

Data File : VW008331.D
Acq On : 17 Jan 2019 16:39
Operator : SY/VA
Sample : VW0117SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Quant Time: Jan 18 01:05:49 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	109855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	179115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54403	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	56847	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.32	98	233438	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	80126	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	13004	18.787	ug/l	99
3) Chloromethane	2.21	50	18422	18.155	ug/l	95
4) Vinyl Chloride	2.37	62	25512	19.678	ug/l	90
5) Bromomethane	2.78	94	18783	19.117	ug/l	92
6) Chloroethane	2.93	64	16810	19.809	ug/l	89
7) Trichlorofluoromethane	3.26	101	16824	17.673	ug/l	92
8) Diethyl Ether	3.67	74	11807	17.886	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21683	19.564	ug/l	94
10) Methyl Iodide	4.26	142	32651	18.267	ug/l	99
11) Tert butyl alcohol	5.17	59	7356	95.605	ug/l	100
12) 1,1-Dichloroethene	4.03	96	21692	19.244	ug/l	90
13) Acrolein	3.89	56	4694	64.851	ug/l	96
14) Allyl chloride	4.67	41	34473	18.294	ug/l	99
15) Acrylonitrile	5.37	53	22041	86.922	ug/l	98
16) Acetone	4.12	43	22862	86.146	ug/l	98
17) Carbon Disulfide	4.37	76	60069	17.513	ug/l	100
18) Methyl Acetate	4.67	43	12387	17.473	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	30116	17.453	ug/l	94
20) Methylene Chloride	4.91	84	25689	18.636	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	23312	18.414	ug/l	87
22) Diisopropyl ether	6.31	45	69591	18.916	ug/l	99
23) Vinyl Acetate	6.26	43	172730	87.832	ug/l	100
24) 1,1-Dichloroethane	6.21	63	41938	18.722	ug/l	98
25) 2-Butanone	7.17	43	28679	84.373	ug/l	97
26) 2,2-Dichloropropane	7.17	77	28209	19.733	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	25704	18.739	ug/l	98
28) Bromochloromethane	7.51	49	15884	17.211	ug/l #	97
29) Tetrahydrofuran	7.53	42	17958	84.746	ug/l	99
30) Chloroform	7.67	83	42500	19.176	ug/l	98
31) Cyclohexane	7.95	56	39412	18.466	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	36055	19.384	ug/l	97
36) 1,1-Dichloropropene	8.08	75	33994	18.864	ug/l	100
37) Ethyl Acetate	7.25	43	12400	16.686	ug/l	97
38) Carbon Tetrachloride	8.07	117	32122	18.052	ug/l	95

Data File : VW008331.D
Acq On : 17 Jan 2019 16:39
Operator : SY/VA
Sample : VW0117SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Quant Time: Jan 18 01:05:49 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)
39) Methylcyclohexane	9.34	83	39232	18.302	ug/l	94
40) Benzene	8.32	78	95693	18.746	ug/l	99
41) Methacrylonitrile	7.48	41	7322	16.926	ug/l	95
42) 1,2-Dichloroethane	8.40	62	26234	18.379	ug/l	100
43) Isopropyl Acetate	8.42	43	23528	16.761	ug/l	99
44) Trichloroethene	9.09	130	26224	18.751	ug/l	96
45) 1,2-Dichloropropane	9.37	63	23628	18.634	ug/l	99
46) Dibromomethane	9.46	93	11917	18.033	ug/l	95
47) Bromodichloromethane	9.64	83	30352	18.620	ug/l	98
48) Methyl methacrylate	9.43	41	10686	16.171	ug/l	94
49) 1,4-Dioxane	9.45	88	3673	345.254	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	59304	83.436	ug/l	100
52) Toluene	10.39	92	61026	18.891	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	28481	17.506	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	35173	18.339	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	16535	18.039	ug/l	94
56) Ethyl methacrylate	10.65	69	18030	16.749	ug/l	94
57) 1,3-Dichloropropane	10.93	76	29007	18.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	48808	93.997	ug/l	100
59) 2-Hexanone	10.97	43	41139	82.606	ug/l	98
60) Dibromochloromethane	11.13	129	19702	18.010	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15299	17.236	ug/l	96
64) Tetrachloroethene	10.86	164	20757	18.072	ug/l	99
65) Chlorobenzene	11.66	112	66664	18.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22657	18.424	ug/l	98
67) Ethyl Benzene	11.73	91	117731	18.977	ug/l	97
68) m/p-Xylenes	11.84	106	93549	38.849	ug/l	98
69) o-Xylene	12.17	106	42097	18.712	ug/l	99
70) Styrene	12.18	104	68785	19.035	ug/l	99
71) Bromoform	12.35	173	10567	17.249	ug/l #	97
73) Isopropylbenzene	12.47	105	116782	19.377	ug/l	100
74) N-amyl acetate	12.27	43	21824	16.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18336	17.886	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23712	31.479	ug/l	33
77) Bromobenzene	12.75	156	26733	18.466	ug/l	97
78) n-propylbenzene	12.80	91	141593	19.410	ug/l	100
79) 2-Chlorotoluene	12.90	91	79965	19.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	98327	19.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5586	17.697	ug/l	96
82) 4-Chlorotoluene	12.99	91	84503	19.402	ug/l	98
83) tert-Butylbenzene	13.21	119	85924	19.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	100969	19.707	ug/l	99
85) sec-Butylbenzene	13.39	105	123601	19.448	ug/l	100
86) p-Isopropyltoluene	13.50	119	107766	19.414	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	54641	18.996	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	53411	18.534	ug/l	96
89) n-Butylbenzene	13.83	91	104143	19.559	ug/l	100
90) Hexachloroethane	14.10	117	18781	18.282	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	47361	18.649	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	2698	16.095	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\
Quantitation Report (Not Reviewed)

Data File : VW008331.D
Acq On : 17 Jan 2019 16:39
Operator : SY/VA
Sample : VW0117SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Quant Time: Jan 18 01:05:49 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

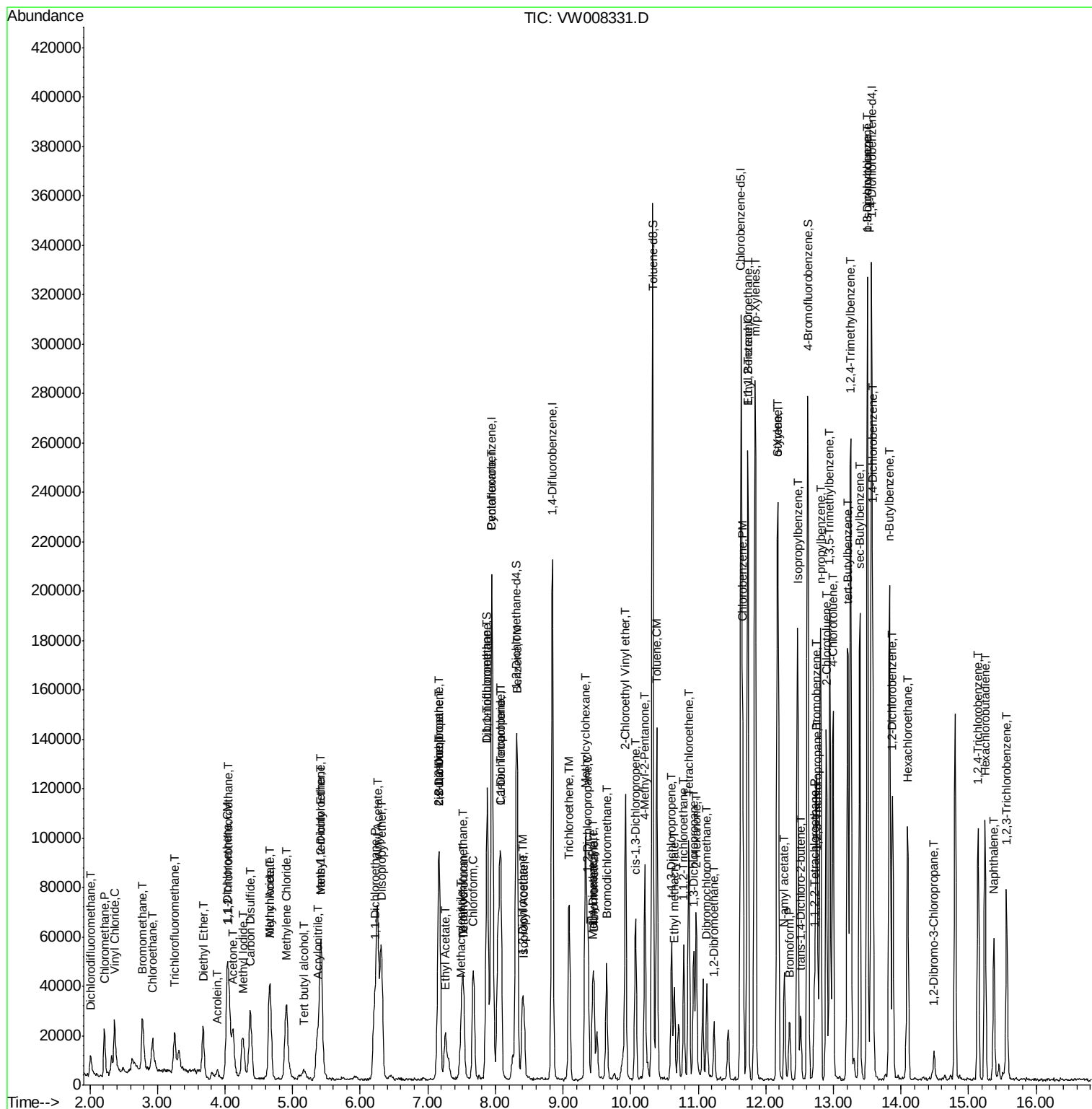
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31666	18.420	ug/l	98
94) Hexachlorobutadiene	15.24	225	18340	18.929	ug/l	98
95) Naphthalene	15.38	128	49053	17.059	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	27014	18.041	ug/l	96

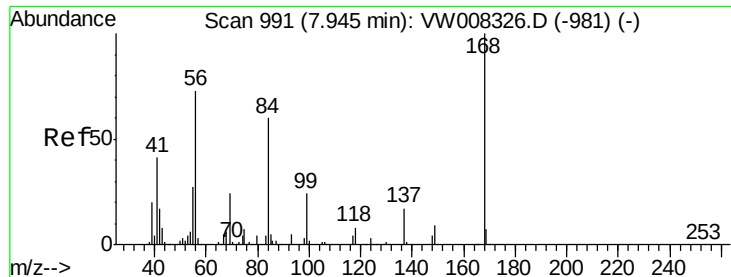
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008331.D
Acq On : 17 Jan 2019 16:39
Operator : SY/VA
Sample : VW0117SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VW0117SBS01

Quant Time: Jan 18 01:05:49 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

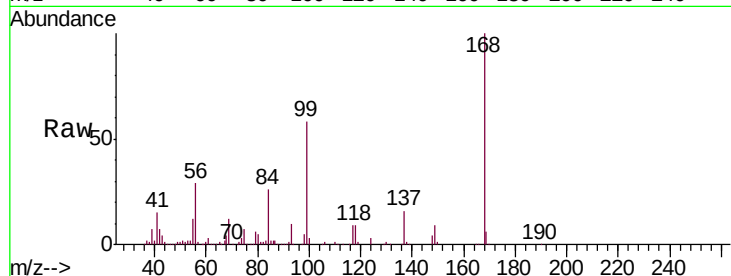
VW0117SBS01

Tgt Ion:168 Resp: 109855

Ion Ratio Lower Upper

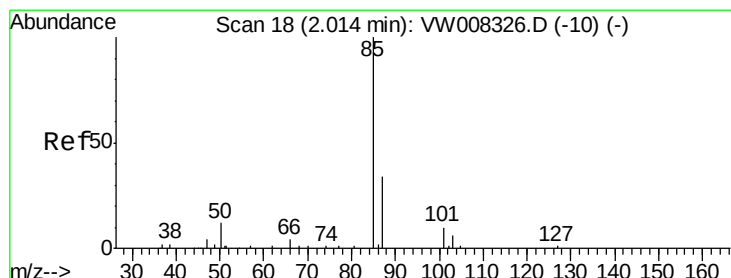
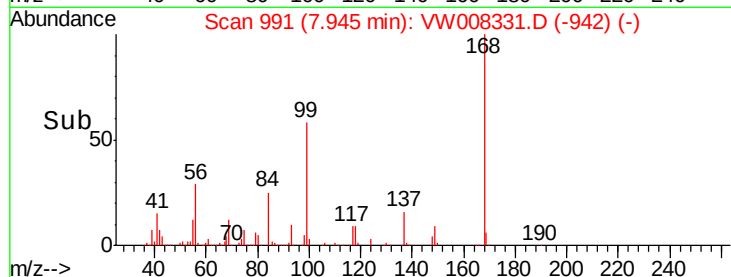
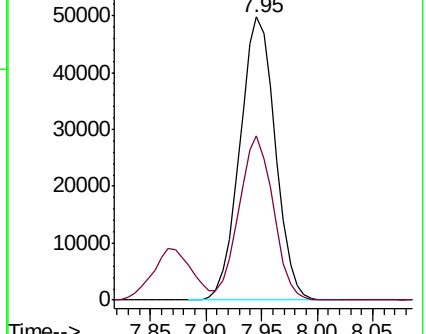
168 100

99 58.0 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: 18.787 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008331.D

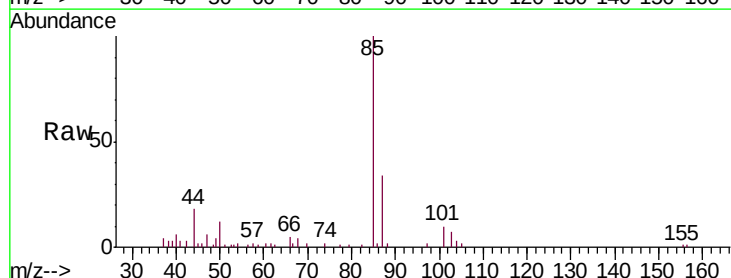
Acq: 17 Jan 2019 16:39

Tgt Ion: 85 Resp: 13004

Ion Ratio Lower Upper

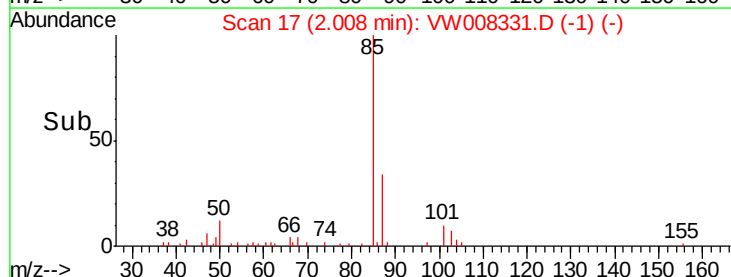
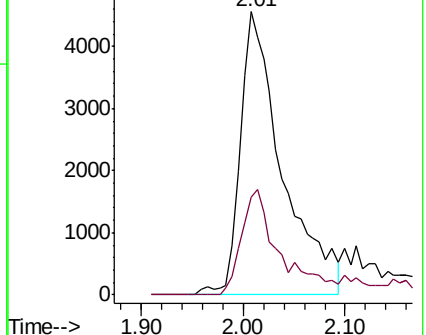
85 100

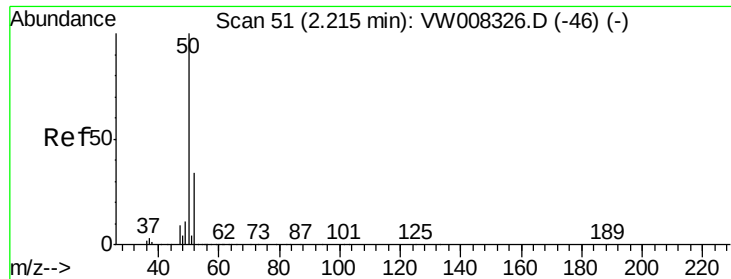
87 34.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.155 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

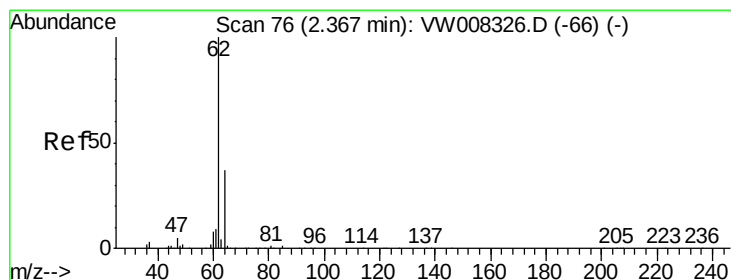
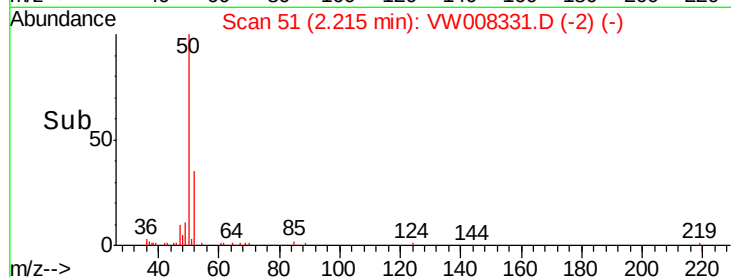
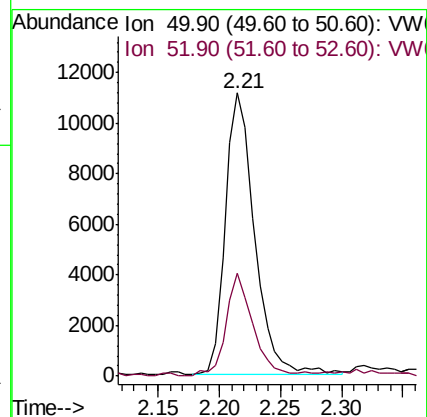
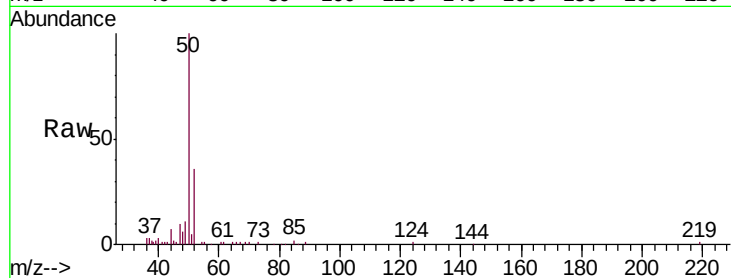
VW0117SBS01

Tgt Ion: 50 Resp: 18422

Ion Ratio Lower Upper

50 100

52 36.4 26.7 40.1



#4

Vinyl Chloride

Concen: 19.678 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008331.D

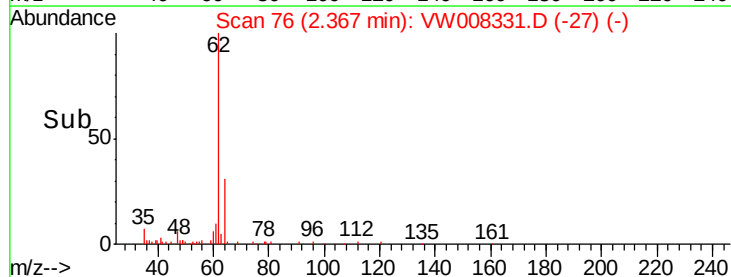
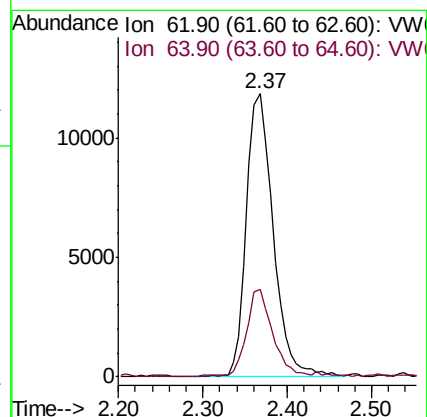
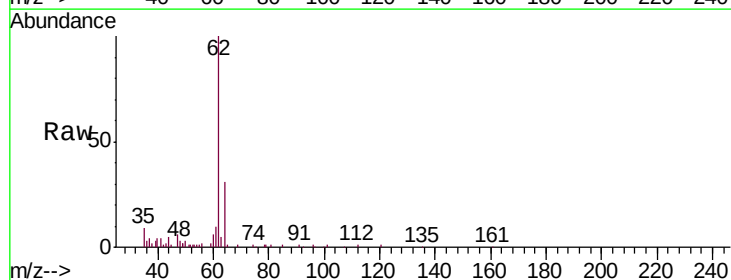
Acq: 17 Jan 2019 16:39

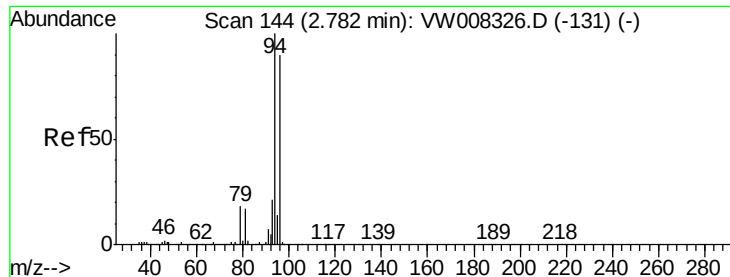
Tgt Ion: 62 Resp: 25512

Ion Ratio Lower Upper

62 100

64 31.1 29.4 44.2





#5

Bromomethane

Concen: 19.117 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

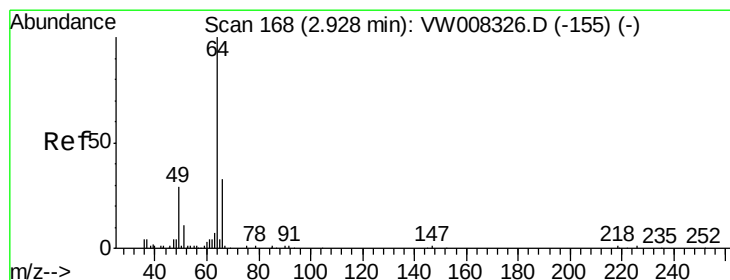
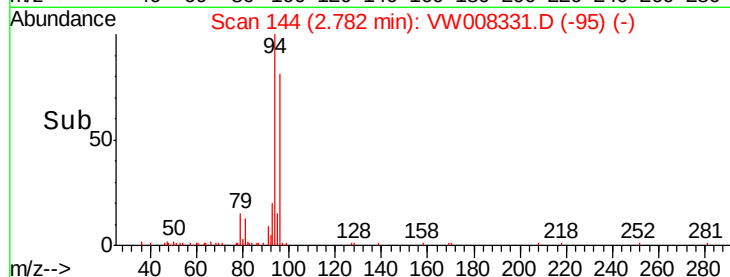
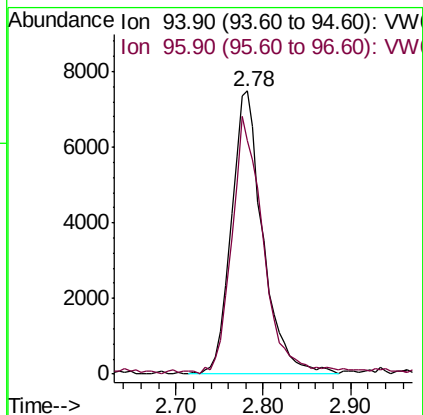
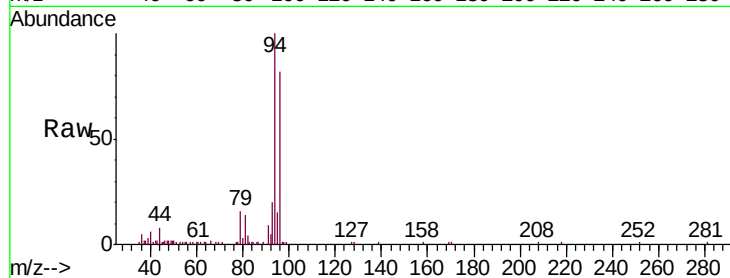
VW0117SBS01

Tgt Ion: 94 Resp: 18783

Ion Ratio Lower Upper

94 100

96 81.3 71.4 107.0



#6

Chloroethane

Concen: 19.809 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008331.D

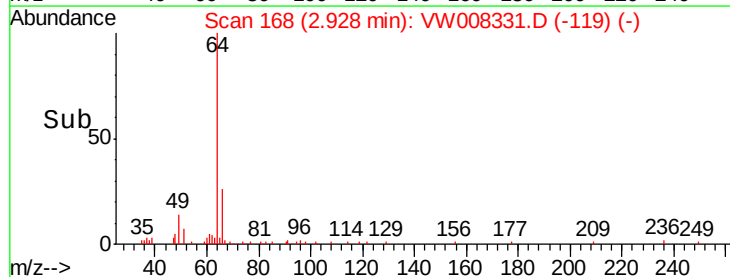
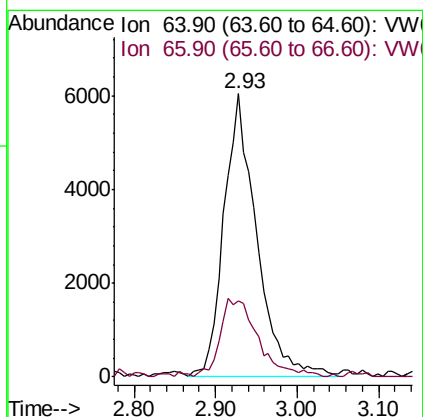
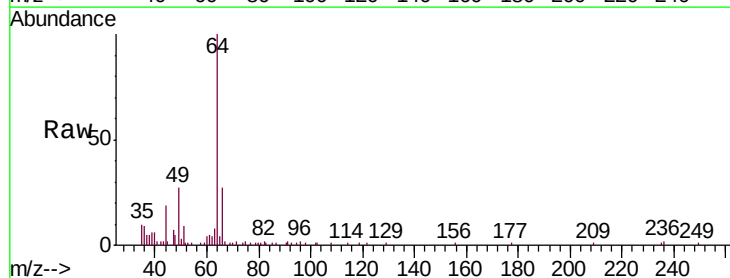
Acq: 17 Jan 2019 16:39

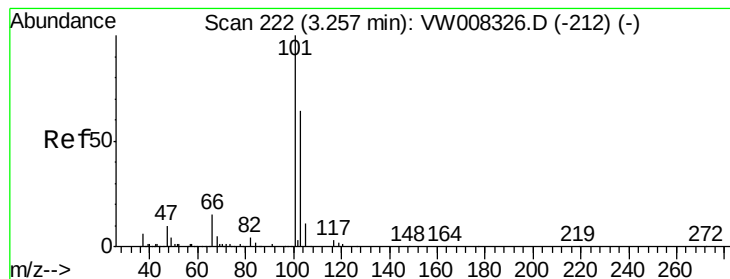
Tgt Ion: 64 Resp: 16810

Ion Ratio Lower Upper

64 100

66 26.7 26.2 39.4



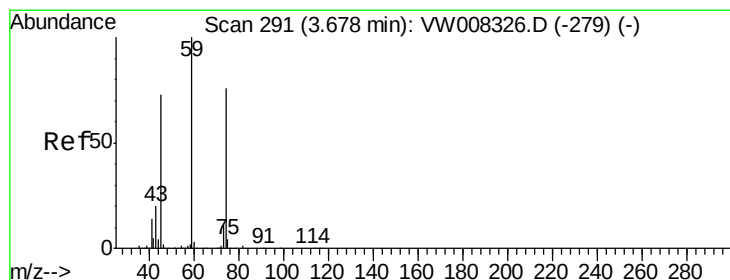
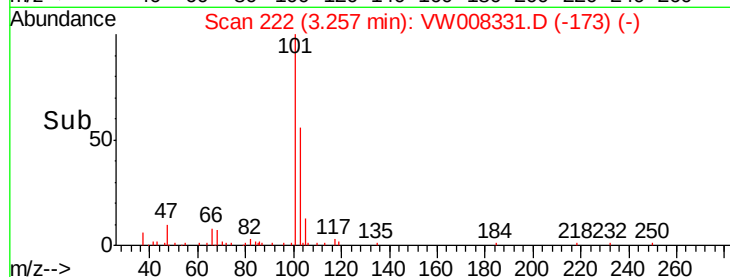
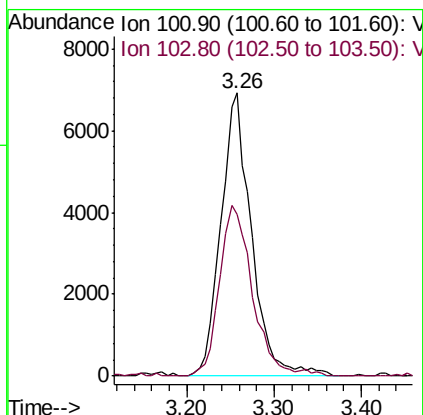
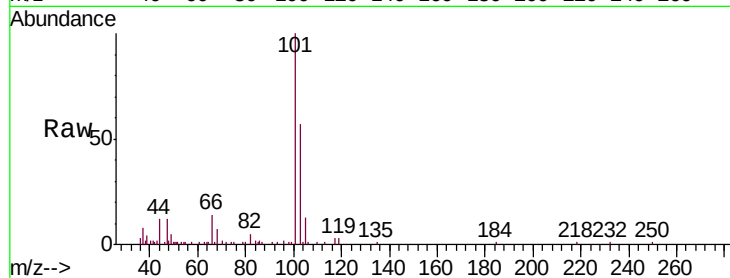


#7

Trichlorofluoromethane
 Concen: 17.673 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

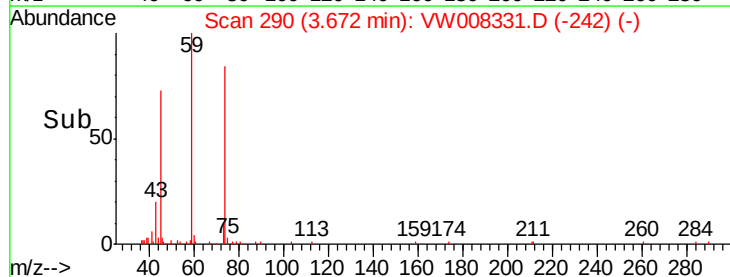
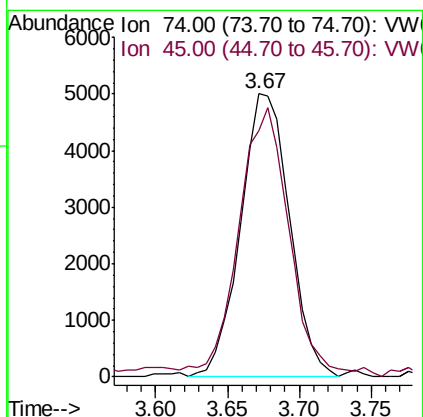
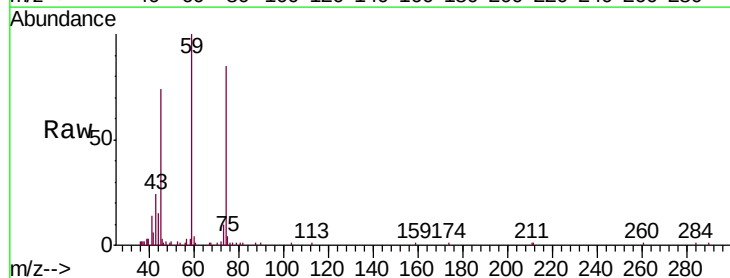
Tgt Ion:101 Resp: 16824
 Ion Ratio Lower Upper
 101 100
 103 57.2 50.9 76.3

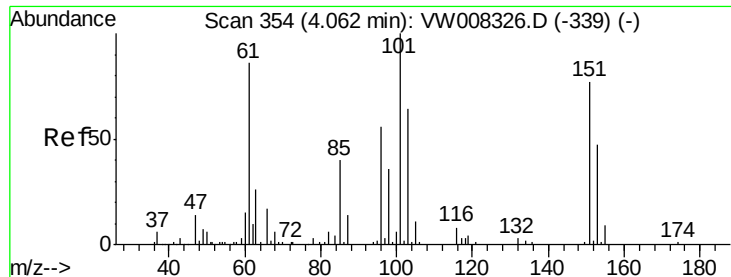


#8

Diethyl Ether
 Concen: 17.886 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 74 Resp: 11807
 Ion Ratio Lower Upper
 74 100
 45 99.2 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.564 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

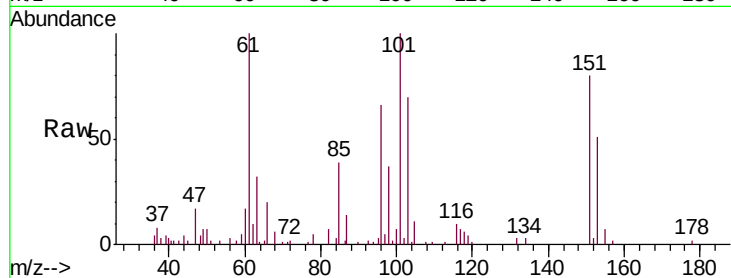
Tgt Ion:101 Resp: 21683

Ion Ratio Lower Upper

101 100

85 41.6 36.0 54.0

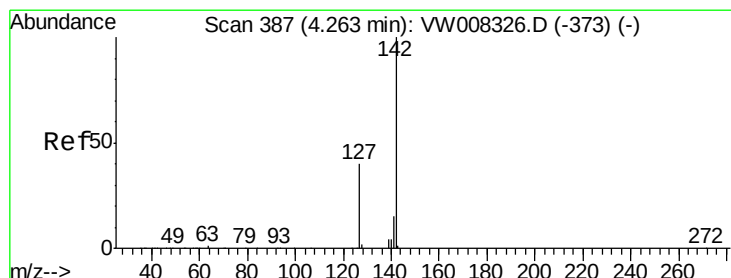
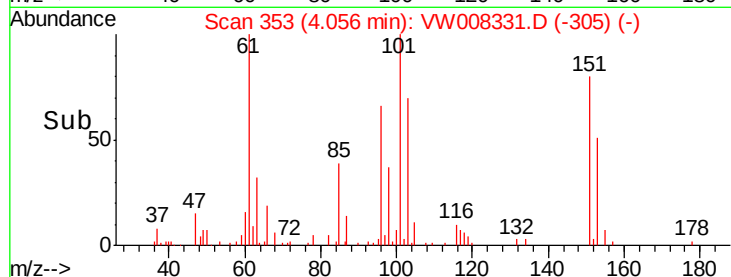
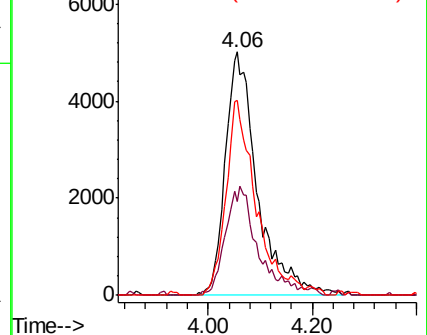
151 72.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.267 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

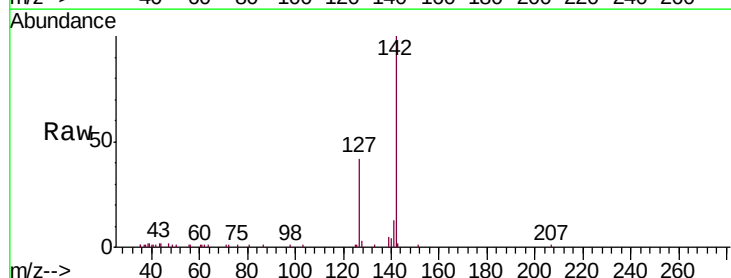
Tgt Ion:142 Resp: 32651

Ion Ratio Lower Upper

142 100

127 43.8 34.3 51.5

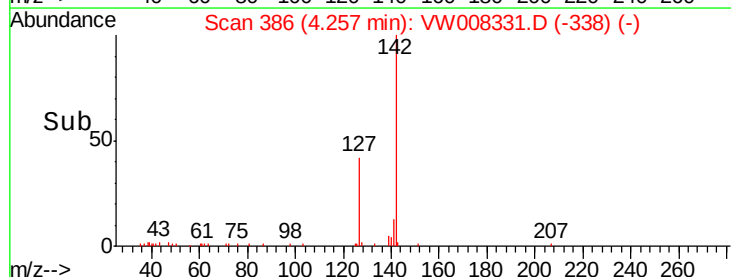
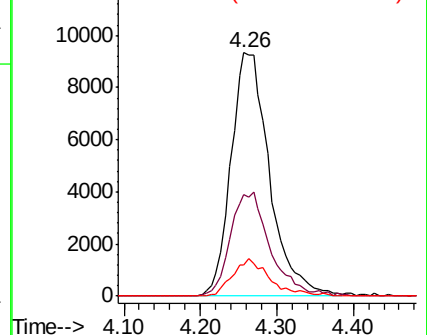
141 14.5 12.2 18.2

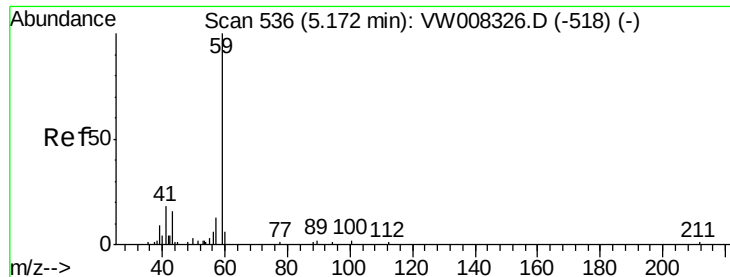


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



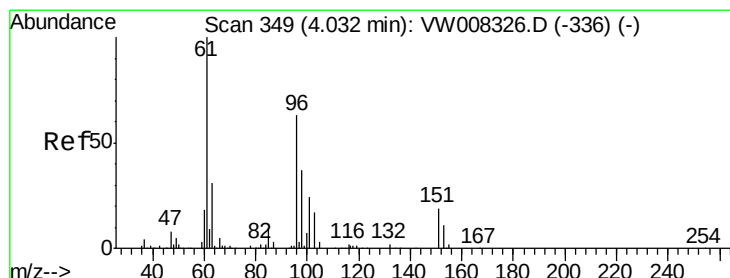
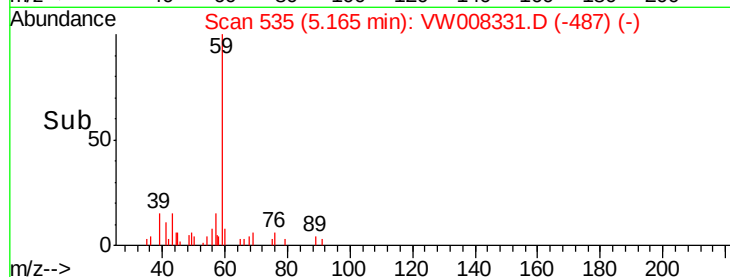
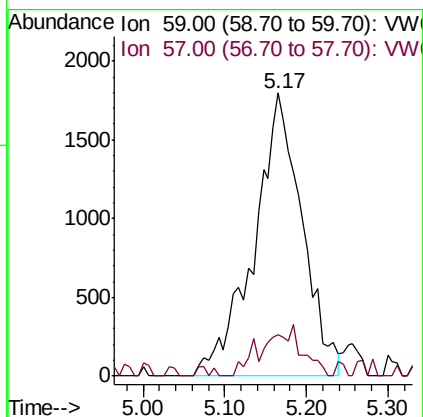
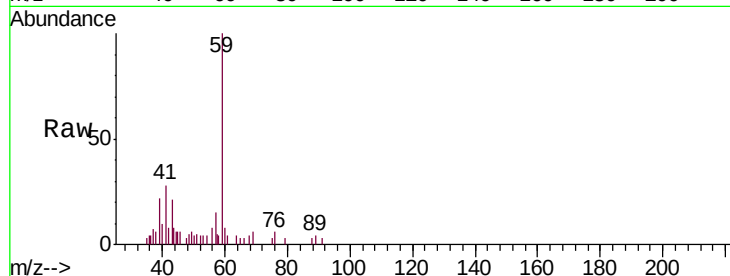


#11

Tert butyl alcohol
Concen: 95.605 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

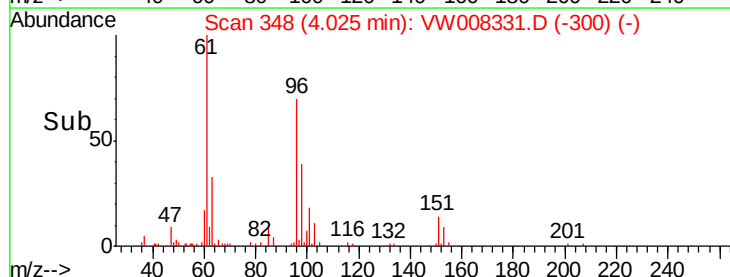
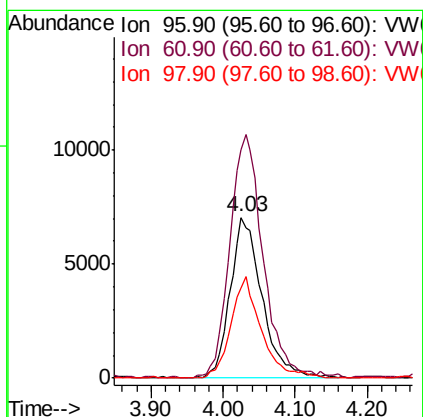
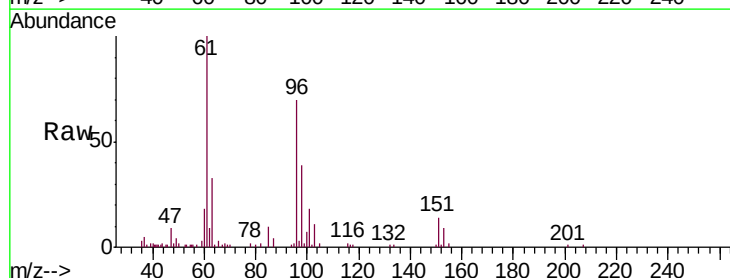
Tgt Ion: 59 Resp: 7356
Ion Ratio Lower Upper
59 100
57 11.7 9.4 14.2

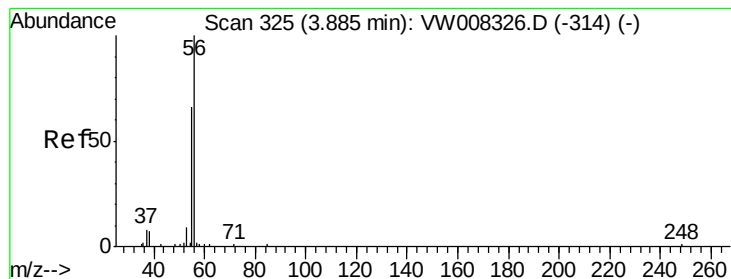


#12

1,1-Dichloroethene
Concen: 19.244 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 96 Resp: 21692
Ion Ratio Lower Upper
96 100
61 142.1 126.4 189.6
98 56.1 46.7 70.1





#13

Acrolein

Concen: 64.851 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

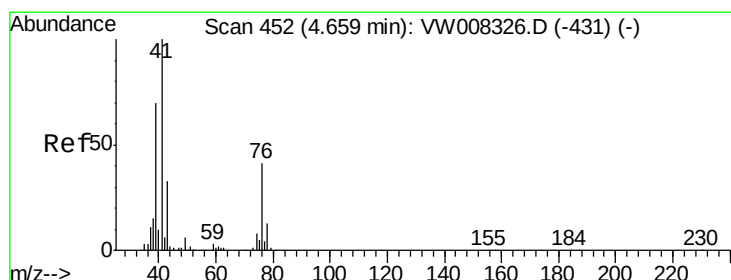
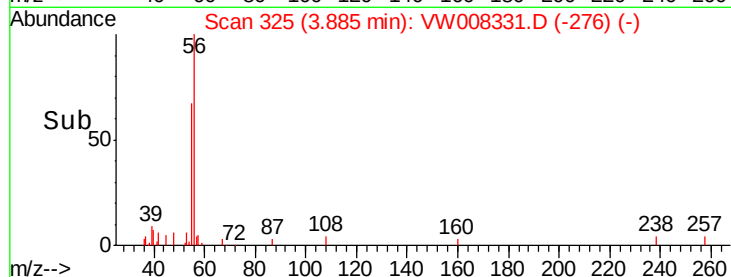
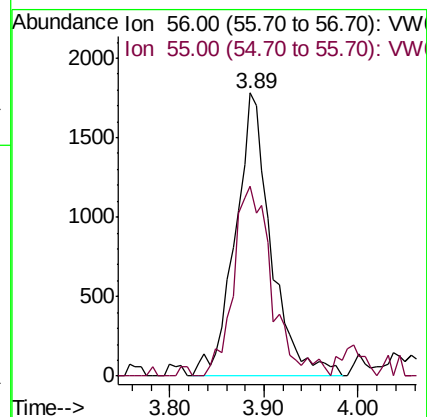
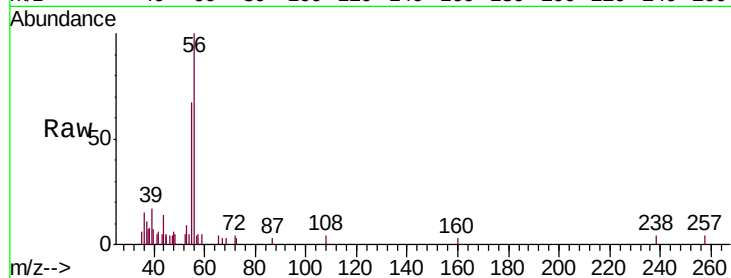
VW0117SBS01

Tgt Ion: 56 Resp: 4694

Ion Ratio Lower Upper

56 100

55 69.2 52.9 79.3



#14

Allyl chloride

Concen: 18.294 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

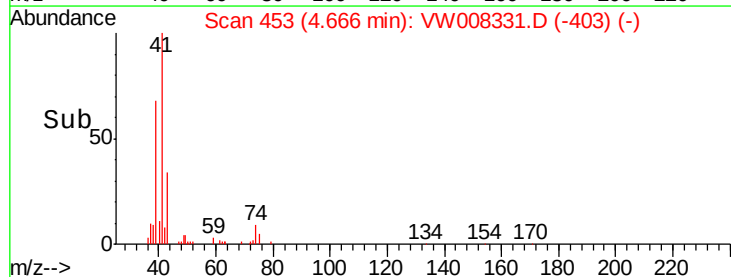
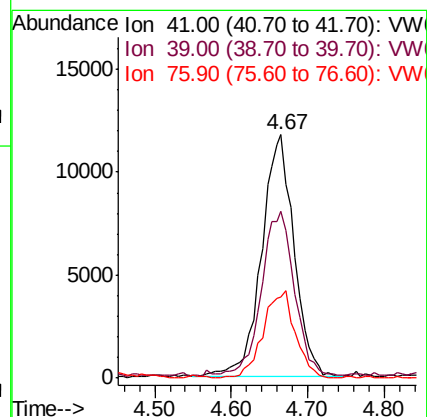
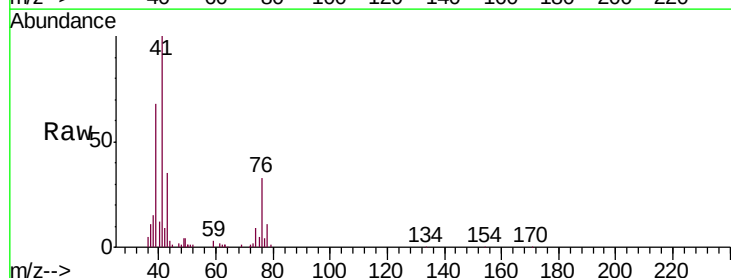
Tgt Ion: 41 Resp: 34473

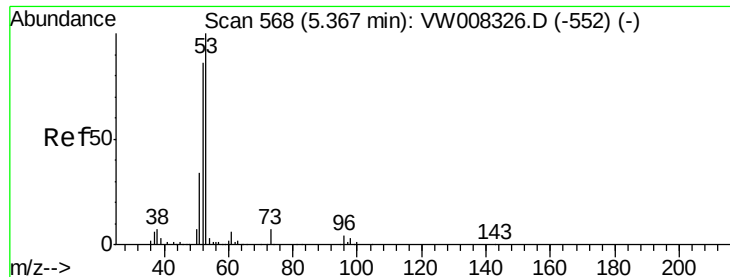
Ion Ratio Lower Upper

41 100

39 68.5 54.1 81.1

76 36.0 29.5 44.3





#15

Acrylonitrile

Concen: 86.922 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

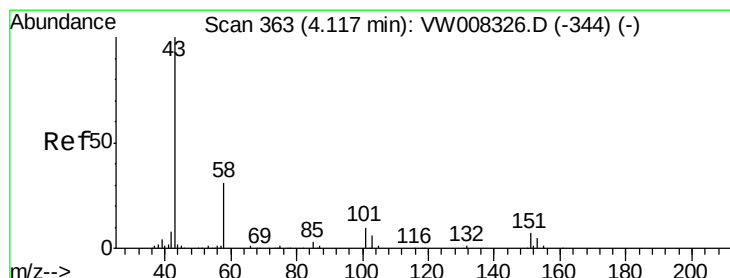
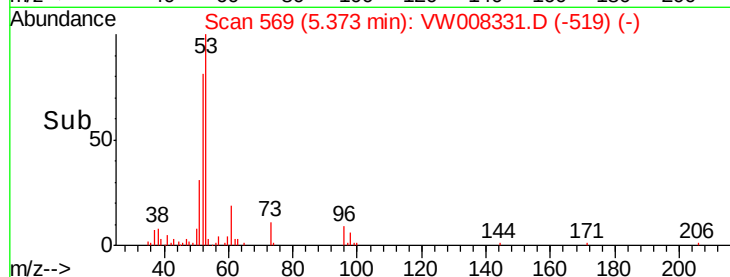
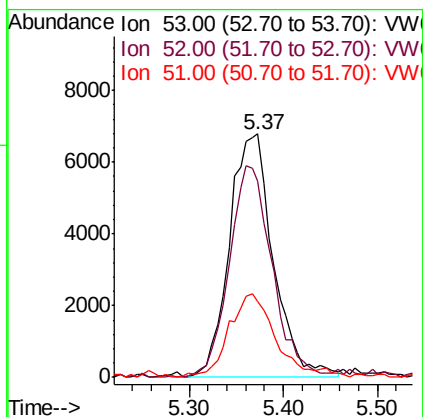
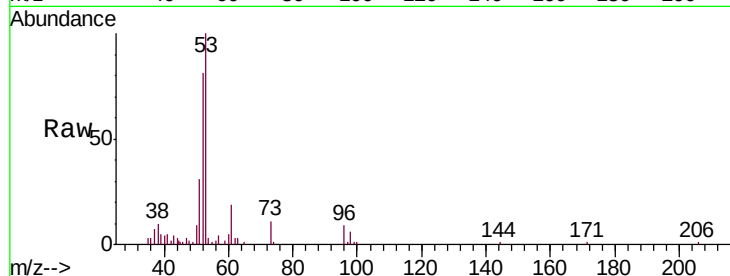
Tgt Ion: 53 Resp: 22041

Ion Ratio Lower Upper

53 100

52 85.0 66.4 99.6

51 35.5 29.6 44.4



#16

Acetone

Concen: 86.146 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008331.D

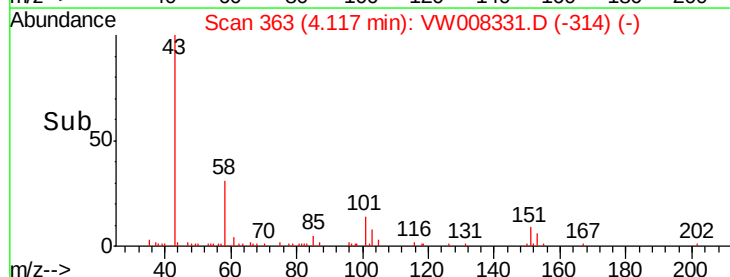
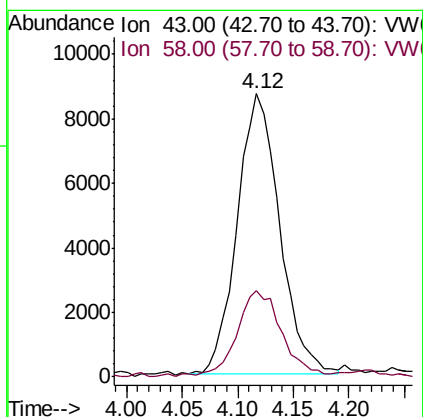
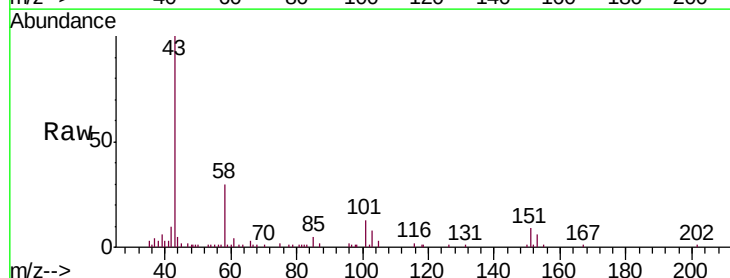
Acq: 17 Jan 2019 16:39

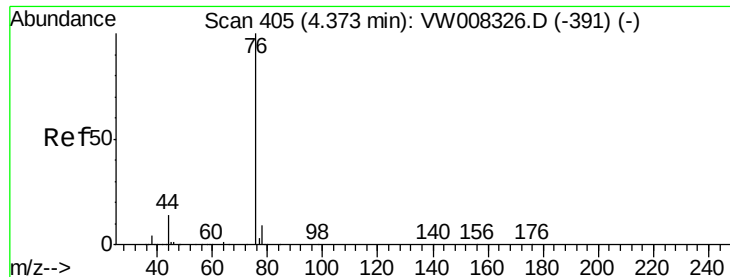
Tgt Ion: 43 Resp: 22862

Ion Ratio Lower Upper

43 100

58 29.6 24.7 37.1





#17

Carbon Disulfide

Concen: 17.513 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

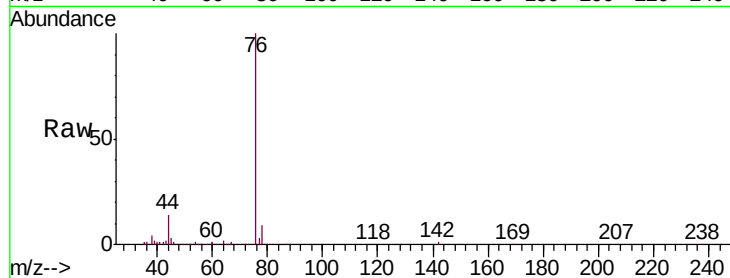
VW0117SBS01

Tgt Ion: 76 Resp: 60069

Ion Ratio Lower Upper

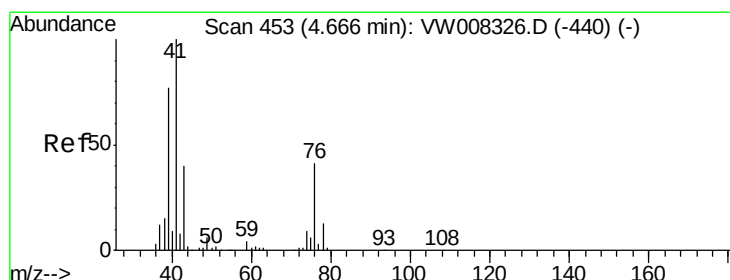
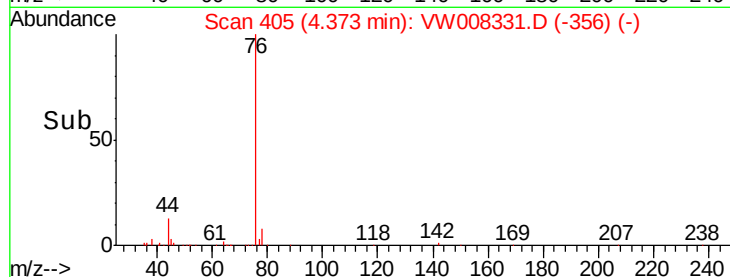
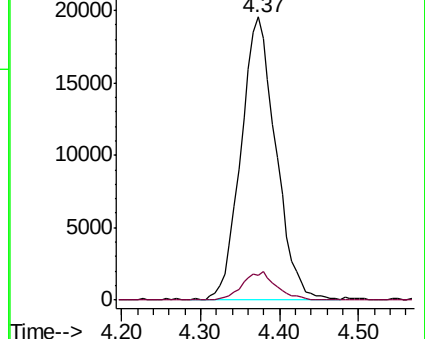
76 100

78 8.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.473 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008331.D

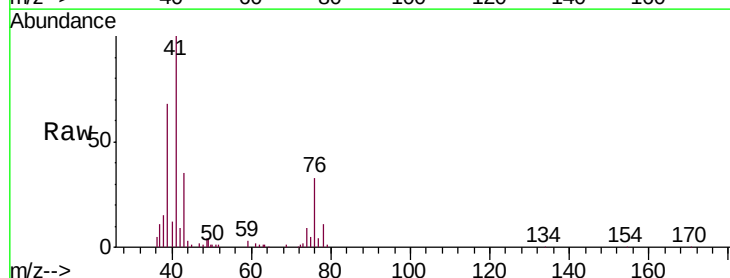
Acq: 17 Jan 2019 16:39

Tgt Ion: 43 Resp: 12387

Ion Ratio Lower Upper

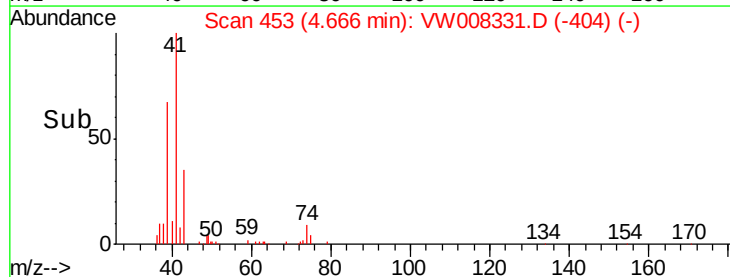
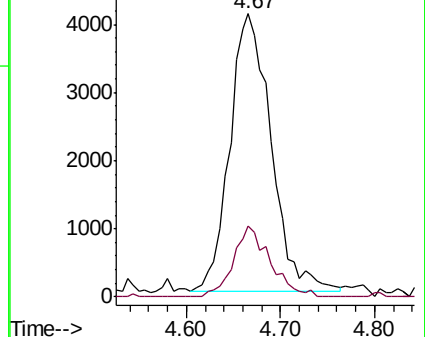
43 100

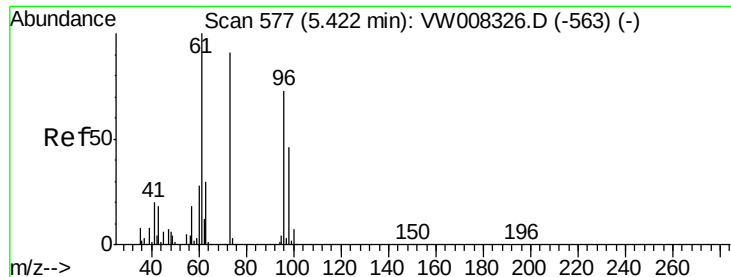
74 22.7 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

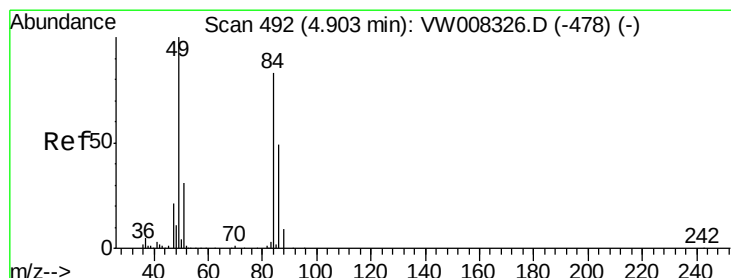
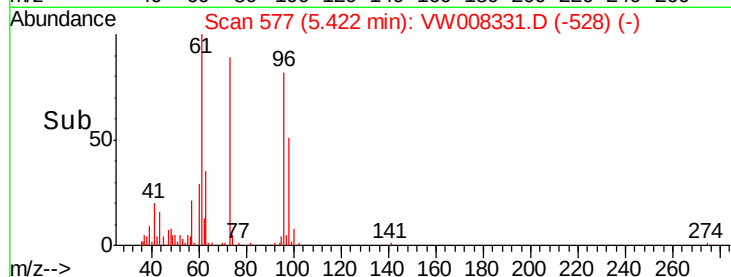
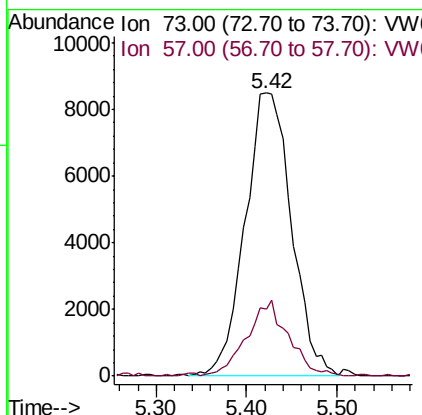
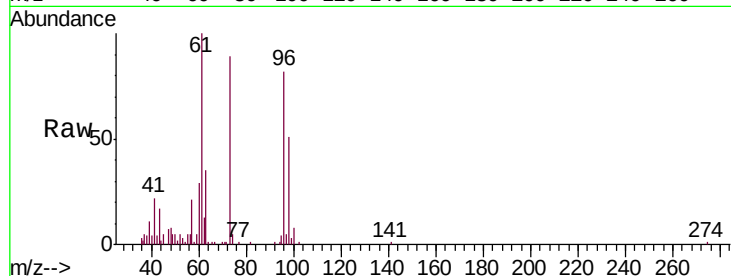




#19
Methyl tert-butyl Ether
Concen: 17.453 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

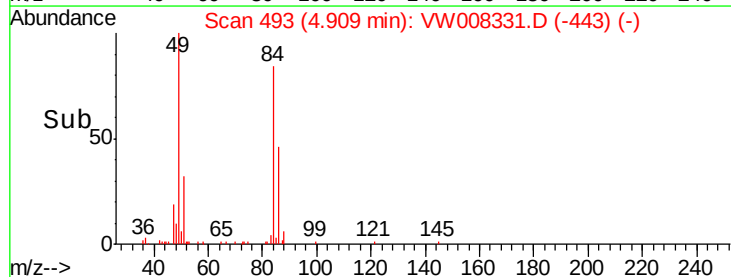
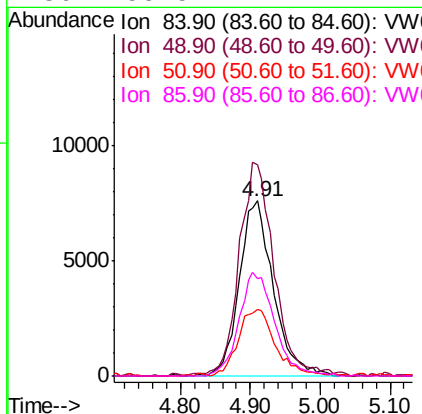
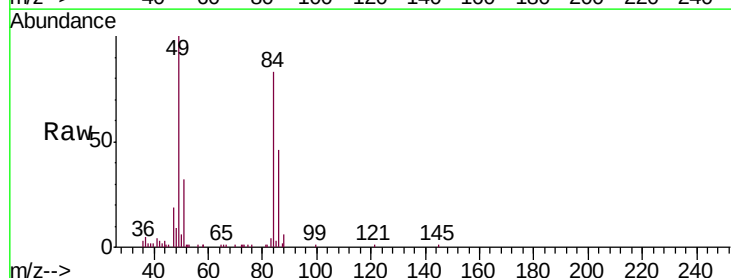
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

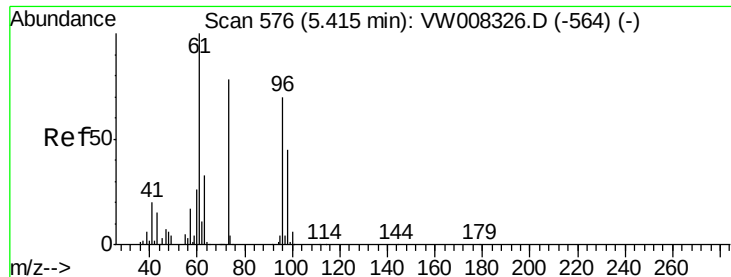
Tgt Ion: 73 Resp: 30116
Ion Ratio Lower Upper
73 100
57 23.2 16.3 24.5



#20
Methylene Chloride
Concen: 18.636 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 84 Resp: 25689
Ion Ratio Lower Upper
84 100
49 119.0 95.9 143.9
51 37.4 29.3 43.9
86 55.5 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 18.414 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

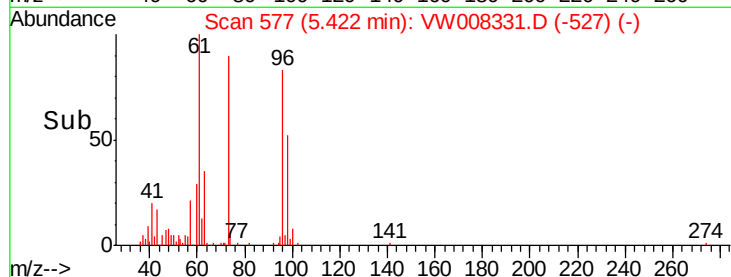
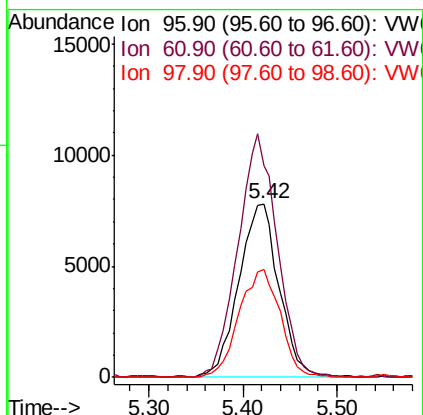
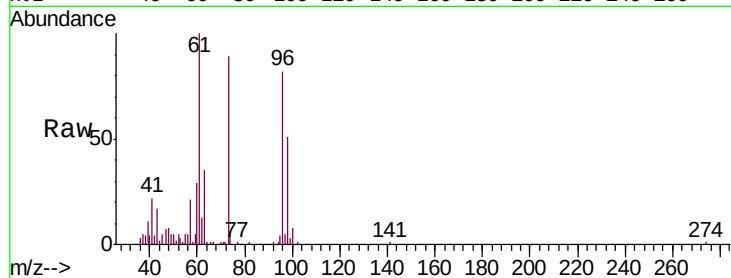
Tgt Ion: 96 Resp: 23312

Ion Ratio Lower Upper

96 100

61 121.8 114.5 171.7

98 62.3 52.0 78.0



#22

Diisopropyl ether

Concen: 18.916 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Tgt Ion: 45 Resp: 69591

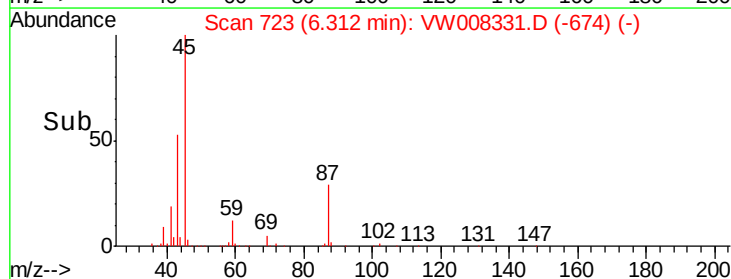
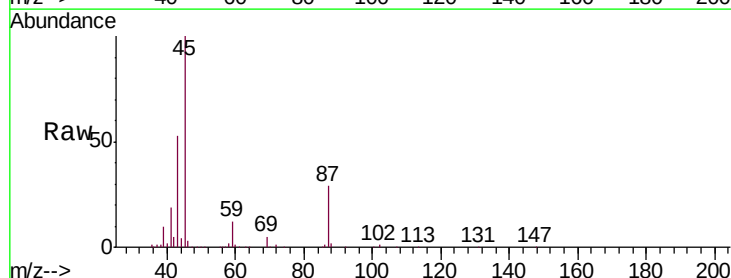
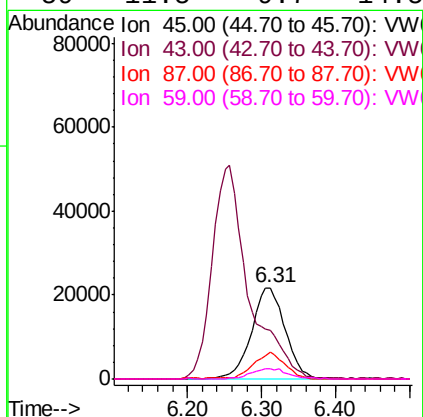
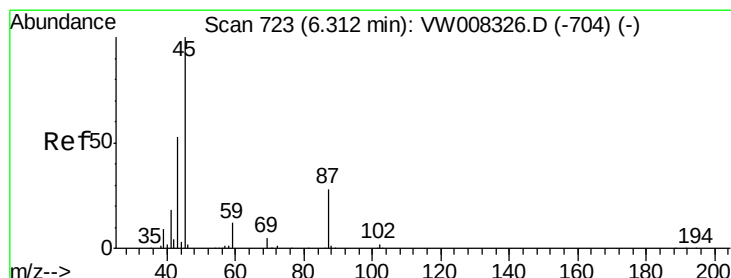
Ion Ratio Lower Upper

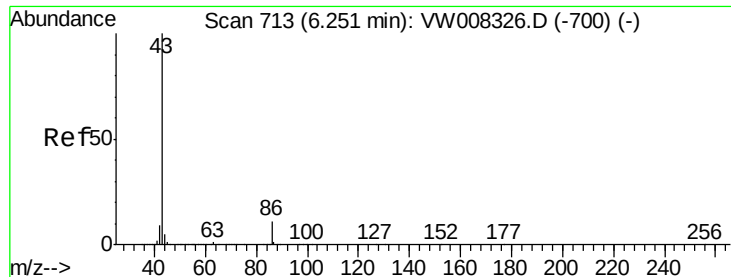
45 100

43 52.7 42.5 63.7

87 28.9 22.2 33.2

59 11.5 9.7 14.5





#23

Vinyl Acetate

Concen: 87.832 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

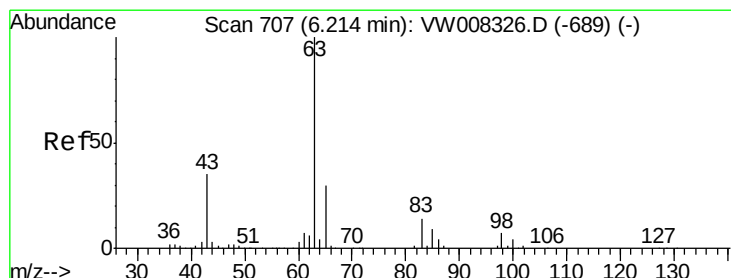
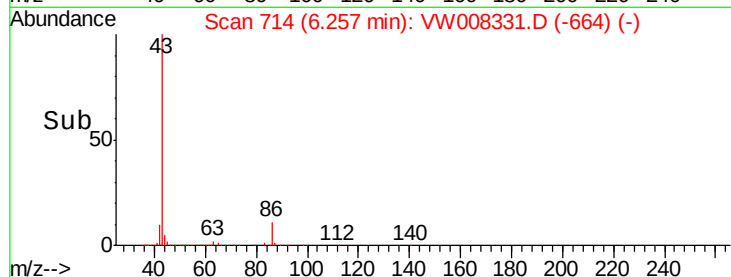
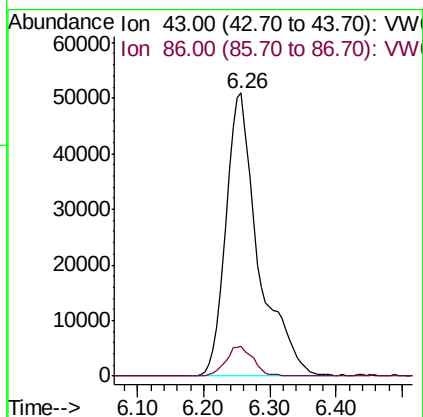
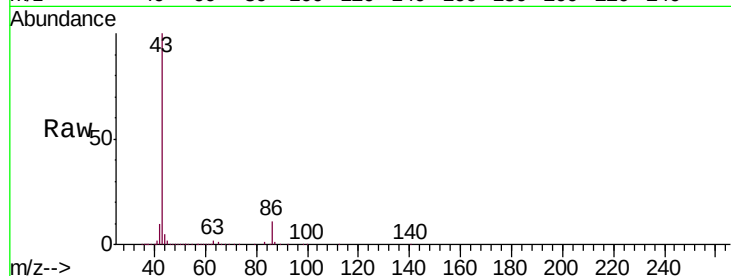
VW0117SBS01

Tgt Ion: 43 Resp: 172730

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 18.722 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

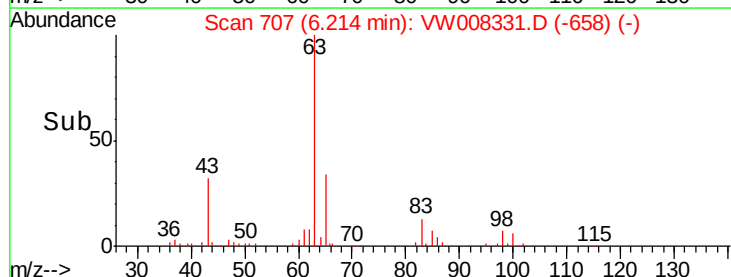
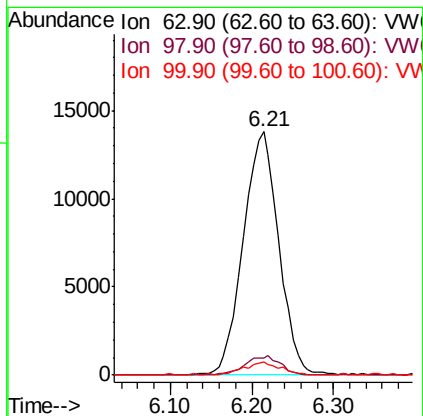
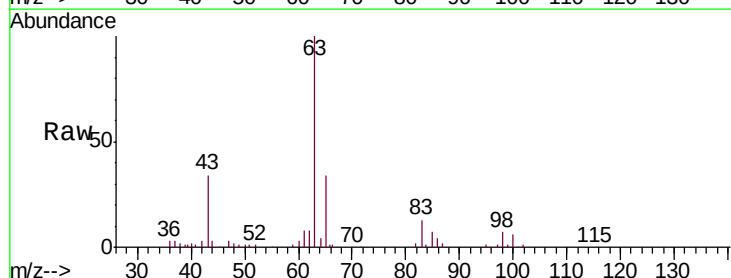
Tgt Ion: 63 Resp: 41938

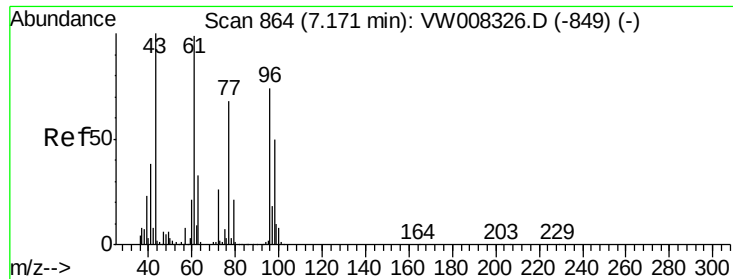
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 5.5 2.1 6.3

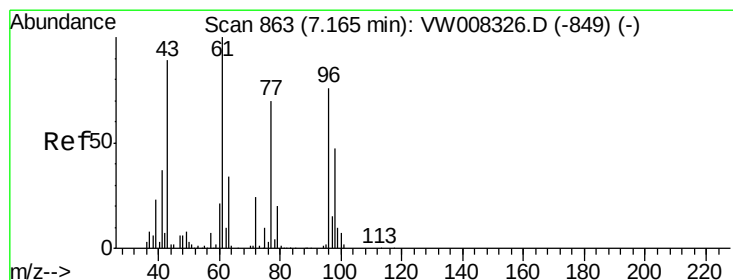
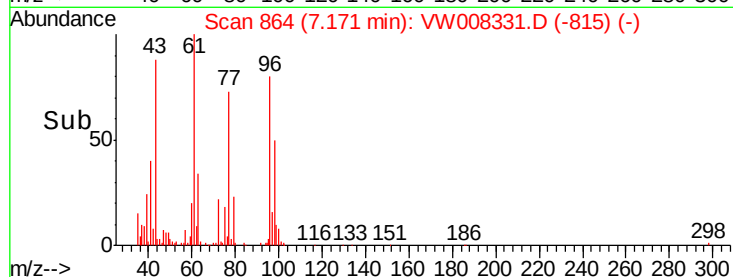
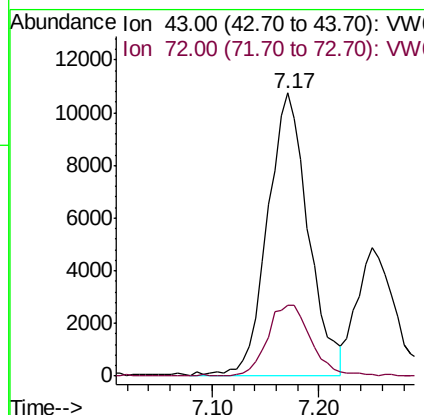
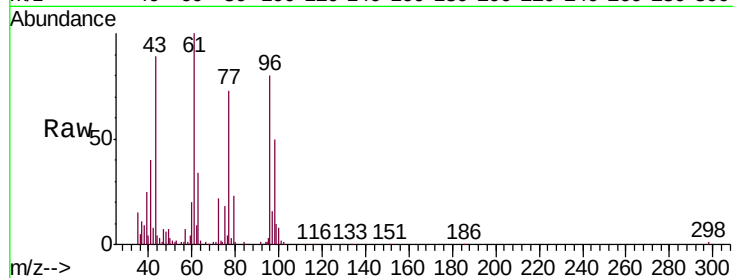




#25
2-Butanone
Concen: 84.373 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

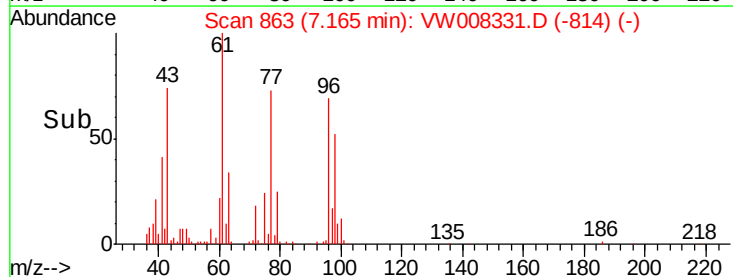
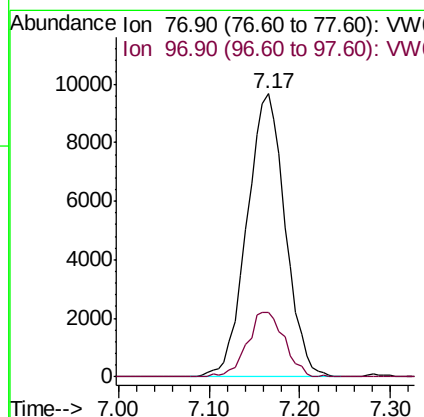
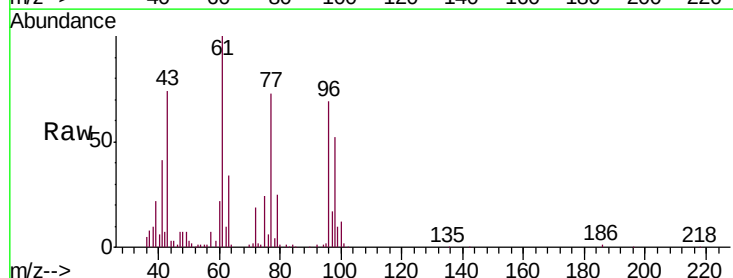
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

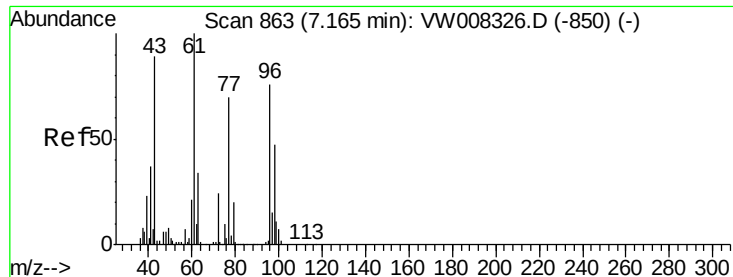
Tgt Ion: 43 Resp: 28679
Ion Ratio Lower Upper
43 100
72 24.9 21.2 31.8



#26
2,2-Dichloropropane
Concen: 19.733 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 77 Resp: 28209
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.1



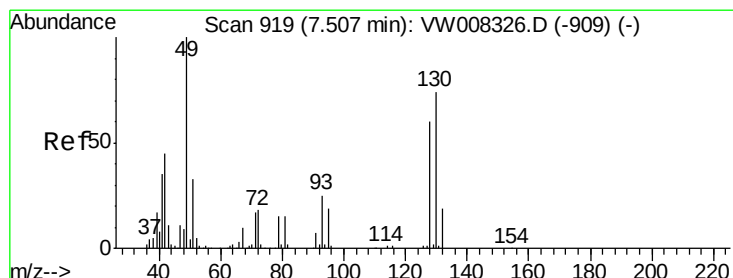
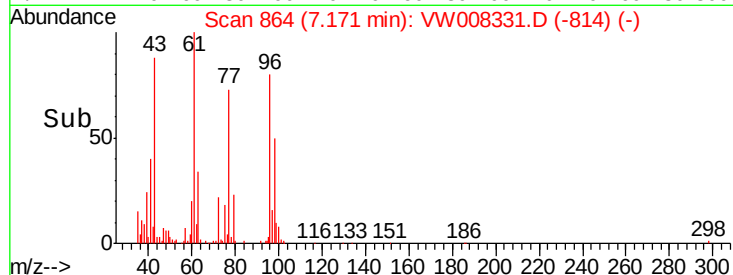
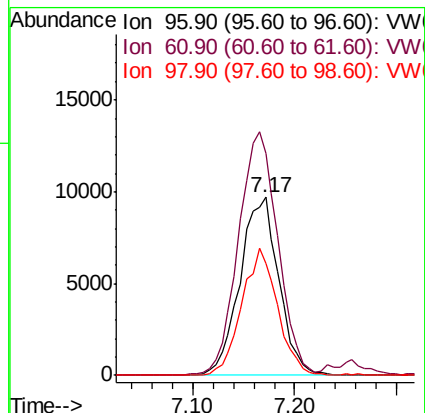
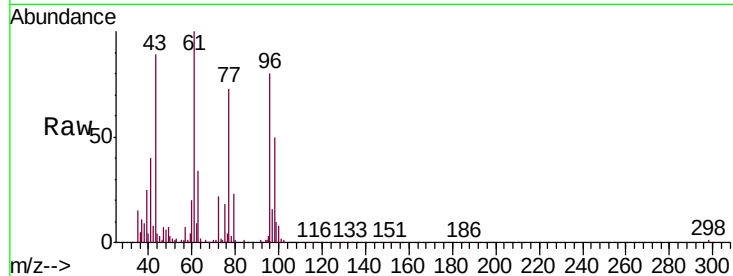


#27

cis-1,2-Dichloroethene
Concen: 18.739 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

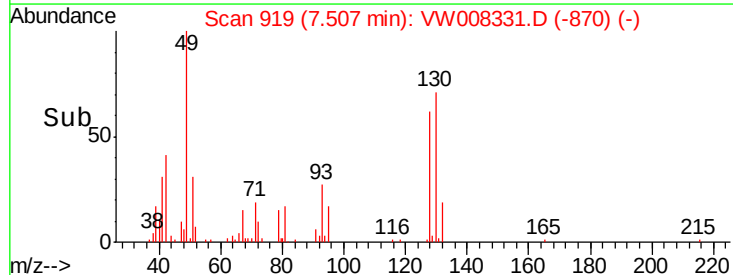
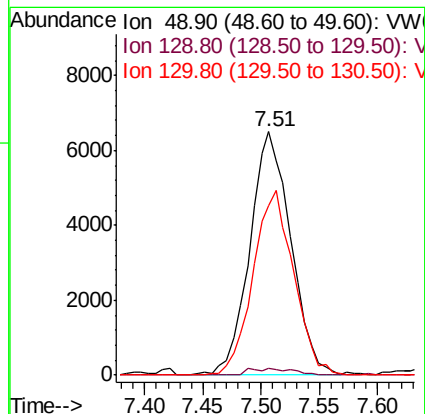
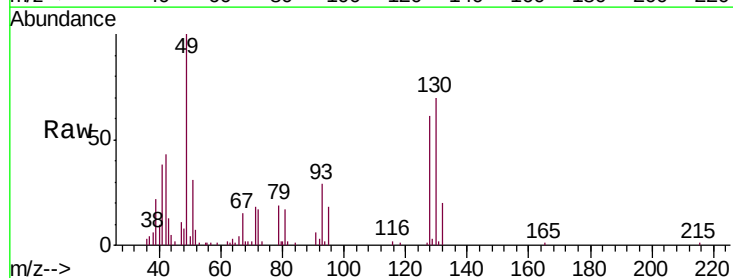
Tgt Ion: 96 Resp: 25704
Ion Ratio Lower Upper
96 100
61 138.8 0.0 272.2
98 65.5 0.0 129.4

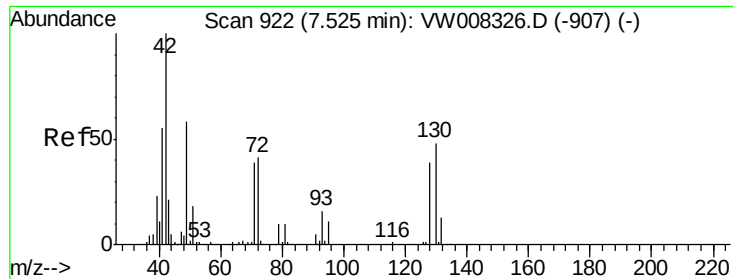


#28

Bromochloromethane
Concen: 17.211 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 49 Resp: 15884
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 75.2 0.0 0.0#

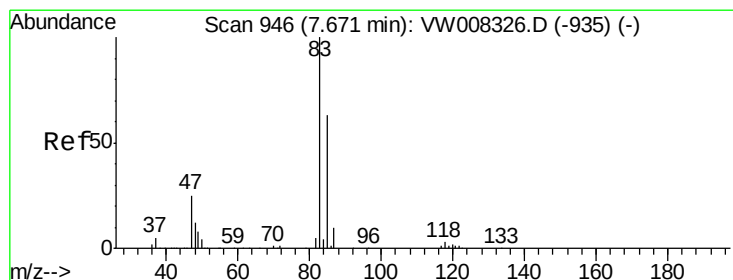
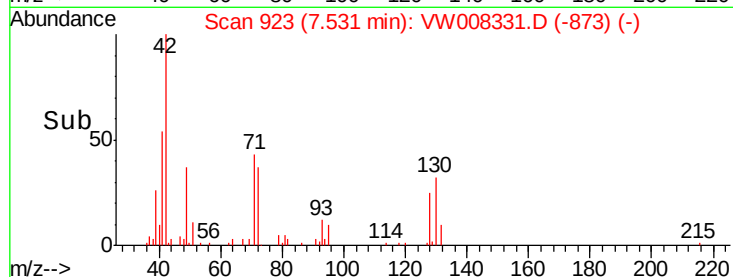
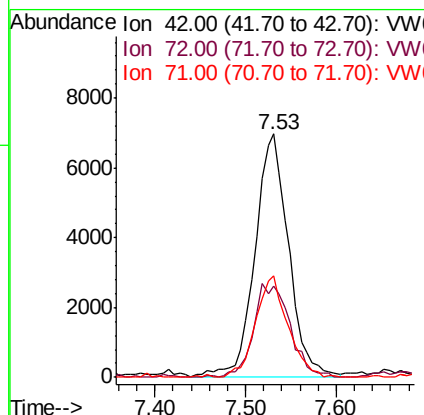
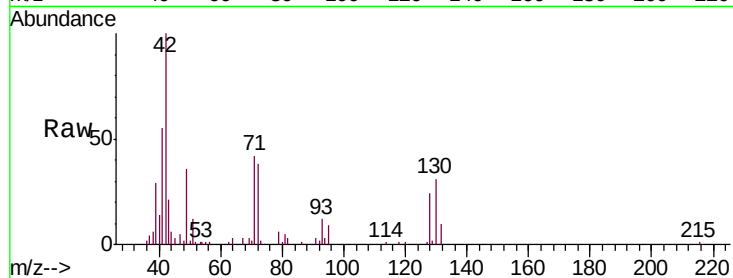




#29
Tetrahydrofuran
Concen: 84.746 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

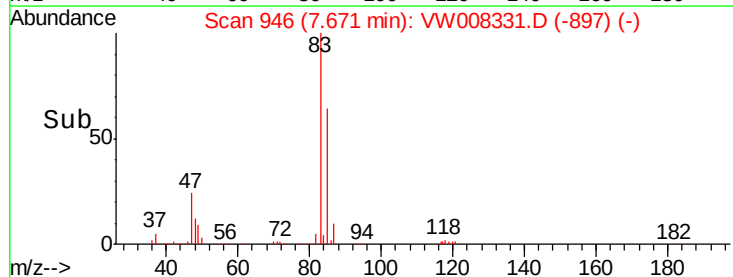
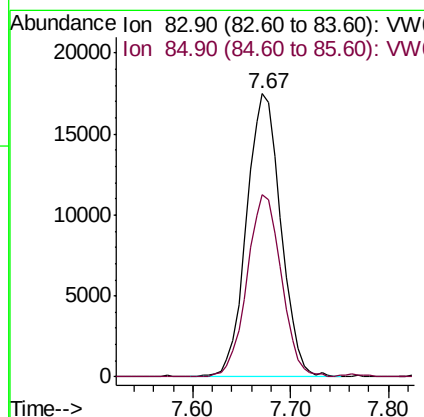
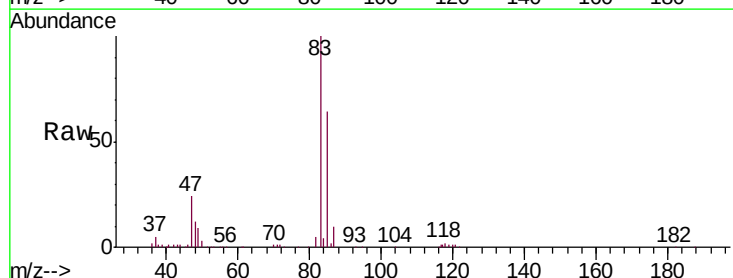
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

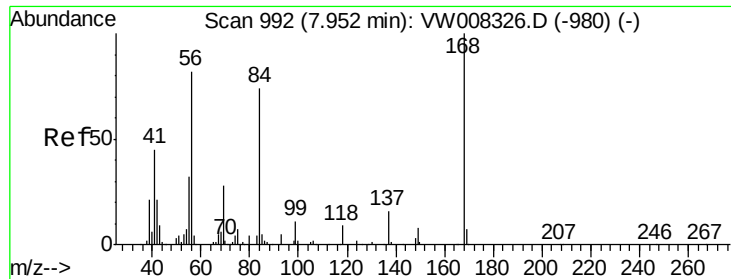
Tgt Ion: 42 Resp: 17958
Ion Ratio Lower Upper
42 100
72 41.7 34.0 51.0
71 40.0 32.0 48.0



#30
Chloroform
Concen: 19.176 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 83 Resp: 42500
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.2

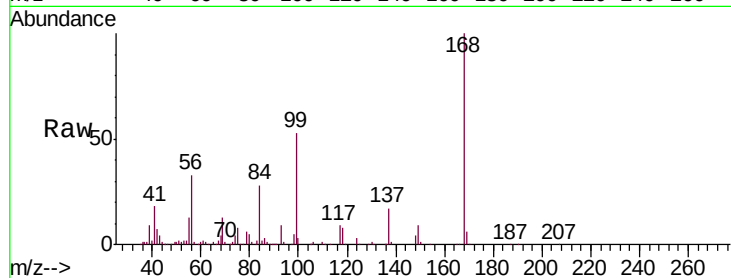




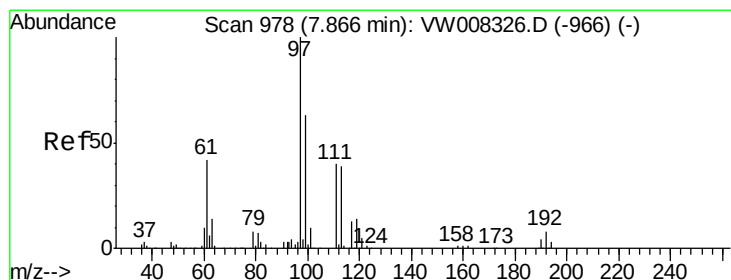
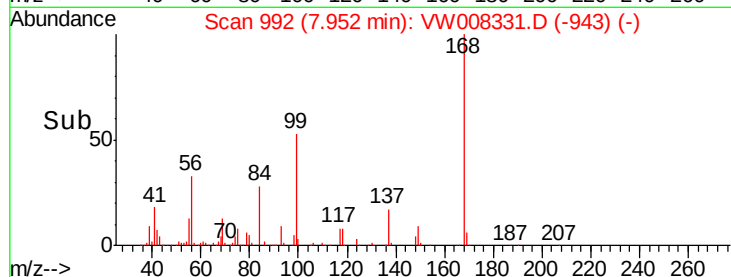
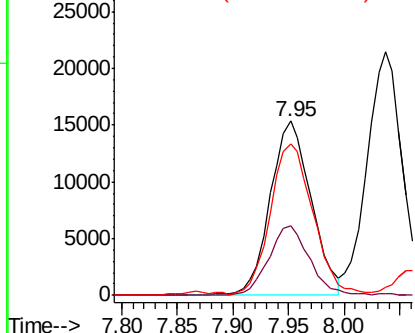
#31
Cyclohexane
Concen: 18.466 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Tgt Ion: 56 Resp: 39412
Ion Ratio Lower Upper
56 100
69 40.2 27.0 40.6
84 85.5 72.5 108.7

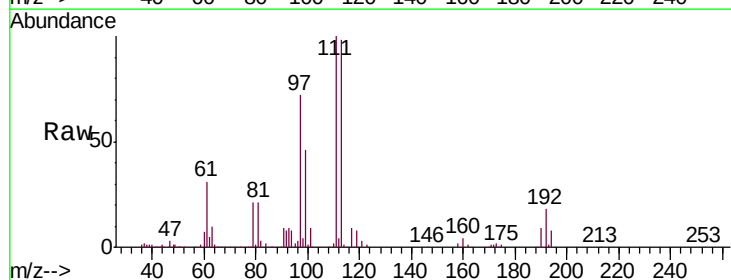


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

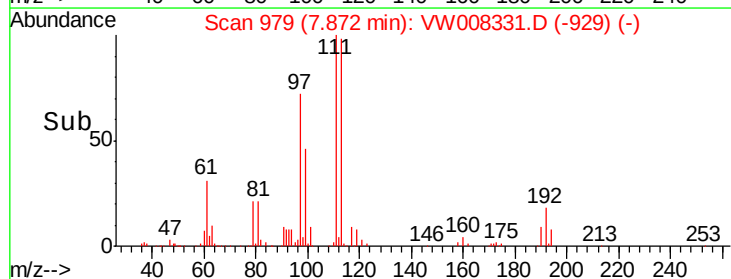
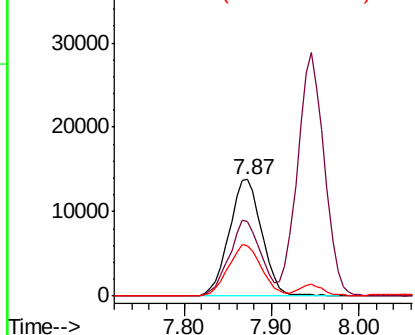


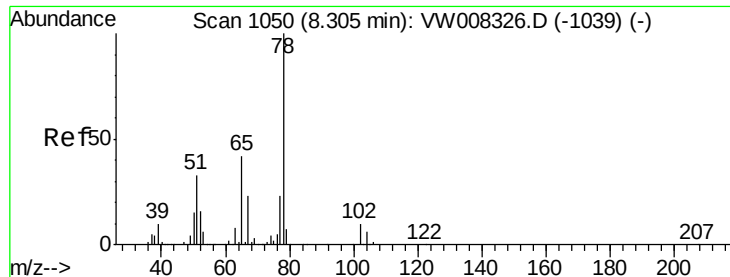
#32
1,1,1-Trichloroethane
Concen: 19.384 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 97 Resp: 36055
Ion Ratio Lower Upper
97 100
99 62.2 51.1 76.7
61 45.0 34.0 51.0



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

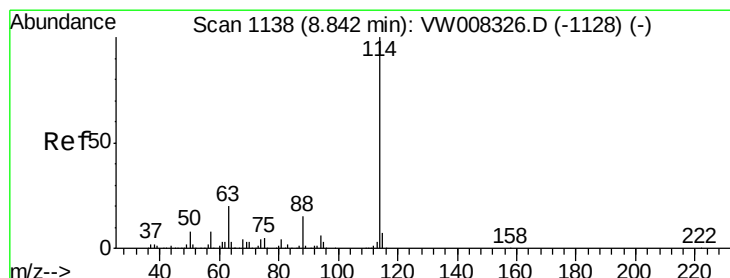
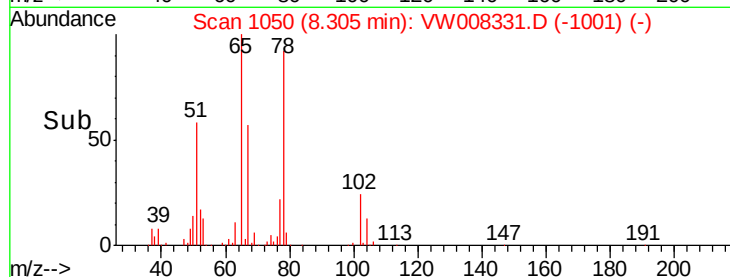
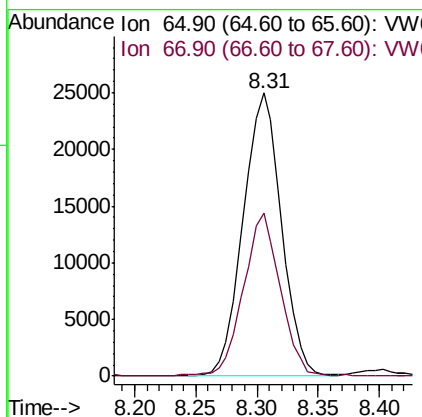
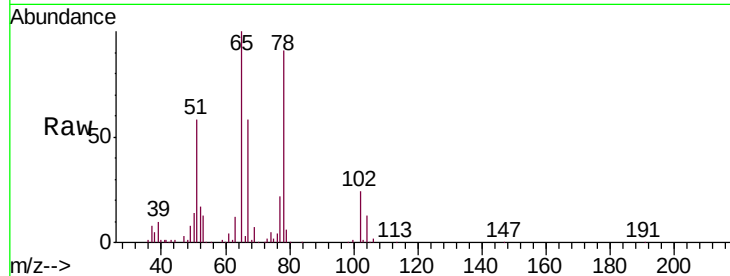




#33
 1,2-Dichloroethane-d4
 Concen: 47.607 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

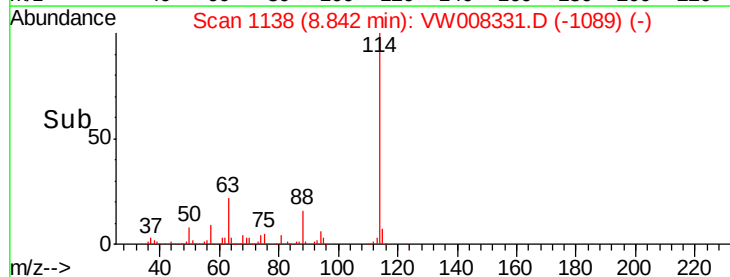
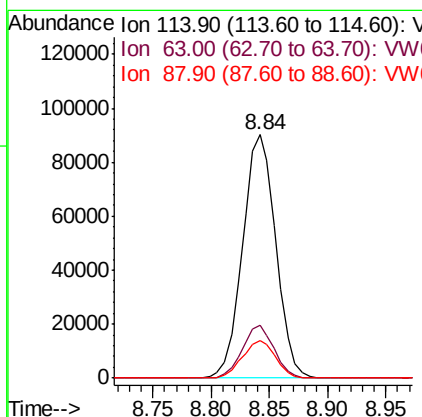
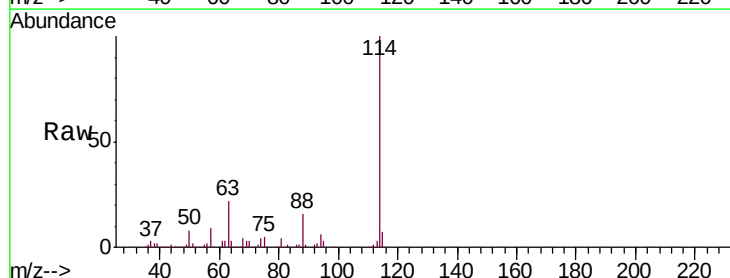
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

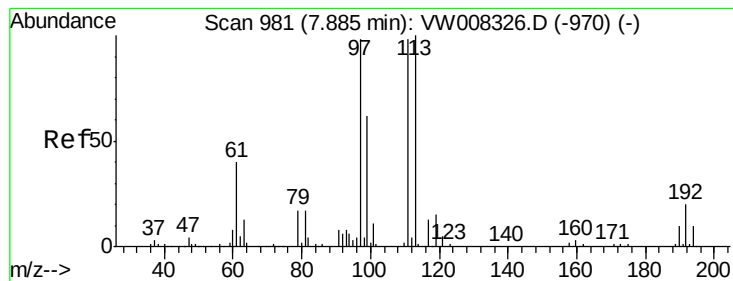
Tgt Ion: 65 Resp: 54403
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 114 Resp: 179115
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.720 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

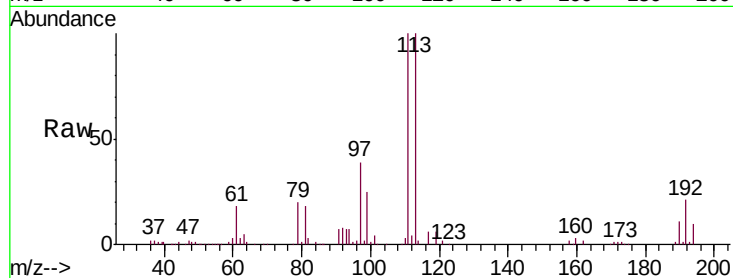
Tgt Ion:113 Resp: 56847

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.8

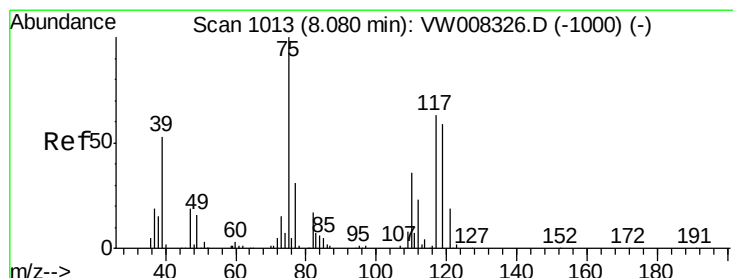
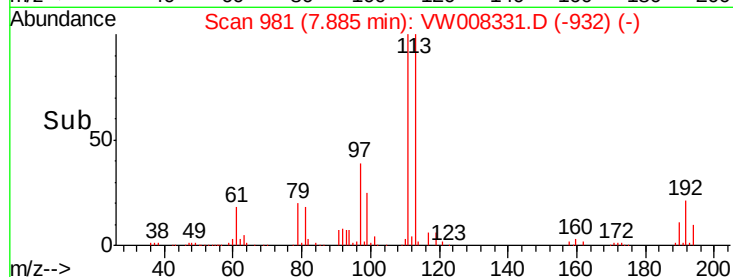
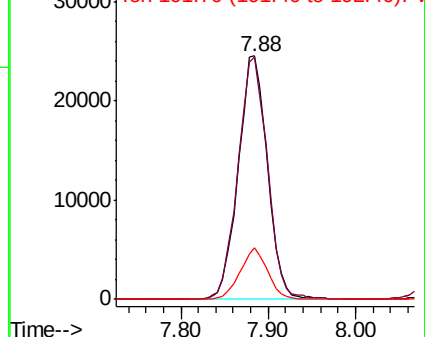
192 19.9 16.3 24.5



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: 18.864 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

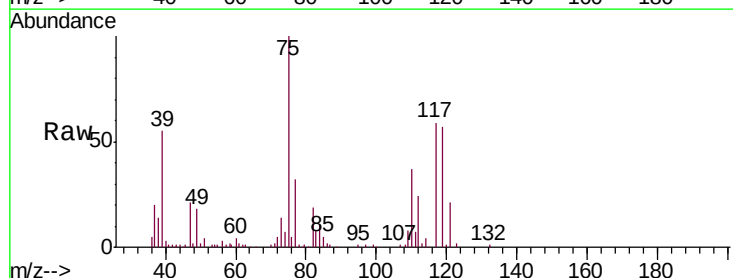
Tgt Ion: 75 Resp: 33994

Ion Ratio Lower Upper

75 100

110 35.0 17.5 52.6

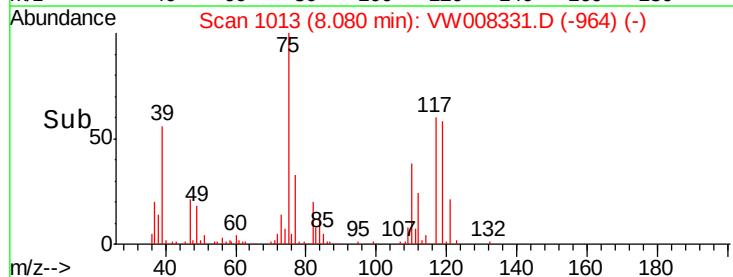
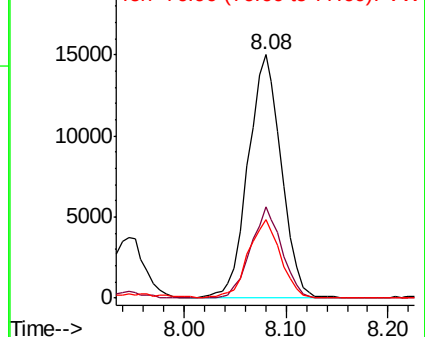
77 31.5 25.0 37.6

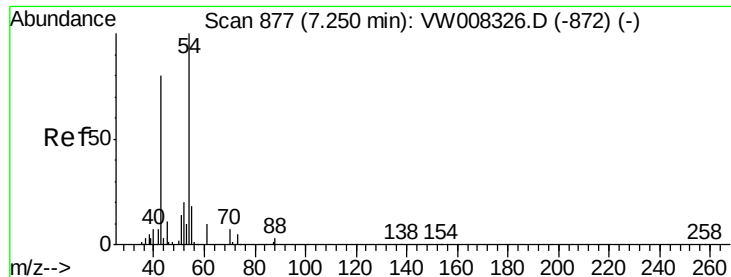


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

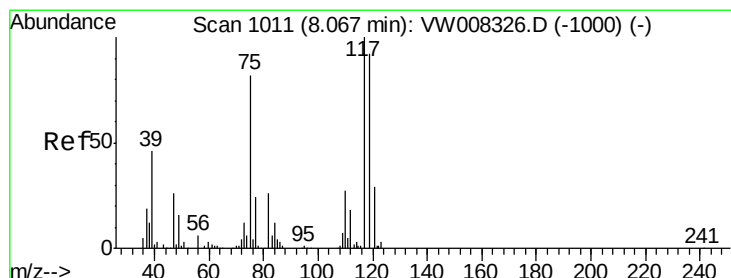
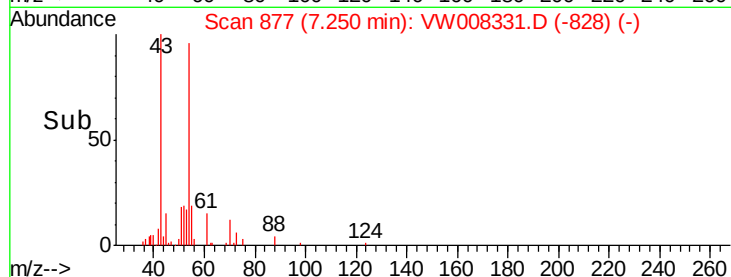
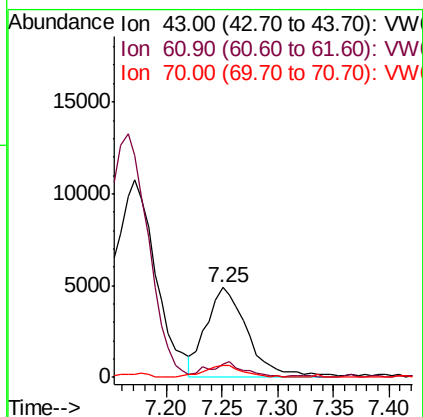
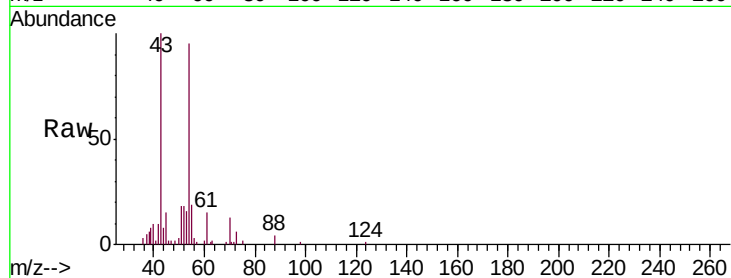




#37
 Ethyl Acetate
 Concen: 16.686 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

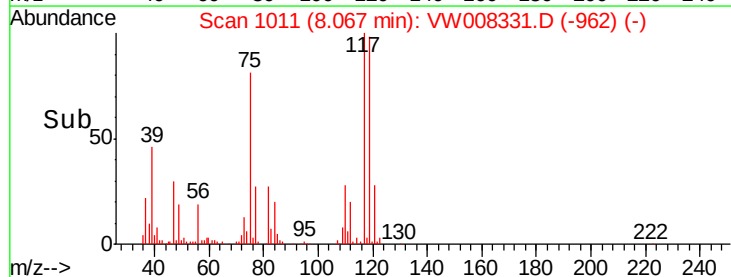
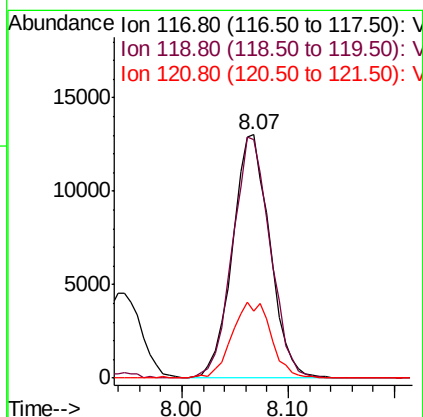
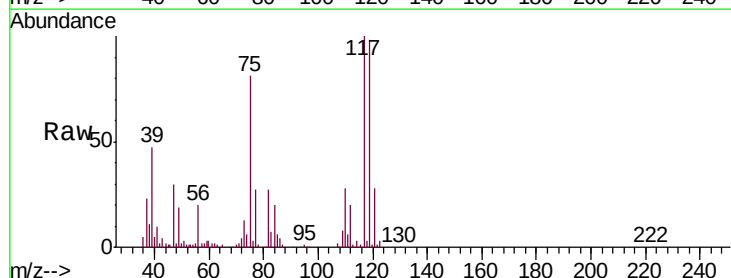
Instrument :
 MSVOA_W
 ClientSampled :
 VW0117SBS01

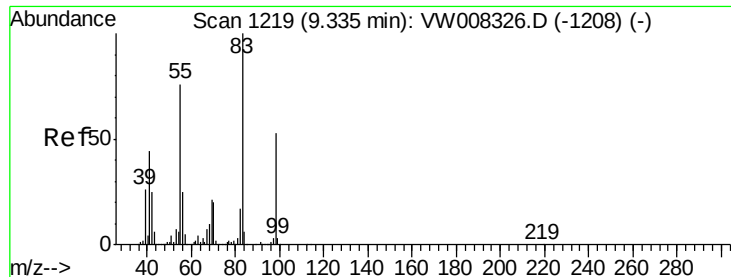
Tgt Ion: 43 Resp: 12400
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.5 17.3
 70 12.9 8.8 13.2



#38
 Carbon Tetrachloride
 Concen: 18.052 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 117 Resp: 32122
 Ion Ratio Lower Upper
 117 100
 119 98.0 73.8 110.6
 121 27.6 23.4 35.0

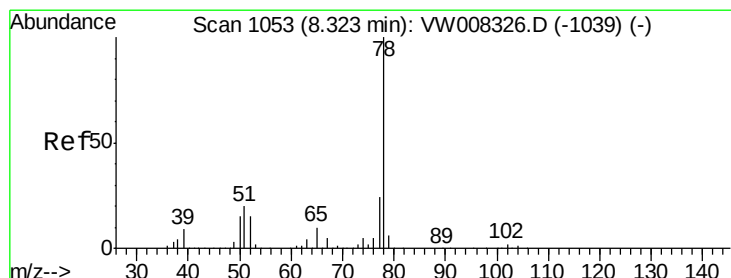
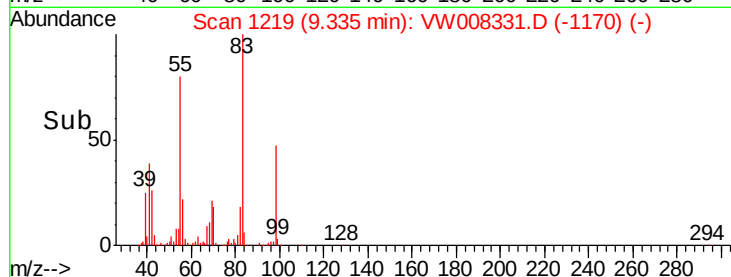
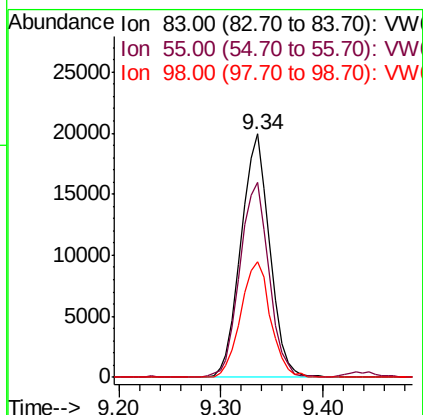
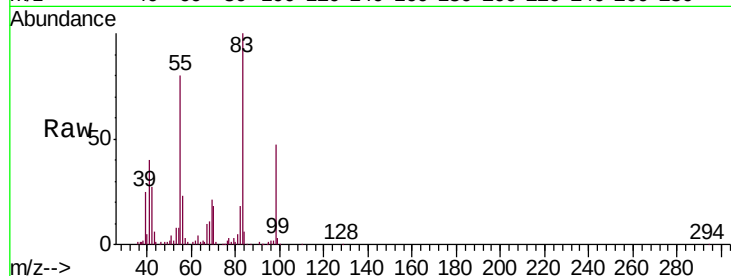




#39
Methylcyclohexane
Concen: 18.302 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

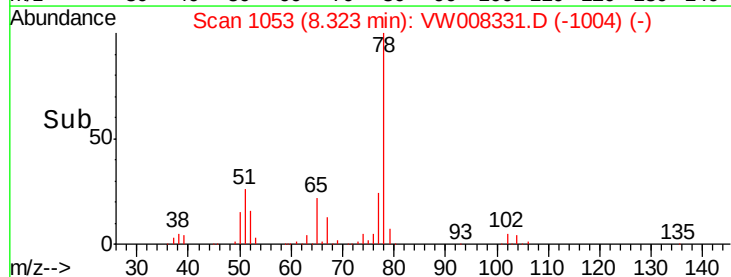
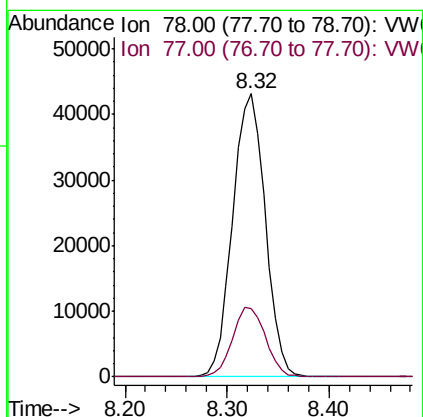
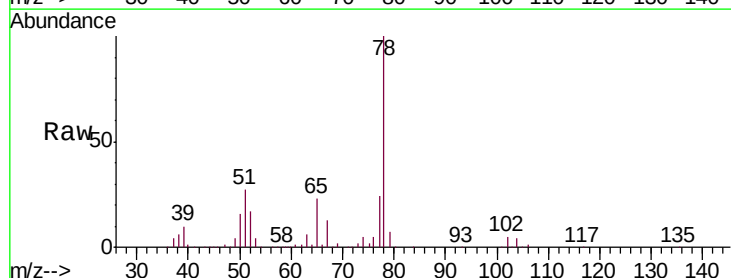
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

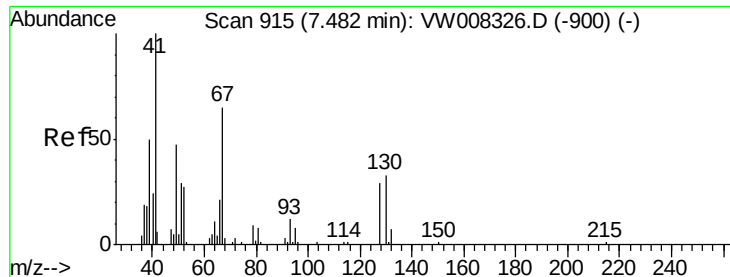
Tgt Ion: 83 Resp: 39232
Ion Ratio Lower Upper
83 100
55 80.1 61.1 91.7
98 47.3 42.5 63.7



#40
Benzene
Concen: 18.746 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 78 Resp: 95693
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

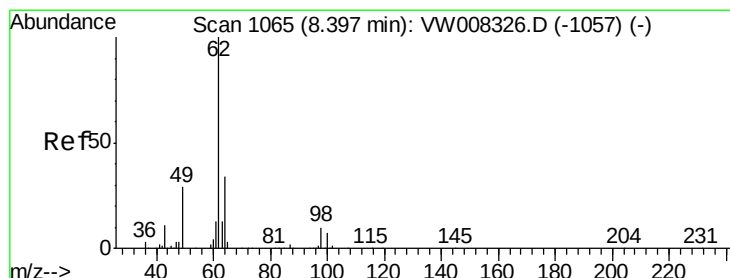
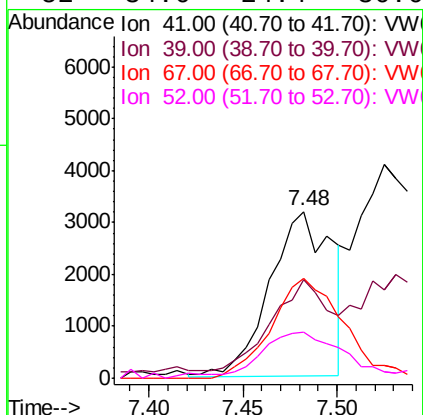
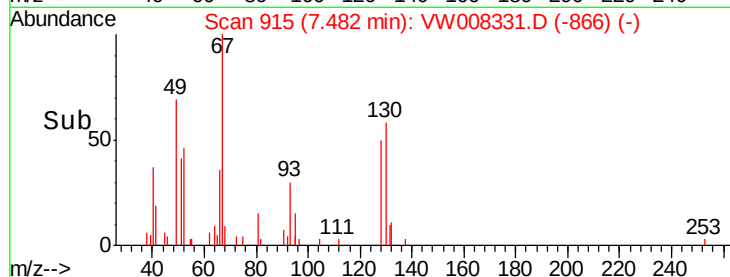
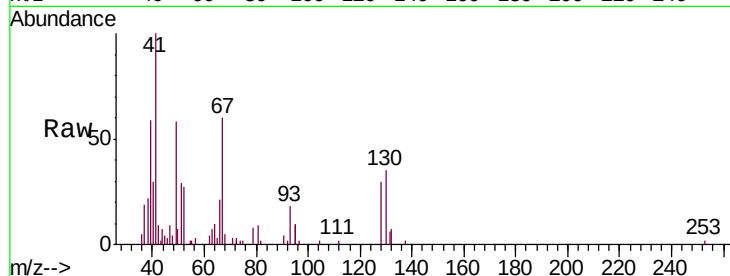




#41
Methacrylonitrile
Concen: 16.926 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

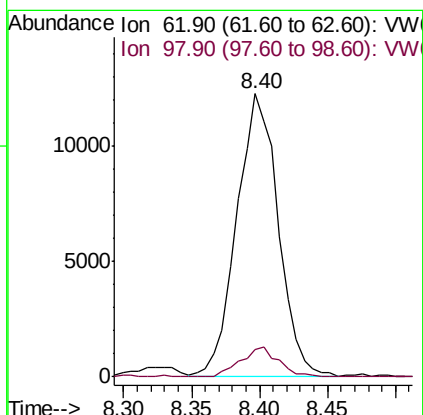
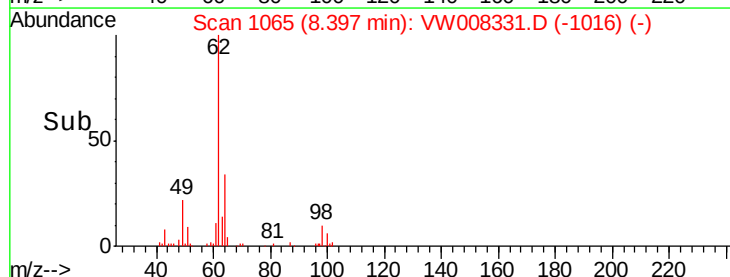
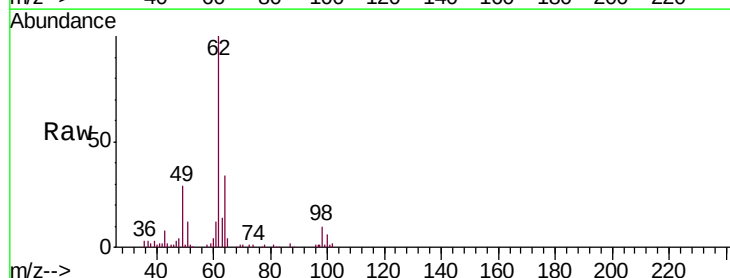
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

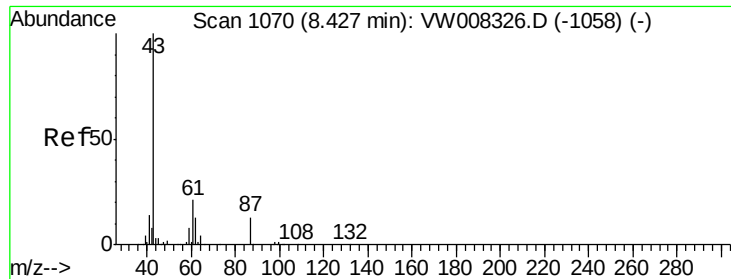
Tgt Ion:	41	Resp:	7322
Ion	Ratio	Lower	Upper
41	100		
39	51.1	44.9	67.3
67	69.3	56.9	85.3
52	34.6	24.4	36.6



#42
1,2-Dichloroethane
Concen: 18.379 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion:	62	Resp:	26234
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 16.761 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampled :

VW0117SBS01

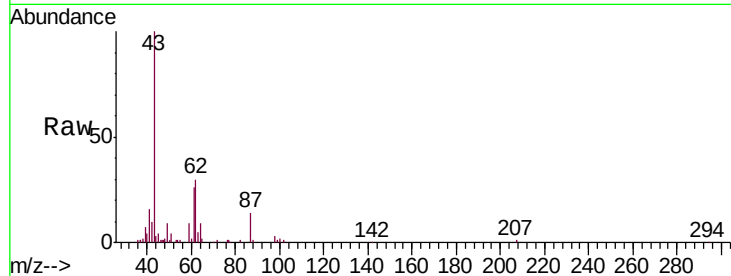
Tgt Ion: 43 Resp: 23528

Ion Ratio Lower Upper

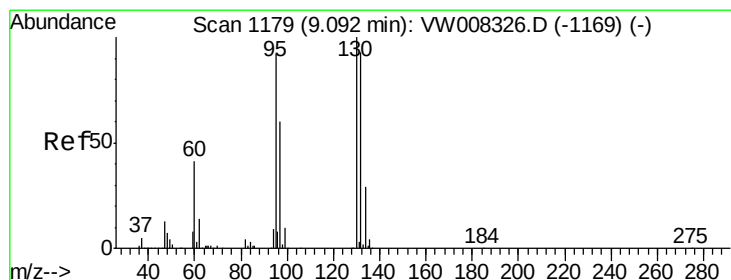
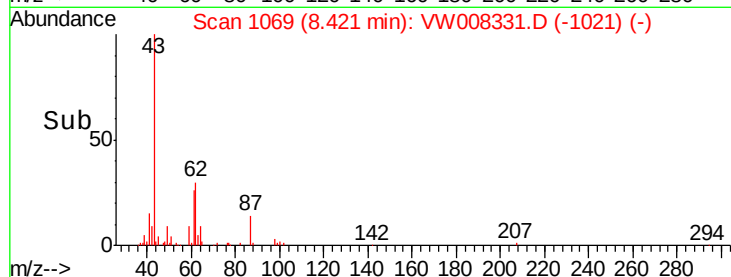
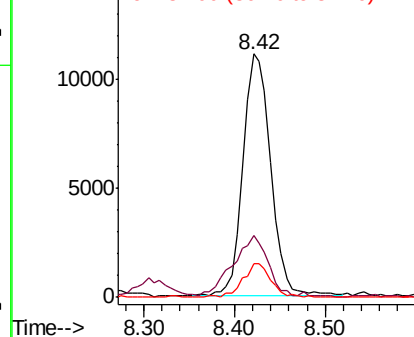
43 100

61 30.9 24.8 37.2

87 14.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW
15000 Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 18.751 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008331.D

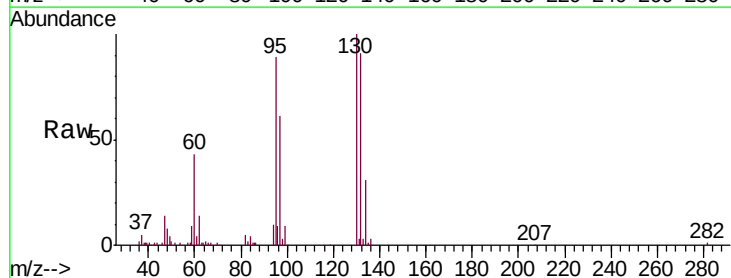
Acq: 17 Jan 2019 16:39

Tgt Ion: 130 Resp: 26224

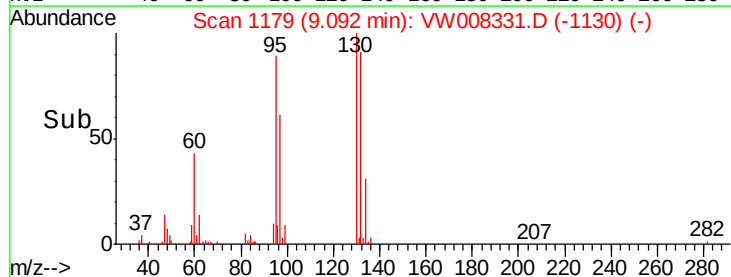
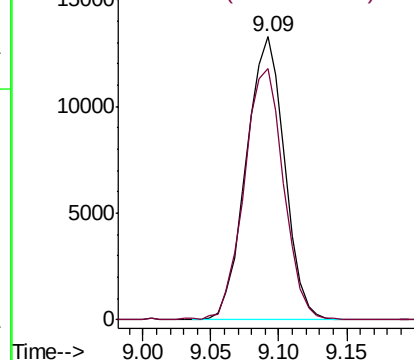
Ion Ratio Lower Upper

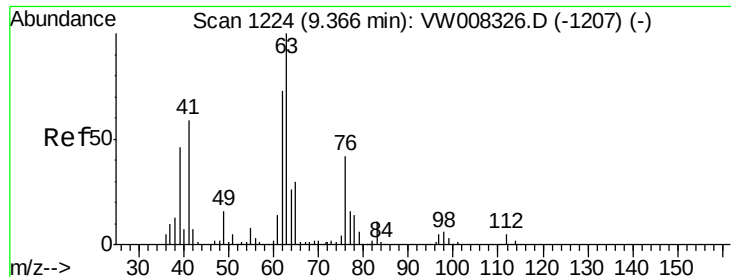
130 100

95 88.8 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V
15000 Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 18.634 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

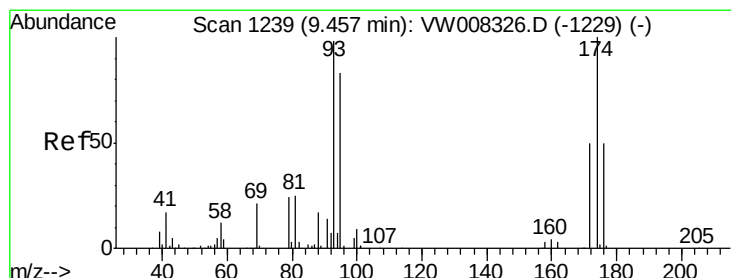
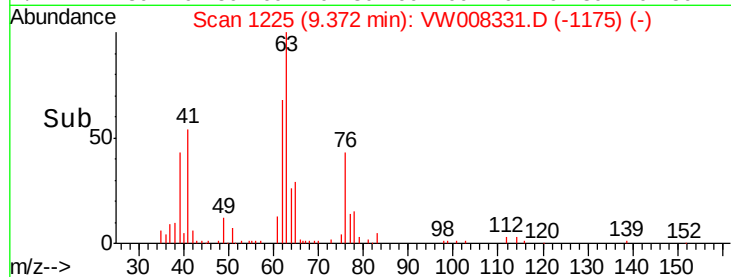
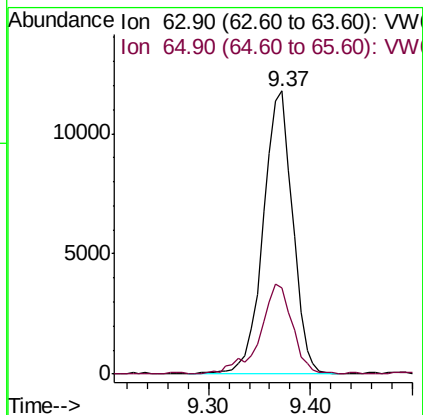
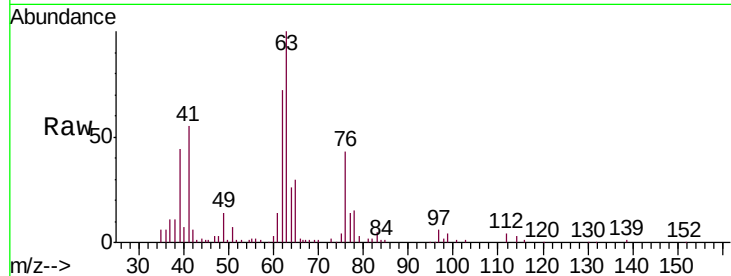
VW0117SBS01

Tgt Ion: 63 Resp: 23628

Ion Ratio Lower Upper

63 100

65 30.3 23.9 35.9



#46

Dibromomethane

Concen: 18.033 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

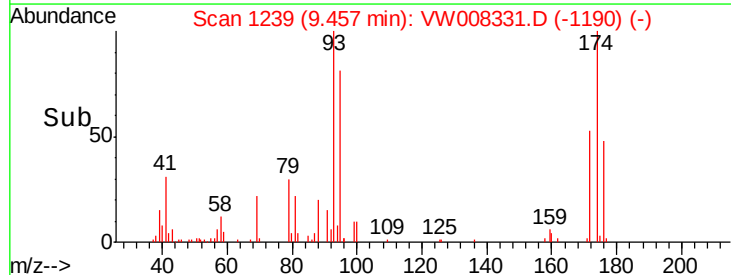
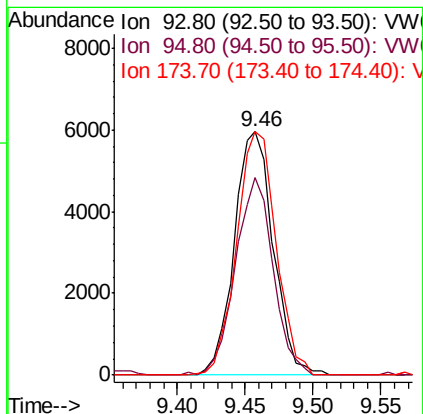
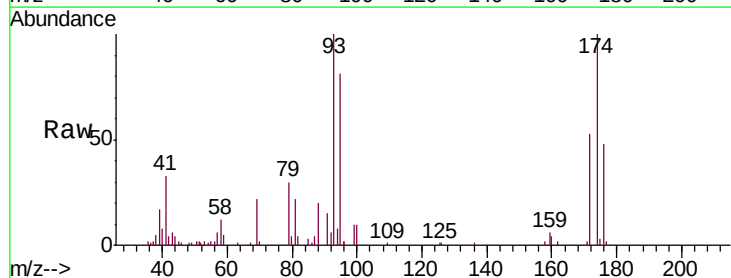
Tgt Ion: 93 Resp: 11917

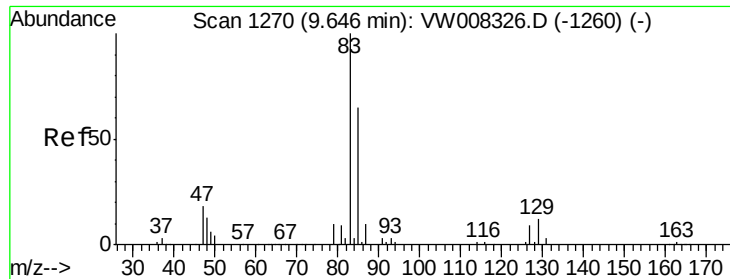
Ion Ratio Lower Upper

93 100

95 78.5 67.8 101.8

174 101.1 84.4 126.6





#47

Bromodichloromethane

Concen: 18.620 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

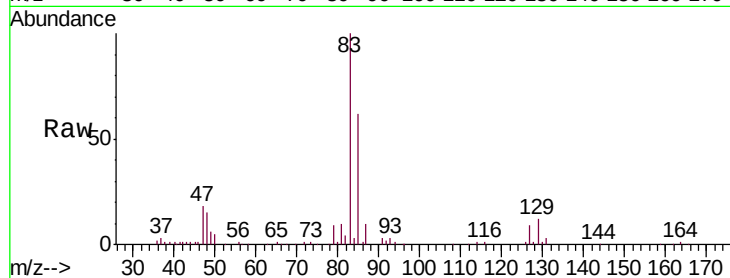
Tgt Ion: 83 Resp: 30352

Ion Ratio Lower Upper

83 100

85 62.4 51.6 77.4

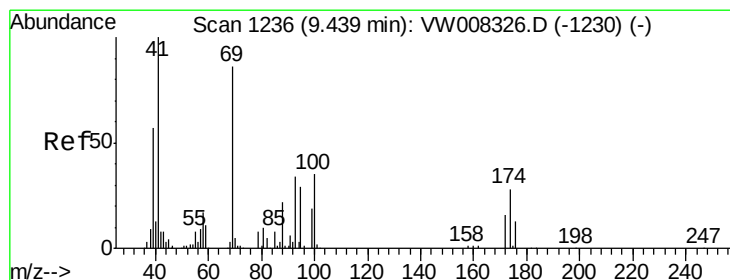
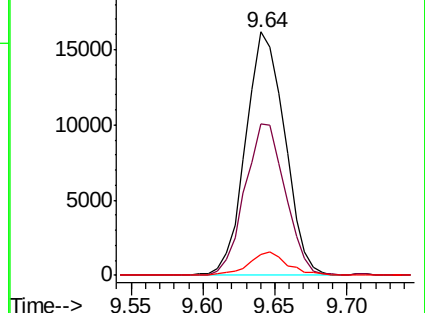
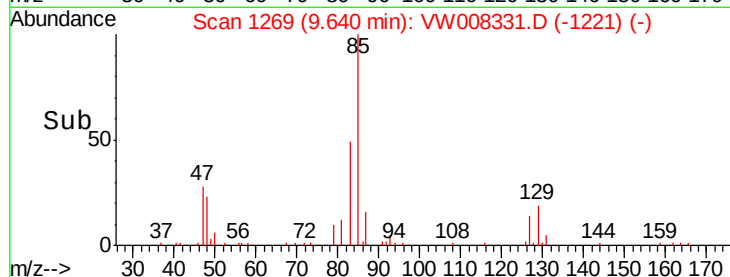
127 8.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.171 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

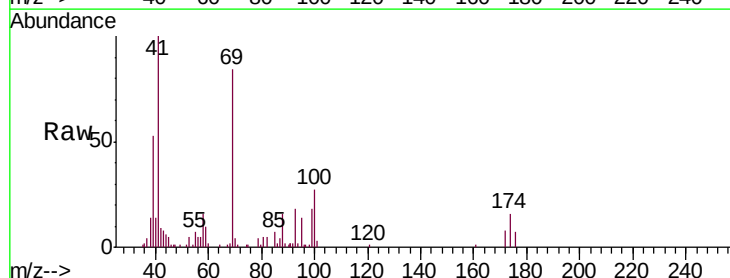
Tgt Ion: 41 Resp: 10686

Ion Ratio Lower Upper

41 100

69 90.7 68.2 102.4

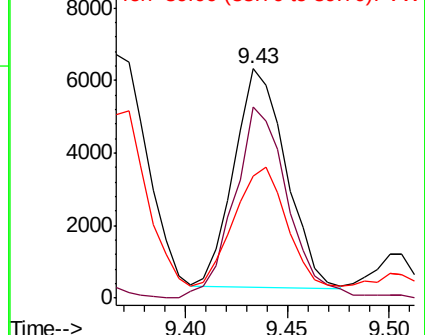
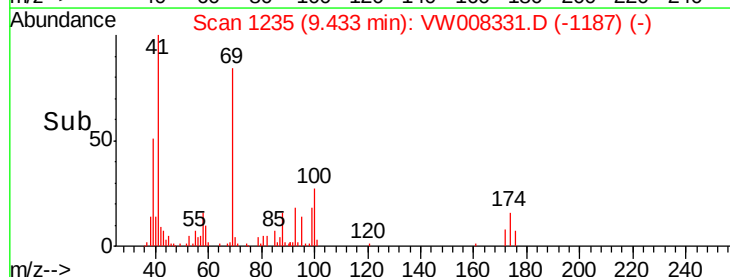
39 62.0 46.0 69.0

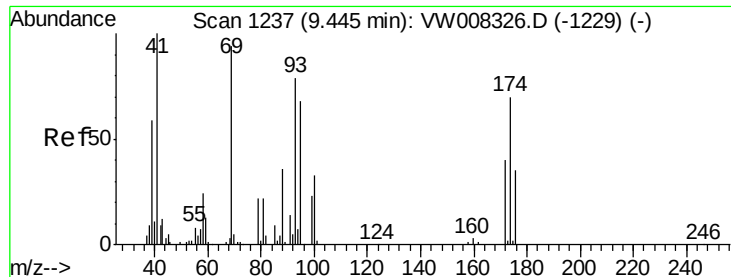


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

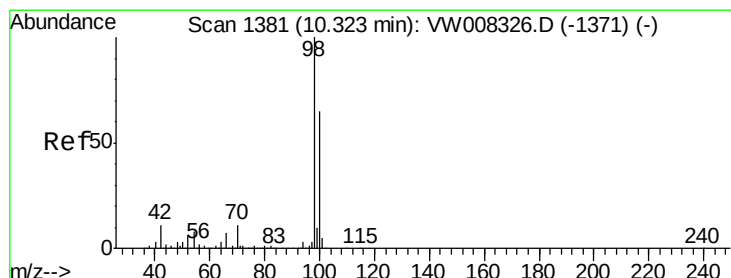
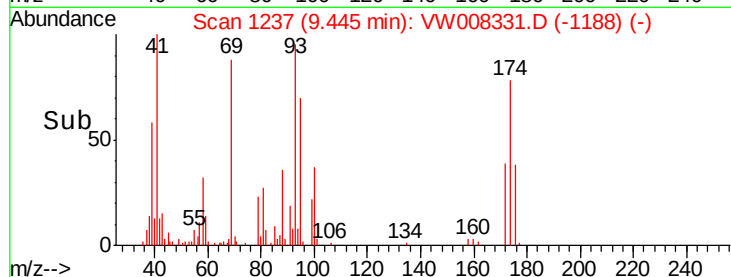
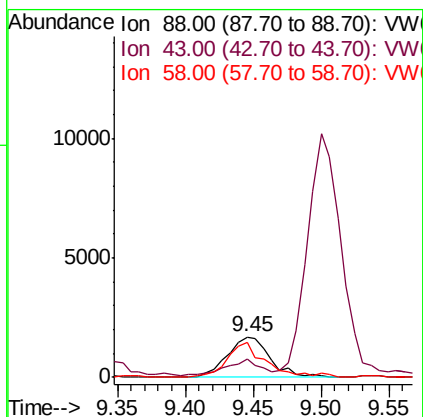
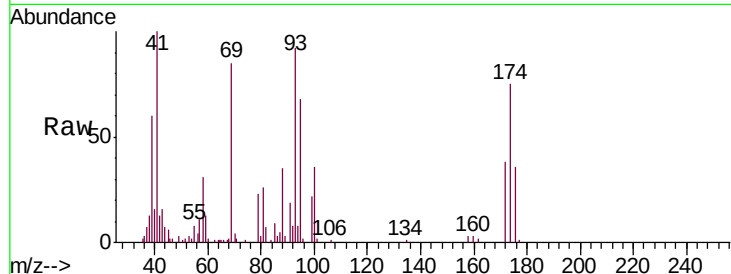




#49
1,4-Dioxane
Concen: 345.254 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

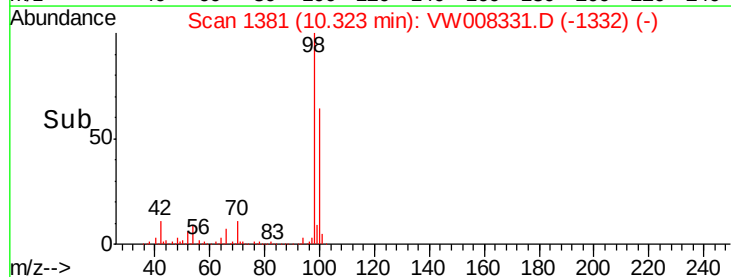
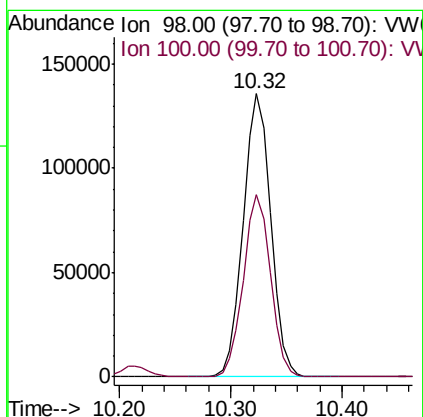
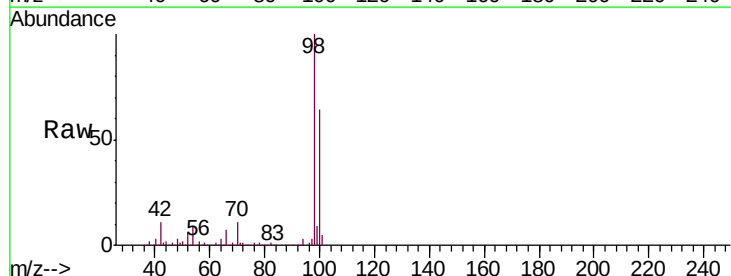
Instrument :
MSVOA_W
ClientSampled :
VW0117SBS01

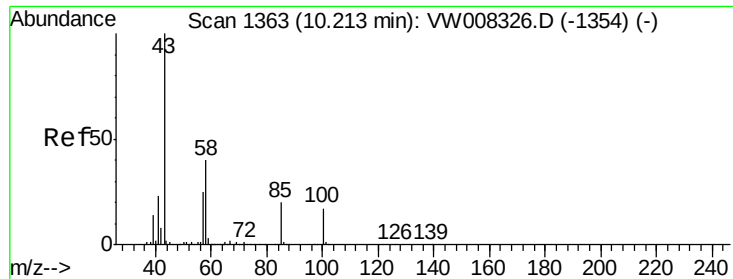
Tgt Ion: 88 Resp: 3673
Ion Ratio Lower Upper
88 100
43 39.0 27.1 40.7
58 78.4 57.9 86.9



#50
Toluene-d8
Concen: 51.971 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 98 Resp: 233438
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

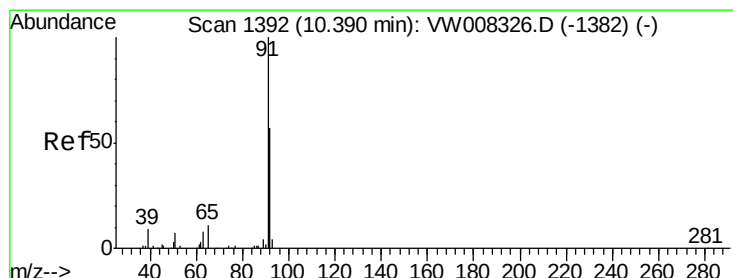
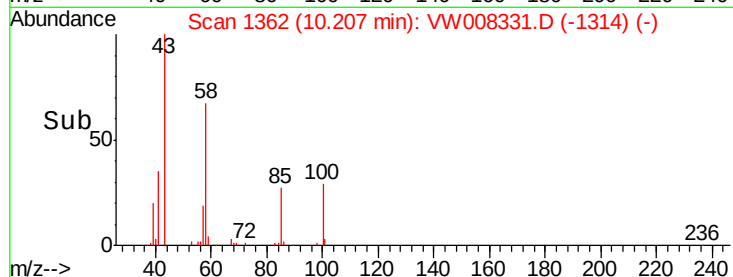
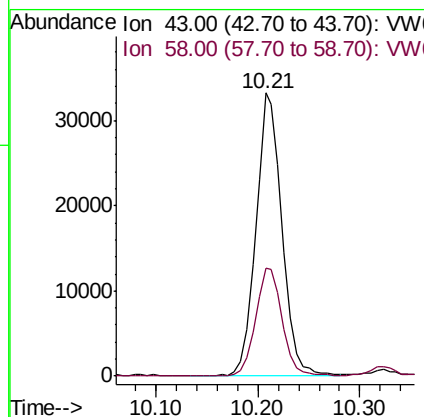
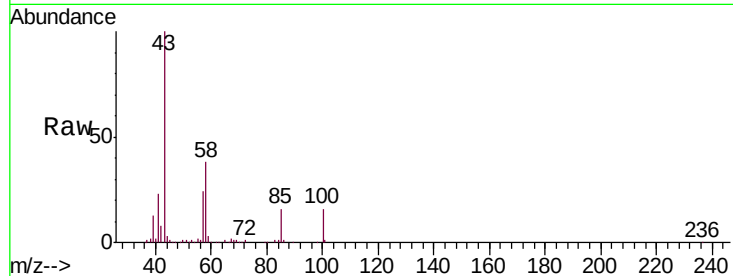




#51
 4-Methyl-2-Pentanone
 Concen: 83.436 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

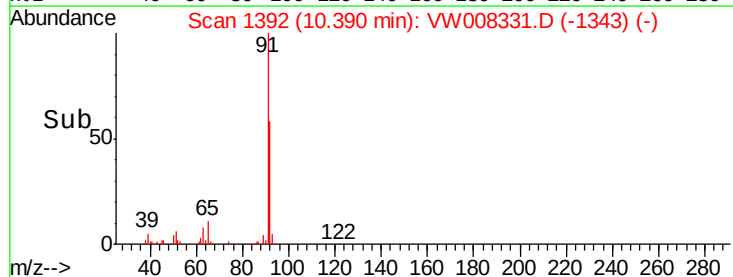
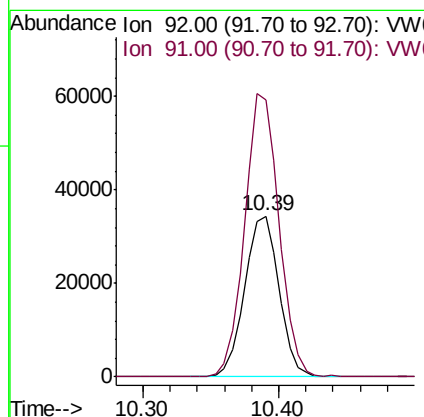
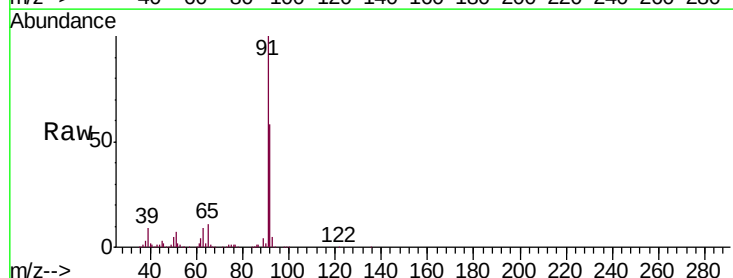
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

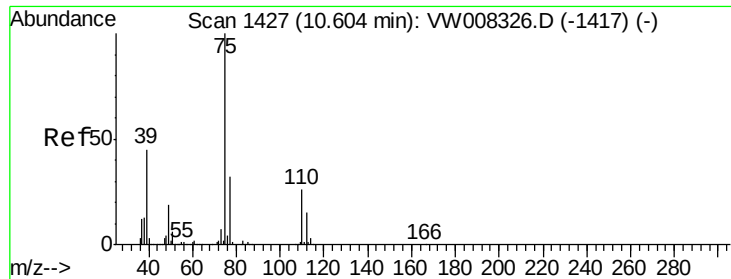
Tgt Ion: 43 Resp: 59304
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.4 47.0



#52
 Toluene
 Concen: 18.891 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 92 Resp: 61026
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 17.506 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

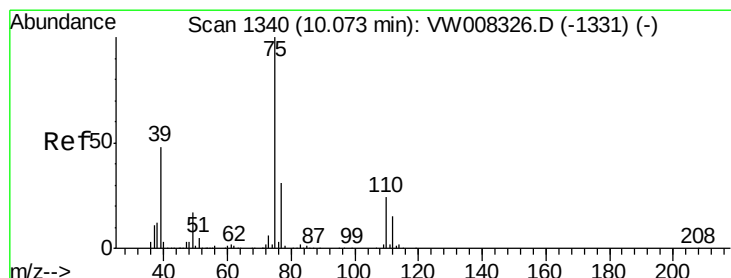
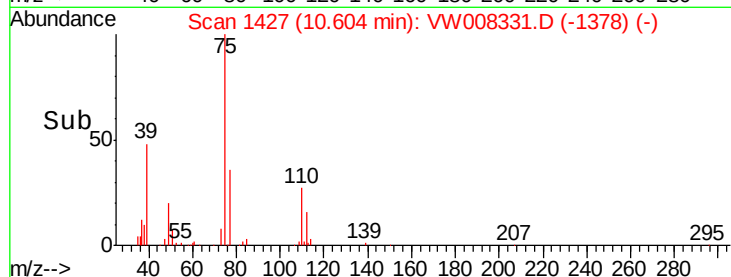
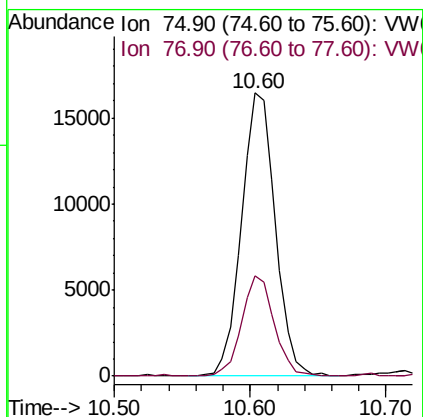
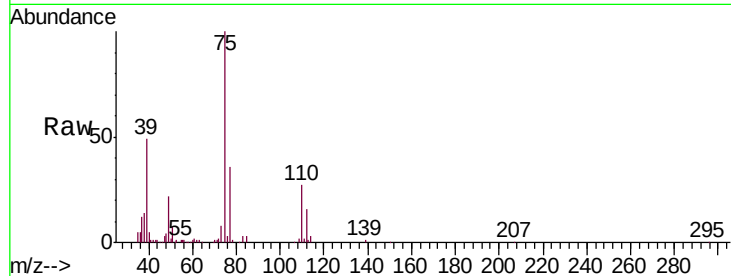
VW0117SBS01

Tgt Ion: 75 Resp: 28481

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.339 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

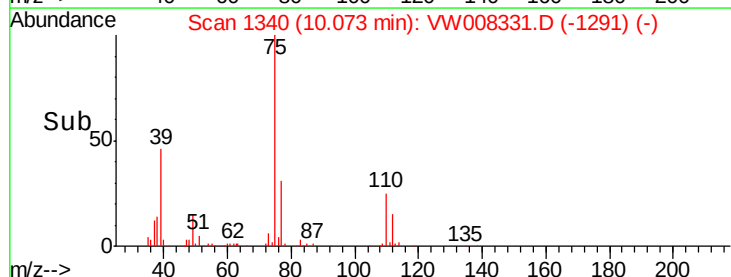
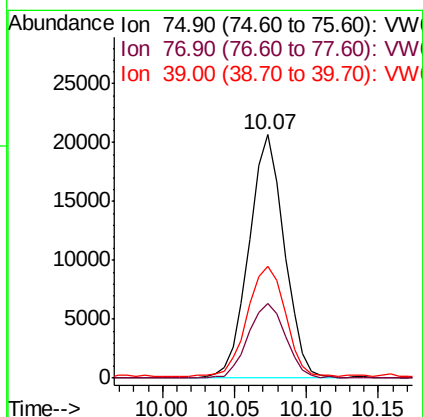
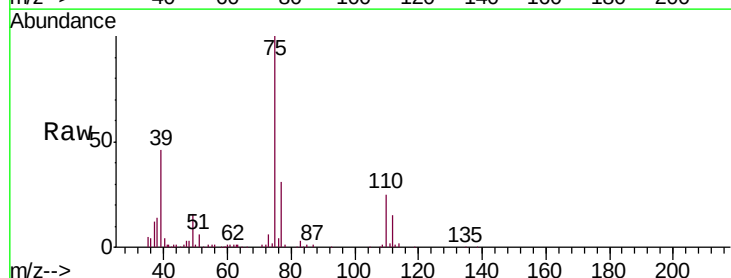
Tgt Ion: 75 Resp: 35173

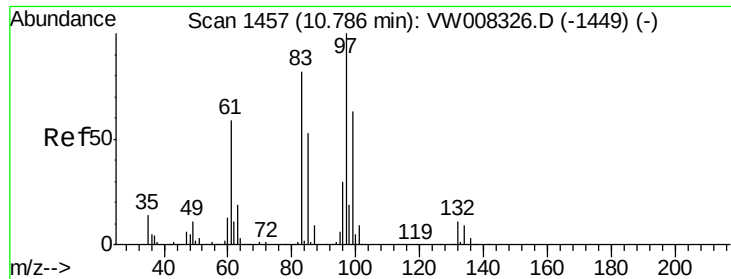
Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6

39 44.9 38.6 57.8

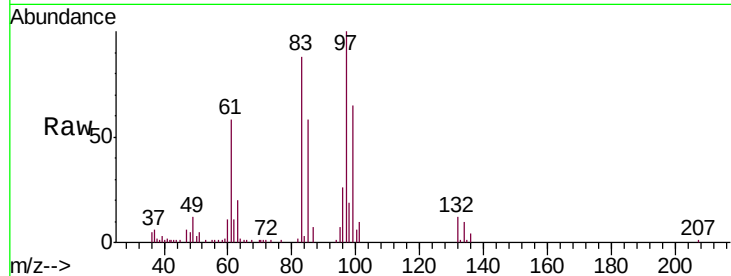




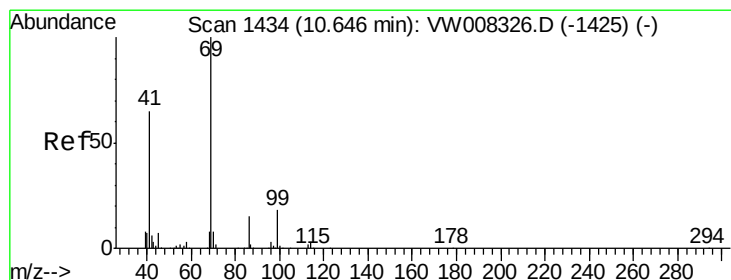
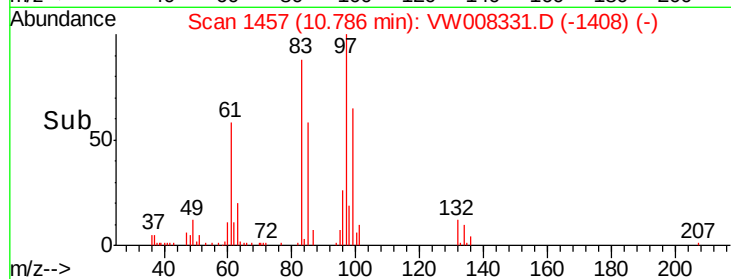
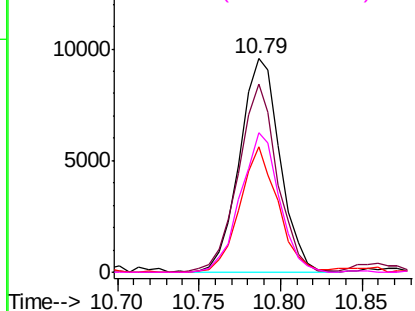
#55
 1,1,2-Trichloroethane
 Concen: 18.039 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

Tgt Ion:	97	Resp:	16535
Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.3	97.9
85	58.5	42.6	64.0
99	65.4	50.2	75.2

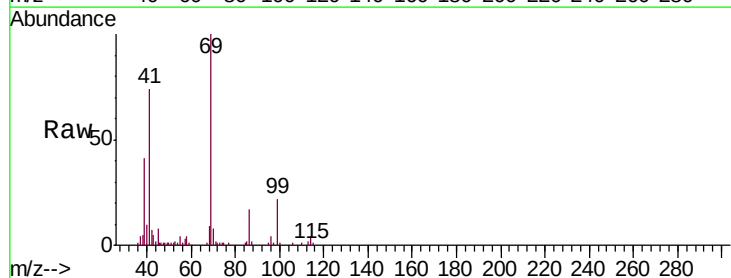


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

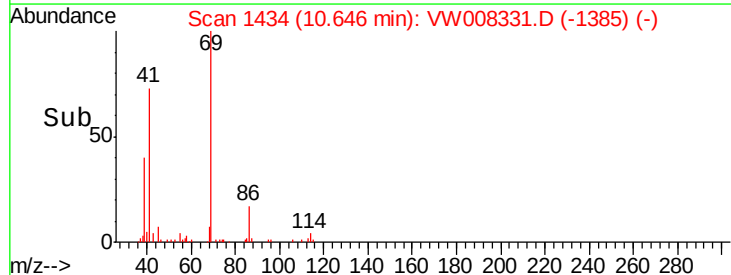
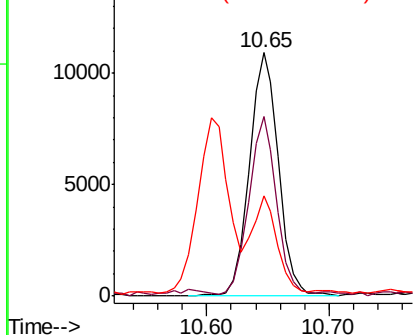


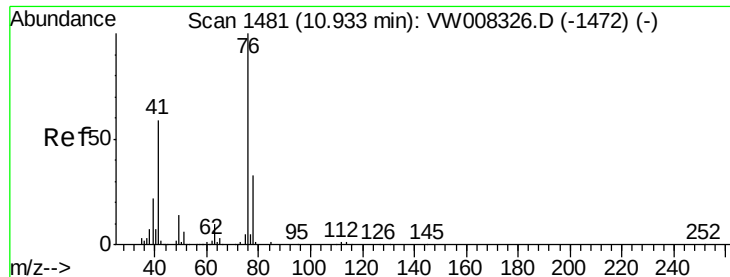
#56
 Ethyl methacrylate
 Concen: 16.749 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion:	69	Resp:	18030
Ion	Ratio	Lower	Upper
69	100		
41	73.0	52.9	79.3
39	34.1	28.4	42.6



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

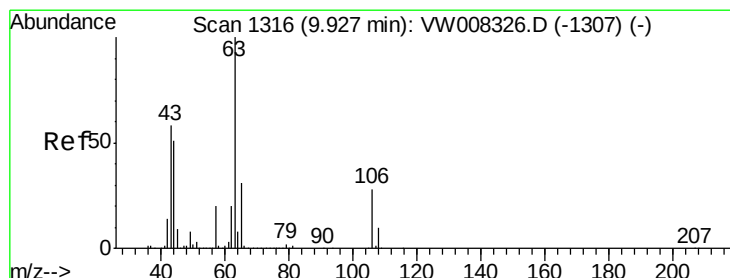
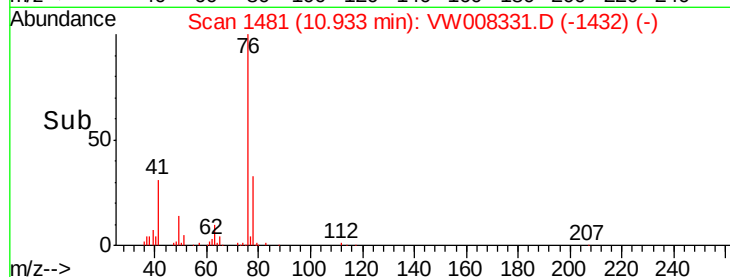
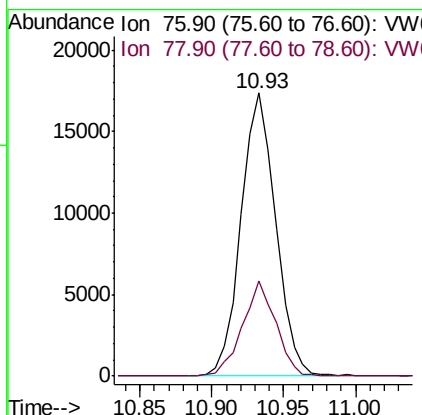
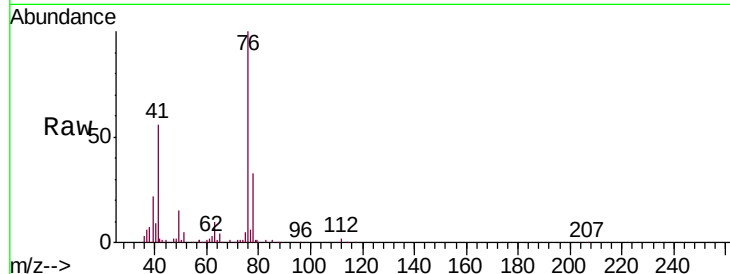




#57
 1,3-Dichloropropane
 Concen: 18.226 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

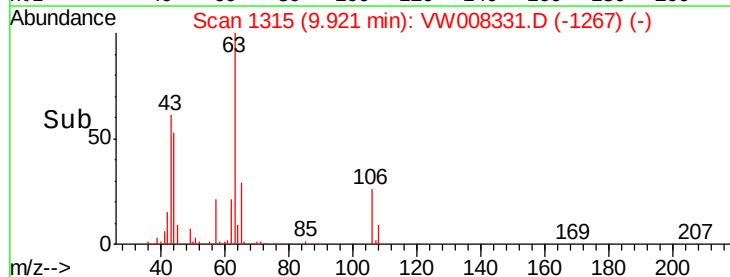
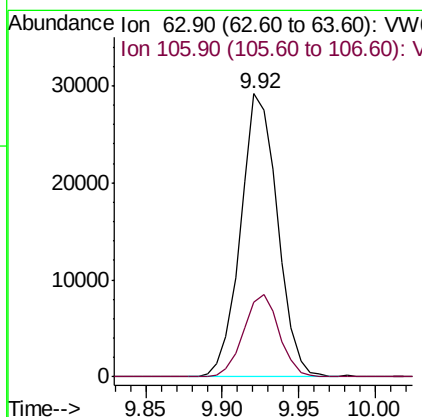
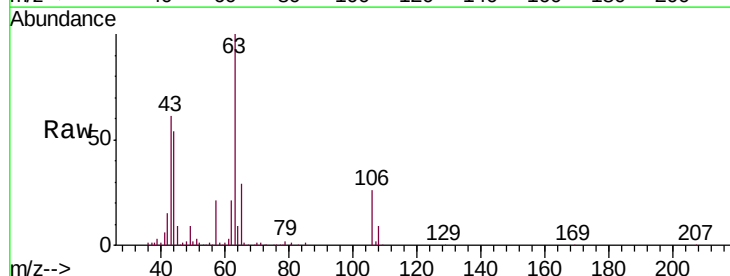
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

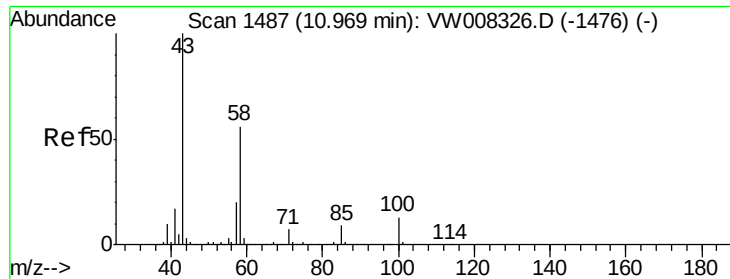
Tgt Ion: 76 Resp: 29007
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.997 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 63 Resp: 48808
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3





#59

2-Hexanone

Concen: 82.606 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

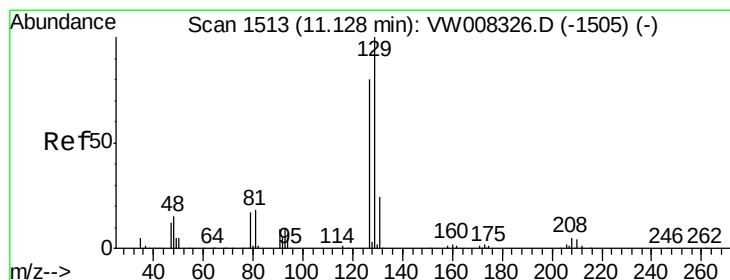
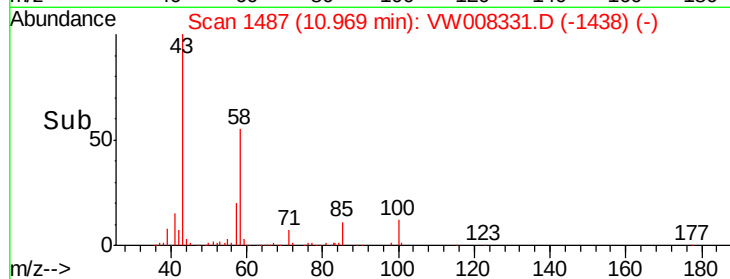
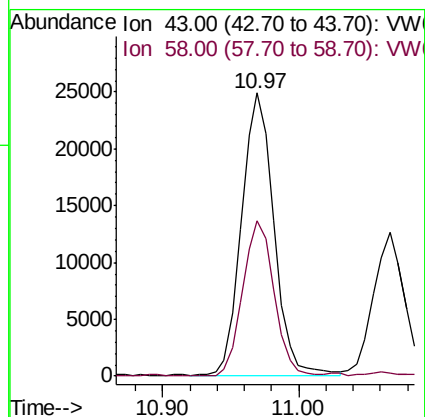
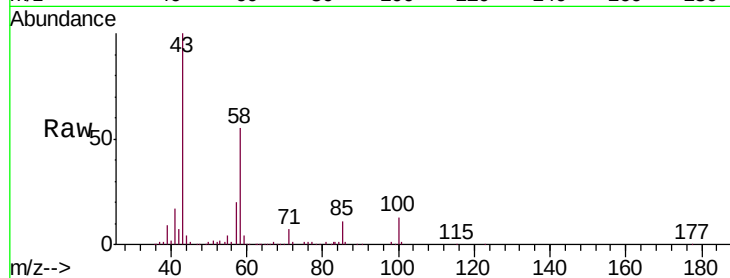
VW0117SBS01

Tgt Ion: 43 Resp: 41139

Ion Ratio Lower Upper

43 100

58 53.7 27.5 82.5



#60

Dibromochloromethane

Concen: 18.010 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008331.D

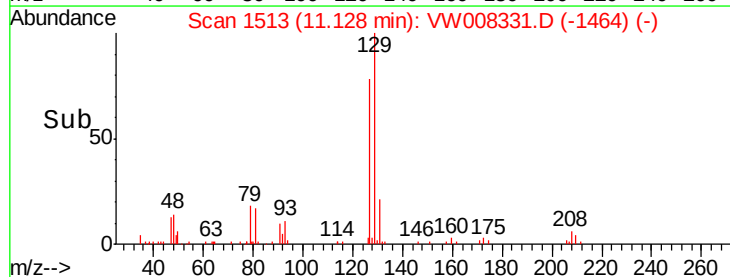
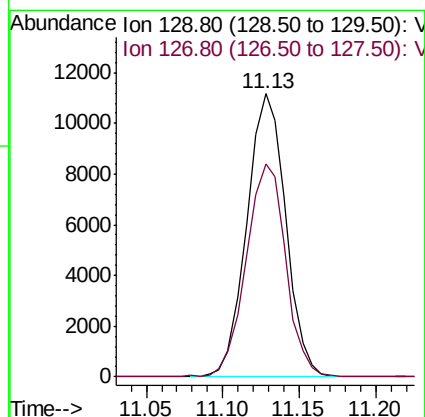
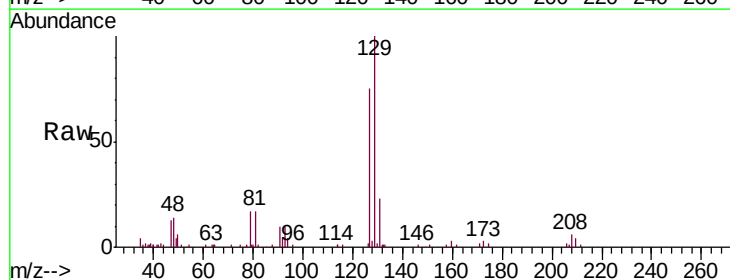
Acq: 17 Jan 2019 16:39

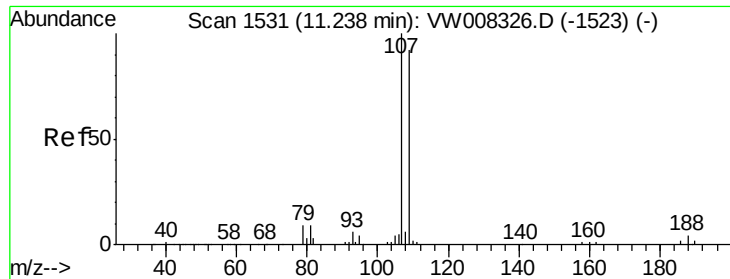
Tgt Ion: 129 Resp: 19702

Ion Ratio Lower Upper

129 100

127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.236 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

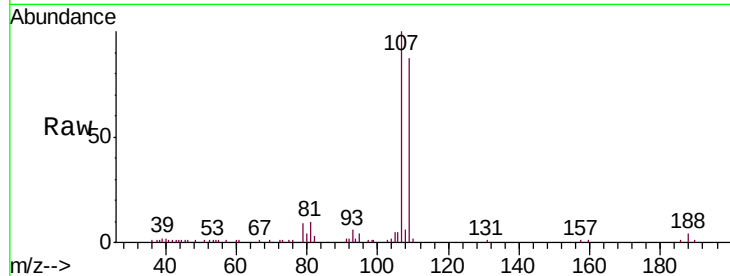
VW0117SBS01

Tgt Ion: 107 Resp: 15299

Ion Ratio Lower Upper

107 100

109 96.6 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

10000

8000

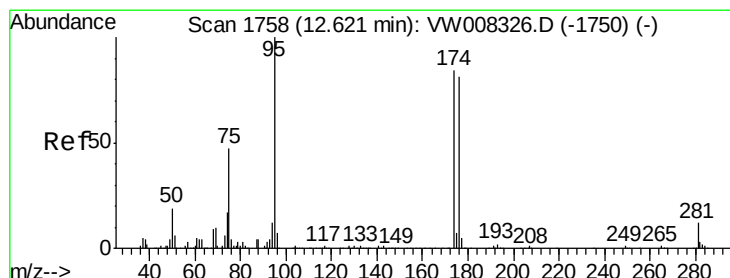
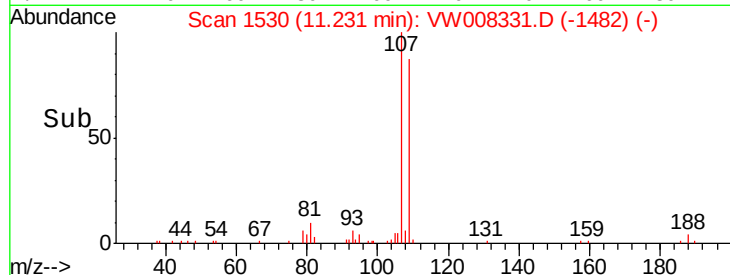
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 49.738 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

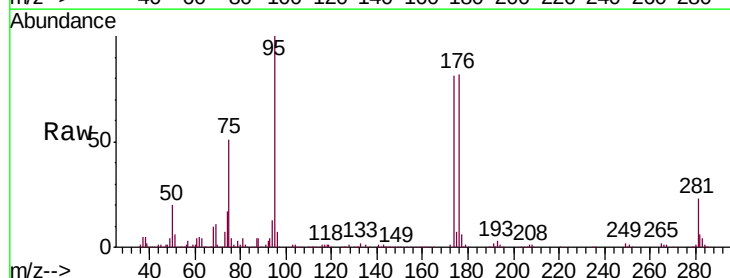
Tgt Ion: 95 Resp: 80126

Ion Ratio Lower Upper

95 100

174 79.8 0.0 166.0

176 77.9 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

12.62

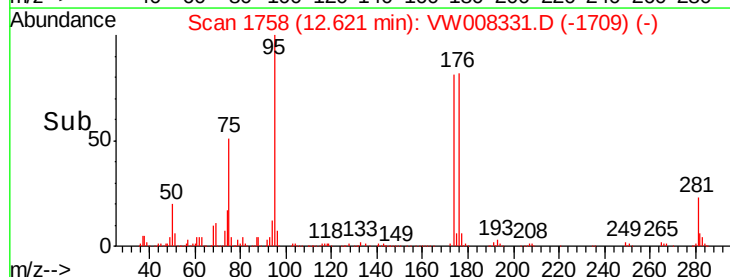
60000

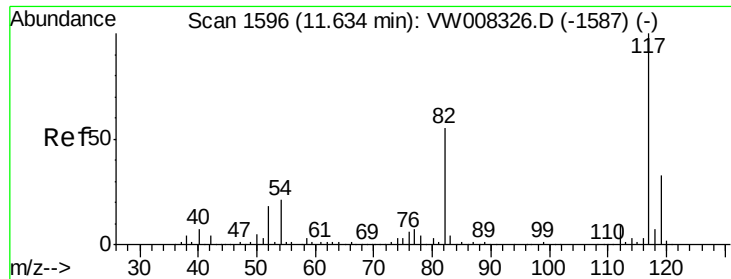
40000

20000

0

Time--> 12.60 12.70

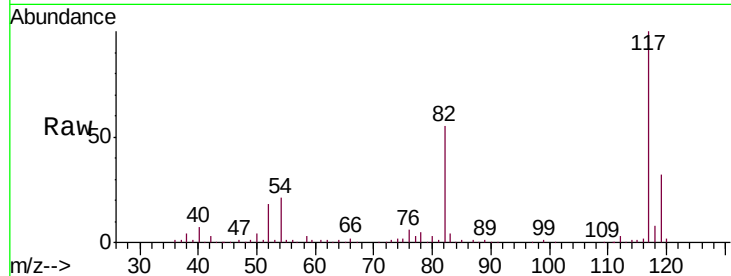




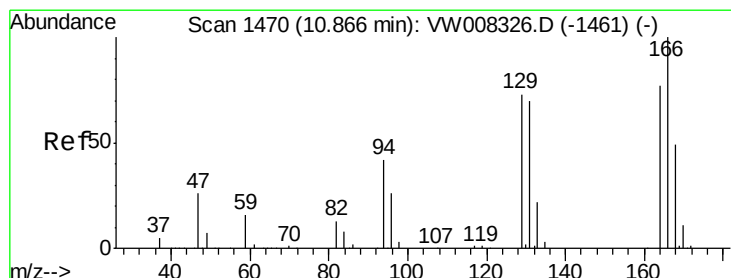
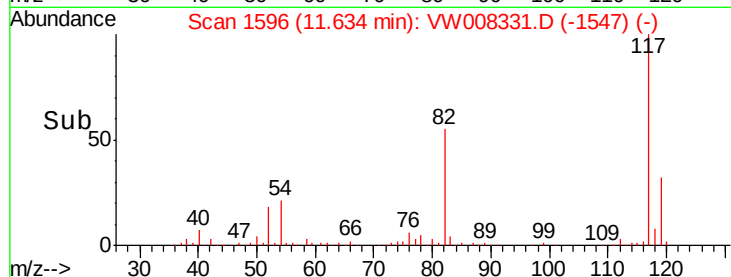
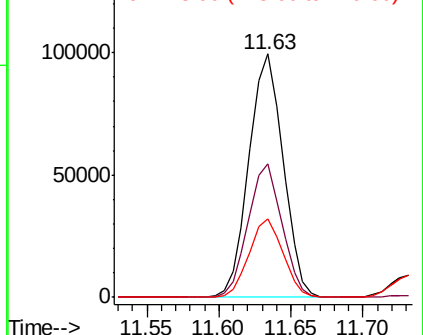
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Tgt Ion:117 Resp: 163807
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.1 26.3 39.5

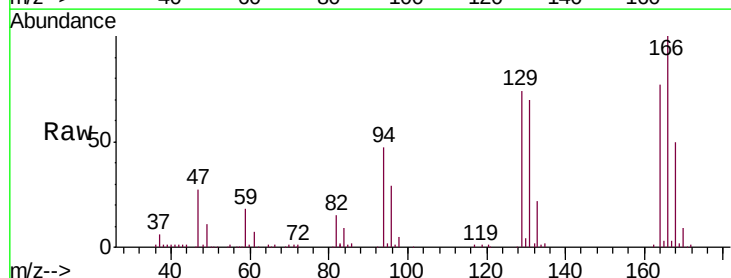


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

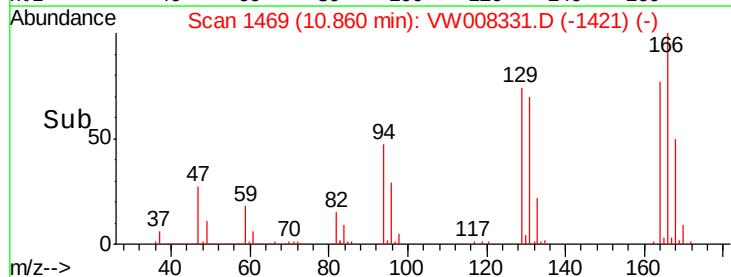
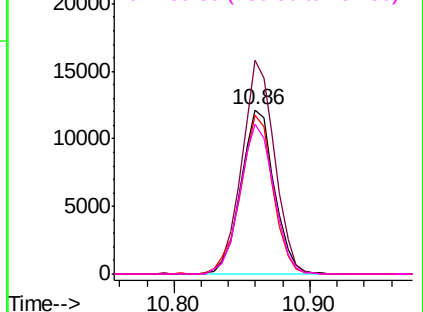


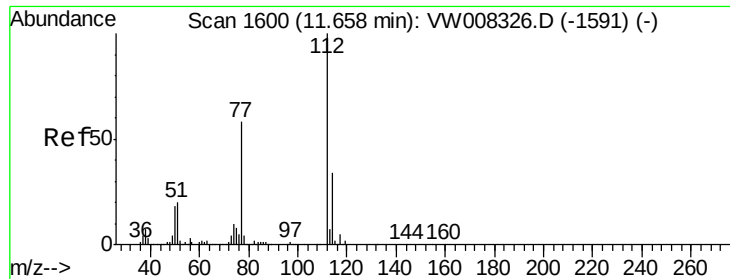
#64
Tetrachloroethene
Concen: 18.072 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion:164 Resp: 20757
Ion Ratio Lower Upper
164 100
166 130.0 103.4 155.2
129 96.5 75.0 112.6
131 91.0 72.9 109.3



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

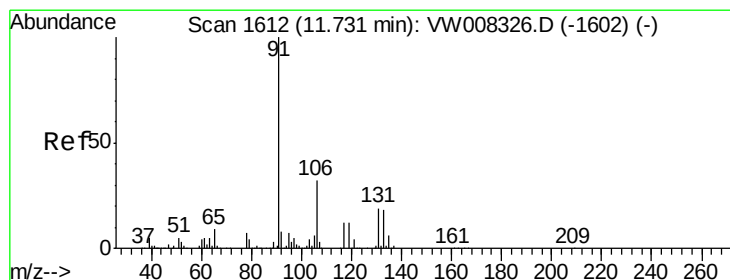
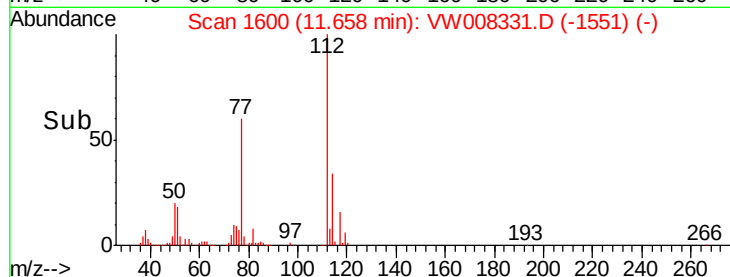
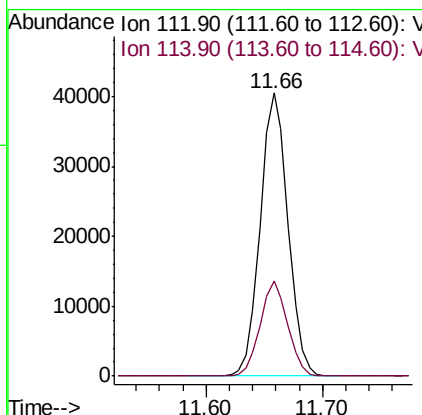
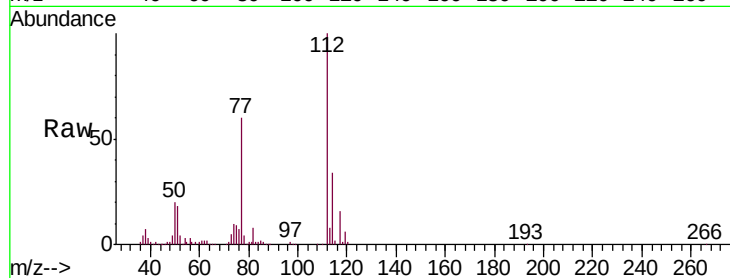




#65
Chlorobenzene
Concen: 18.658 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

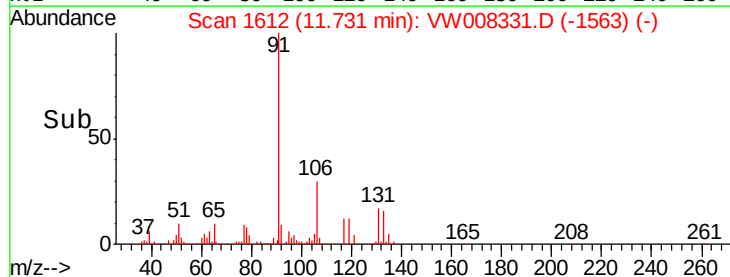
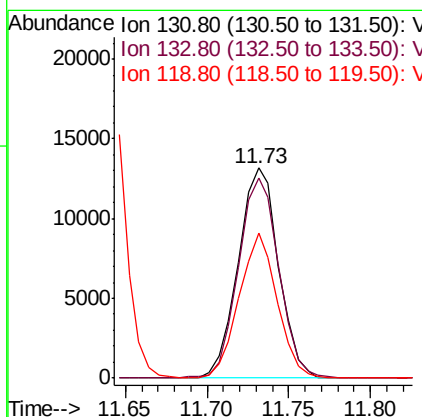
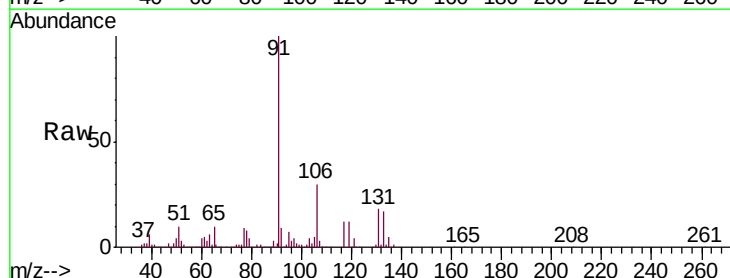
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

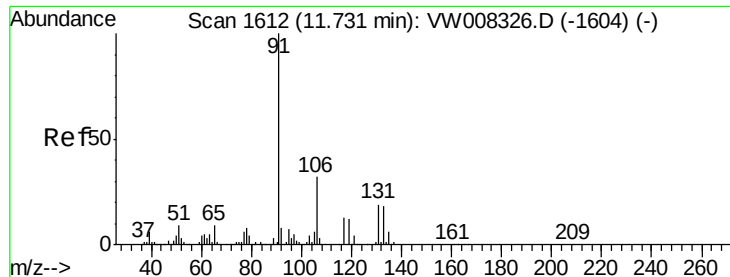
Tgt Ion:112 Resp: 66664
Ion Ratio Lower Upper
112 100
114 33.6 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.424 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion:131 Resp: 22657
Ion Ratio Lower Upper
131 100
133 95.5 48.2 144.6
119 65.0 31.6 94.7





#67

Ethyl Benzene

Concen: 18.977 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

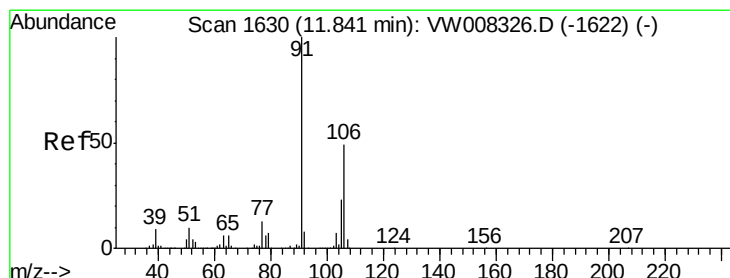
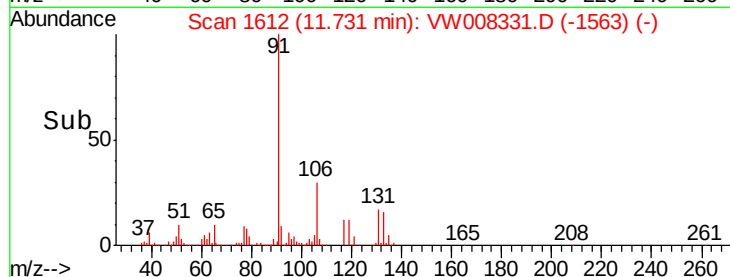
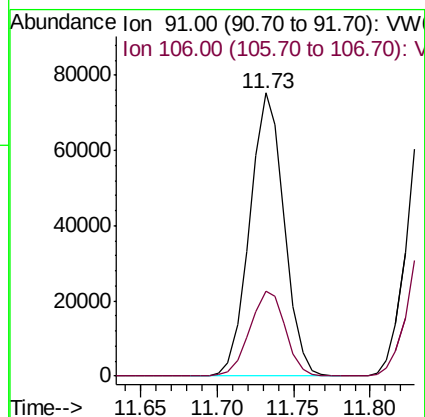
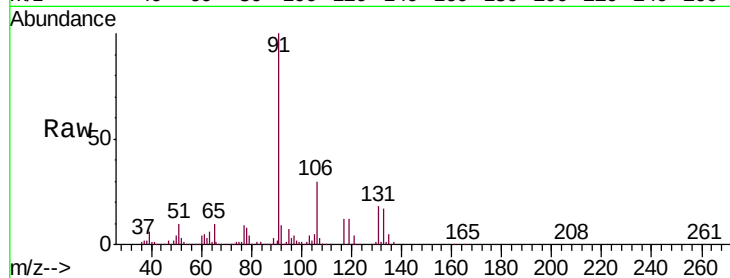
VW0117SBS01

Tgt Ion: 91 Resp: 117731

Ion Ratio Lower Upper

91 100

106 30.2 25.4 38.2



#68

m/p-Xylenes

Concen: 38.849 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008331.D

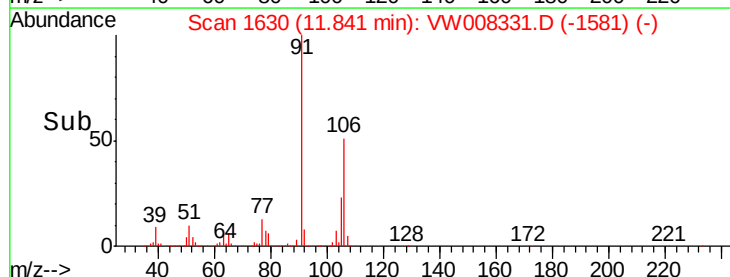
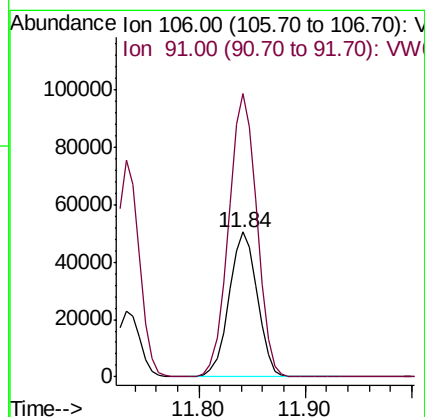
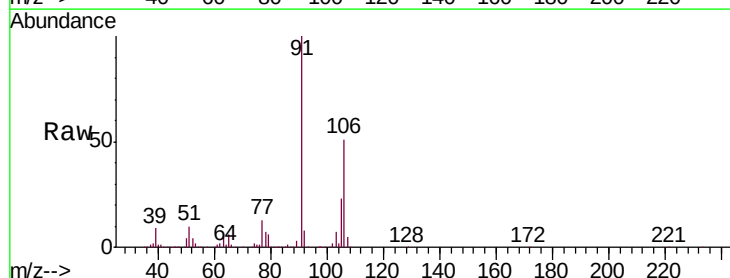
Acq: 17 Jan 2019 16:39

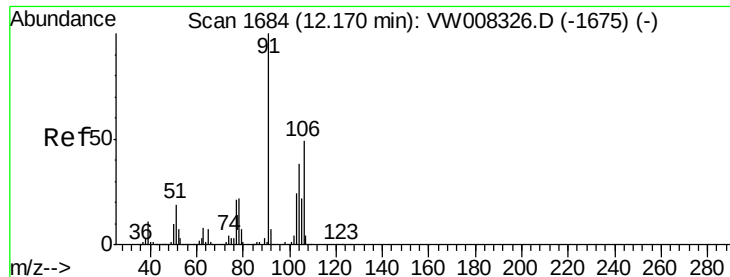
Tgt Ion: 106 Resp: 93549

Ion Ratio Lower Upper

106 100

91 195.1 158.4 237.6

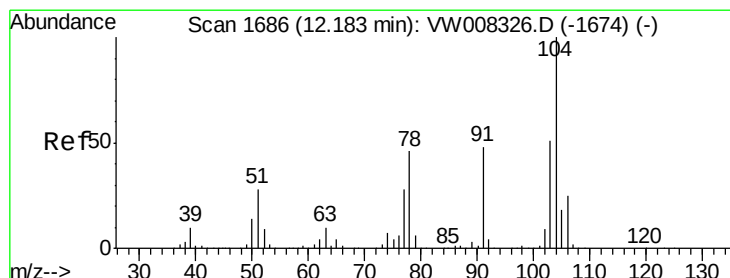
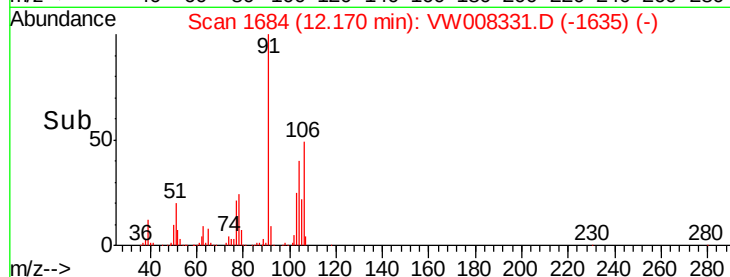
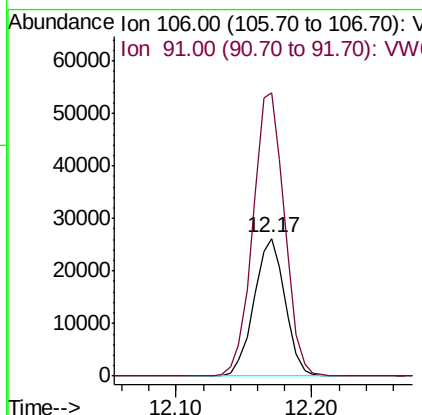
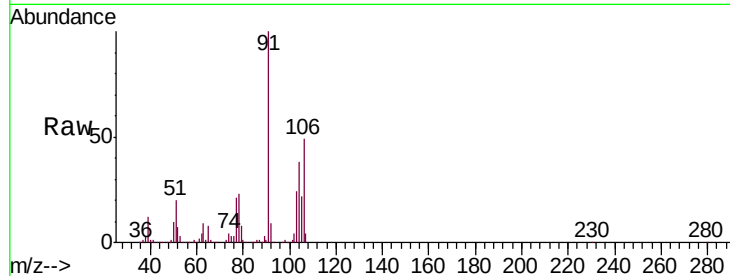




#69
o-Xylene
Concen: 18.712 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

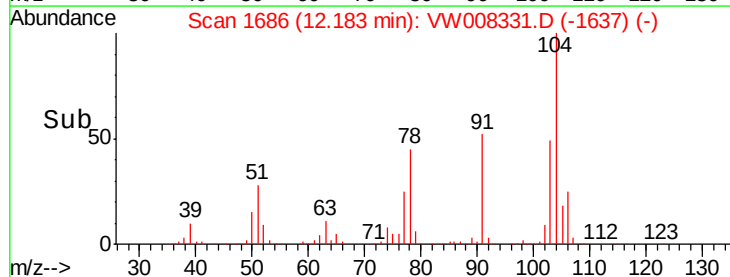
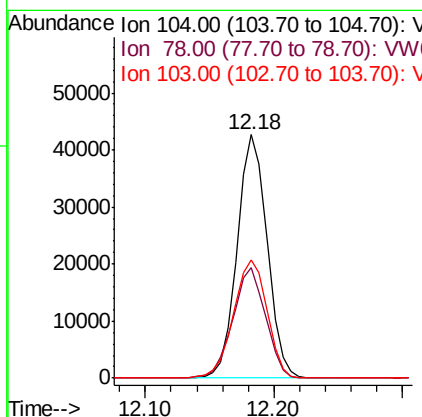
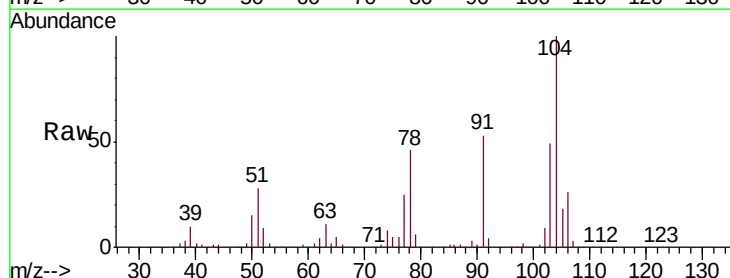
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

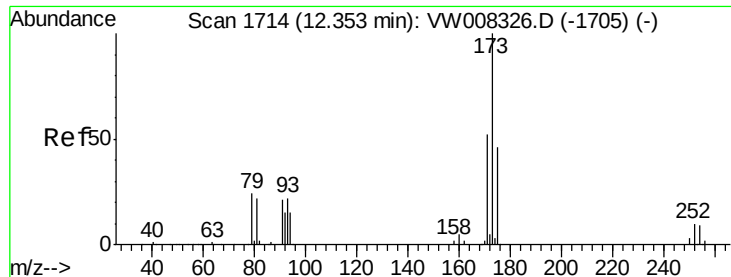
Tgt Ion:106 Resp: 42097
Ion Ratio Lower Upper
106 100
91 209.0 104.1 312.3



#70
Styrene
Concen: 19.035 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion:104 Resp: 68785
Ion Ratio Lower Upper
104 100
78 50.1 39.8 59.6
103 54.3 44.0 66.0





#71

Bromoform

Concen: 17.249 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

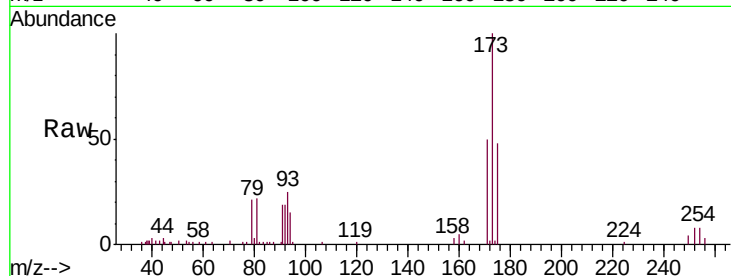
Tgt Ion:173 Resp: 10567

Ion Ratio Lower Upper

173 100

175 49.0 23.6 70.8

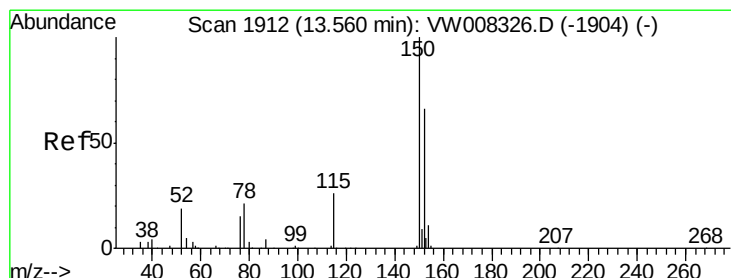
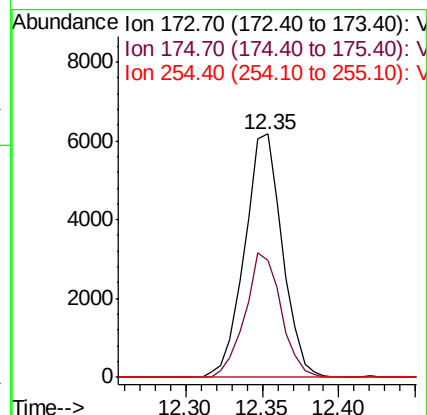
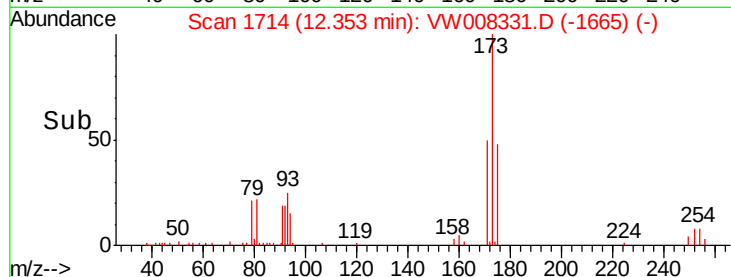
254 0.0 0.2 0.2#



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

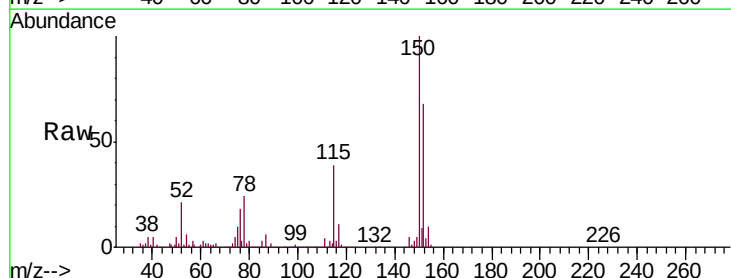
Tgt Ion:152 Resp: 82717

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.4

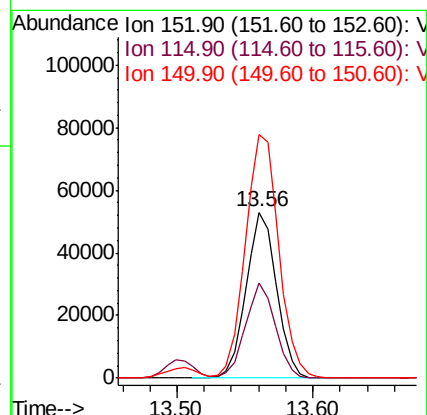
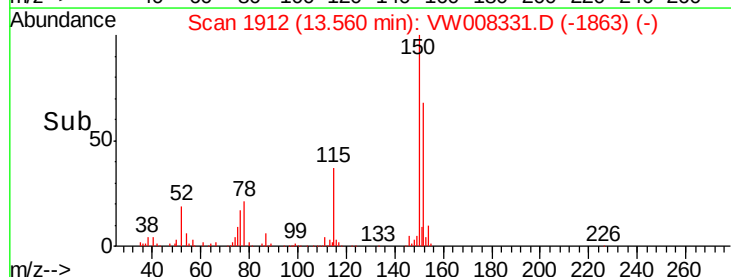
150 161.4 0.0 351.4

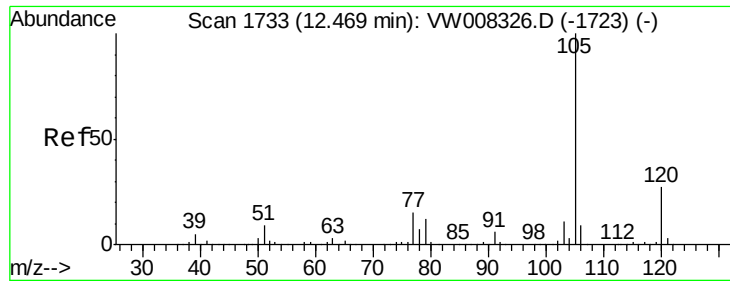


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.377 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

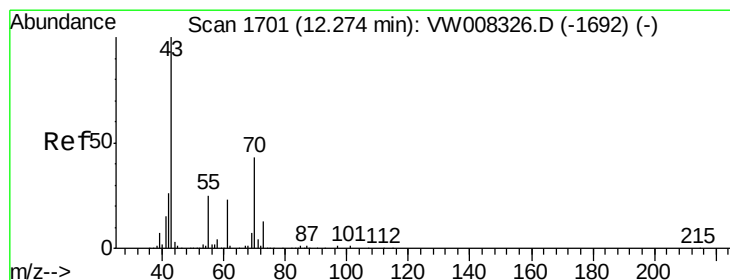
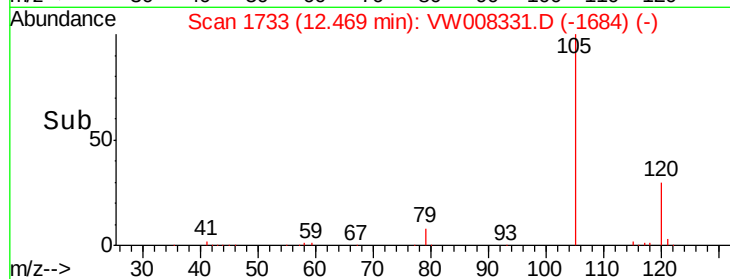
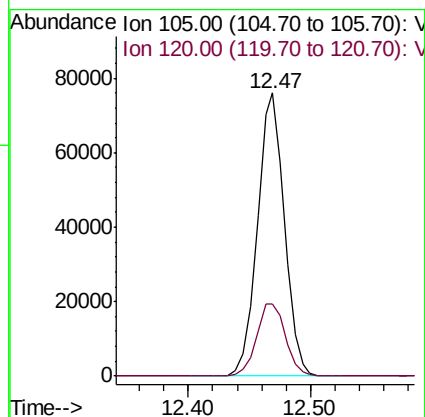
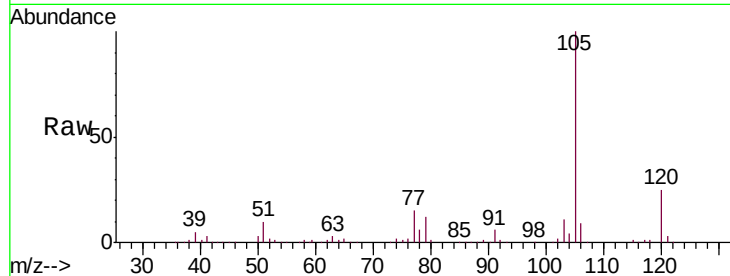
VW0117SBS01

Tgt Ion:105 Resp: 116782

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#74

N-ethyl acetate

Concen: 16.897 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Tgt Ion: 43 Resp: 21824

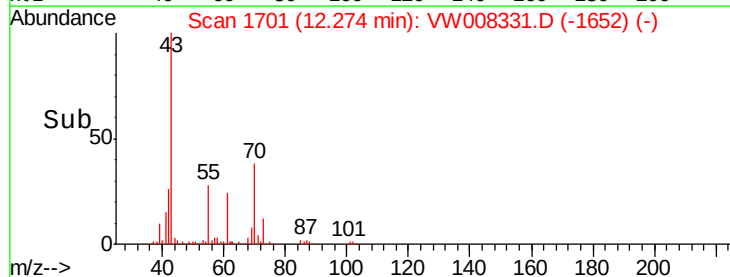
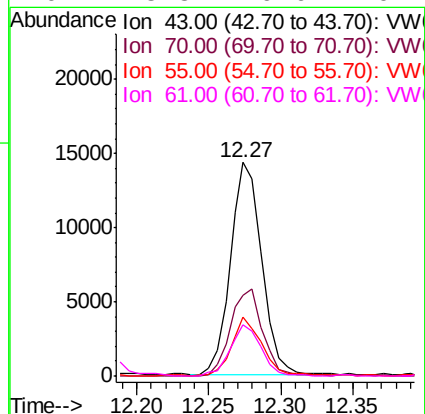
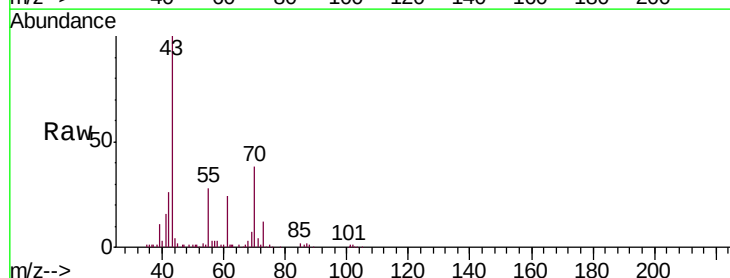
Ion Ratio Lower Upper

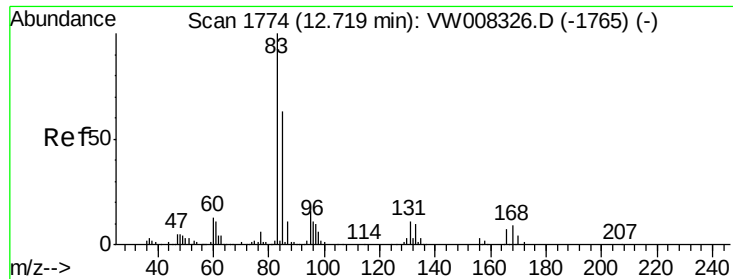
43 100

70 42.0 34.6 52.0

55 27.0 20.0 30.0

61 23.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.886 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

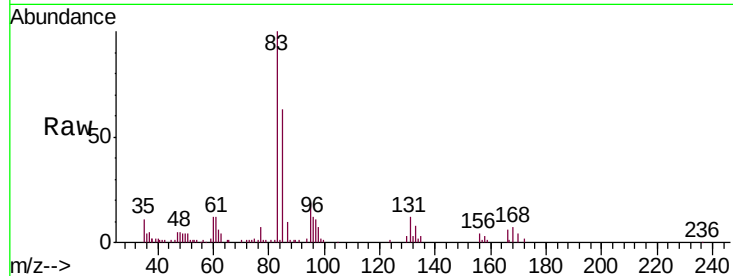
Tgt Ion: 83 Resp: 18336

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

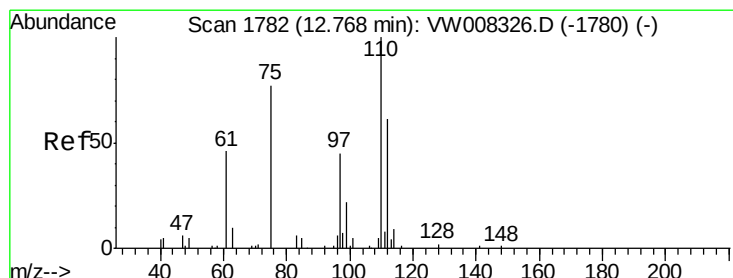
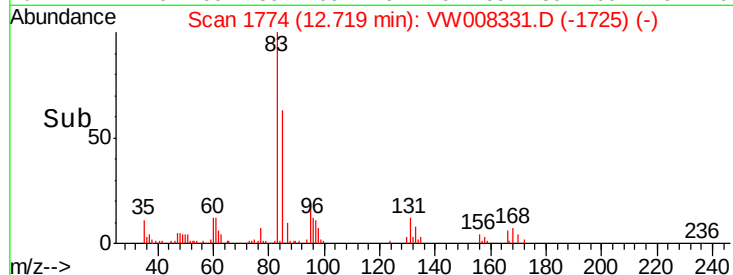
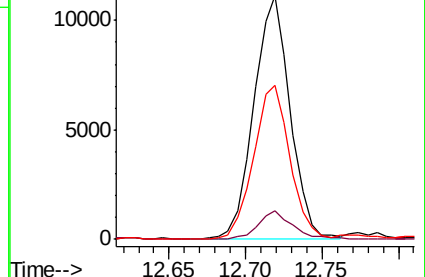
85 63.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 31.479 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008331.D

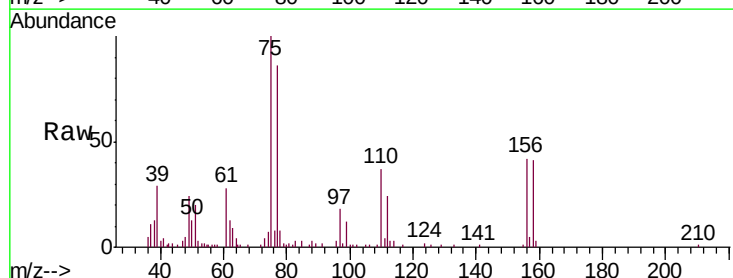
Acq: 17 Jan 2019 16:39

Tgt Ion: 75 Resp: 23712

Ion Ratio Lower Upper

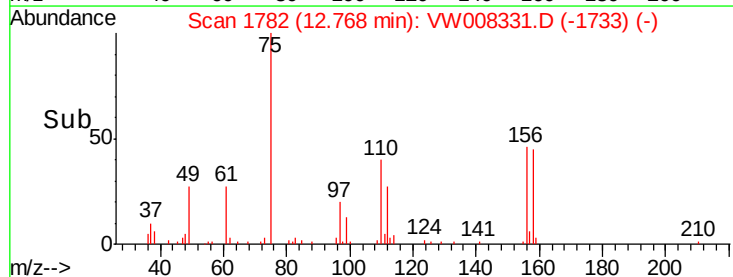
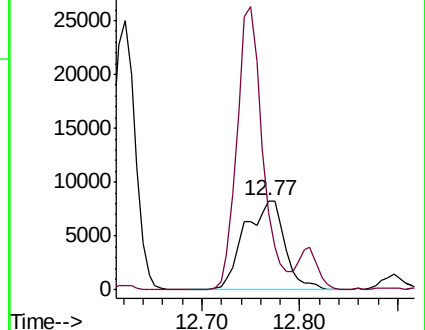
75 100

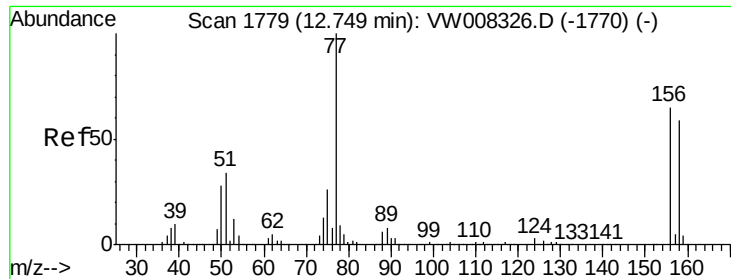
77 204.9 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.466 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

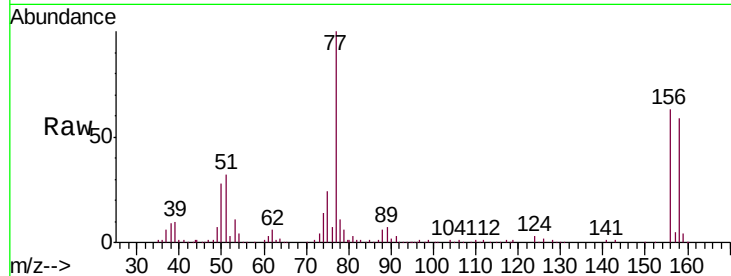
Tgt Ion: 156 Resp: 26733

Ion Ratio Lower Upper

156 100

77 181.8 88.3 264.9

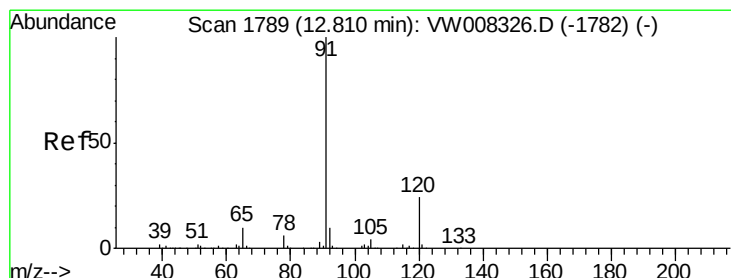
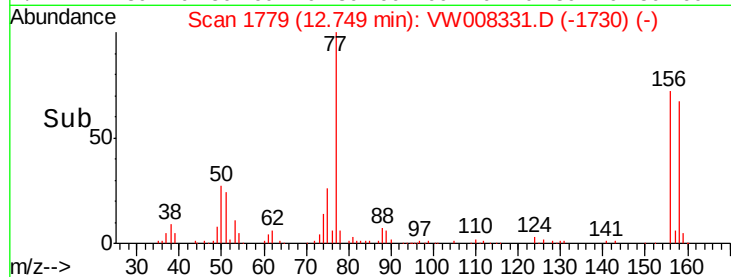
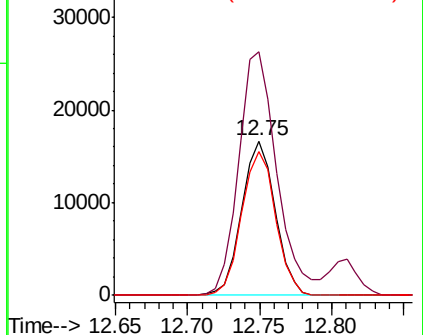
158 94.8 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.410 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008331.D

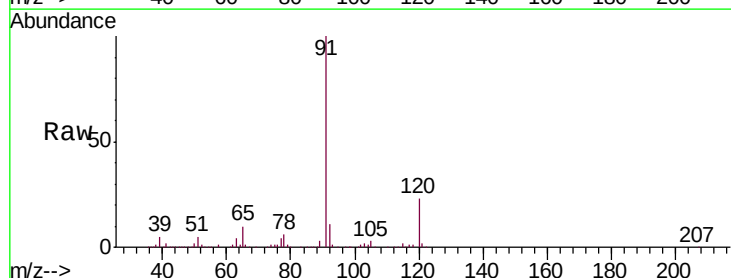
Acq: 17 Jan 2019 16:39

Tgt Ion: 91 Resp: 141593

Ion Ratio Lower Upper

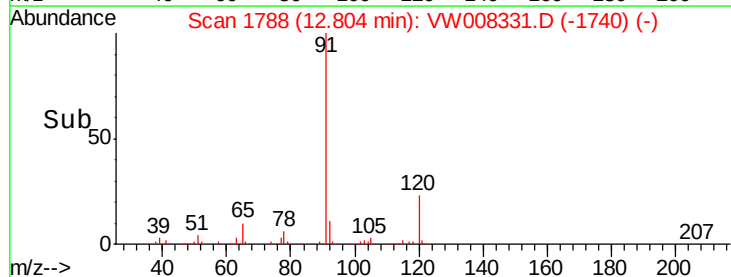
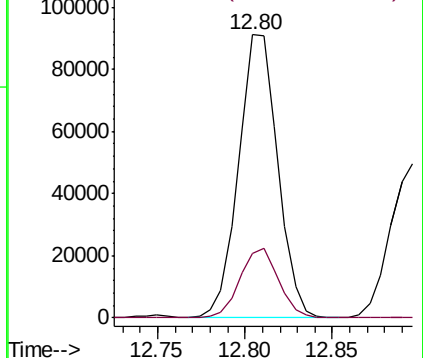
91 100

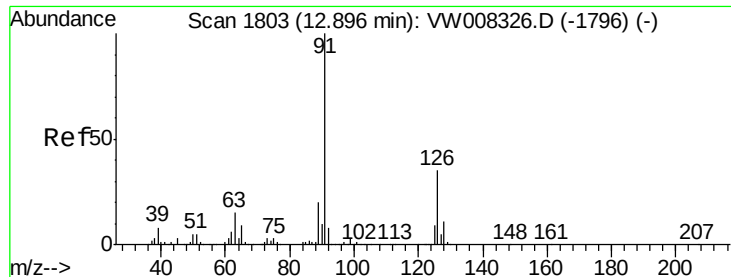
120 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.185 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

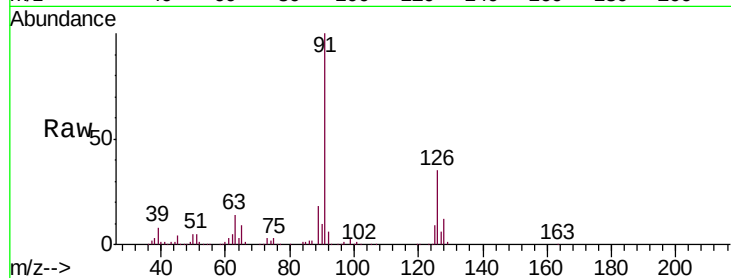
VW0117SBS01

Tgt Ion: 91 Resp: 79965

Ion Ratio Lower Upper

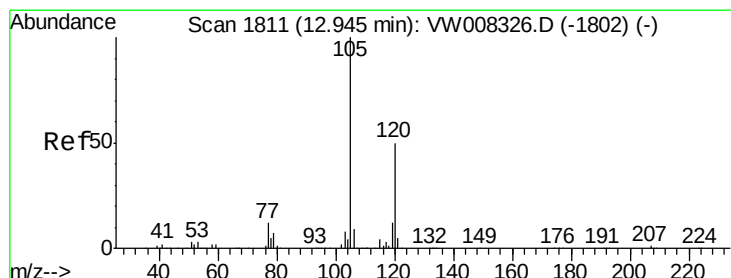
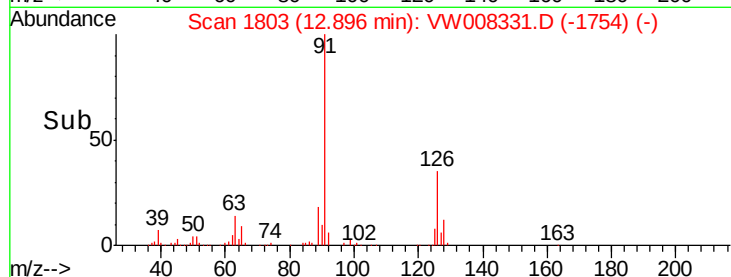
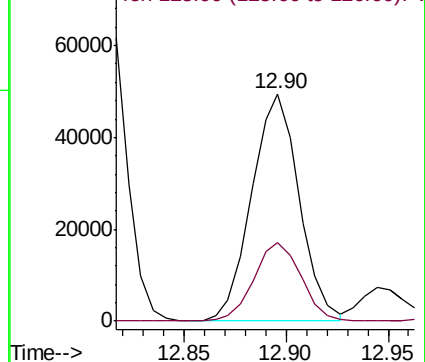
91 100

126 34.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.551 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008331.D

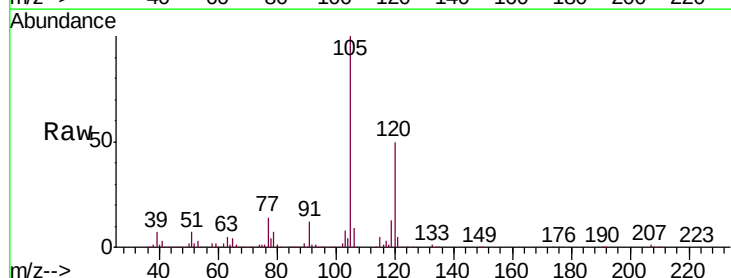
Acq: 17 Jan 2019 16:39

Tgt Ion: 105 Resp: 98327

Ion Ratio Lower Upper

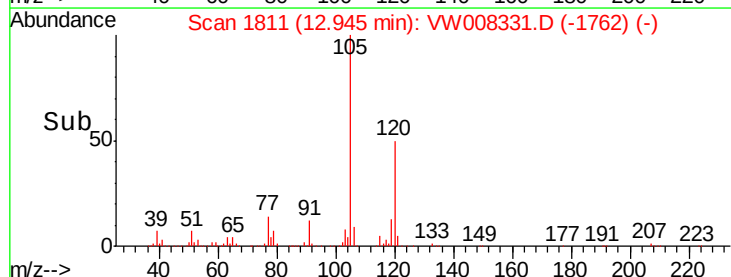
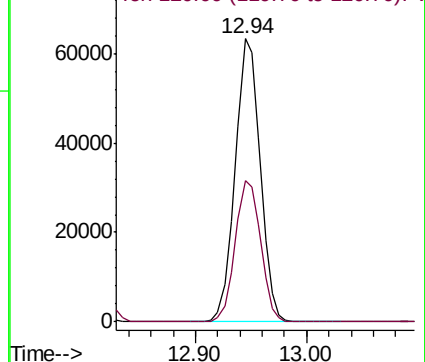
105 100

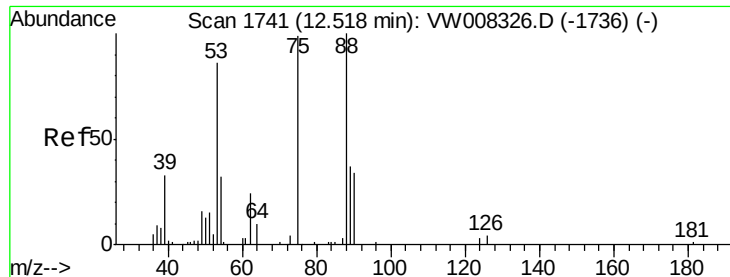
120 50.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

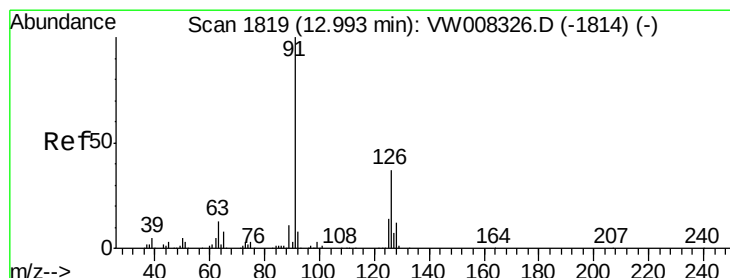
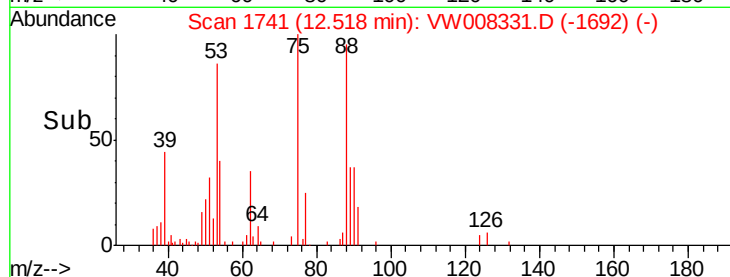
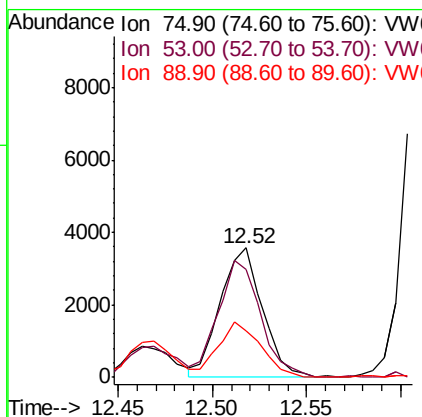
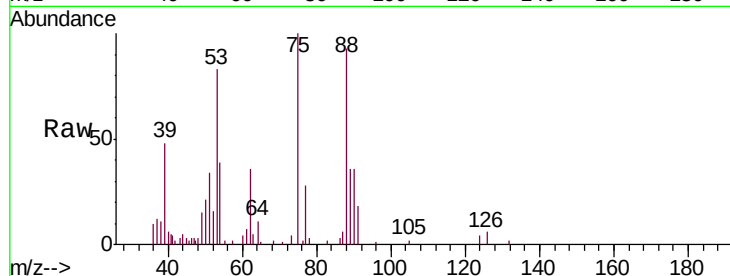




#81
trans-1,4-Dichloro-2-butene
Concen: 17.697 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

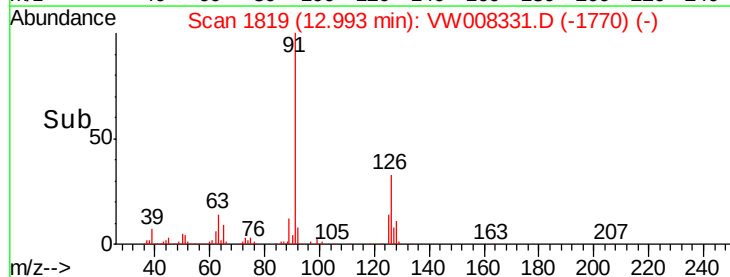
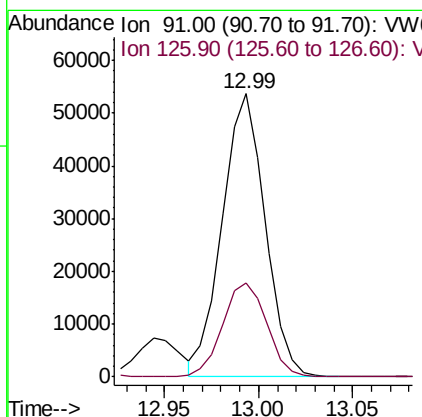
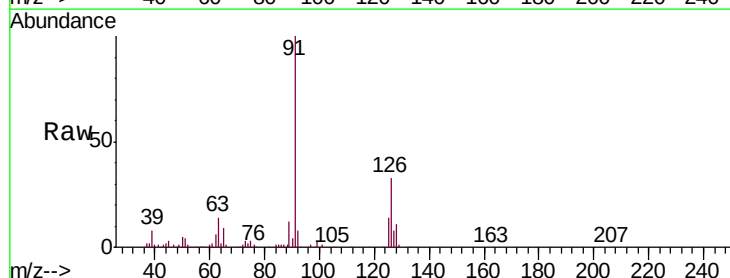
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

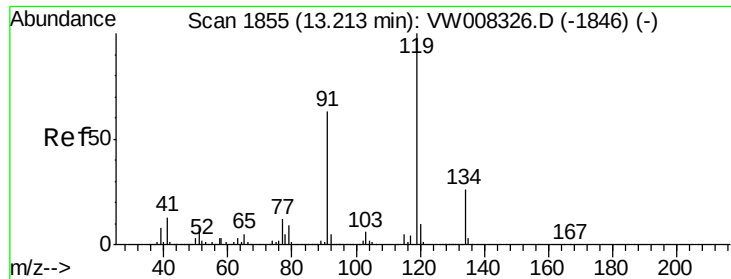
Tgt Ion: 75 Resp: 5586
Ion Ratio Lower Upper
75 100
53 90.6 76.2 114.4
89 43.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.402 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion: 91 Resp: 84503
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.3

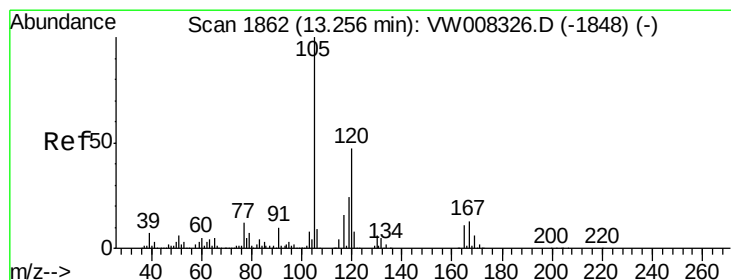
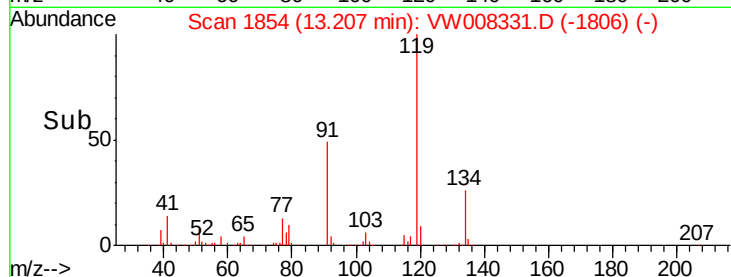
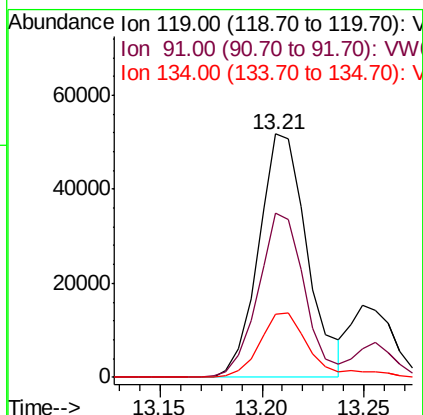
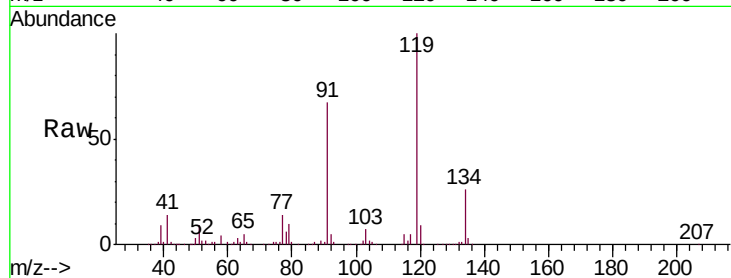




#83
 tert-Butylbenzene
 Concen: 19.411 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

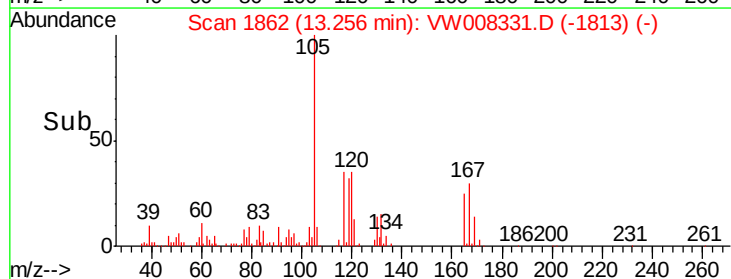
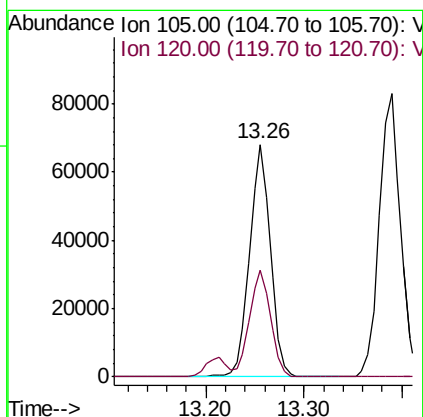
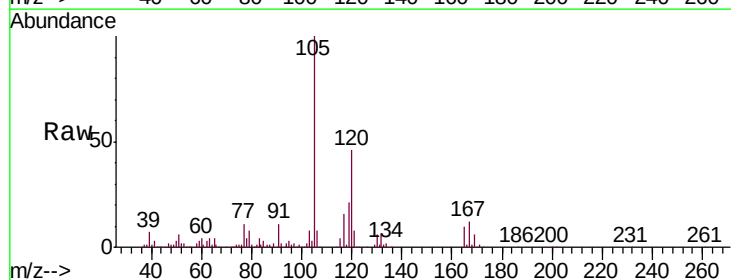
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

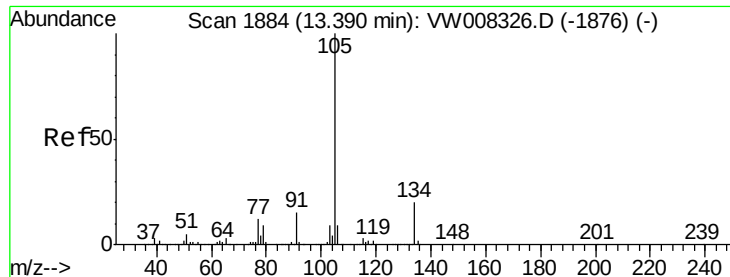
Tgt Ion:119 Resp: 85924
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.4 97.0
 134 27.6 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.707 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion:105 Resp: 100969
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.5 70.6





#85

sec-Butylbenzene

Concen: 19.448 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

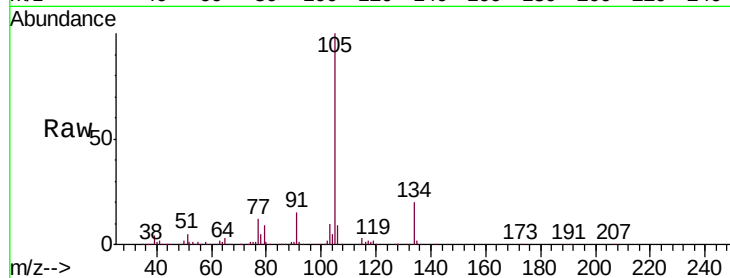
VW0117SBS01

Tgt Ion:105 Resp: 123601

Ion Ratio Lower Upper

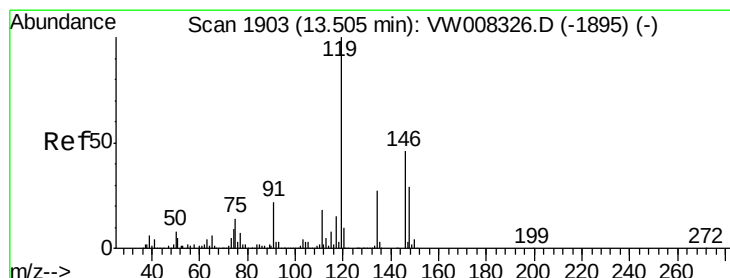
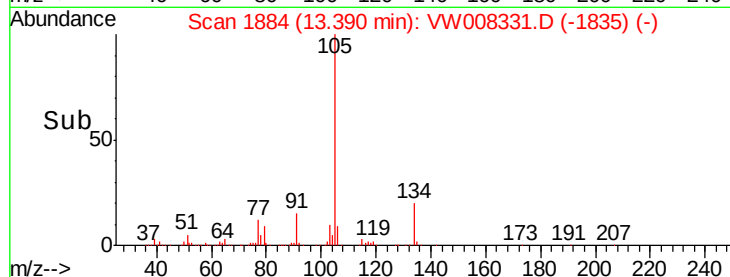
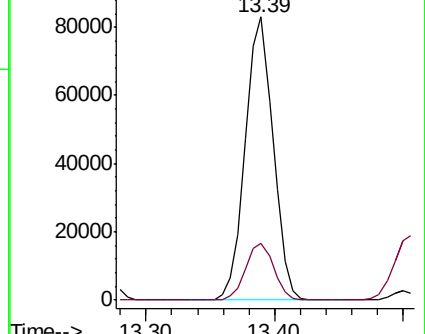
105 100

134 20.3 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: 19.414 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

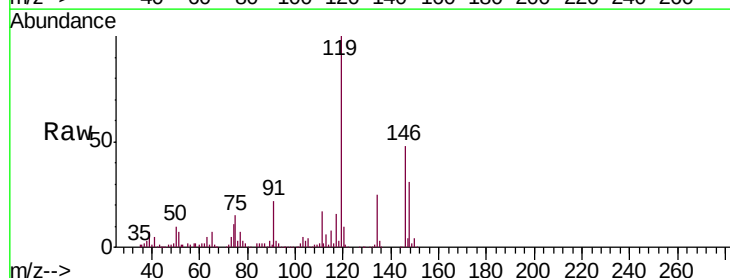
Tgt Ion:119 Resp: 107766

Ion Ratio Lower Upper

119 100

134 26.1 13.7 41.0

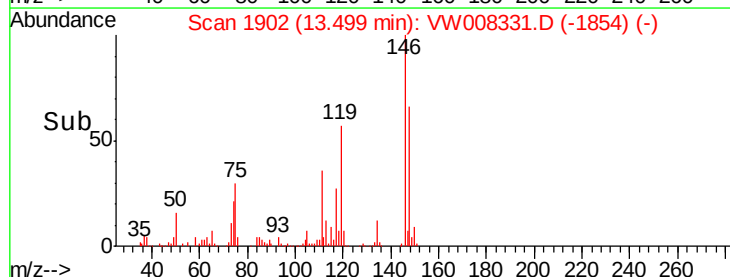
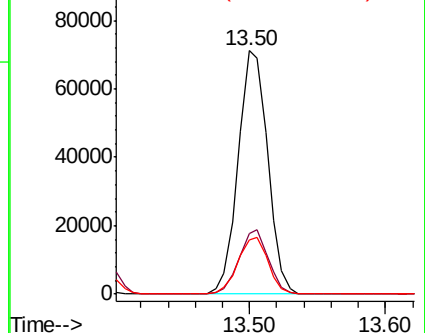
91 24.0 11.4 34.2

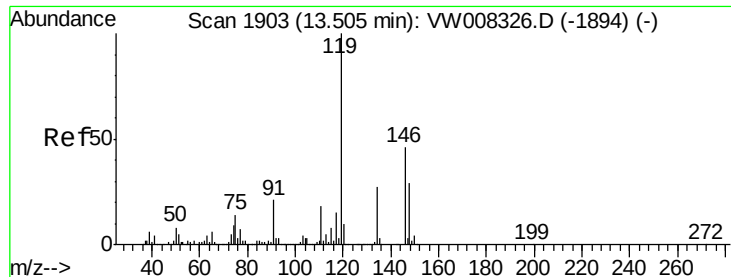


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

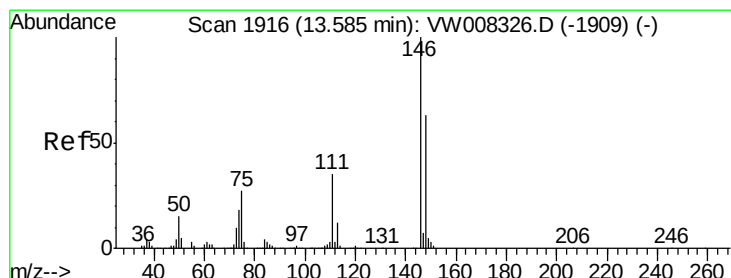
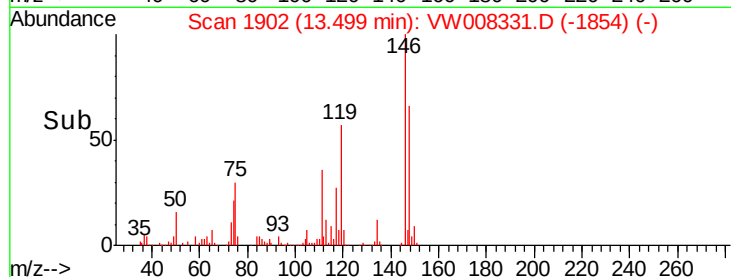
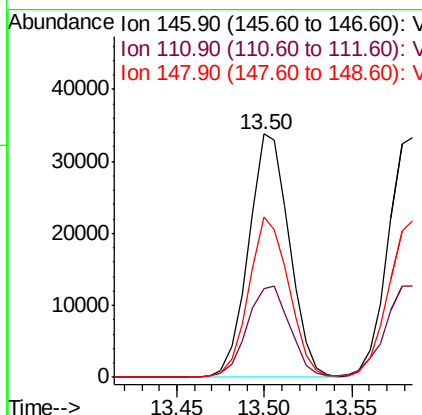
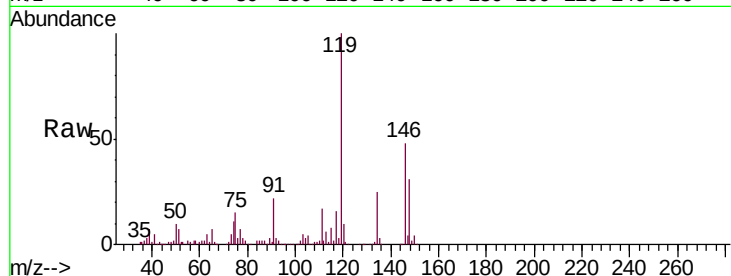




#87
 1,3-Dichlorobenzene
 Concen: 18.996 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

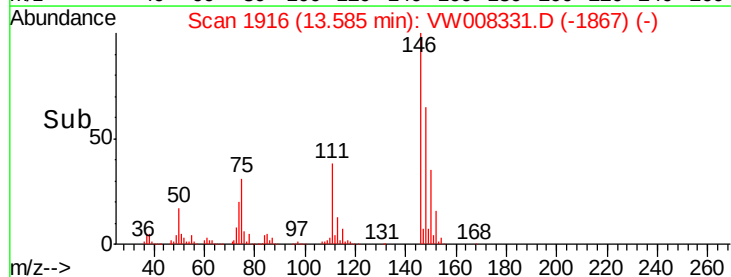
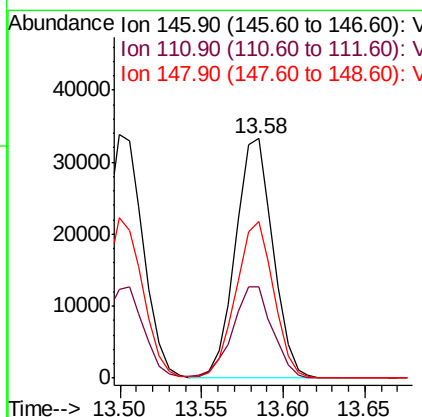
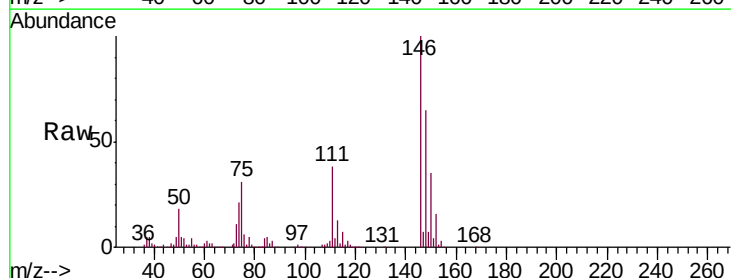
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

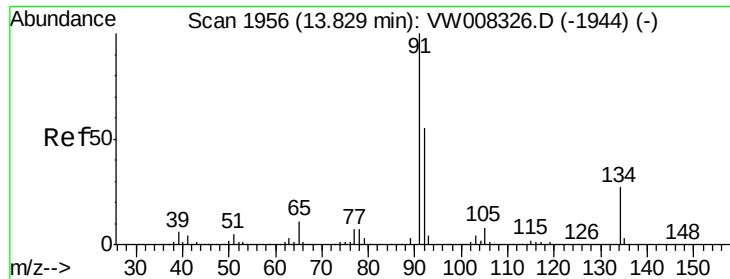
Tgt Ion:146 Resp: 54641
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 64.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 18.534 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion:146 Resp: 53411
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.5
 148 65.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008331.D

Acq: 17 Jan 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

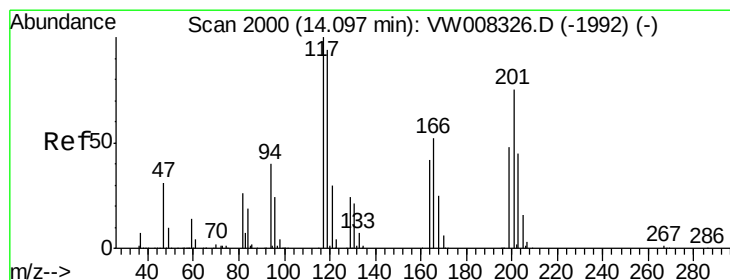
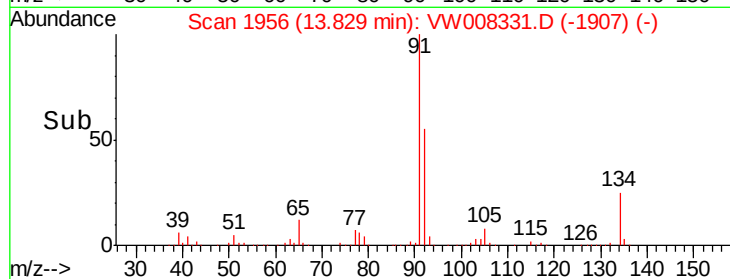
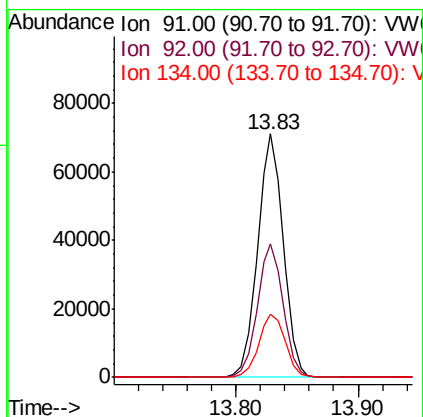
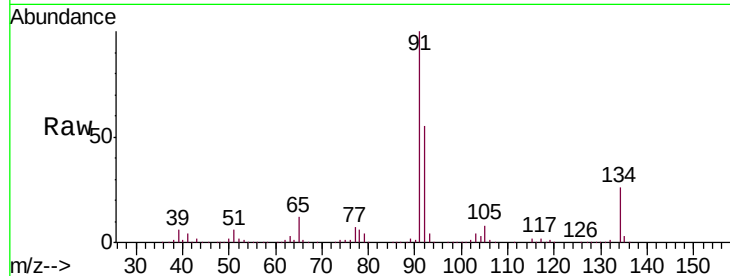
Tgt Ion: 91 Resp: 104143

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 18.282 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008331.D

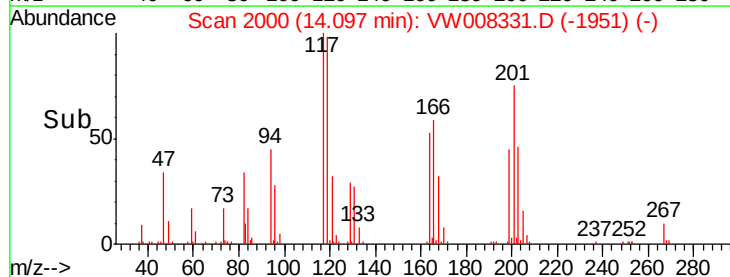
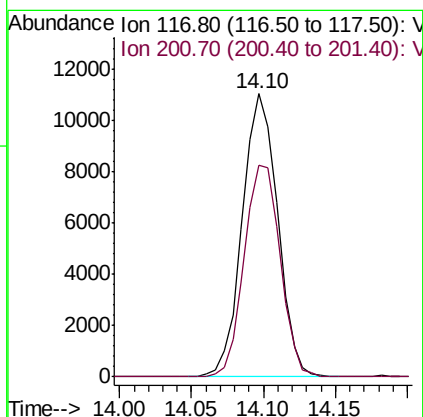
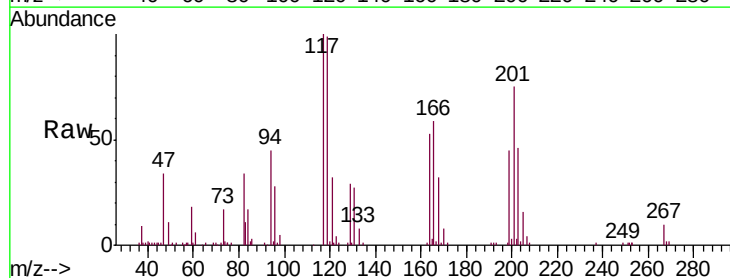
Acq: 17 Jan 2019 16:39

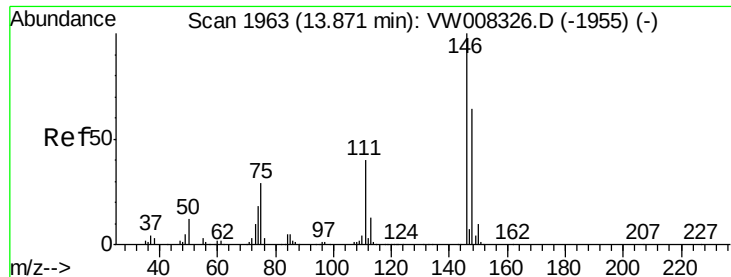
Tgt Ion: 117 Resp: 18781

Ion Ratio Lower Upper

117 100

201 76.1 39.3 117.9

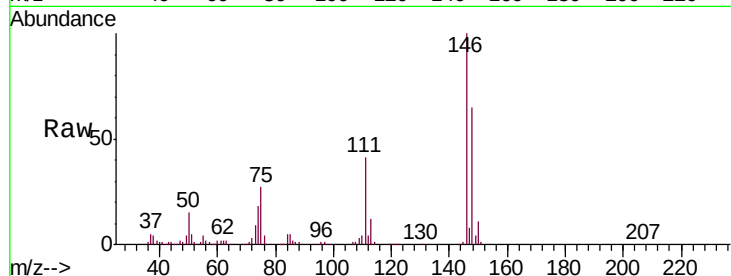




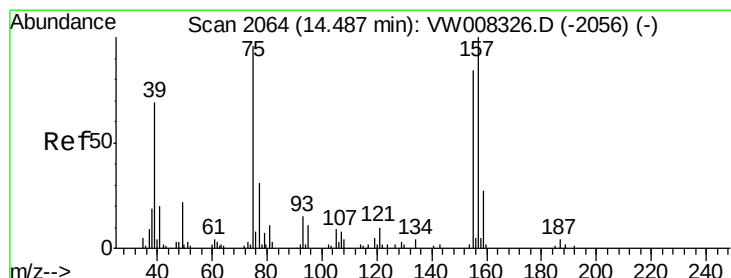
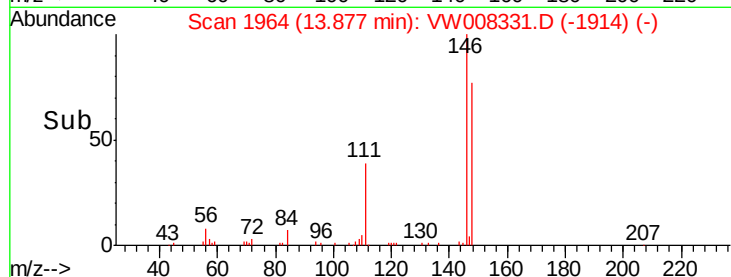
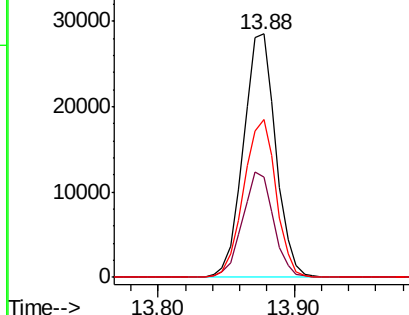
#91
 1,2-Dichlorobenzene
 Concen: 18.649 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

Tgt Ion: 146 Resp: 47361
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.6 58.8
 148 64.7 31.7 95.1

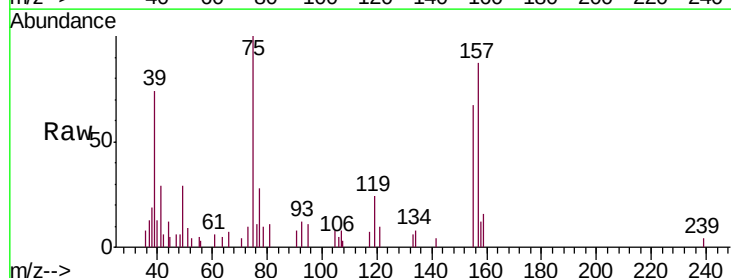


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

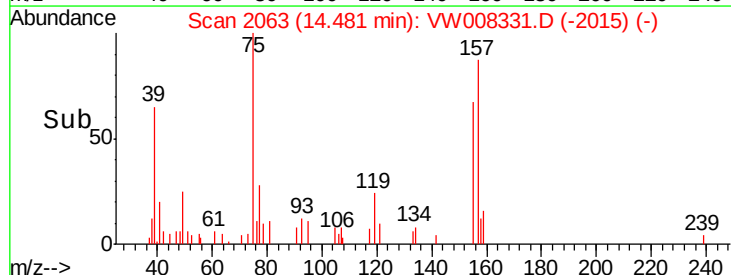
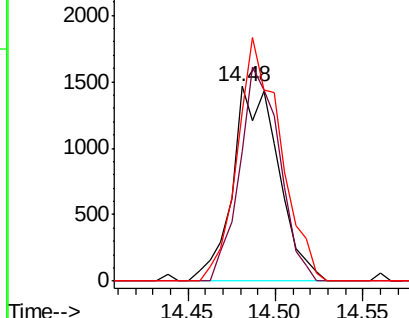


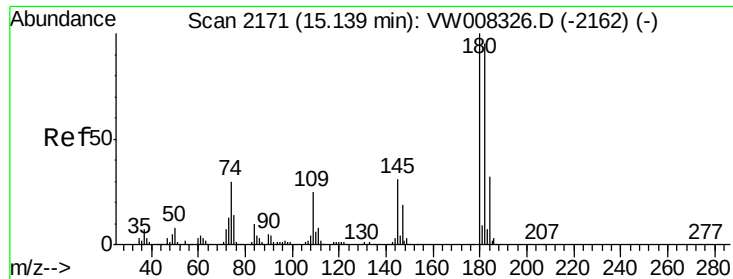
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.095 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion: 75 Resp: 2698
 Ion Ratio Lower Upper
 75 100
 155 94.7 44.7 134.1
 157 116.0 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

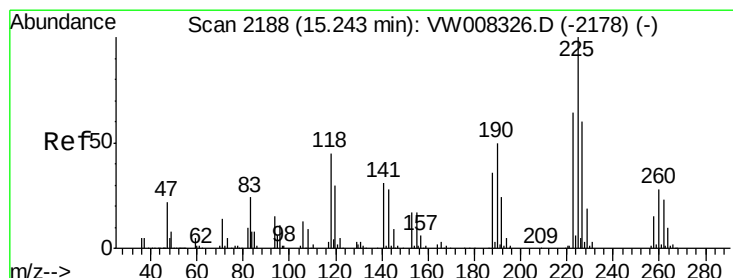
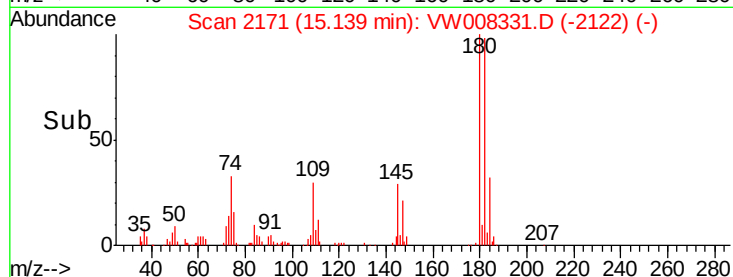
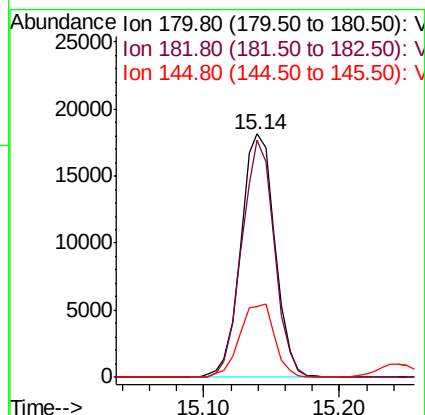
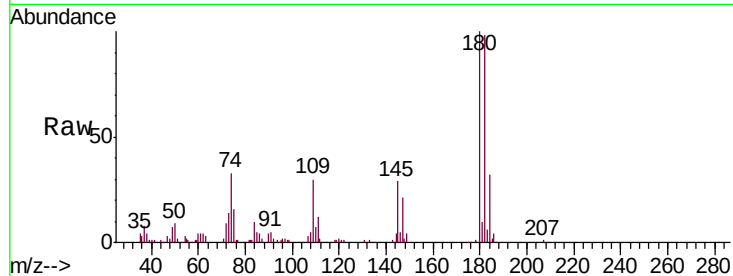




#93
 1,2,4-Trichlorobenzene
 Concen: 18.420 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

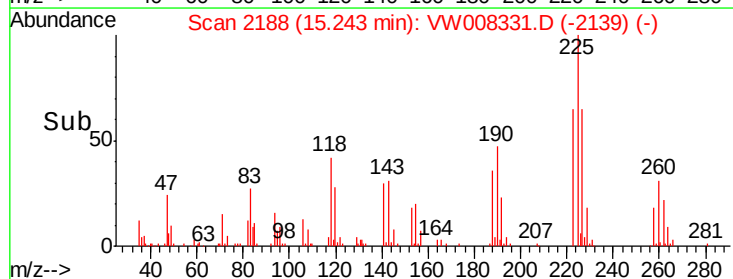
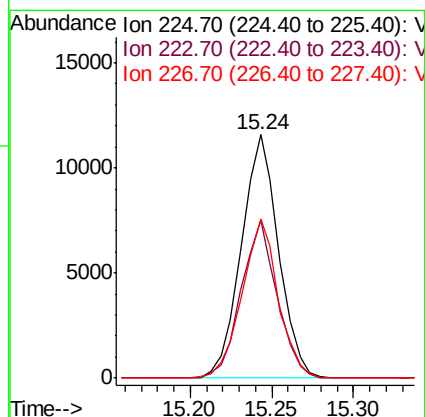
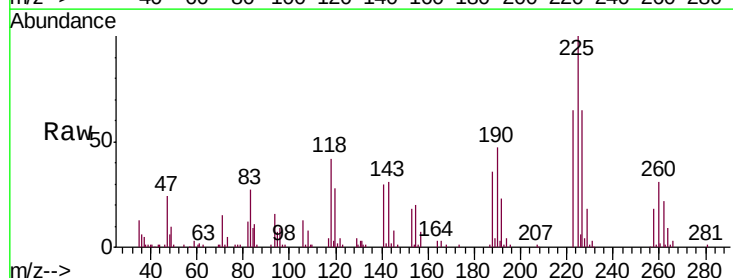
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

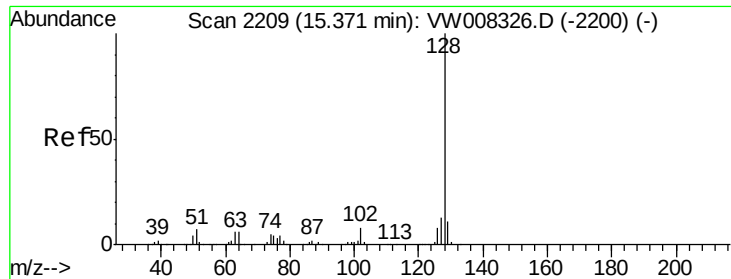
Tgt Ion:180 Resp: 31666
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.6 142.8
 145 31.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 18.929 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008331.D
 Acq: 17 Jan 2019 16:39

Tgt Ion:225 Resp: 18340
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.3
 227 63.6 30.3 90.8

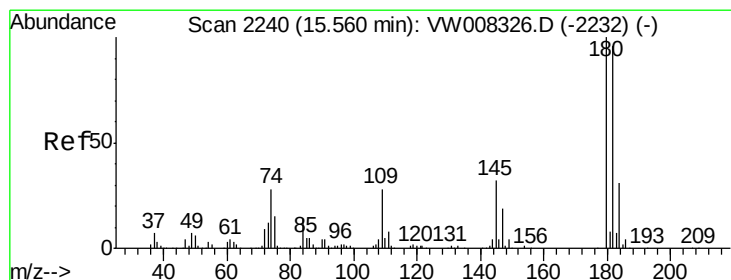
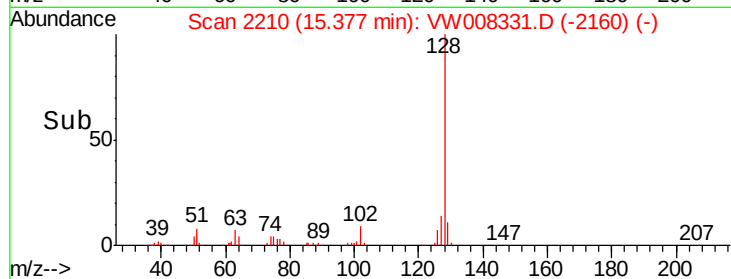
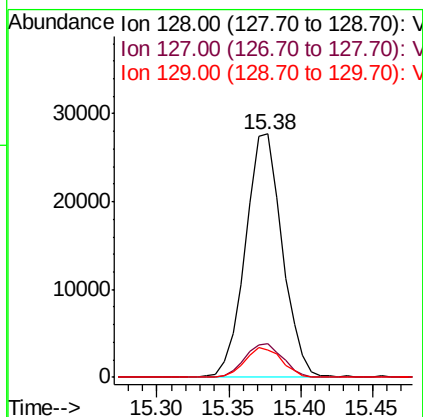
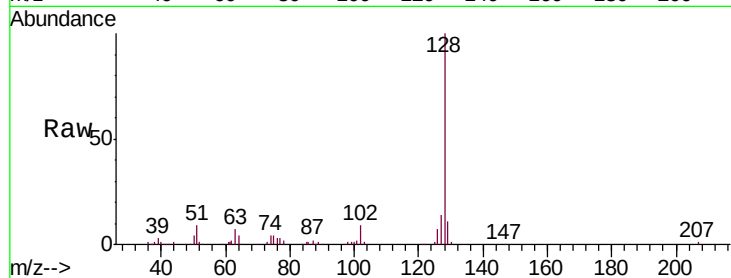




#95
Naphthalene
Concen: 17.059 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Tgt Ion:128 Resp: 49053
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 12.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.041 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008331.D
Acq: 17 Jan 2019 16:39

Tgt Ion:180 Resp: 27014
Ion Ratio Lower Upper
180 100
182 90.1 47.3 141.9
145 33.1 16.2 48.6

