

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008369.D
 Acq On : 21 Jan 2019 12:33
 Operator : SY/VA
 Sample : VW0121SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

Quant Time: Jan 22 04:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	235919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	75265	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	76136	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	317721	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	108115	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20449	22.821	ug/l	86
3) Chloromethane	2.21	50	22135	16.852	ug/l	93
4) Vinyl Chloride	2.37	62	33902	20.200	ug/l	100
5) Bromomethane	2.78	94	24199	19.026	ug/l	99
6) Chloroethane	2.93	64	22584	20.559	ug/l	97
7) Trichlorofluoromethane	3.26	101	28202	22.886	ug/l	100
8) Diethyl Ether	3.68	74	14909	17.447	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30194	21.046	ug/l	95
10) Methyl Iodide	4.27	142	41918	18.116	ug/l	98
11) Tert butyl alcohol	5.19	59	7352	73.814	ug/l	97
12) 1,1-Dichloroethene	4.04	96	28954	19.843	ug/l	92
13) Acrolein	3.89	56	5413	58.619	ug/l #	81
14) Allyl chloride	4.67	41	48818	20.012	ug/l	97
15) Acrylonitrile	5.37	53	28986	88.305	ug/l	98
16) Acetone	4.12	43	30376	88.419	ug/l	96
17) Carbon Disulfide	4.38	76	81905	18.447	ug/l	97
18) Methyl Acetate	4.67	43	16585	18.073	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	40489	18.127	ug/l	95
20) Methylene Chloride	4.91	84	43875	25.808	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	31877	19.451	ug/l	85
22) Diisopropyl ether	6.31	45	93747	19.684	ug/l	96
23) Vinyl Acetate	6.26	43	231717	91.021	ug/l	98
24) 1,1-Dichloroethane	6.21	63	56727	19.563	ug/l	97
25) 2-Butanone	7.17	43	37223	84.595	ug/l	96
26) 2,2-Dichloropropane	7.16	77	38066	20.570	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	34098	19.204	ug/l	98
28) Bromochloromethane	7.51	49	19660	16.456	ug/l #	100
29) Tetrahydrofuran	7.54	42	21736	79.238	ug/l	95
30) Chloroform	7.68	83	56165	19.576	ug/l	95
31) Cyclohexane	7.95	56	54344	19.669	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	49081	20.383	ug/l	97
36) 1,1-Dichloropropene	8.08	75	45349	19.106	ug/l	98
37) Ethyl Acetate	7.26	43	16053	16.401	ug/l	96
38) Carbon Tetrachloride	8.07	117	44986	19.194	ug/l	97

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Quant Time: Jan 22 04:00:25 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	55259	19.572	ug/l	98
40) Benzene	8.32	78	127042	18.895	ug/l	99
41) Methacrylonitrile	7.49	41	8560	15.023	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	34622	18.415	ug/l	99
43) Isopropyl Acetate	8.43	43	30880	16.702	ug/l	96
44) Trichloroethene	9.09	130	34189	18.560	ug/l	99
45) 1,2-Dichloropropane	9.37	63	31761	19.017	ug/l	94
46) Dibromomethane	9.46	93	15347	17.631	ug/l	96
47) Bromodichloromethane	9.65	83	39432	18.365	ug/l	100
48) Methyl methacrylate	9.44	41	14035	16.125	ug/l	91
49) 1,4-Dioxane	9.45	88	4833	344.908	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	74178	79.234	ug/l	99
52) Toluene	10.39	92	81532	19.162	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	37937	17.703	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	45199	17.892	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	22326	18.492	ug/l	93
56) Ethyl methacrylate	10.65	69	24118	17.010	ug/l	96
57) 1,3-Dichloropropane	10.93	76	37710	17.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	60995	89.184	ug/l	98
59) 2-Hexanone	10.97	43	54895	83.687	ug/l	99
60) Dibromochloromethane	11.13	129	25979	18.030	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19594	16.760	ug/l	93
64) Tetrachloroethene	10.87	164	28527	19.169	ug/l	96
65) Chlorobenzene	11.66	112	89605	19.356	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	30781	19.319	ug/l	99
67) Ethyl Benzene	11.73	91	155712	19.372	ug/l	100
68) m/p-Xylenes	11.84	106	123980	39.738	ug/l	100
69) o-Xylene	12.17	106	57677	19.787	ug/l	98
70) Styrene	12.18	104	91242	19.488	ug/l	100
71) Bromoform	12.35	173	14089	17.750	ug/l #	97
73) Isopropylbenzene	12.47	105	157948	19.915	ug/l	99
74) N-amyl acetate	12.28	43	28705	16.889	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	24589	18.227	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18078m	18.238	ug/l	
77) Bromobenzene	12.75	156	36436	19.126	ug/l	98
78) n-propylbenzene	12.81	91	192950	20.100	ug/l	100
79) 2-Chlorotoluene	12.90	91	108292	19.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	130193	19.672	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	7205	17.346	ug/l	93
82) 4-Chlorotoluene	12.99	91	111225	19.406	ug/l	99
83) tert-Butylbenzene	13.21	119	118526	20.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	135502	20.098	ug/l	99
85) sec-Butylbenzene	13.39	105	171978	20.563	ug/l	99
86) p-Isopropyltoluene	13.51	119	151784	20.779	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	74123	19.583	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	72306	19.067	ug/l	97
89) n-Butylbenzene	13.83	91	143676	20.505	ug/l	98
90) Hexachloroethane	14.10	117	26265	19.429	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	63895	19.119	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3846	17.435	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

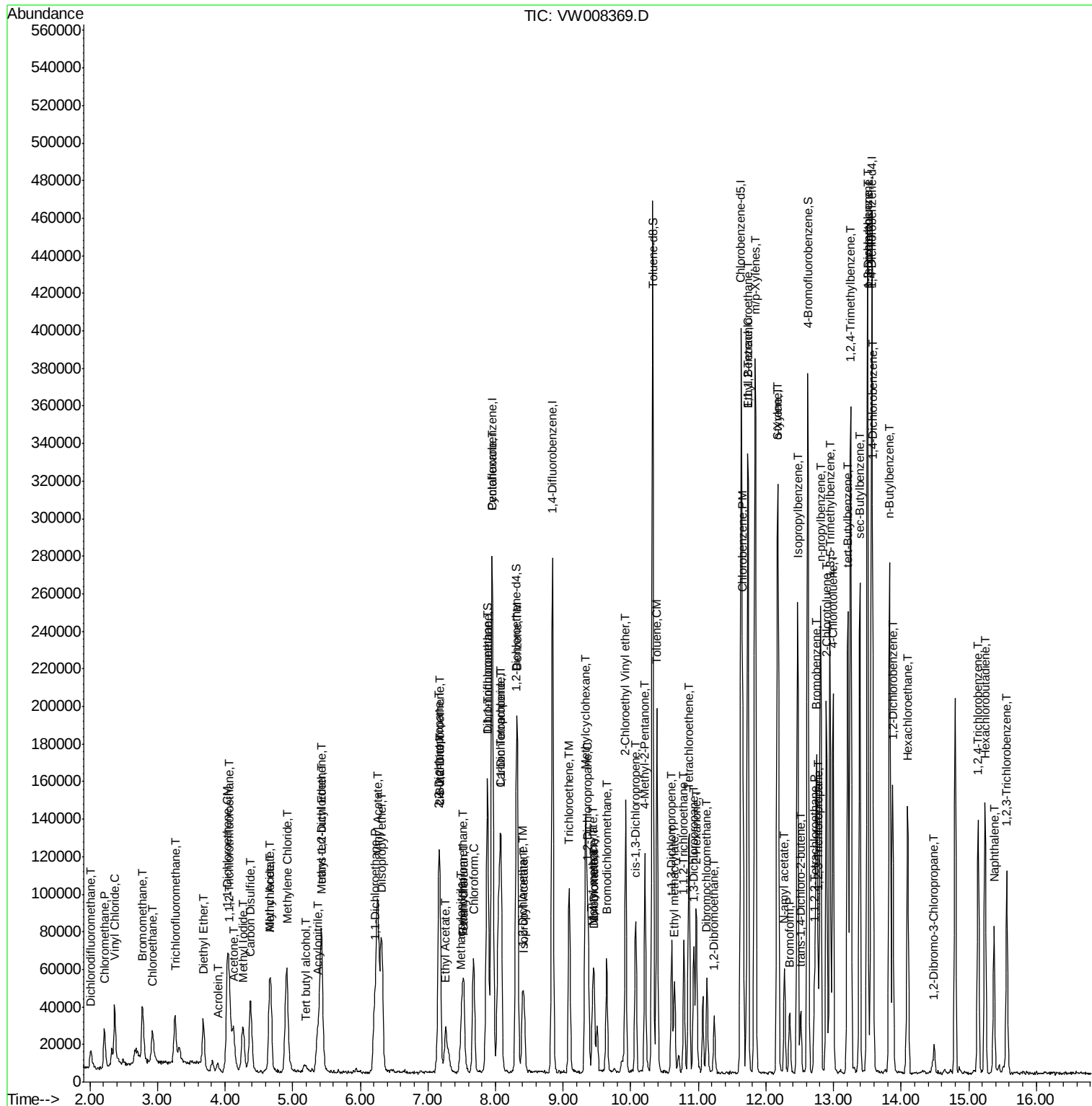
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	42107	18.613	ug/l	98
94) Hexachlorobutadiene	15.24	225	25258	19.811	ug/l	99
95) Naphthalene	15.38	128	66217	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	36845	18.699	ug/l	99

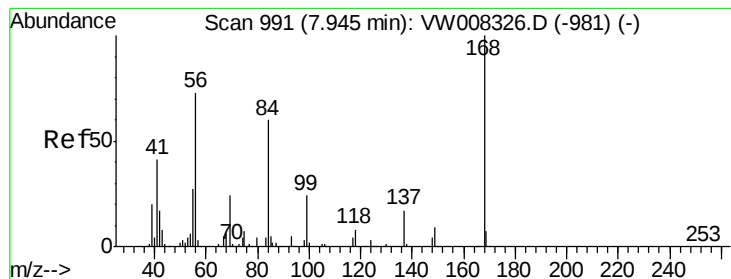
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008369.D
 Acq On : 21 Jan 2019 12:33
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 Sample : VW0121SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
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Instrument :
 MSVOA_W
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Quant Time: Jan 22 04:00:25 2019
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 QLast Update : Fri Jan 18 00:57:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

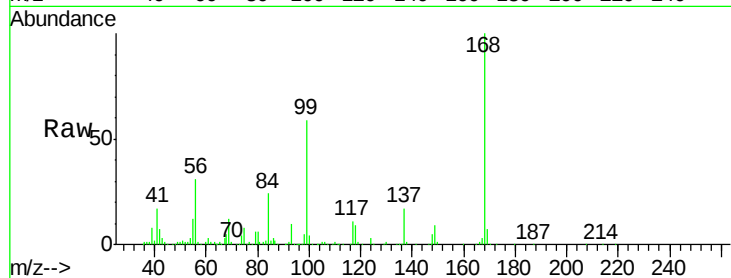
VW0121SBSD01

Tot Ion:168 Resp: 142208

Ion Ratio Lower Upper

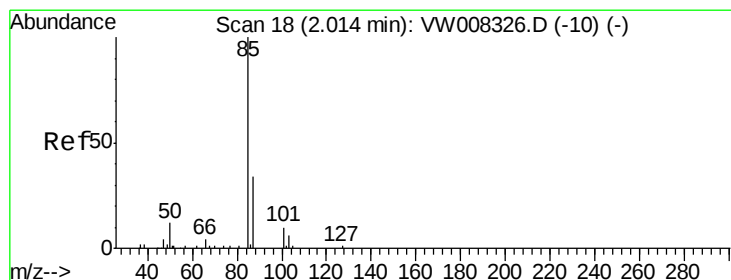
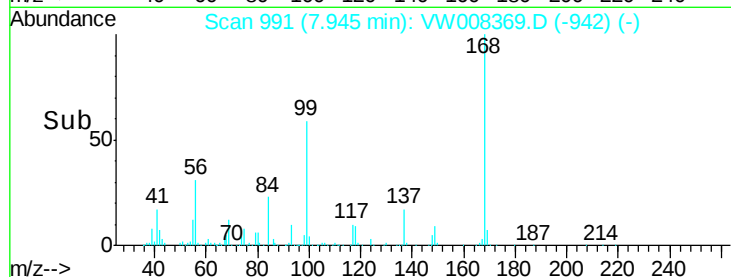
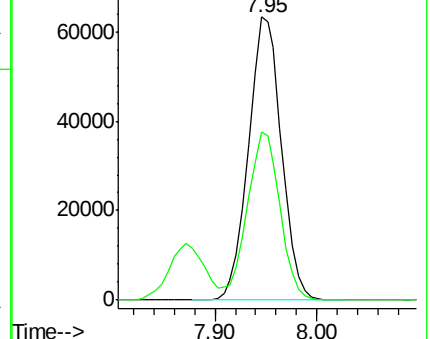
168 100

99 59.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.821 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008369.D

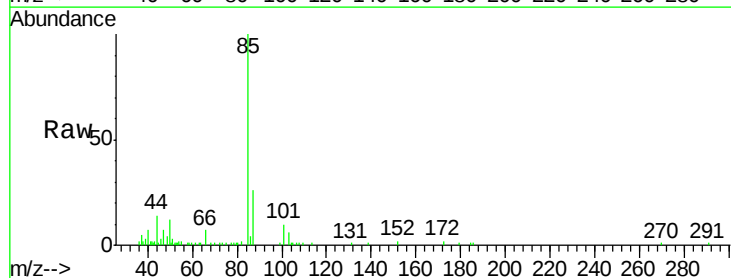
Acq: 21 Jan 2019 12:33

Tgt Ion: 85 Resp: 20449

Ion Ratio Lower Upper

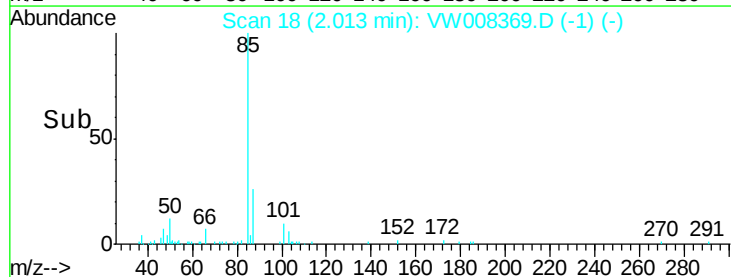
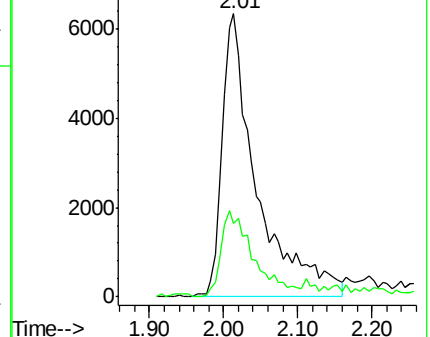
85 100

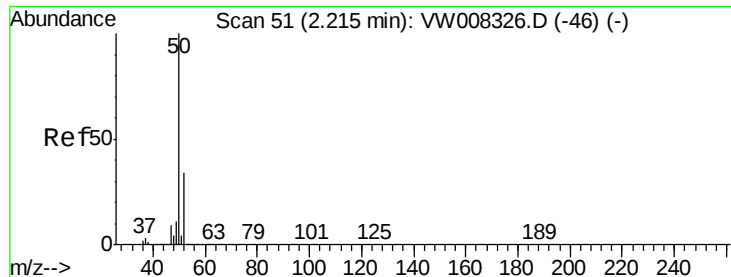
87 25.8 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 16.852 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

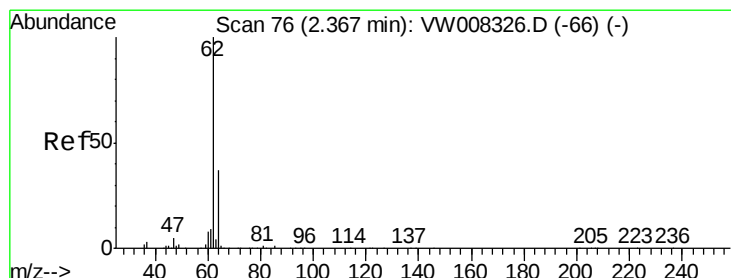
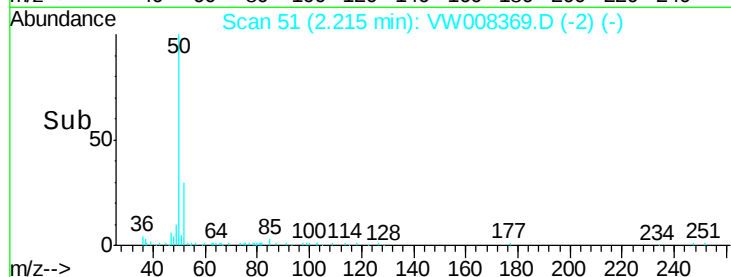
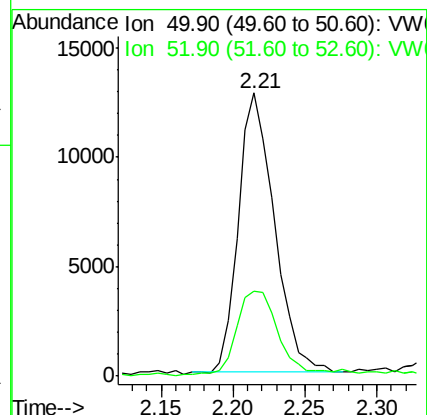
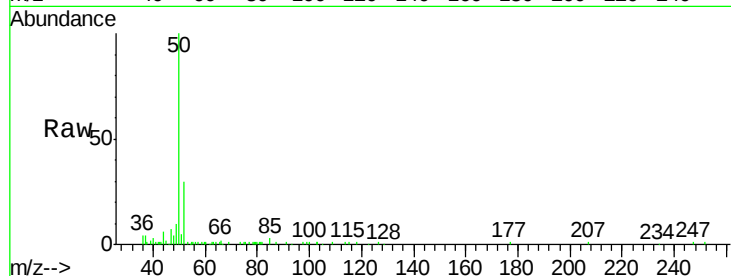
VW0121SBSD01

Tot Ion: 50 Resp: 22135

Ion Ratio Lower Upper

50 100

52 29.7 26.7 40.1



#4

Vinyl Chloride

Concen: 20.200 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008369.D

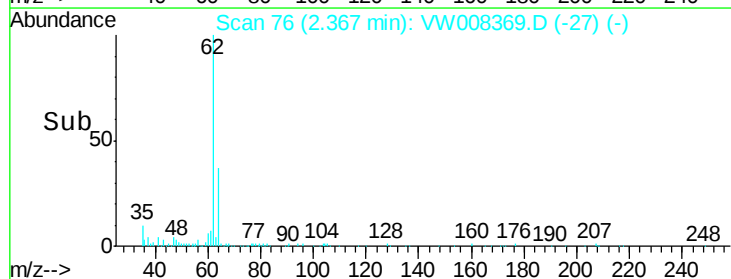
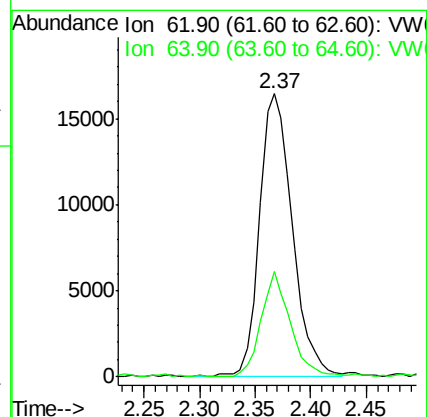
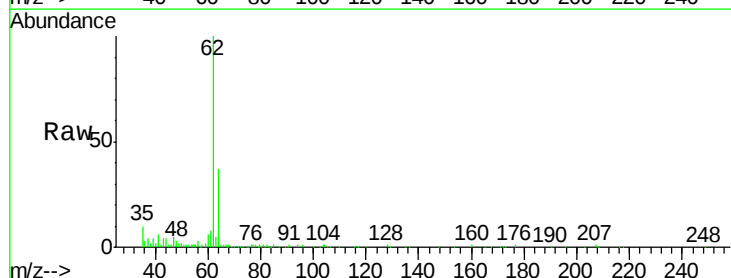
Acq: 21 Jan 2019 12:33

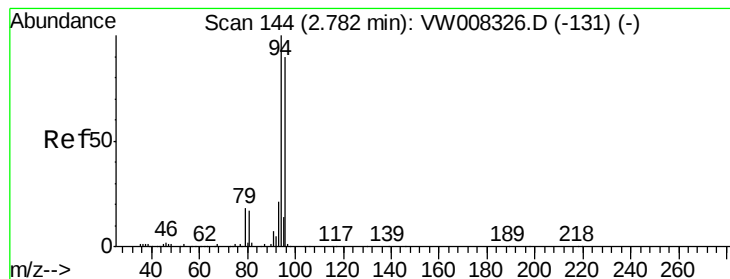
Tgt Ion: 62 Resp: 33902

Ion Ratio Lower Upper

62 100

64 36.8 29.4 44.2





#5

Bromomethane

Concen: 19.026 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

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ClientSampleId :

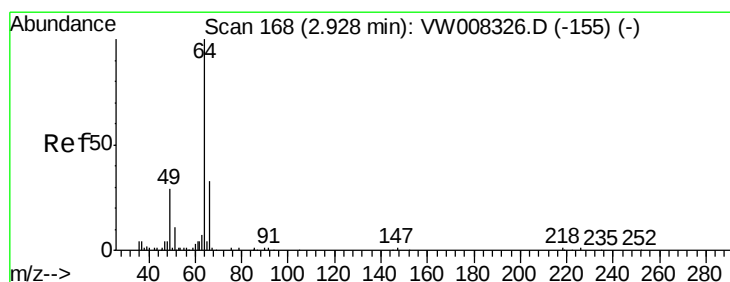
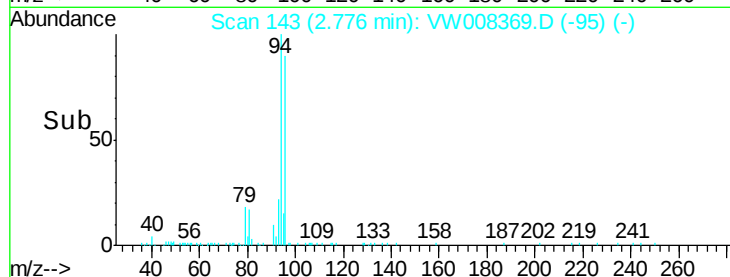
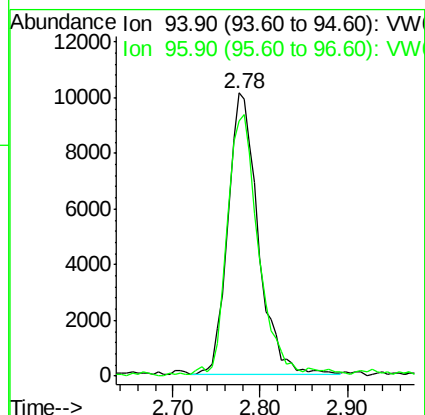
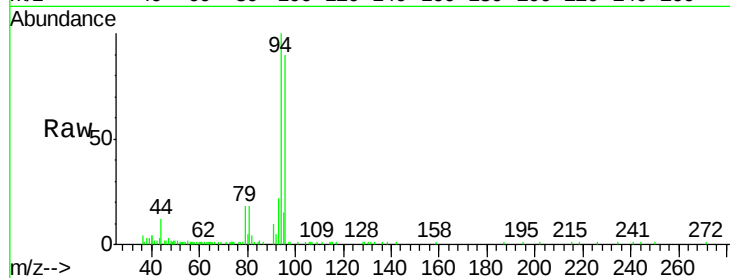
VW0121SBSD01

Tot Ion: 94 Resp: 24199

Ion Ratio Lower Upper

94 100

96 90.1 71.4 107.0



#6

Chloroethane

Concen: 20.559 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008369.D

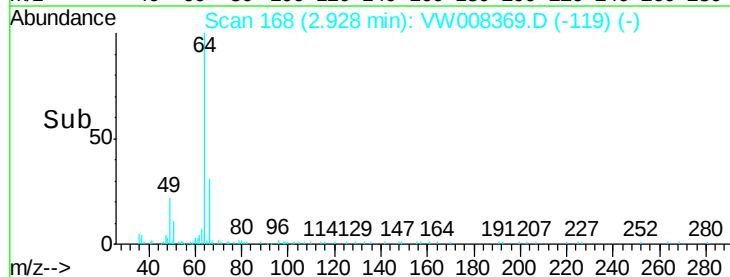
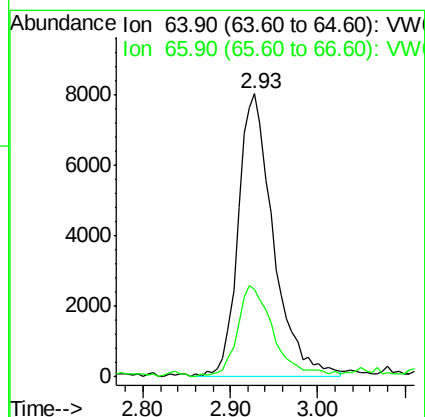
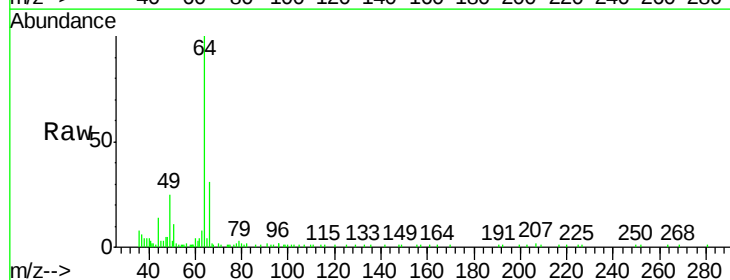
Acq: 21 Jan 2019 12:33

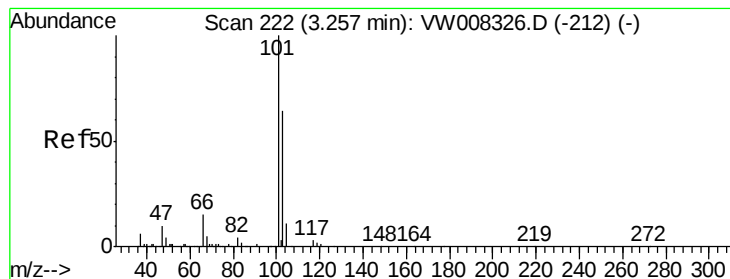
Tgt Ion: 64 Resp: 22584

Ion Ratio Lower Upper

64 100

66 30.9 26.2 39.4



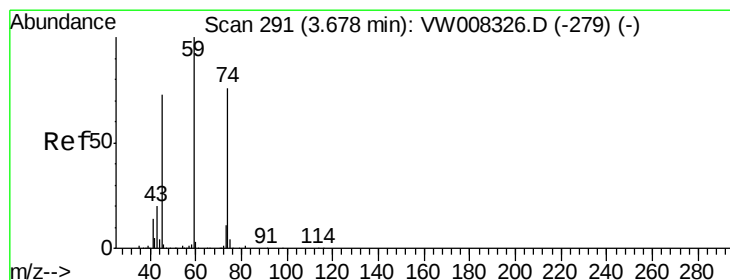
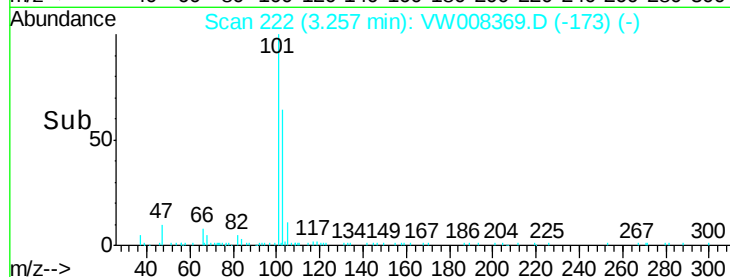
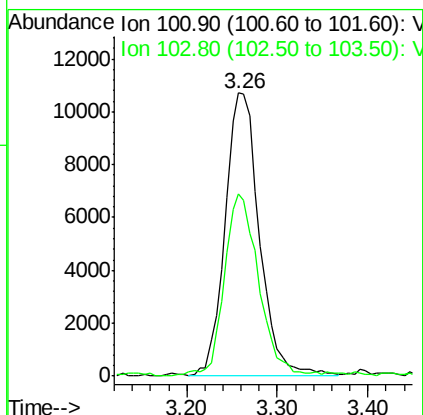
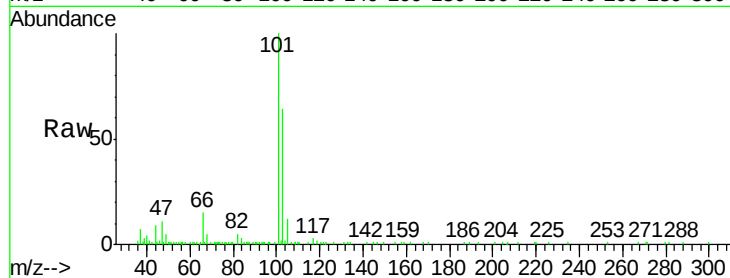


#7

Trichlorofluoromethane
 Concen: 22.886 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

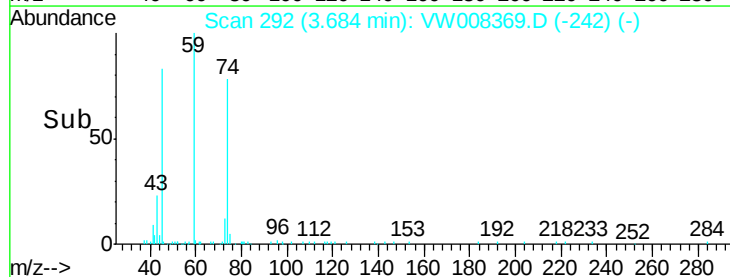
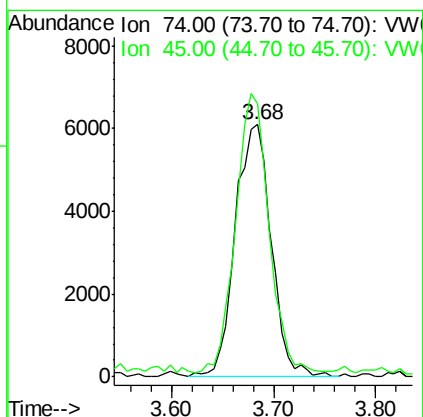
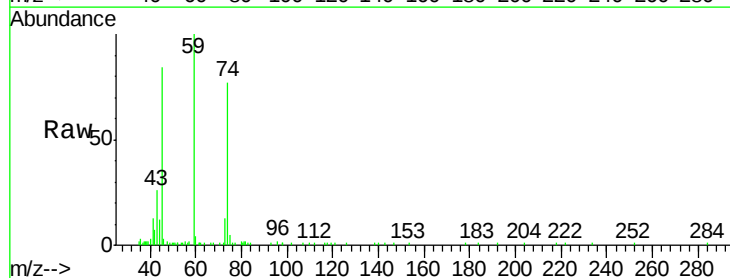
Tot Ion:101 Resp: 28202
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.9 76.3

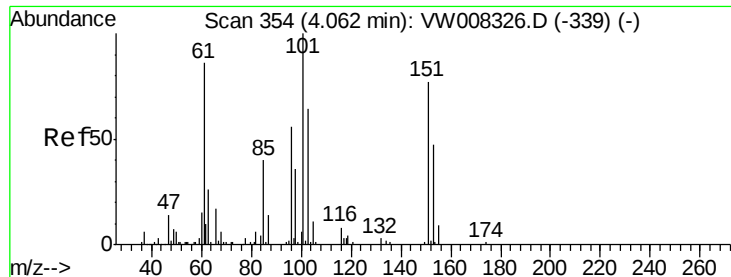


#8

Diethyl Ether
 Concen: 17.447 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion: 74 Resp: 14909
 Ion Ratio Lower Upper
 74 100
 45 102.7 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.046 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

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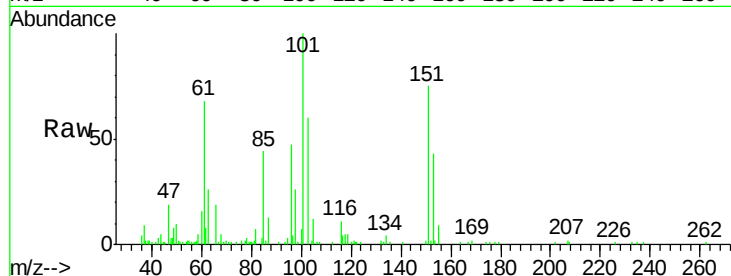
Tot Ion:101 Resp: 30194

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

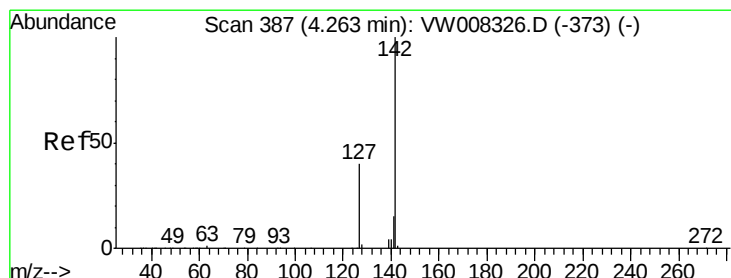
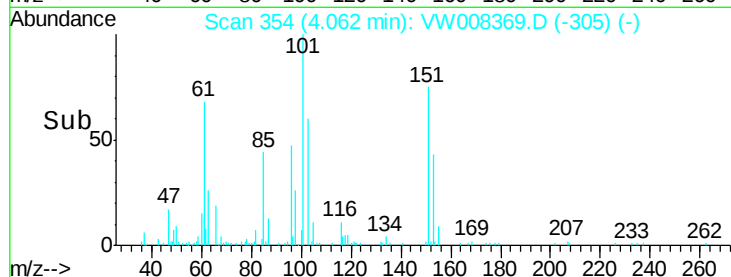
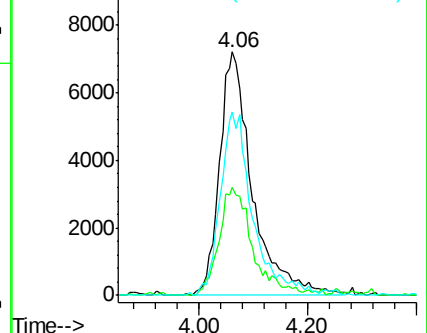
151 71.4 62.3 93.5



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: 18.116 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

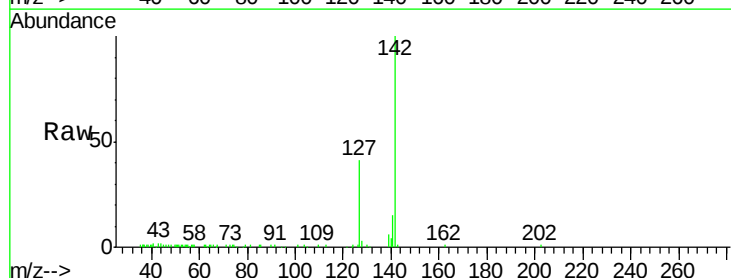
Tgt Ion:142 Resp: 41918

Ion Ratio Lower Upper

142 100

127 44.6 34.3 51.5

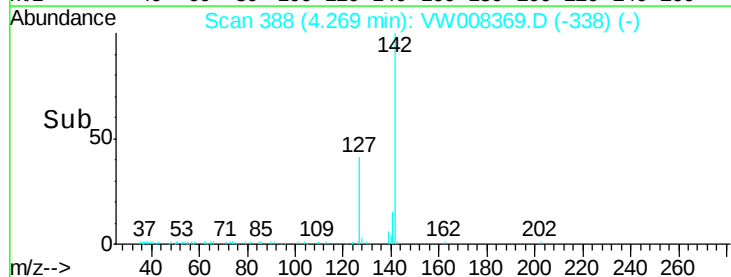
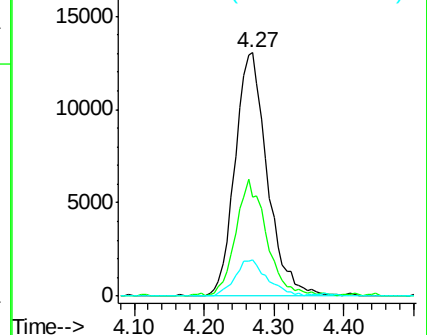
141 14.8 12.2 18.2

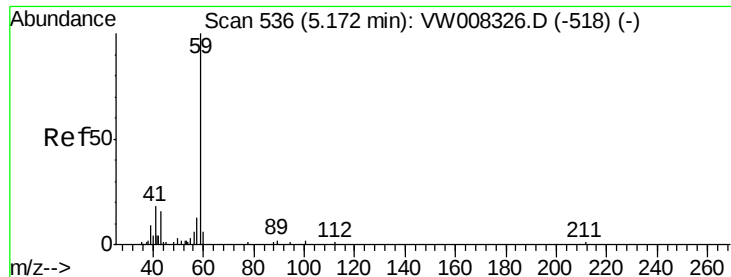


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



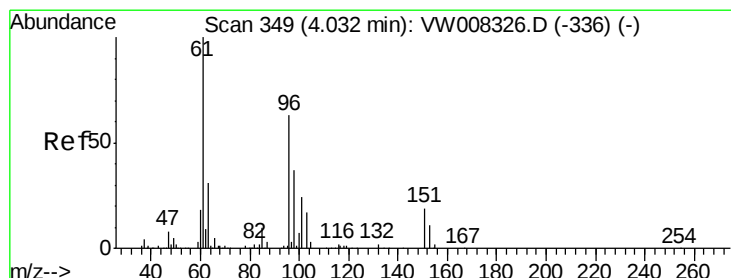
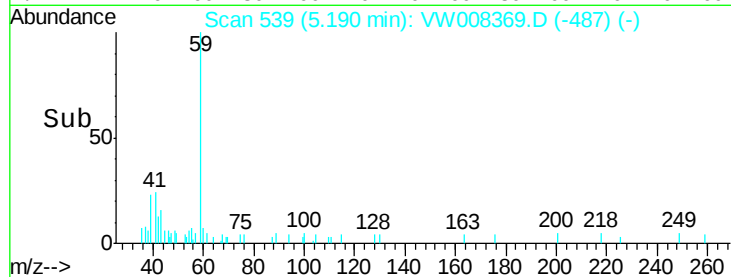
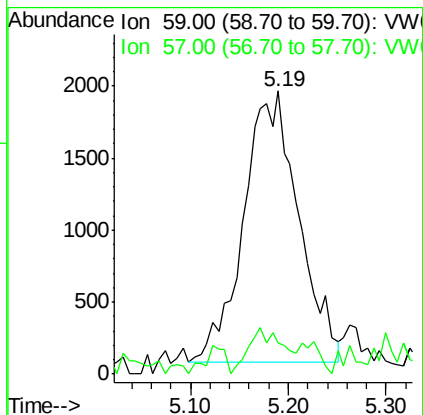
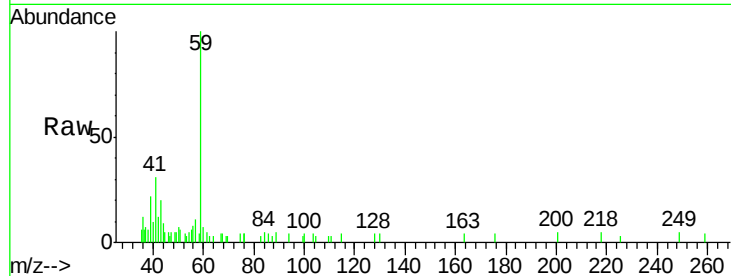


#11

Tert butyl alcohol
Concen: 73.814 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

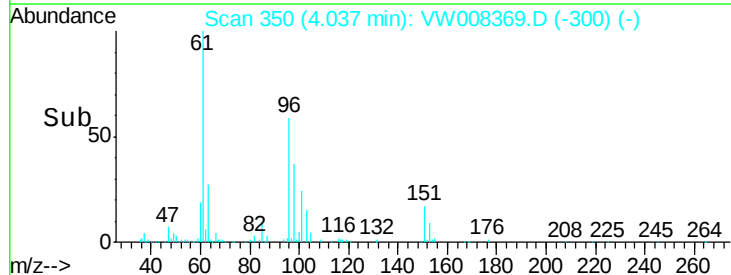
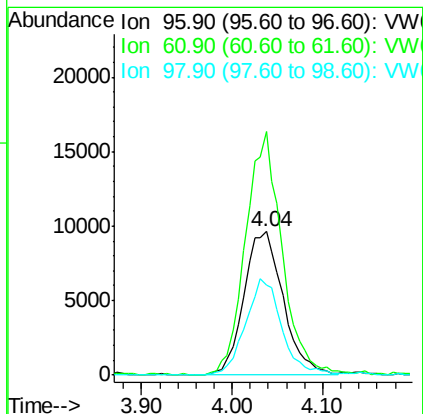
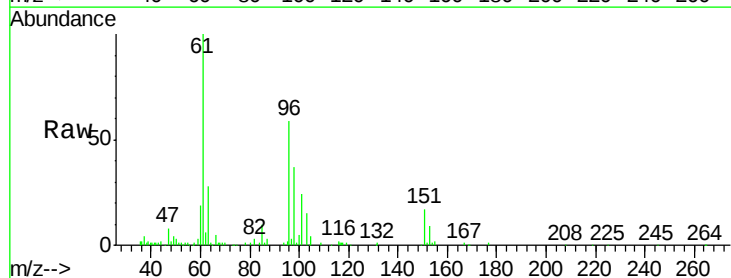
Tot Ion: 59 Resp: 7352
Ion Ratio Lower Upper
59 100
57 10.8 9.4 14.2

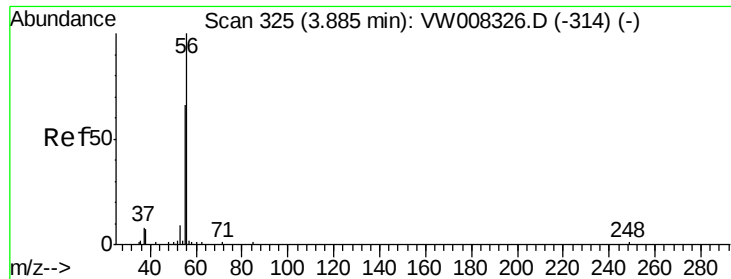


#12

1,1-Dichloroethene
Concen: 19.843 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 96 Resp: 28954
Ion Ratio Lower Upper
96 100
61 169.0 126.4 189.6
98 63.0 46.7 70.1





#13

Acrolein

Concen: 58.619 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

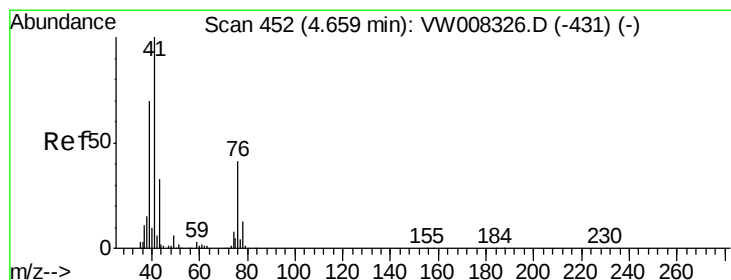
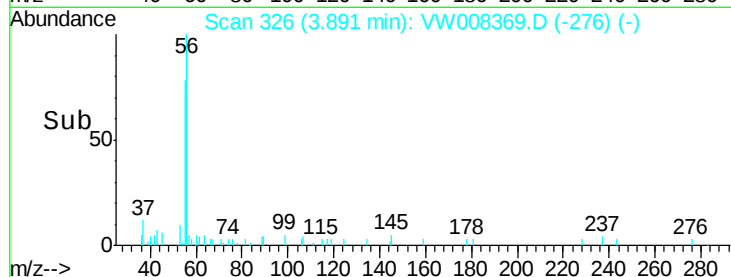
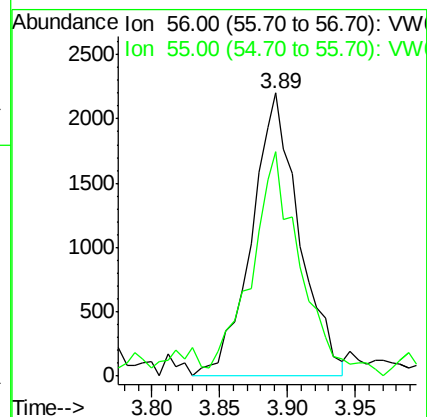
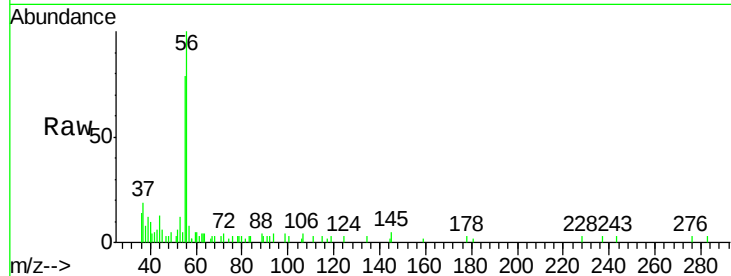
VW0121SBSD01

Tot Ion: 56 Resp: 5413

Ion Ratio Lower Upper

56 100

55 81.5 52.9 79.3#



#14

Allyl chloride

Concen: 20.012 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

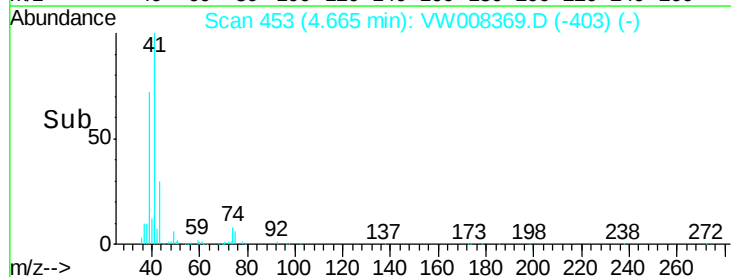
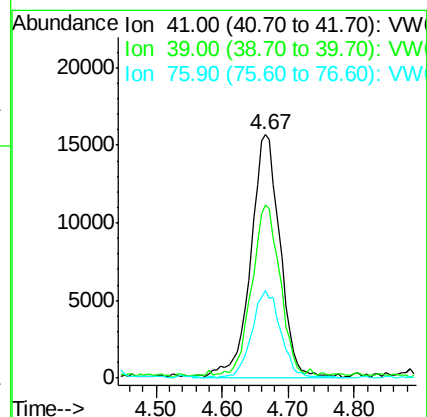
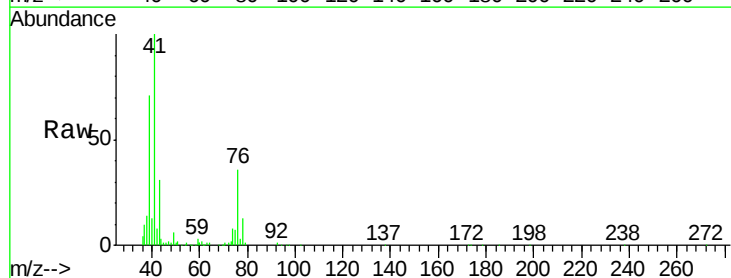
Tgt Ion: 41 Resp: 48818

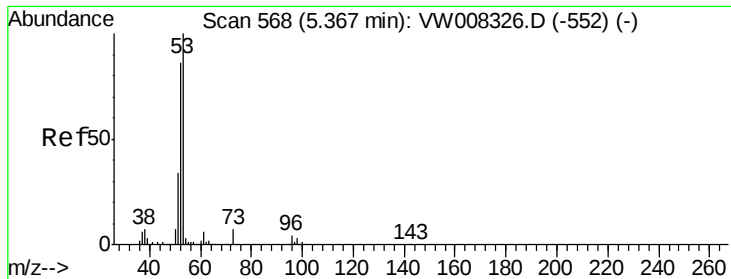
Ion Ratio Lower Upper

41 100

39 65.1 54.1 81.1

76 35.1 29.5 44.3





#15

Acrylonitrile

Concen: 88.305 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

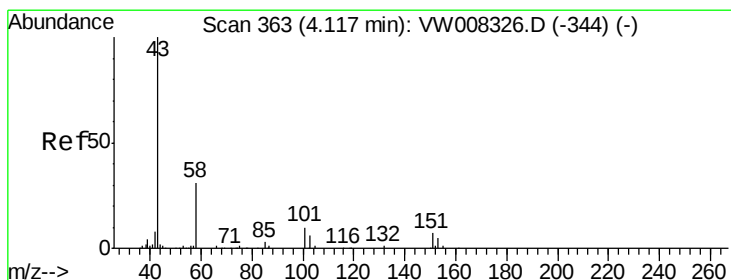
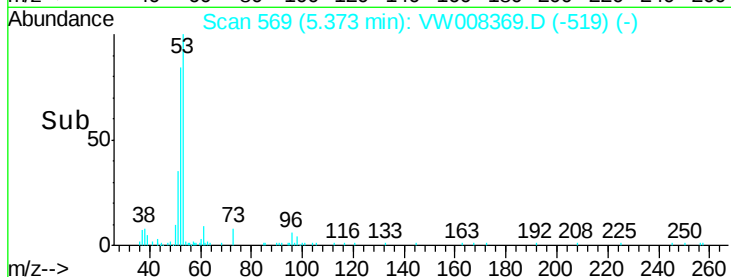
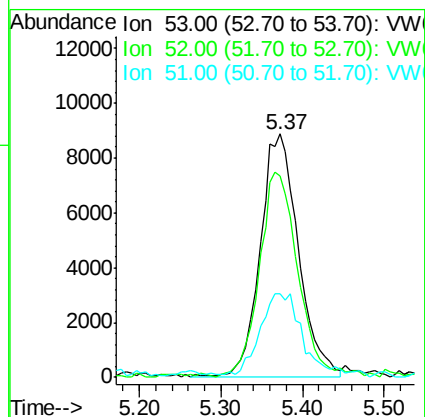
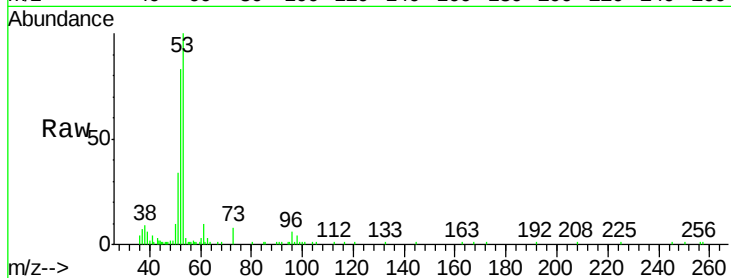
Tot Ion: 53 Resp: 28986

Ion Ratio Lower Upper

53 100

52 85.0 66.4 99.6

51 38.2 29.6 44.4



#16

Acetone

Concen: 88.419 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008369.D

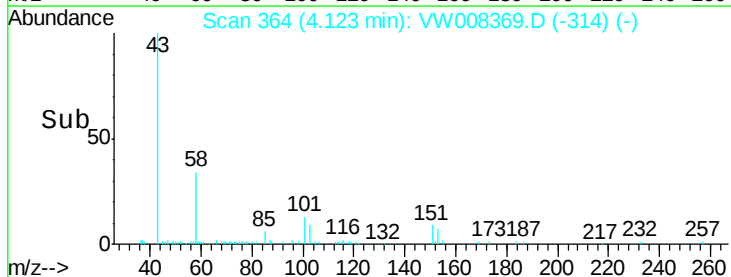
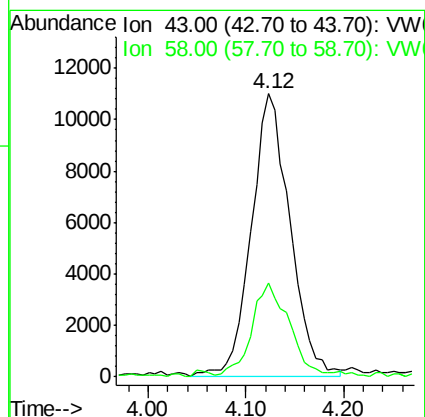
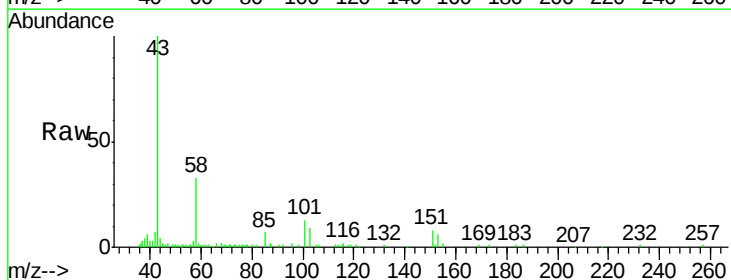
Acq: 21 Jan 2019 12:33

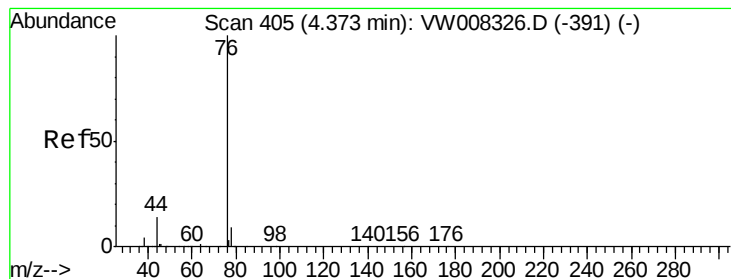
Tgt Ion: 43 Resp: 30376

Ion Ratio Lower Upper

43 100

58 33.3 24.7 37.1





#17

Carbon Disulfide

Concen: 18.447 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

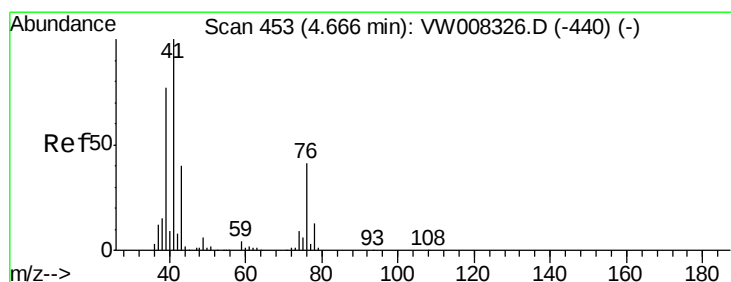
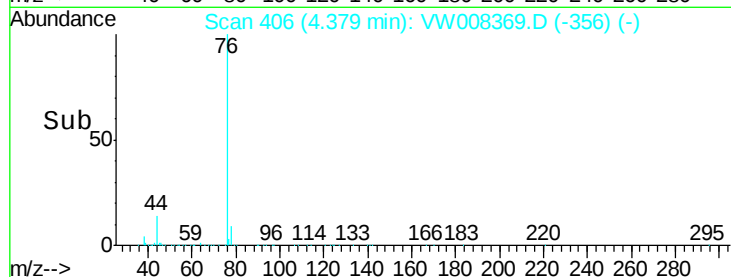
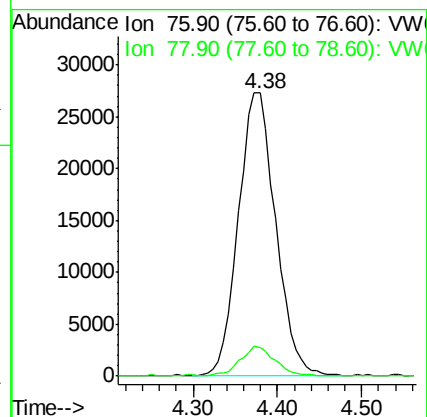
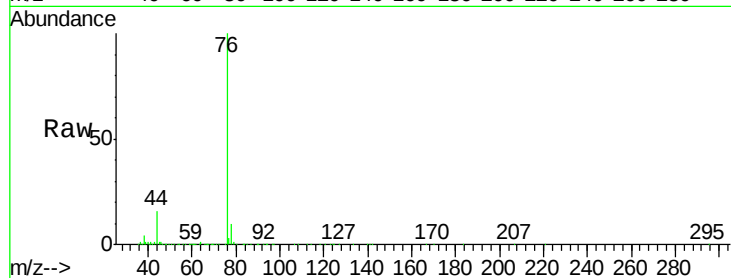
VW0121SBSD01

Tot Ion: 76 Resp: 81905

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4



#18

Methyl Acetate

Concen: 18.073 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008369.D

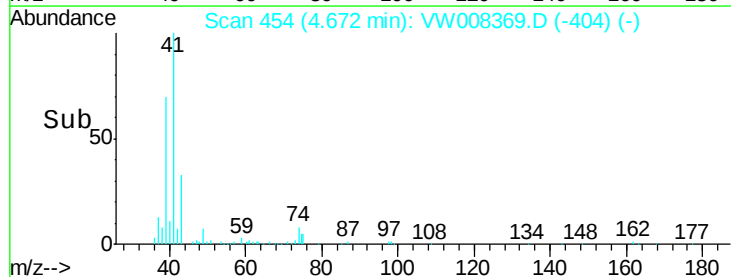
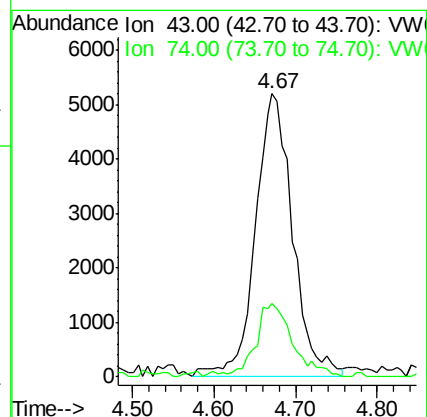
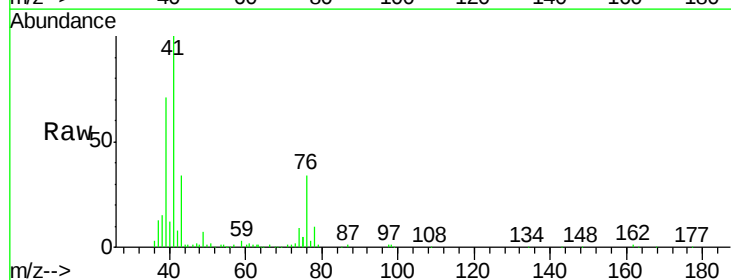
Acq: 21 Jan 2019 12:33

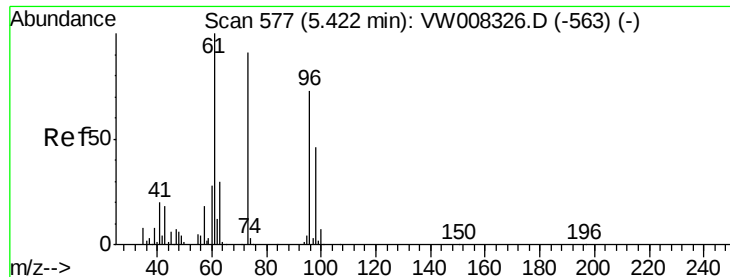
Tgt Ion: 43 Resp: 16585

Ion Ratio Lower Upper

43 100

74 25.7 19.4 29.0

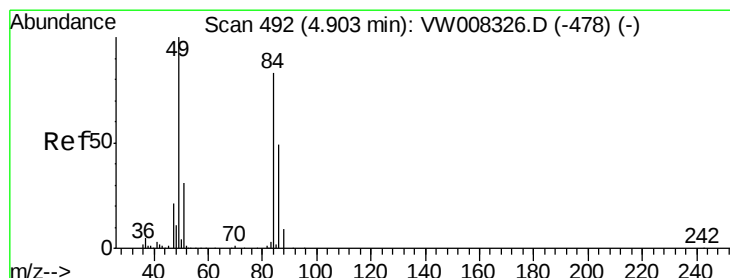
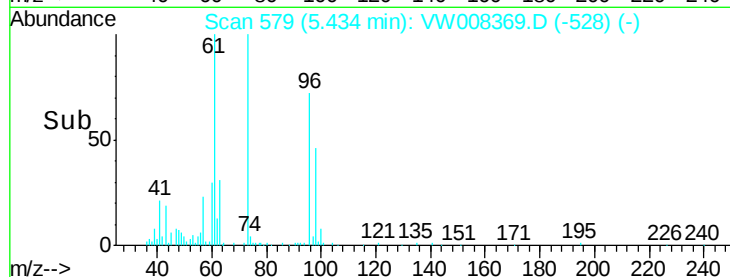
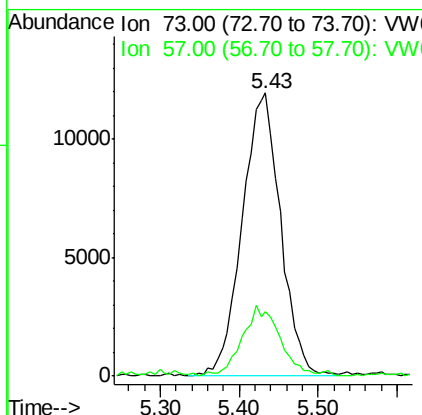
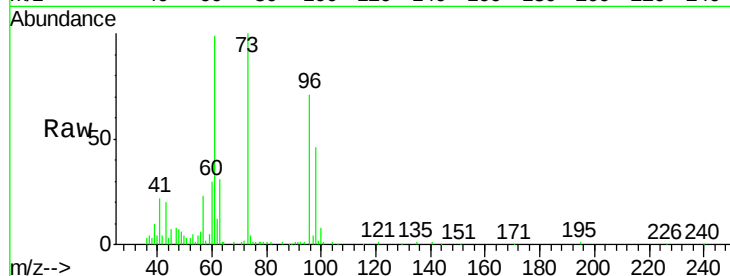




#19
Methvl tert-butvl Ether
Concen: 18.127 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

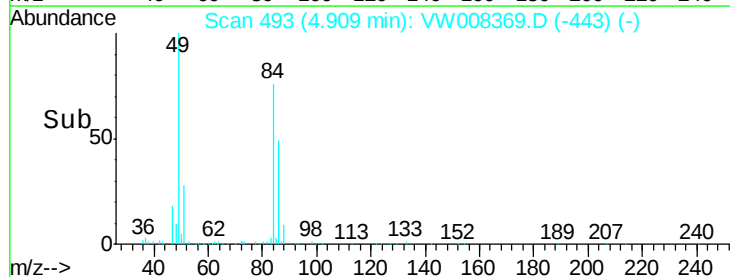
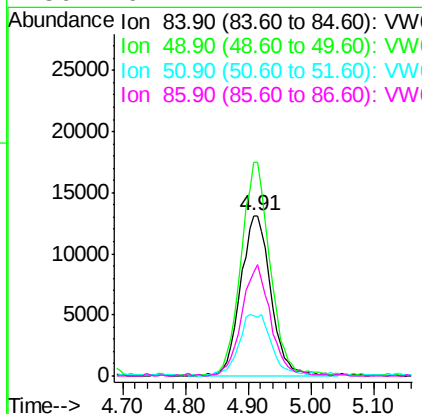
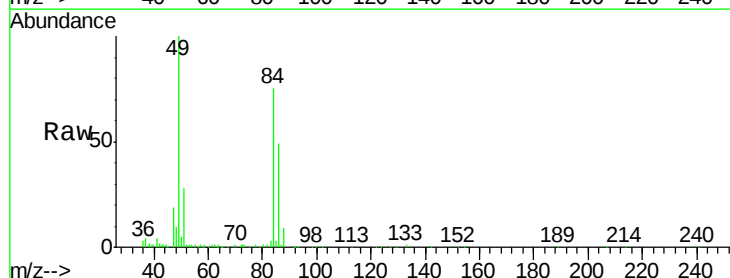
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

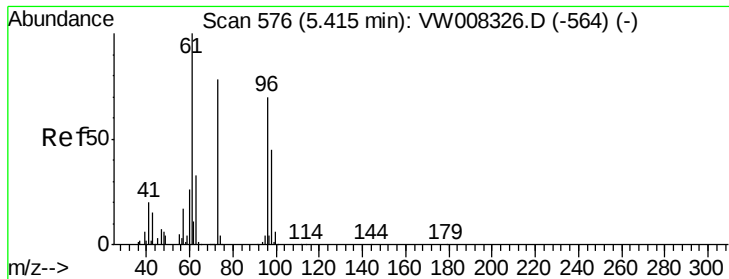
Tot Ion: 73 Resp: 40489
Ion Ratio Lower Upper
73 100
57 22.7 16.3 24.5



#20
Methylene Chloride
Concen: 25.808 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 84 Resp: 43875
Ion Ratio Lower Upper
84 100
49 132.3 95.9 143.9
51 36.9 29.3 43.9
86 64.1 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 19.451 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

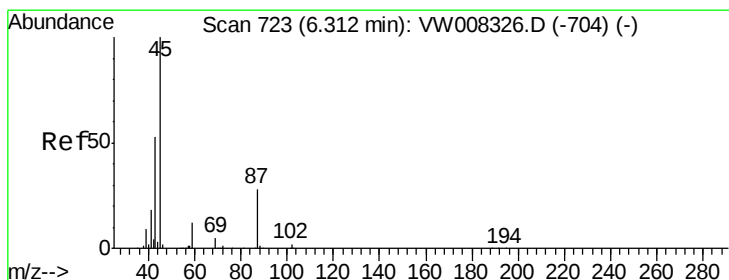
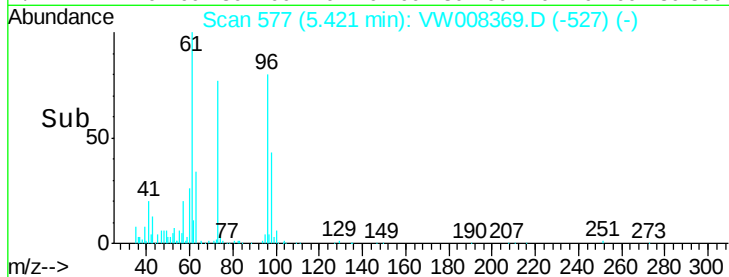
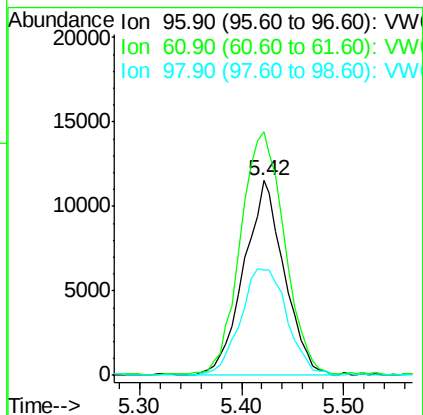
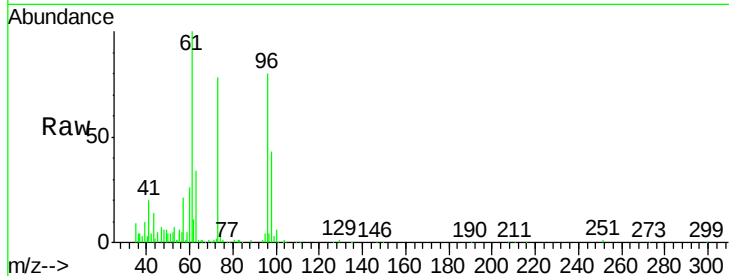
Tot Ion: 96 Resp: 31877

Ion Ratio Lower Upper

96 100

61 124.5 114.5 171.7

98 53.9 52.0 78.0



#22

Diisopropyl ether

Concen: 19.684 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Tgt Ion: 45 Resp: 93747

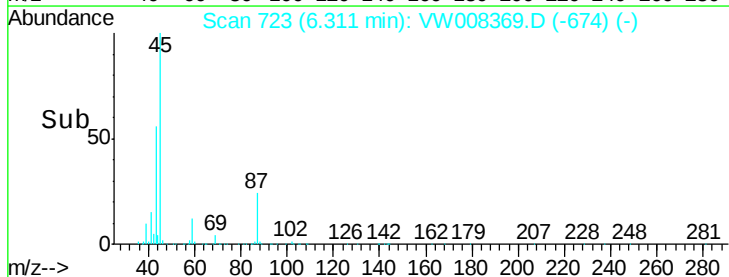
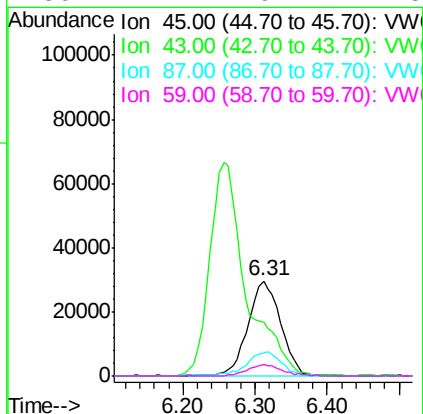
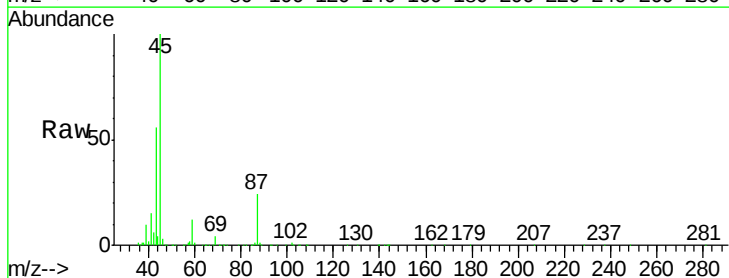
Ion Ratio Lower Upper

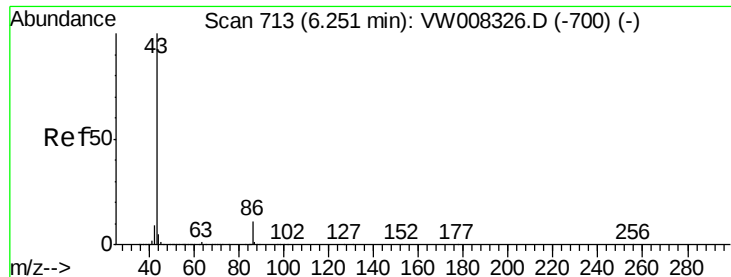
45 100

43 55.1 42.5 63.7

87 24.4 22.2 33.2

59 11.4 9.7 14.5





#23

Vinyl Acetate

Concen: 91.021 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

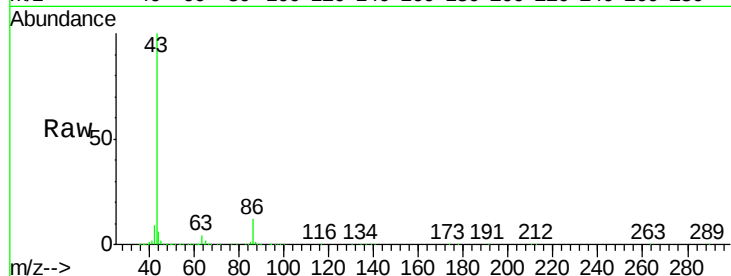
VW0121SBS01

Tot Ion: 43 Resp: 231717

Ion Ratio Lower Upper

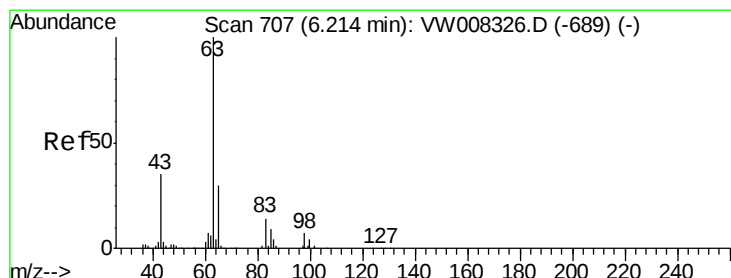
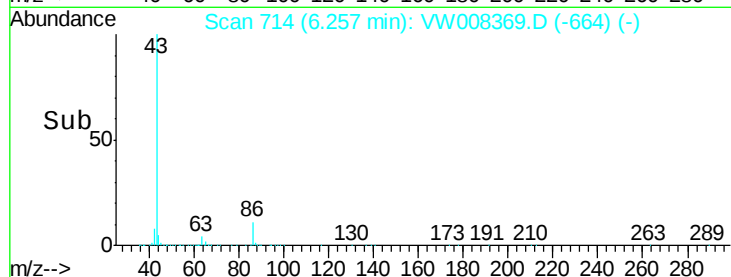
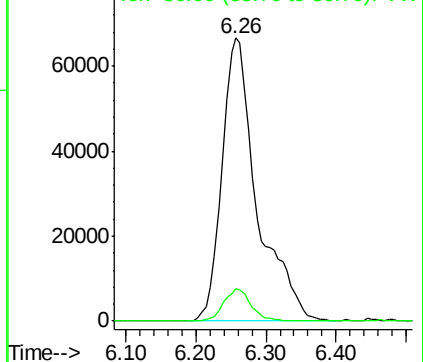
43 100

86 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.563 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

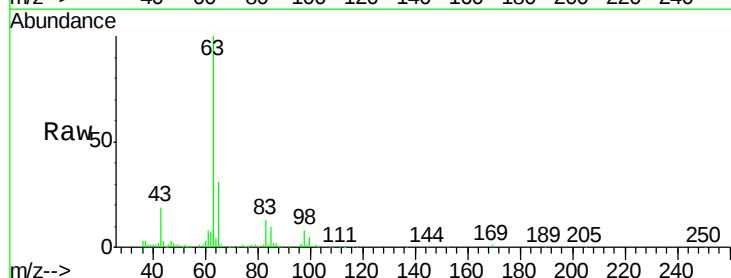
Tgt Ion: 63 Resp: 56727

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

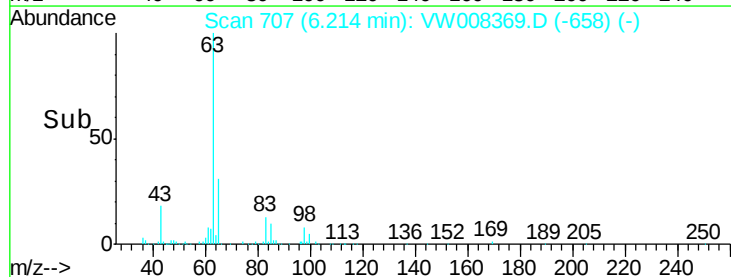
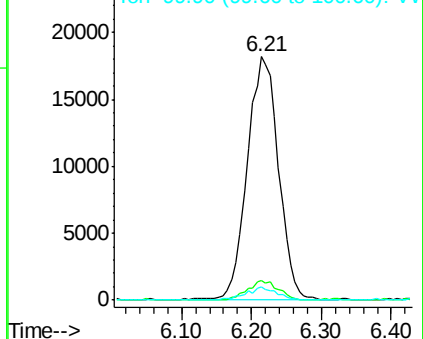
100 5.2 2.1 6.3

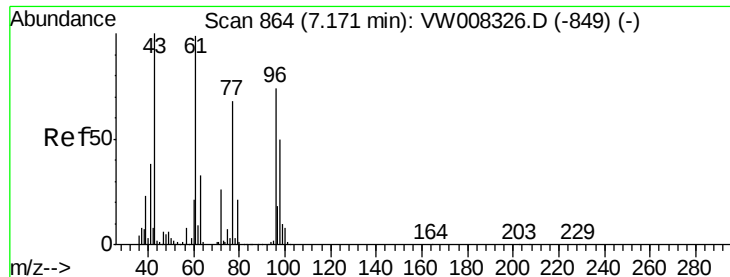


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 84.595 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

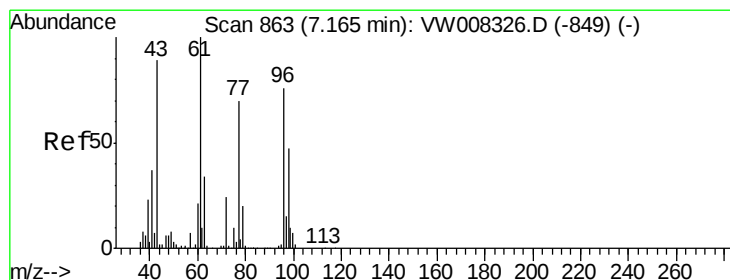
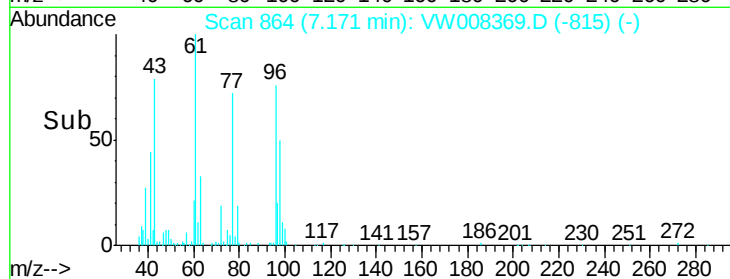
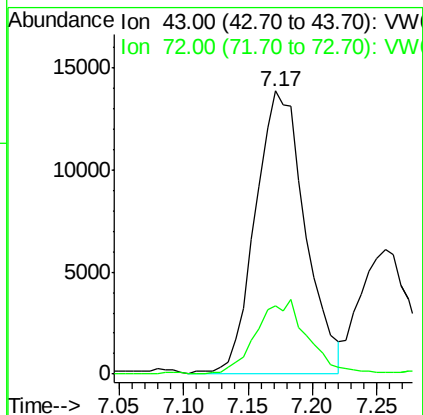
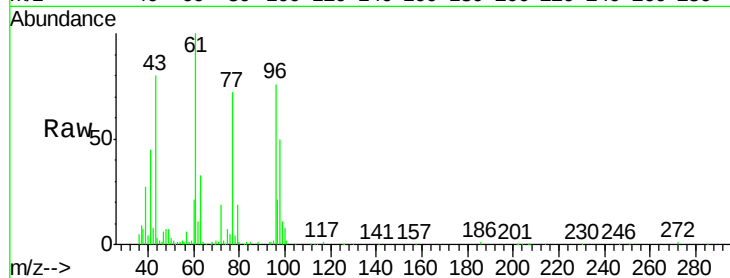
VW0121SBSD01

Tot Ion: 43 Resp: 37223

Ion Ratio Lower Upper

43 100

72 24.4 21.2 31.8



#26

2,2-Dichloropropane

Concen: 20.570 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008369.D

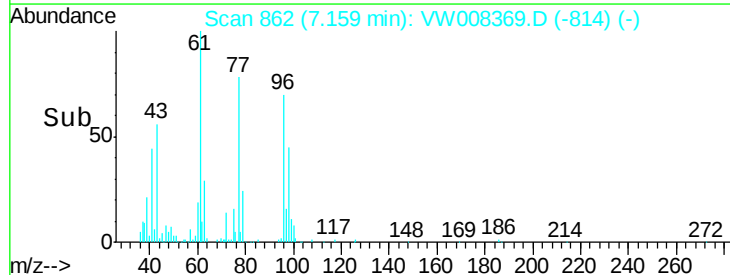
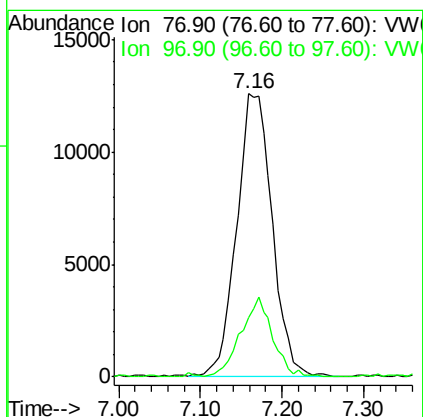
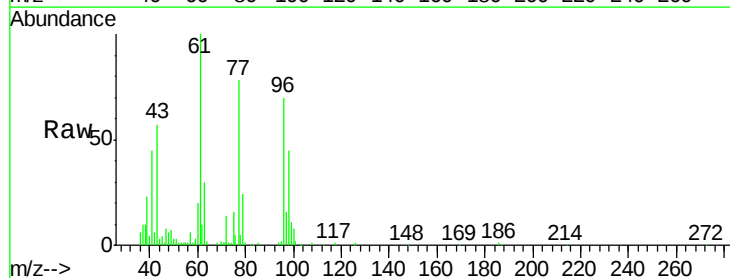
Acq: 21 Jan 2019 12:33

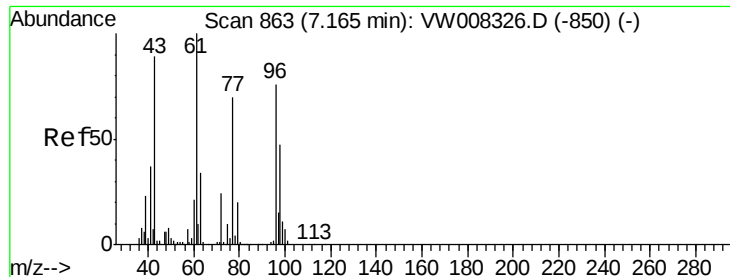
Tgt Ion: 77 Resp: 38066

Ion Ratio Lower Upper

77 100

97 25.3 11.7 35.1



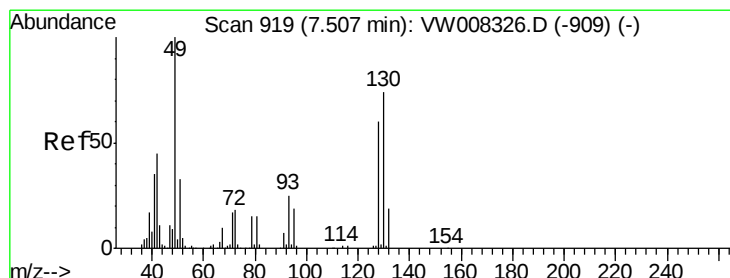
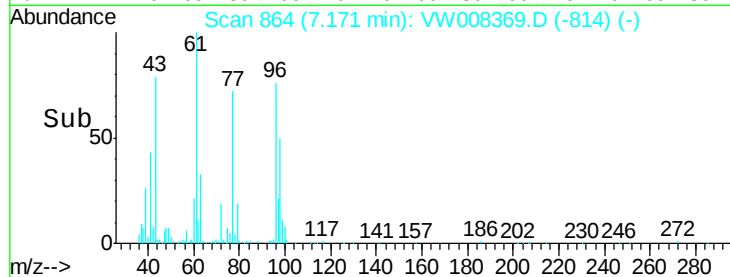
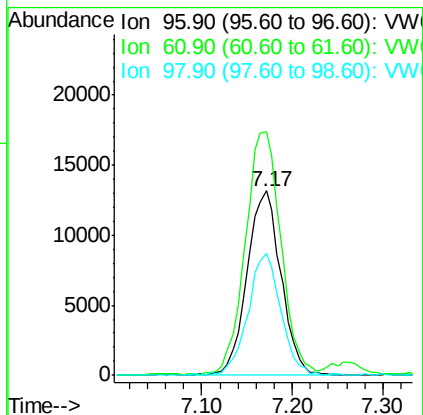
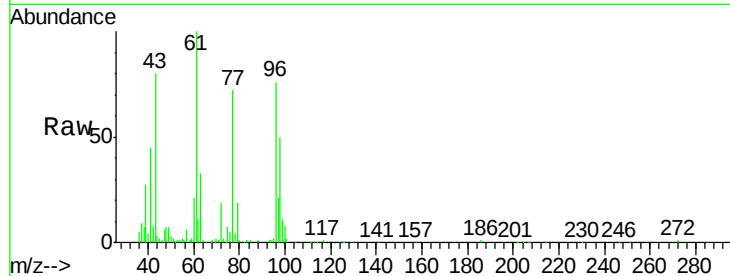


#27

cis-1,2-Dichloroethene
Concen: 19.204 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

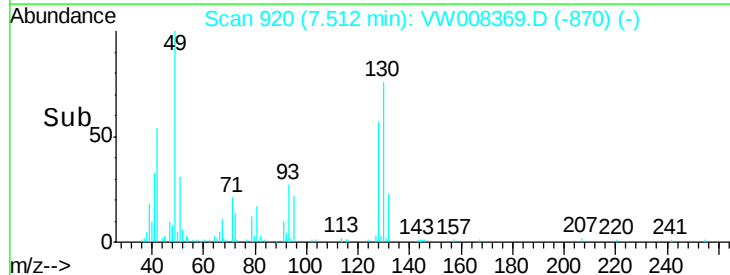
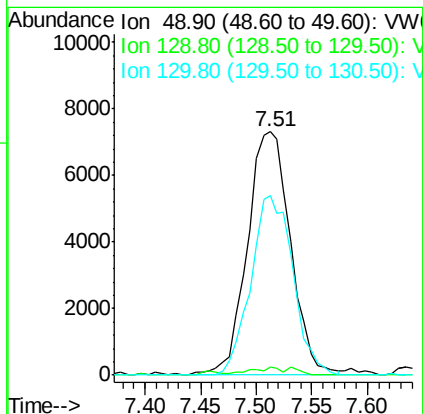
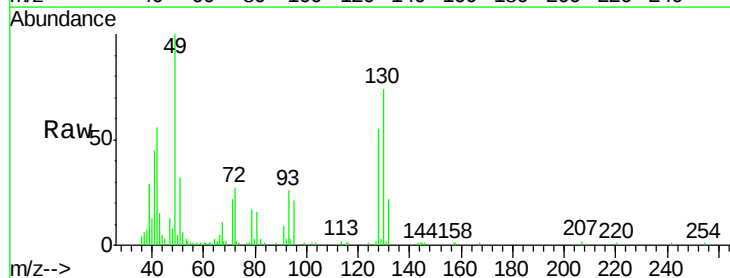
Tot Ion: 96 Resp: 34098
Ion Ratio Lower Upper
96 100
61 139.3 0.0 272.2
98 64.0 0.0 129.4

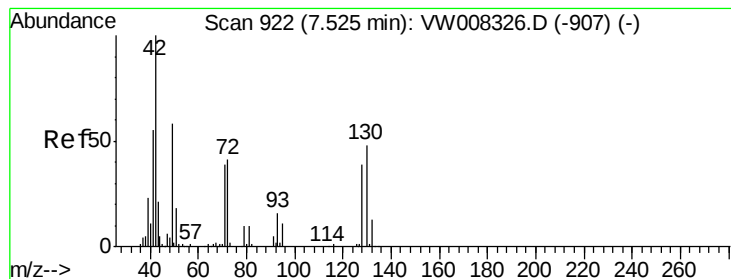


#28

Bromochloromethane
Concen: 16.456 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 49 Resp: 19660
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 72.1 0.0 0.0#





#29

Tetrahydrofuran

Concen: 79.238 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBS01

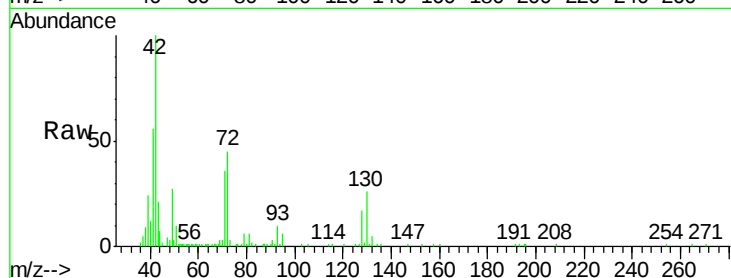
Tot Ion: 42 Resp: 21736

Ion Ratio Lower Upper

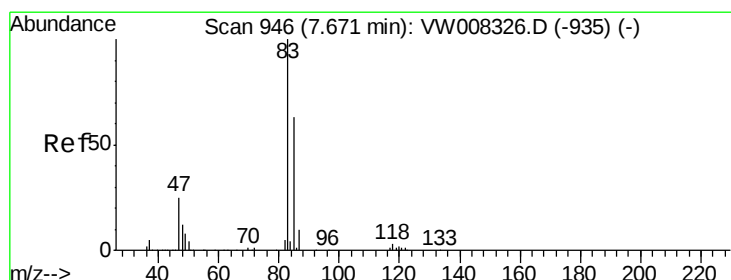
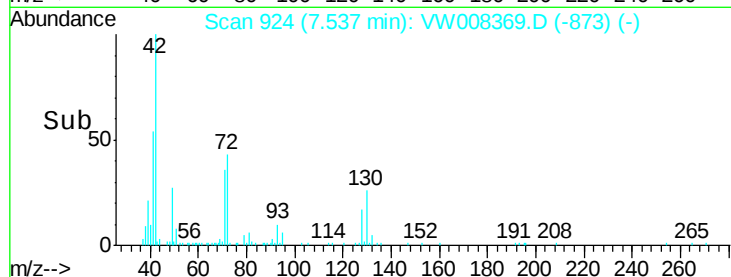
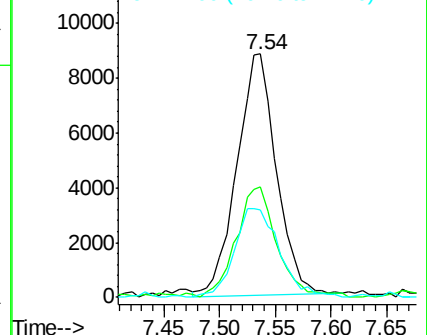
42 100

72 47.3 34.0 51.0

71 42.0 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 19.576 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW008369.D

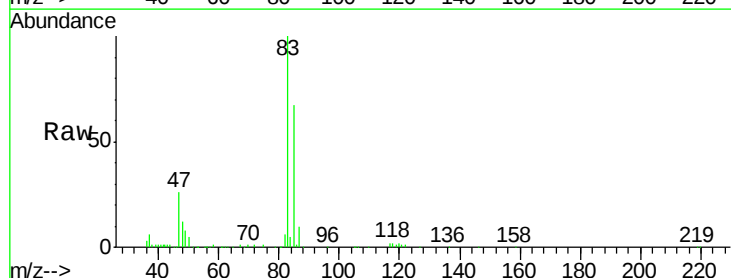
Acq: 21 Jan 2019 12:33

Tgt Ion: 83 Resp: 56165

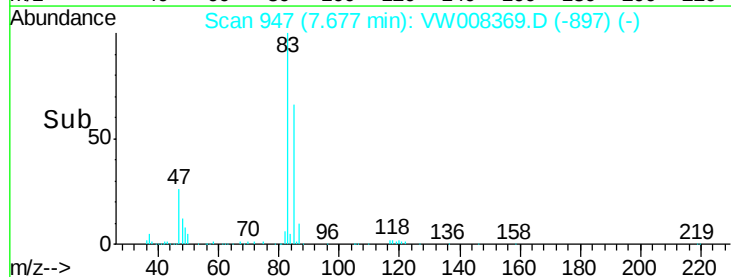
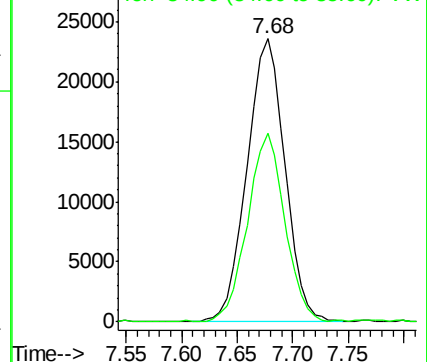
Ion Ratio Lower Upper

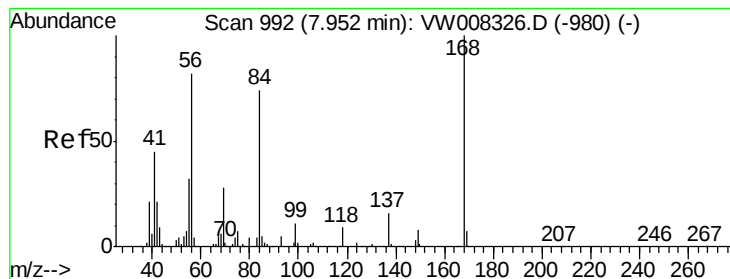
83 100

85 66.7 50.2 75.2



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





#31

Cyclohexane

Concen: 19.669 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

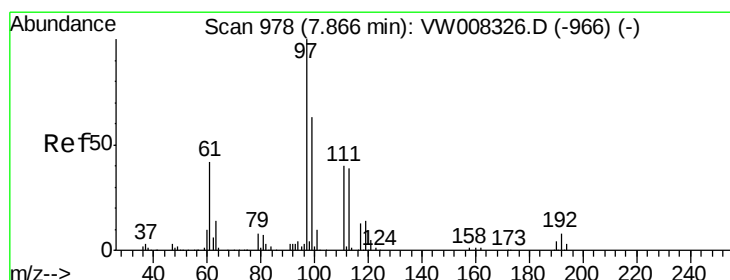
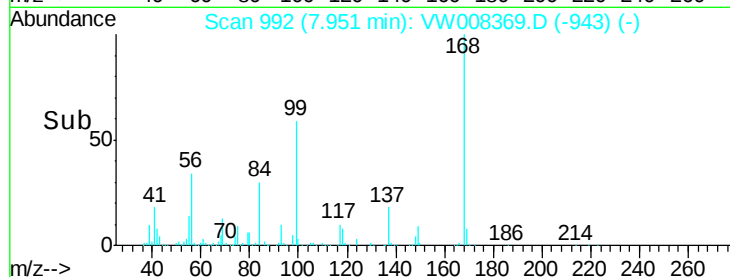
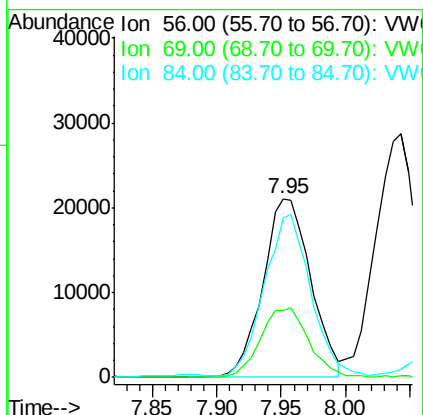
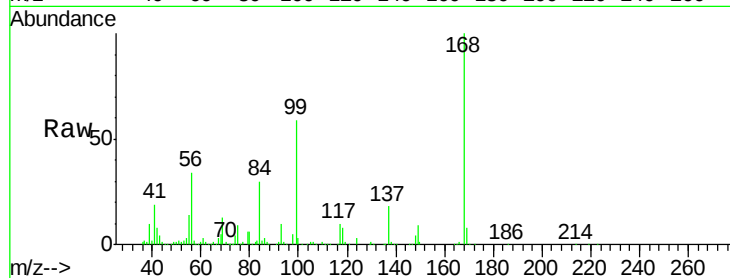
Tot Ion: 56 Resp: 54344

Ion Ratio Lower Upper

56 100

69 37.0 27.0 40.6

84 86.8 72.5 108.7



#32

1,1,1-Trichloroethane

Concen: 20.383 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

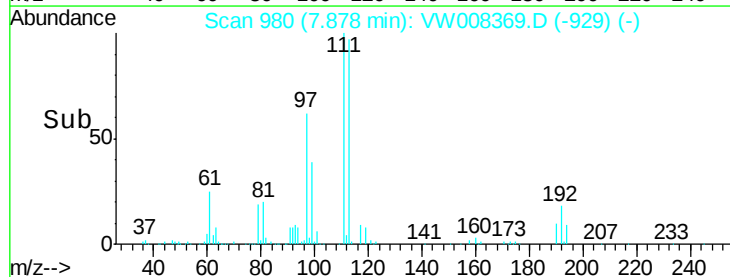
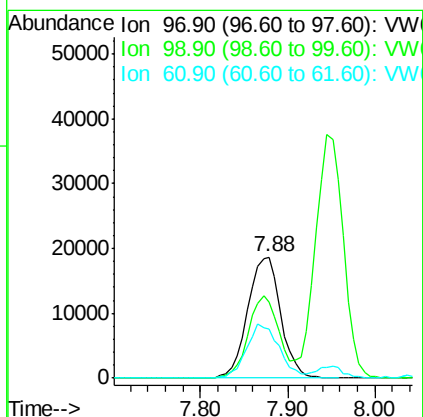
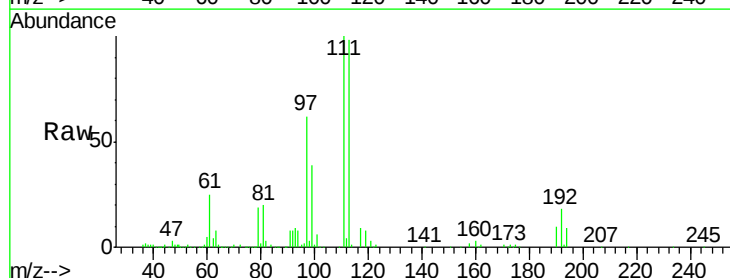
Tgt Ion: 97 Resp: 49081

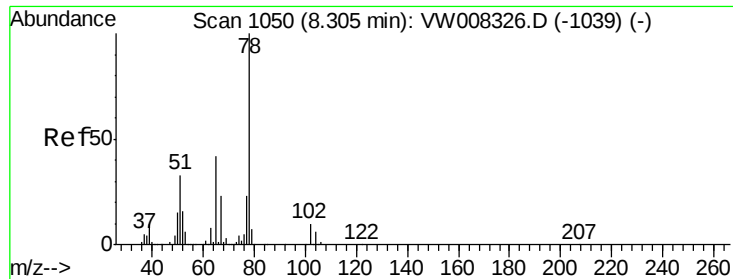
Ion Ratio Lower Upper

97 100

99 61.9 51.1 76.7

61 44.4 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 50.879 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

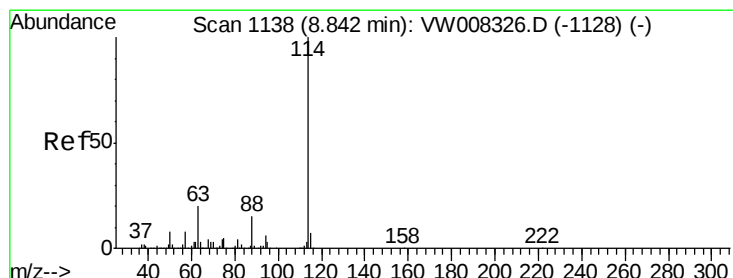
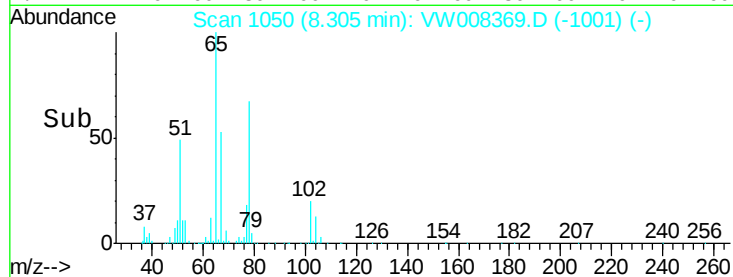
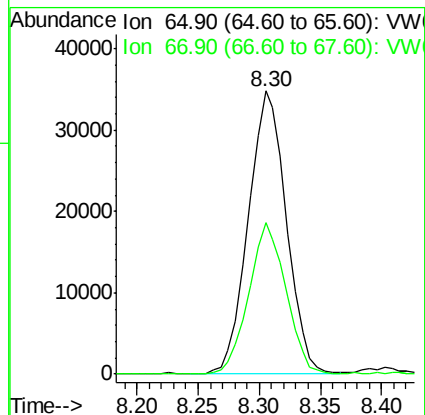
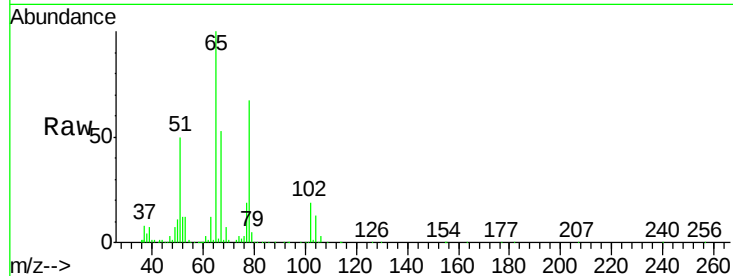
VW0121SBS01

Tot Ion: 65 Resp: 75265

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

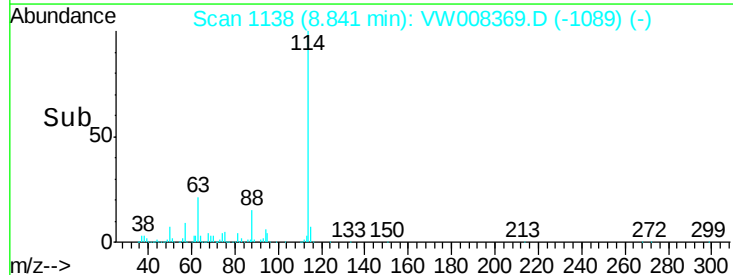
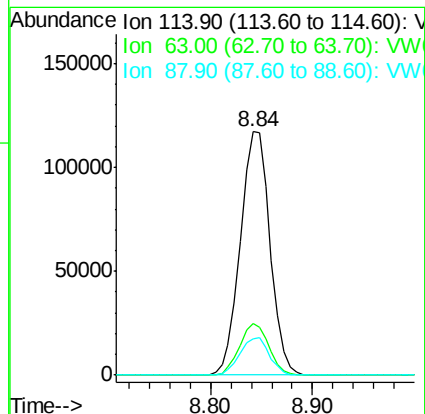
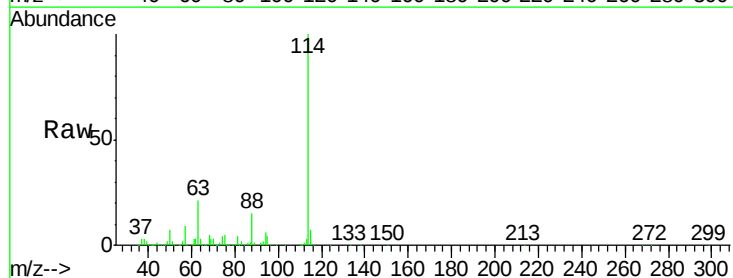
Tgt Ion: 114 Resp: 235919

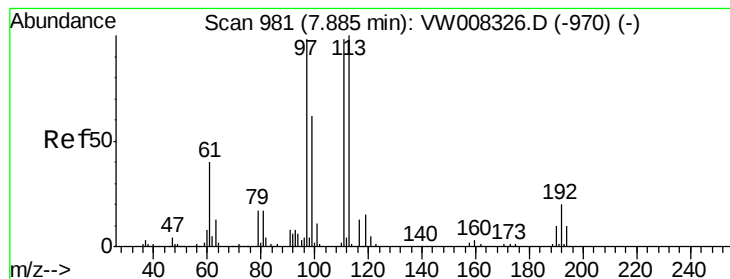
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.557 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

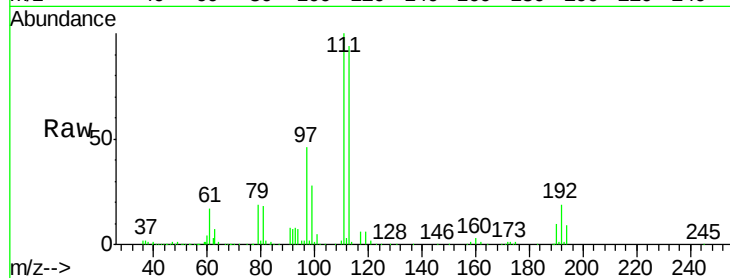
Tot Ion:113 Resp: 76136

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

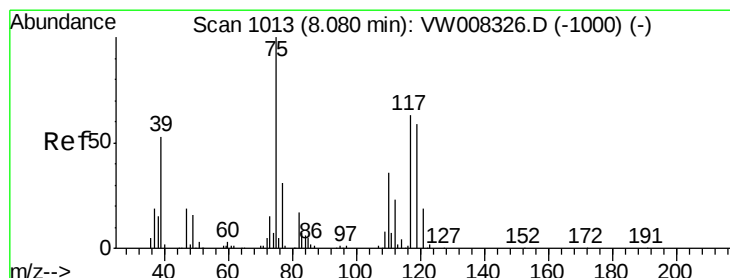
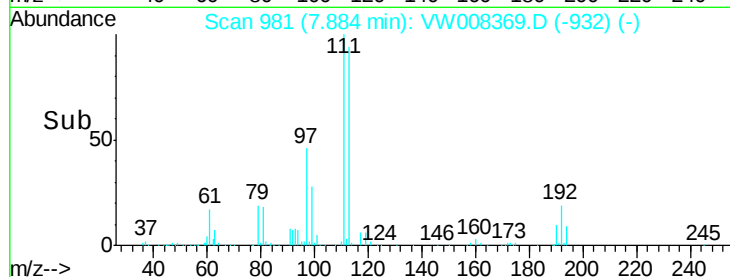
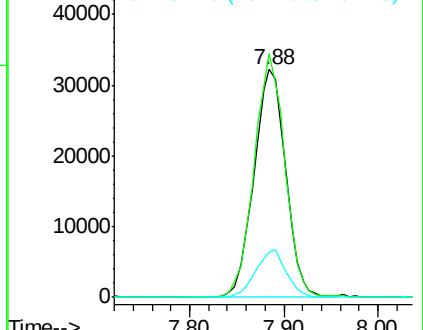
192 20.1 16.3 24.5



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: 19.106 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

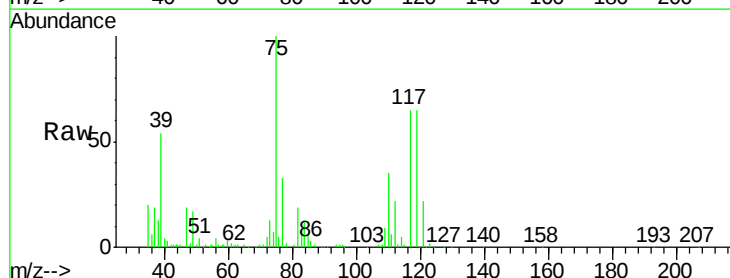
Tgt Ion: 75 Resp: 45349

Ion Ratio Lower Upper

75 100

110 35.9 17.5 52.6

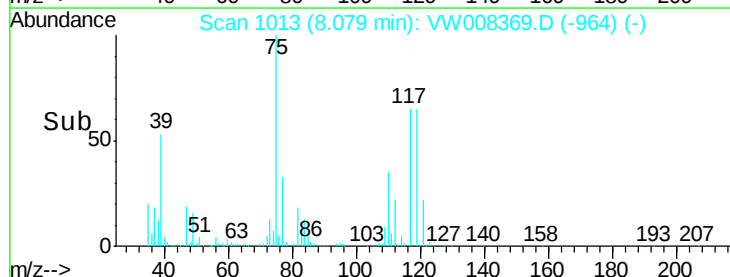
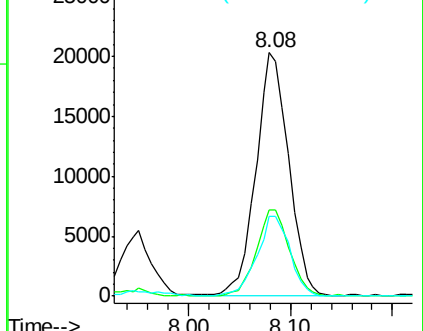
77 33.3 25.0 37.6

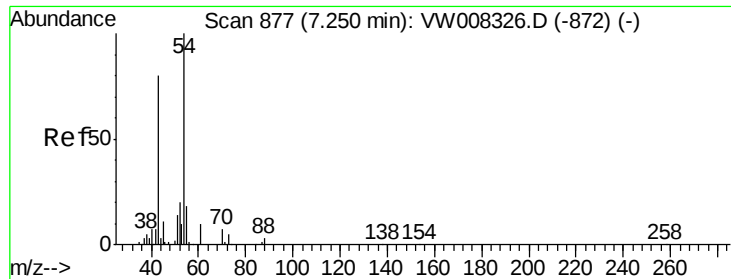


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

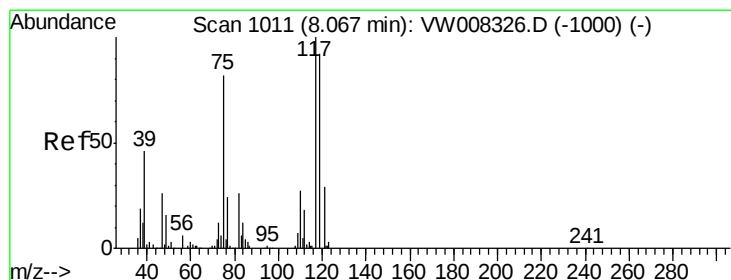
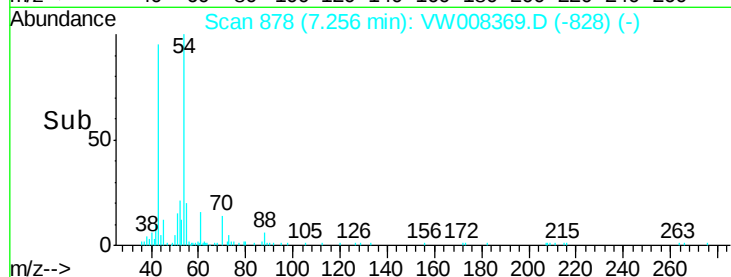
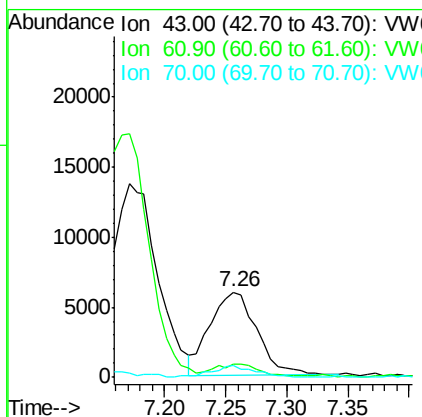
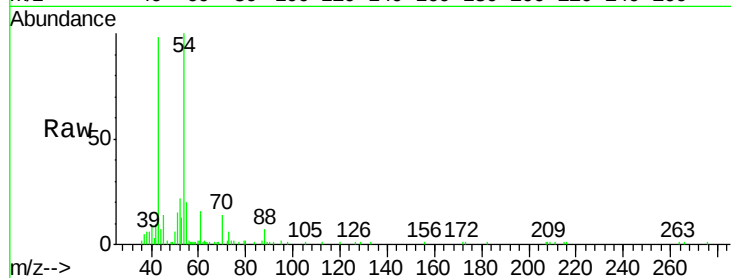




#37
Ethyl Acetate
Concen: 16.401 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

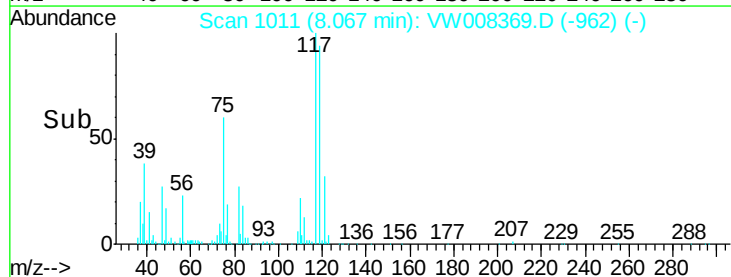
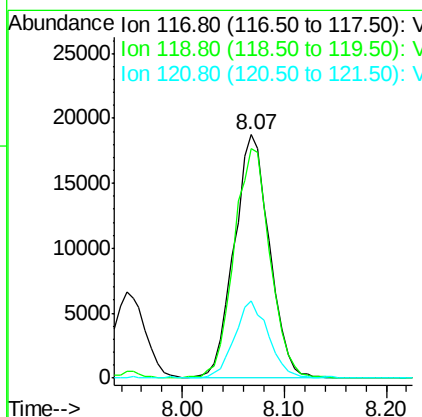
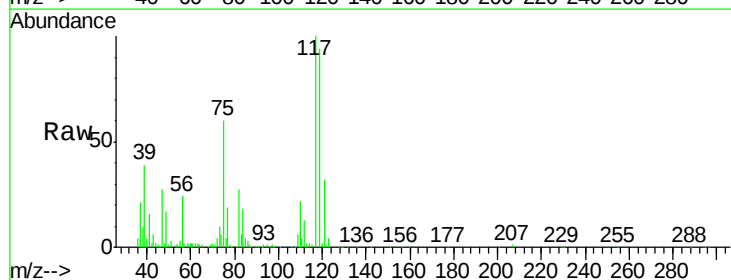
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

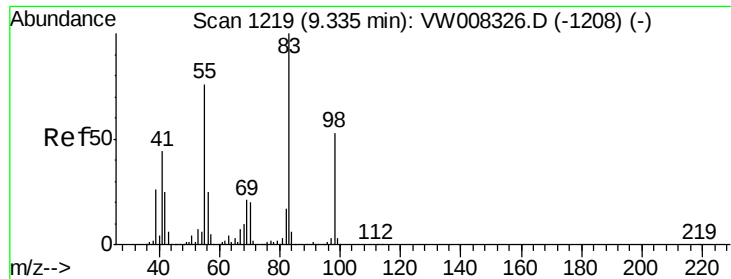
Tot Ion: 43 Resp: 16053
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 12.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.194 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 117 Resp: 44986
Ion Ratio Lower Upper
117 100
119 94.4 73.8 110.6
121 31.5 23.4 35.0

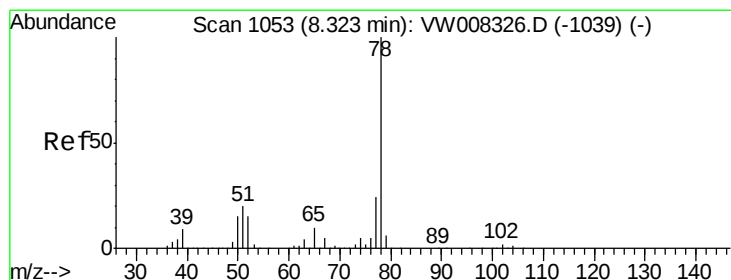
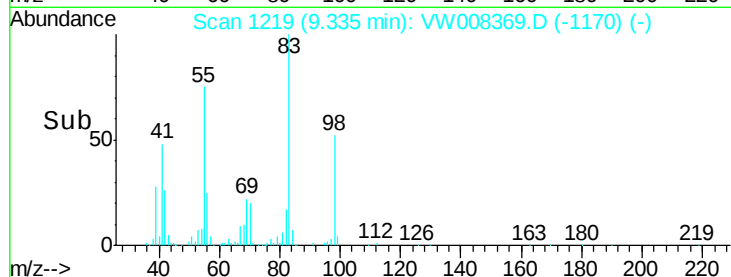
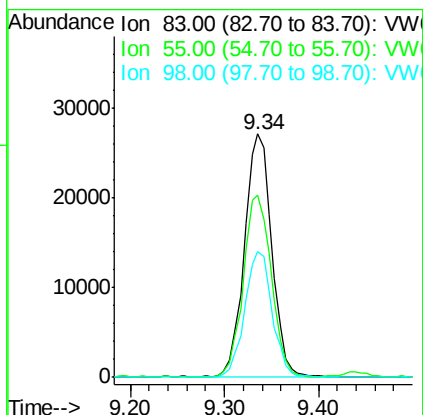
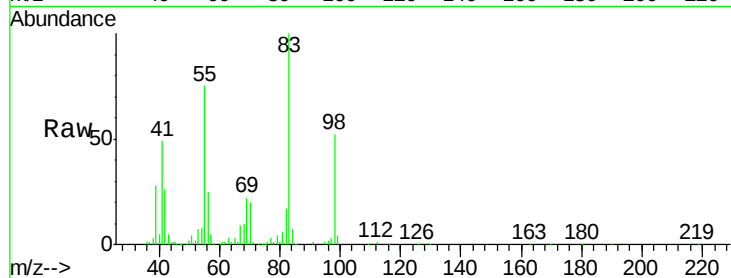




#39
Methvlcvclohexane
Concen: 19.572 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

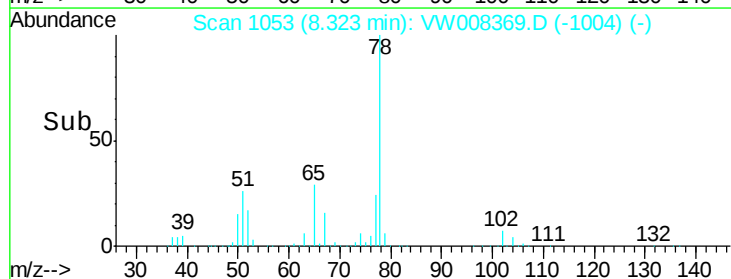
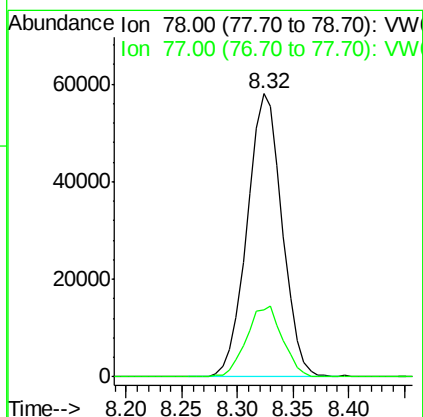
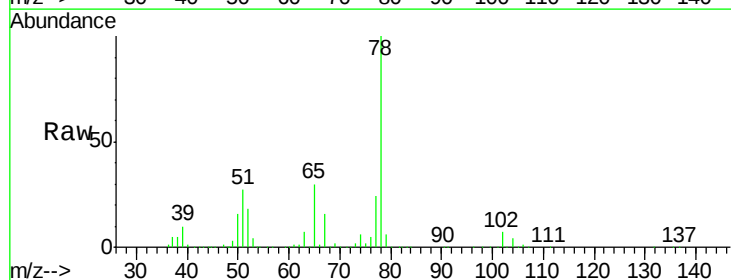
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

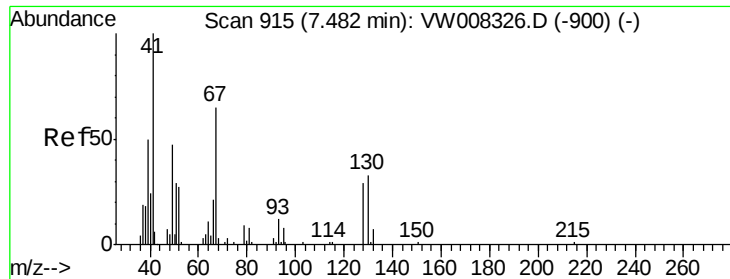
Tot Ion: 83 Resp: 55259
Ion Ratio Lower Upper
83 100
55 74.6 61.1 91.7
98 51.8 42.5 63.7



#40
Benzene
Concen: 18.895 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 78 Resp: 127042
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

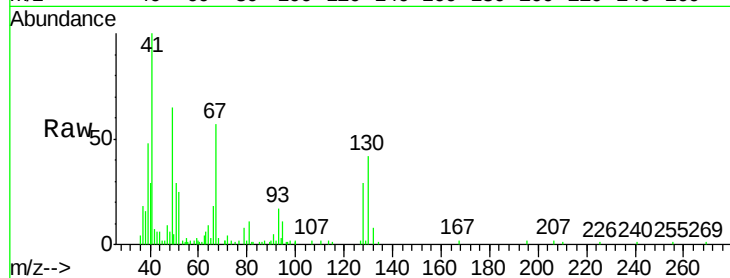




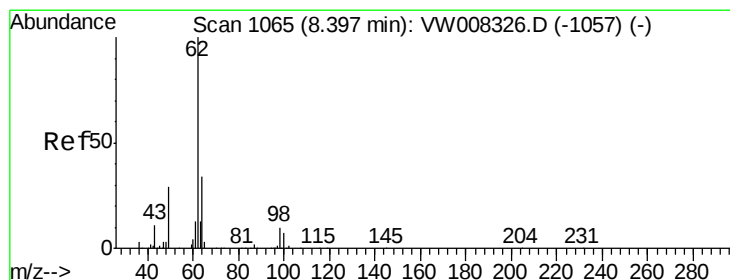
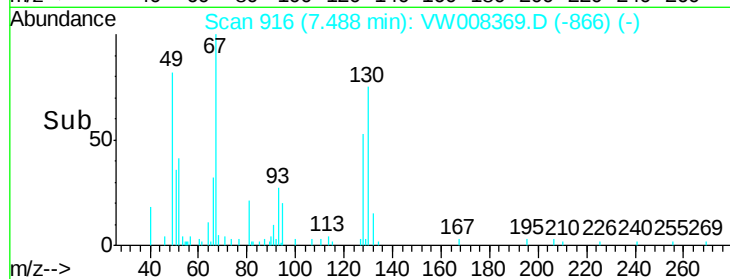
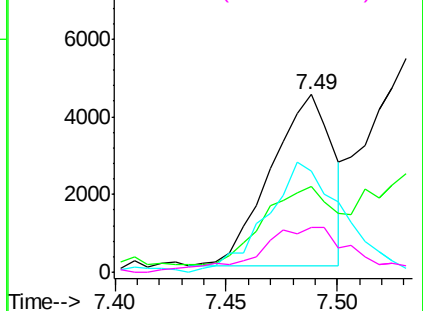
#41
Methacrylonitrile
Concen: 15.023 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

Tot Ion: 41 Resp: 8560
Ion Ratio Lower Upper
41 100
39 55.8 44.9 67.3
67 78.8 56.9 85.3
52 40.3 24.4 36.6#

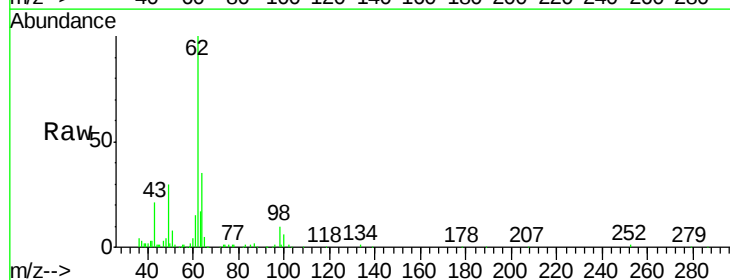


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

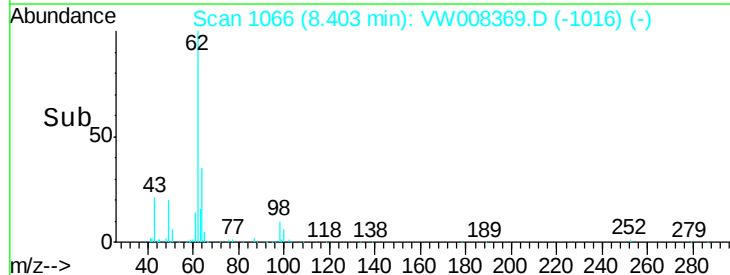
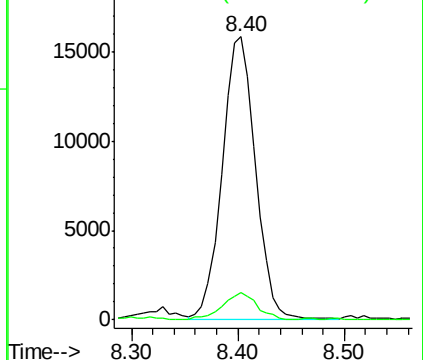


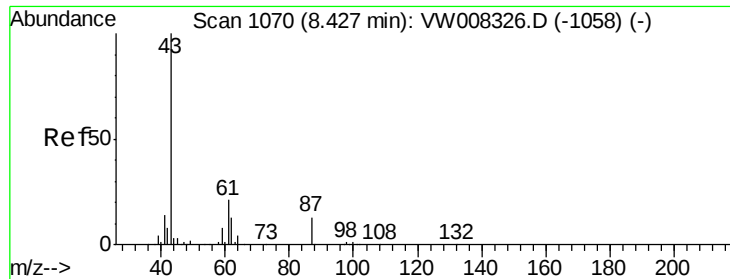
#42
1,2-Dichloroethane
Concen: 18.415 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 62 Resp: 34622
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW



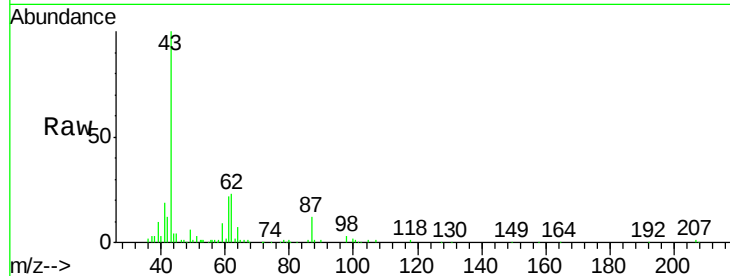


#43

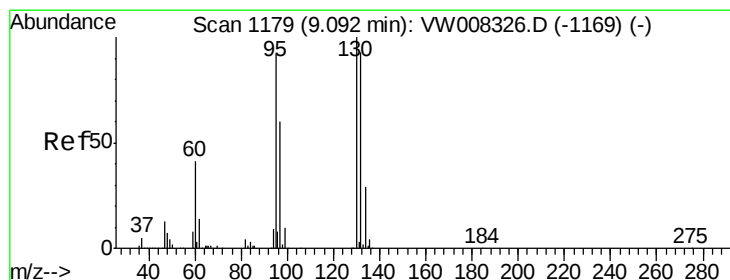
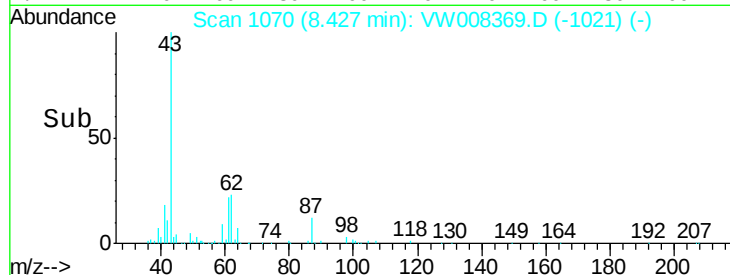
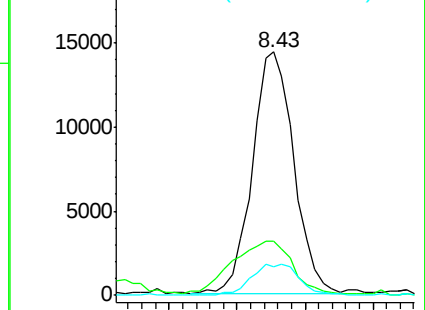
Isopropyl Acetate
 Concen: 16.702 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBS01

Tot Ion	43	Resp	30880
Ion	Ratio	Lower	Upper
43	100		
61	33.1	24.8	37.2
87	14.9	10.7	16.1



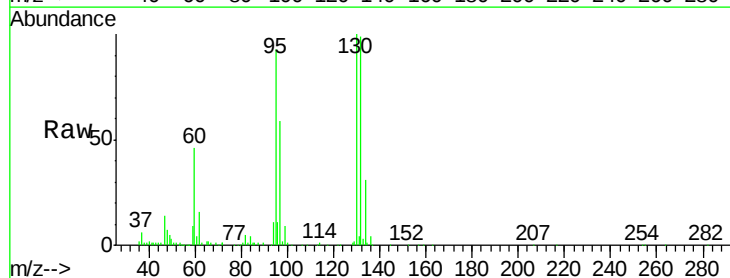
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



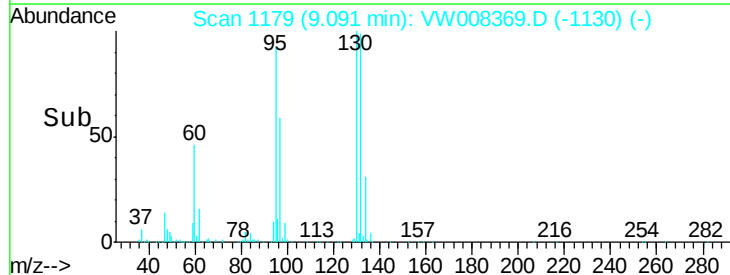
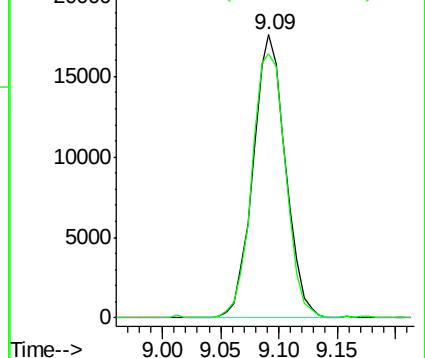
#44

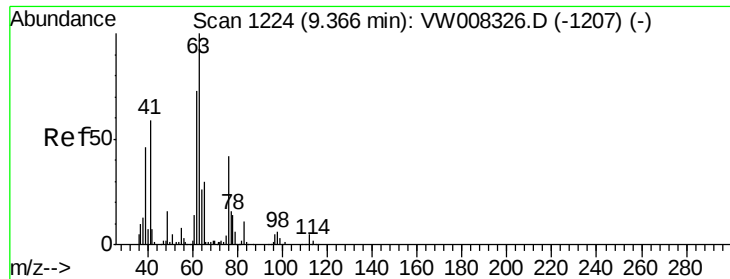
Trichloroethene
 Concen: 18.560 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion	130	Resp	34189
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.8



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

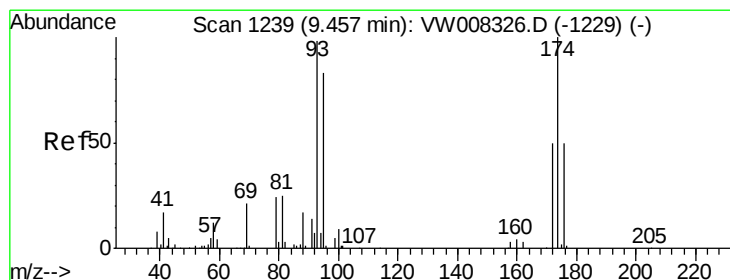
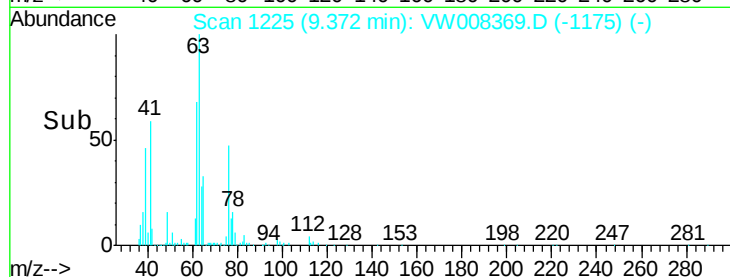
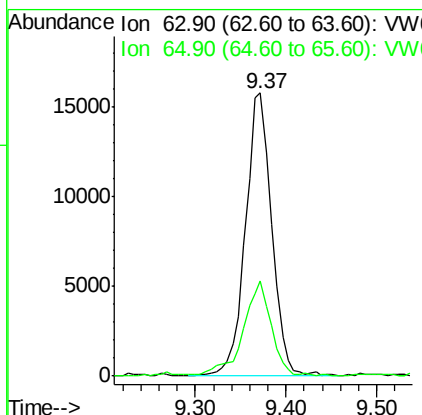
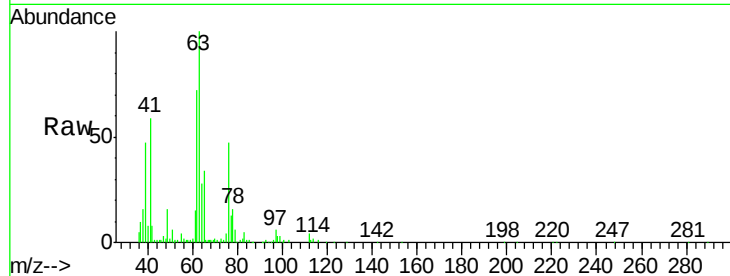




#45
 1,2-Dichloropropane
 Concen: 19.017 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

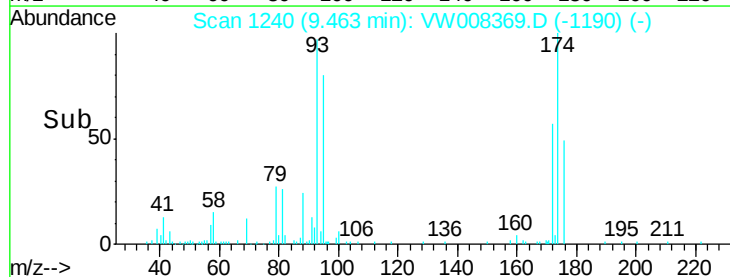
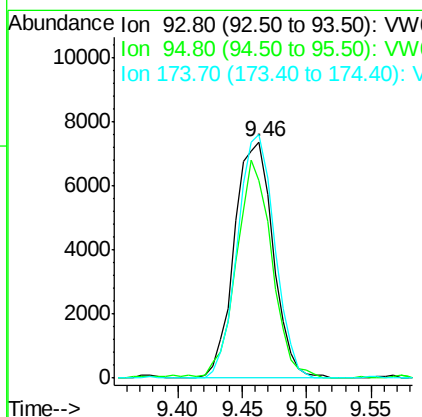
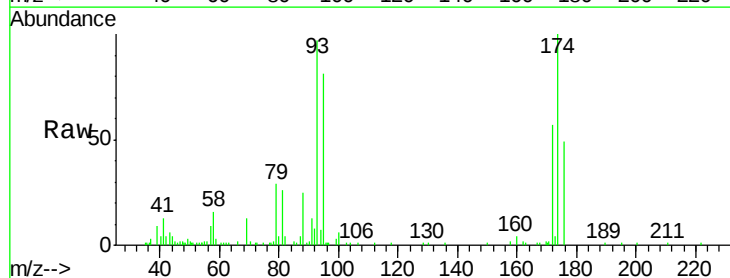
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

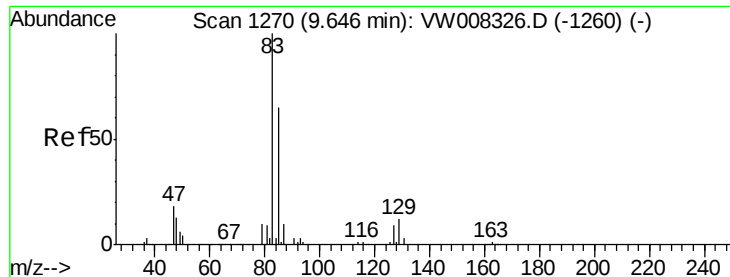
Tot Ion: 63 Resp: 31761
 Ion Ratio Lower Upper
 63 100
 65 33.1 23.9 35.9



#46
 Dibromomethane
 Concen: 17.631 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion: 93 Resp: 15347
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.8 101.8
 174 98.8 84.4 126.6

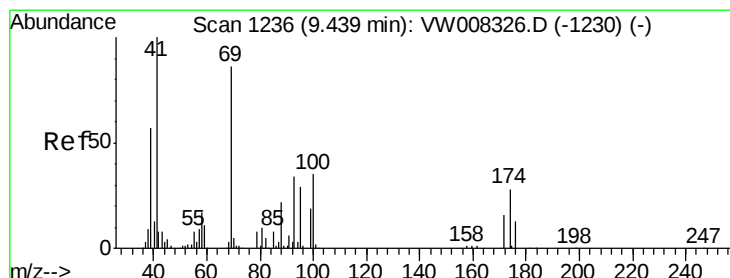
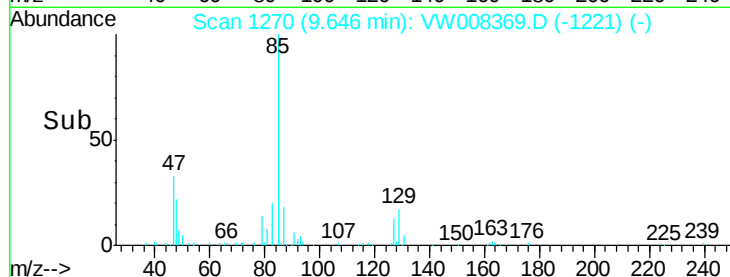
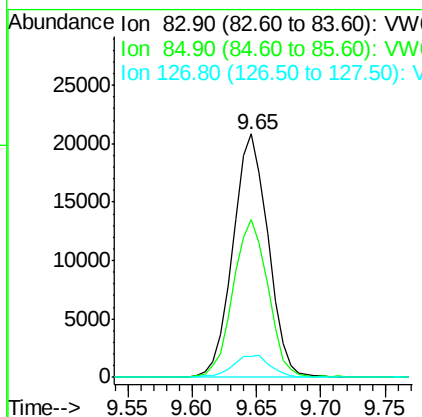
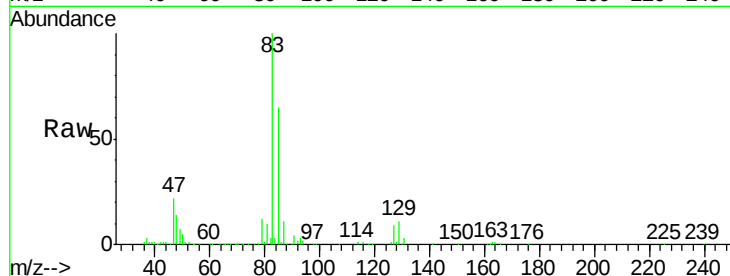




#47
Bromodichloromethane
Concen: 18.365 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

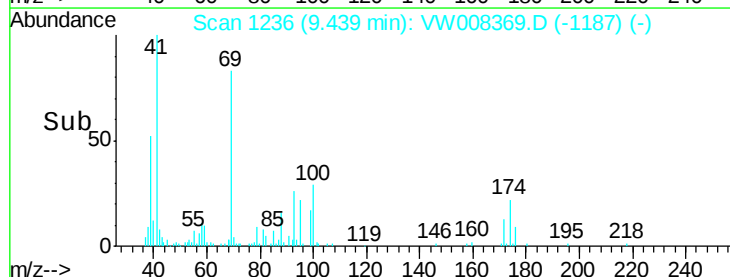
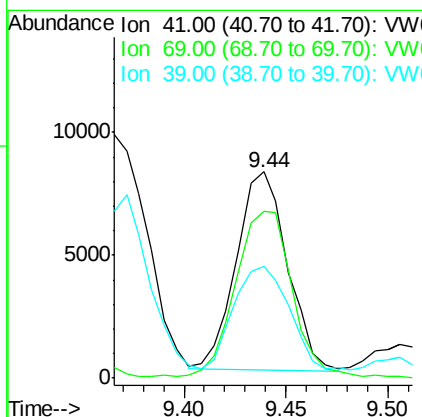
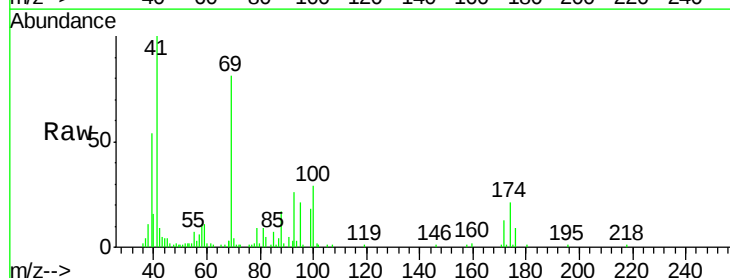
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

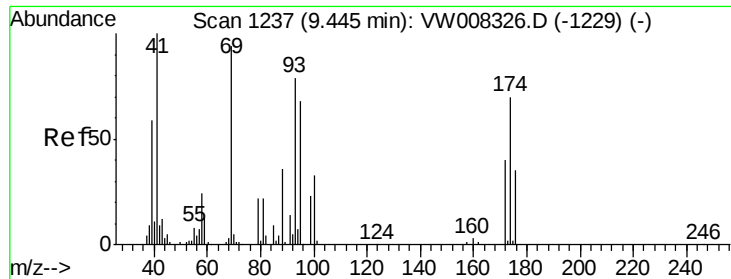
Tot Ion: 83 Resp: 39432
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 16.125 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 41 Resp: 14035
Ion Ratio Lower Upper
41 100
69 95.2 68.2 102.4
39 61.8 46.0 69.0





#49

1,4-Dioxane

Concen: 344.908 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

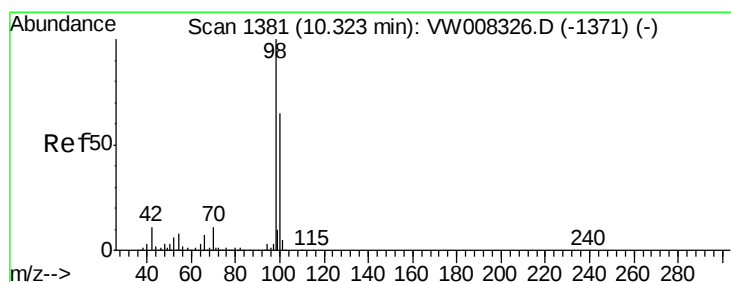
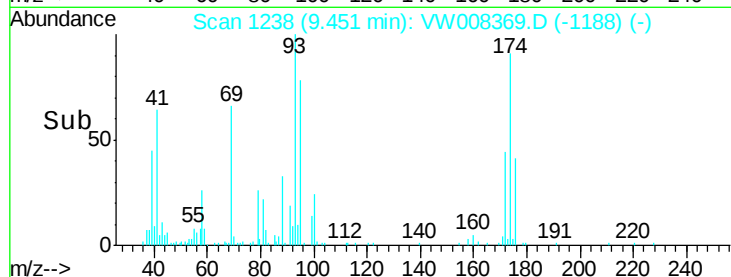
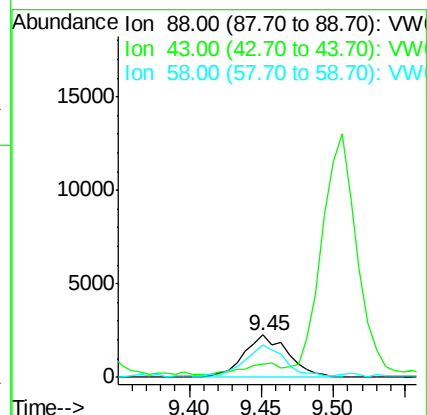
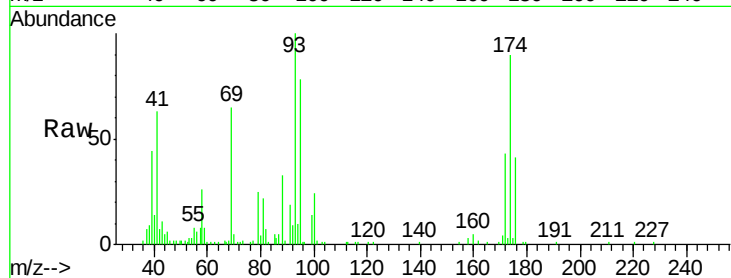
Tot Ion: 88 Resp: 4833

Ion Ratio Lower Upper

88 100

43 22.7 27.1 40.7#

58 74.7 57.9 86.9



#50

Toluene-d8

Concen: 53.704 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008369.D

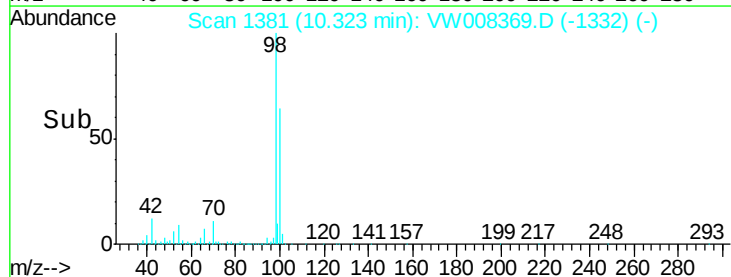
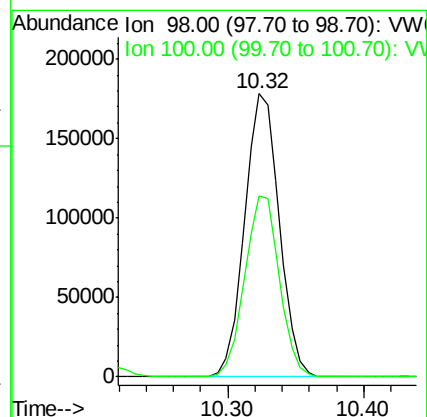
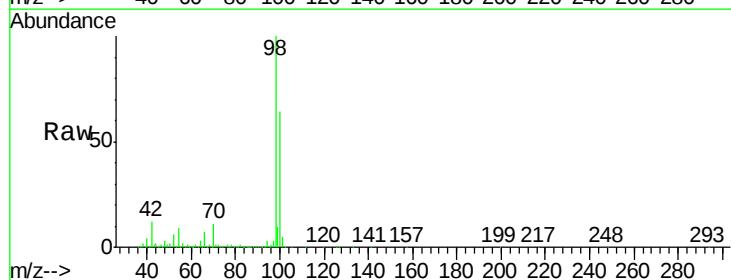
Acq: 21 Jan 2019 12:33

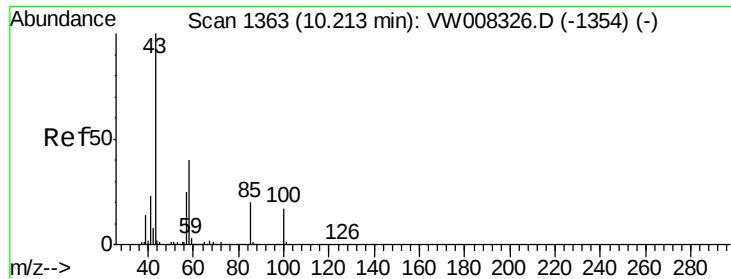
Tgt Ion: 98 Resp: 317721

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8

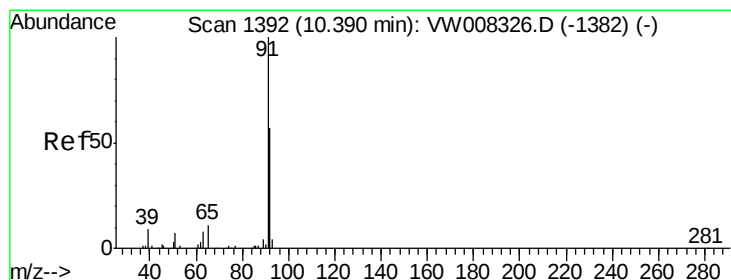
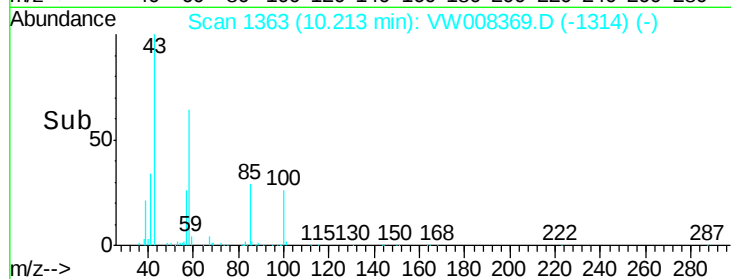
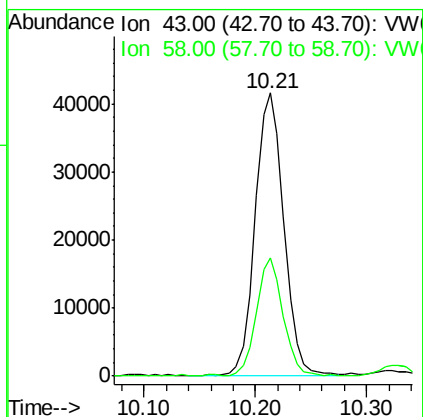
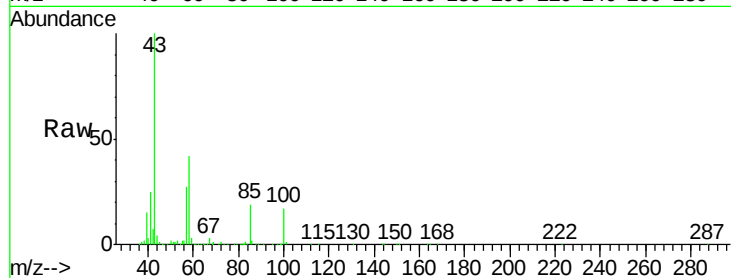




#51
4-Methyl-2-Pentanone
Concen: 79.234 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

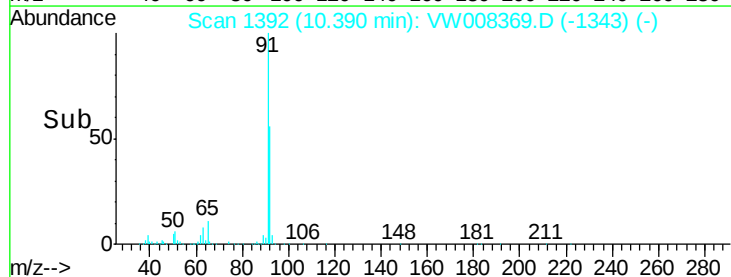
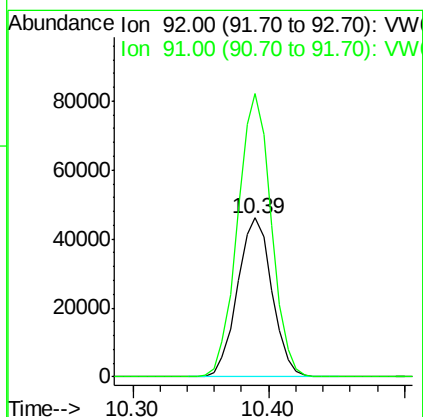
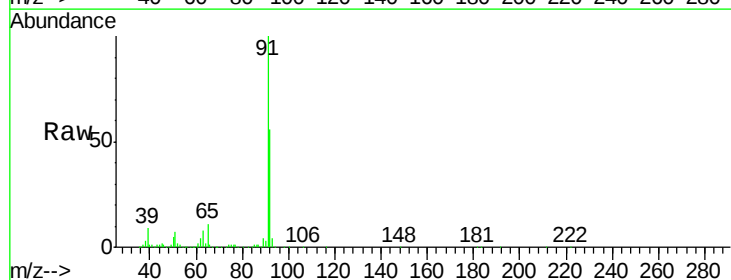
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

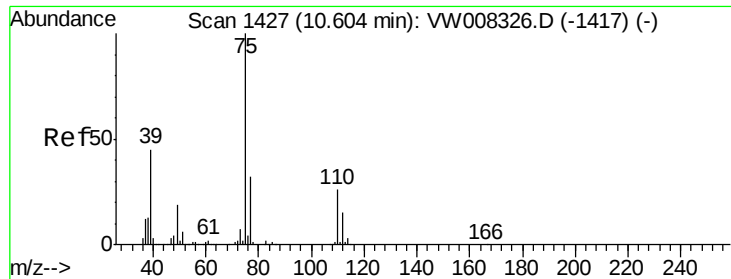
Tot Ion: 43 Resp: 74178
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.0



#52
Toluene
Concen: 19.162 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 92 Resp: 81532
Ion Ratio Lower Upper
92 100
91 173.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 17.703 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

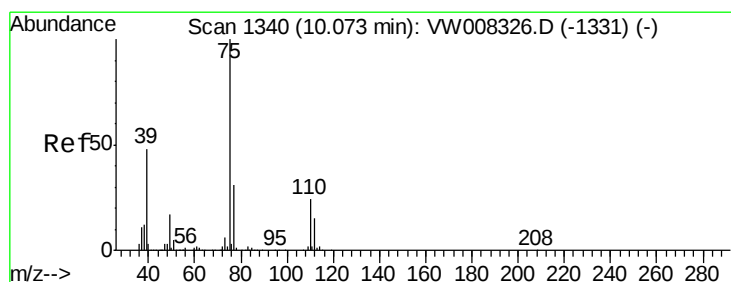
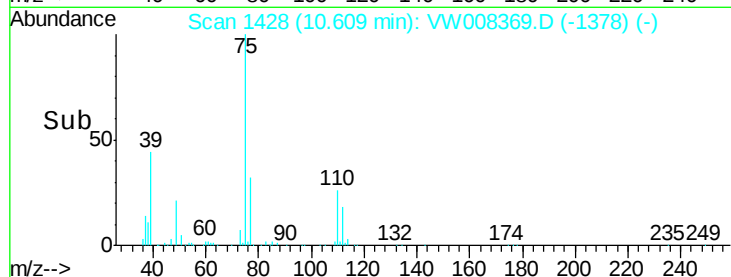
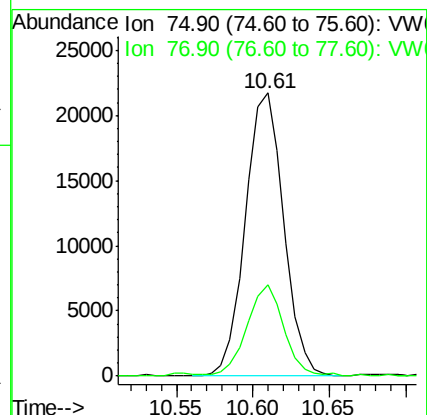
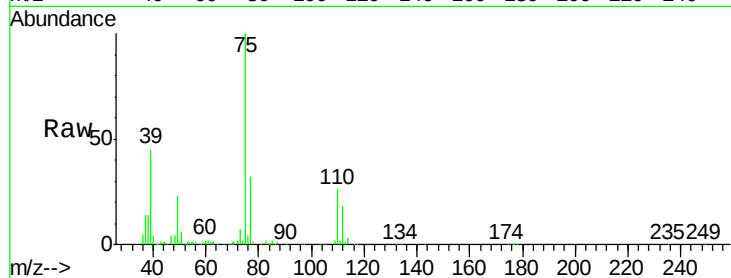
VW0121SBSD01

Tot Ion: 75 Resp: 37937

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 17.892 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

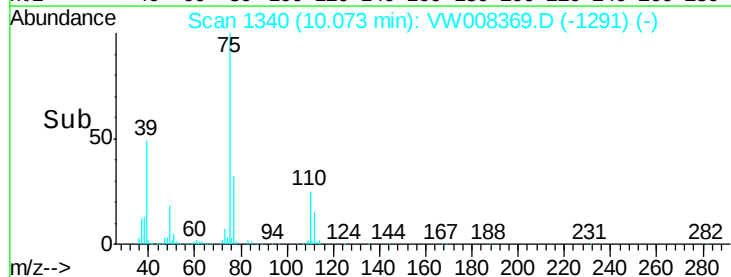
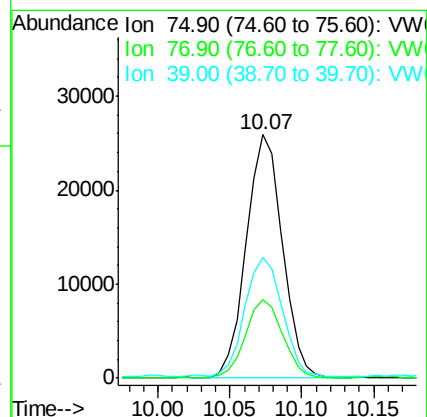
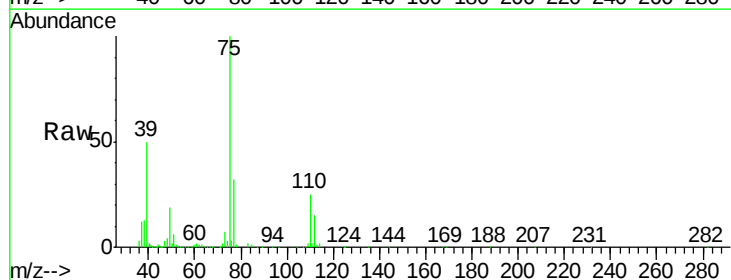
Tgt Ion: 75 Resp: 45199

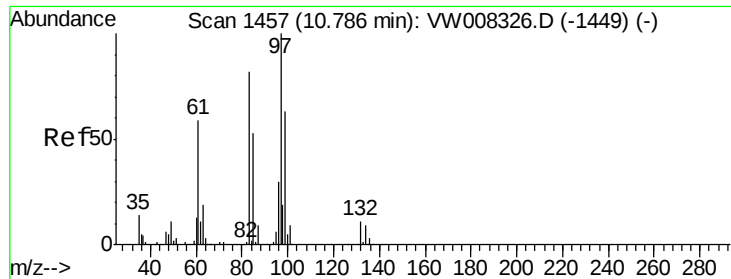
Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

39 48.5 38.6 57.8

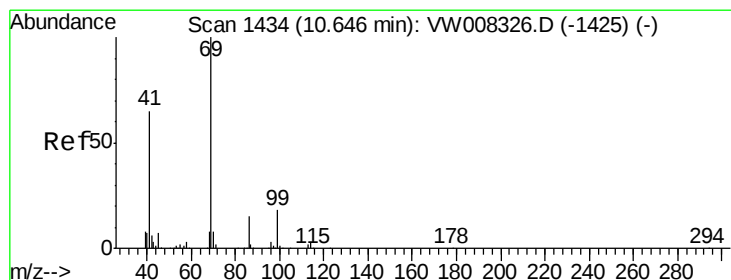
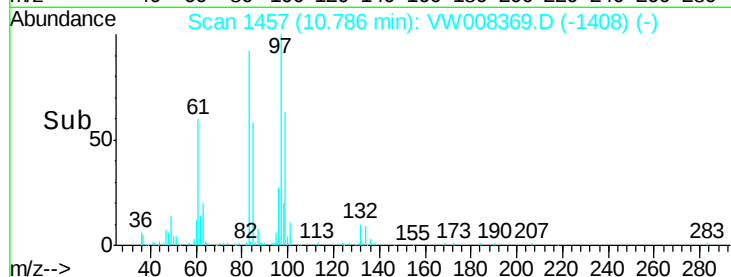
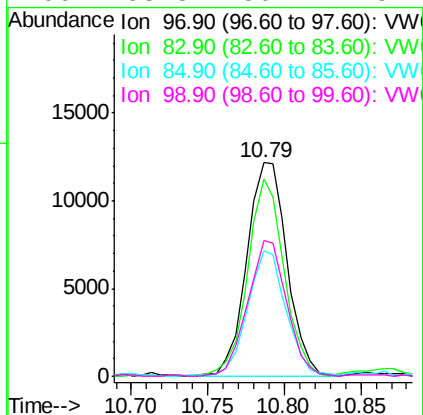
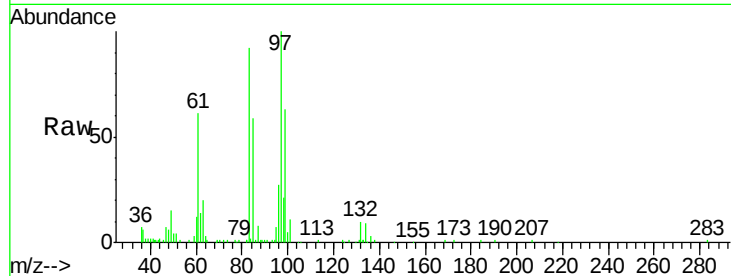




#55
 1,1,2-Trichloroethane
 Concen: 18.492 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

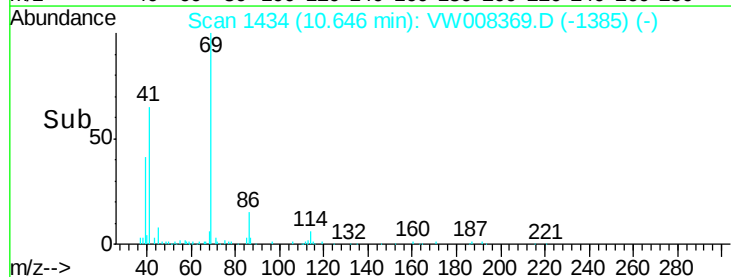
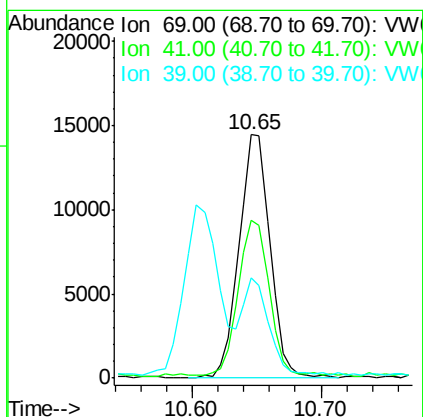
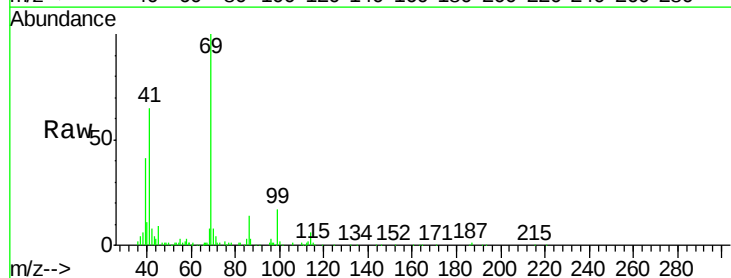
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBS01

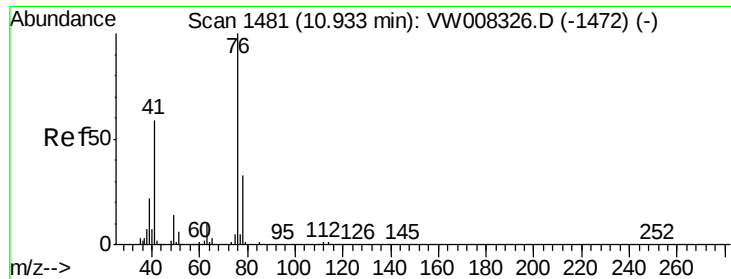
Tot Ion:	97	Resp:	22326
Ion	Ratio	Lower	Upper
97	100		
83	92.1	65.3	97.9
85	58.2	42.6	64.0
99	63.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 17.010 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion:	69	Resp:	24118
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.9	79.3
39	33.2	28.4	42.6

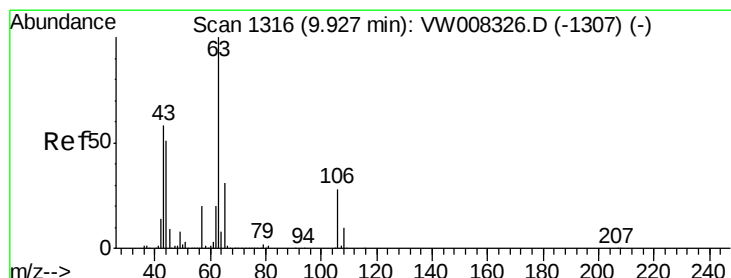
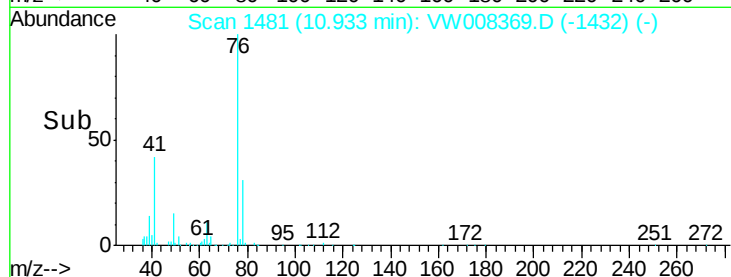
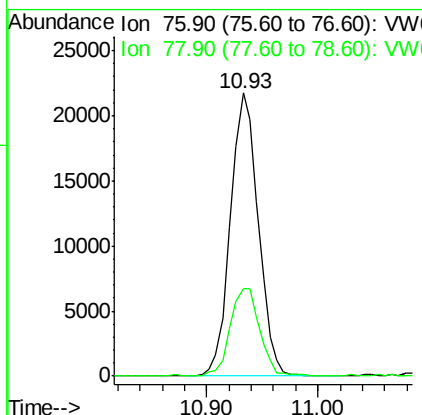
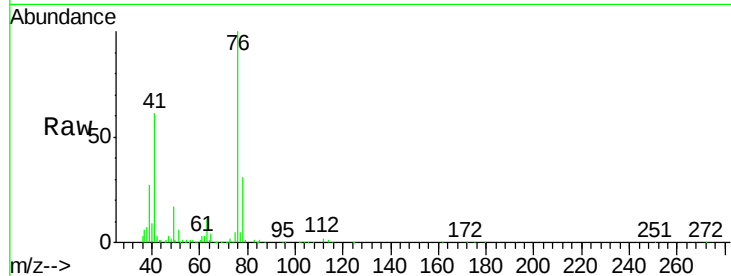




#57
 1,3-Dichloropropane
 Concen: 17.989 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

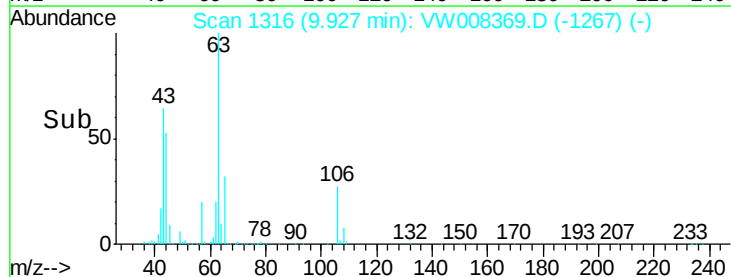
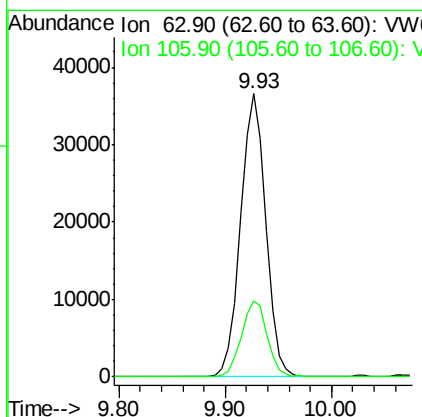
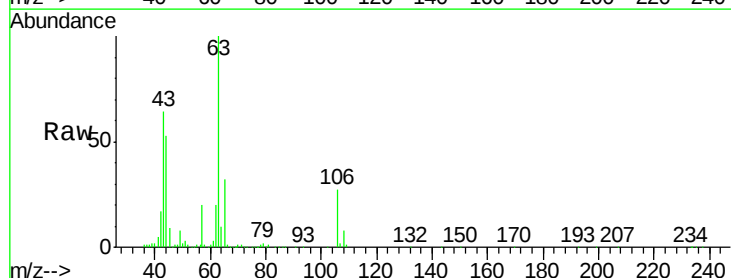
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

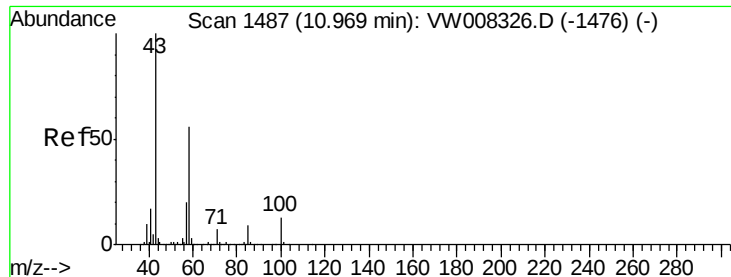
Tot Ion: 76 Resp: 37710
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.184 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion: 63 Resp: 60995
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.9 34.3

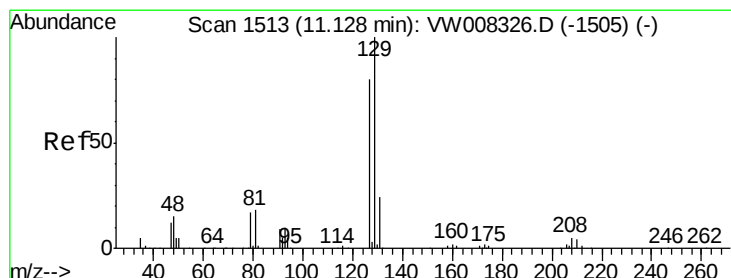
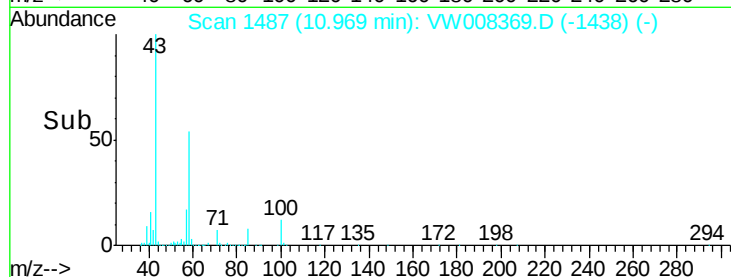
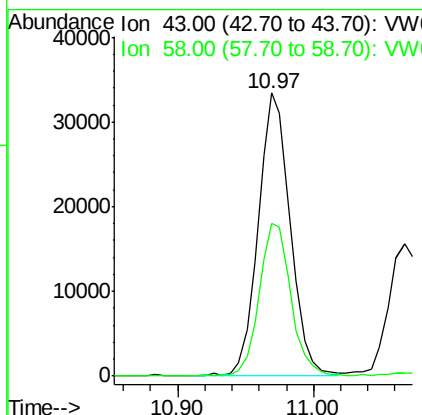
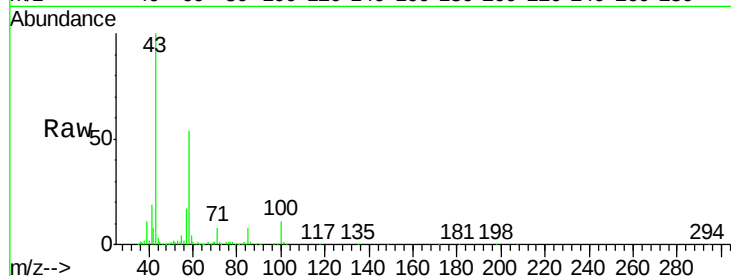




#59
2-Hexanone
Concen: 83.687 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

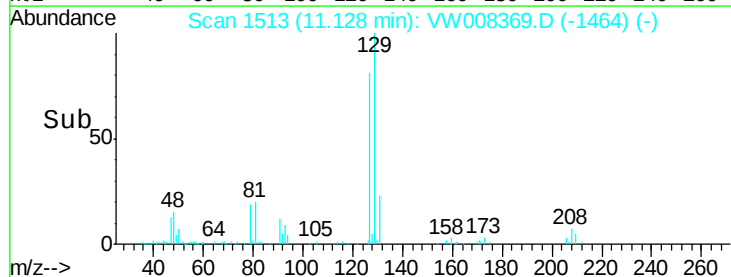
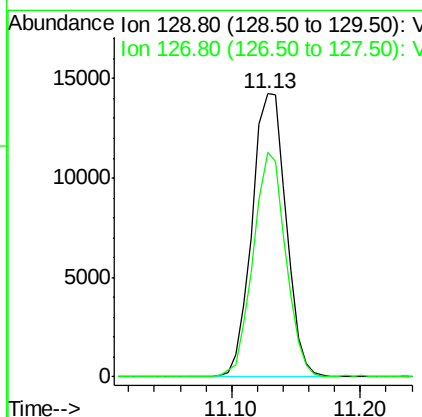
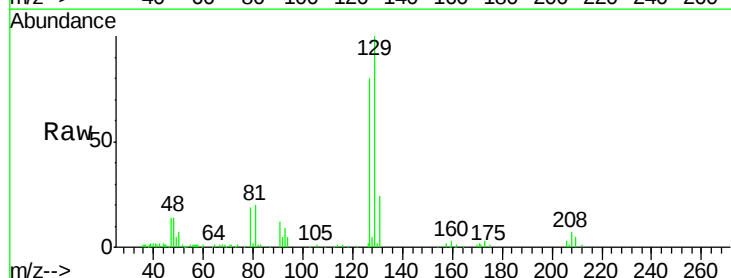
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

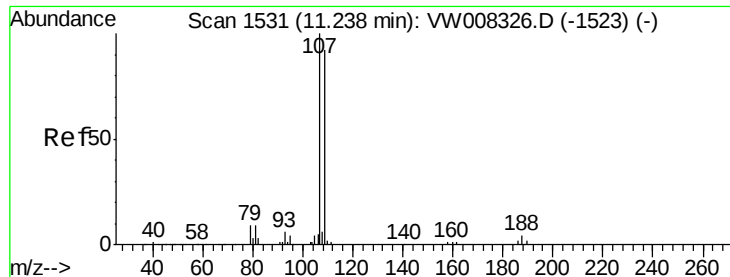
Tot Ion: 43 Resp: 54895
Ion Ratio Lower Upper
43 100
58 54.3 27.5 82.5



#60
Dibromochloromethane
Concen: 18.030 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 129 Resp: 25979
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.760 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

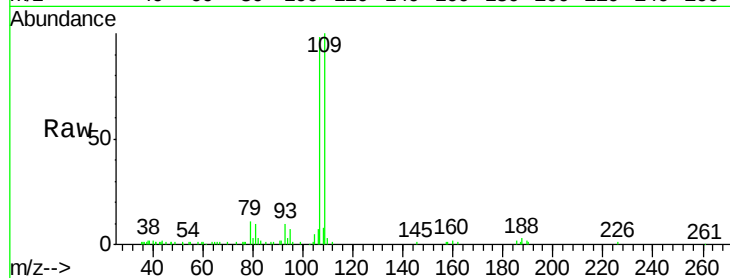
VW0121SBSD01

Tot Ion:107 Resp: 19594

Ion Ratio Lower Upper

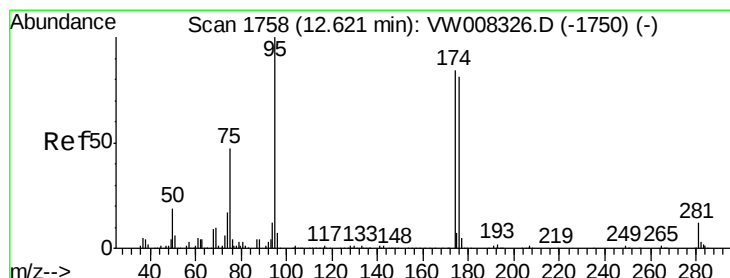
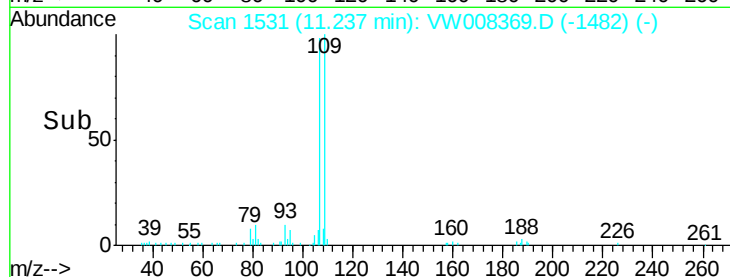
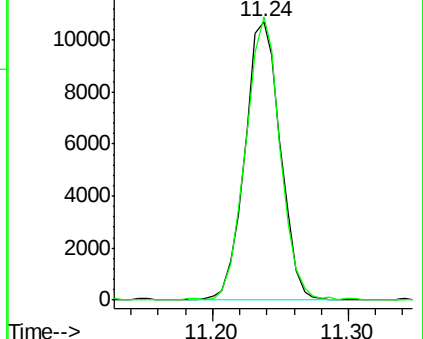
107 100

109 98.9 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.953 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

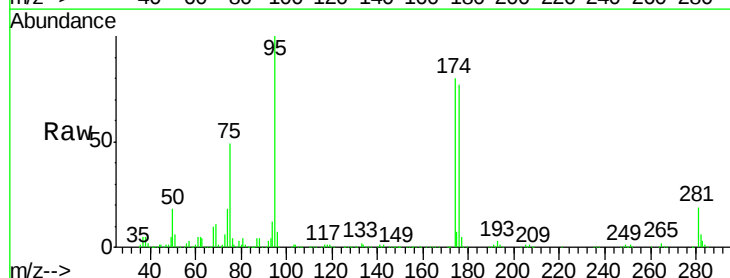
Tgt Ion: 95 Resp: 108115

Ion Ratio Lower Upper

95 100

174 80.1 0.0 166.0

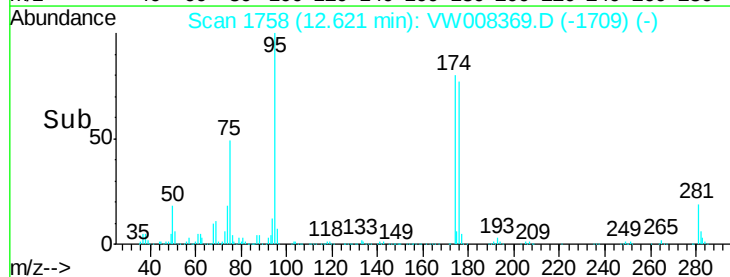
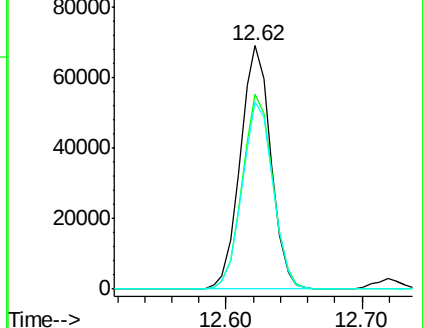
176 77.6 0.0 160.0

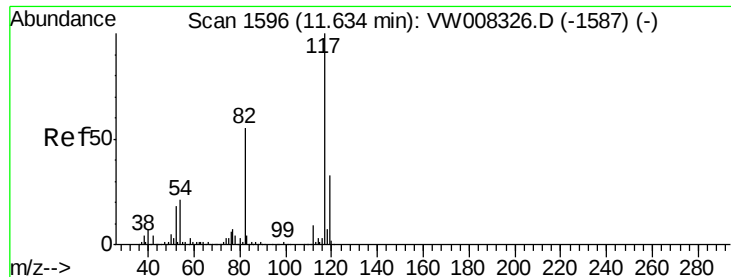


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

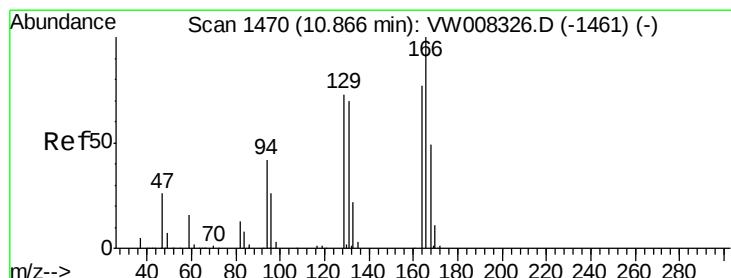
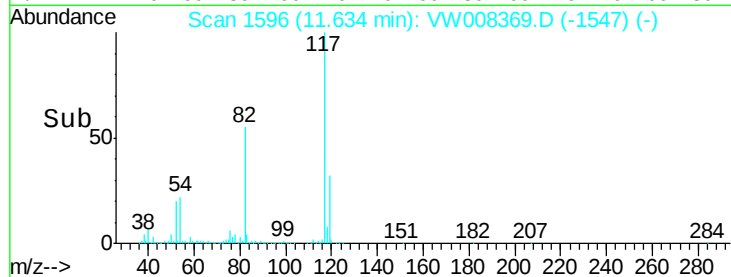
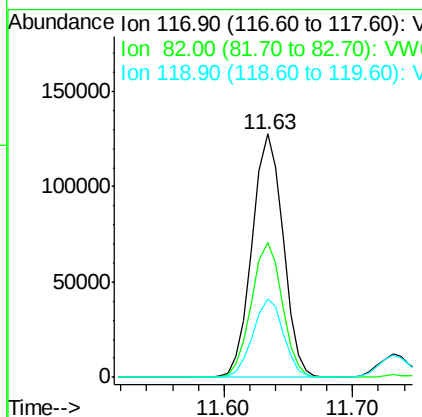
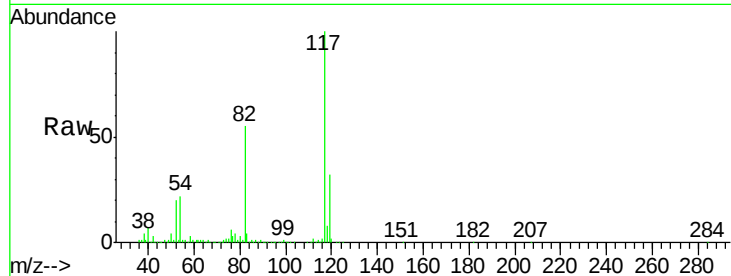




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

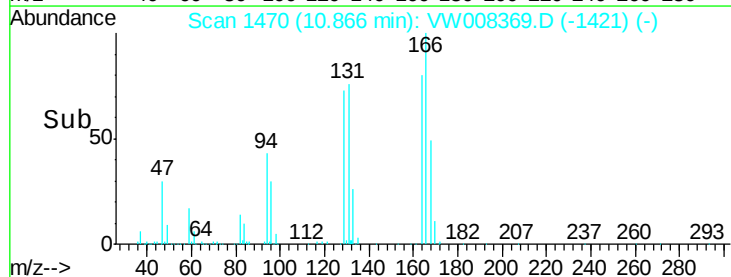
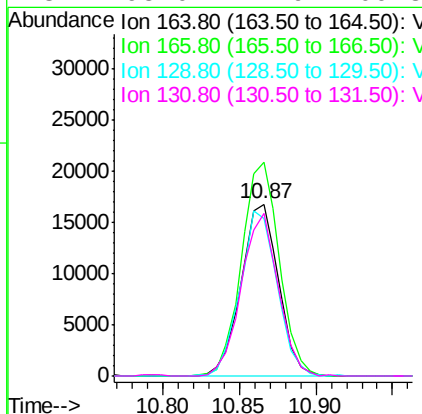
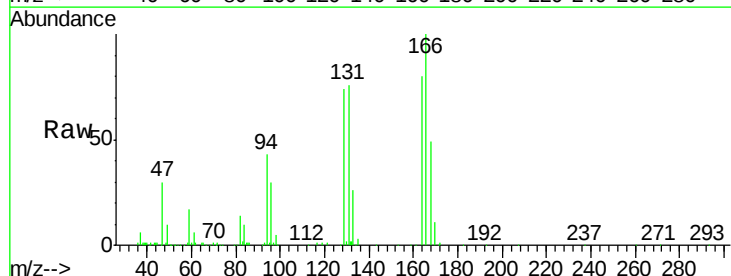
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

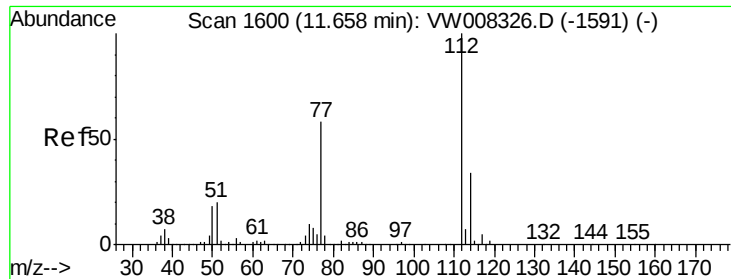
Tot Ion:117 Resp: 212239
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 19.169 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion:164 Resp: 28527
Ion Ratio Lower Upper
164 100
166 124.4 103.4 155.2
129 91.7 75.0 112.6
131 95.0 72.9 109.3

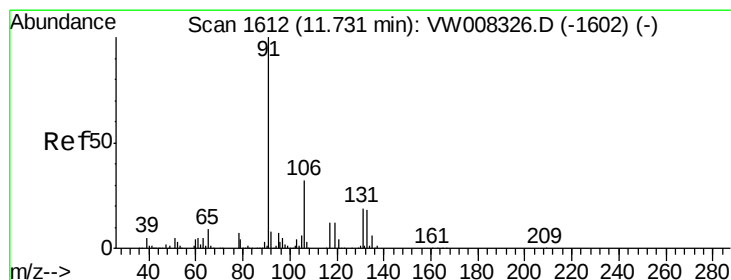
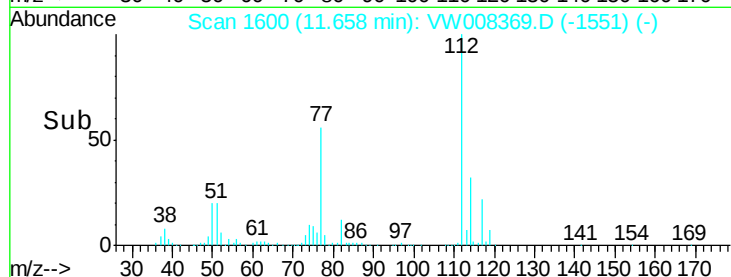
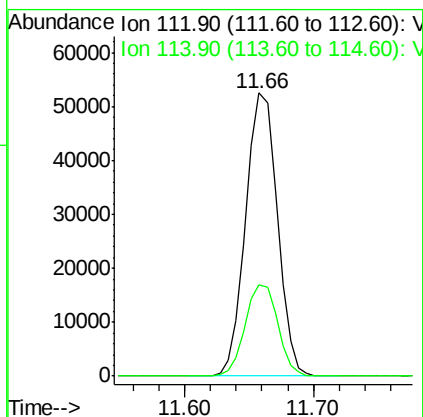
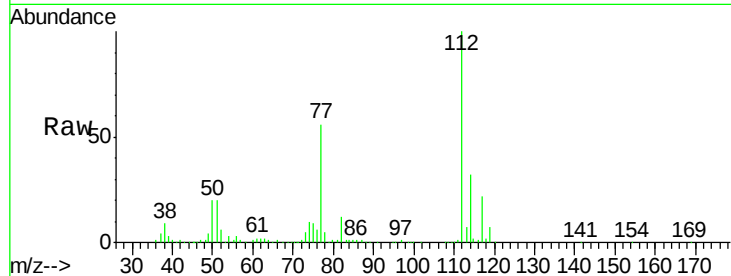




#65
Chlorobenzene
Concen: 19.356 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

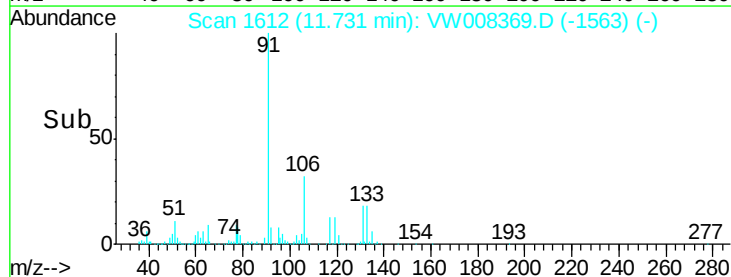
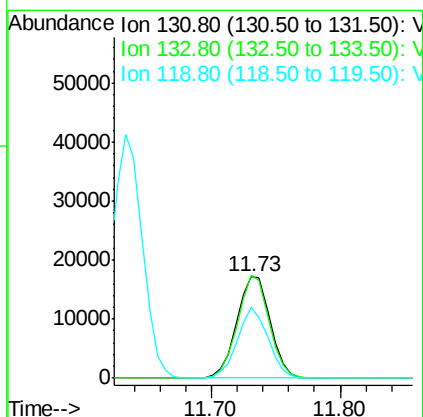
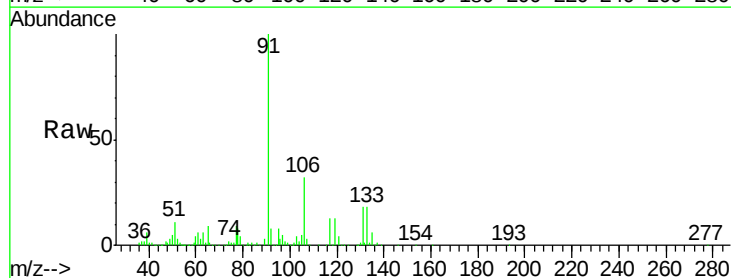
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

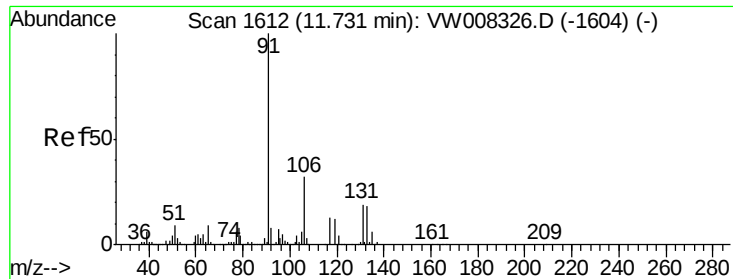
Tot Ion:112 Resp: 89605
Ion Ratio Lower Upper
112 100
114 32.2 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.319 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion:131 Resp: 30781
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 64.2 31.6 94.7

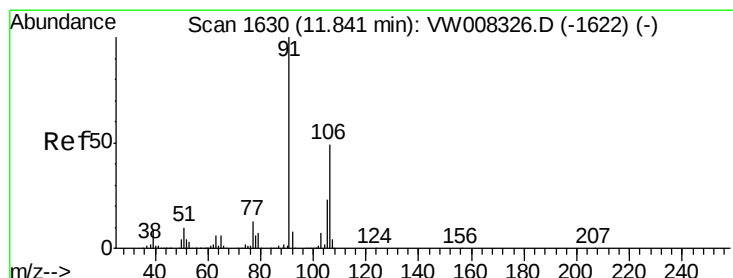
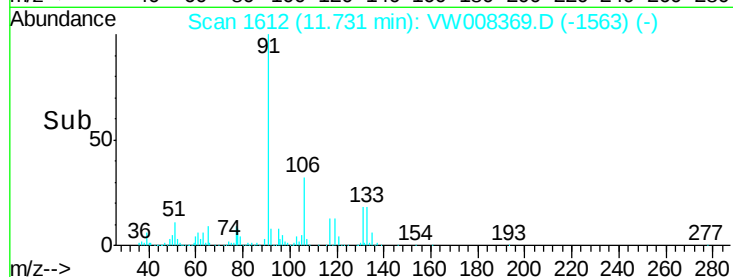
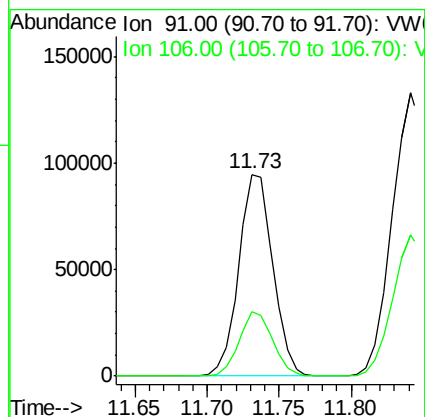
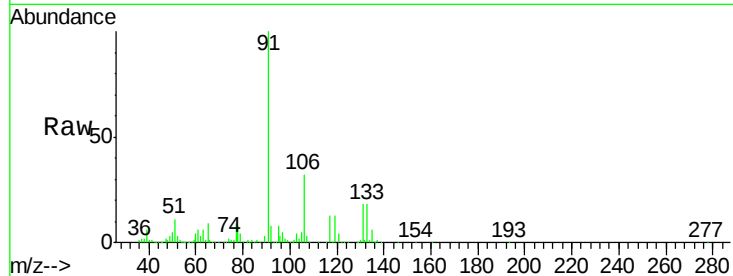




#67
Ethyl Benzene
Concen: 19.372 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

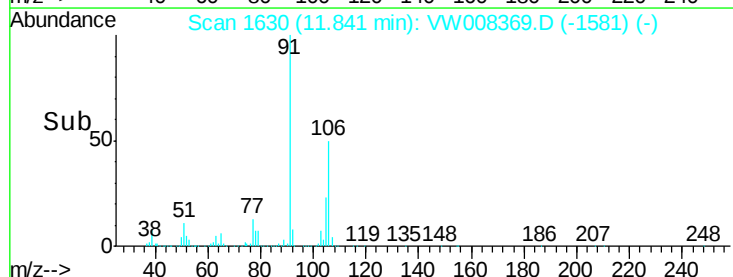
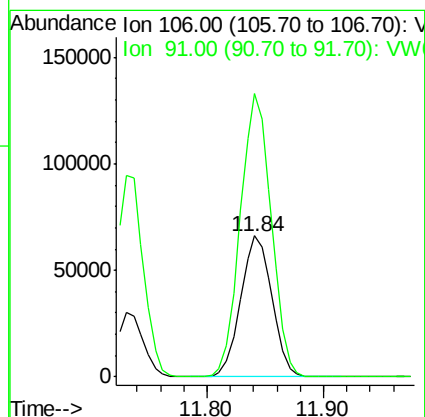
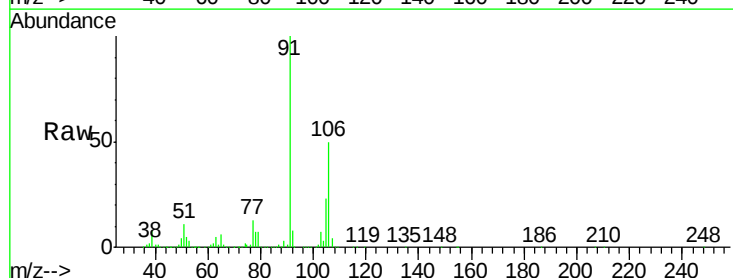
Instrument :
MSVOA_W
ClientSampled :
VW0121SBSD01

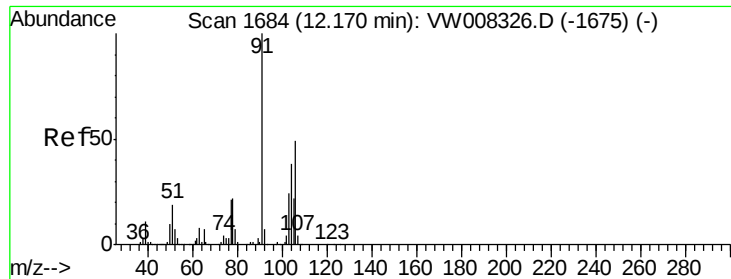
Tot Ion: 91 Resp: 155712
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 39.738 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion:106 Resp: 123980
Ion Ratio Lower Upper
106 100
91 198.6 158.4 237.6

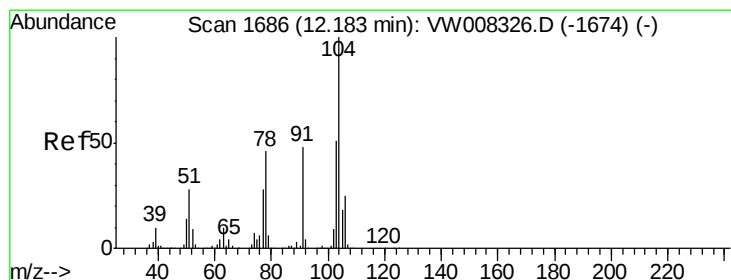
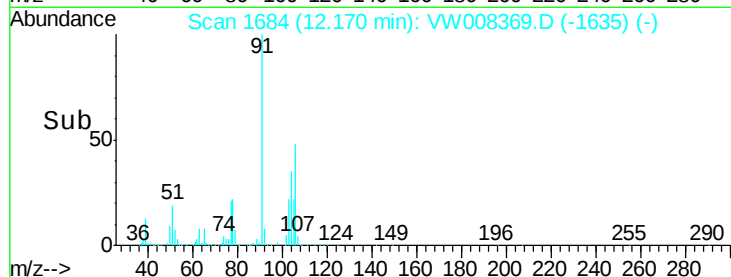
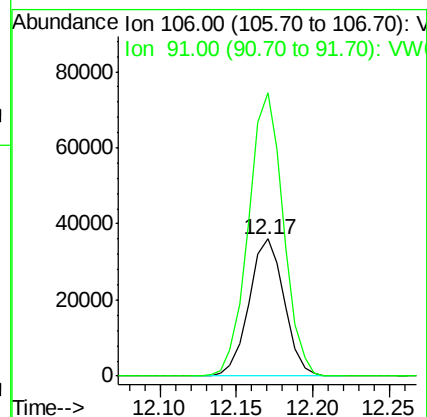
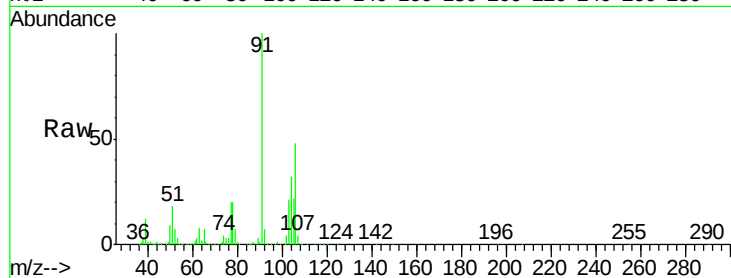




#69
o-Xylene
Concen: 19.787 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

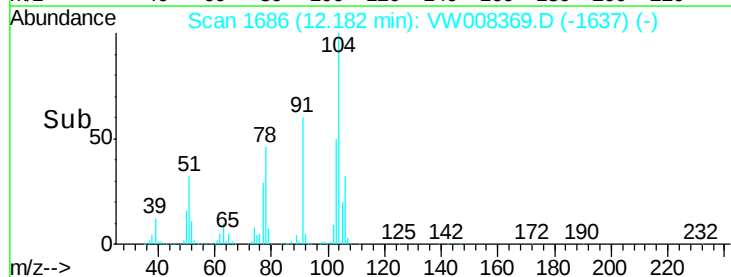
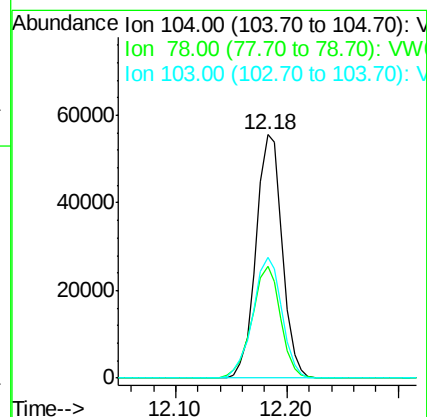
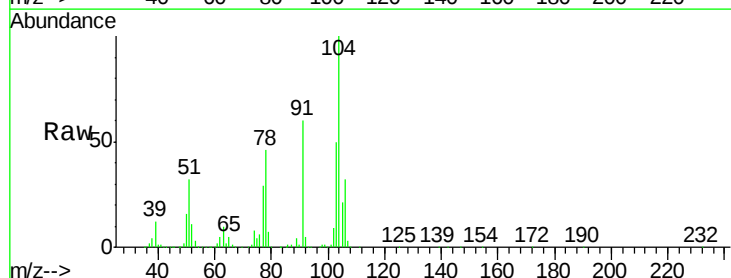
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

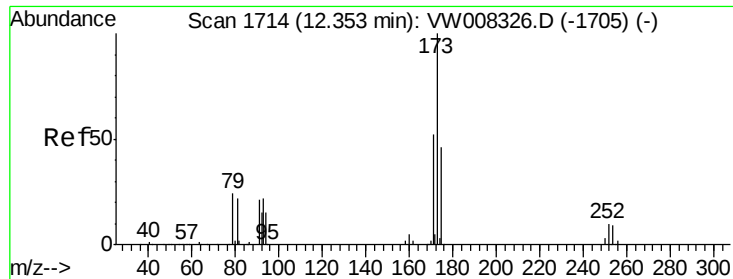
Tot Ion:106 Resp: 57677
Ion Ratio Lower Upper
106 100
91 204.5 104.1 312.3



#70
Styrene
Concen: 19.488 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion:104 Resp: 91242
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 55.2 44.0 66.0





#71

Bromoform

Concen: 17.750 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

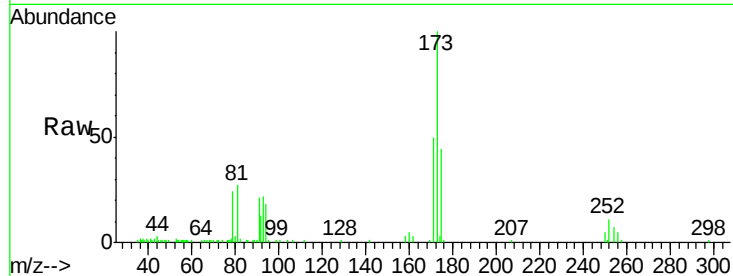
Tot Ion:173 Resp: 14089

Ion Ratio Lower Upper

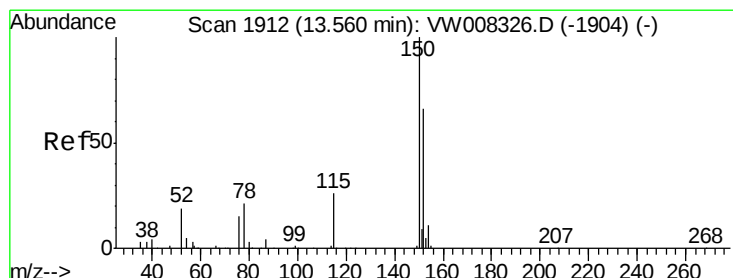
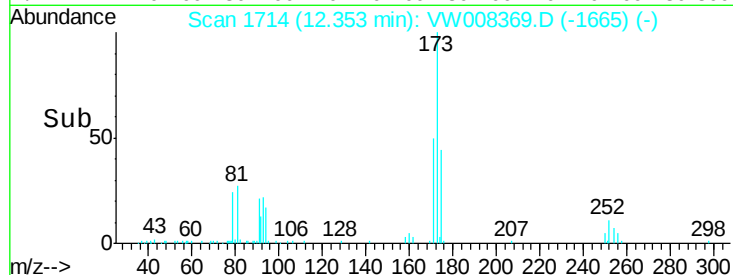
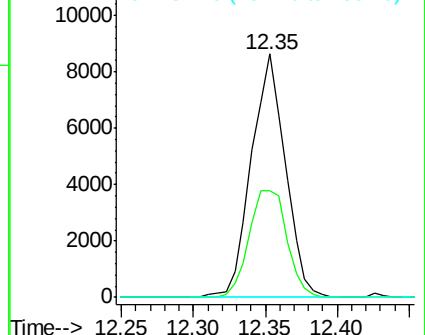
173 100

175 49.0 23.6 70.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

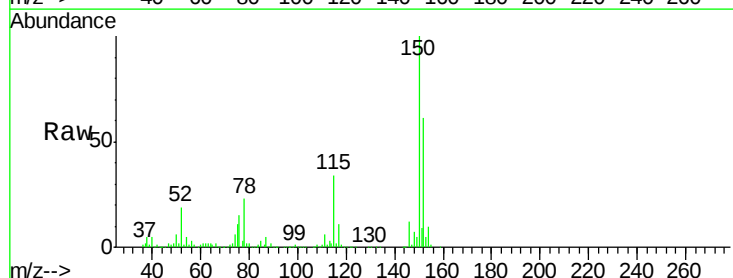
Tgt Ion:152 Resp: 108850

Ion Ratio Lower Upper

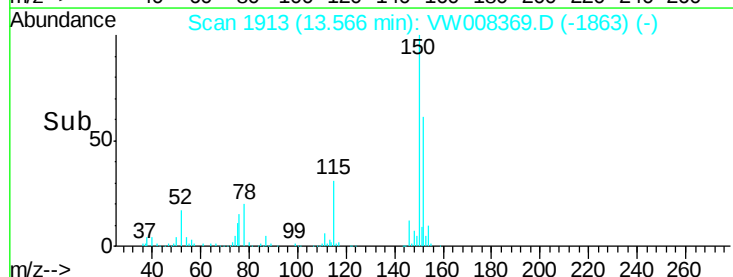
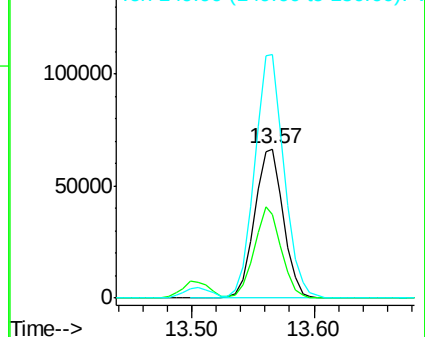
152 100

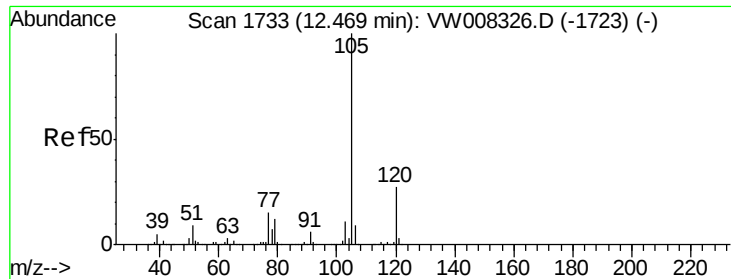
115 57.5 28.8 86.4

150 167.3 0.0 351.4



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





#73

Isopropylbenzene

Concen: 19.915 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

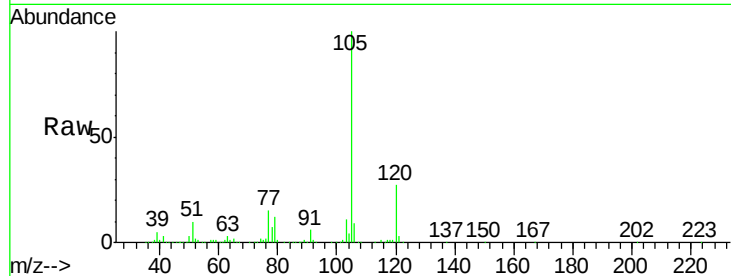
VW0121SBSD01

Tot Ion:105 Resp: 157948

Ion Ratio Lower Upper

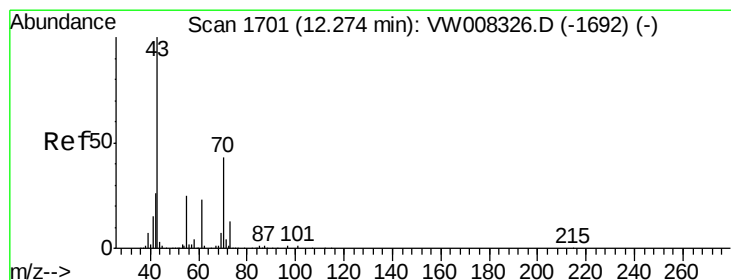
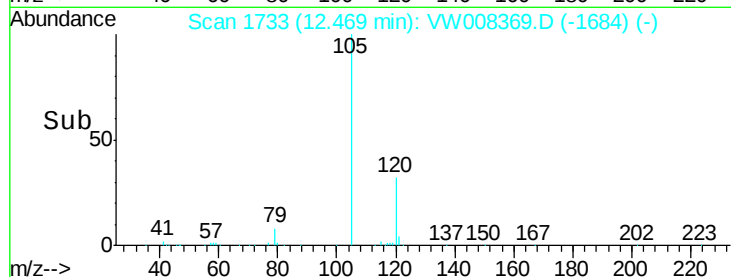
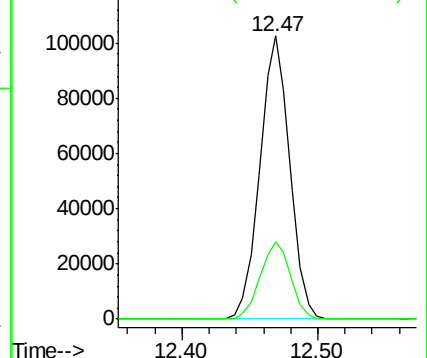
105 100

120 27.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.889 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Tgt Ion: 43 Resp: 28705

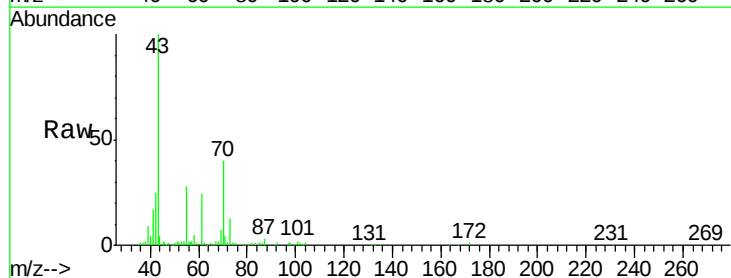
Ion Ratio Lower Upper

43 100

70 41.9 34.6 52.0

55 27.4 20.0 30.0

61 24.6 19.6 29.4

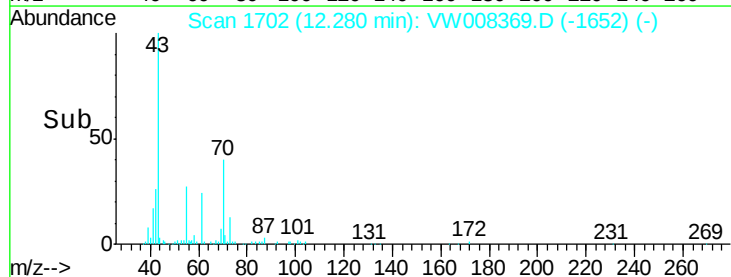
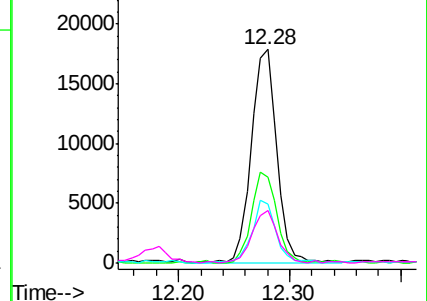


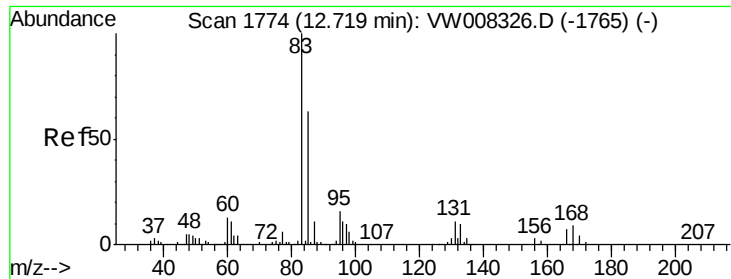
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.227 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

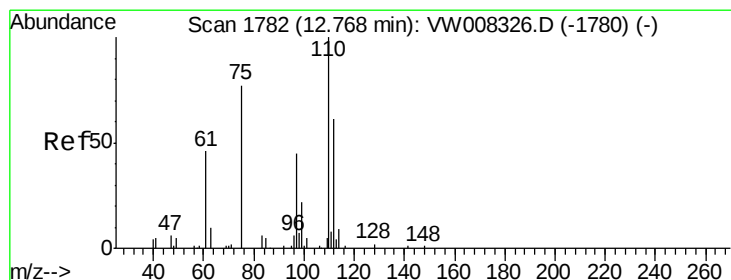
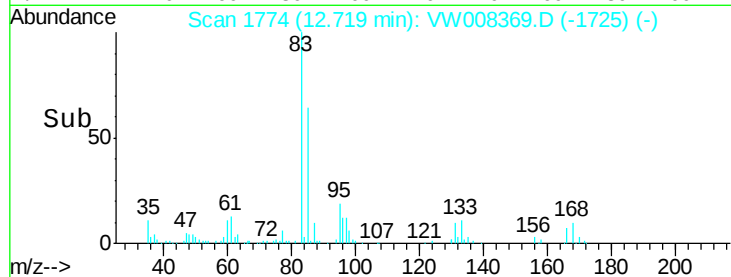
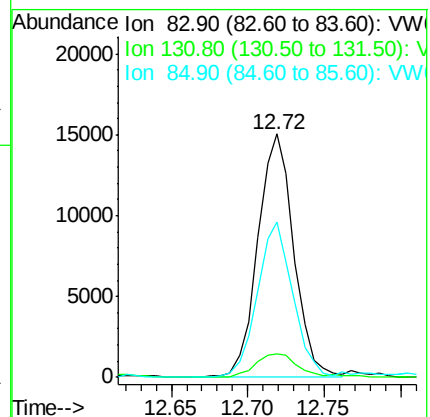
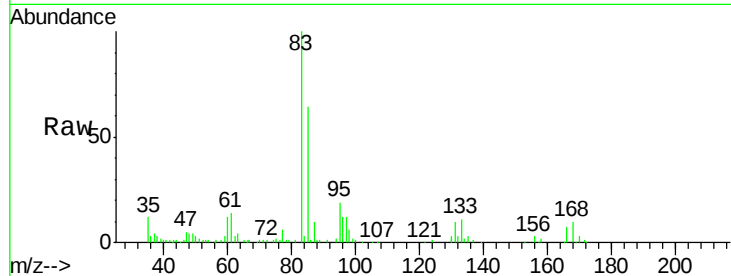
Tot Ion: 83 Resp: 24589

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.5

85 62.7 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 18.238 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008369.D

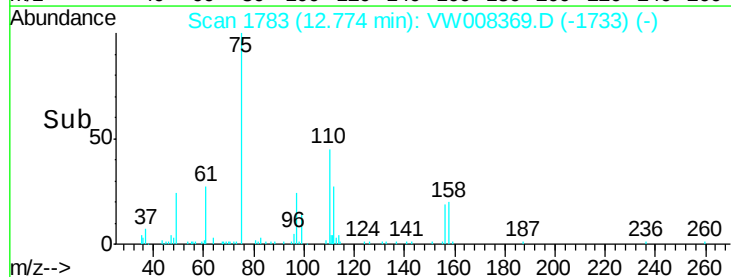
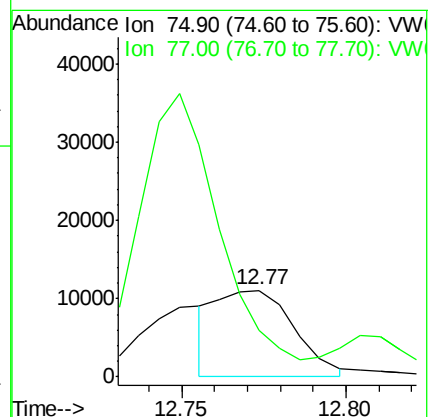
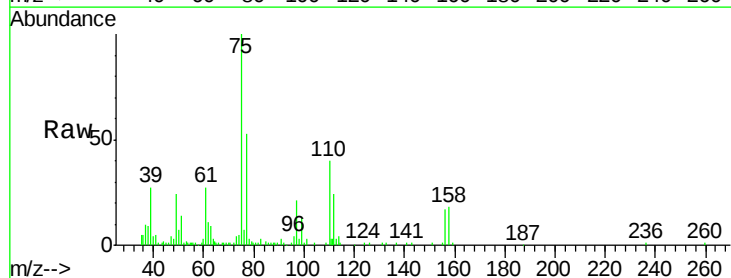
Acq: 21 Jan 2019 12:33

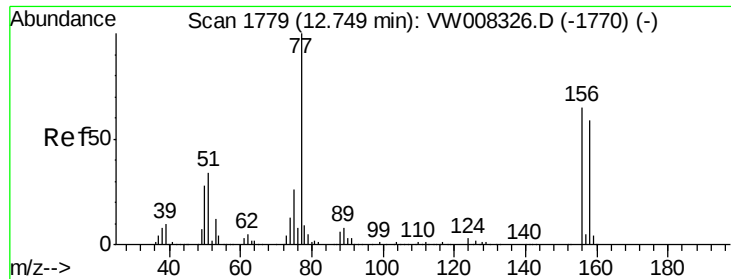
Tgt Ion: 75 Resp: 18078

Ion Ratio Lower Upper

75 100

77 0.0 175.3 526.1#





#77

Bromobenzene

Concen: 19.126 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

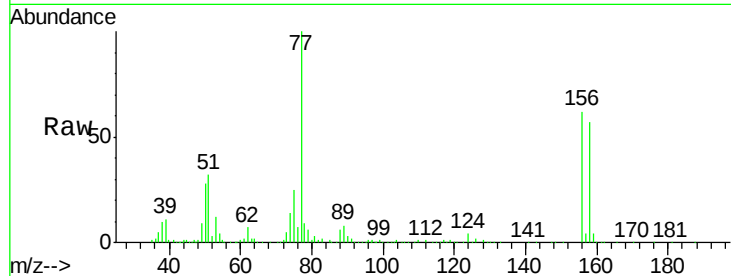
Tot Ion:156 Resp: 36436

Ion Ratio Lower Upper

156 100

77 173.2 88.3 264.9

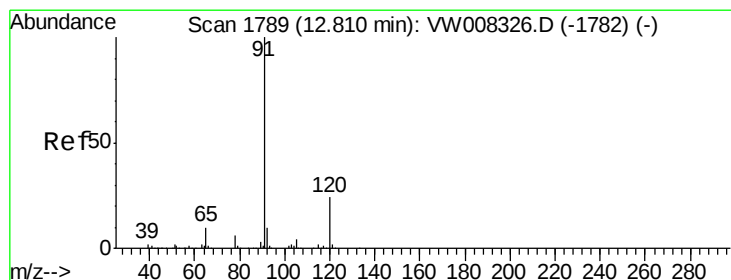
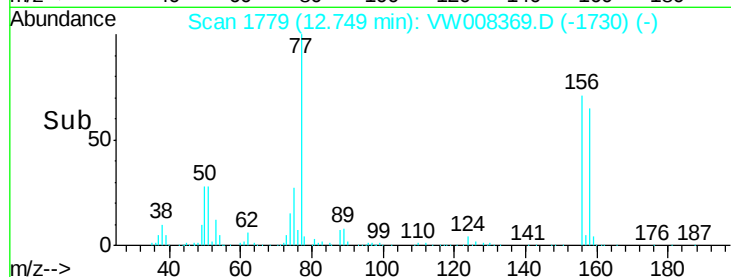
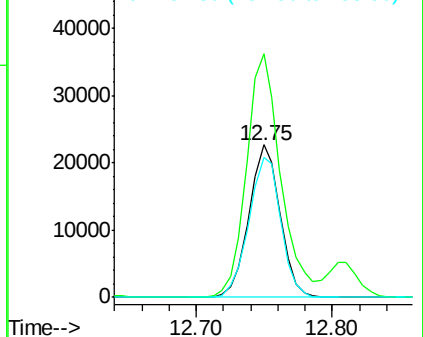
158 94.6 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.100 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008369.D

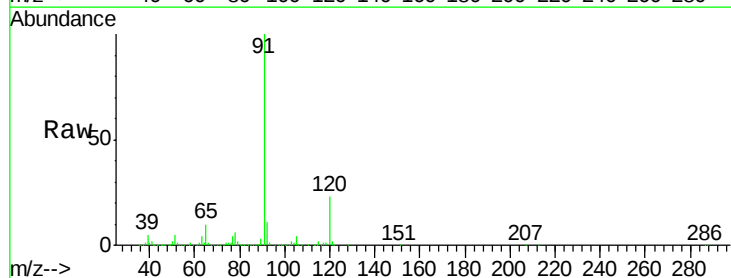
Acq: 21 Jan 2019 12:33

Tgt Ion: 91 Resp: 192950

Ion Ratio Lower Upper

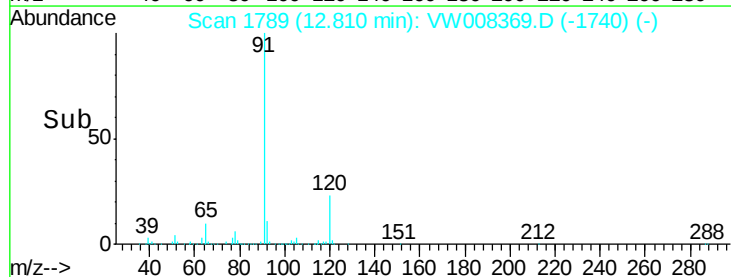
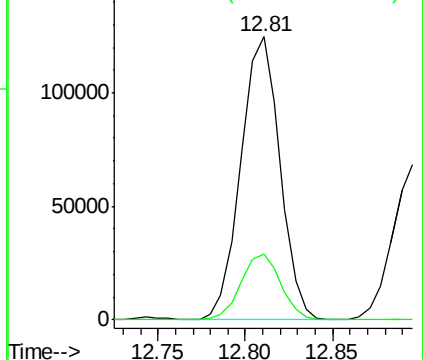
91 100

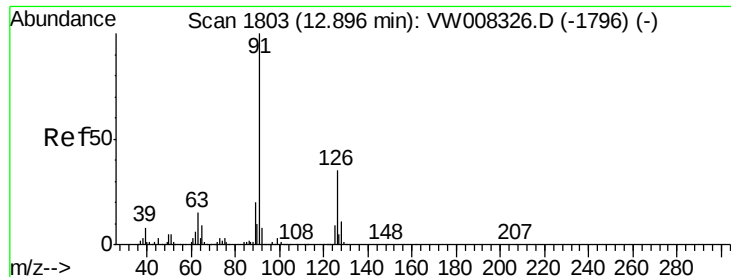
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.744 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

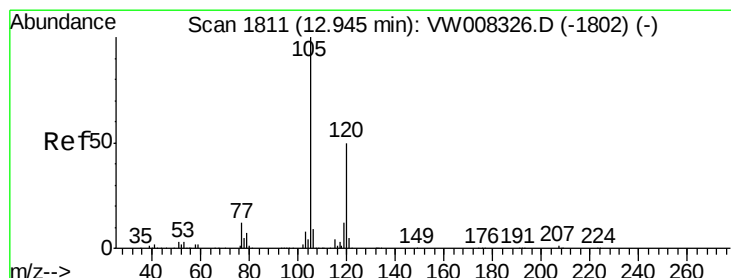
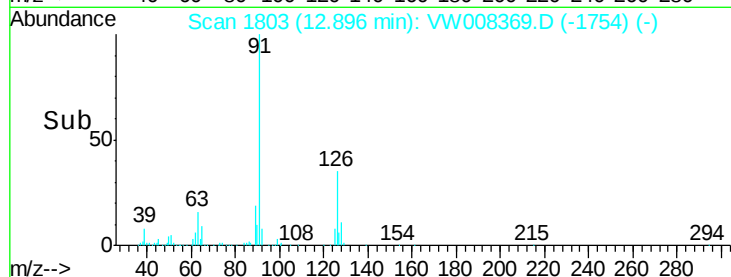
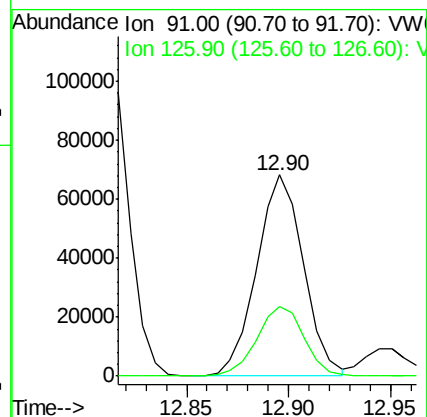
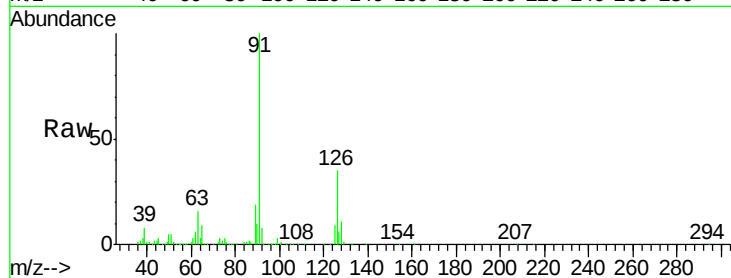
VW0121SBSD01

Tot Ion: 91 Resp: 108292

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 19.672 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008369.D

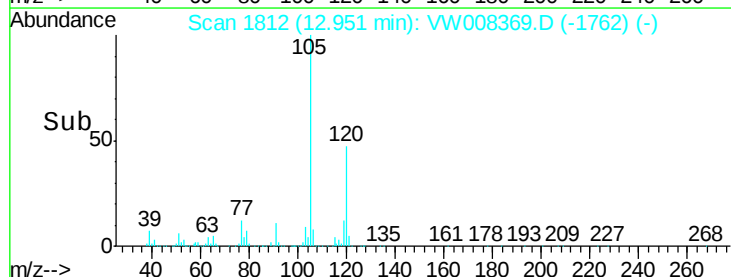
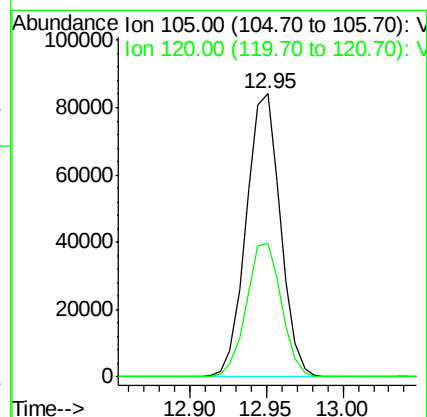
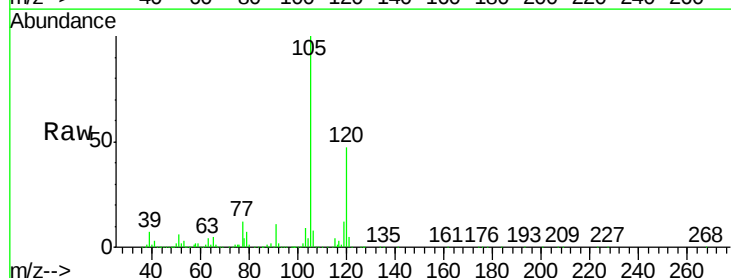
Acq: 21 Jan 2019 12:33

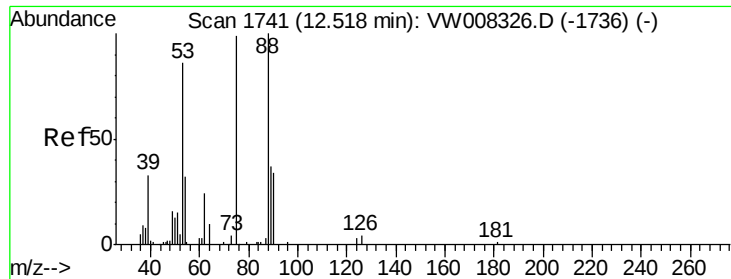
Tgt Ion: 105 Resp: 130193

Ion Ratio Lower Upper

105 100

120 48.5 25.6 76.8

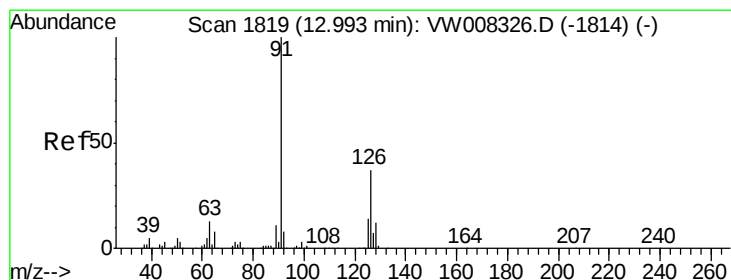
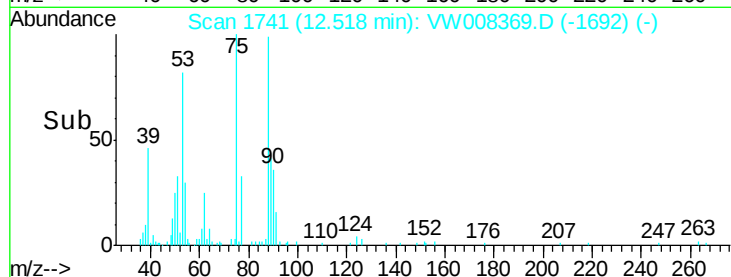
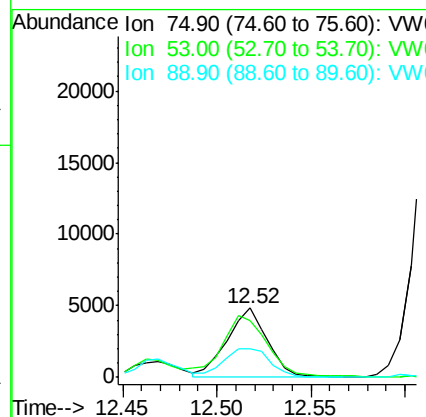
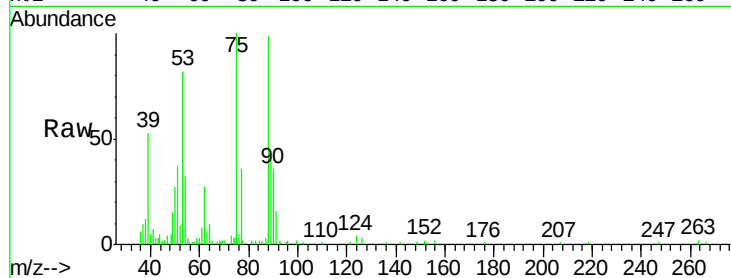




#81
trans-1,4-Dichloro-2-butene
Concen: 17.346 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

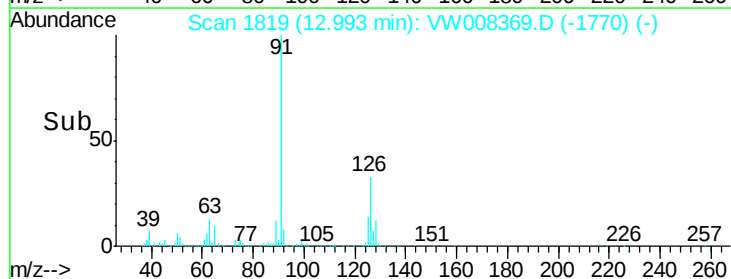
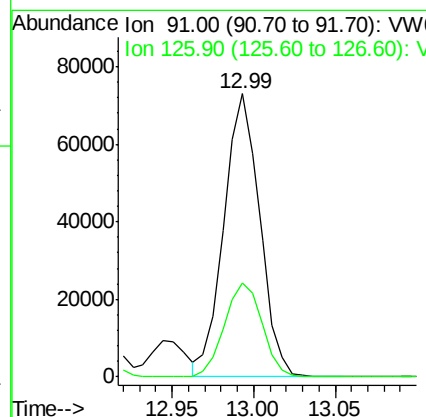
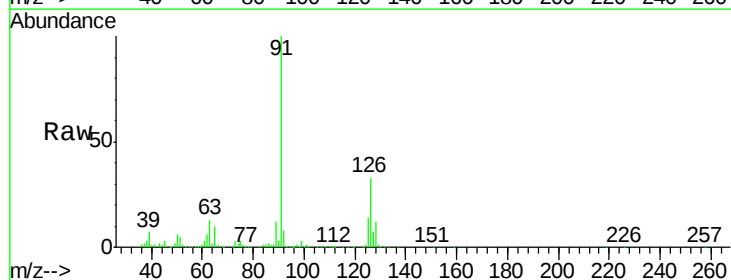
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

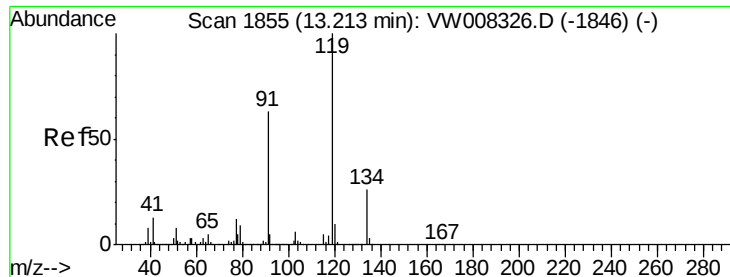
Tot Ion: 75 Resp: 7205
Ion Ratio Lower Upper
75 100
53 103.9 76.2 114.4
89 47.3 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 91 Resp: 111225
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3





#83

tert-Butylbenzene

Concen: 20.347 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

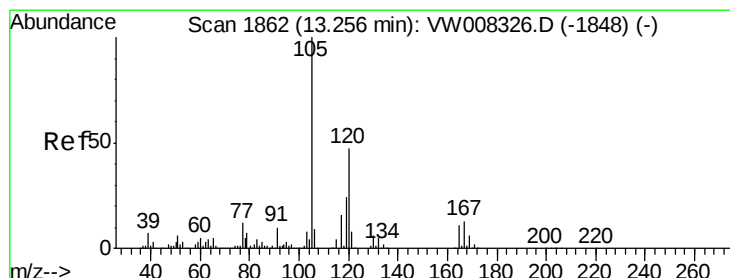
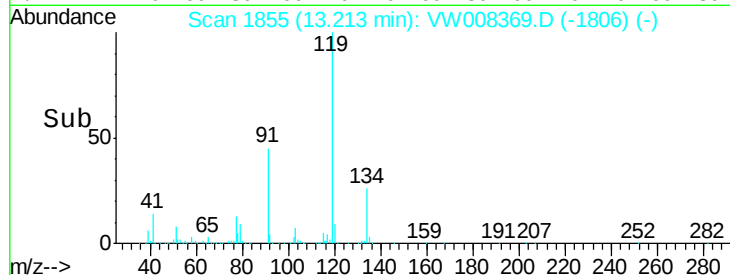
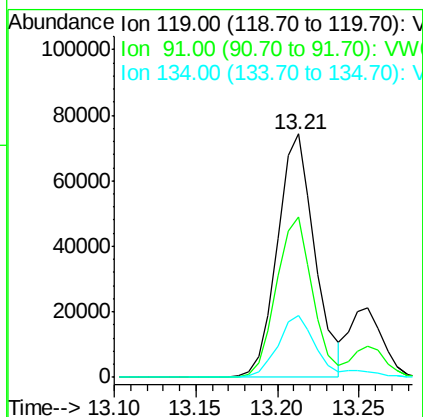
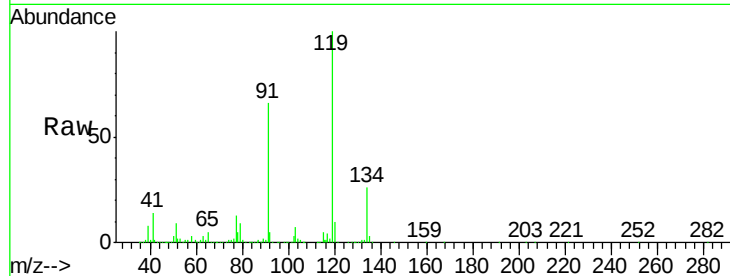
Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

Tot Ion:119 Resp: 118526

Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.4	97.0
134	27.6	13.9	41.7



#84

1,2,4-Trimethylbenzene

Concen: 20.098 ug/l

RT: 13.26 min Scan# 1862

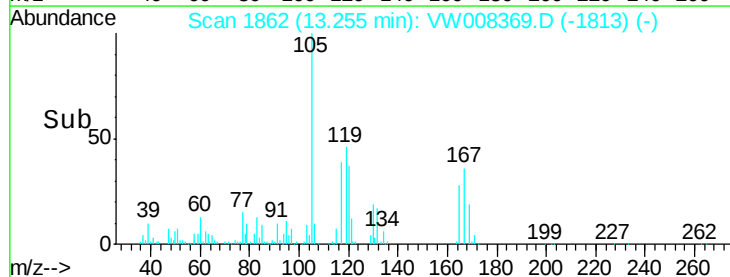
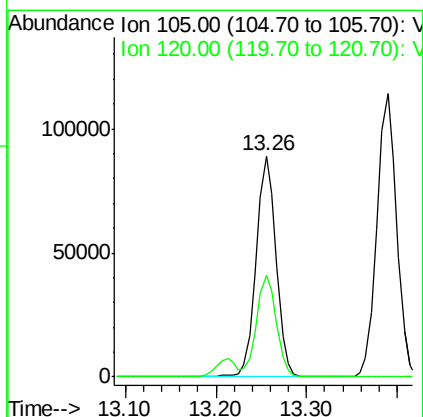
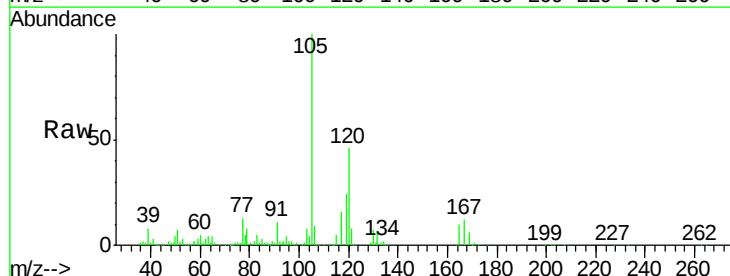
Delta R.T. -0.00 min

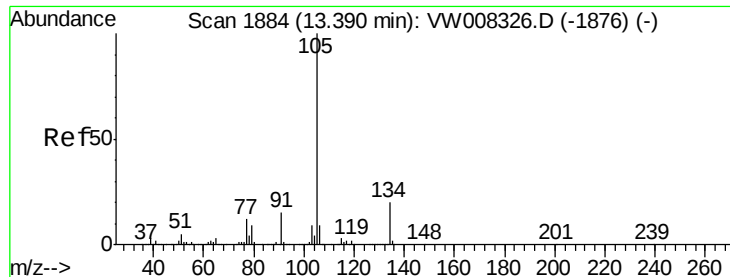
Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Tgt Ion:105 Resp: 135502

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.5	70.6





#85

sec-Butylbenzene

Concen: 20.563 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

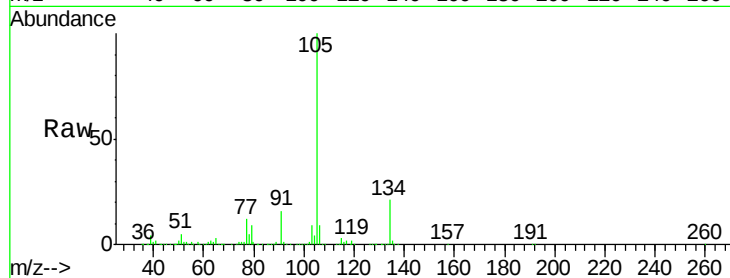
VW0121SBSD01

Tot Ion:105 Resp: 171978

Ion Ratio Lower Upper

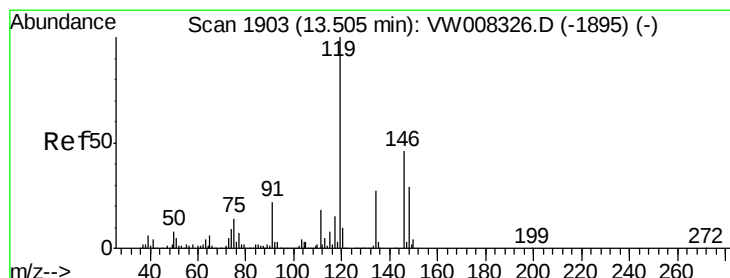
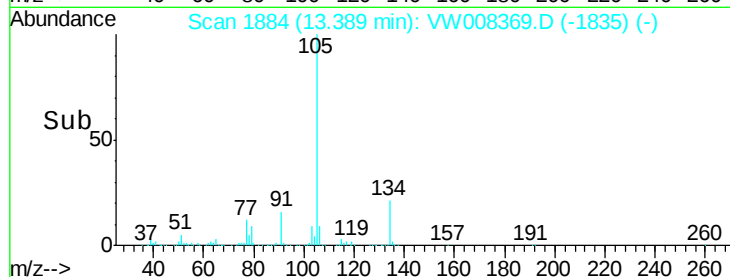
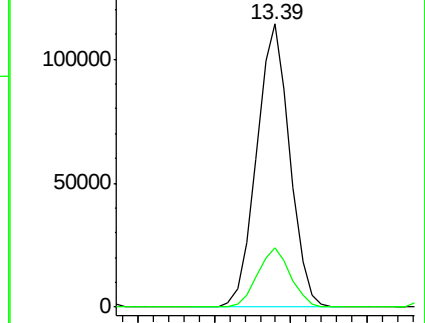
105 100

134 20.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.779 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

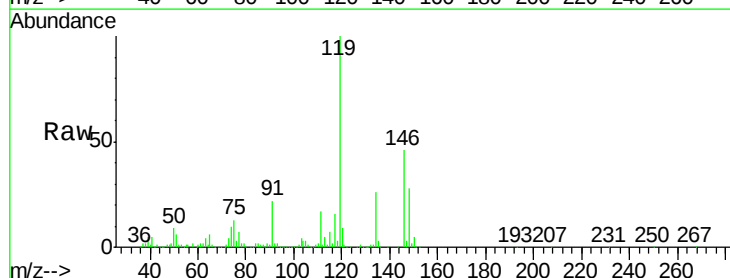
Tgt Ion:119 Resp: 151784

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.0

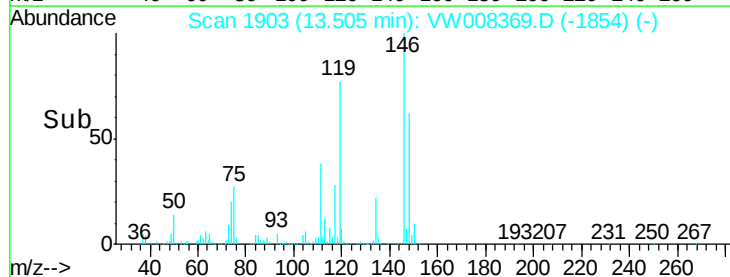
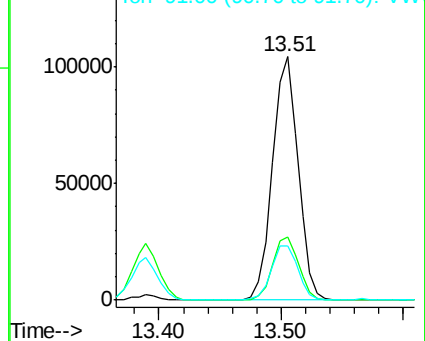
91 23.2 11.4 34.2

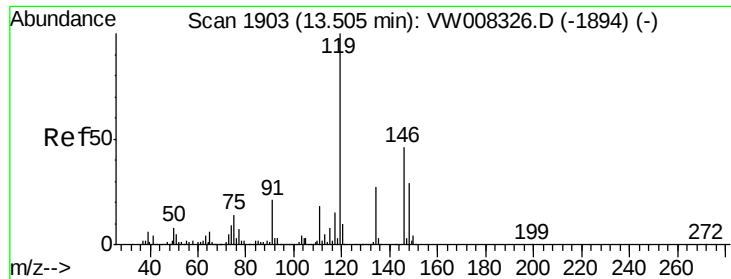


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

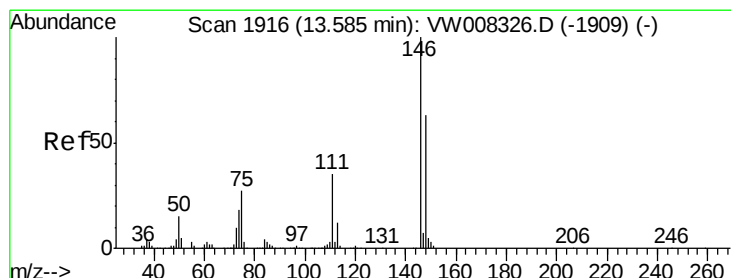
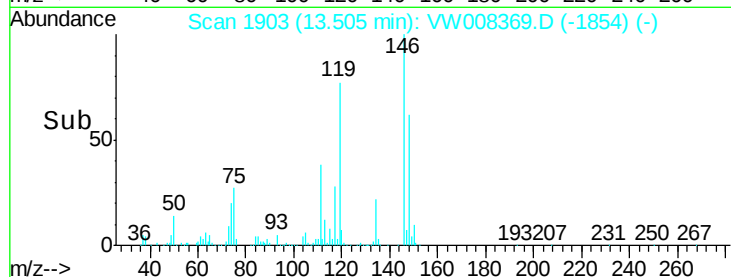
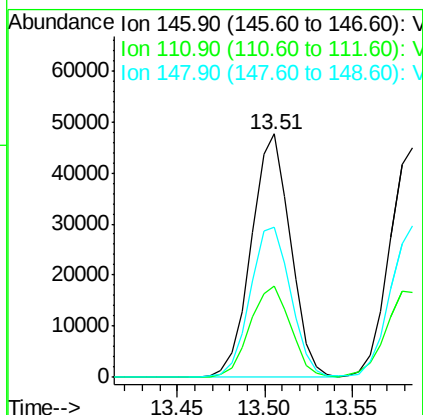
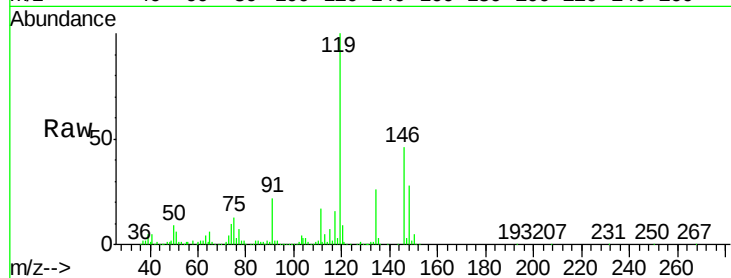




#87
 1,3-Dichlorobenzene
 Concen: 19.583 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

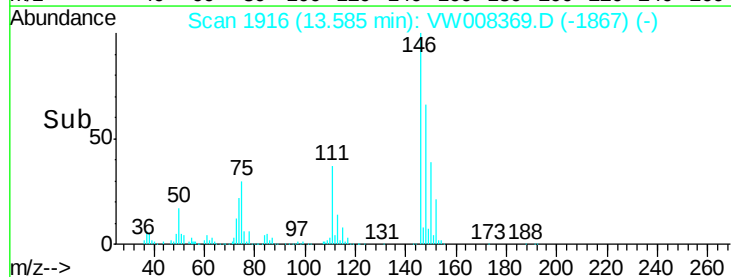
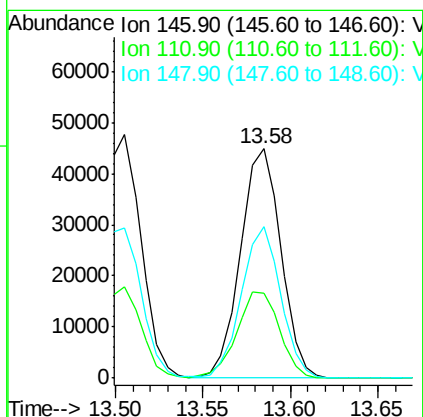
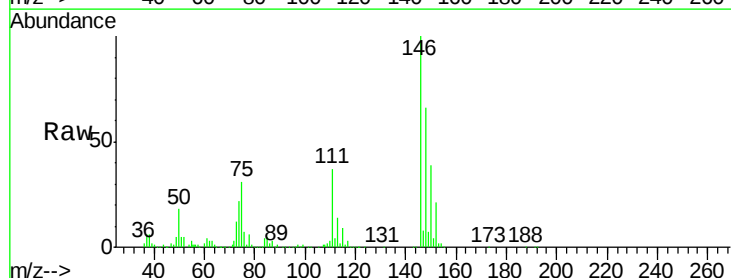
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

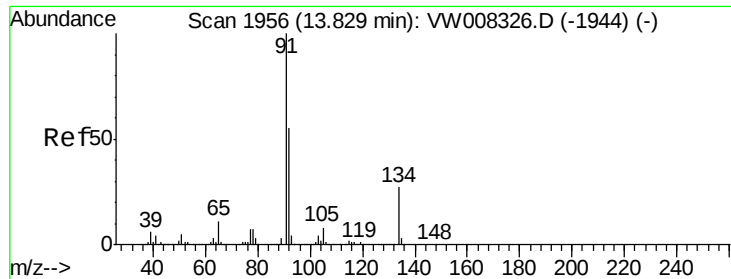
Tot Ion:146 Resp: 74123
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 64.0 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion:146 Resp: 72306
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.5
 148 64.6 31.6 94.8

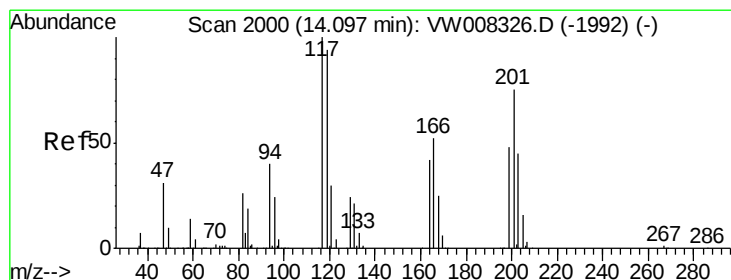
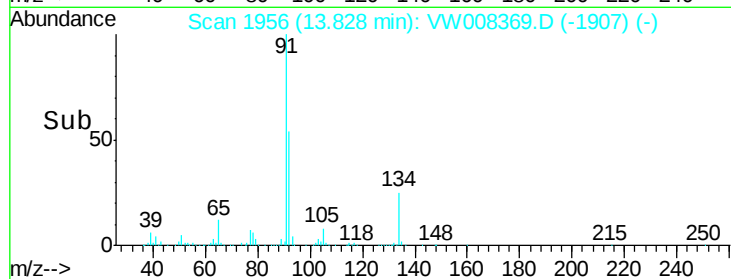
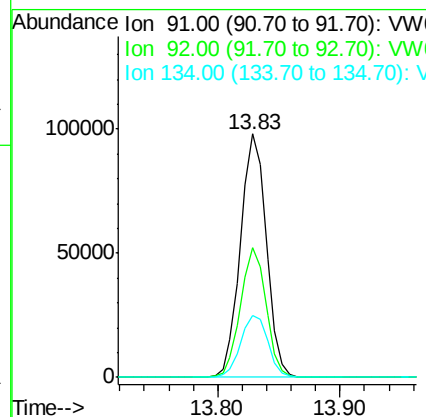
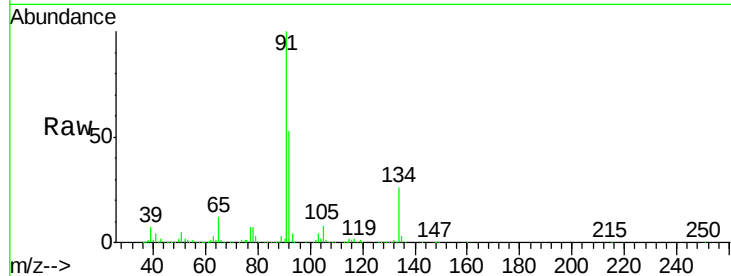




#89
n-Butylbenzene
Concen: 20.505 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

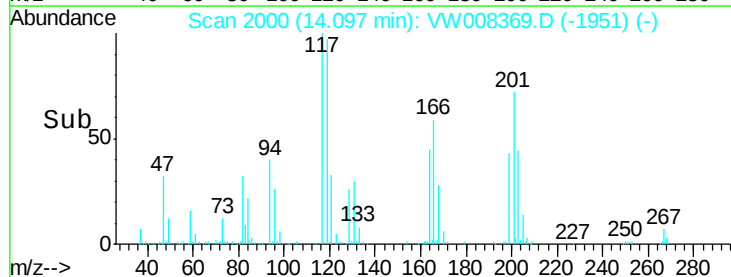
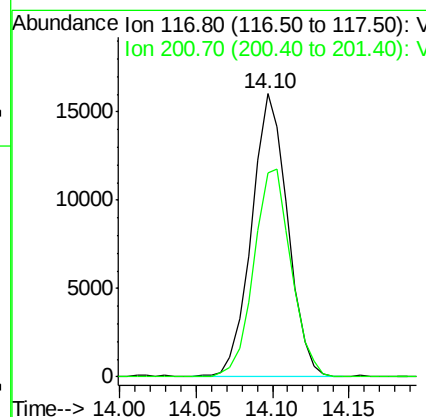
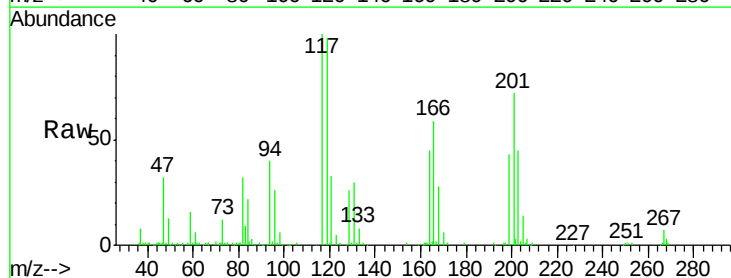
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

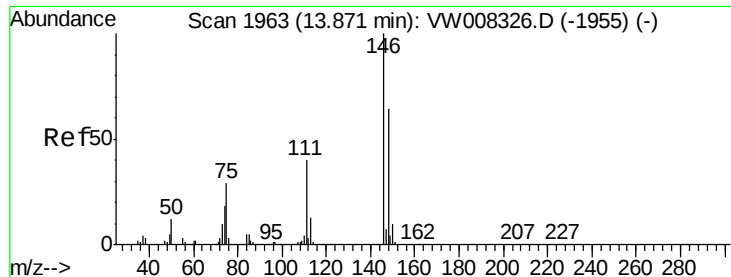
Tot Ion: 91 Resp: 143676
Ion Ratio Lower Upper
91 100
92 52.6 27.2 81.6
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 19.429 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion: 117 Resp: 26265
Ion Ratio Lower Upper
117 100
201 76.0 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.119 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBSD01

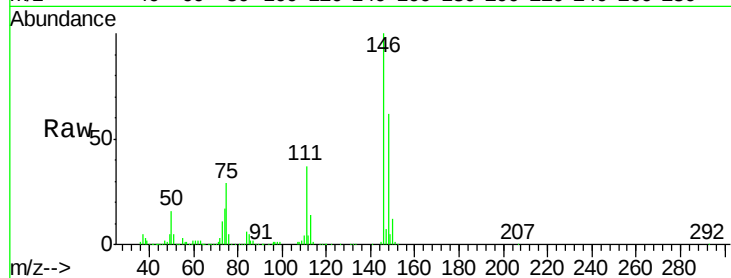
Tot Ion:146 Resp: 63895

Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.8

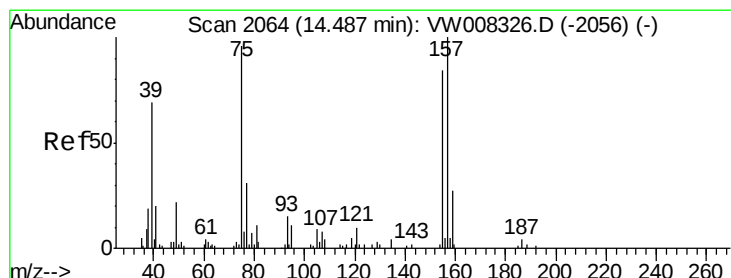
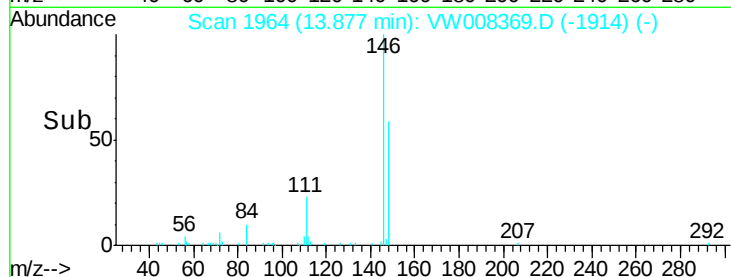
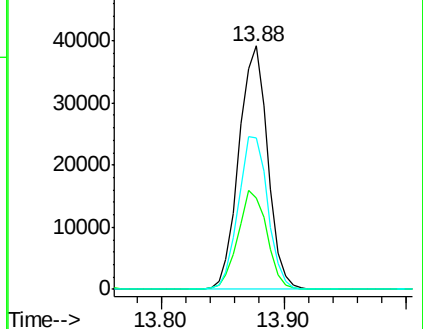
148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.435 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008369.D

Acq: 21 Jan 2019 12:33

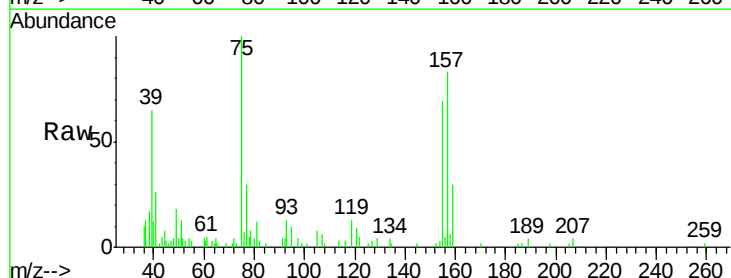
Tgt Ion: 75 Resp: 3846

Ion Ratio Lower Upper

75 100

155 77.8 44.7 134.1

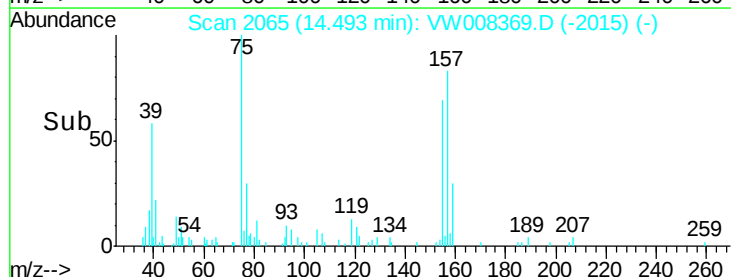
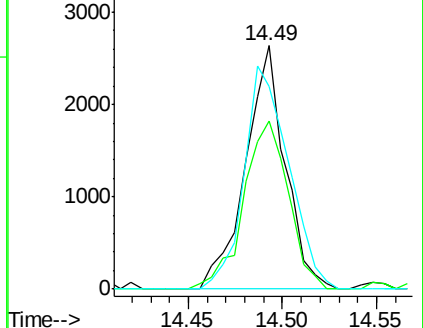
157 103.0 53.9 161.8

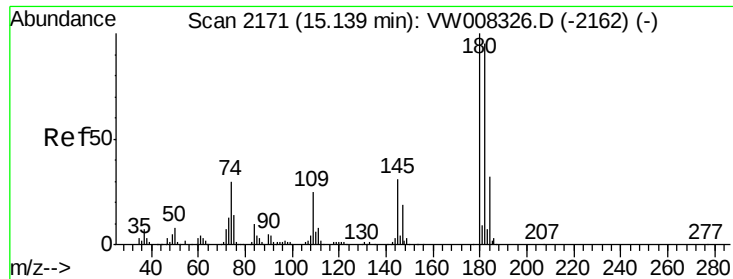


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

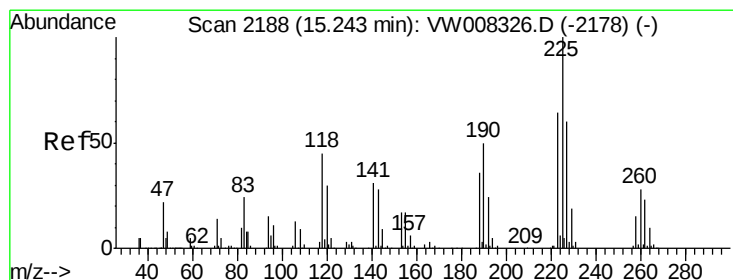
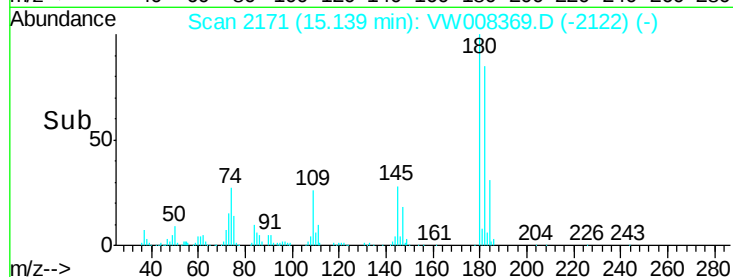
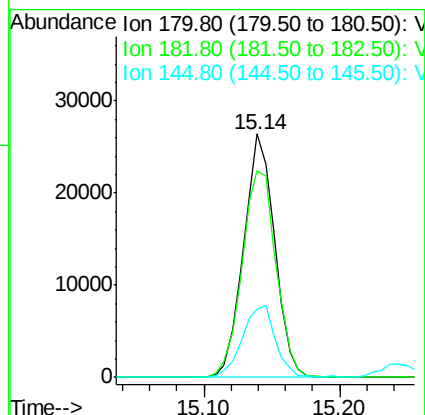
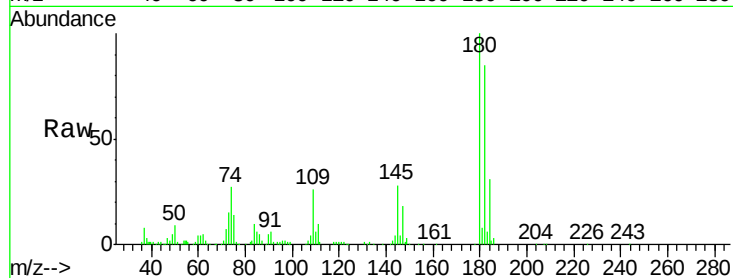




#93
 1,2,4-Trichlorobenzene
 Concen: 18.613 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

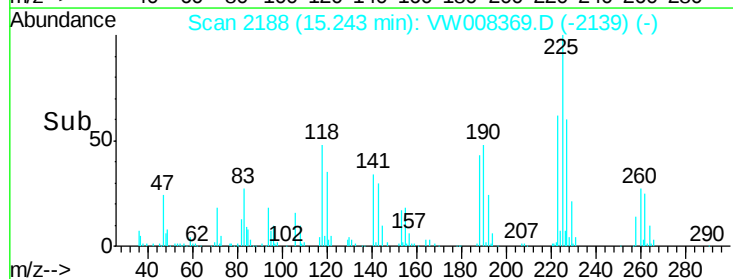
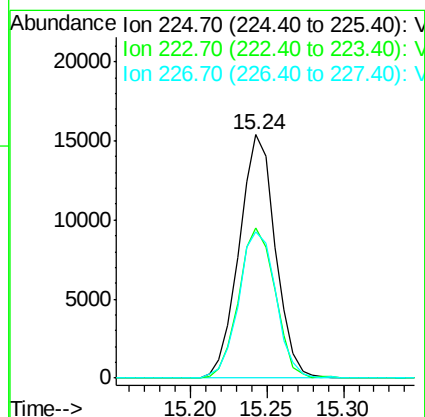
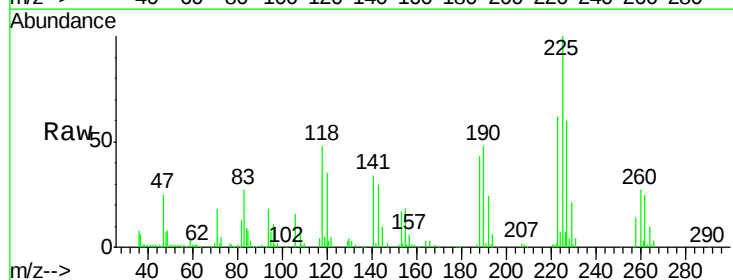
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBS01

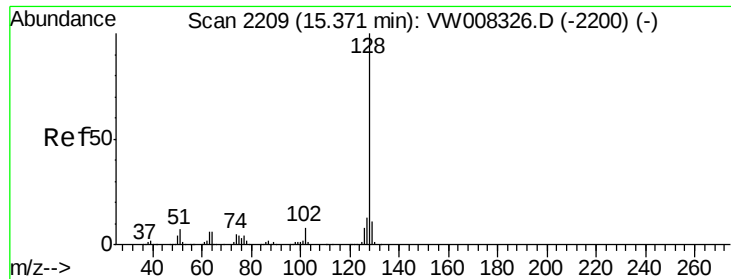
Tot Ion:180 Resp: 42107
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.6 142.8
 145 31.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.811 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008369.D
 Acq: 21 Jan 2019 12:33

Tgt Ion:225 Resp: 25258
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.3
 227 62.0 30.3 90.8

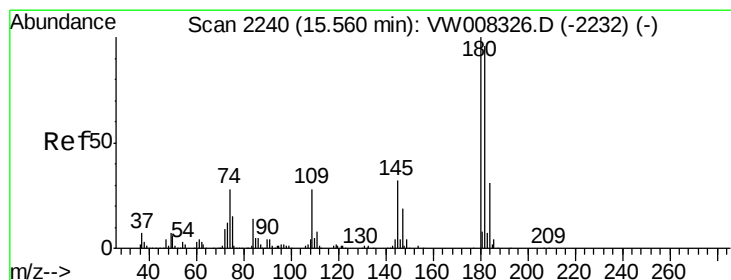
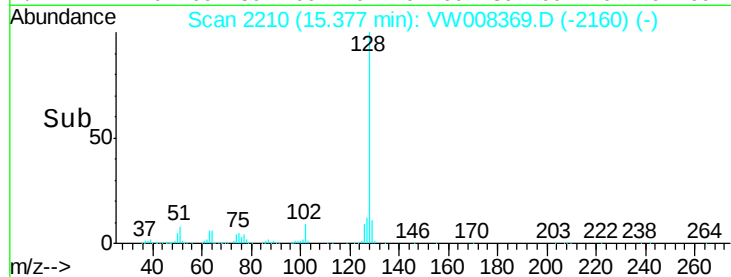
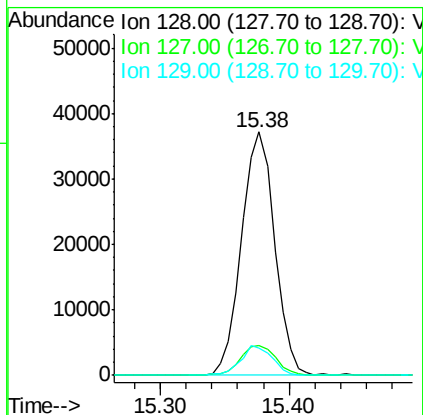
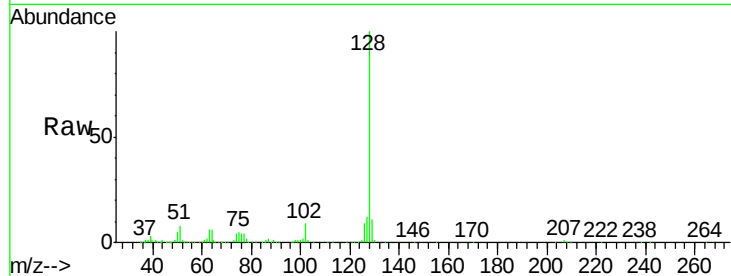




#95
Naphthalene
Concen: 17.440 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBSD01

Tot Ion:128 Resp: 66217
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.699 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW008369.D
Acq: 21 Jan 2019 12:33

Tgt Ion:180 Resp: 36845
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 33.1 16.2 48.6

