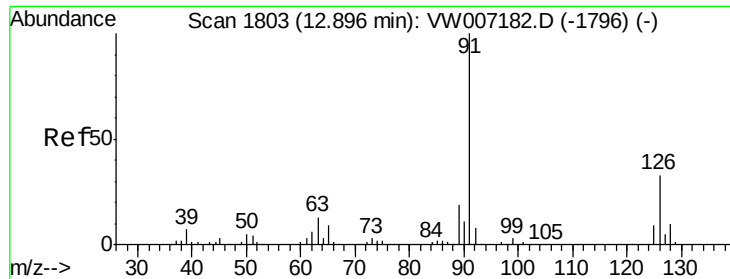
120 23.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

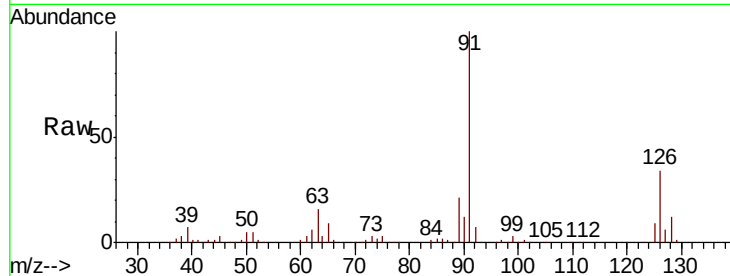




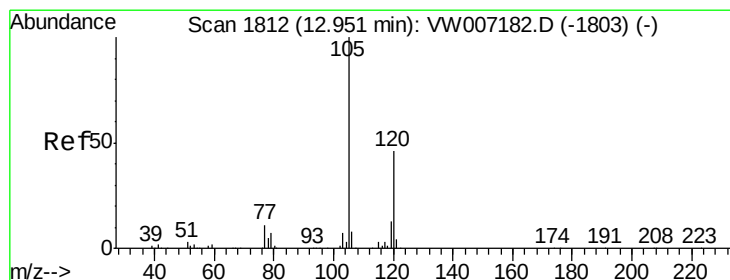
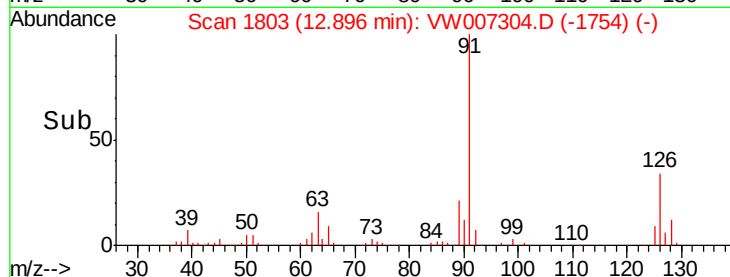
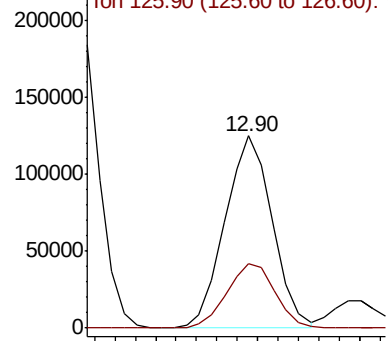
#79
 2-Chlorotoluene
 Concen: 49.870 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 91 Resp: 200992
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.7 50.1

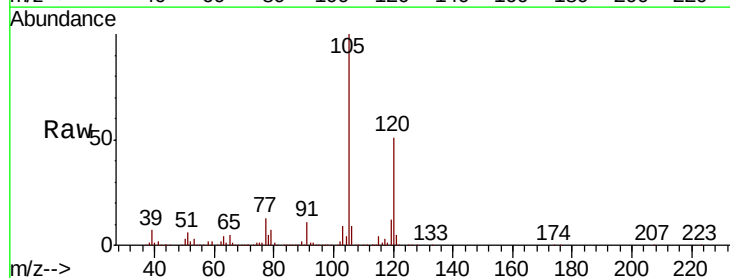


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

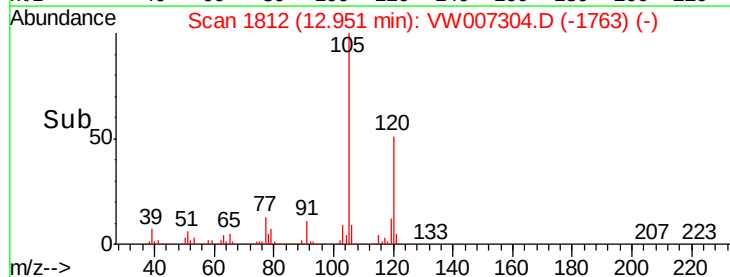
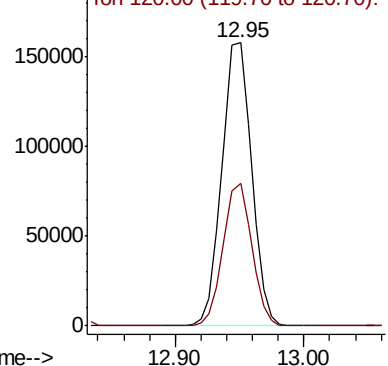


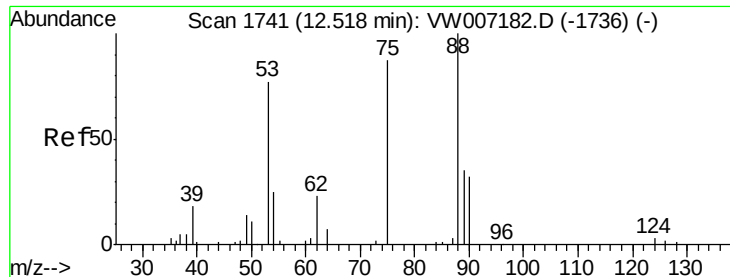
#80
 1,3,5-Trimethylbenzene
 Concen: 48.949 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 105 Resp: 250854
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.8 71.5



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.233 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

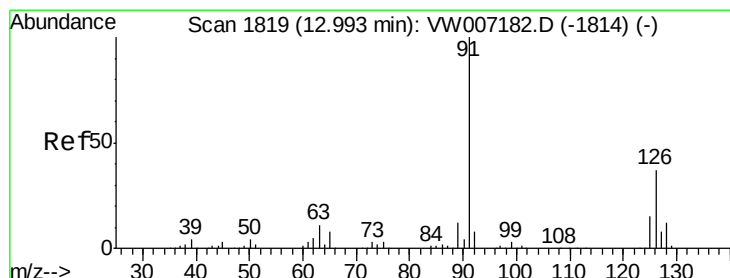
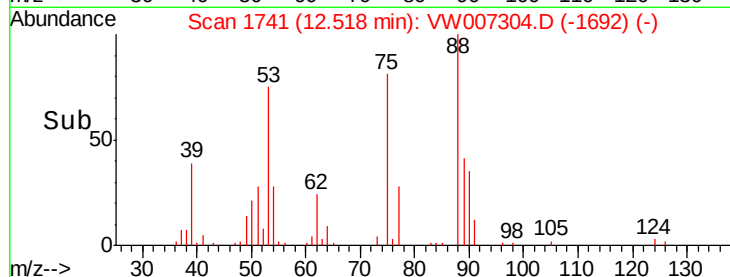
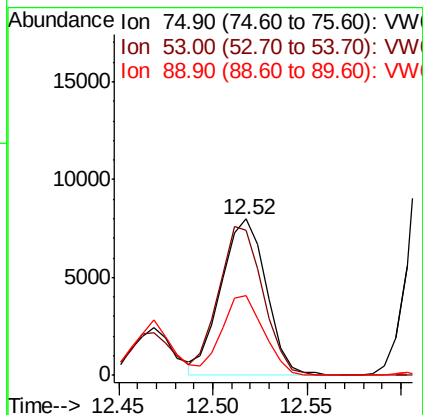
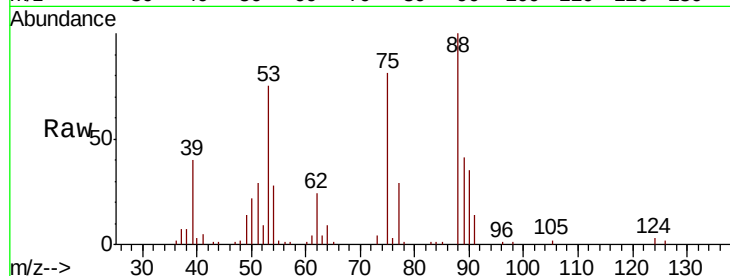
Tot Ion: 75 Resp: 13292

Ion Ratio Lower Upper

75 100

53 94.3 72.8 109.2

89 47.0 36.4 54.6



#82

4-Chlorotoluene

Concen: 52.300 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007304.D

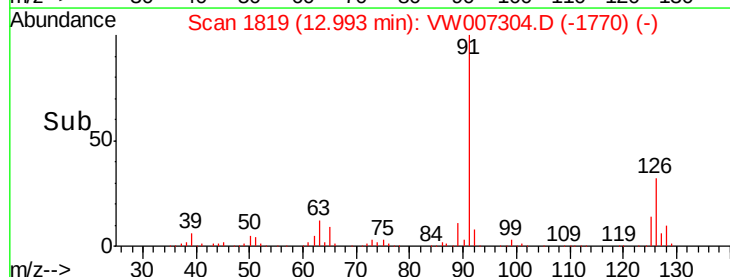
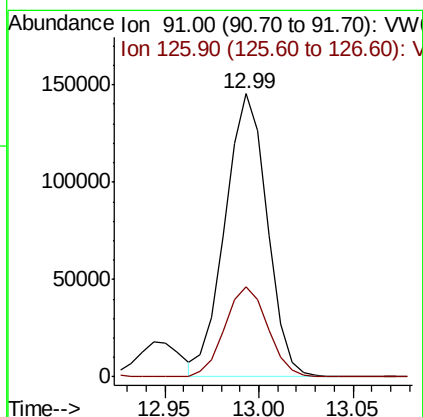
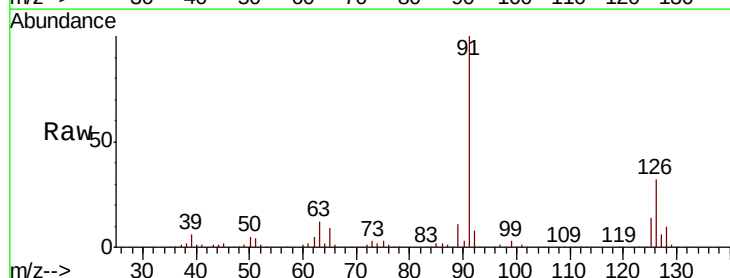
Acq: 07 Dec 2018 02:22

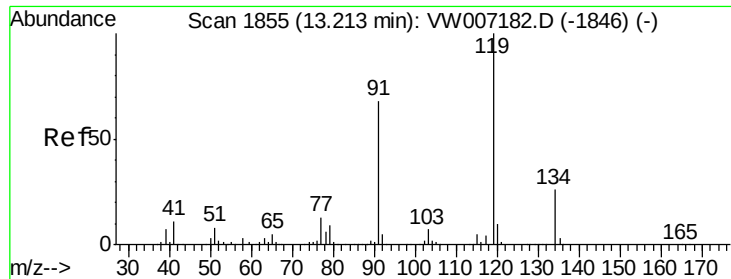
Tgt Ion: 91 Resp: 224243

Ion Ratio Lower Upper

91 100

126 32.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 51.326 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampleId :

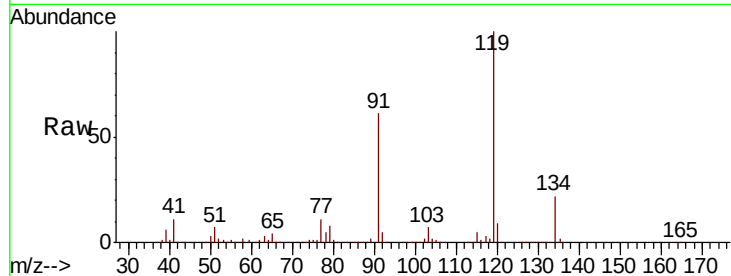
Tot Ion:119 Resp: 229869

Ion Ratio Lower Upper

119 100

91 64.2 34.0 101.8

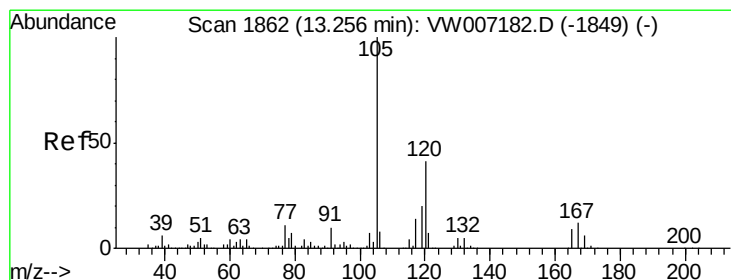
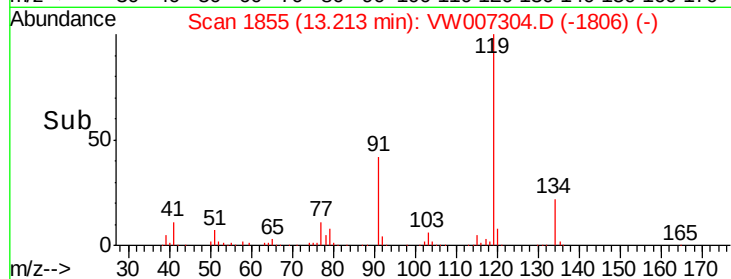
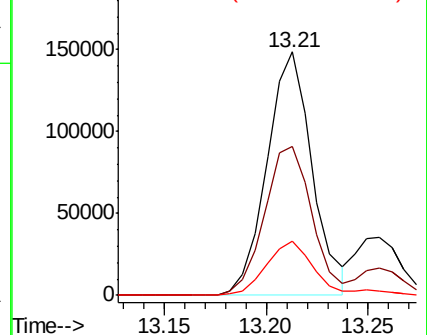
134 23.0 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.972 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007304.D

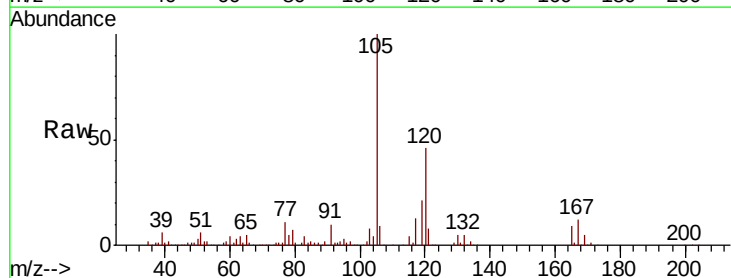
Acq: 07 Dec 2018 02:22

Tgt Ion:105 Resp: 256188

Ion Ratio Lower Upper

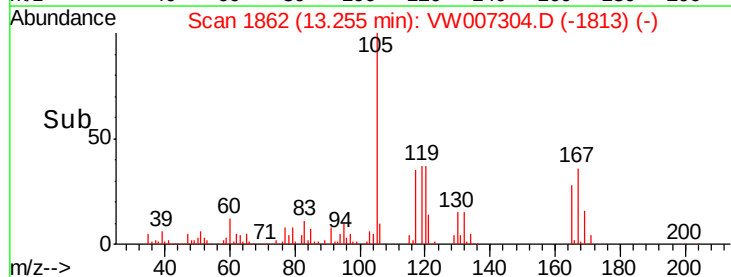
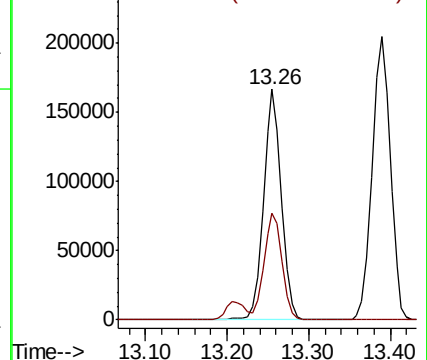
105 100

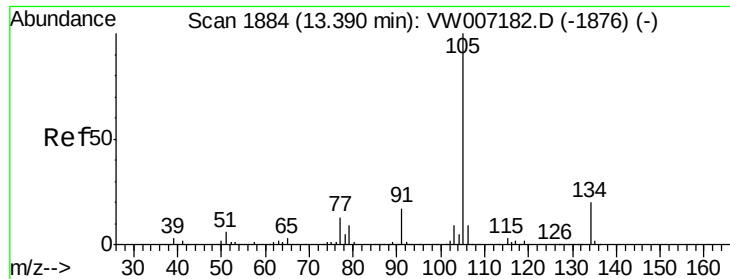
120 46.4 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

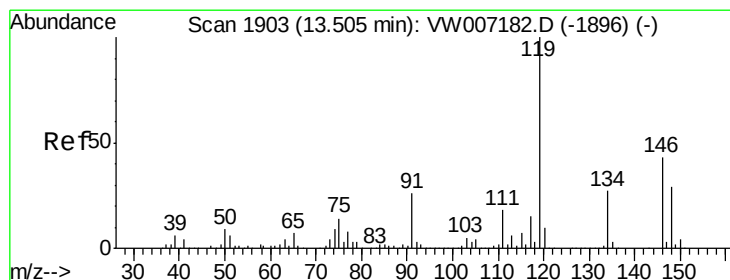
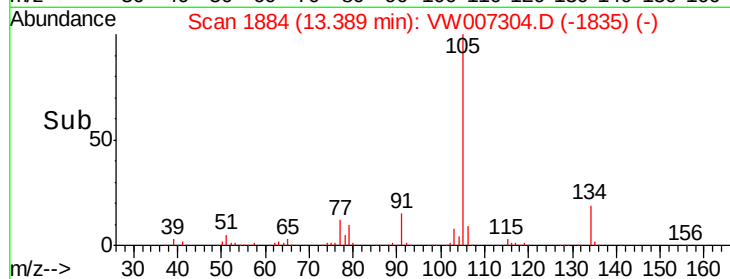
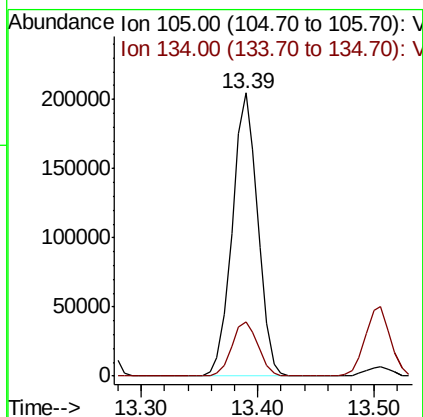
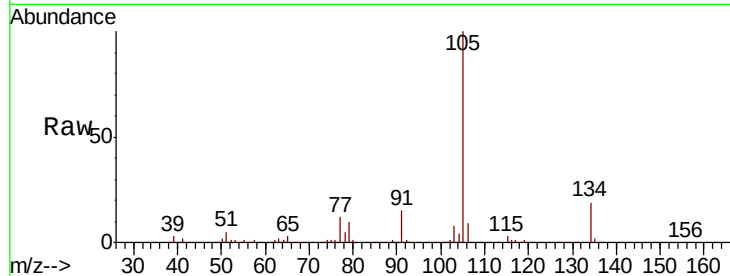




#85
 sec-Butylbenzene
 Concen: 48.731 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

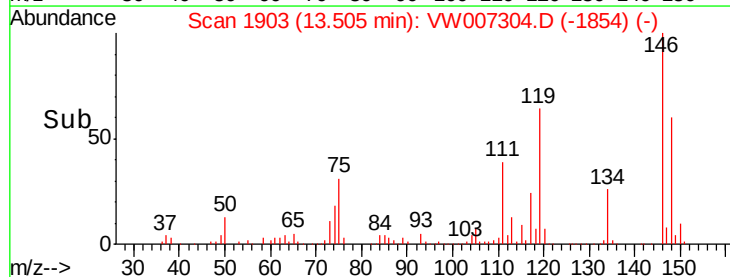
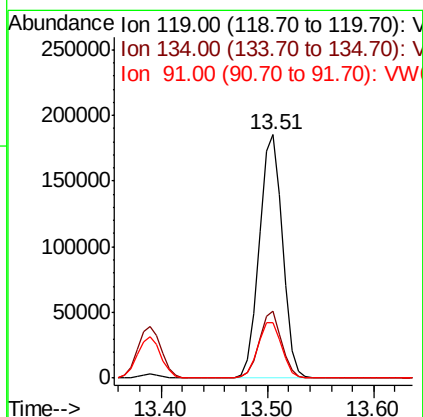
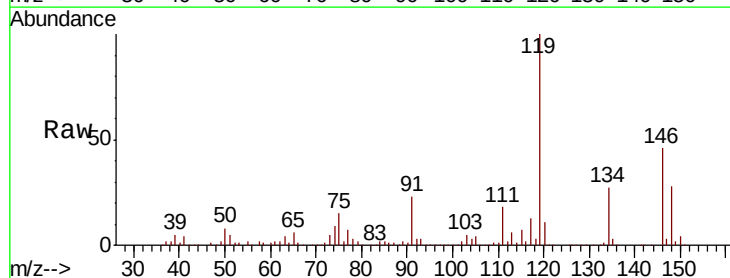
Instrument :
 MSVOA_W
 ClientSampleId :

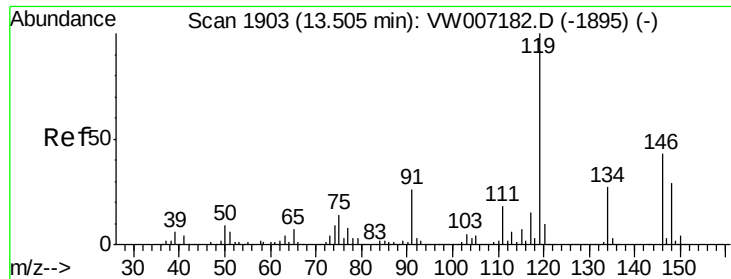
Tot Ion:105 Resp: 311569
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 49.955 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion:119 Resp: 284325
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.5 12.4 37.2

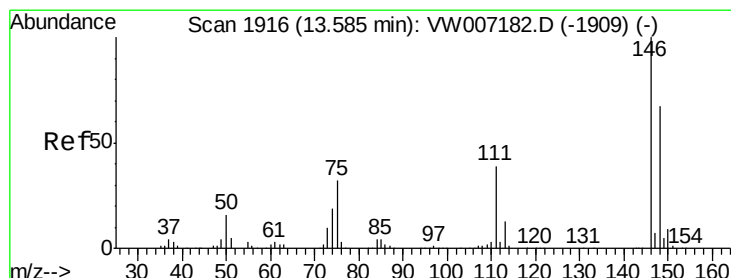
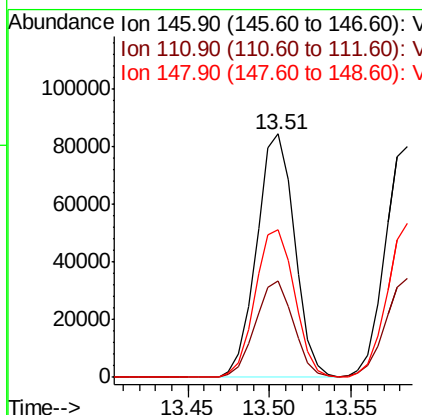
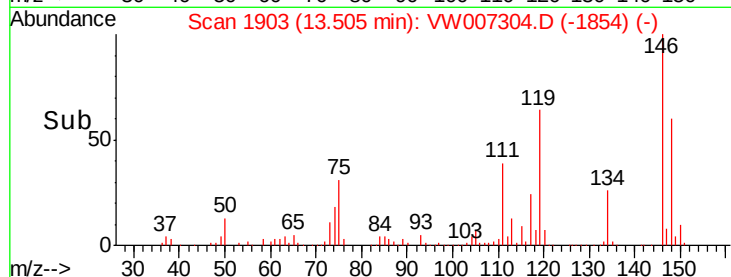
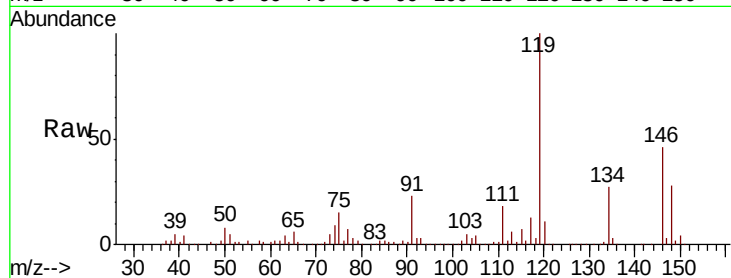




#87
 1,3-Dichlorobenzene
 Concen: 51.383 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

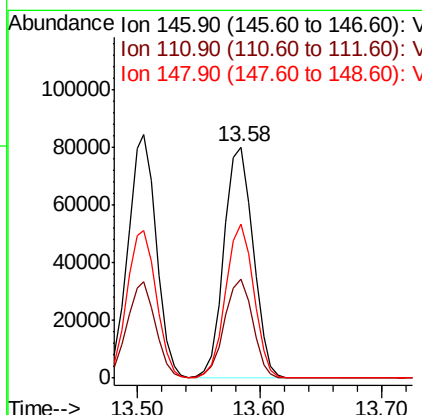
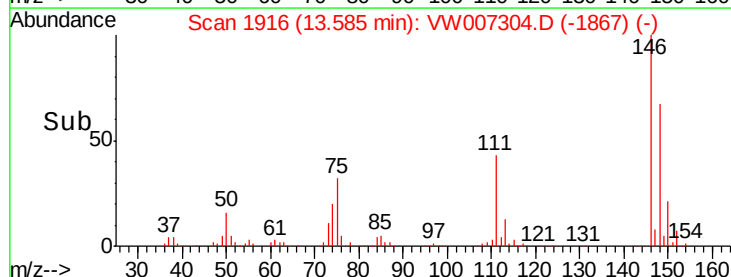
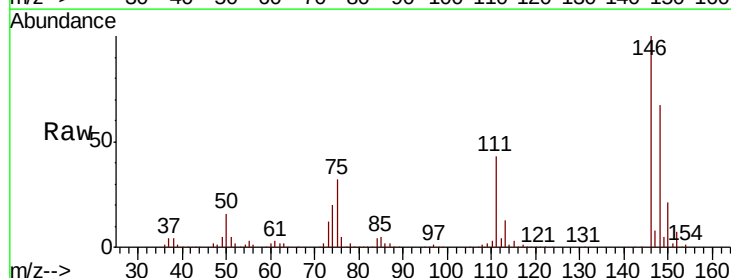
Instrument :
 MSVOA_W
 ClientSampleId :

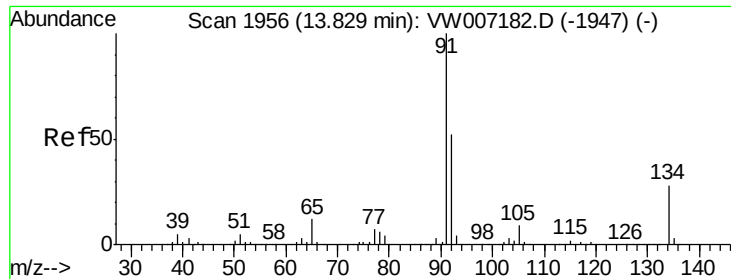
Tot Ion:146 Resp: 136397
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.1 63.4
 148 63.1 32.8 98.4



#88
 1,4-Dichlorobenzene
 Concen: 49.571 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion:146 Resp: 132917
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.6 58.8
 148 64.2 32.6 98.0





#89

n-Butylbenzene

Concen: 49.259 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007304.D

Acq: 07 Dec 2018 02:22

Instrument :

MSVOA_W

ClientSampled :

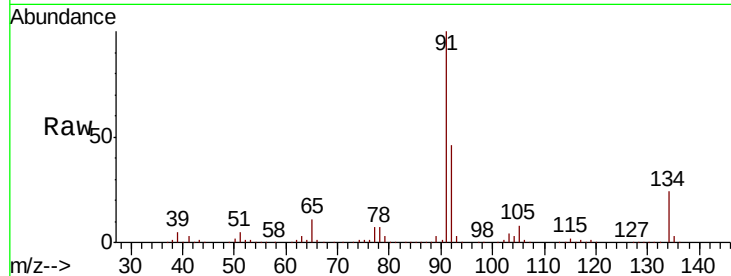
Tot Ion: 91 Resp: 261990

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

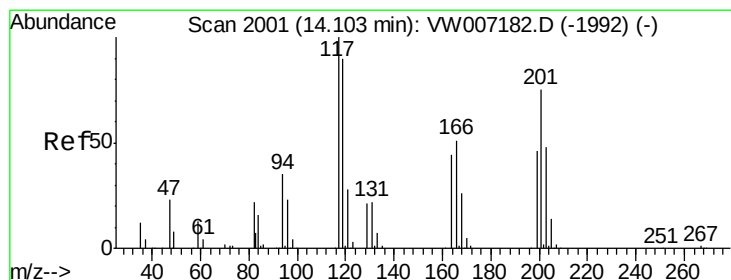
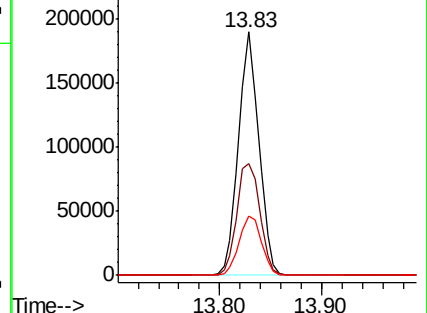
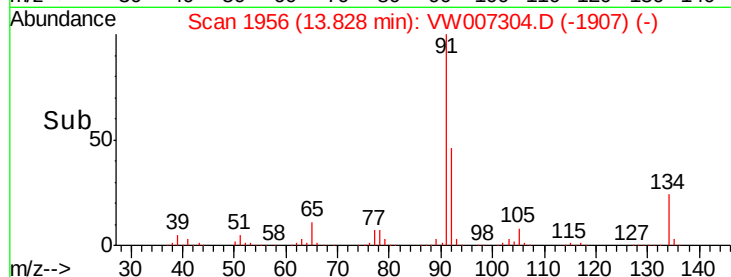
134 26.6 14.1 42.2



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: 50.632 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007304.D

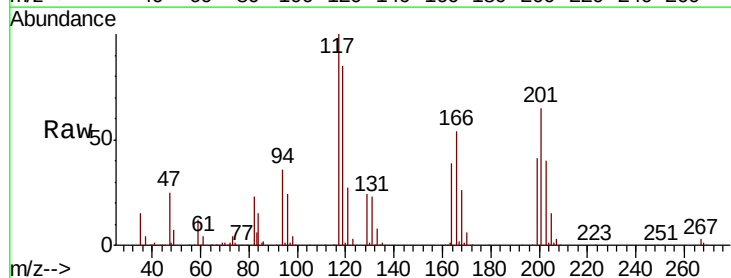
Acq: 07 Dec 2018 02:22

Tgt Ion: 117 Resp: 43915

Ion Ratio Lower Upper

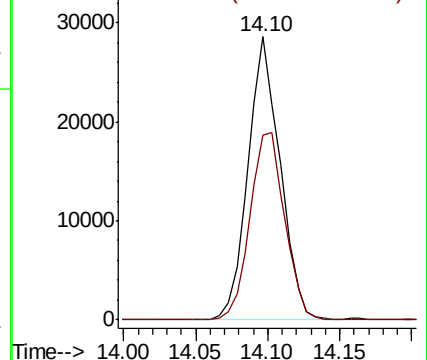
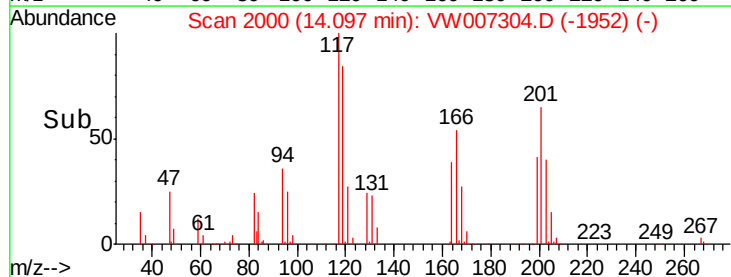
117 100

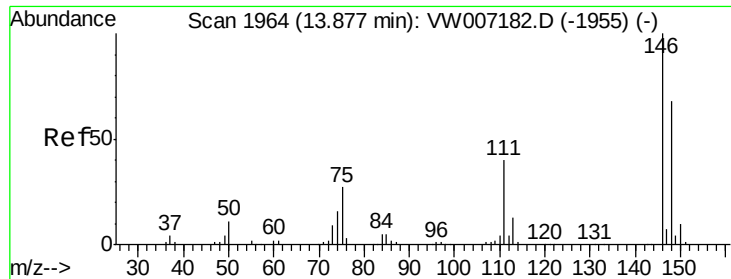
201 71.4 36.0 108.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

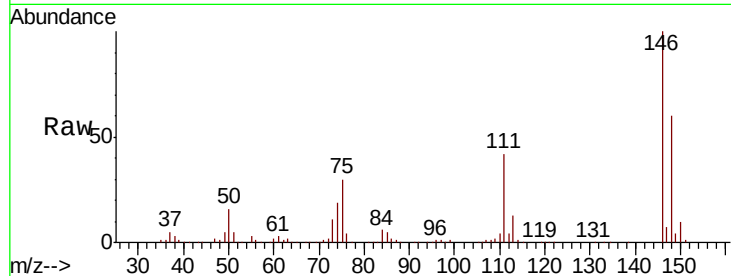




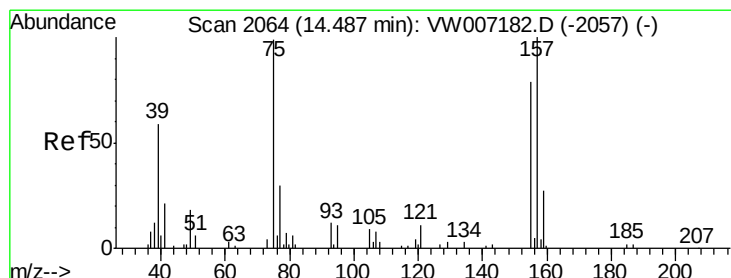
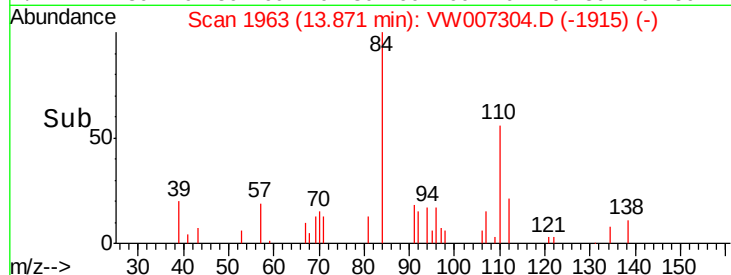
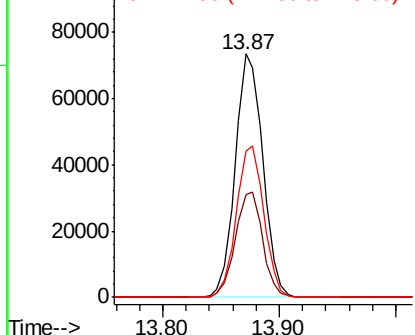
#91
 1,2-Dichlorobenzene
 Concen: 52.943 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:146 Resp: 121664
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.6 65.0
 148 62.0 32.7 98.1

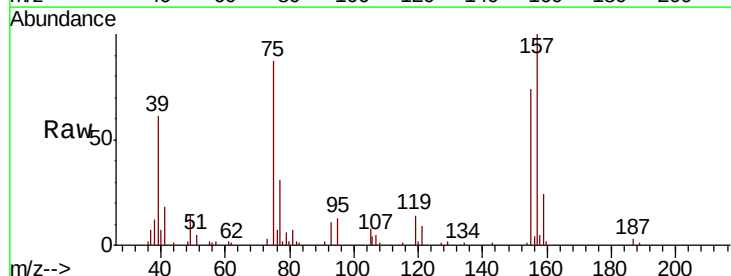


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

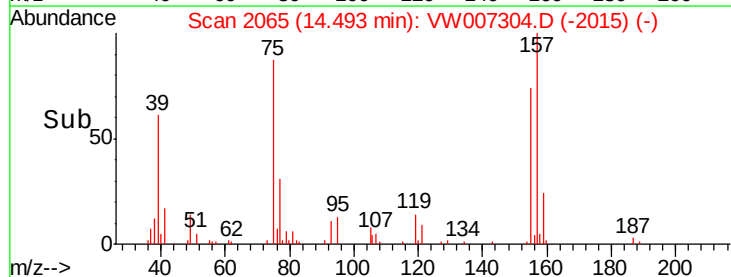
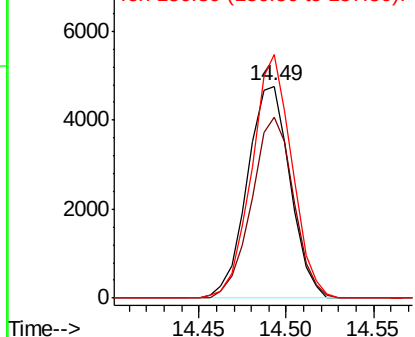


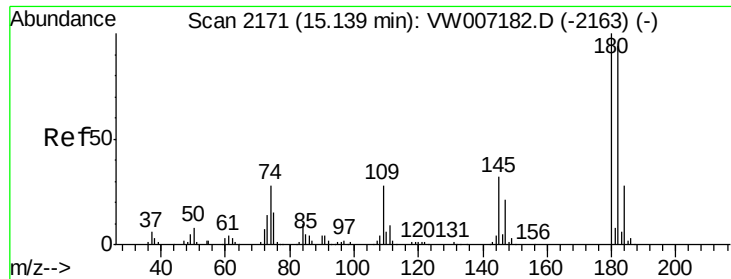
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.268 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007304.D
 Acq: 07 Dec 2018 02:22

Tgt Ion: 75 Resp: 8179
 Ion Ratio Lower Upper
 75 100
 155 83.7 42.4 127.2
 157 107.7 55.3 165.9



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

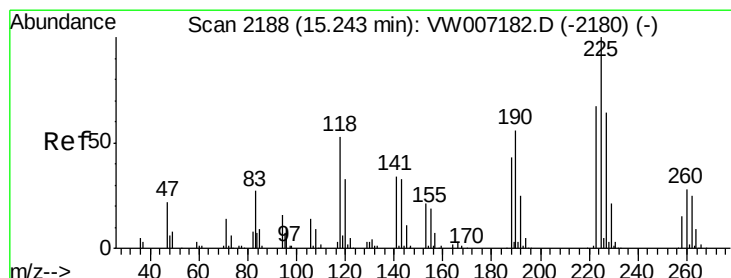
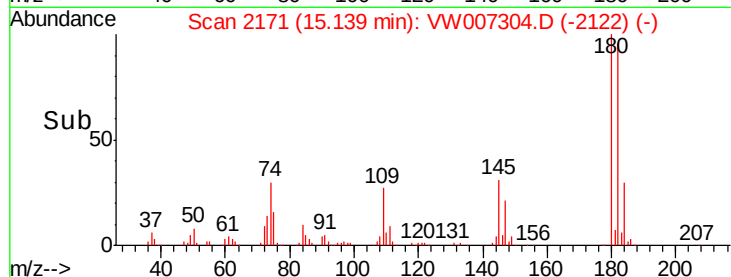
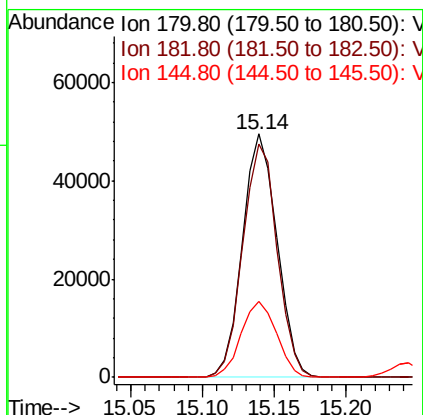
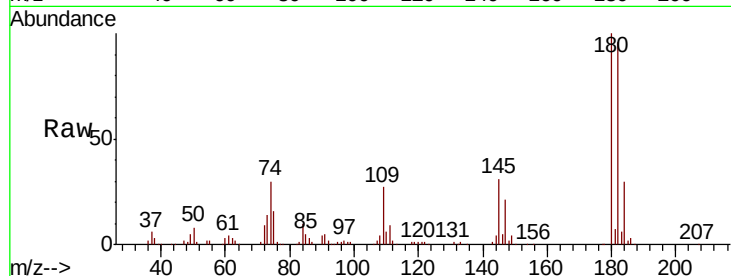




#93
1,2,4-Trichlorobenzene
Concen: 51.639 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

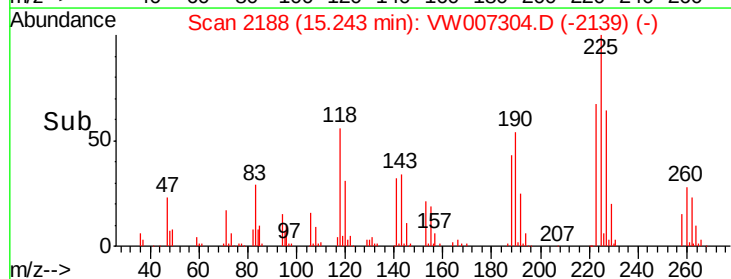
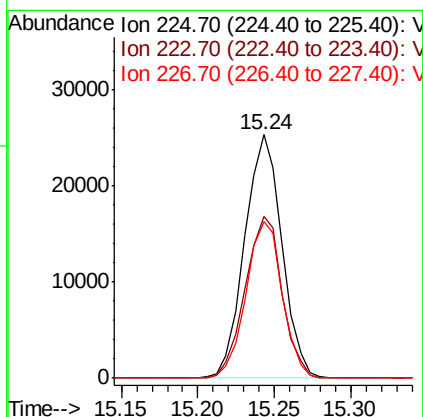
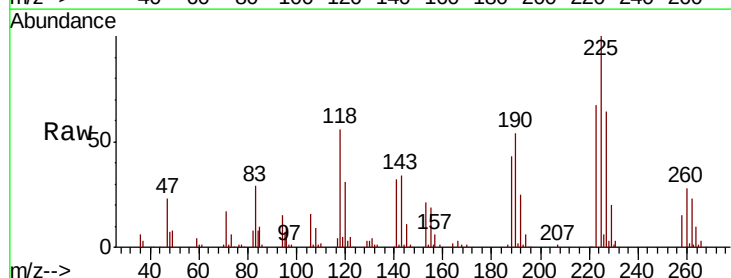
Instrument :
MSVOA_W
ClientSampled :

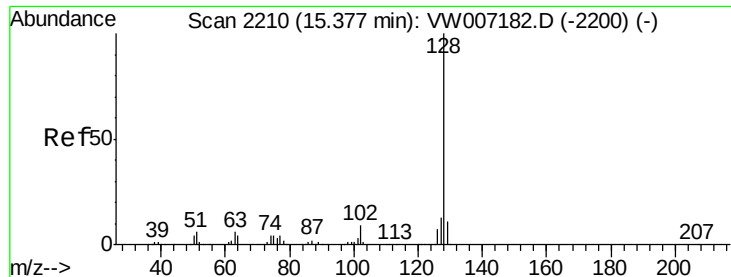
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	32.1	16.6	49.7



#94
Hexachlorobutadiene
Concen: 49.714 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.3	96.8
227	62.9	32.1	96.3

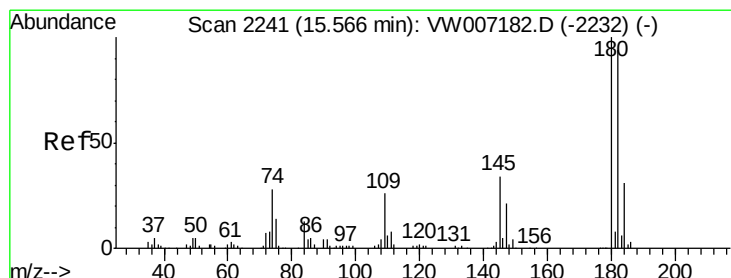
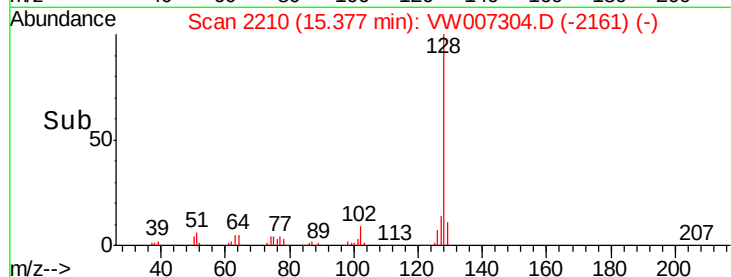
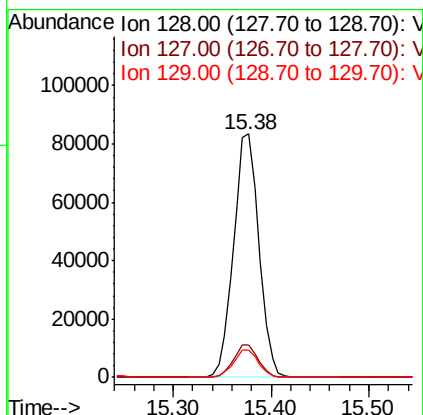
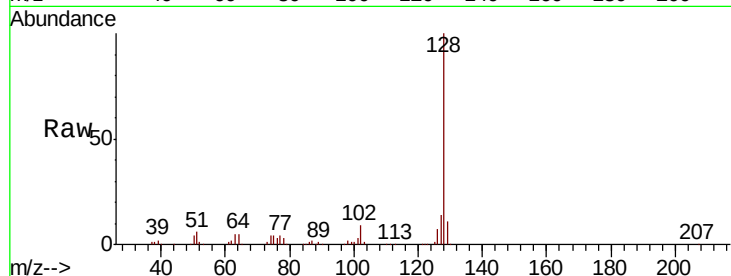




#95
Naphthalene
Concen: 52.583 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 150082
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007304.D
Acq: 07 Dec 2018 02:22

Tgt Ion:180 Resp: 70153
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 34.1 17.6 52.8

