

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
 Data File : VW008266.D
 Acq On : 15 Jan 2019 01:50
 Operator : SY/VA
 Sample : VW0114SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Quant Time: Jan 15 11:00:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50214	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.88	113	48139	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
50) Toluene-d8	10.32	98	191204	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	68676	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	11871	17.041	ug/l	90
3) Chloromethane	2.21	50	16364	18.106	ug/l	94
4) Vinyl Chloride	2.37	62	22275	18.884	ug/l	98
5) Bromomethane	2.78	94	20718	23.447	ug/l	94
6) Chloroethane	2.93	64	16417	18.496	ug/l	98
7) Trichlorofluoromethane	3.26	101	16864	17.586	ug/l	100
8) Diethyl Ether	3.68	74	11935	22.015	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18350	19.273	ug/l	98
10) Methyl Iodide	4.26	142	28489	20.531	ug/l	98
11) Tert butyl alcohol	5.23	59	6570	94.915	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	18076	19.338	ug/l	93
13) Acrolein	3.89	56	4724	72.903	ug/l	98
14) Allyl chloride	4.66	41	30830	18.166	ug/l	99
15) Acrylonitrile	5.37	53	22978	111.330	ug/l	99
16) Acetone	4.14	43	17919	90.412	ug/l	92
17) Carbon Disulfide	4.38	76	54852	18.784	ug/l	97
18) Methyl Acetate	4.67	43	13263	21.874	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	30282	19.927	ug/l	99
20) Methylene Chloride	4.90	84	22153	20.629	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	21078	20.750	ug/l	86
22) Diisopropyl ether	6.31	45	62686	19.367	ug/l	91
23) Vinyl Acetate	6.26	43	168489	99.114	ug/l	97
24) 1,1-Dichloroethane	6.21	63	38335	20.327	ug/l	97
25) 2-Butanone	7.18	43	26787	100.355	ug/l	98
26) 2,2-Dichloropropane	7.16	77	22857	17.887	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	22659	20.445	ug/l	97
28) Bromochloromethane	7.51	49	14984	20.087	ug/l	90
29) Tetrahydrofuran	7.54	42	18738	105.093	ug/l	96
30) Chloroform	7.68	83	38050	21.196	ug/l	94
31) Cyclohexane	7.96	56	35565	17.616	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	31579	20.217	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29614	19.453	ug/l	98
37) Ethyl Acetate	7.26	43	13146	21.554	ug/l	96
38) Carbon Tetrachloride	8.07	117	28655	20.565	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34296	17.767	ug/l	96
40) Benzene	8.32	78	86387	20.921	ug/l	98
41) Methacrylonitrile	7.48	41	7597	19.718	ug/l	92
42) 1,2-Dichloroethane	8.40	62	24022	20.685	ug/l	98
43) Isopropyl Acetate	8.43	43	24372	19.986	ug/l	98
44) Trichloroethene	9.09	130	23124	21.877	ug/l	89
45) 1,2-Dichloropropane	9.37	63	22203	21.686	ug/l	91
46) Dibromomethane	9.46	93	11376	22.625	ug/l	97
47) Bromodichloromethane	9.64	83	27694	21.691	ug/l #	99
48) Methyl methacrylate	9.44	41	11602	20.163	ug/l	92
49) 1,4-Dioxane	9.47	88	4022	497.392	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	63946	108.332	ug/l	100
52) Toluene	10.39	92	55456	21.030	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	27067	20.381	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	31169	19.792	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16180	22.919	ug/l	94
56) Ethyl methacrylate	10.65	69	18599	21.274	ug/l	96
57) 1,3-Dichloropropane	10.93	76	27566	21.351	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	49407	109.405	ug/l	97
59) 2-Hexanone	10.97	43	42366	106.134	ug/l	97
60) Dibromochloromethane	11.13	129	17897	23.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15074	22.503	ug/l	100
64) Tetrachloroethene	10.86	164	18889	21.282	ug/l	97
65) Chlorobenzene	11.66	112	60199	20.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	19971	21.251	ug/l	98
67) Ethyl Benzene	11.73	91	104878	19.838	ug/l	97
68) m/p-Xylenes	11.84	106	81361	40.320	ug/l	99
69) o-Xylene	12.17	106	38013	20.342	ug/l	100
70) Styrene	12.18	104	62472	21.344	ug/l	97
71) Bromoform	12.35	173	9942	23.638	ug/l #	94
73) Isopropylbenzene	12.47	105	103519	19.708	ug/l	99
74) N-amyl acetate	12.27	43	23170	19.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	18456	21.951	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24055	39.440	ug/l	23
77) Bromobenzene	12.75	156	23821	21.462	ug/l	92
78) n-propylbenzene	12.80	91	126028	19.581	ug/l	98
79) 2-Chlorotoluene	12.90	91	72286	20.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	87752	20.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5436	20.755	ug/l	99
82) 4-Chlorotoluene	12.99	91	76107	20.125	ug/l	96
83) tert-Butylbenzene	13.21	119	76335	19.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	91064	20.455	ug/l	99
85) sec-Butylbenzene	13.39	105	106834	19.098	ug/l	98
86) p-Isopropyltoluene	13.51	119	93532	19.363	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	46900	20.831	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	48004	21.251	ug/l	99
89) n-Butylbenzene	13.83	91	90844	19.201	ug/l	99
90) Hexachloroethane	14.10	117	17304	21.208	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	44131	22.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3224	23.827	ug/l	97

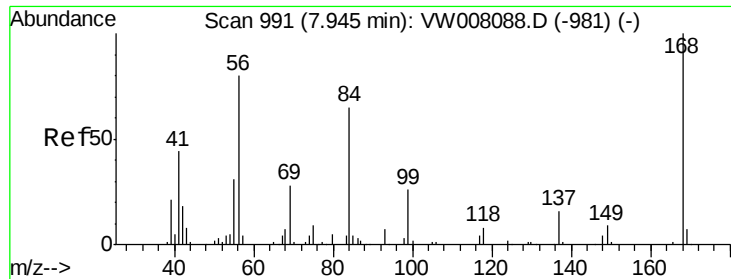
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27536	20.961	ug/l	100
94) Hexachlorobutadiene	15.24	225	15371	21.861	ug/l	98
95) Naphthalene	15.38	128	50981	20.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	25122	22.433	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

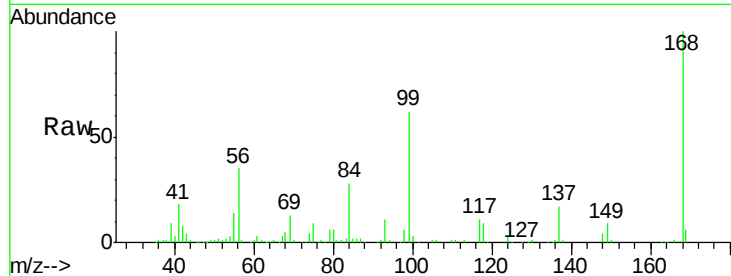
VW0114SBSD02

Tgt Ion:168 Resp: 85358

Ion Ratio Lower Upper

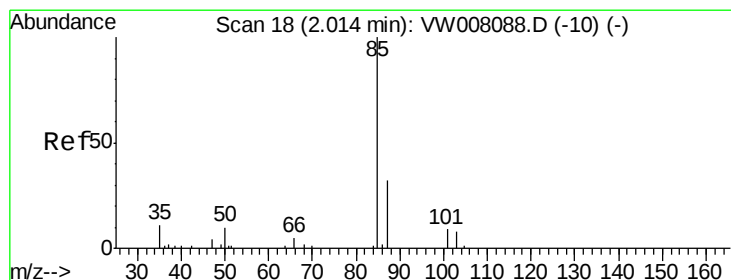
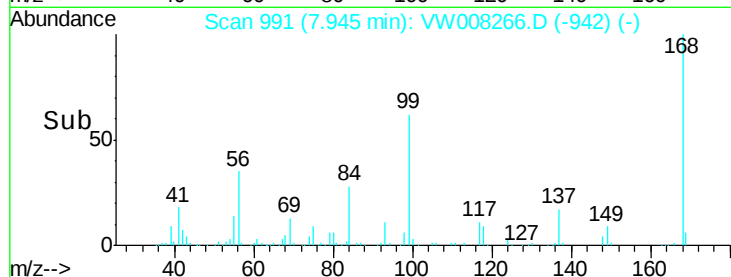
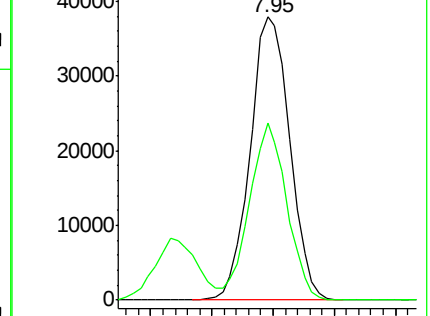
168 100

99 62.4 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.041 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008266.D

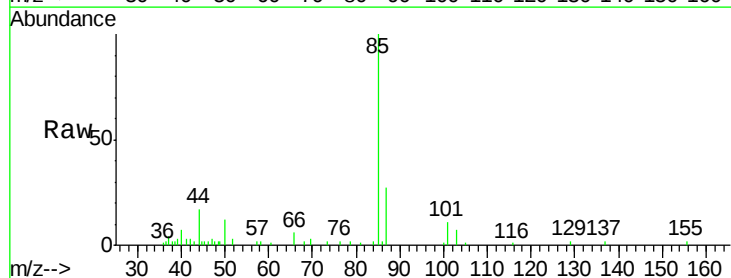
Acq: 15 Jan 2019 01:50

Tgt Ion: 85 Resp: 11871

Ion Ratio Lower Upper

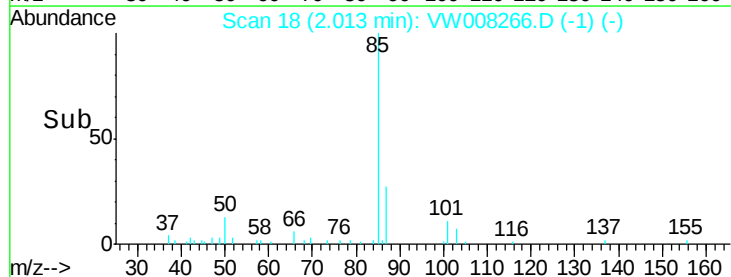
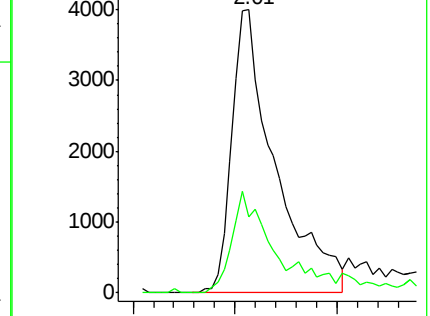
85 100

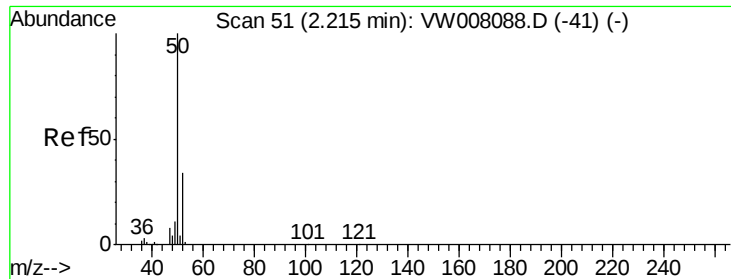
87 26.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.106 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

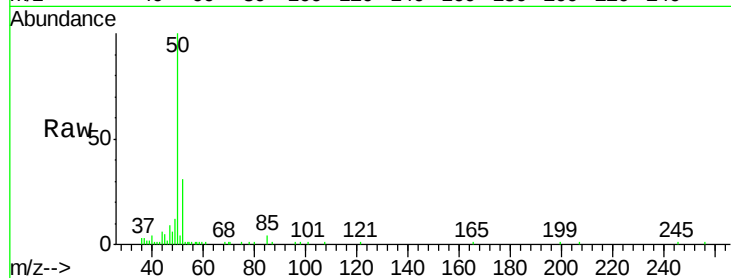
VW0114SBSD02

Tgt Ion: 50 Resp: 16364

Ion Ratio Lower Upper

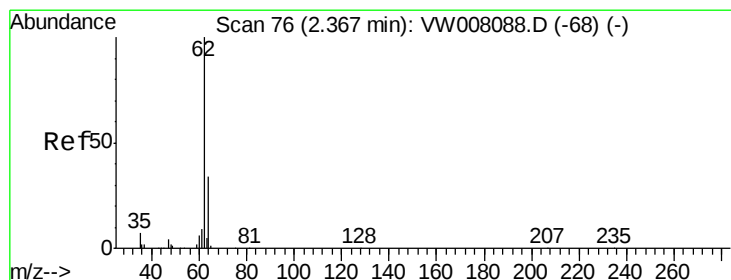
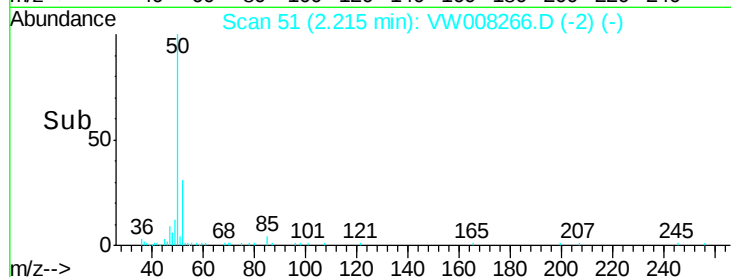
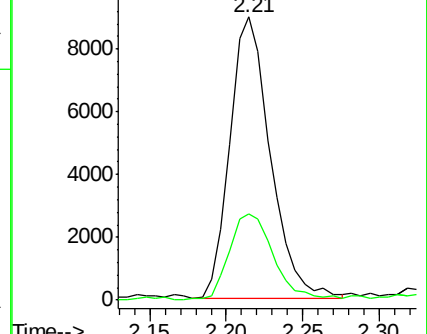
50 100

52 30.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.884 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008266.D

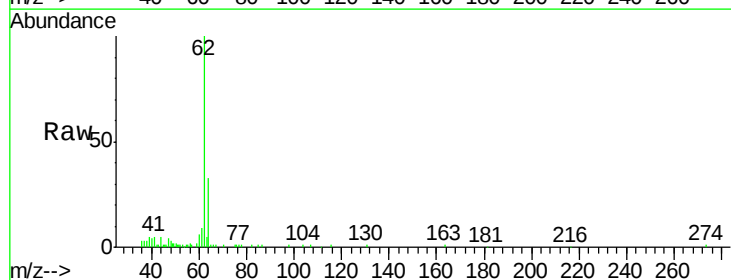
Acq: 15 Jan 2019 01:50

Tgt Ion: 62 Resp: 22275

Ion Ratio Lower Upper

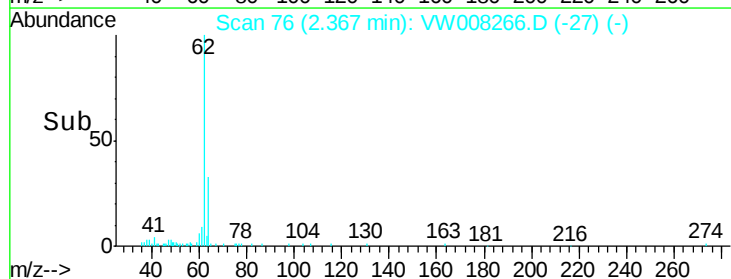
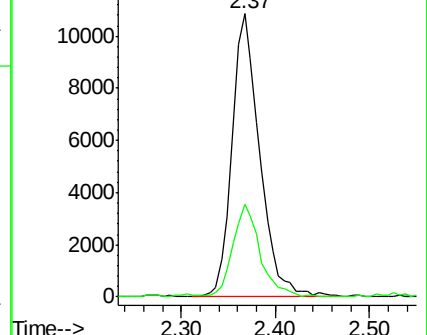
62 100

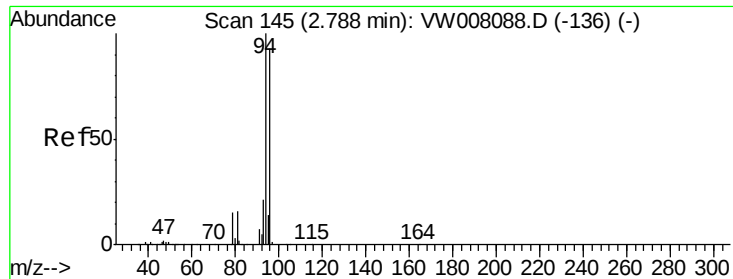
64 32.7 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.447 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

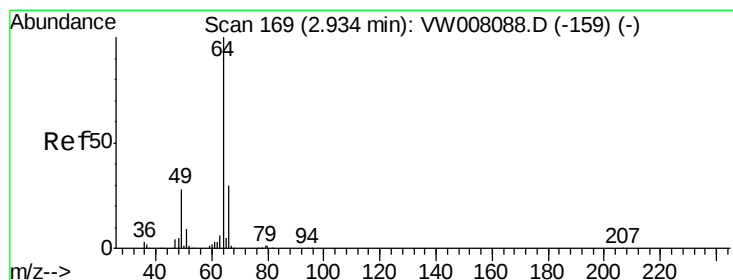
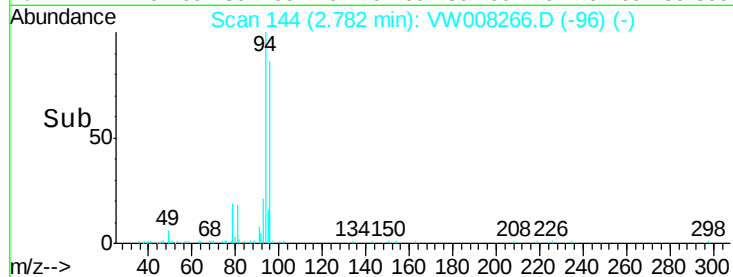
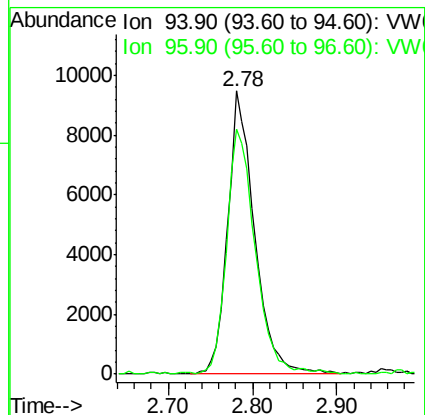
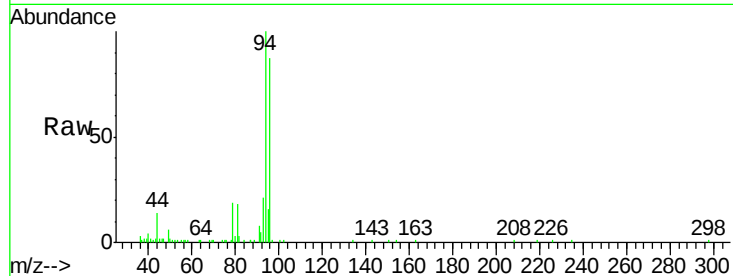
VW0114SBSD02

Tgt Ion: 94 Resp: 20718

Ion Ratio Lower Upper

94 100

96 86.7 74.1 111.1



#6

Chloroethane

Concen: 18.496 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008266.D

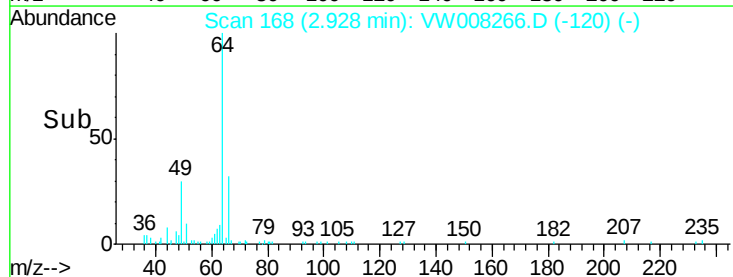
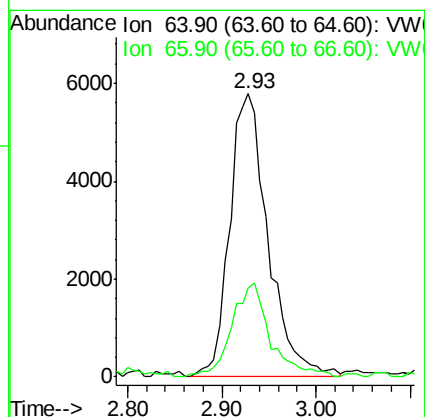
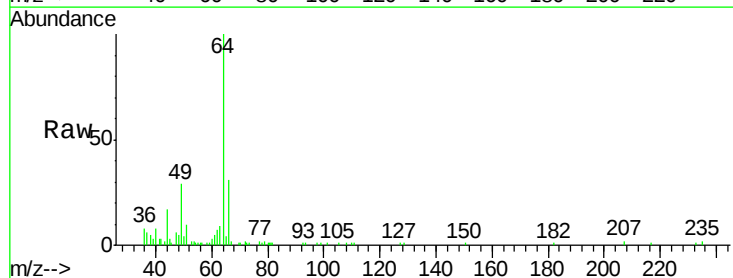
Acq: 15 Jan 2019 01:50

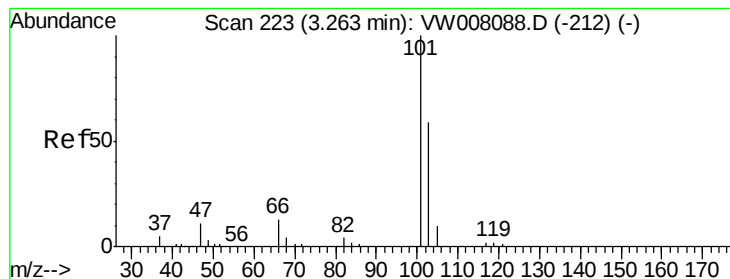
Tgt Ion: 64 Resp: 16417

Ion Ratio Lower Upper

64 100

66 31.2 24.2 36.2



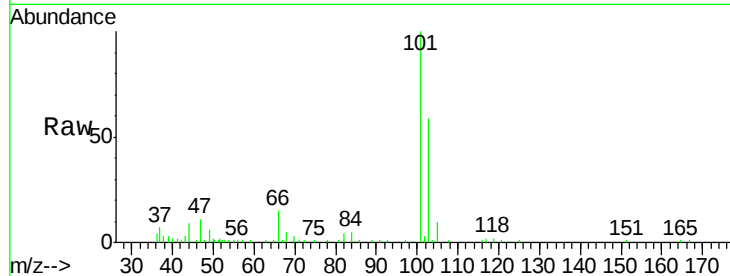


#7

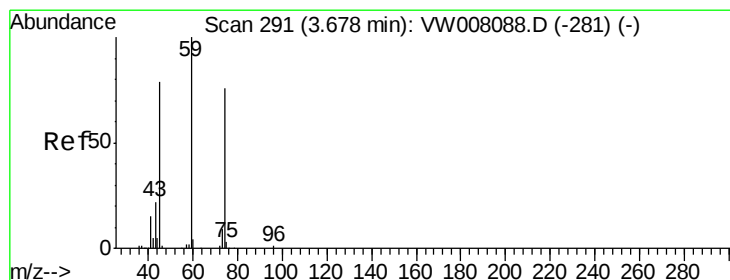
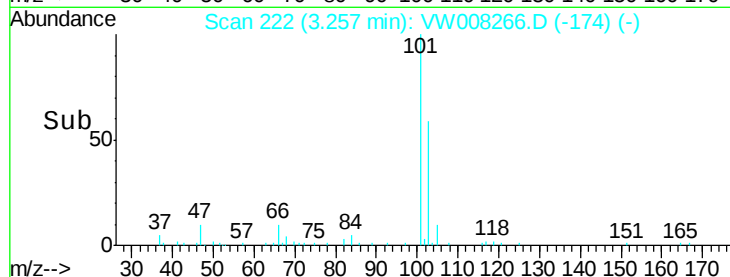
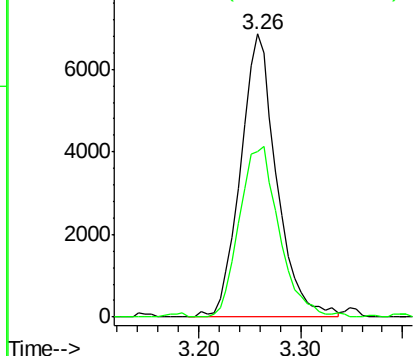
Trichlorofluoromethane
 Concen: 17.586 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
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 VW0114SBSD02

Tgt Ion: 101 Resp: 16864
 Ion Ratio Lower Upper
 101 100
 103 58.7 47.0 70.6



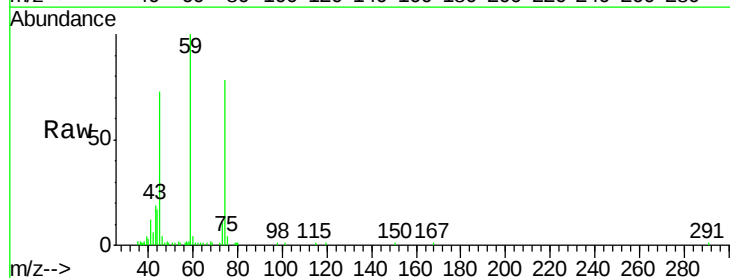
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



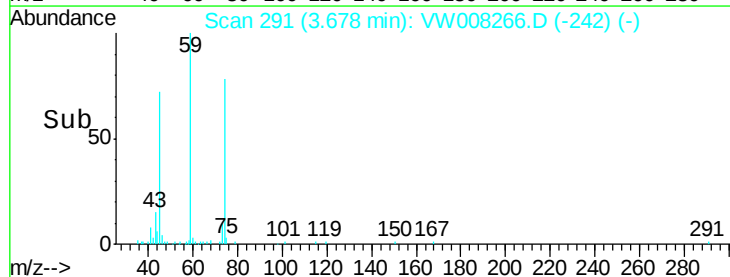
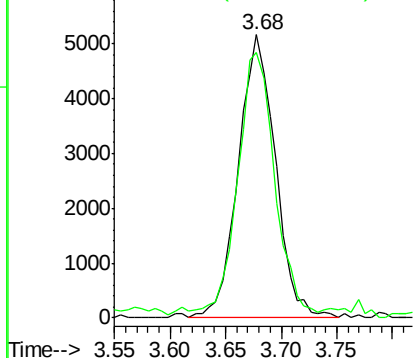
#8

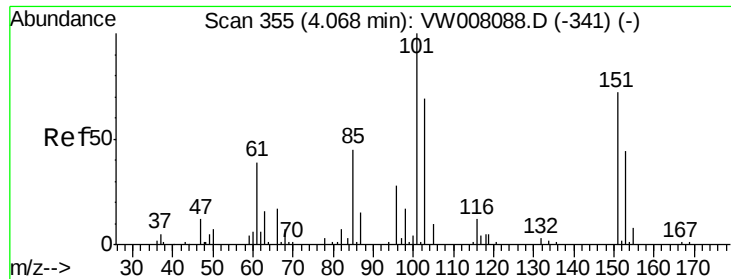
Diethyl Ether
 Concen: 22.015 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 74 Resp: 11935
 Ion Ratio Lower Upper
 74 100
 45 89.9 52.4 157.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.273 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

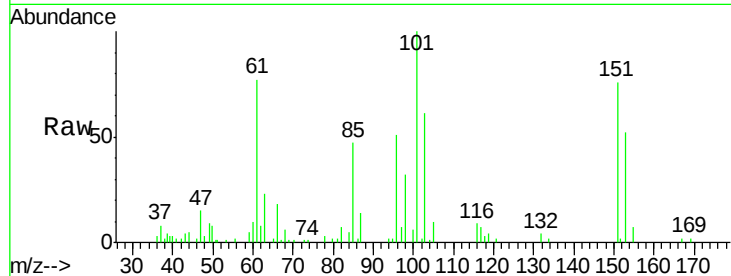
Tgt Ion:101 Resp: 18350

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

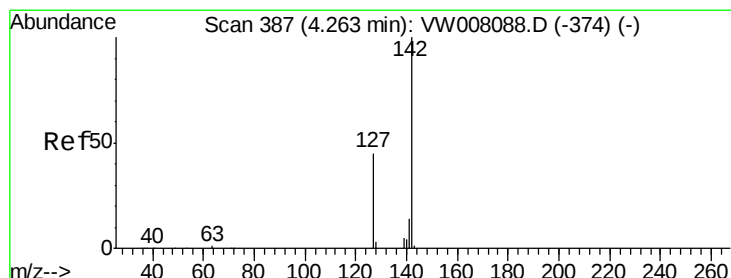
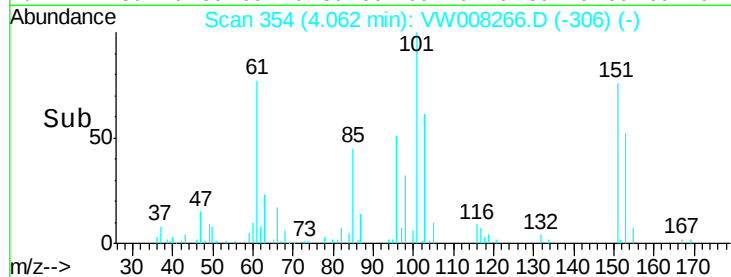
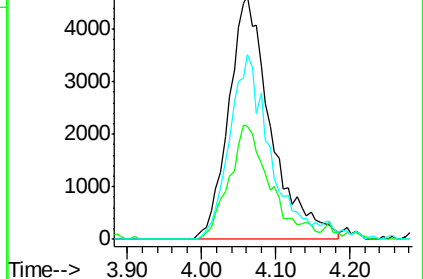
151 72.2 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.531 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

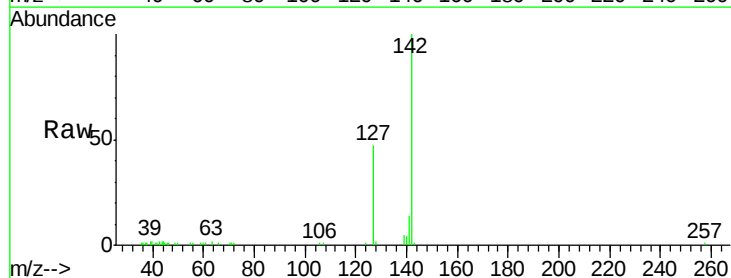
Tgt Ion:142 Resp: 28489

Ion Ratio Lower Upper

142 100

127 45.3 35.0 52.4

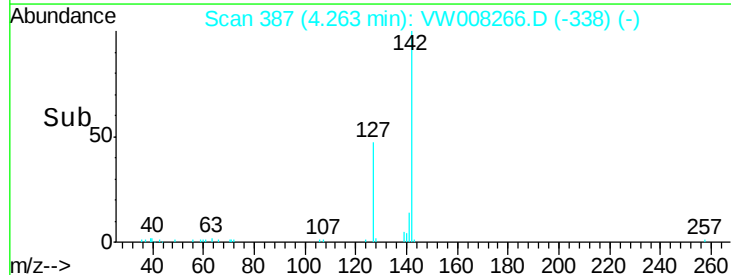
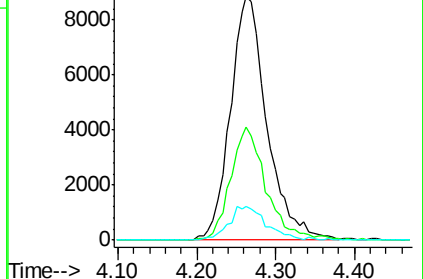
141 14.0 11.8 17.6

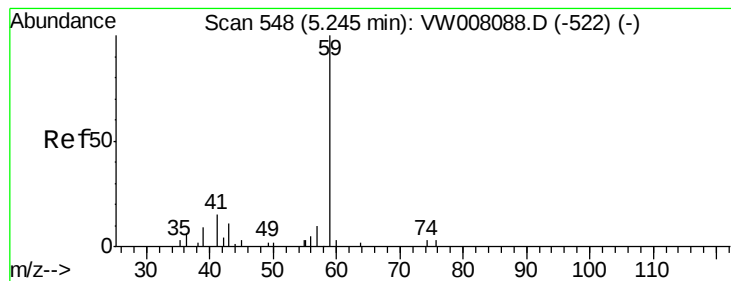


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.915 ug/l

RT: 5.23 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

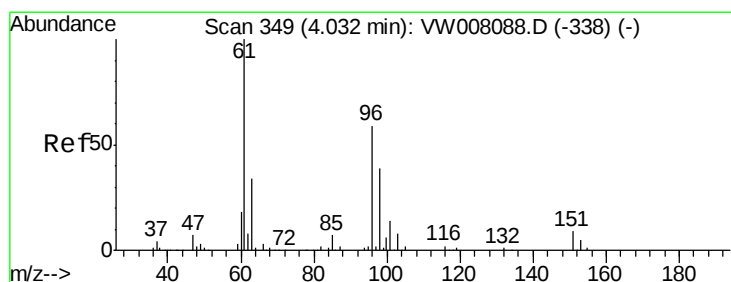
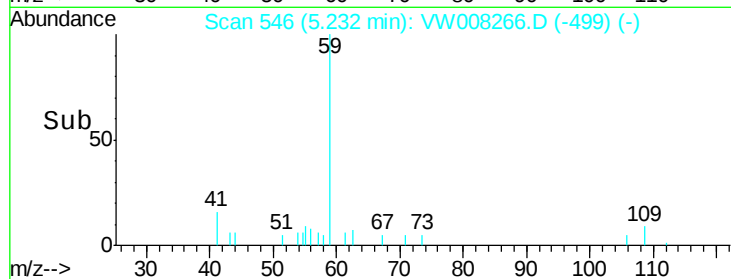
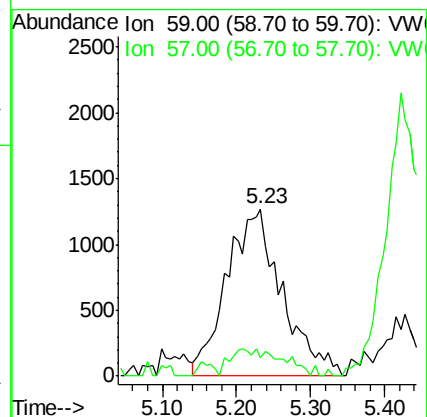
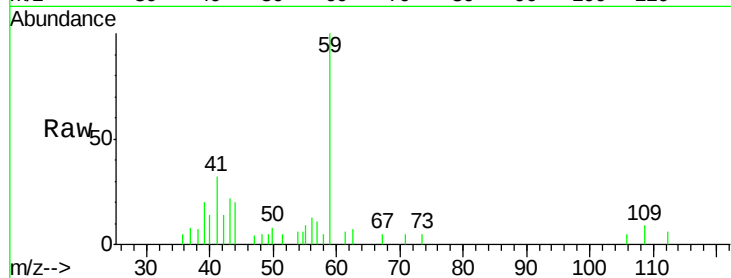
VW0114SBSD02

Tgt Ion: 59 Resp: 6570

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 19.338 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

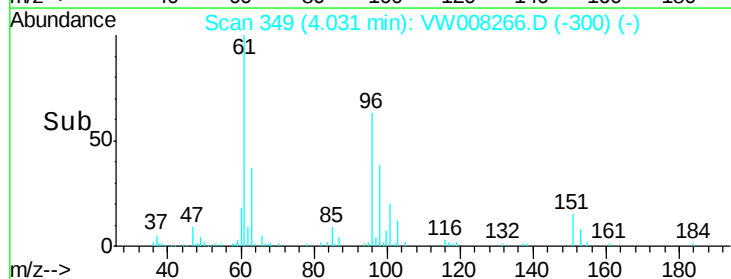
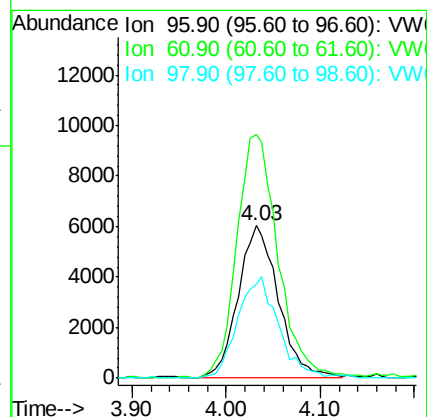
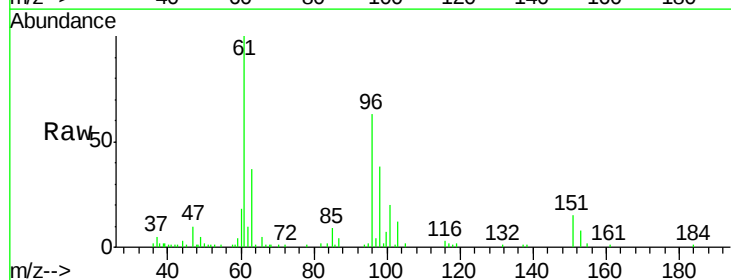
Tgt Ion: 96 Resp: 18076

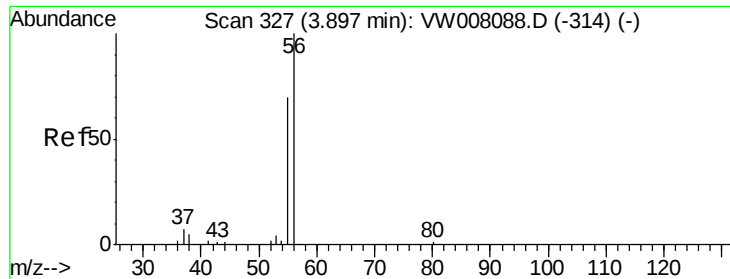
Ion Ratio Lower Upper

96 100

61 159.5 135.4 203.2

98 61.3 52.5 78.7





#13

Acrolein

Concen: 72.903 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

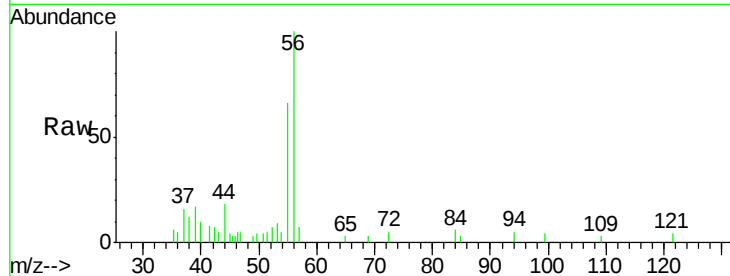
VW0114SBSD02

Tgt Ion: 56 Resp: 4724

Ion Ratio Lower Upper

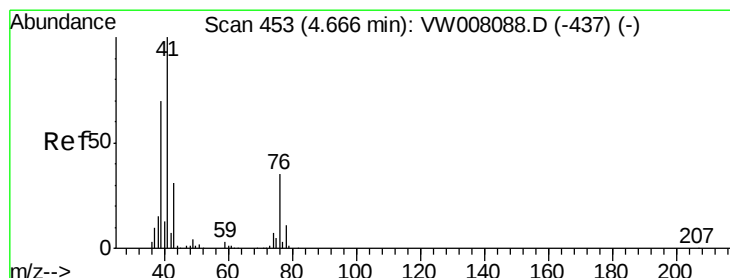
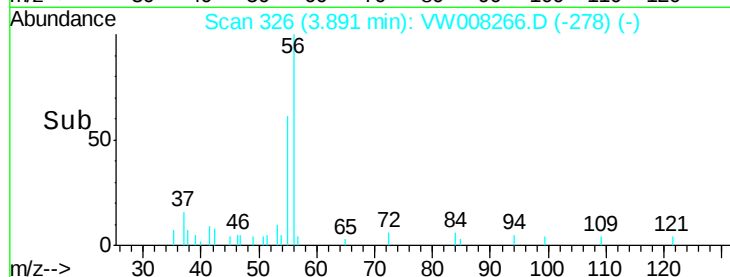
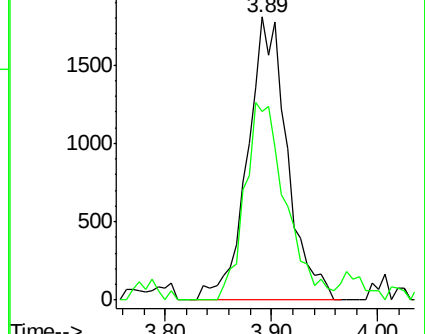
56 100

55 72.0 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.166 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

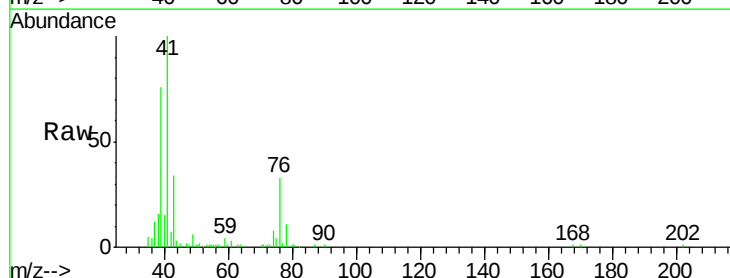
Tgt Ion: 41 Resp: 30830

Ion Ratio Lower Upper

41 100

39 67.6 53.8 80.8

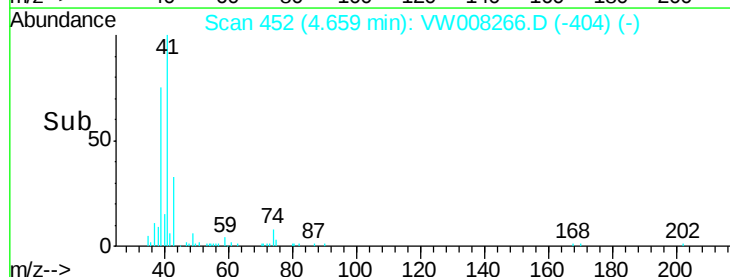
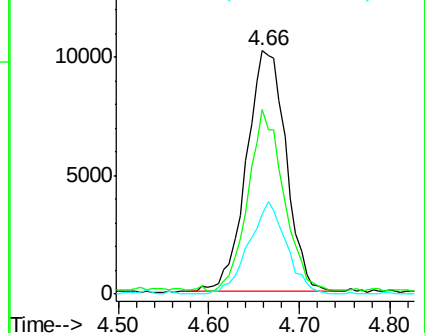
76 36.4 27.6 41.4

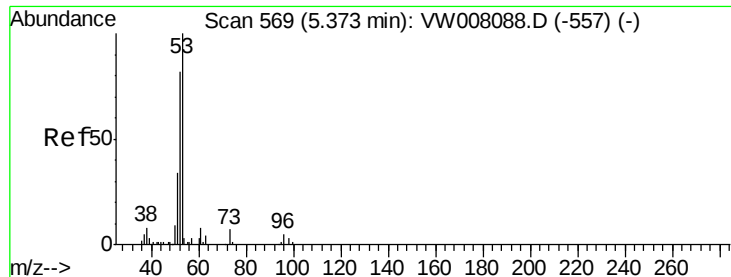


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.330 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

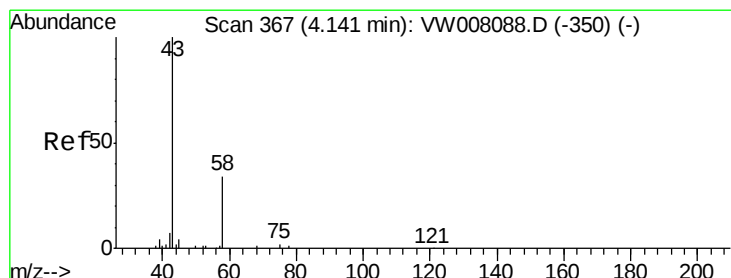
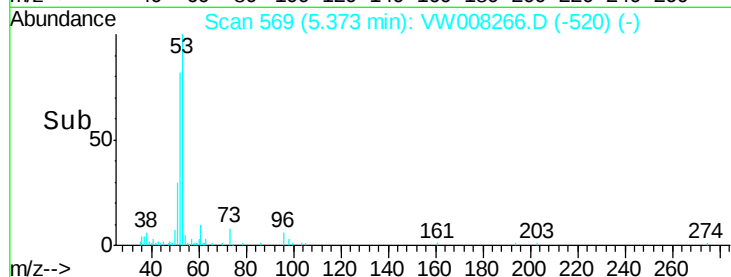
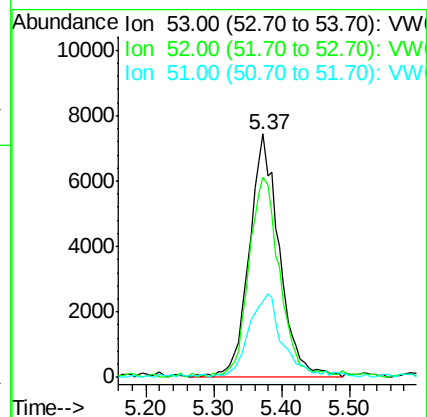
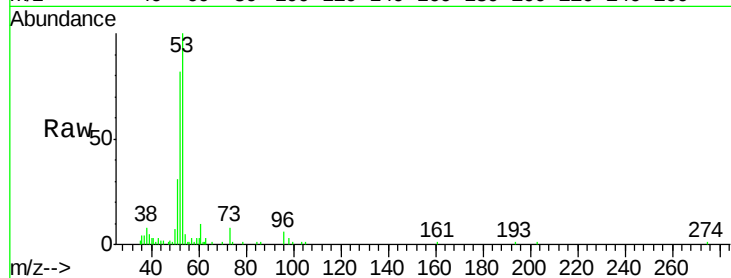
Tgt Ion: 53 Resp: 22978

Ion Ratio Lower Upper

53 100

52 84.2 66.8 100.2

51 37.5 29.7 44.5



#16

Acetone

Concen: 90.412 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008266.D

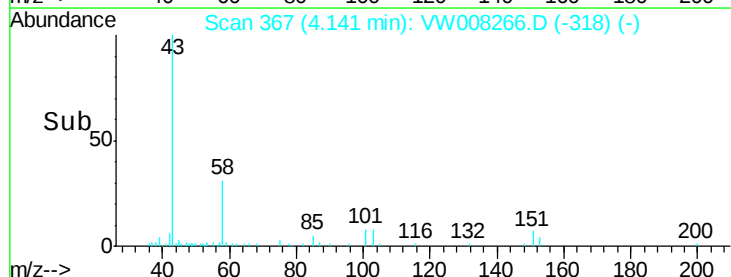
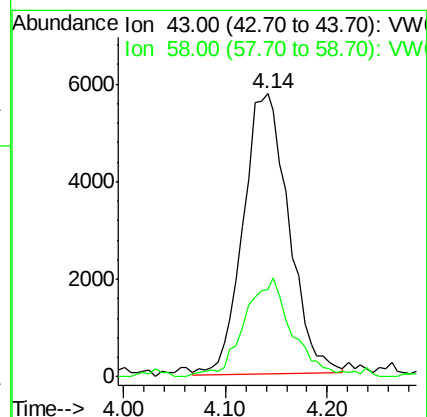
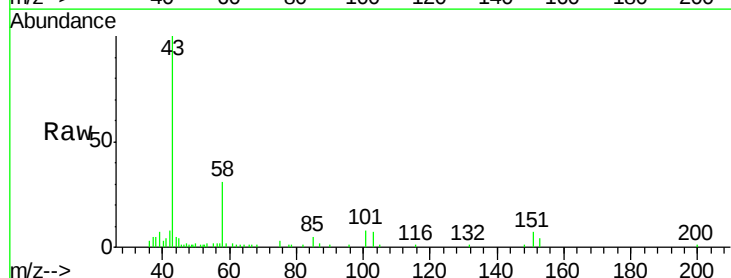
Acq: 15 Jan 2019 01:50

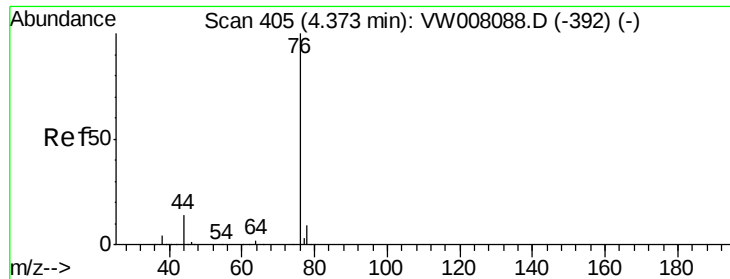
Tgt Ion: 43 Resp: 17919

Ion Ratio Lower Upper

43 100

58 30.1 27.5 41.3

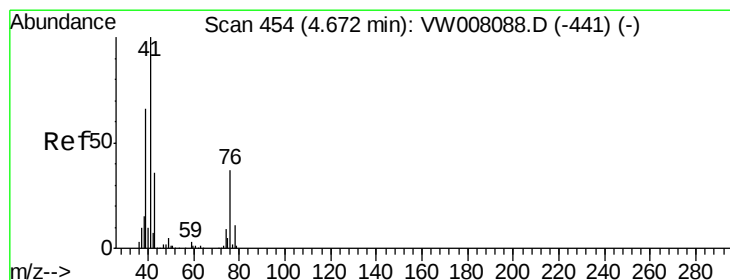
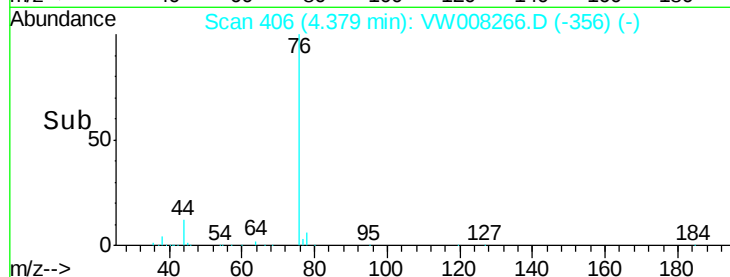
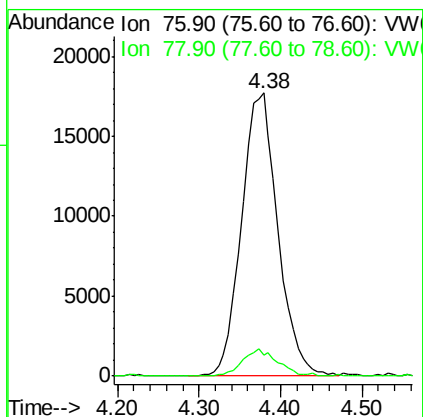
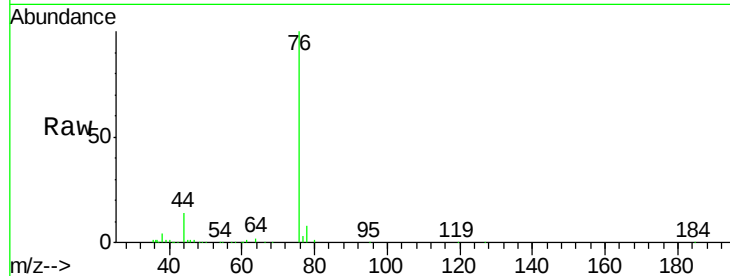




#17
Carbon Disulfide
Concen: 18.784 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

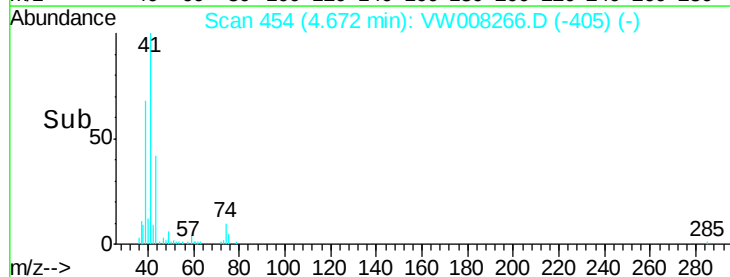
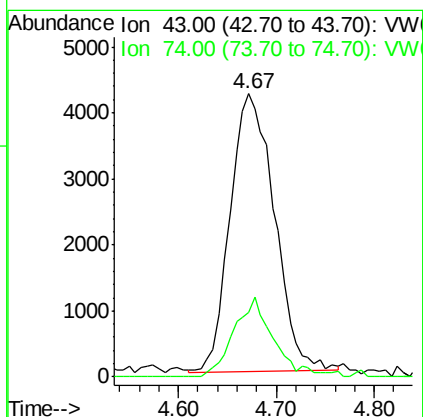
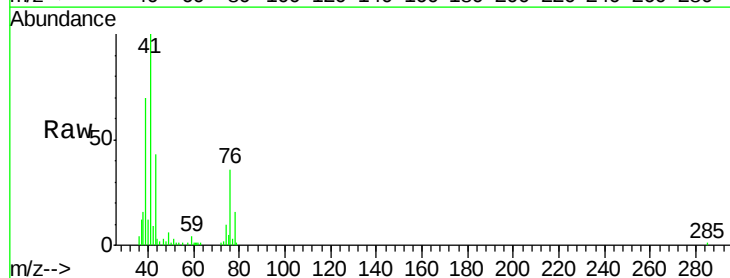
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

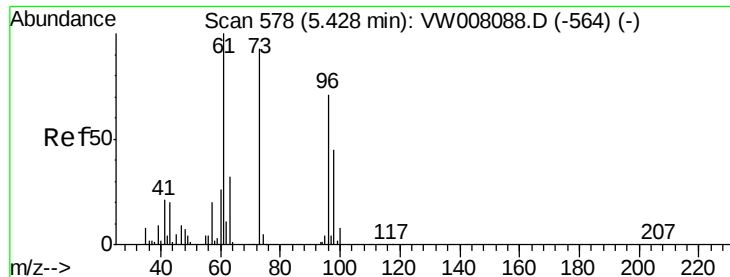
Tgt Ion: 76 Resp: 54852
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#18
Methyl Acetate
Concen: 21.874 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 43 Resp: 13263
Ion Ratio Lower Upper
43 100
74 25.1 19.0 28.4

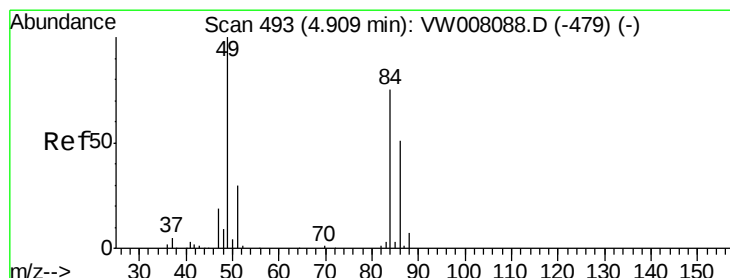
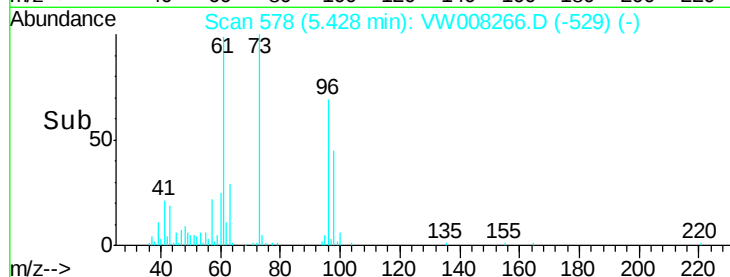
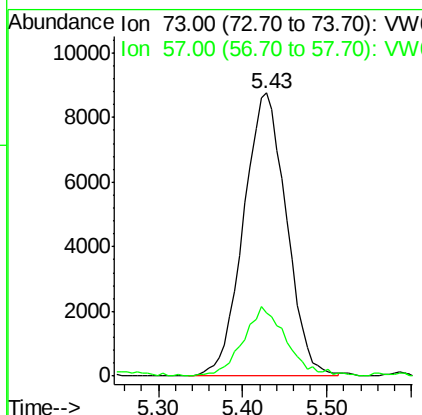
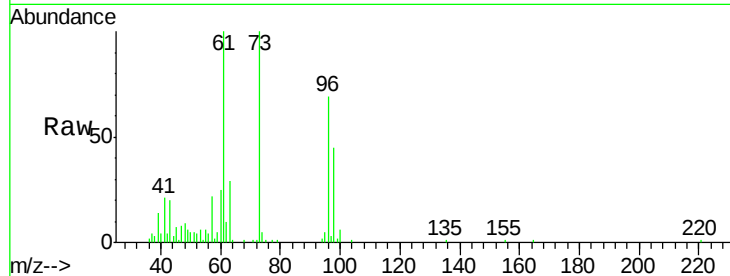




#19
Methyl tert-butyl Ether
Concen: 19.927 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

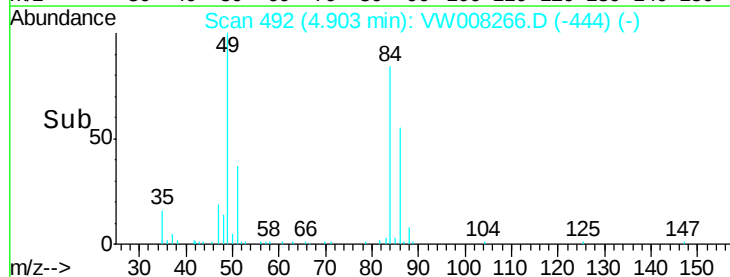
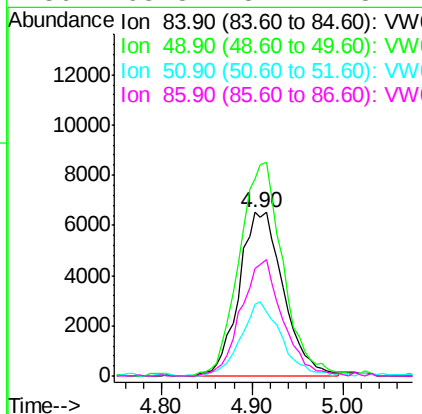
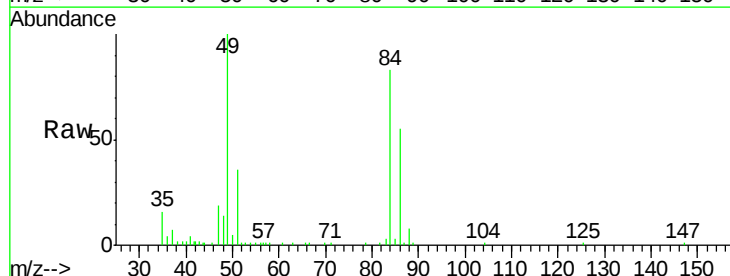
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

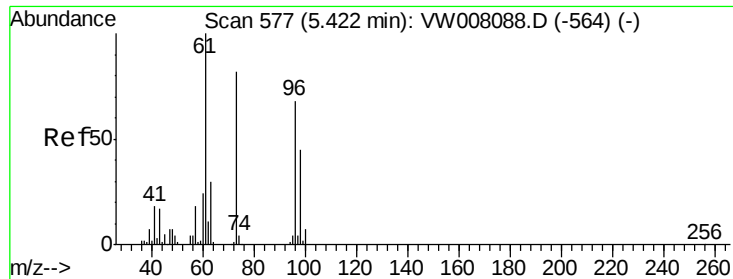
Tgt Ion: 73 Resp: 30282
Ion Ratio Lower Upper
73 100
57 21.2 16.7 25.1



#20
Methylene Chloride
Concen: 20.629 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 84 Resp: 22153
Ion Ratio Lower Upper
84 100
49 120.4 107.1 160.7
51 42.8 32.4 48.6
86 65.8 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 20.750 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

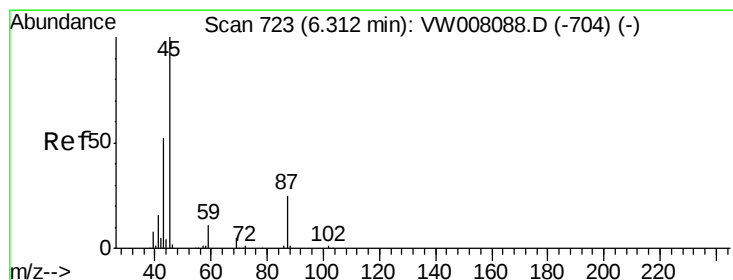
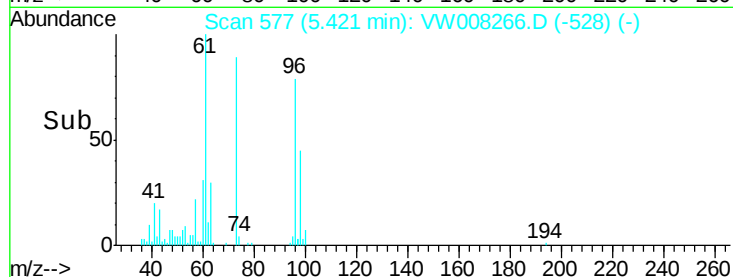
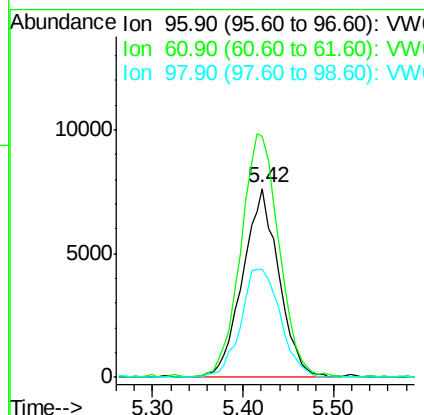
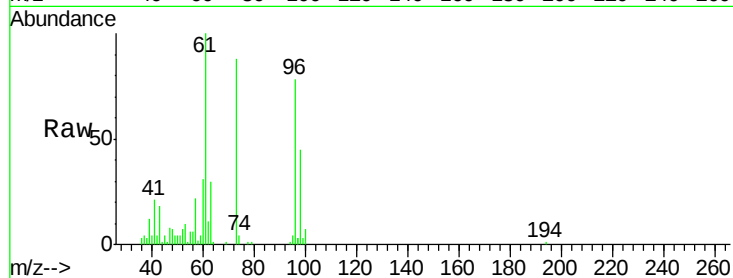
Tgt Ion: 96 Resp: 21078

Ion Ratio Lower Upper

96 100

61 127.7 117.4 176.0

98 57.4 52.2 78.4



#22

Diisopropyl ether

Concen: 19.367 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion: 45 Resp: 62686

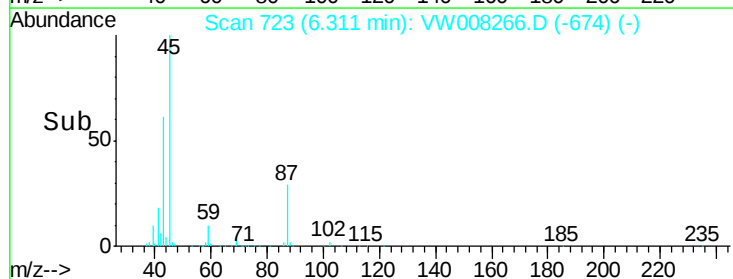
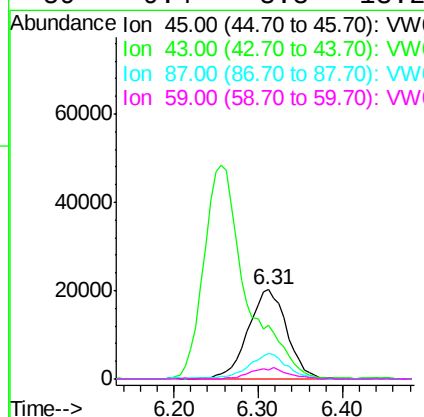
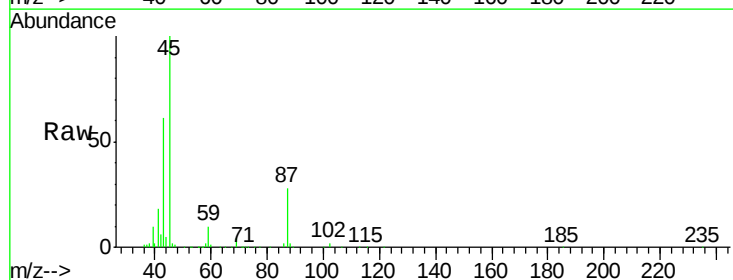
Ion Ratio Lower Upper

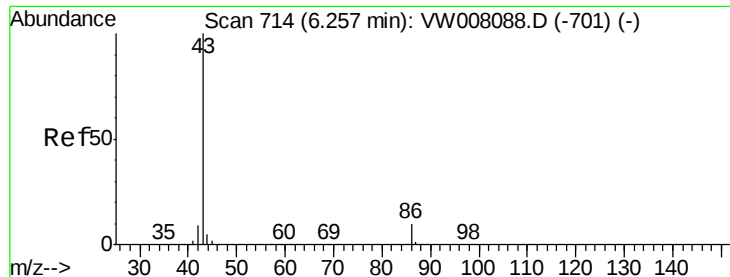
45 100

43 60.4 41.7 62.5

87 28.5 20.1 30.1

59 9.4 8.8 13.2





#23

Vinyl Acetate

Concen: 99.114 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

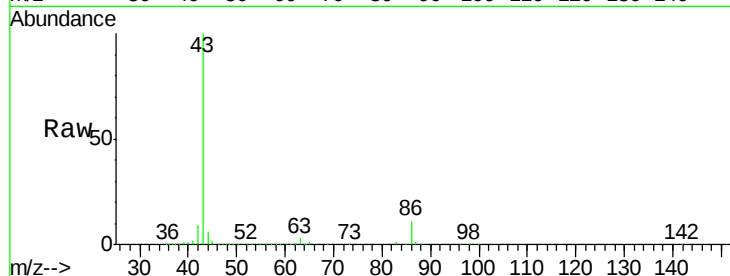
VW0114SBSD02

Tgt Ion: 43 Resp: 168489

Ion Ratio Lower Upper

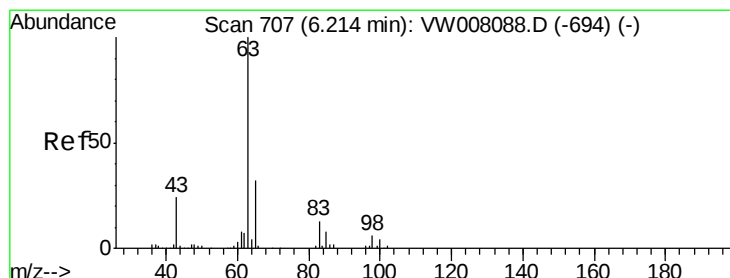
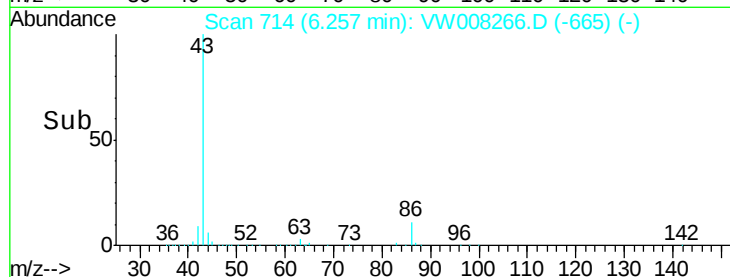
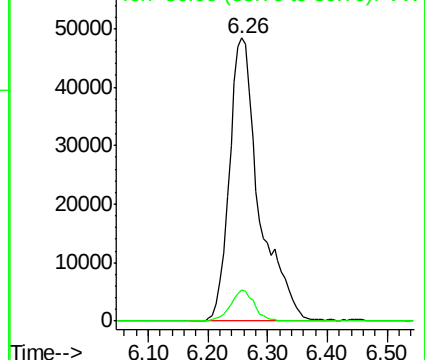
43 100

86 10.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.327 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

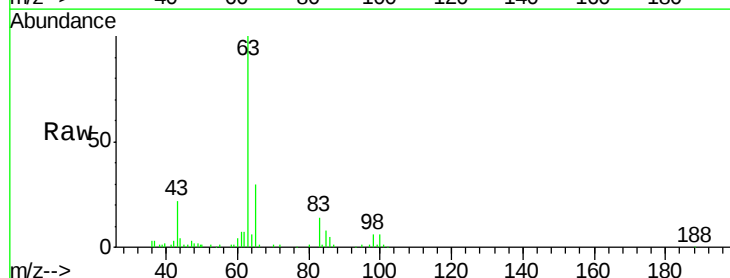
Tgt Ion: 63 Resp: 38335

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

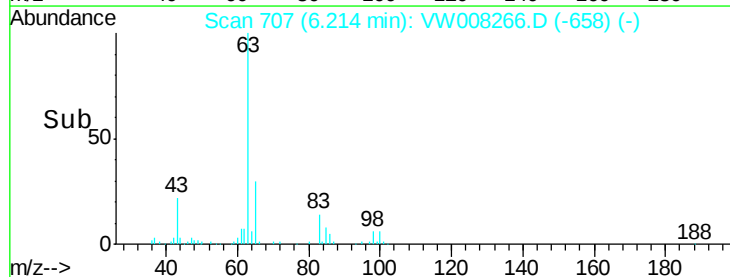
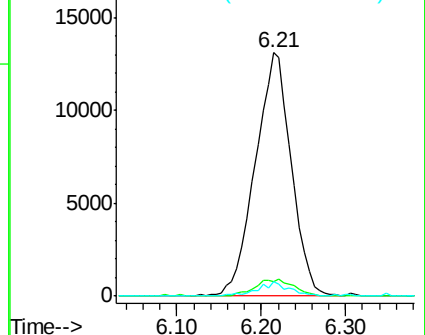
100 5.8 2.0 6.0

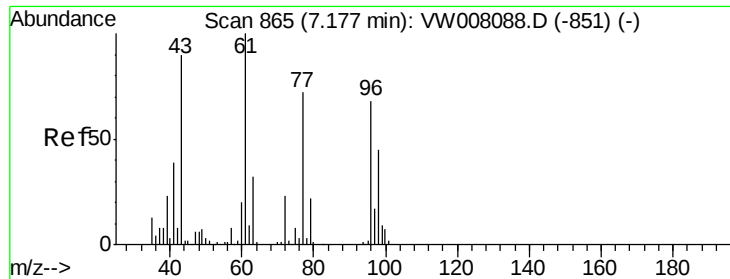


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 100.355 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

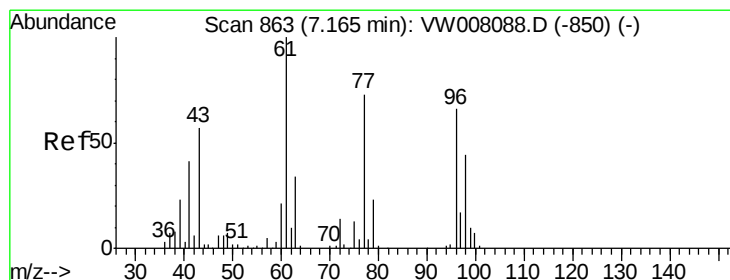
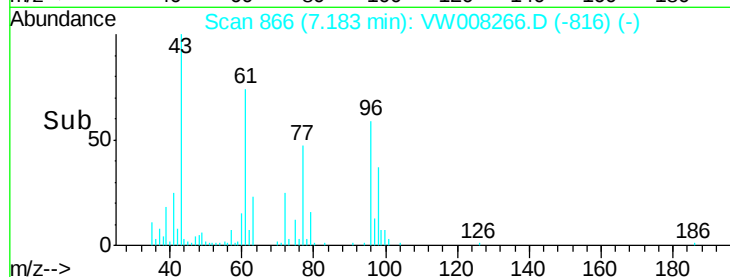
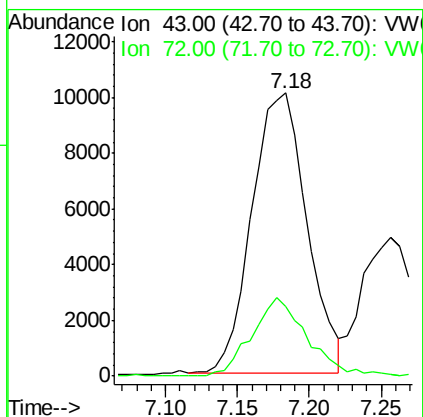
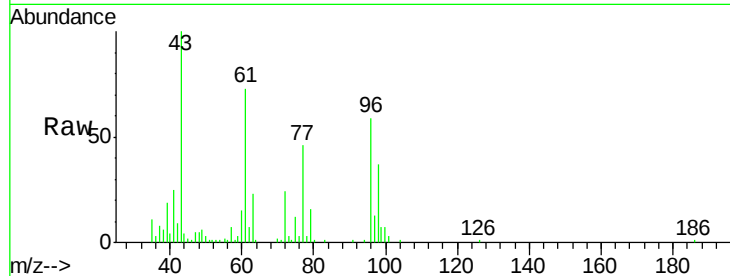
VW0114SBSD02

Tgt Ion: 43 Resp: 26787

Ion Ratio Lower Upper

43 100

72 24.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 17.887 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008266.D

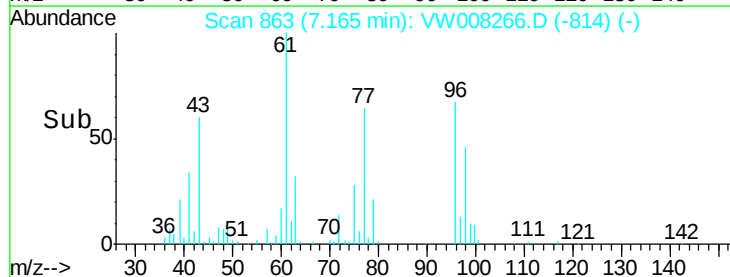
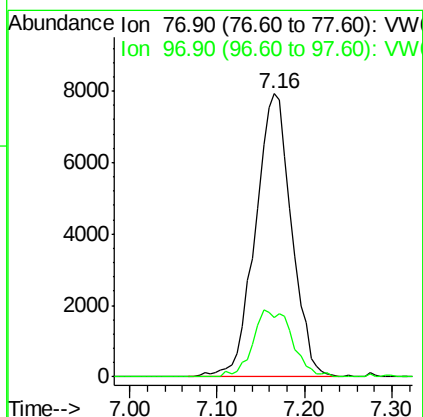
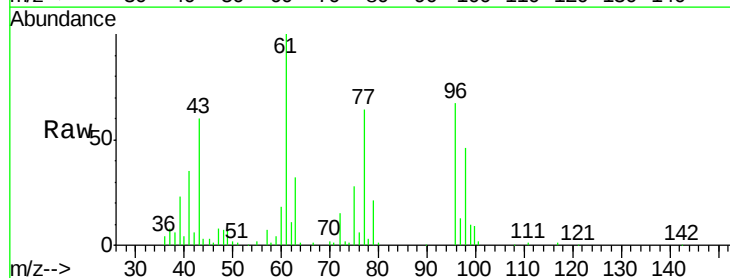
Acq: 15 Jan 2019 01:50

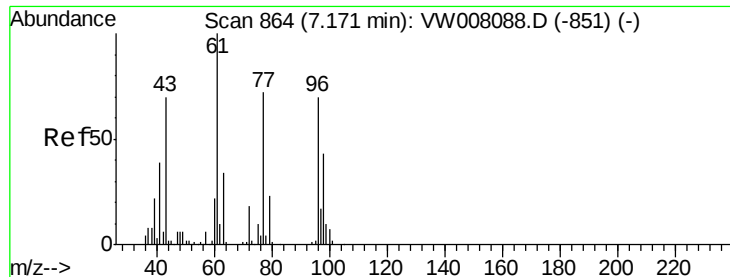
Tgt Ion: 77 Resp: 22857

Ion Ratio Lower Upper

77 100

97 25.6 11.4 34.1



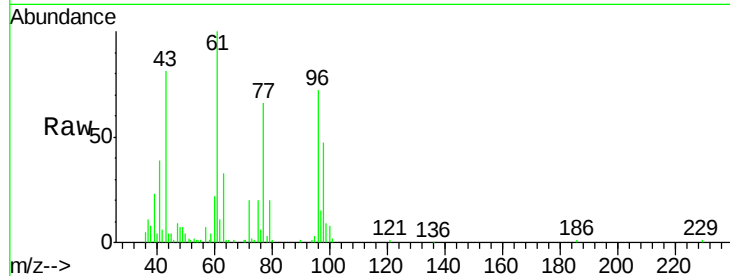


#27

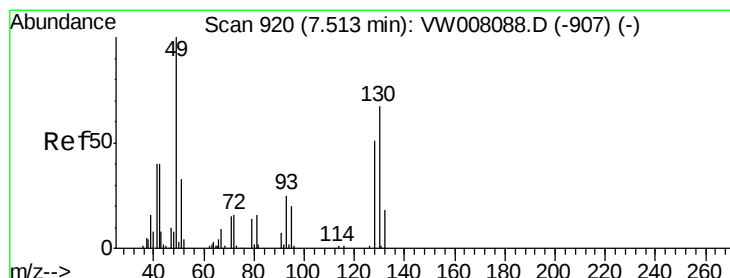
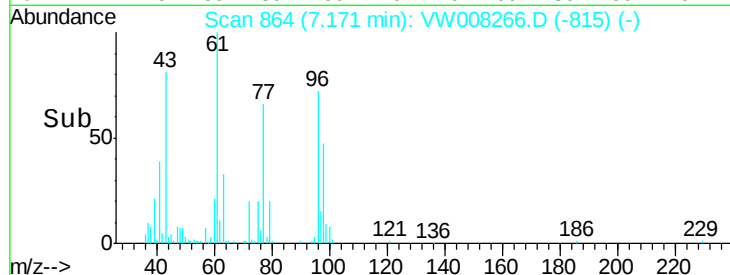
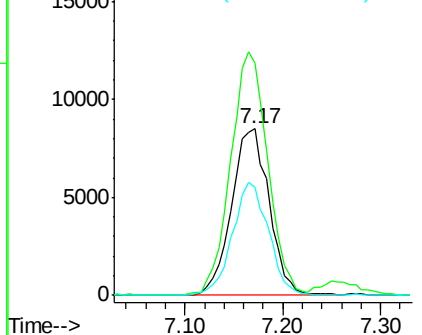
cis-1,2-Dichloroethene
 Concen: 20.445 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tgt Ion: 96 Resp: 22659
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 300.4
 98 65.2 0.0 128.4



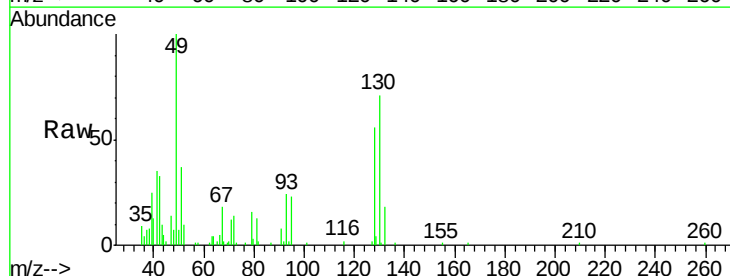
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



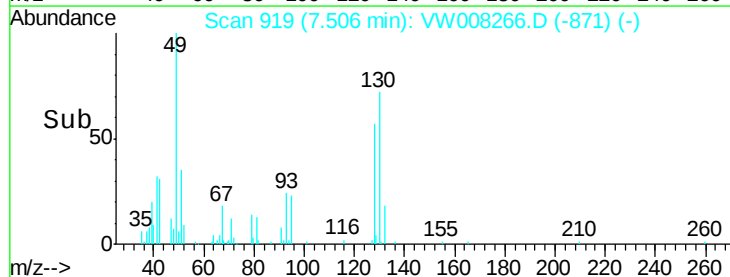
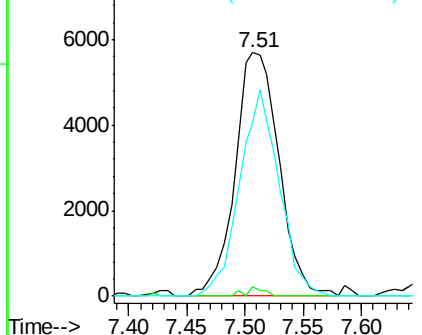
#28

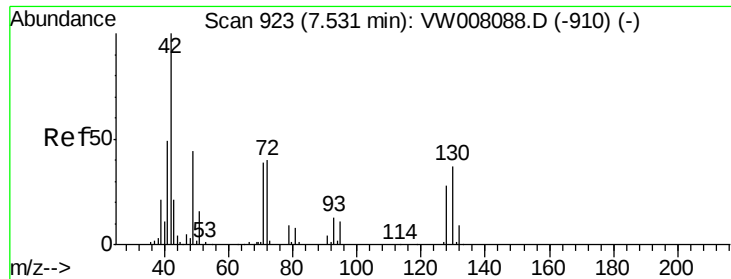
Bromochloromethane
 Concen: 20.087 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 49 Resp: 14984
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.8
 130 76.1 54.3 81.5



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

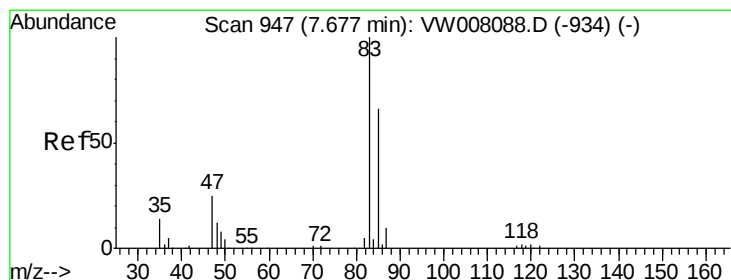
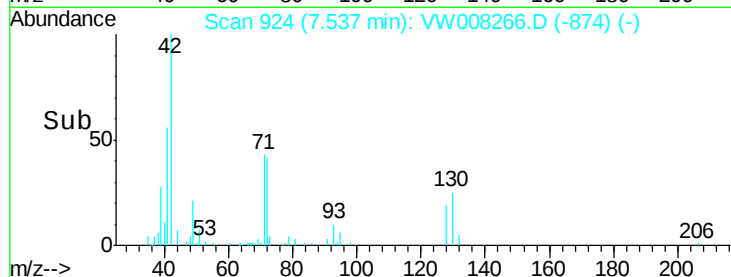
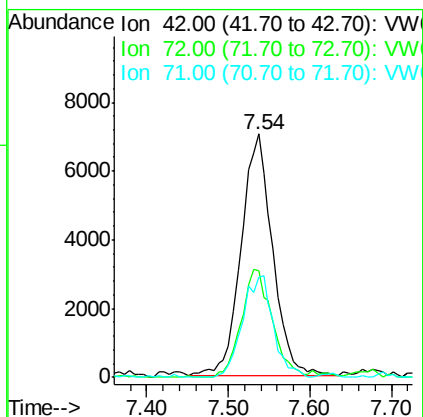
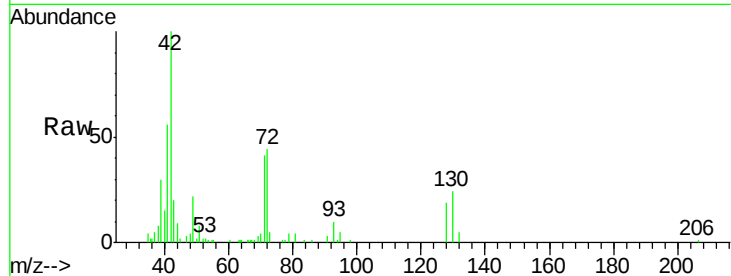




#29
Tetrahydrofuran
Concen: 105.093 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

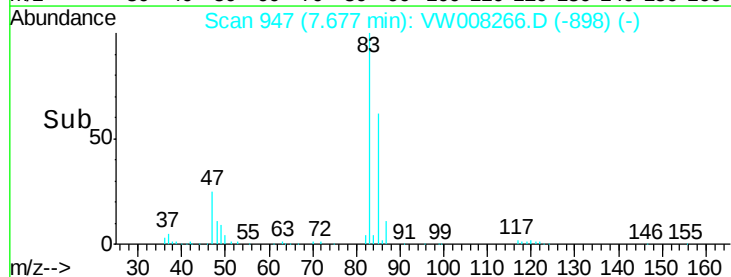
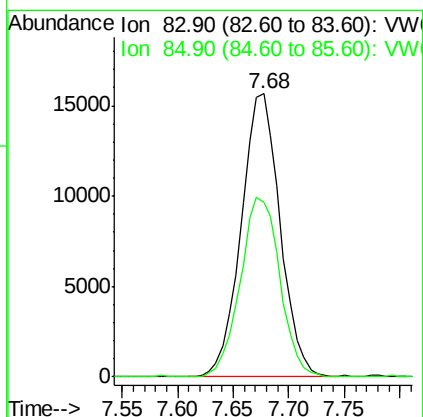
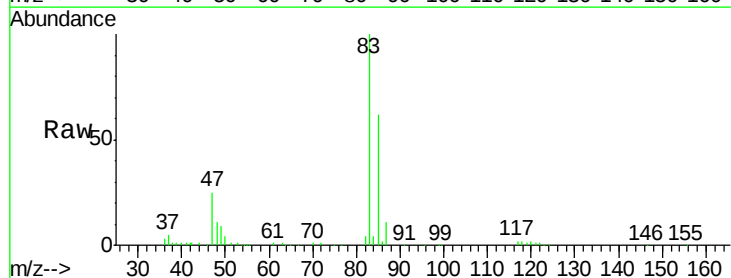
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

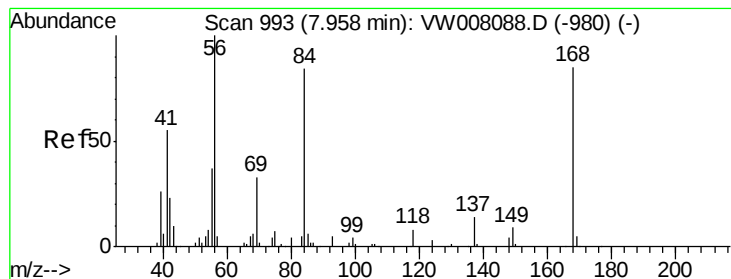
Tgt Ion: 42 Resp: 18738
Ion Ratio Lower Upper
42 100
72 43.9 32.4 48.6
71 41.2 31.3 46.9



#30
Chloroform
Concen: 21.196 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 83 Resp: 38050
Ion Ratio Lower Upper
83 100
85 61.9 53.2 79.8





#31

Cyclohexane

Concen: 17.616 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

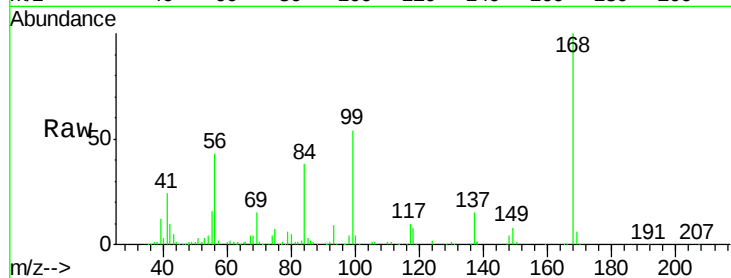
Tgt Ion: 56 Resp: 35565

Ion Ratio Lower Upper

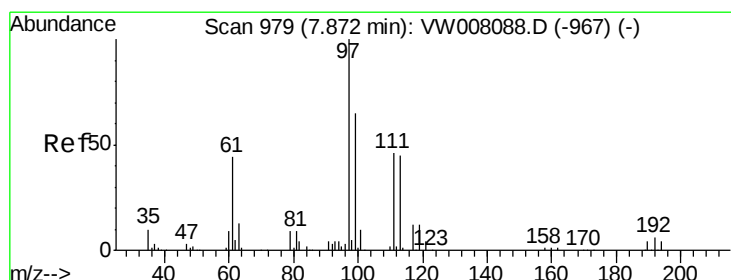
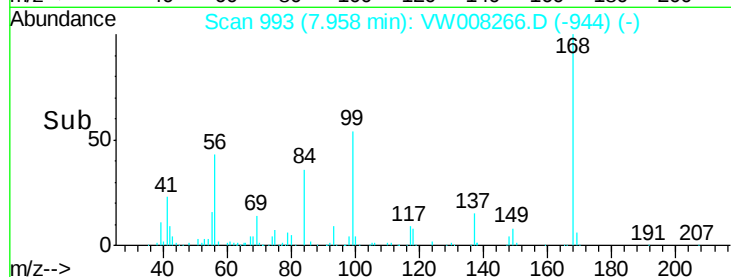
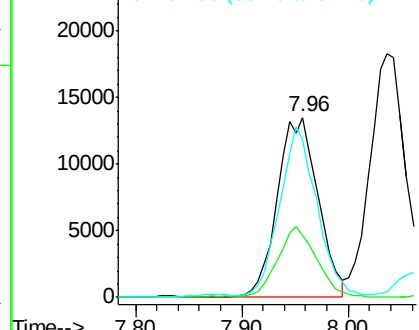
56 100

69 34.2 26.2 39.4

84 86.8 67.4 101.2



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: 20.217 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

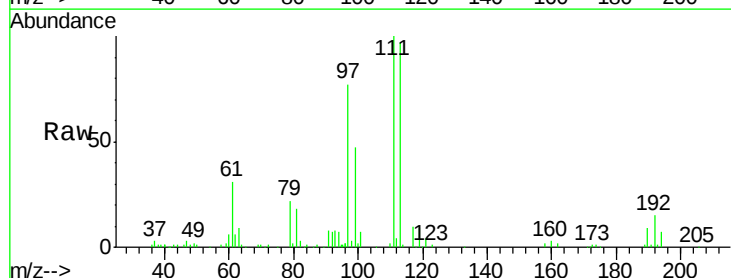
Tgt Ion: 97 Resp: 31579

Ion Ratio Lower Upper

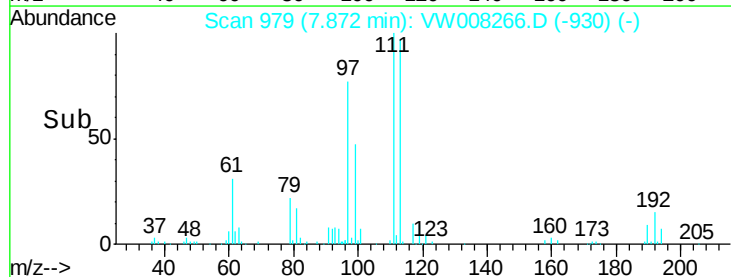
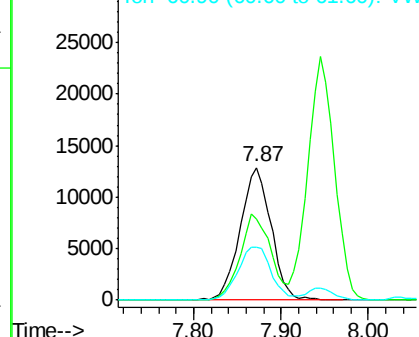
97 100

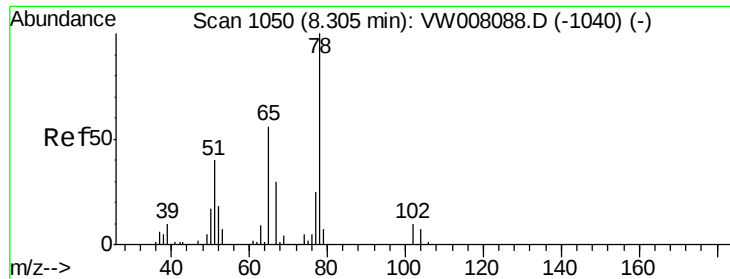
99 65.3 51.4 77.0

61 43.4 35.6 53.4



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

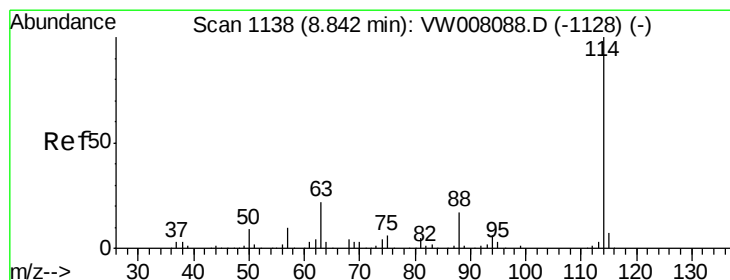
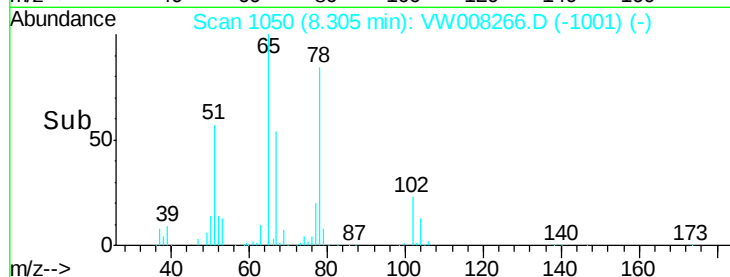
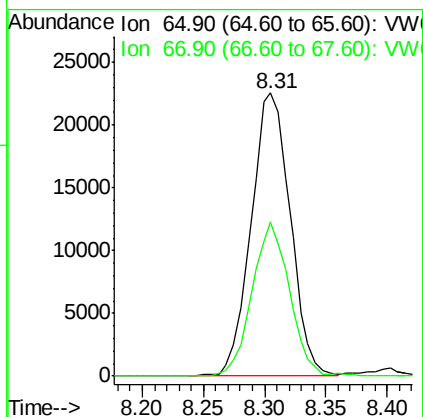
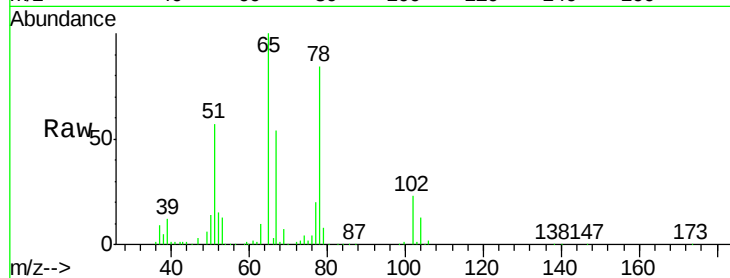




#33
 1,2-Dichloroethane-d4
 Concen: 52.342 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

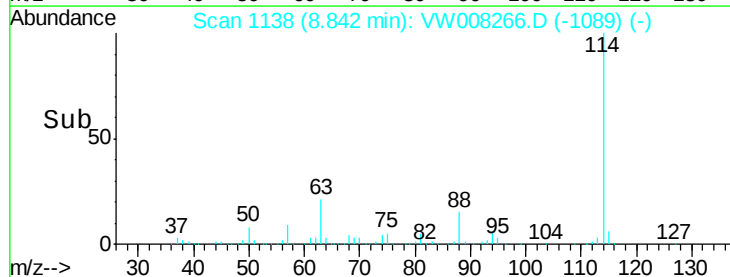
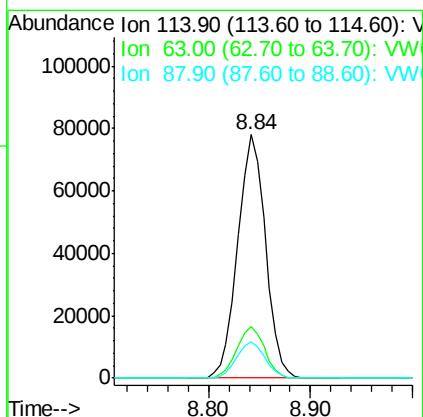
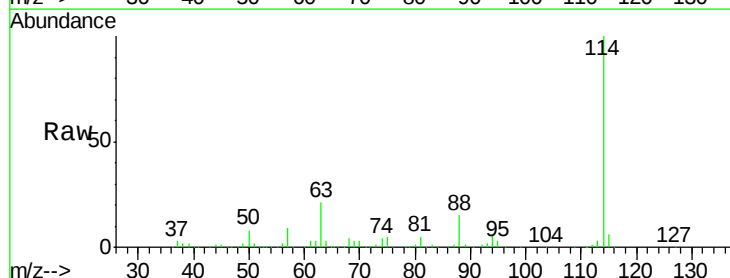
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

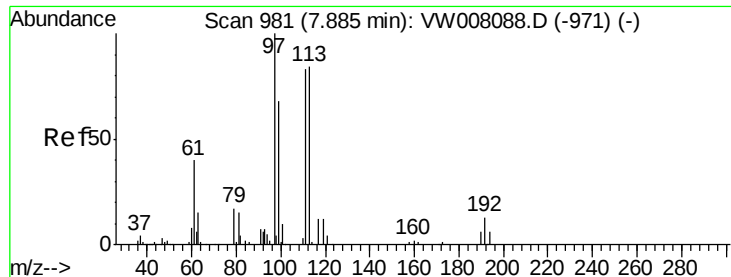
Tgt Ion: 65 Resp: 50214
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 114 Resp: 147789
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.848 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

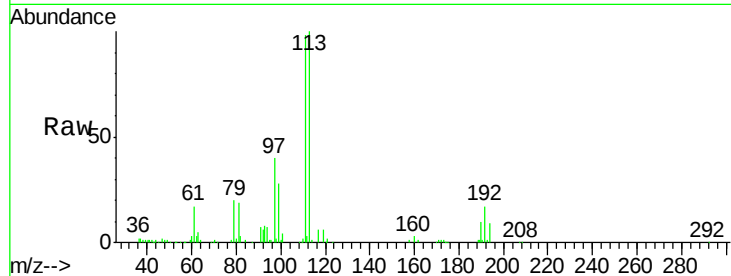
Tgt Ion:113 Resp: 48139

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

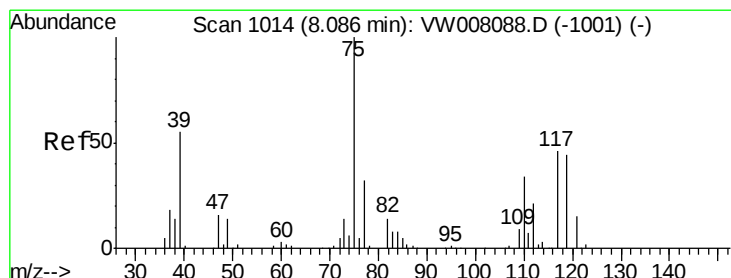
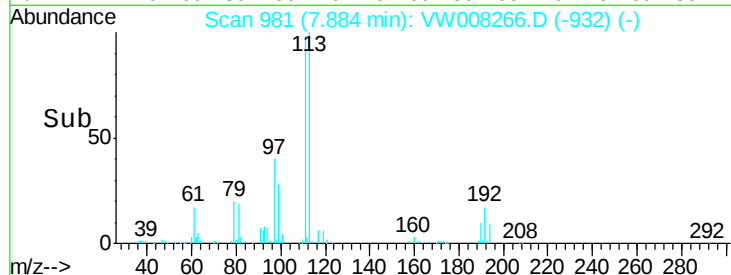
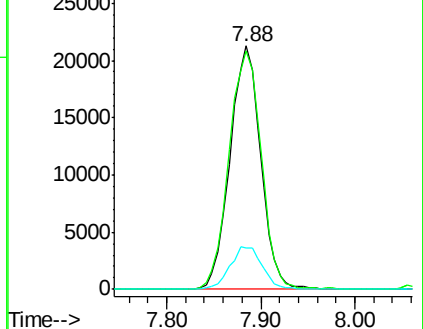
192 18.4 12.8 19.2



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: 19.453 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

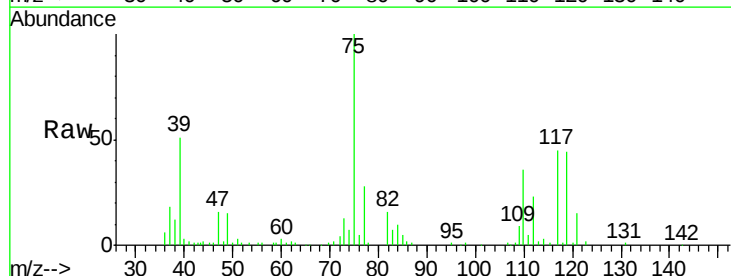
Tgt Ion: 75 Resp: 29614

Ion Ratio Lower Upper

75 100

110 35.7 17.1 51.3

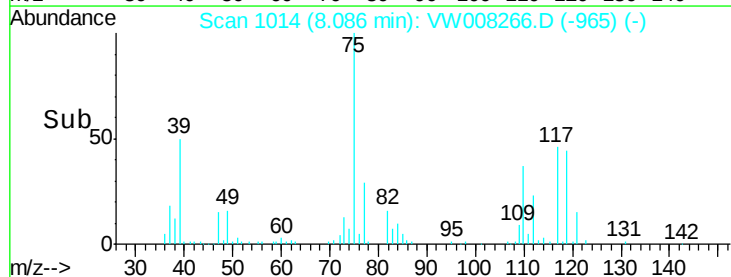
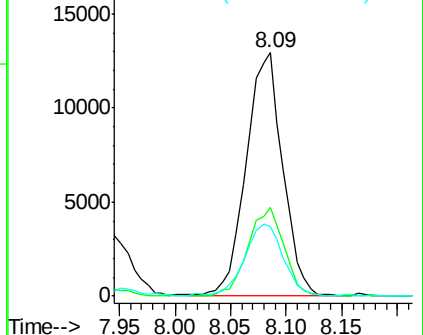
77 31.4 25.5 38.3

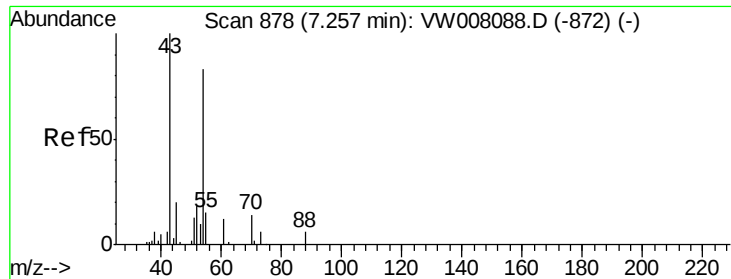


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

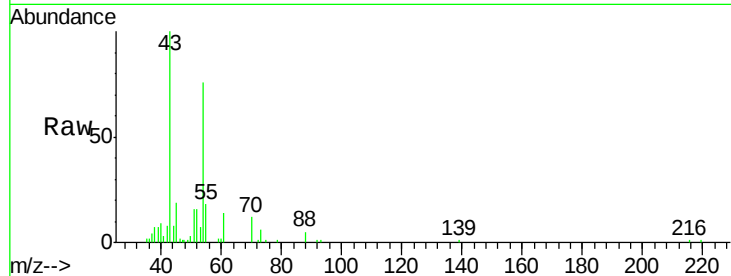




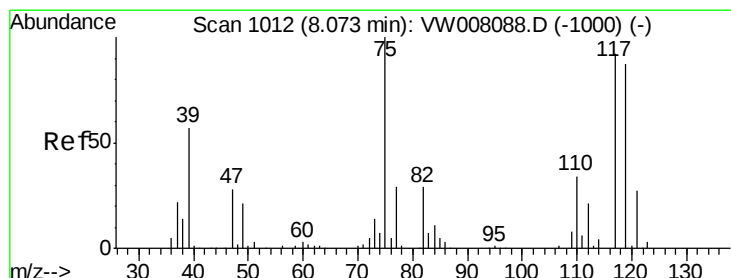
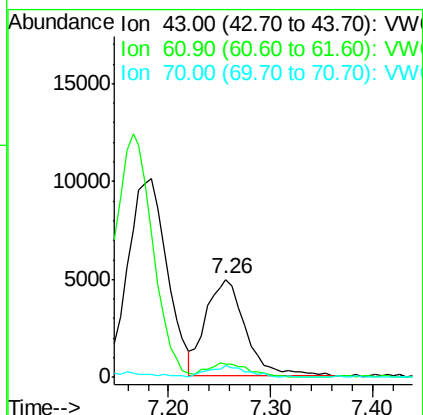
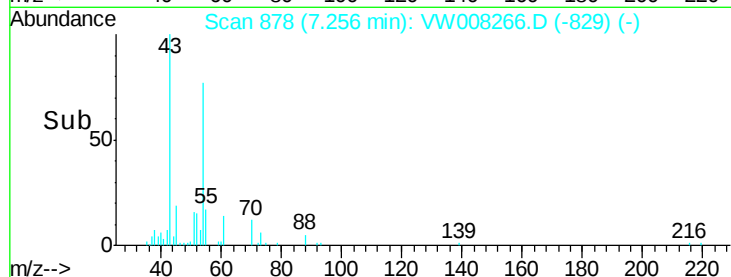
#37
Ethyl Acetate
Concen: 21.554 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tgt Ion: 43 Resp: 13146
Ion Ratio Lower Upper
43 100
61 16.0 10.6 16.0
70 11.6 8.9 13.3

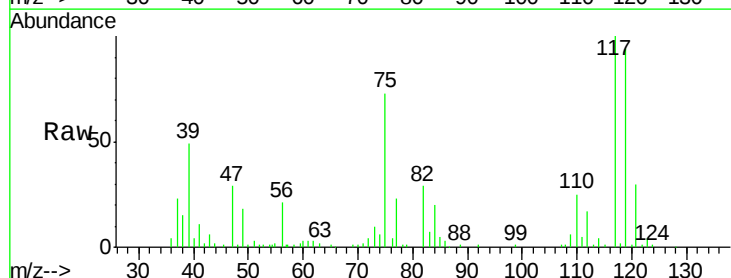


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

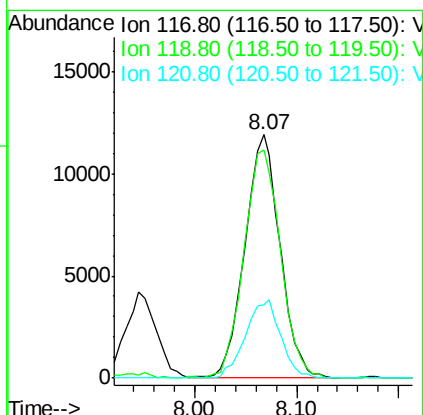
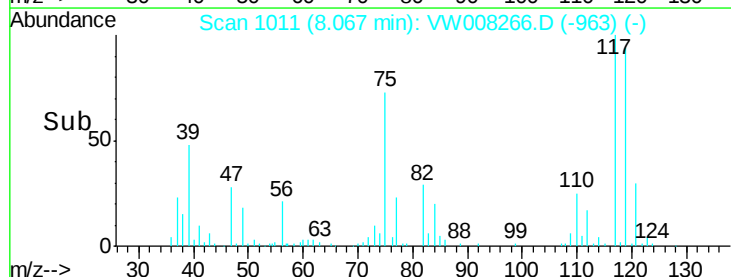


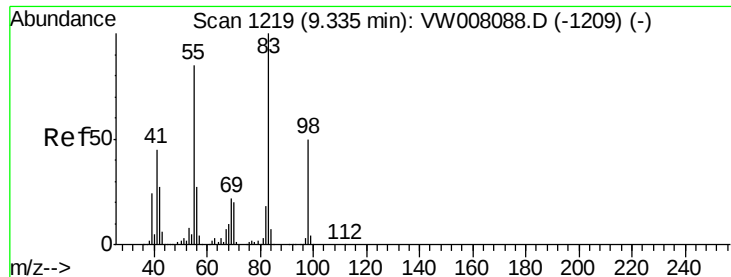
#38
Carbon Tetrachloride
Concen: 20.565 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 117 Resp: 28655
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 30.1 23.7 35.5



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

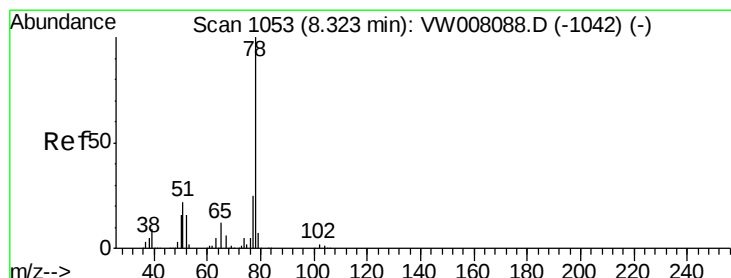
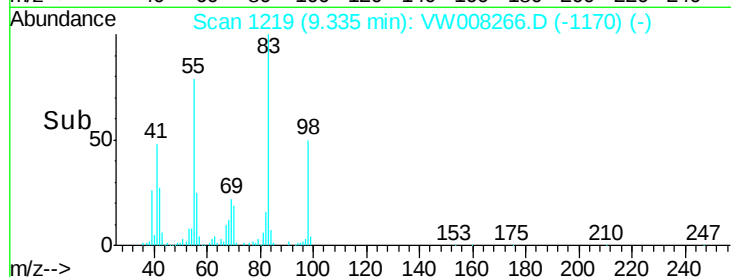
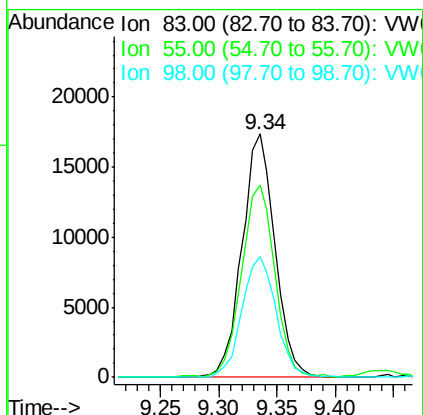
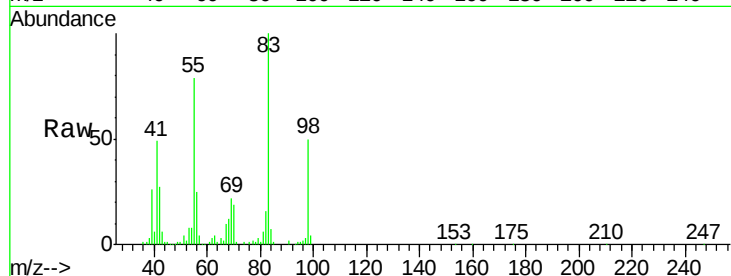




#39
Methylcyclohexane
Concen: 17.767 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

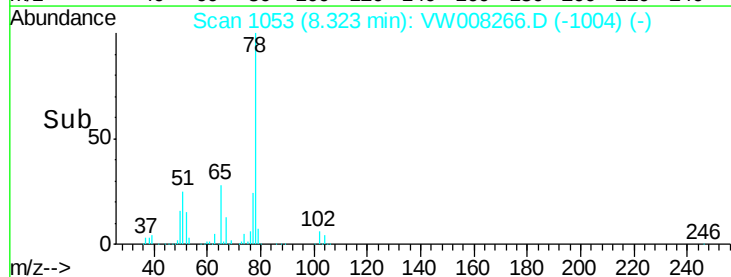
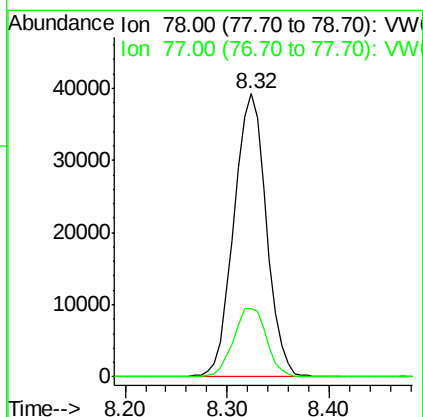
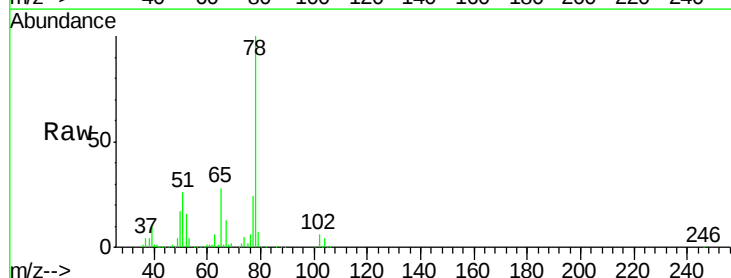
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

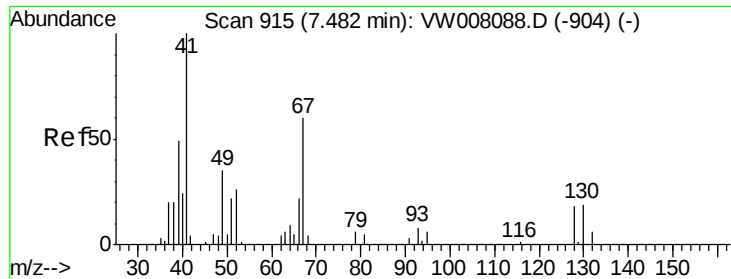
Tgt Ion: 83 Resp: 34296
Ion Ratio Lower Upper
83 100
55 78.9 67.8 101.6
98 49.6 40.2 60.4



#40
Benzene
Concen: 20.921 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 78 Resp: 86387
Ion Ratio Lower Upper
78 100
77 24.2 20.2 30.4





#41

Methacrylonitrile

Concen: 19.718 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

Tgt Ion: 41 Resp: 7597

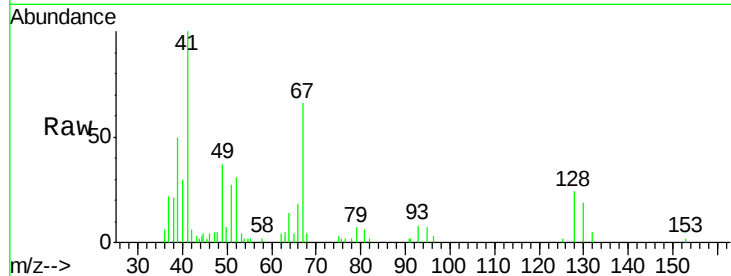
Ion Ratio Lower Upper

41 100

39 67.5 47.9 71.9

67 74.9 56.3 84.5

52 35.9 24.5 36.7

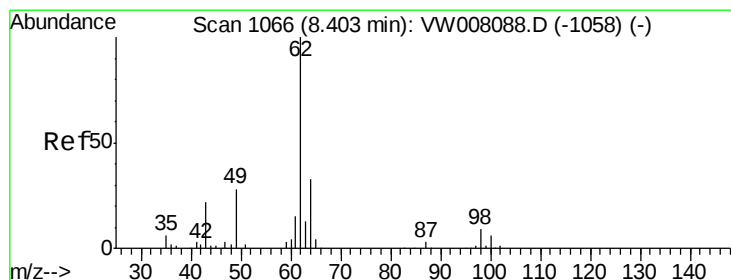
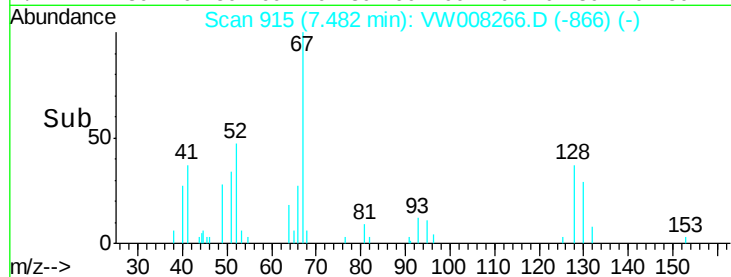
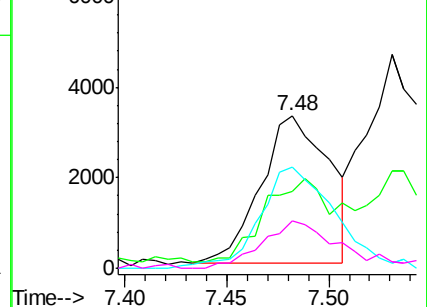


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.685 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008266.D

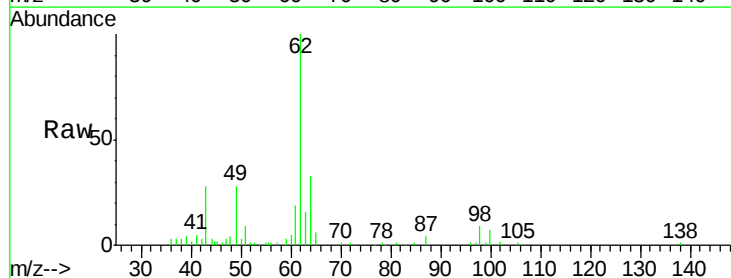
Acq: 15 Jan 2019 01:50

Tgt Ion: 62 Resp: 24022

Ion Ratio Lower Upper

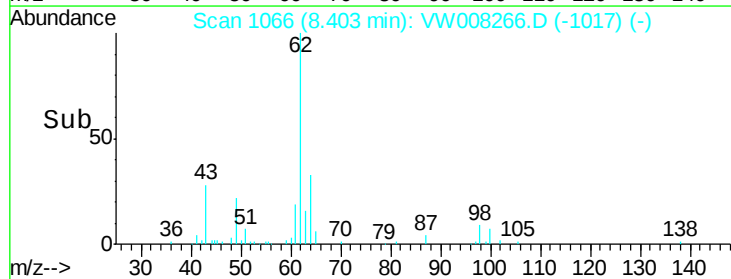
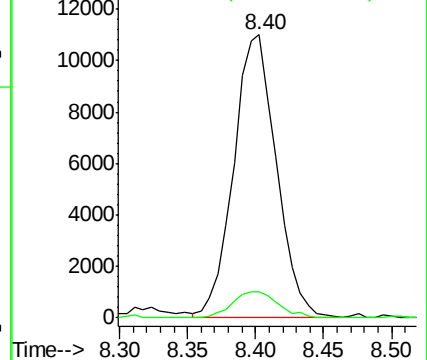
62 100

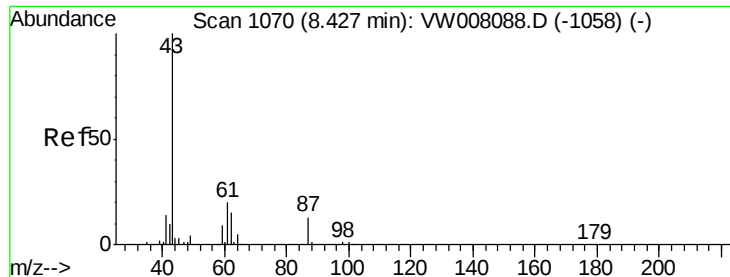
98 9.9 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.986 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

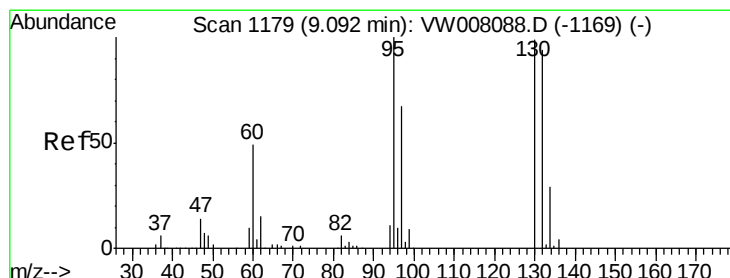
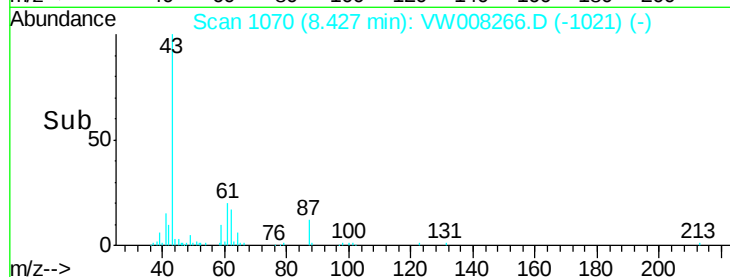
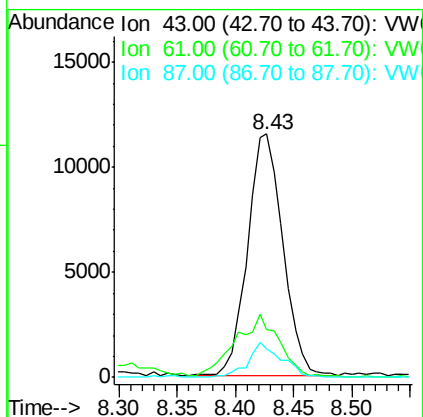
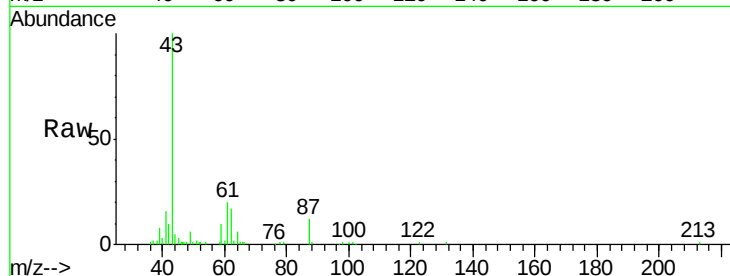
Tgt Ion: 43 Resp: 24372

Ion Ratio Lower Upper

43 100

61 32.6 24.8 37.2

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 21.877 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008266.D

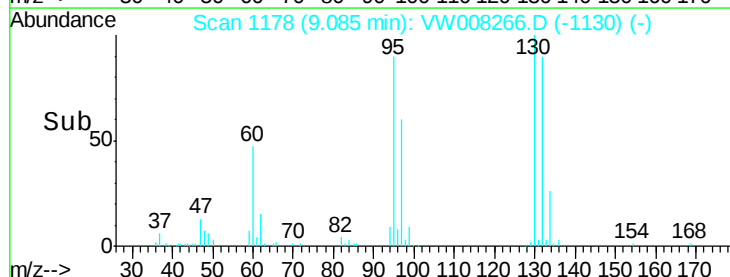
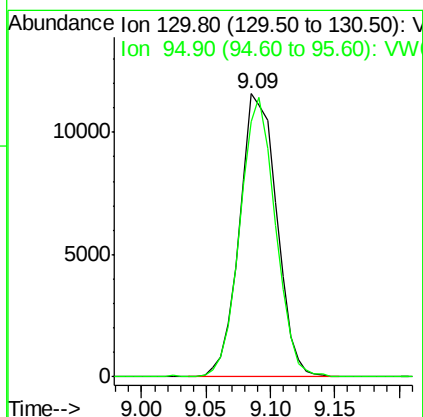
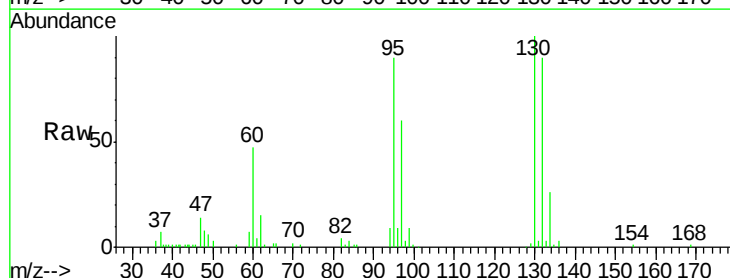
Acq: 15 Jan 2019 01:50

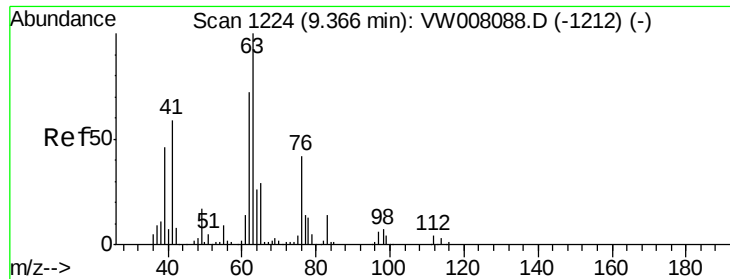
Tgt Ion: 130 Resp: 23124

Ion Ratio Lower Upper

130 100

95 90.3 0.0 202.8





#45

1,2-Dichloropropane

Concen: 21.686 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

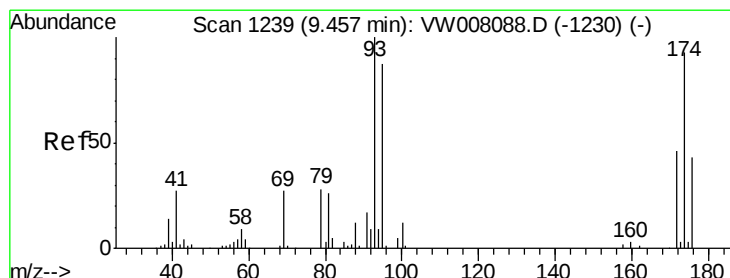
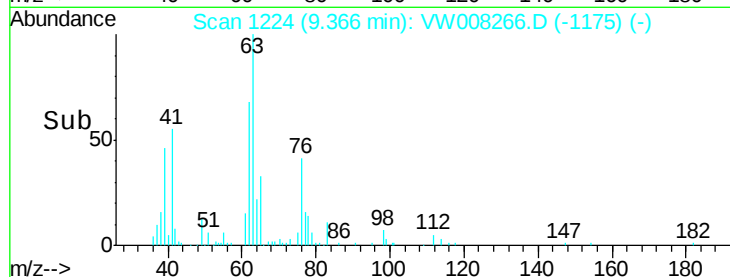
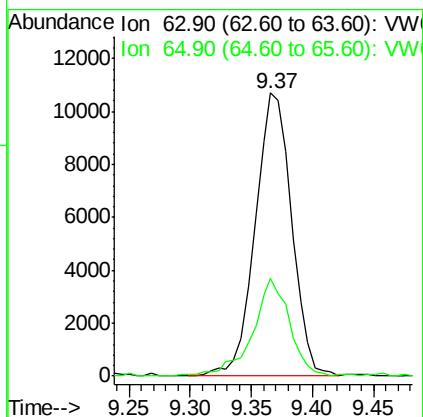
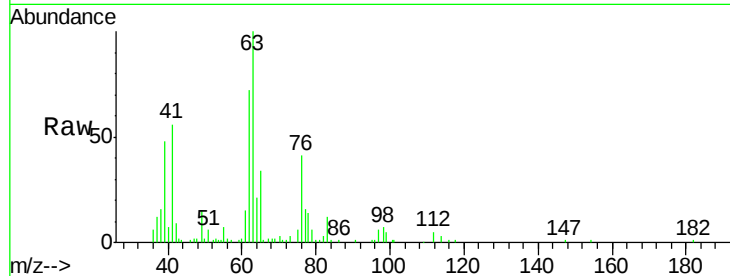
VW0114SBSD02

Tgt Ion: 63 Resp: 22203

Ion Ratio Lower Upper

63 100

65 33.8 23.3 34.9



#46

Dibromomethane

Concen: 22.625 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

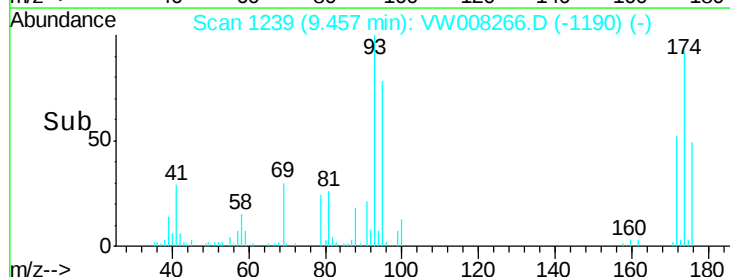
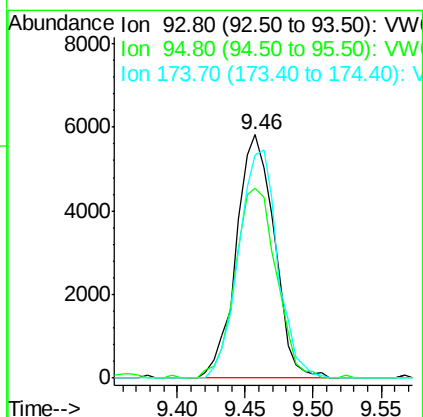
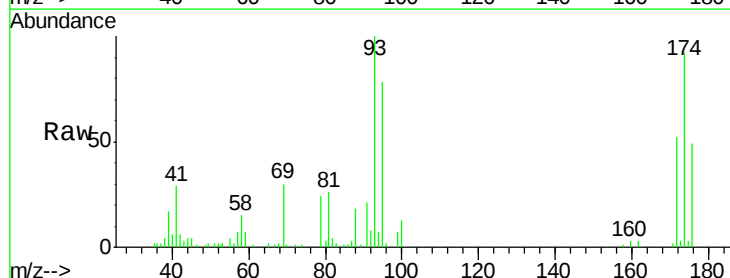
Tgt Ion: 93 Resp: 11376

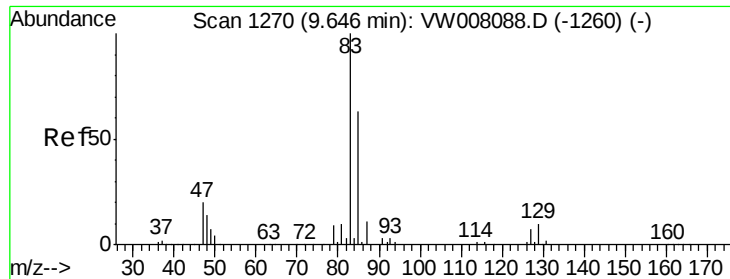
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 95.8 72.5 108.7





#47

Bromodichloromethane

Concen: 21.691 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

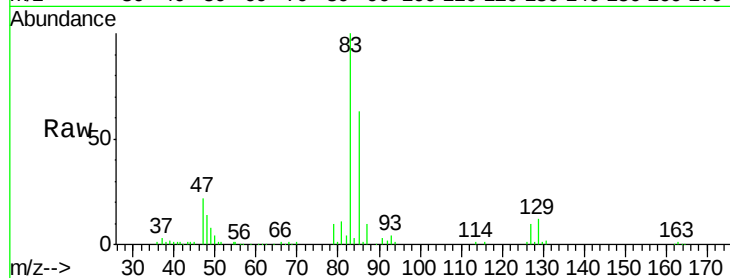
Tgt Ion: 83 Resp: 27694

Ion Ratio Lower Upper

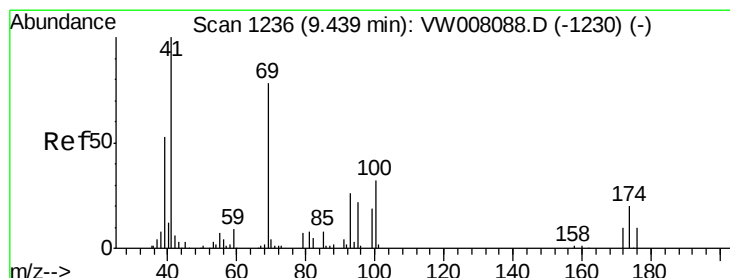
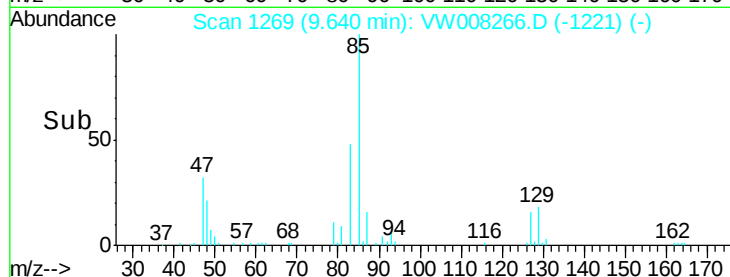
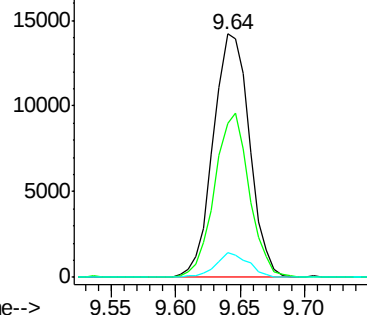
83 100

85 63.4 50.7 76.1

127 10.1 6.0 9.0#



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



#48

Methyl methacrylate

Concen: 20.163 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

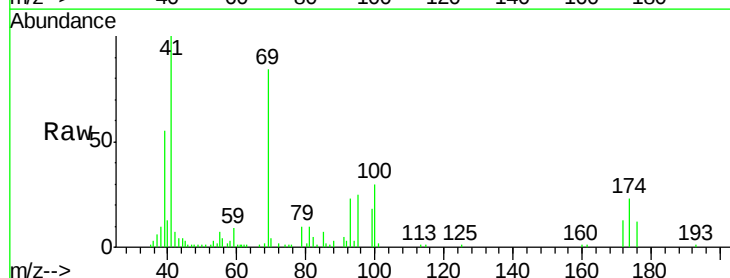
Tgt Ion: 41 Resp: 11602

Ion Ratio Lower Upper

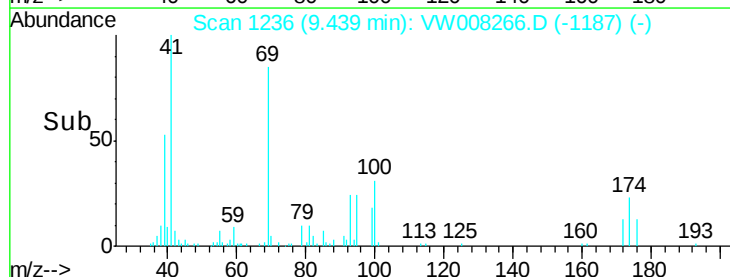
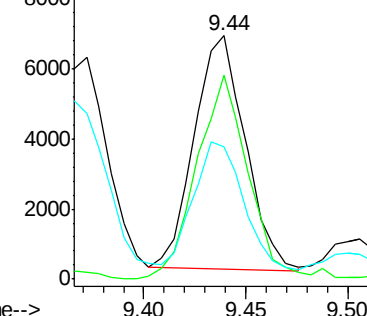
41 100

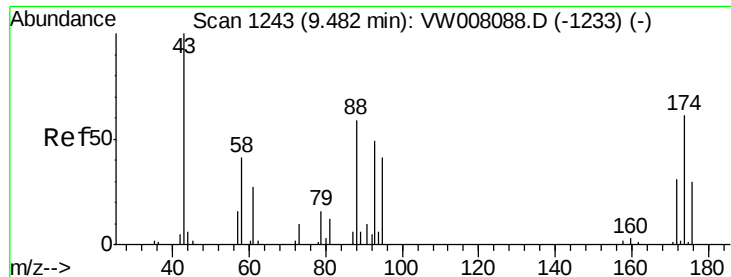
69 89.1 61.9 92.9

39 53.5 43.0 64.4



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

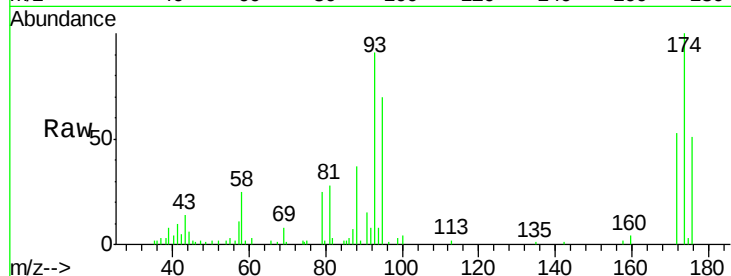




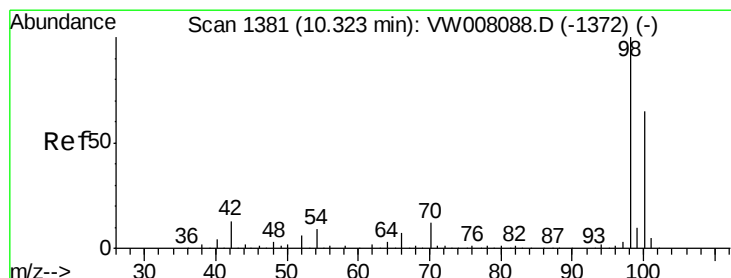
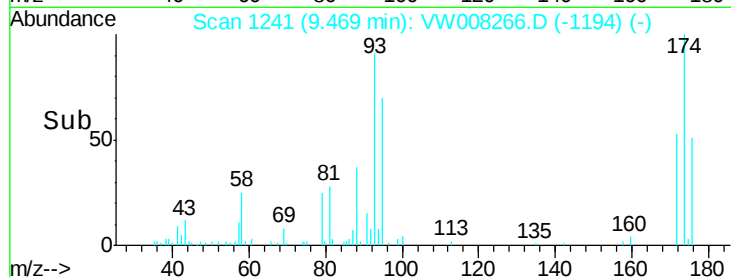
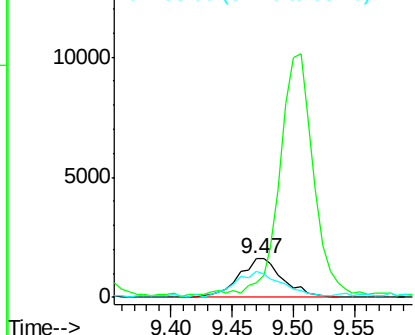
#49
 1,4-Dioxane
 Concen: 497.392 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tgt Ion: 88 Resp: 4022
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 73.7 61.7 92.5

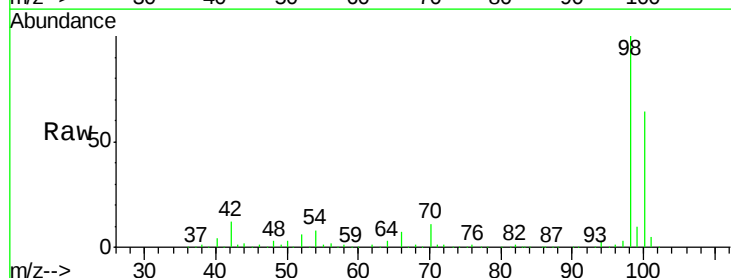


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

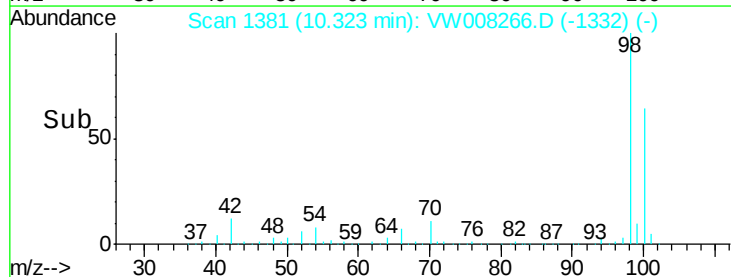
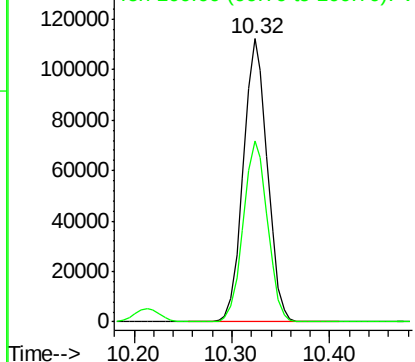


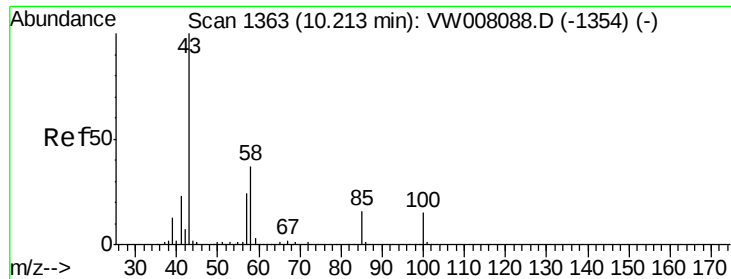
#50
 Toluene-d8
 Concen: 52.861 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 98 Resp: 191204
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5



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

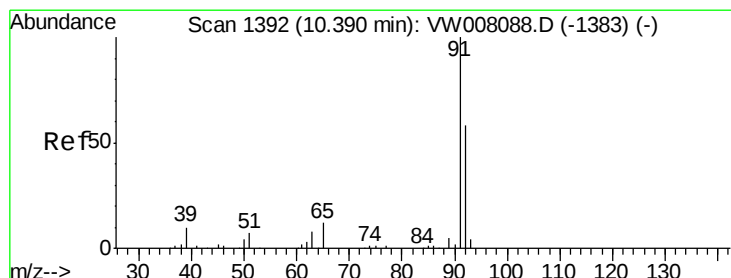
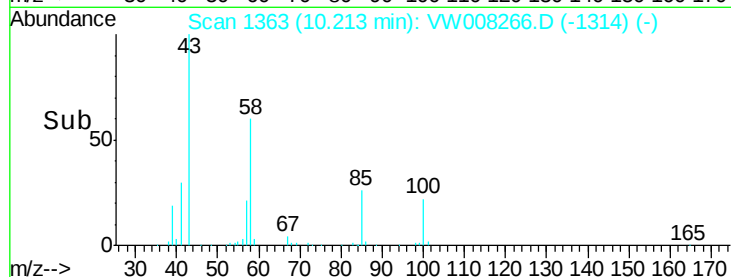
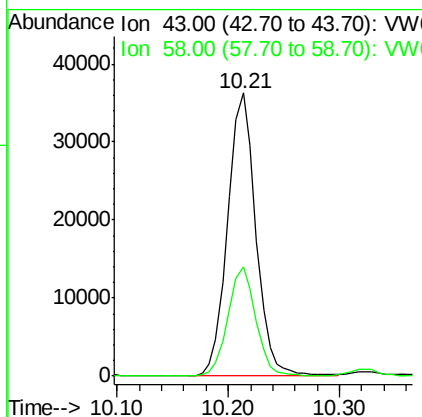
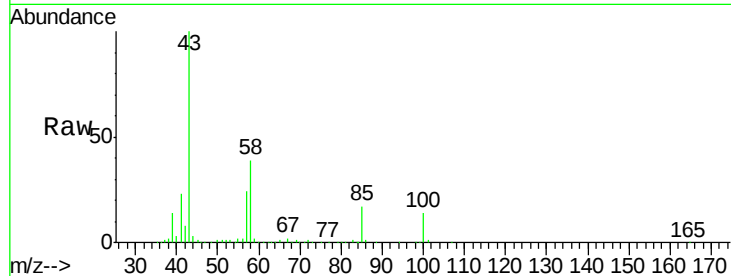




#51
 4-Methyl-2-Pentanone
 Concen: 108.332 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

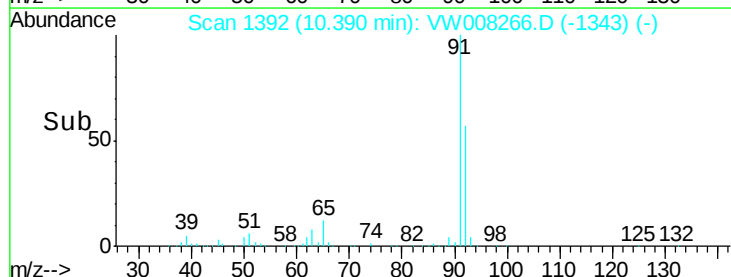
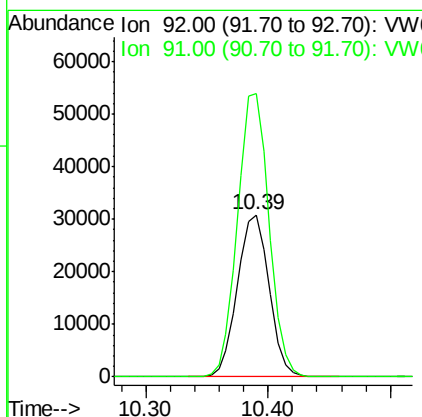
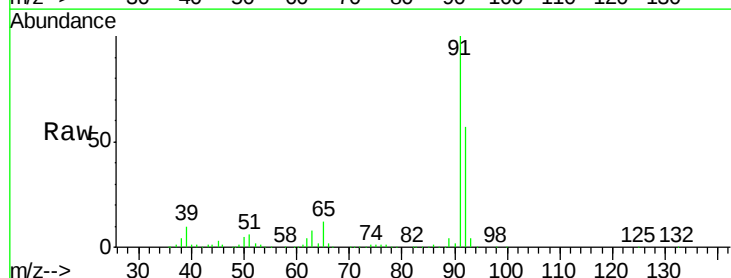
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

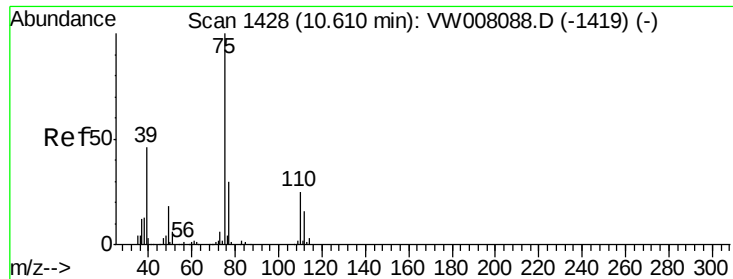
Tgt Ion: 43 Resp: 63946
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.6 46.0



#52
 Toluene
 Concen: 21.030 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 92 Resp: 55456
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.381 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

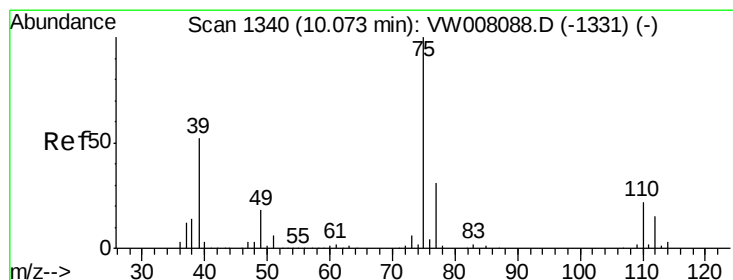
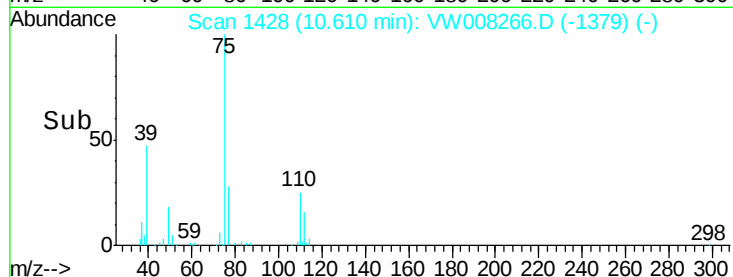
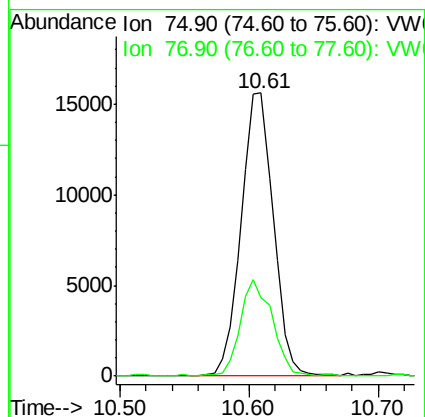
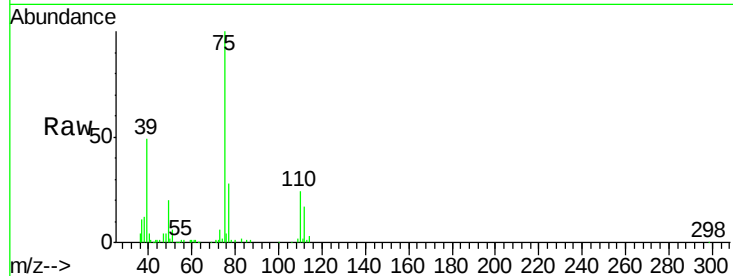
VW0114SBSD02

Tgt Ion: 75 Resp: 27067

Ion Ratio Lower Upper

75 100

77 28.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.792 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

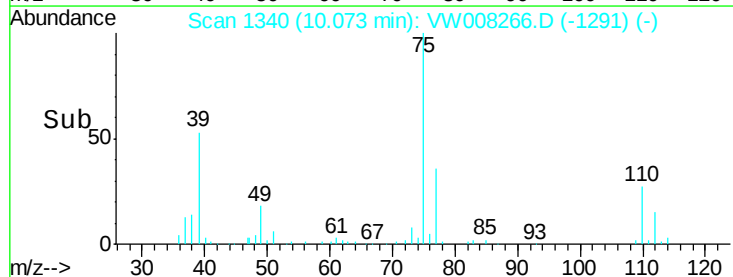
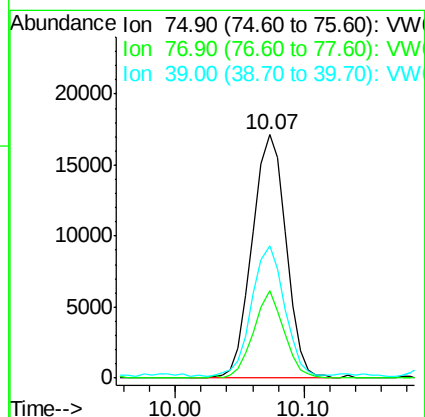
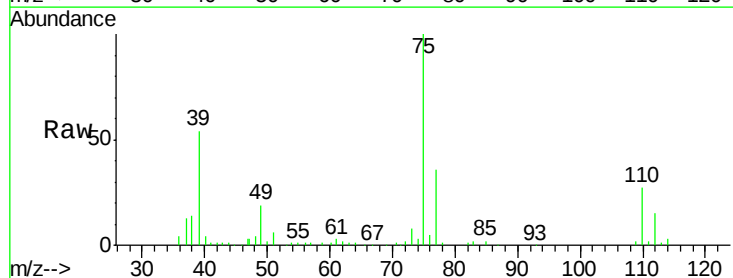
Tgt Ion: 75 Resp: 31169

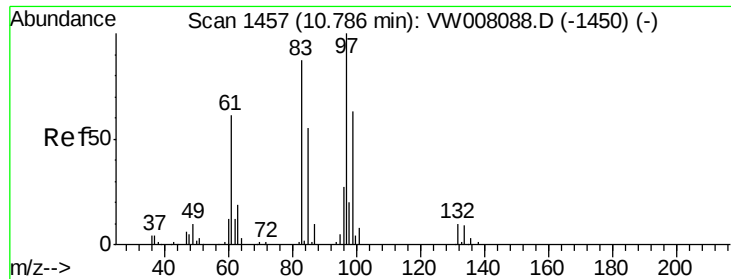
Ion Ratio Lower Upper

75 100

77 35.7 25.2 37.8

39 53.7 41.4 62.0

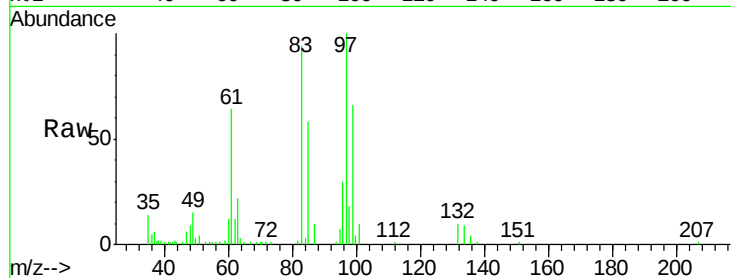




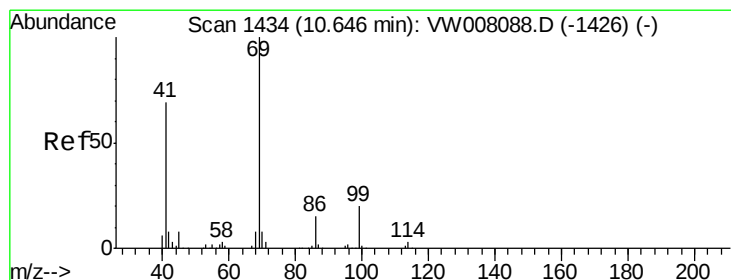
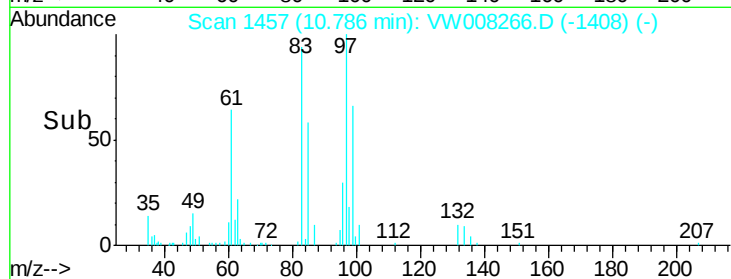
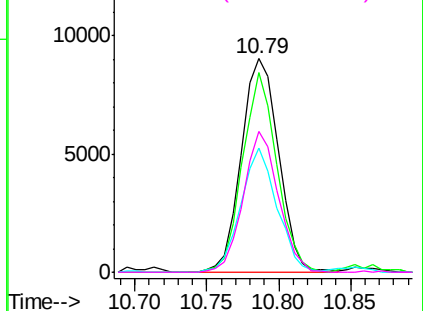
#55
 1,1,2-Trichloroethane
 Concen: 22.919 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tgt Ion:	97	Resp:	16180
Ion	Ratio	Lower	Upper
97	100		
83	93.7	69.3	103.9
85	58.3	43.8	65.6
99	65.9	50.0	75.0

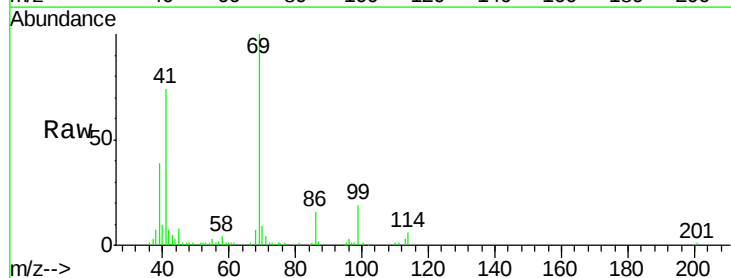


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

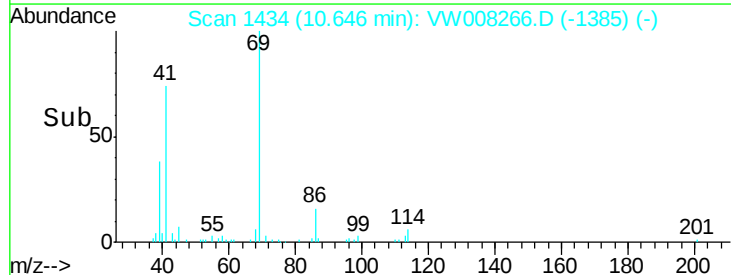
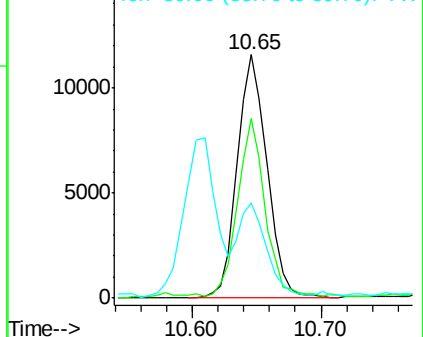


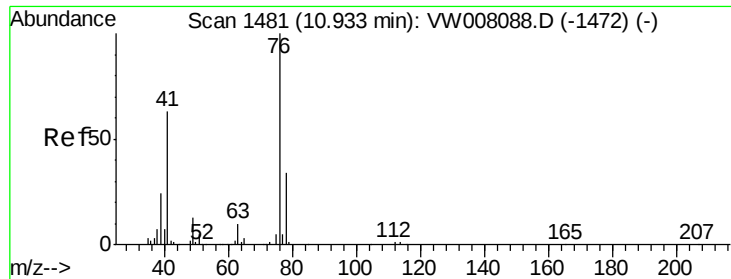
#56
 Ethyl methacrylate
 Concen: 21.274 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion:	69	Resp:	18599
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.4	84.6
39	36.1	28.1	42.1



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

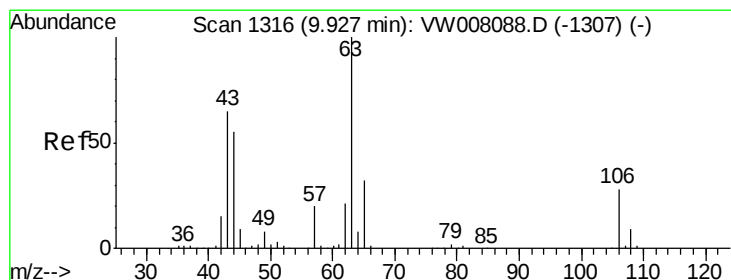
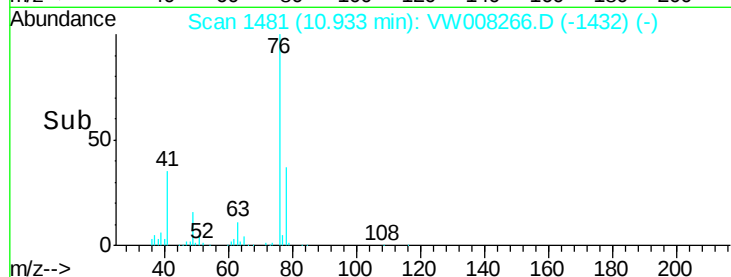
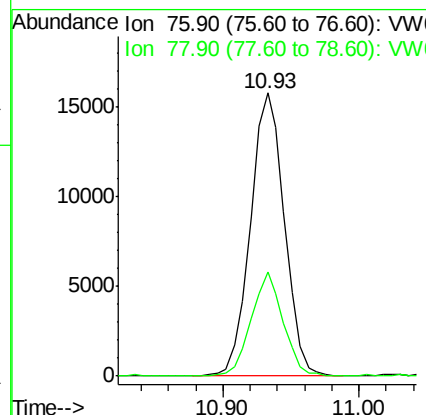
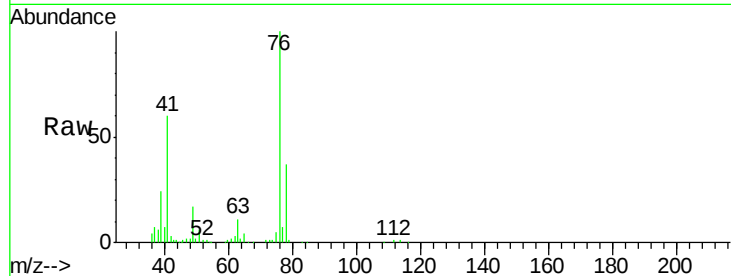




#57
 1,3-Dichloropropane
 Concen: 21.351 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

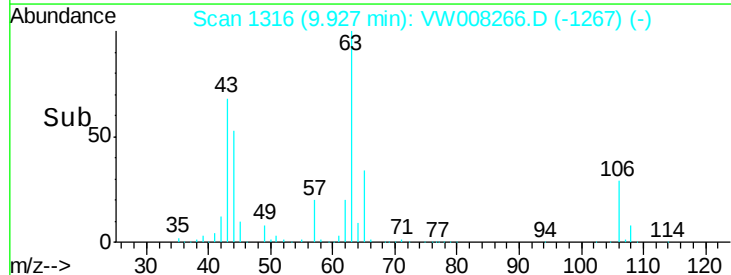
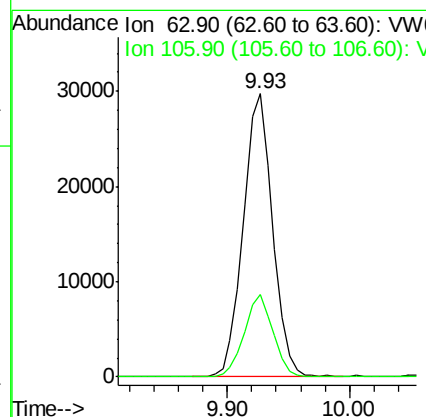
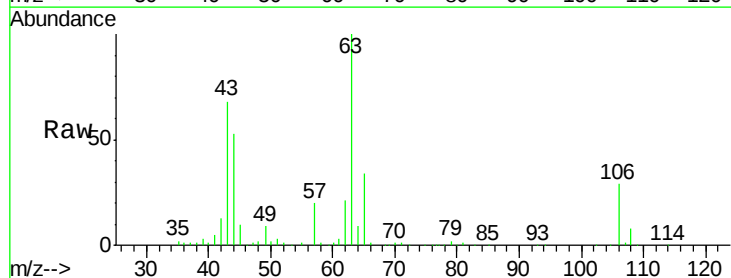
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

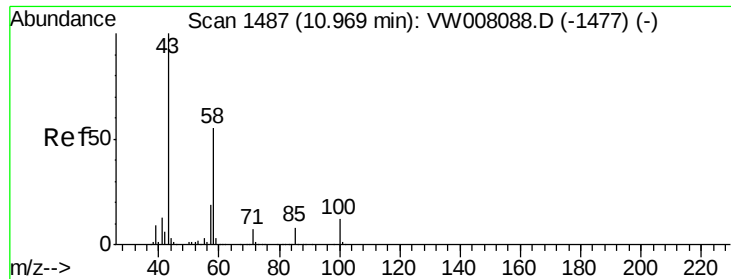
Tgt Ion: 76 Resp: 27566
 Ion Ratio Lower Upper
 76 100
 78 34.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.405 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 63 Resp: 49407
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.6

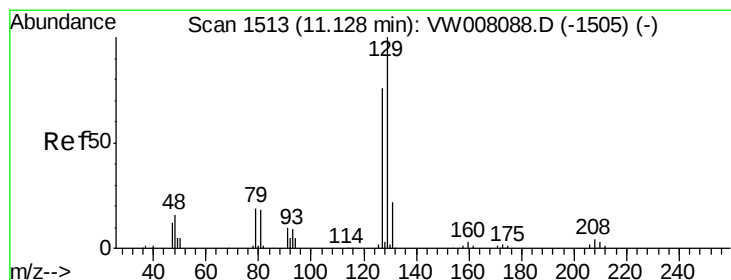
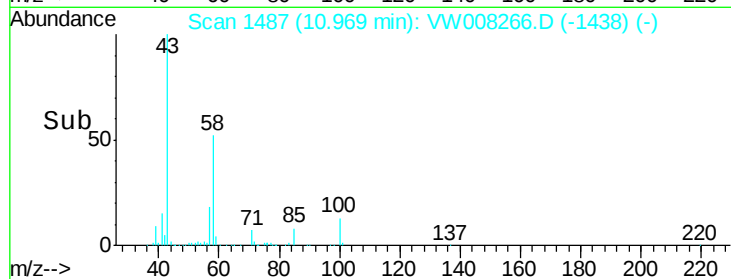
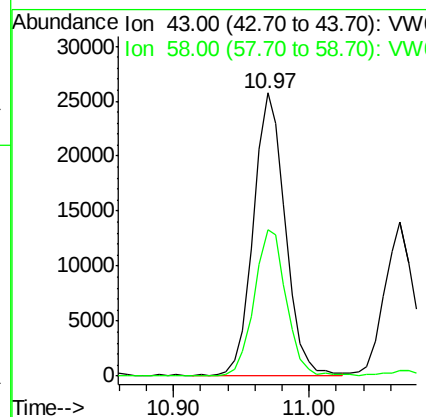
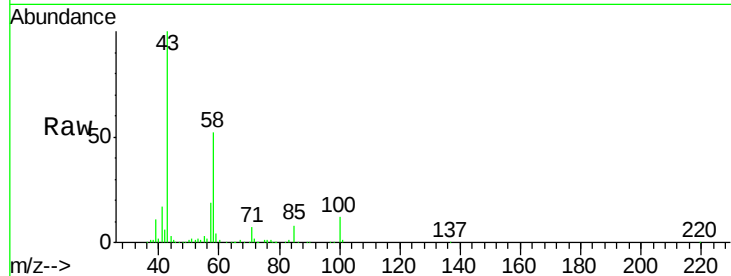




#59
2-Hexanone
Concen: 106.134 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

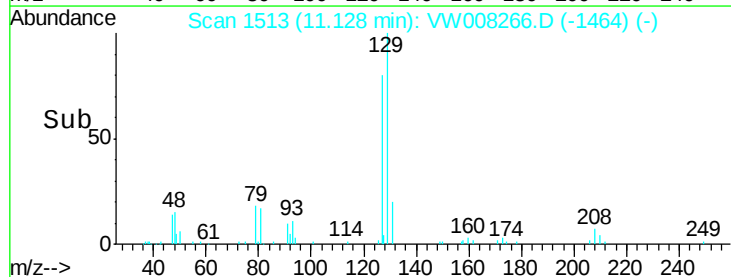
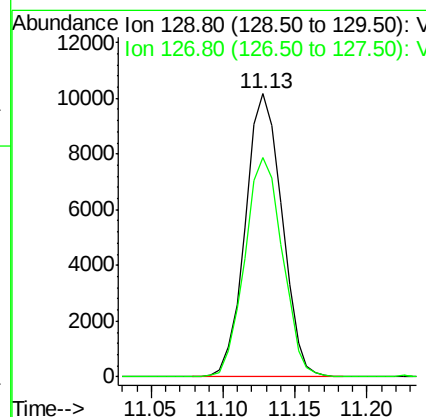
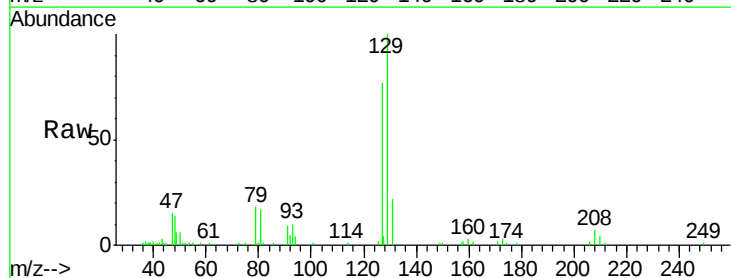
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

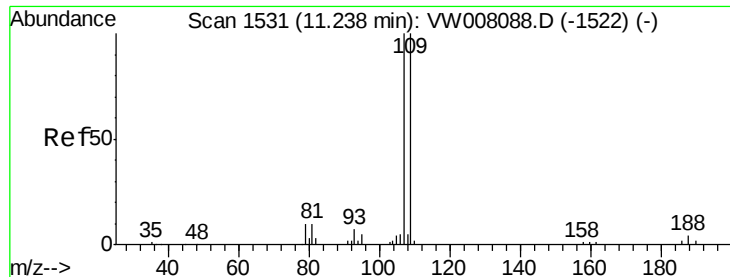
Tgt Ion: 43 Resp: 42366
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5



#60
Dibromochloromethane
Concen: 23.087 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 129 Resp: 17897
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.6

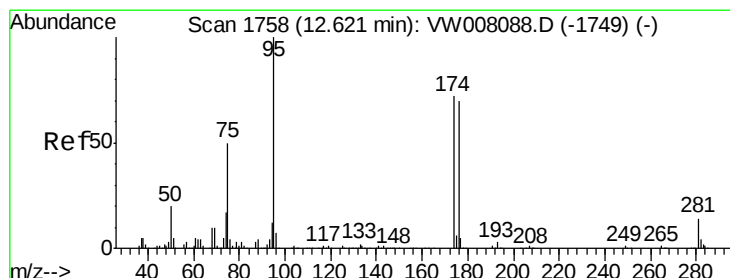
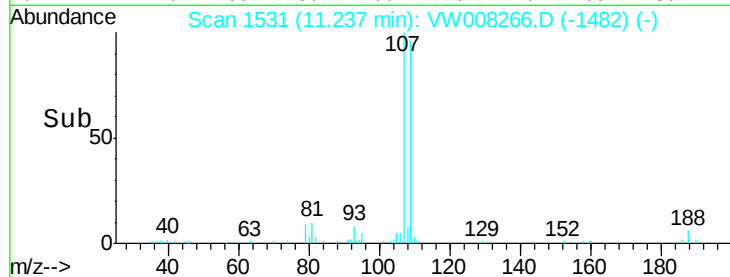
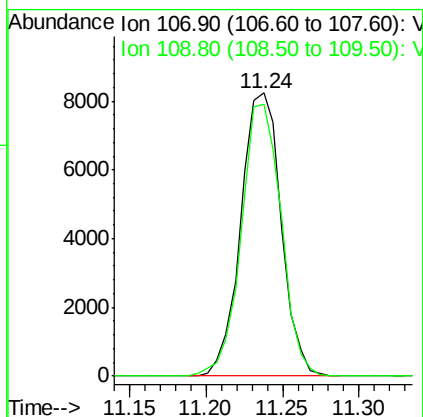
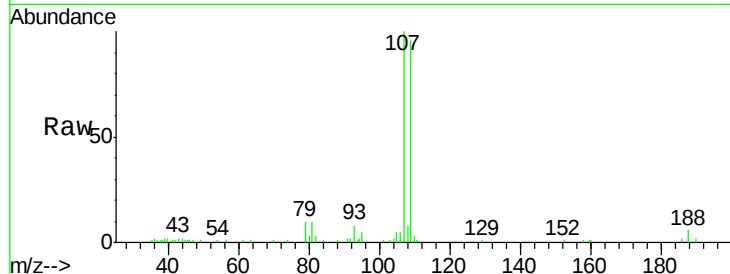




#61
1,2-Dibromoethane
Concen: 22.503 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

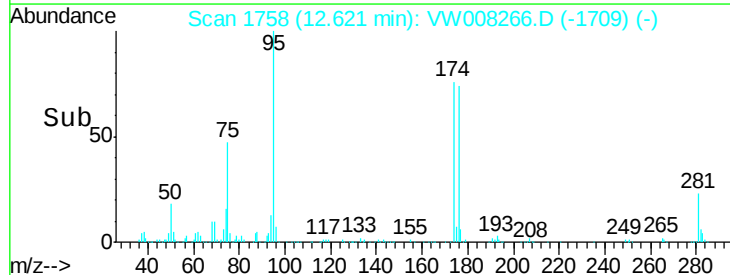
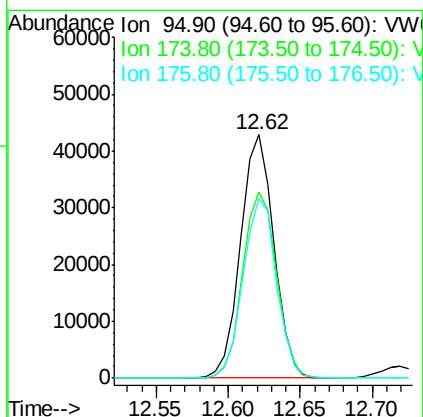
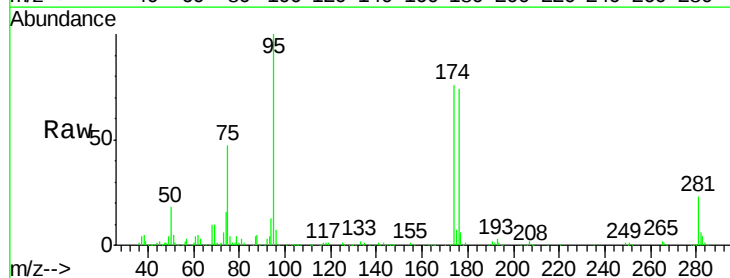
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

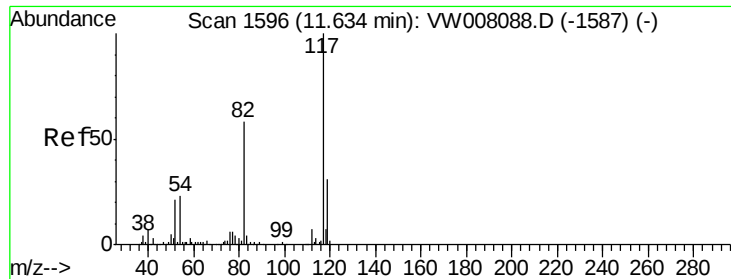
Tgt Ion: 107 Resp: 15074
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.961 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 95 Resp: 68676
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.0
176 73.7 0.0 140.2

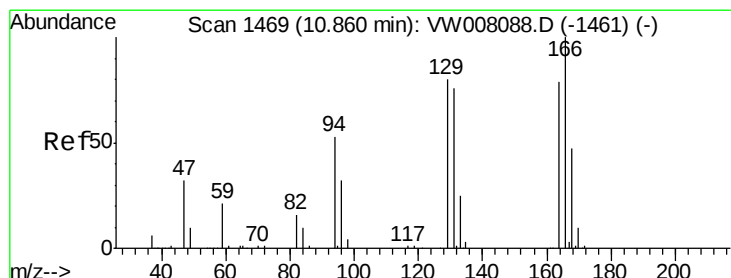
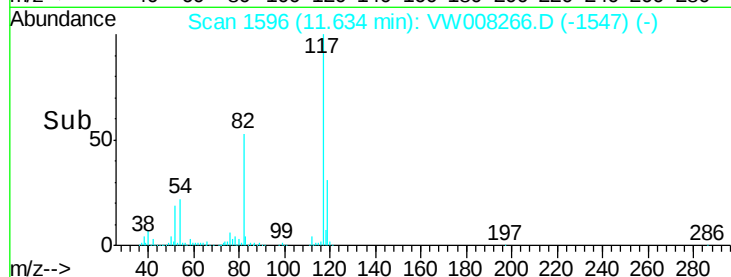
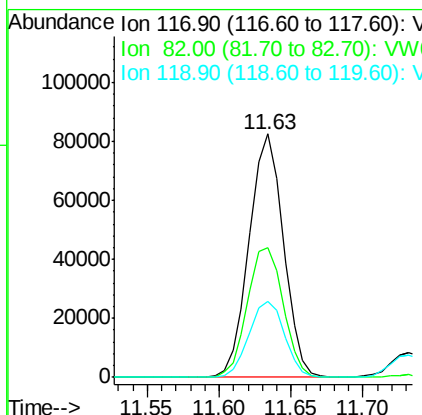
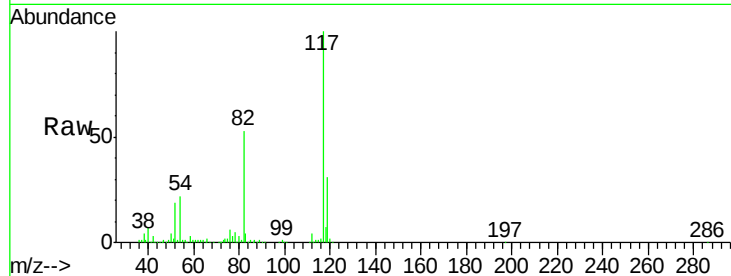




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

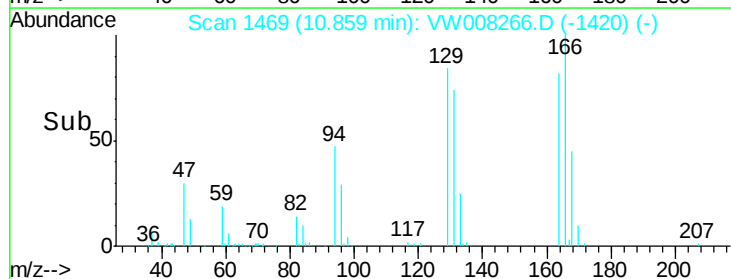
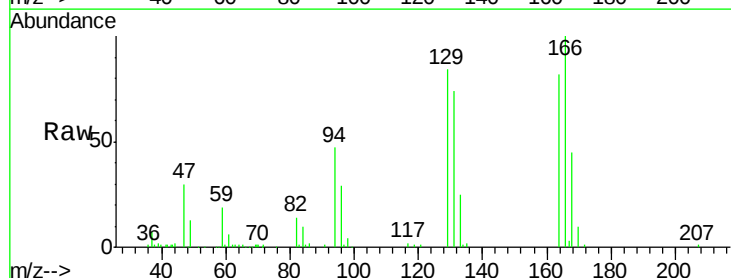
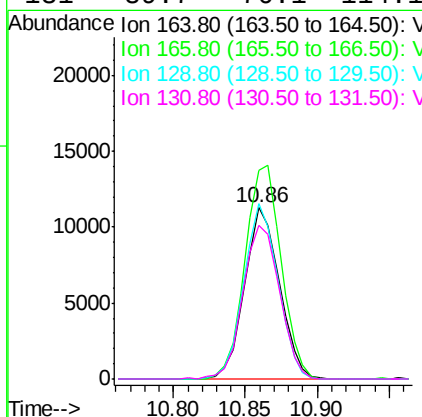
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

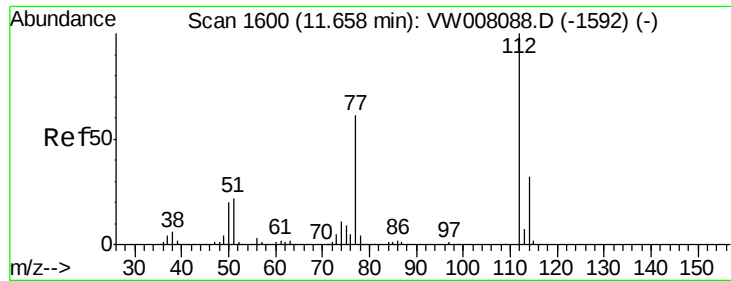
Tgt Ion:117 Resp: 136383
Ion Ratio Lower Upper
117 100
82 53.5 46.4 69.6
119 31.1 24.7 37.1



#64
Tetrachloroethene
Concen: 21.282 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:164 Resp: 18889
Ion Ratio Lower Upper
164 100
166 121.8 100.7 151.1
129 102.7 81.0 121.4
131 89.7 76.1 114.1

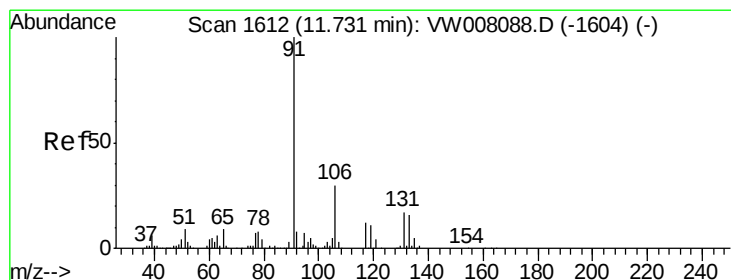
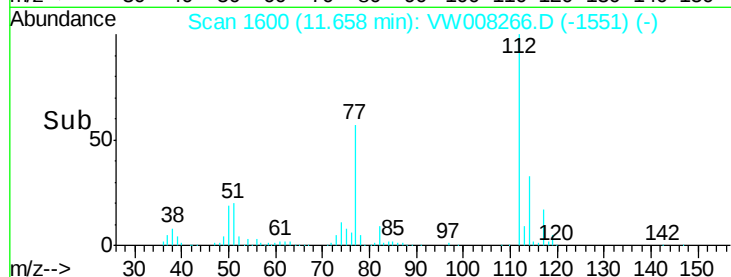
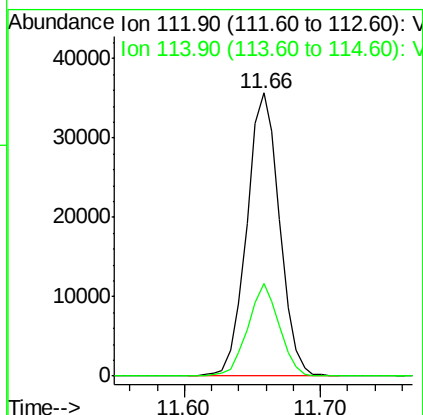
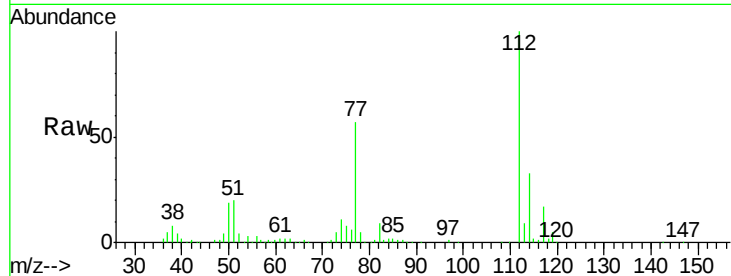




#65
Chlorobenzene
Concen: 20.835 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

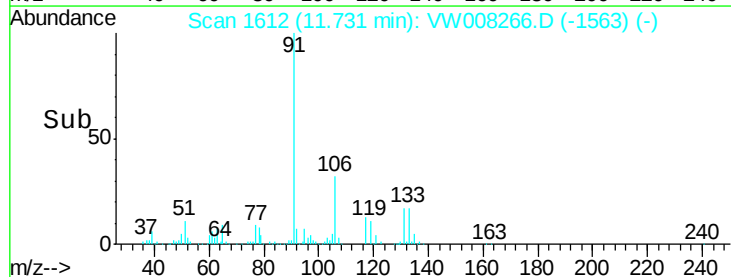
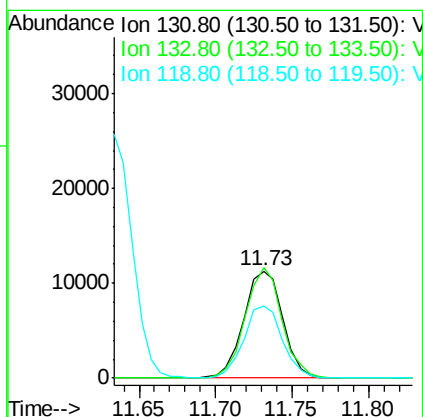
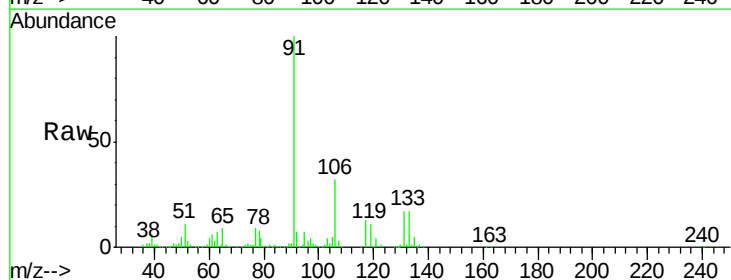
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

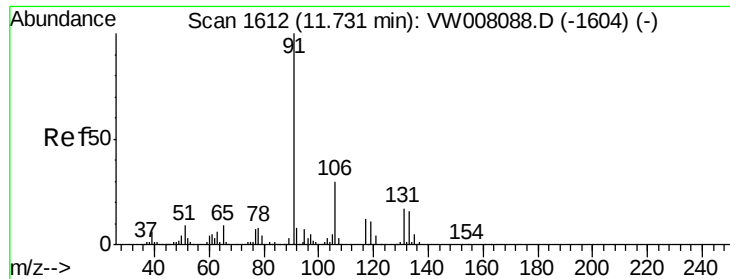
Tgt Ion:112 Resp: 60199
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.251 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:131 Resp: 19971
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.7
119 66.6 32.5 97.4

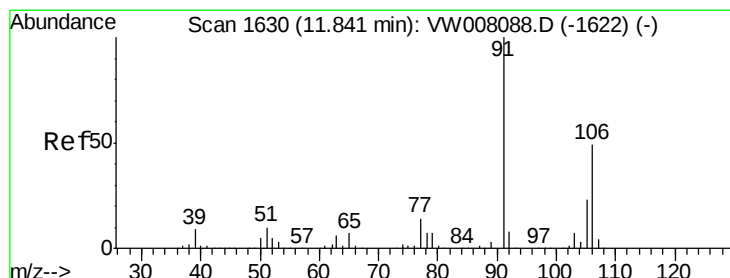
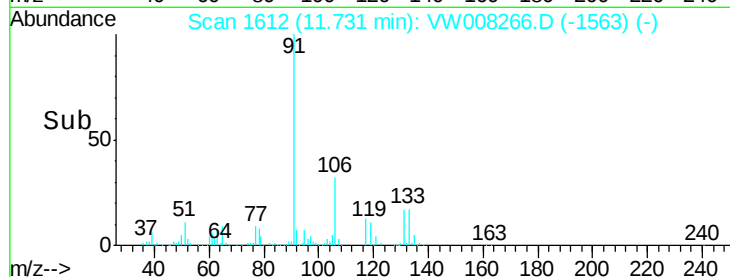
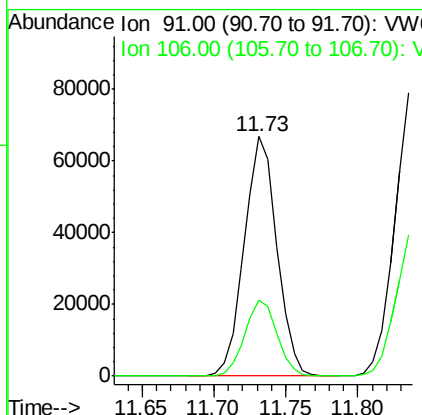
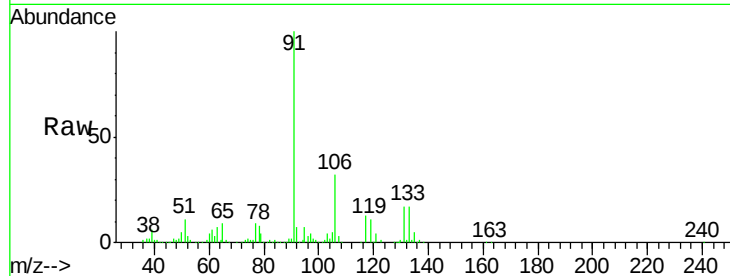




#67
Ethyl Benzene
Concen: 19.838 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

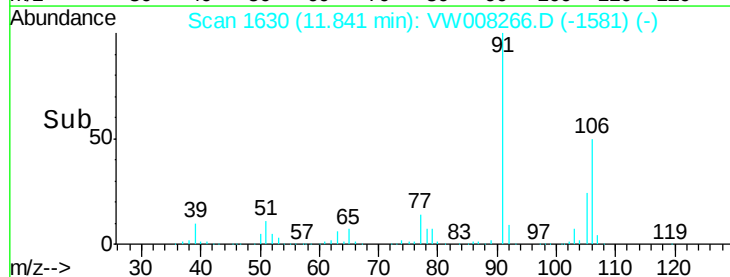
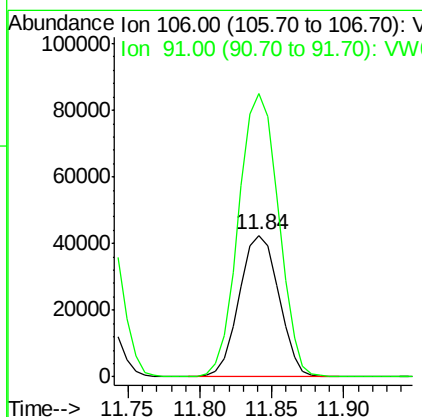
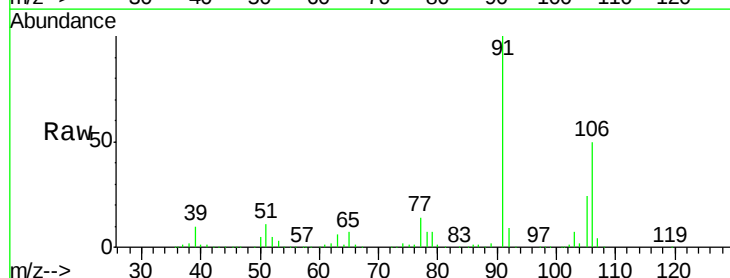
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

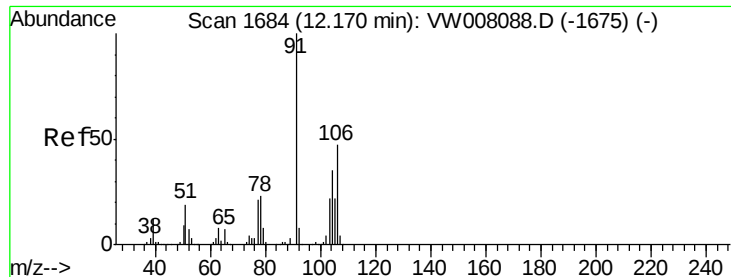
Tgt Ion: 91 Resp: 104878
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 40.320 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion: 106 Resp: 81361
Ion Ratio Lower Upper
106 100
91 201.4 162.4 243.6

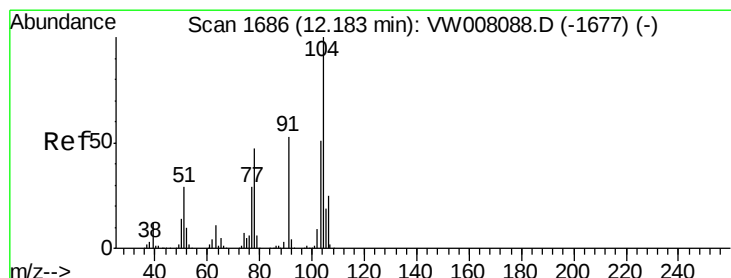
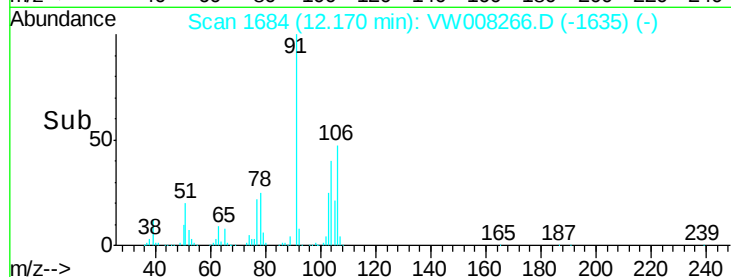
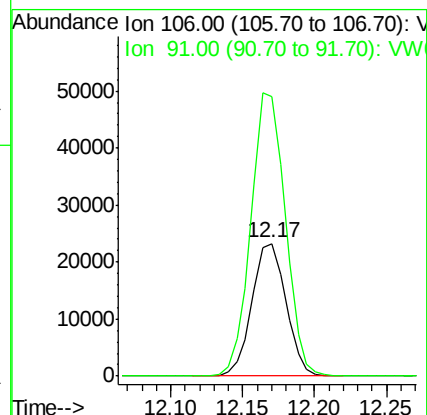
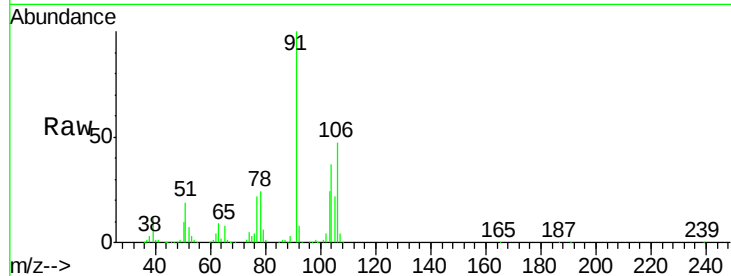




#69
o-Xylene
Concen: 20.342 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

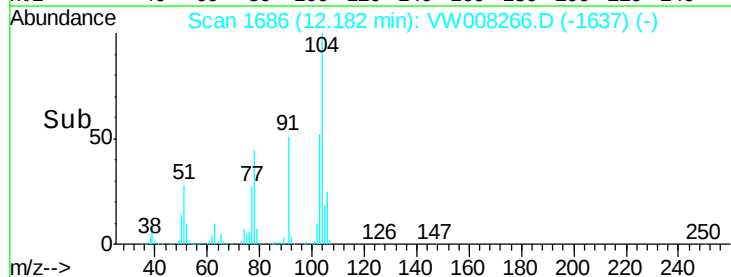
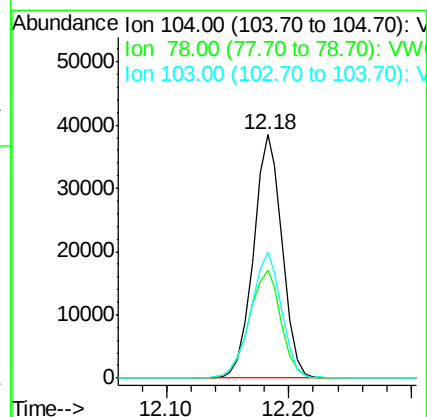
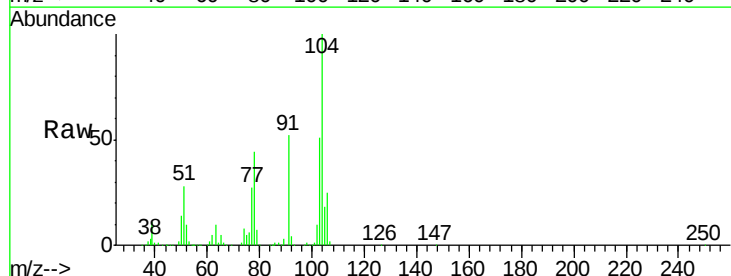
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

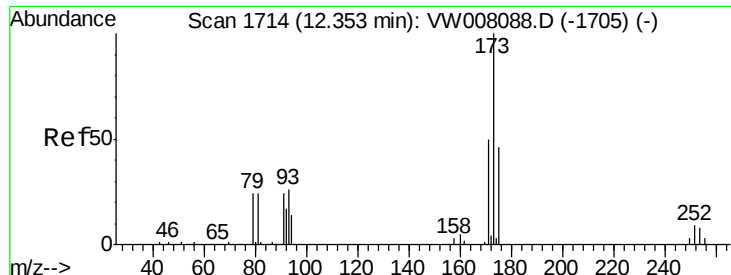
Tgt Ion:106 Resp: 38013
Ion Ratio Lower Upper
106 100
91 215.4 107.8 323.6



#70
Styrene
Concen: 21.344 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:104 Resp: 62472
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.8 43.8 65.8





#71

Bromoform

Concen: 23.638 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

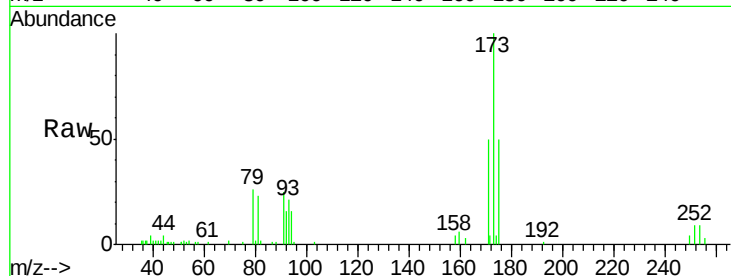
Tgt Ion:173 Resp: 9942

Ion Ratio Lower Upper

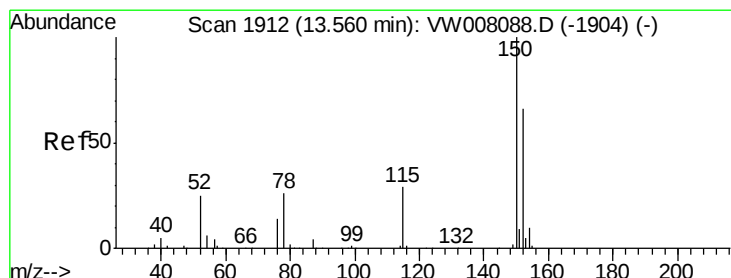
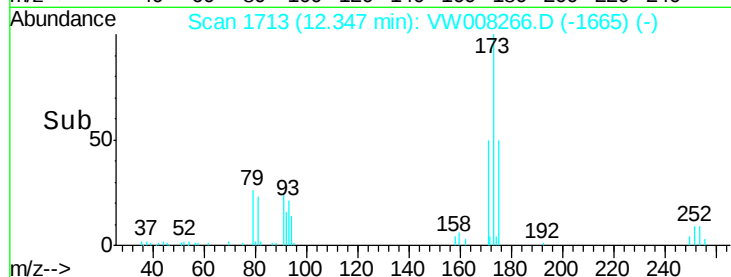
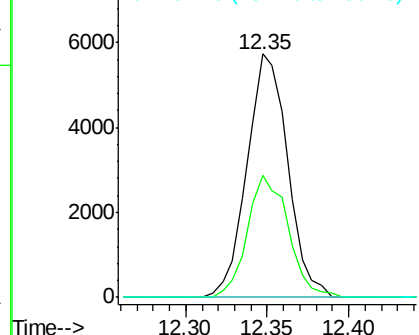
173 100

175 50.4 23.3 69.8

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

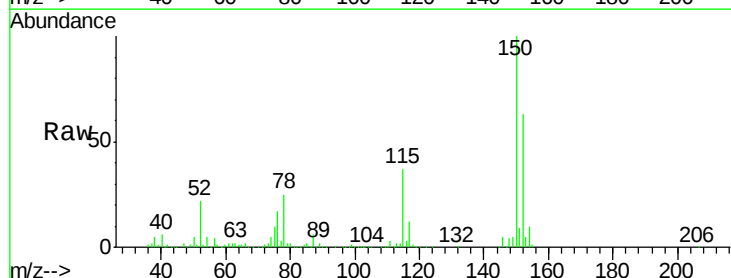
Tgt Ion:152 Resp: 66906

Ion Ratio Lower Upper

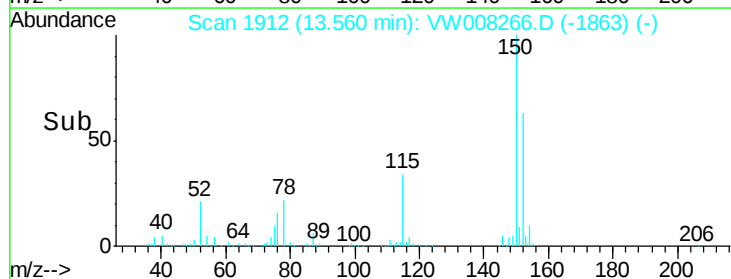
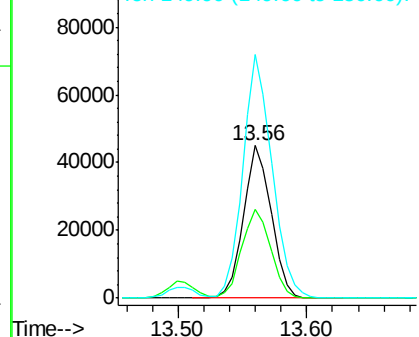
152 100

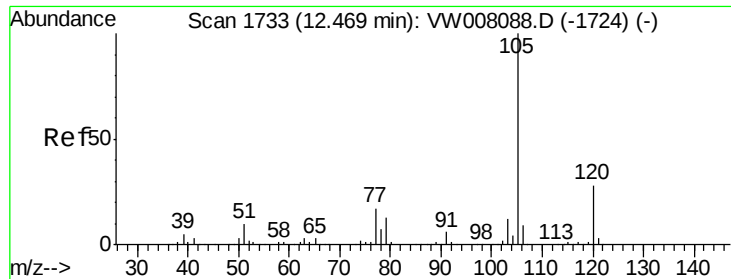
115 61.1 30.8 92.4

150 168.2 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.708 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

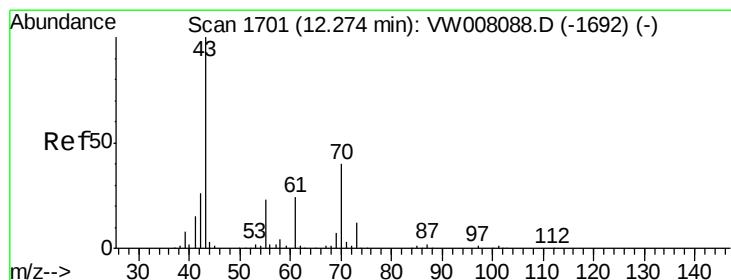
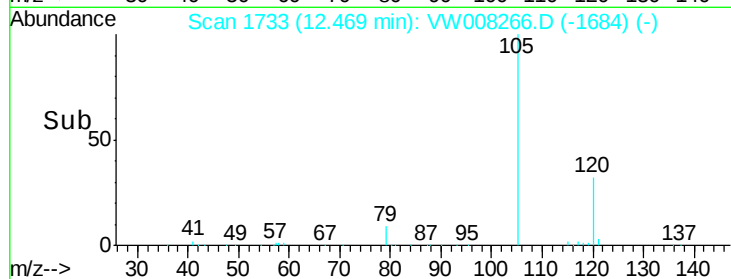
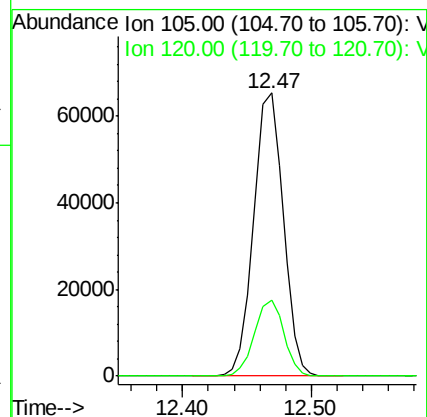
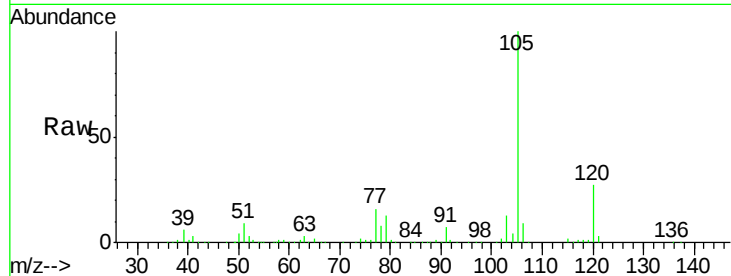
VW0114SBSD02

Tgt Ion: 105 Resp: 103519

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#74

N-ethyl acetate

Concen: 19.918 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Tgt Ion: 43 Resp: 23170

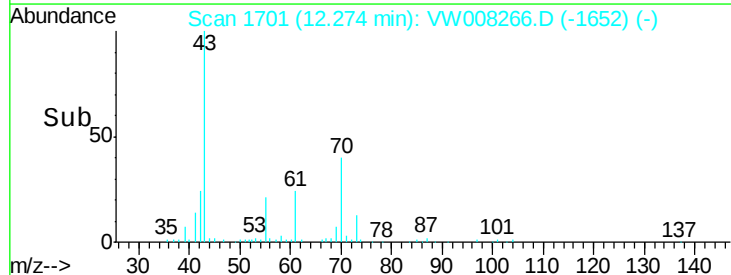
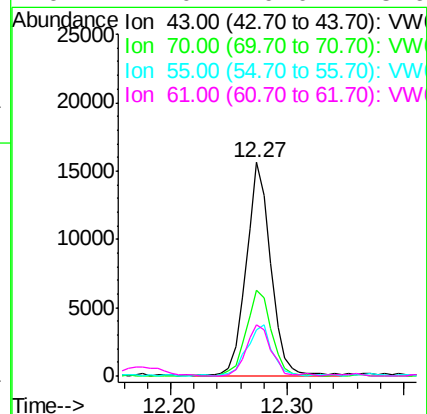
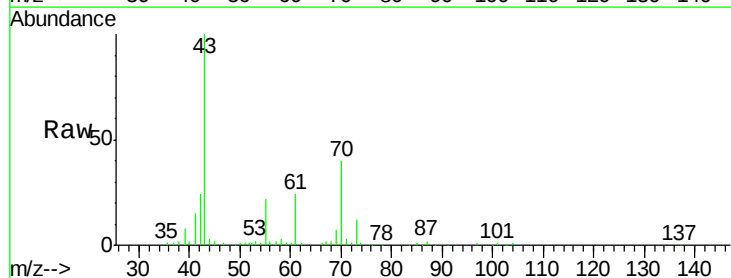
Ion Ratio Lower Upper

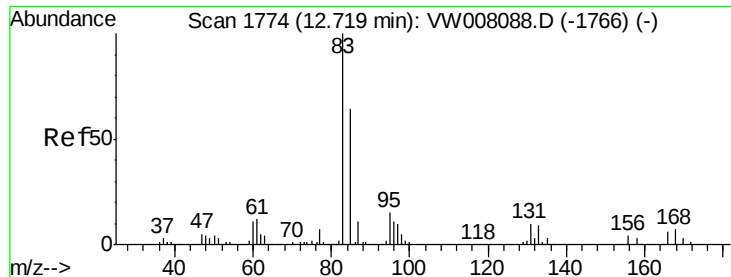
43 100

70 40.9 32.4 48.6

55 24.9 18.7 28.1

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.951 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

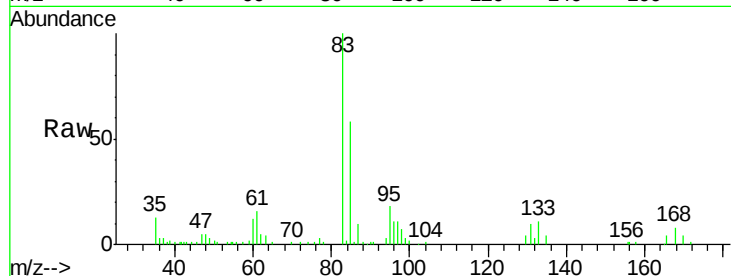
Tgt Ion: 83 Resp: 18456

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

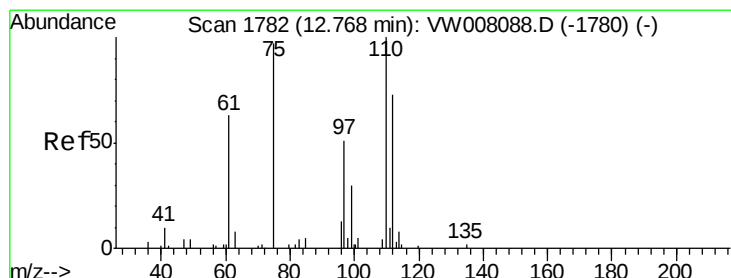
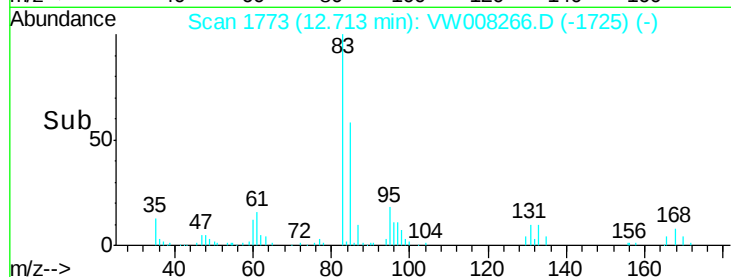
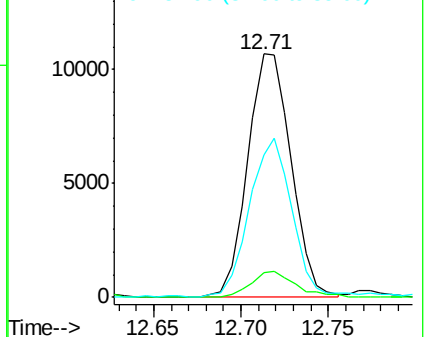
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.440 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008266.D

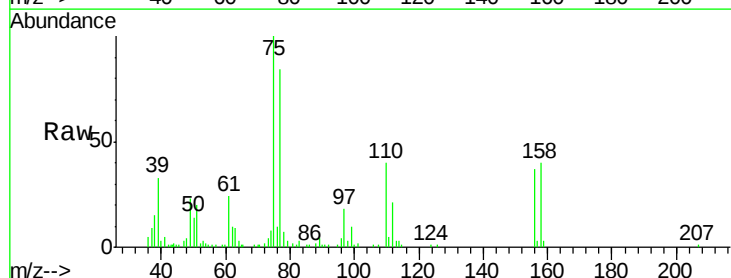
Acq: 15 Jan 2019 01:50

Tgt Ion: 75 Resp: 24055

Ion Ratio Lower Upper

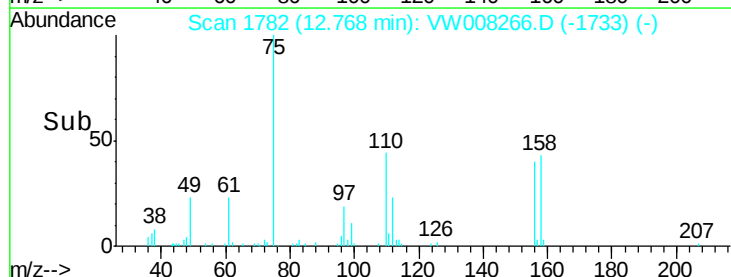
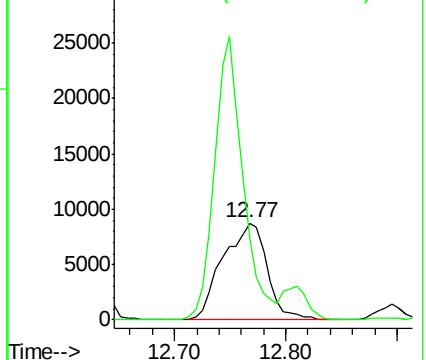
75 100

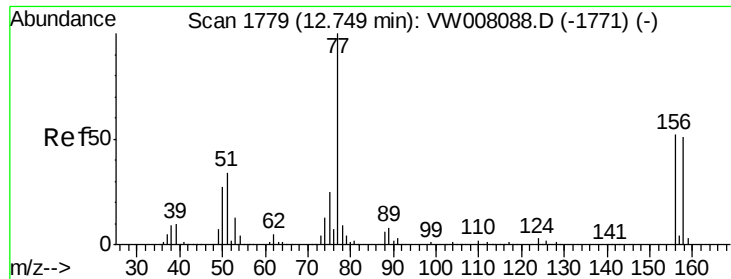
77 189.1 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.462 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

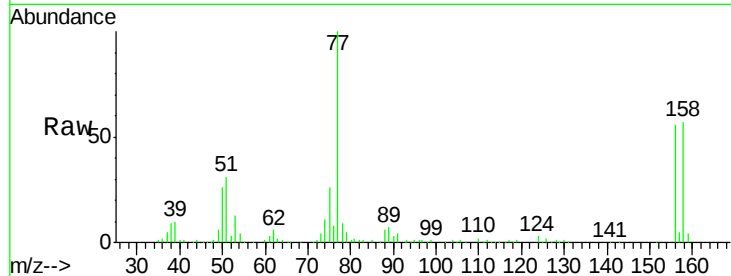
Tgt Ion: 156 Resp: 23821

Ion Ratio Lower Upper

156 100

77 191.0 104.2 312.5

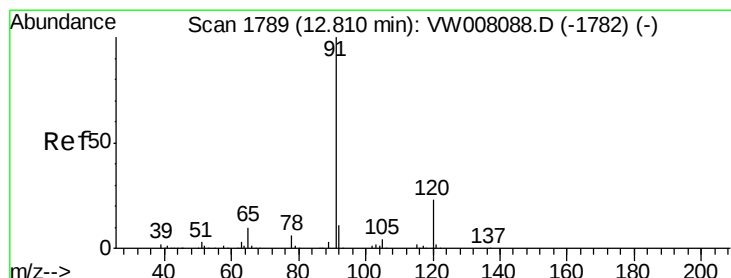
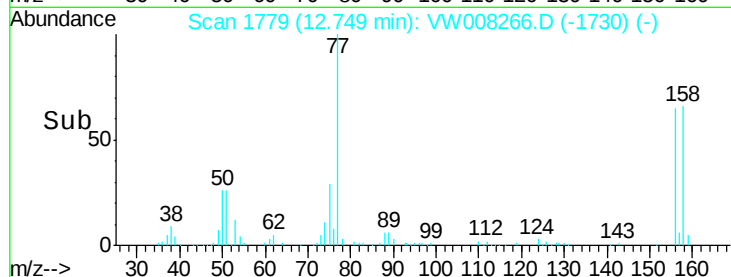
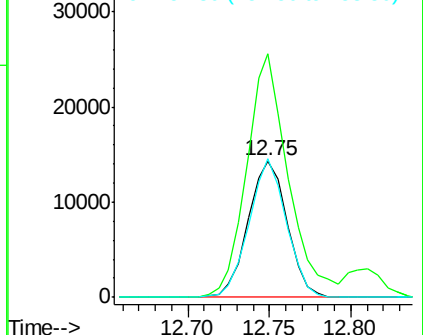
158 97.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.581 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008266.D

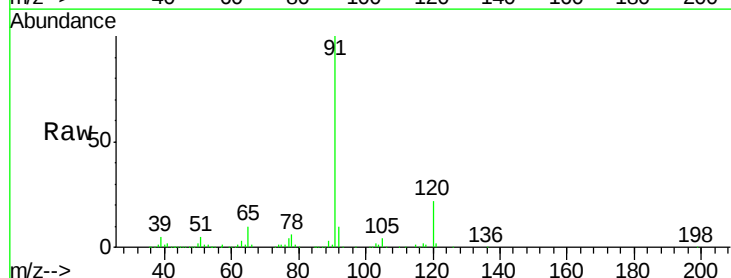
Acq: 15 Jan 2019 01:50

Tgt Ion: 91 Resp: 126028

Ion Ratio Lower Upper

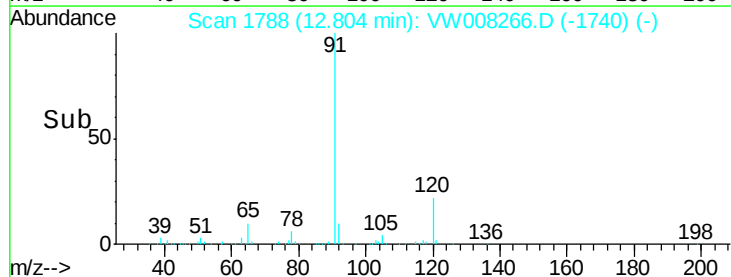
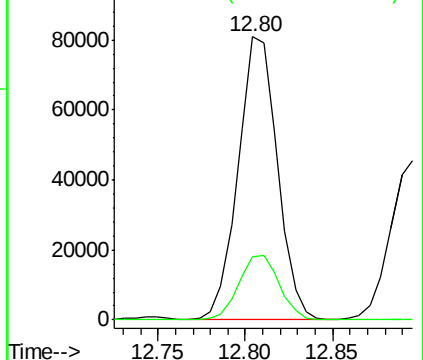
91 100

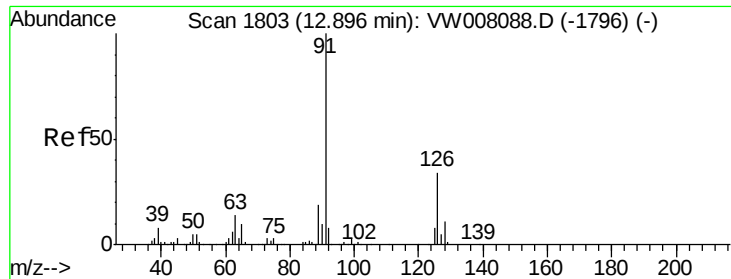
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.131 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

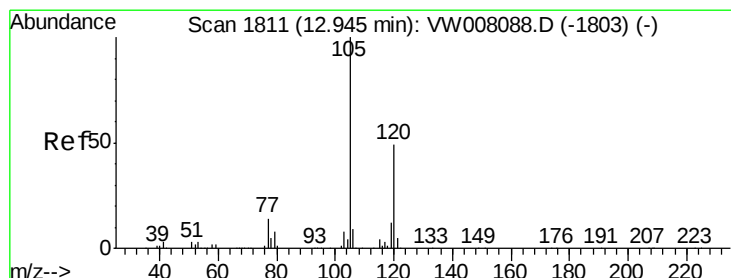
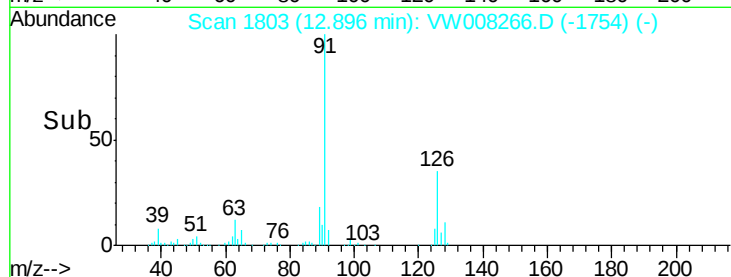
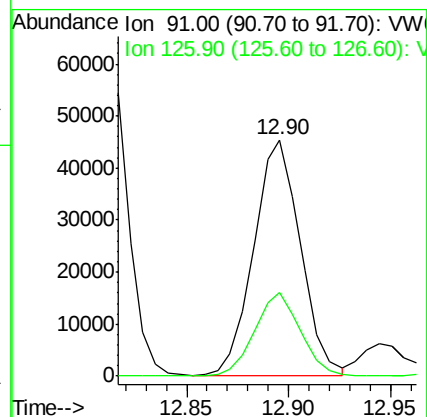
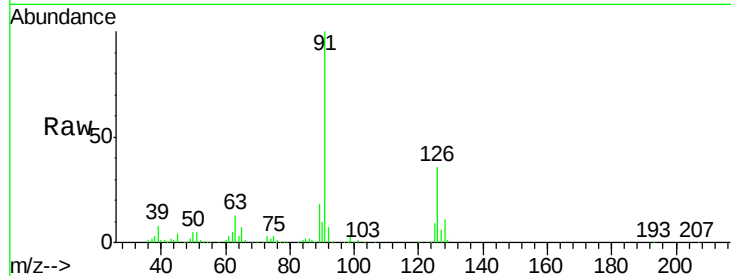
VW0114SBSD02

Tgt Ion: 91 Resp: 72286

Ion Ratio Lower Upper

91 100

126 34.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.329 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008266.D

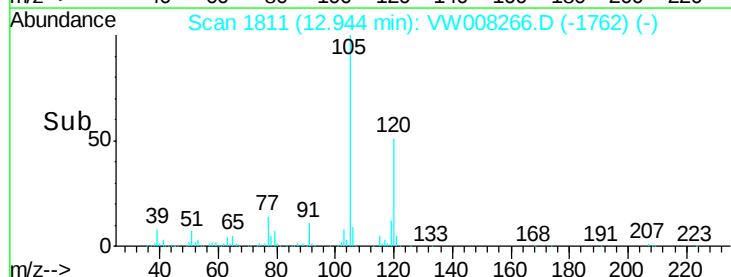
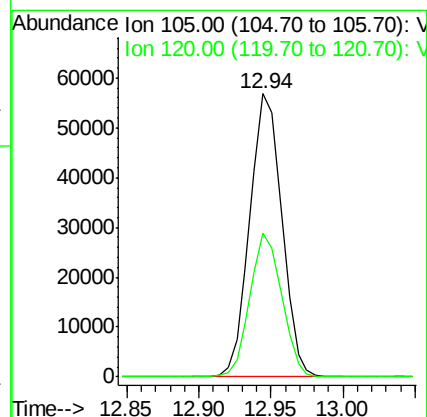
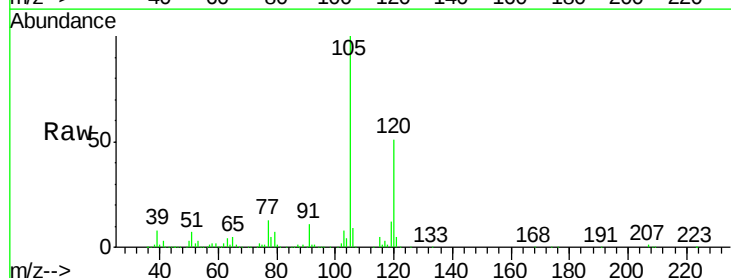
Acq: 15 Jan 2019 01:50

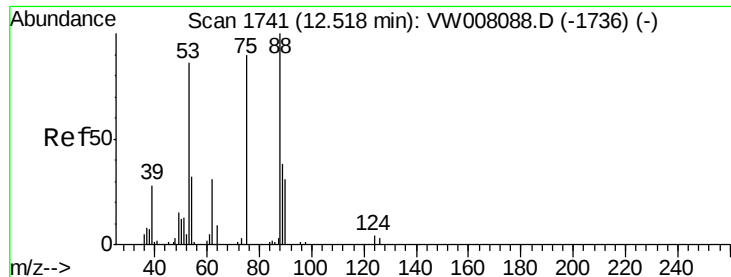
Tgt Ion: 105 Resp: 87752

Ion Ratio Lower Upper

105 100

120 50.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.755 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

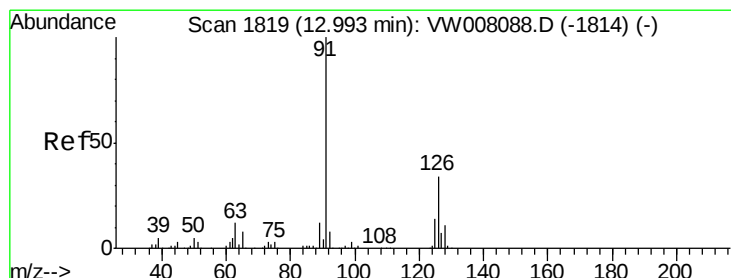
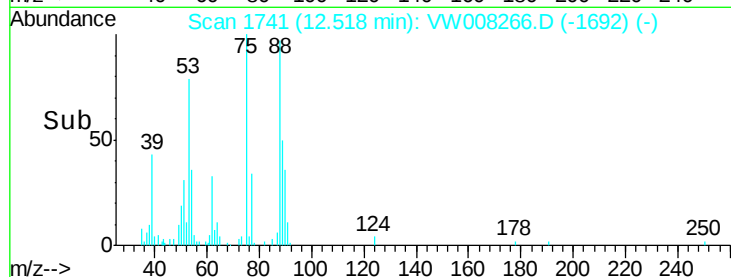
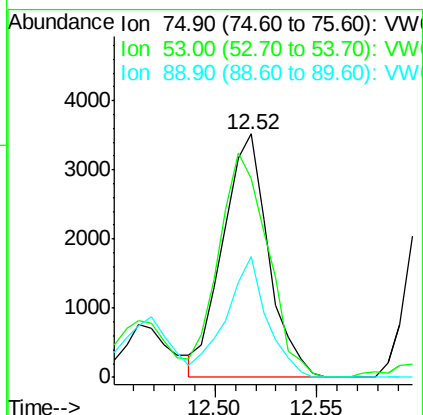
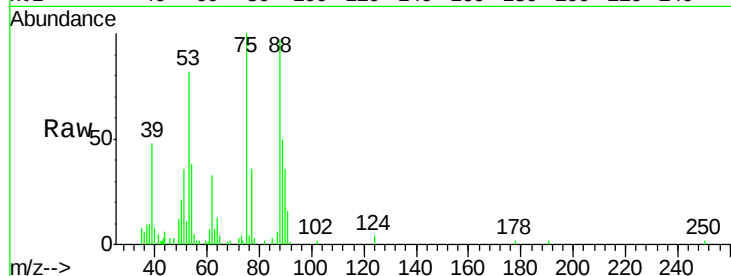
Tgt Ion: 75 Resp: 5436

Ion Ratio Lower Upper

75 100

53 99.6 78.8 118.2

89 44.8 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.125 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008266.D

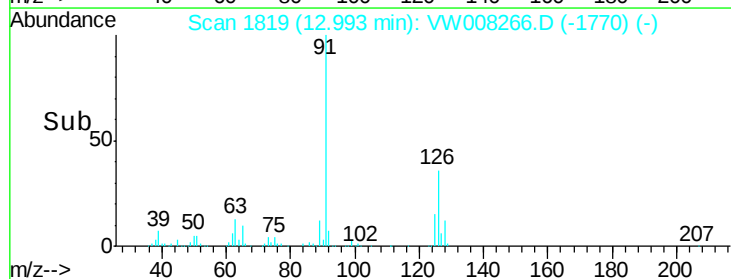
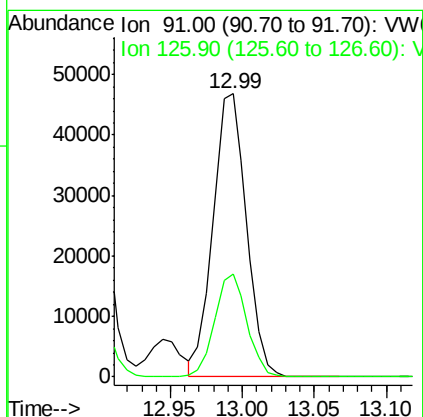
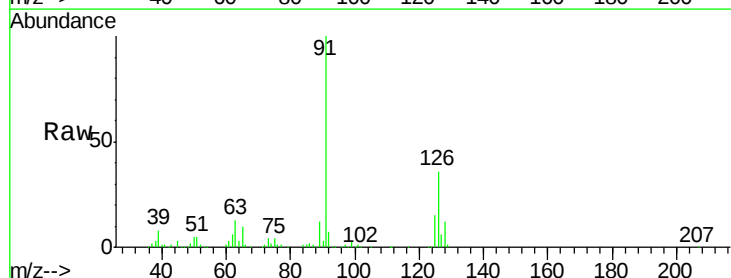
Acq: 15 Jan 2019 01:50

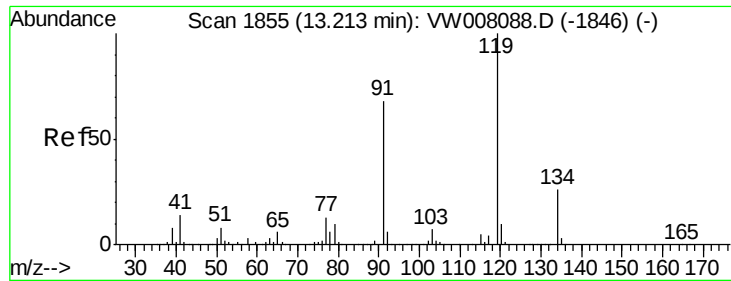
Tgt Ion: 91 Resp: 76107

Ion Ratio Lower Upper

91 100

126 35.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.989 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

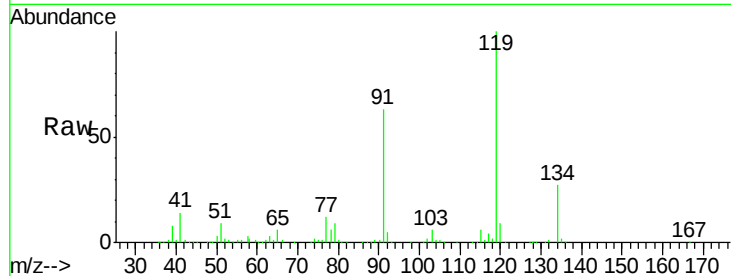
Tgt Ion:119 Resp: 76335

Ion Ratio Lower Upper

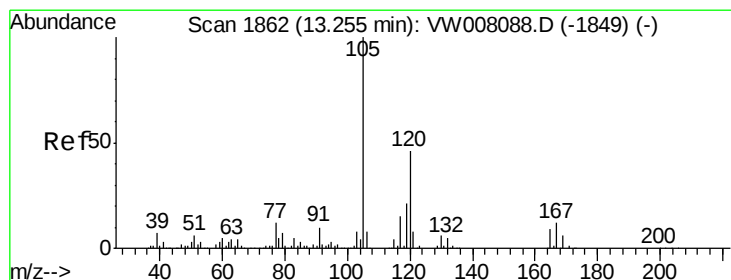
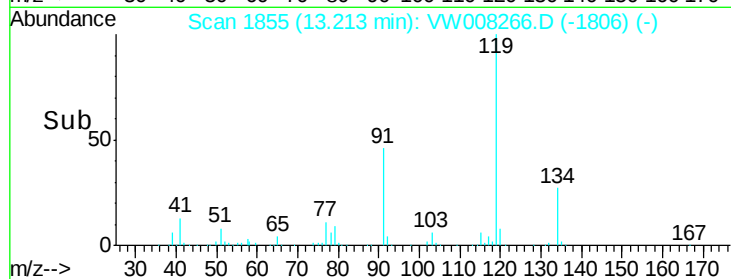
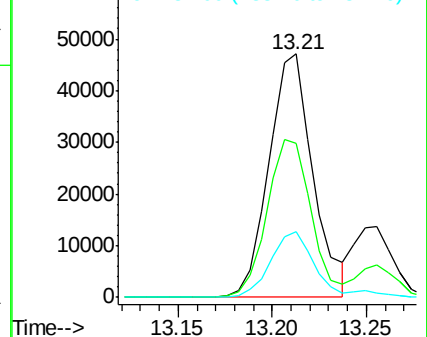
119 100

91 65.0 33.9 101.6

134 28.2 13.6 40.8



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



#84

1,2,4-Trimethylbenzene

Concen: 20.455 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008266.D

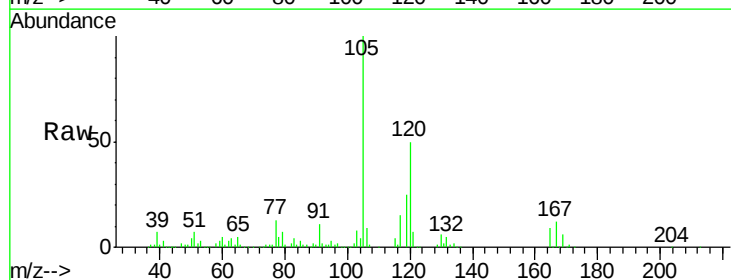
Acq: 15 Jan 2019 01:50

Tgt Ion:105 Resp: 91064

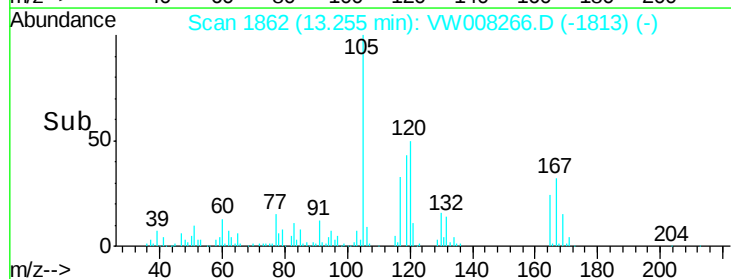
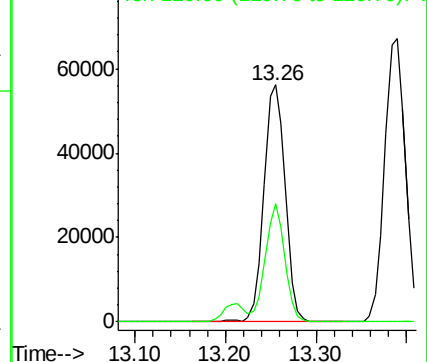
Ion Ratio Lower Upper

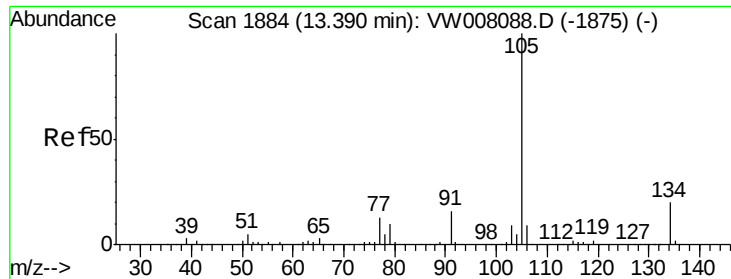
105 100

120 45.8 22.7 68.1



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





#85

sec-Butylbenzene

Concen: 19.098 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

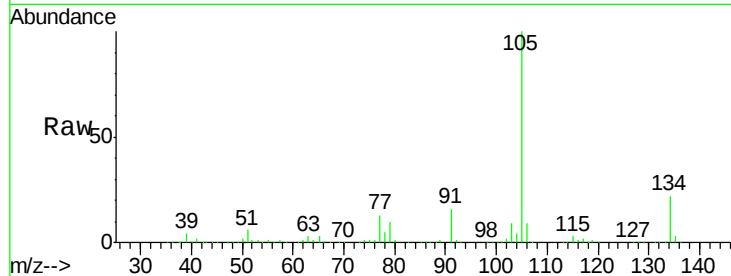
VW0114SBSD02

Tgt Ion:105 Resp: 106834

Ion Ratio Lower Upper

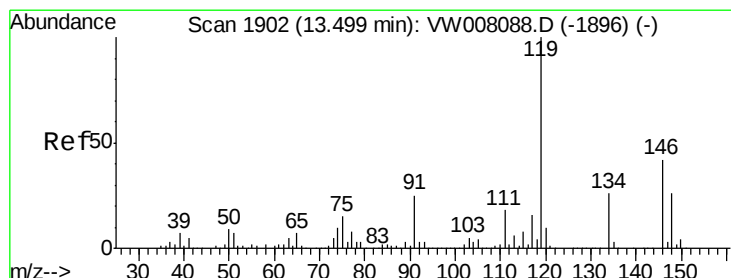
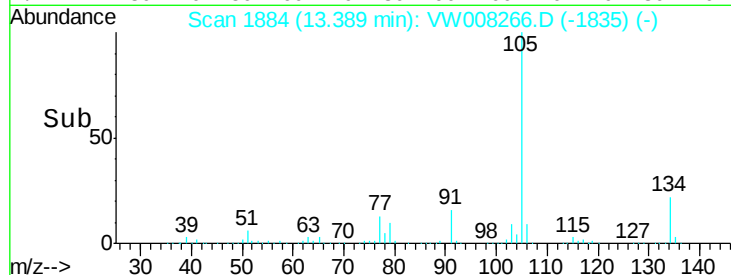
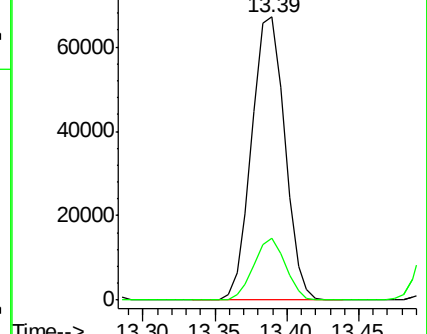
105 100

134 20.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.363 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

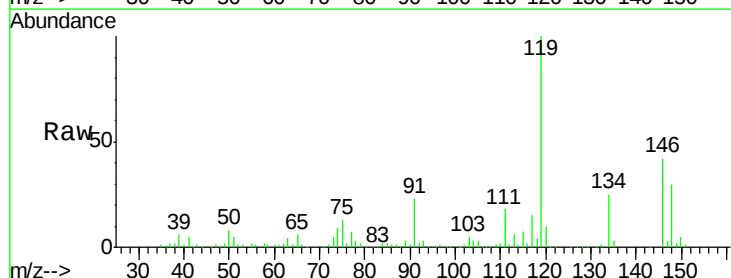
Tgt Ion:119 Resp: 93532

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

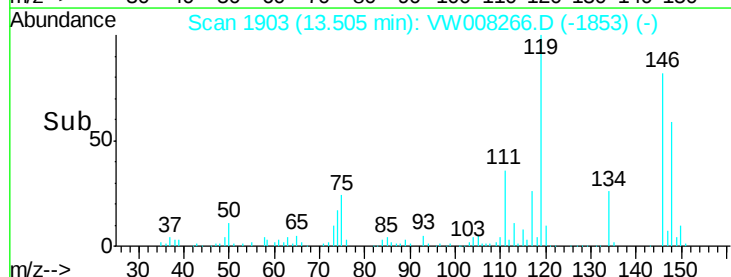
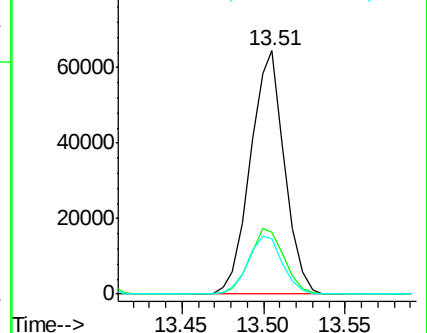
91 24.4 12.3 36.9

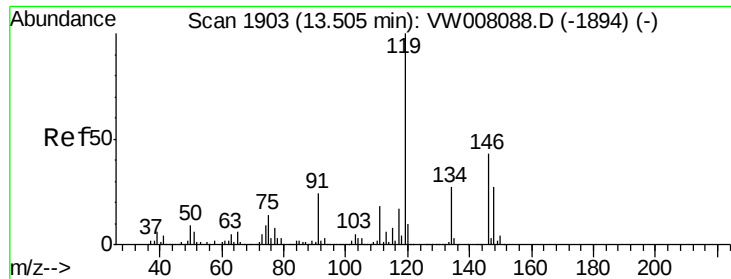


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

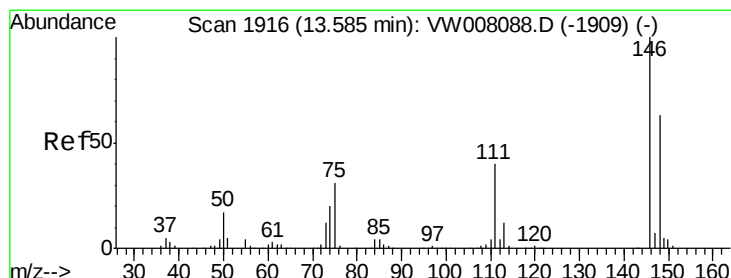
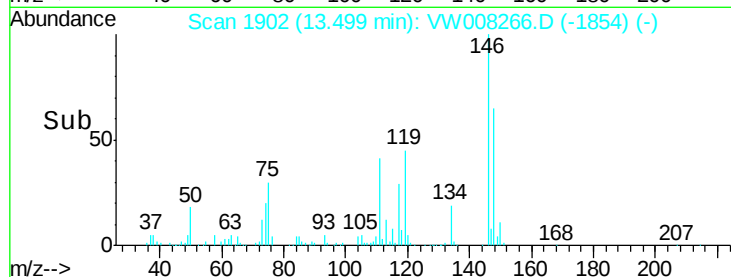
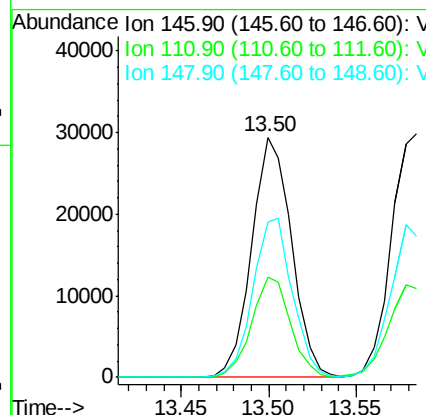
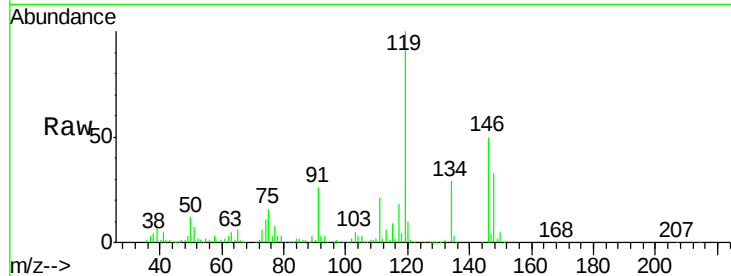




#87
 1,3-Dichlorobenzene
 Concen: 20.831 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

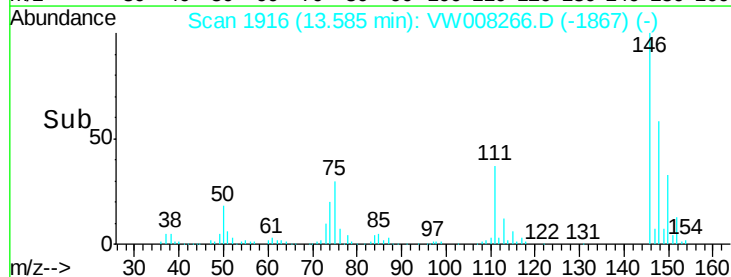
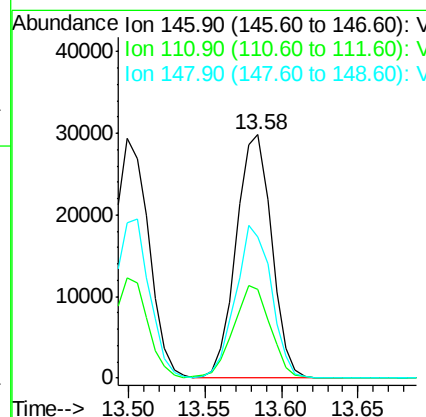
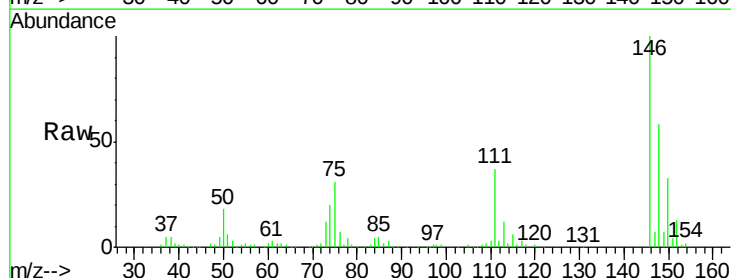
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

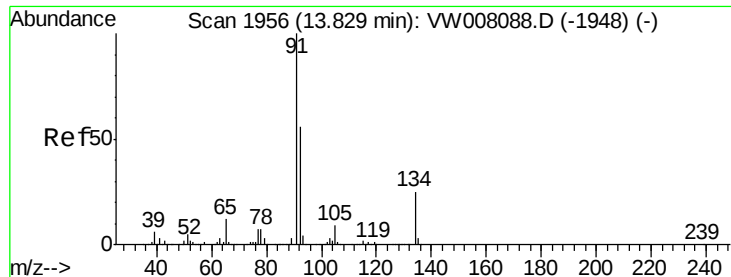
Tgt Ion:146 Resp: 46900
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.1 63.1
 148 65.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 21.251 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion:146 Resp: 48004
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.5 61.5
 148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 19.201 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008266.D

Acq: 15 Jan 2019 01:50

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBSD02

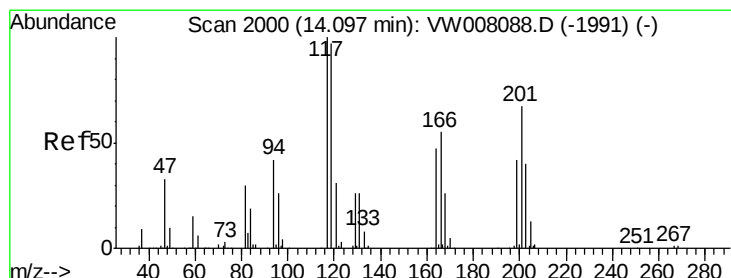
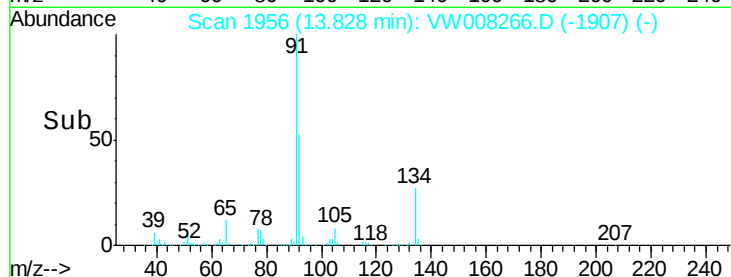
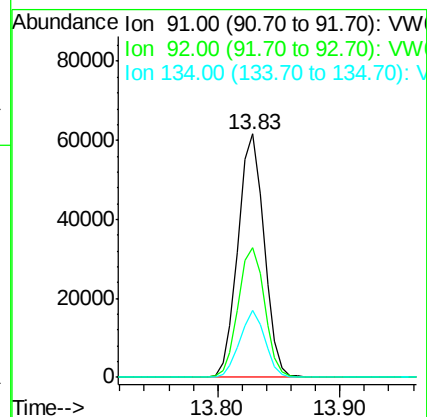
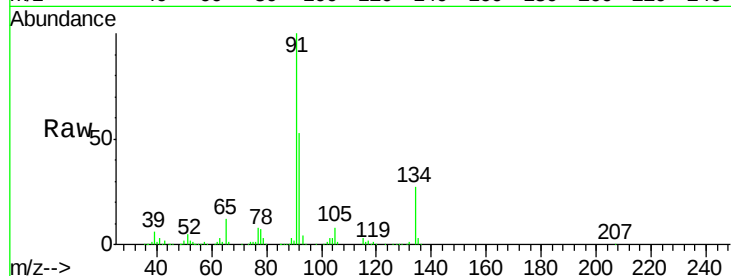
Tgt Ion: 91 Resp: 90844

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.2

134 26.5 12.6 37.8



#90

Hexachloroethane

Concen: 21.208 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008266.D

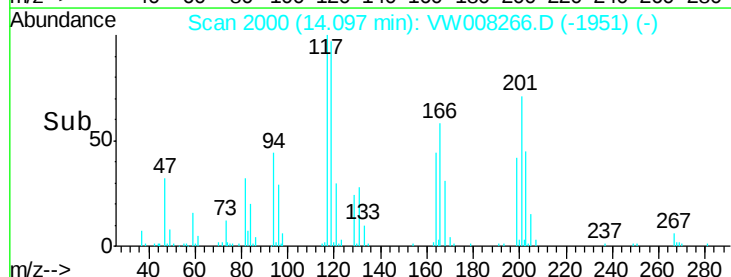
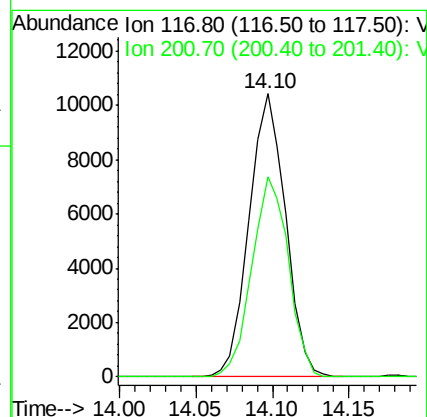
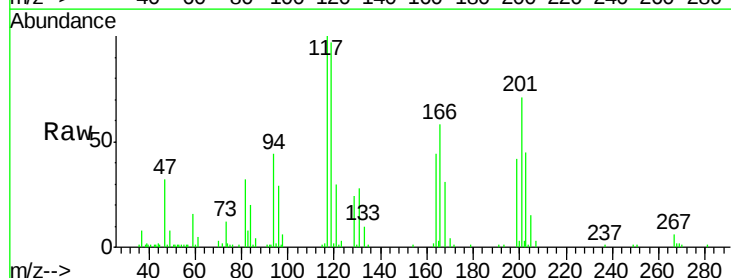
Acq: 15 Jan 2019 01:50

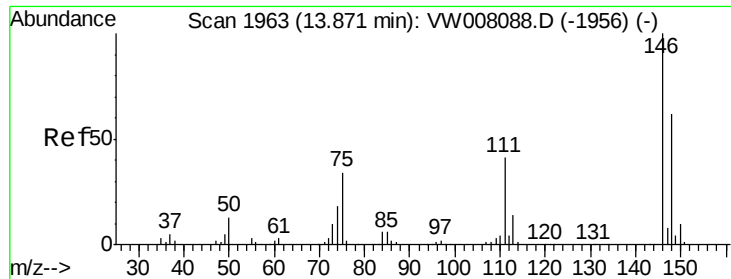
Tgt Ion: 117 Resp: 17304

Ion Ratio Lower Upper

117 100

201 70.7 33.0 98.9

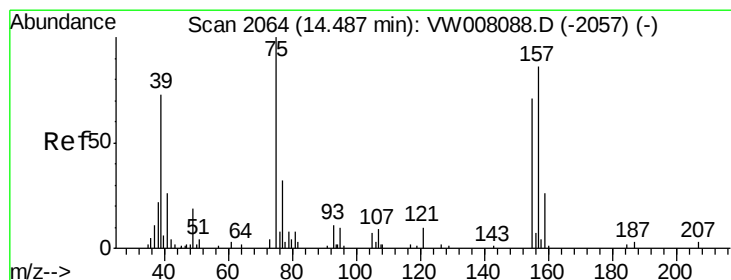
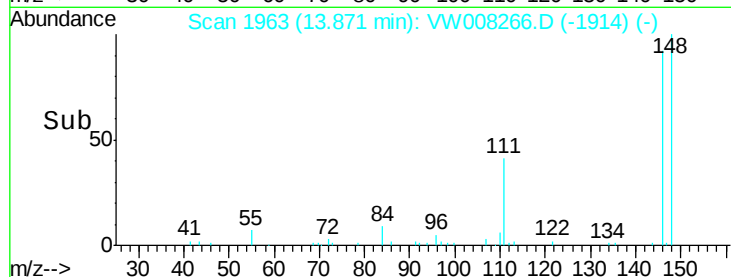
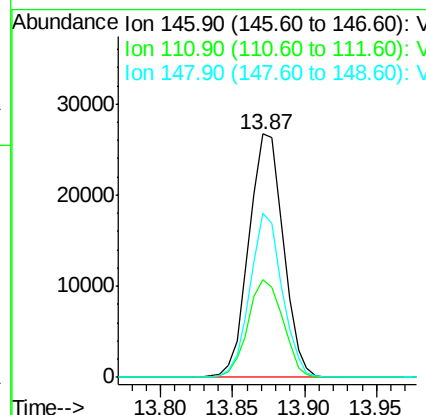
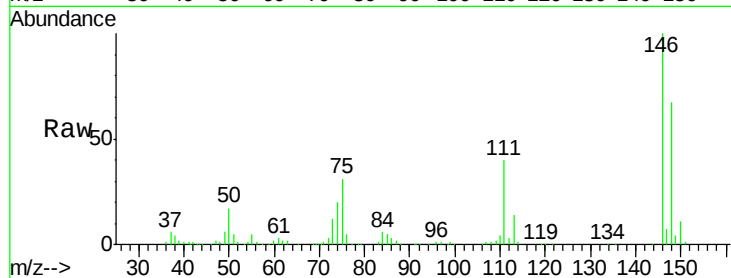




#91
 1,2-Dichlorobenzene
 Concen: 22.303 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

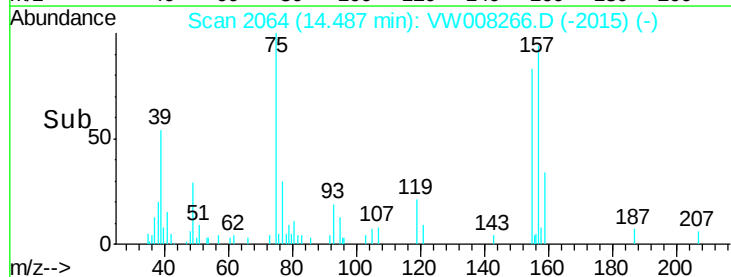
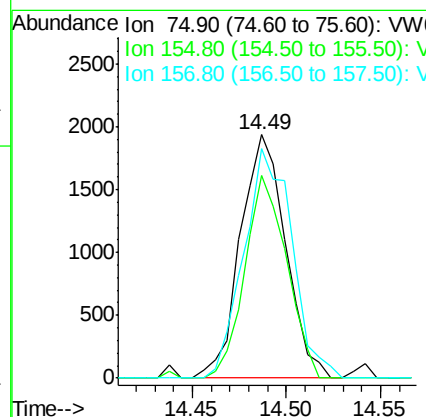
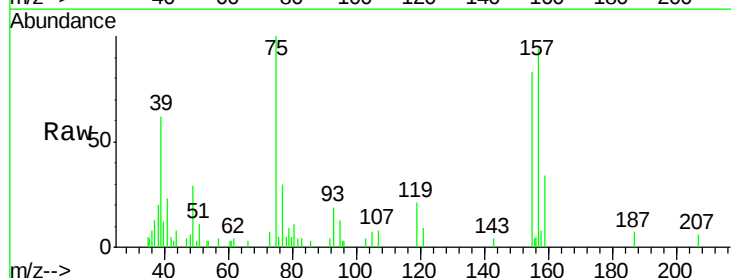
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

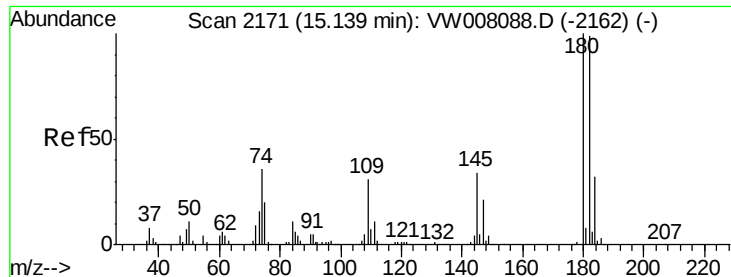
Tgt Ion: 146 Resp: 44131
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.3 63.7
 148 62.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.827 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion: 75 Resp: 3224
 Ion Ratio Lower Upper
 75 100
 155 76.6 38.6 115.7
 157 100.1 47.5 142.6

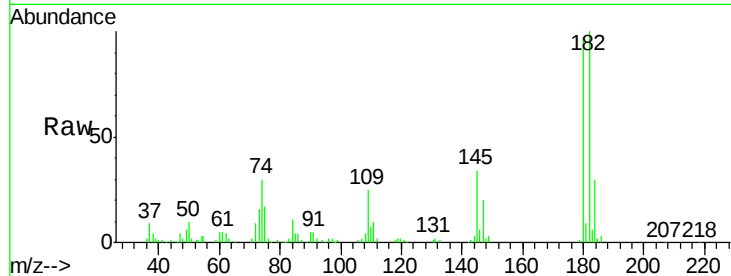




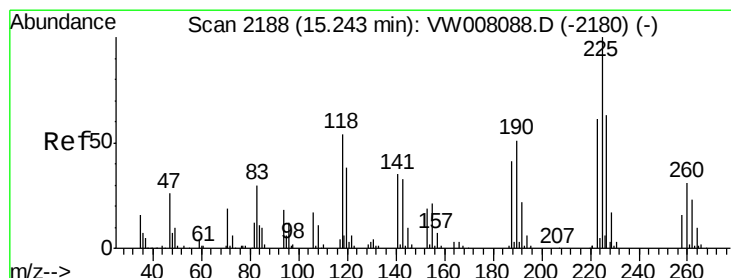
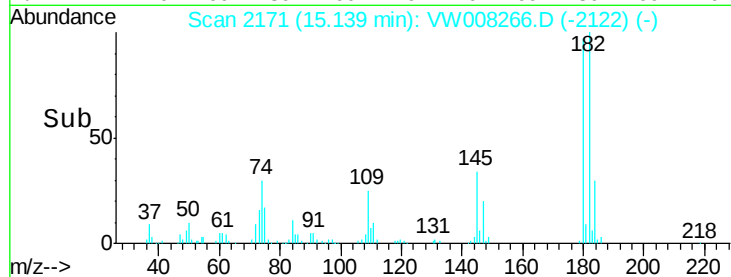
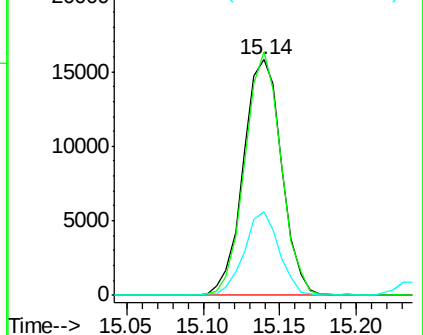
#93
 1,2,4-Trichlorobenzene
 Concen: 20.961 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBSD02

Tgt Ion:180 Resp: 27536
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.6 145.9
 145 32.6 16.6 49.7

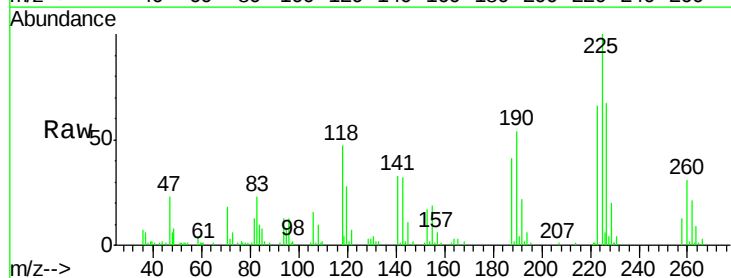


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

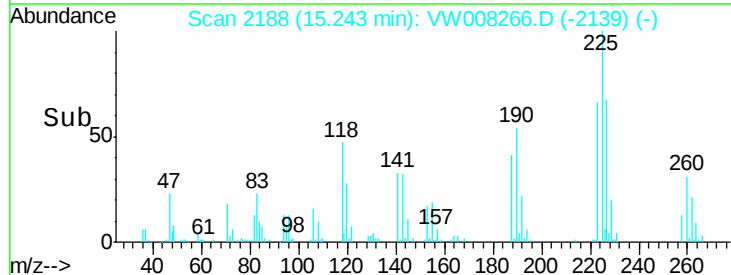
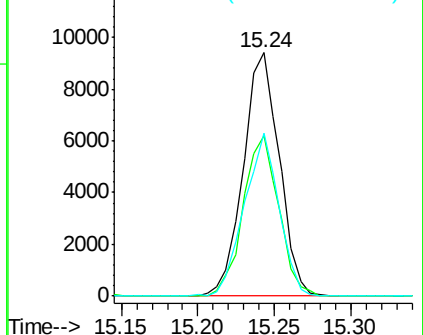


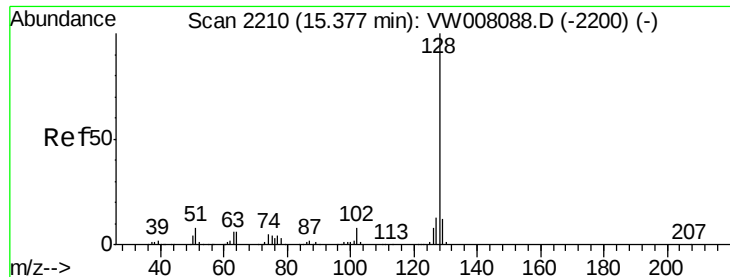
#94
 Hexachlorobutadiene
 Concen: 21.861 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008266.D
 Acq: 15 Jan 2019 01:50

Tgt Ion:225 Resp: 15371
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.4 94.3
 227 64.4 32.0 96.2



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

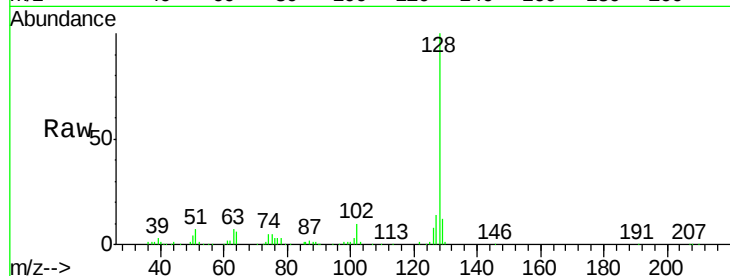




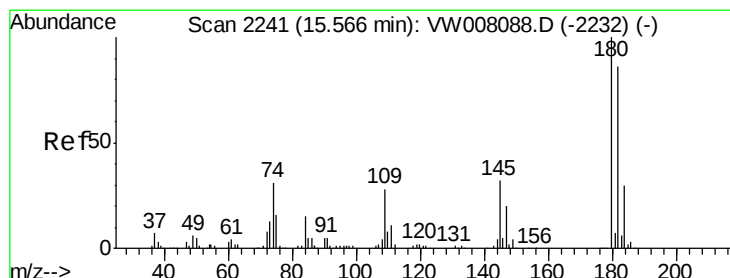
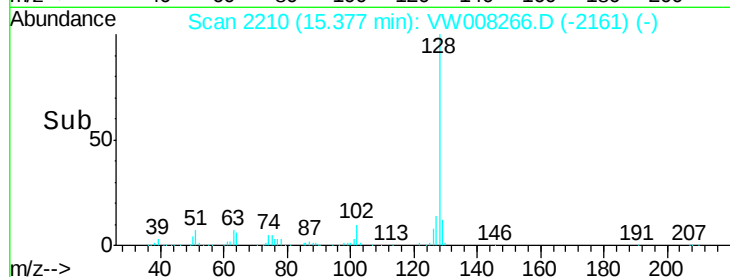
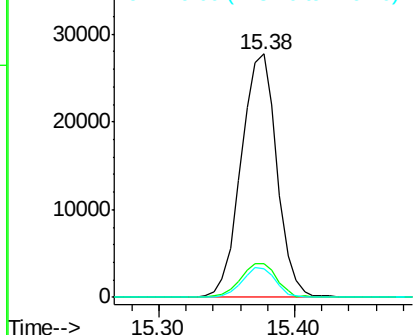
#95
Naphthalene
Concen: 20.784 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBSD02

Tgt Ion:128 Resp: 50981
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.7 9.0 13.6

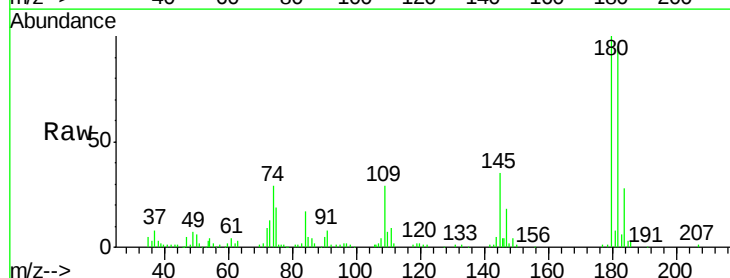


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 22.433 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008266.D
Acq: 15 Jan 2019 01:50

Tgt Ion:180 Resp: 25122
Ion Ratio Lower Upper
180 100
182 94.4 46.5 139.3
145 33.5 17.4 52.2



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

