

Data File : VW008323.D
Acq On : 17 Jan 2019 12:47
Operator : SY/VA
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Jan 18 00:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	178705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	6100	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	7.88	113	5747	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
50) Toluene-d8	10.32	98	22444	5.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.62	95	8710	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3560	5.277	ug/l	78
3) Chloromethane	2.21	50	6068	6.136	ug/l	97
4) Vinyl Chloride	2.37	62	7215	5.710	ug/l	99
5) Bromomethane	2.79	94	5103	5.329	ug/l	86
6) Chloroethane	2.93	64	3945	4.770	ug/l #	81
7) Trichlorofluoromethane	3.25	101	4671	5.034	ug/l	98
8) Diethyl Ether	3.67	74	3809	5.920	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	5716	5.292	ug/l	96
10) Methyl Iodide	4.25	142	9095	5.221	ug/l #	85
11) Tert butyl alcohol	5.16	59	1019	13.235	ug/l #	32
12) 1,1-Dichloroethene	4.03	96	5731	5.216	ug/l	89
13) Acrolein	3.88	56	1258	19.022	ug/l #	56
14) Allyl chloride	4.67	41	9183	5.000	ug/l	97
15) Acrylonitrile	5.36	53	6201	25.090	ug/l	98
16) Acetone	4.12	43	7538	29.142	ug/l	100
17) Carbon Disulfide	4.37	76	17858	5.342	ug/l	98
18) Methyl Acetate	4.67	43	3947	5.712	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	8550	5.084	ug/l	95
20) Methylene Chloride	4.91	84	9597	6.987	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	6601	5.350	ug/l	88
22) Diisopropyl ether	6.31	45	17608	4.911	ug/l	97
23) Vinyl Acetate	6.25	43	41914	21.867	ug/l	96
24) 1,1-Dichloroethane	6.21	63	11590	5.308	ug/l	98
25) 2-Butanone	7.18	43	8295	25.038	ug/l	90
26) 2,2-Dichloropropane	7.15	77	7932	5.693	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	6829	5.108	ug/l	94
28) Bromochloromethane	7.50	49	4805	5.342	ug/l #	98
29) Tetrahydrofuran	7.52	42	4945	23.943	ug/l	92
30) Chloroform	7.67	83	10913	5.052	ug/l	95
31) Cyclohexane	7.95	56	12489	6.004	ug/l #	83
32) 1,1,1-Trichloroethane	7.86	97	9747	5.376	ug/l	95
36) 1,1-Dichloropropene	8.08	75	9145	5.086	ug/l	99
37) Ethyl Acetate	7.26	43	4168	5.622	ug/l #	93
38) Carbon Tetrachloride	8.06	117	9011	5.076	ug/l	98

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MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Jan 18 00:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	10226	4.782	ug/l	95
40) Benzene	8.32	78	25449	4.997	ug/l	100
41) Methacrylonitrile	7.48	41	2266	5.250	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	7364	5.171	ug/l	99
43) Isopropyl Acetate	8.43	43	6741	4.813	ug/l	96
44) Trichloroethene	9.09	130	7146	5.121	ug/l	100
45) 1,2-Dichloropropane	9.37	63	6349	5.019	ug/l #	87
46) Dibromomethane	9.46	93	3495	5.301	ug/l	91
47) Bromodichloromethane	9.65	83	7620	4.685	ug/l	99
48) Methyl methacrylate	9.43	41	3049	4.625	ug/l	96
49) 1,4-Dioxane	9.45	88	1155	108.816	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	16558	23.349	ug/l	91
52) Toluene	10.39	92	15702	4.872	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	7651	4.713	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	8779	4.588	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	4665	5.101	ug/l	96
56) Ethyl methacrylate	10.65	69	4573	4.258	ug/l	96
57) 1,3-Dichloropropane	10.93	76	7845	4.941	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	10650	20.557	ug/l	95
59) 2-Hexanone	10.97	43	10486	21.104	ug/l	91
60) Dibromochloromethane	11.13	129	5007	4.587	ug/l	99
61) 1,2-Dibromoethane	11.23	107	4171	4.710	ug/l	98
64) Tetrachloroethene	10.86	164	5625	4.837	ug/l	98
65) Chlorobenzene	11.66	112	17970	4.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	6253	5.022	ug/l	96
67) Ethyl Benzene	11.73	91	30247	4.816	ug/l	98
68) m/p-Xylenes	11.85	106	23422	9.607	ug/l	100
69) o-Xylene	12.17	106	10436	4.582	ug/l	99
70) Styrene	12.18	104	16298	4.455	ug/l	96
71) Bromoform	12.35	173	2700	4.353	ug/l #	99
73) Isopropylbenzene	12.46	105	27414	4.528	ug/l	99
74) N-amyl acetate	12.27	43	5731	4.417	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	5183	5.033	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	6297	7.795	ug/l	30
77) Bromobenzene	12.75	156	7022	4.828	ug/l	99
78) n-propylbenzene	12.80	91	34161	4.661	ug/l	99
79) 2-Chlorotoluene	12.90	91	20523	4.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	23209	4.594	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	1485	4.683	ug/l	99
82) 4-Chlorotoluene	12.99	91	21617	4.941	ug/l	99
83) tert-Butylbenzene	13.21	119	21077	4.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	24815	4.821	ug/l	98
85) sec-Butylbenzene	13.39	105	31509	4.935	ug/l	99
86) p-Isopropyltoluene	13.51	119	26286	4.714	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	14859	5.142	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	15135	5.228	ug/l	96
89) n-Butylbenzene	13.83	91	25277	4.726	ug/l	97
90) Hexachloroethane	14.10	117	4996	4.841	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	12712	4.983	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	935	5.552	ug/l	83

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

Data File : VW008323.D
Acq On : 17 Jan 2019 12:47
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jan 18 00:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	7694	4.455	ug/l	99
94) Hexachlorobutadiene	15.24	225	4479	4.602	ug/l	90
95) Naphthalene	15.38	128	11658	4.040	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.56	180	7074	4.703	ug/l	99

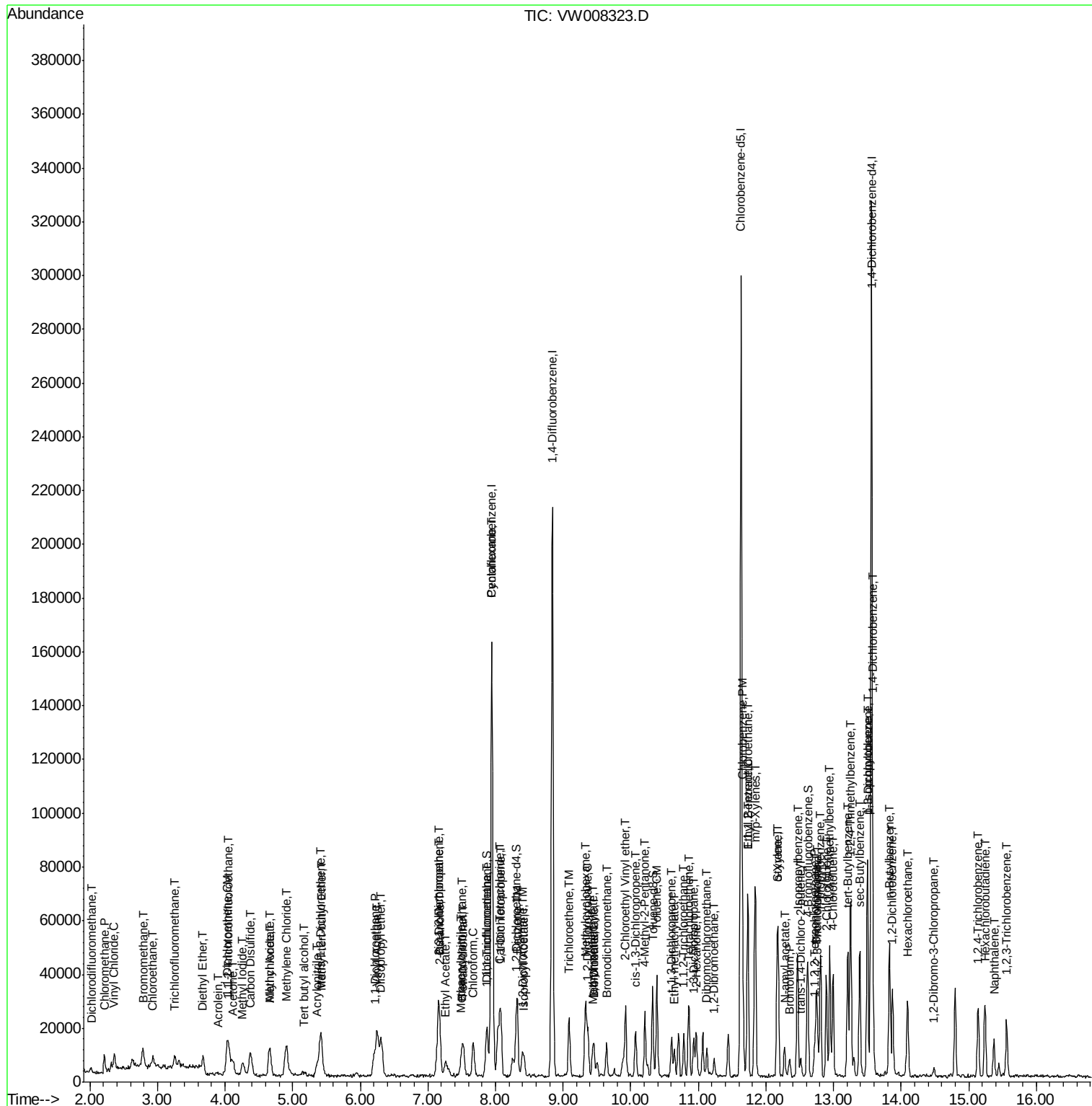
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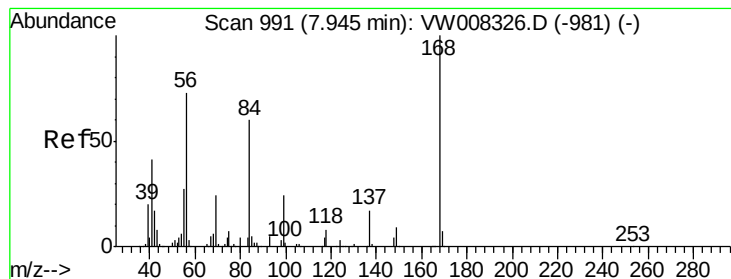
Data File : VW008323.D

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Acq On       : 17 Jan 2019   12:47
Operator    : SY/VA
Sample      : VSTDIC005
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 2      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Jan 18 00:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:24:44 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: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampled :

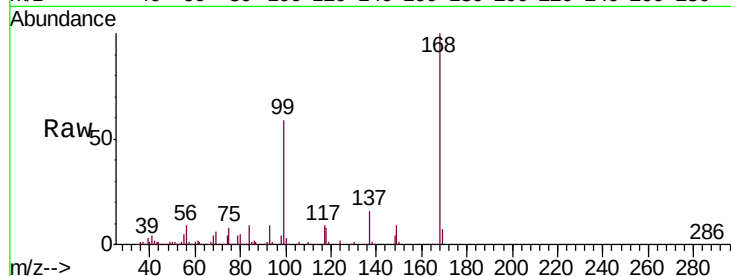
VSTDIC005

Tgt Ion:168 Resp: 107071

Ion Ratio Lower Upper

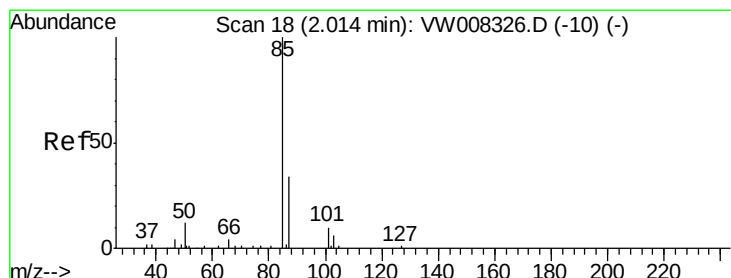
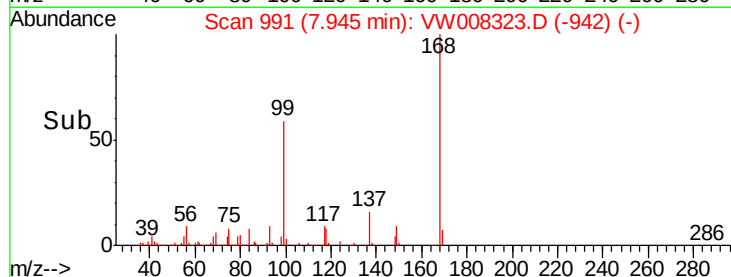
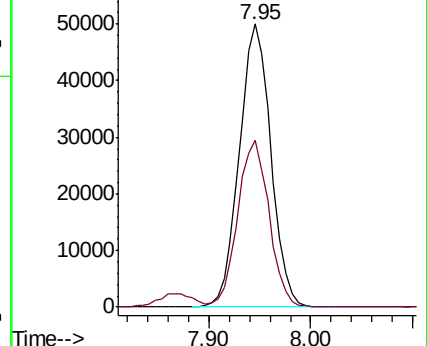
168 100

99 58.8 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: 5.277 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008323.D

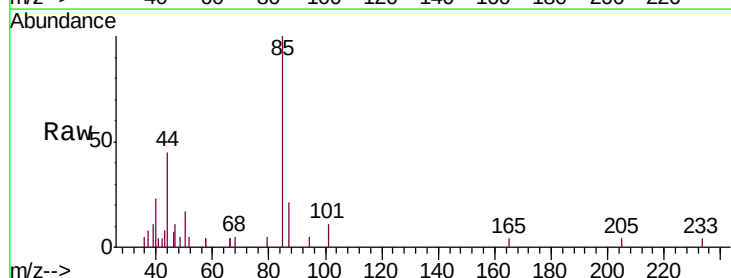
Acq: 17 Jan 2019 12:47

Tgt Ion: 85 Resp: 3560

Ion Ratio Lower Upper

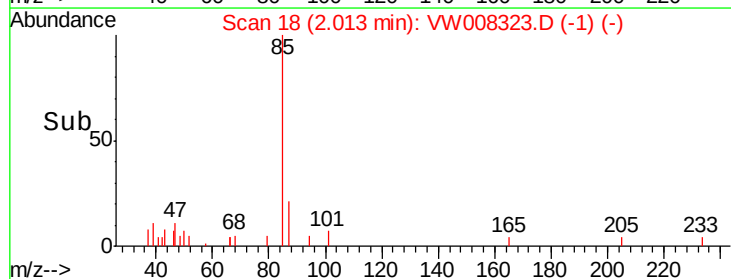
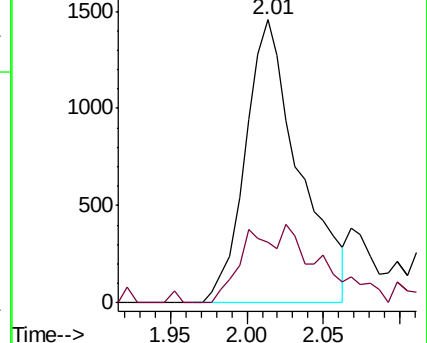
85 100

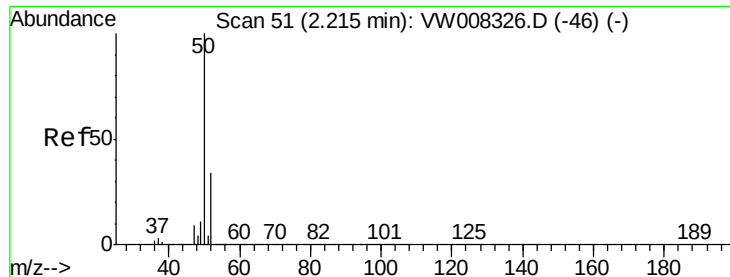
87 21.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 6.136 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

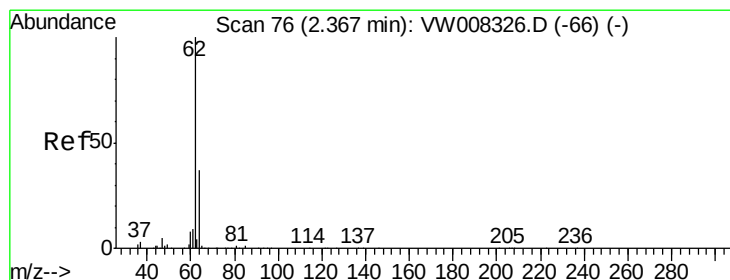
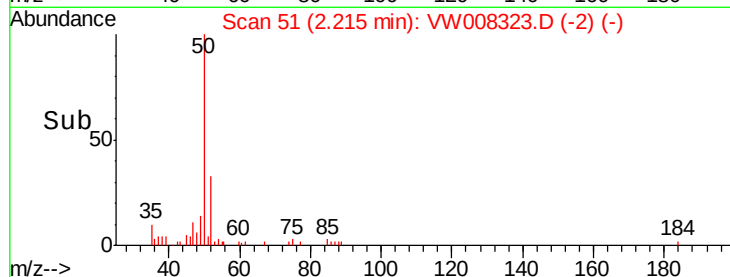
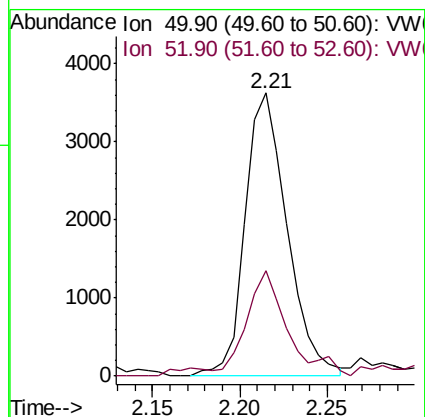
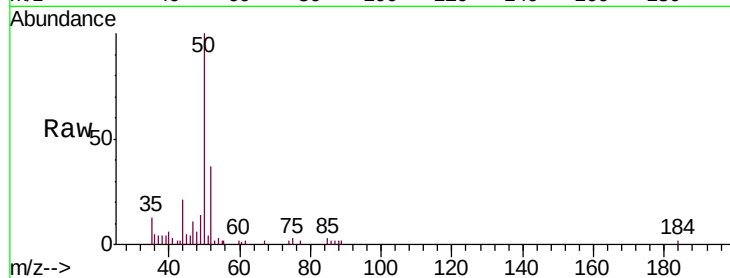
VSTDIC005

Tgt Ion: 50 Resp: 6068

Ion Ratio Lower Upper

50 100

52 35.3 26.7 40.1



#4

Vinyl Chloride

Concen: 5.710 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008323.D

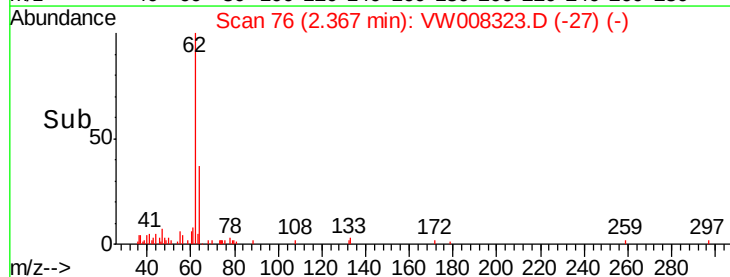
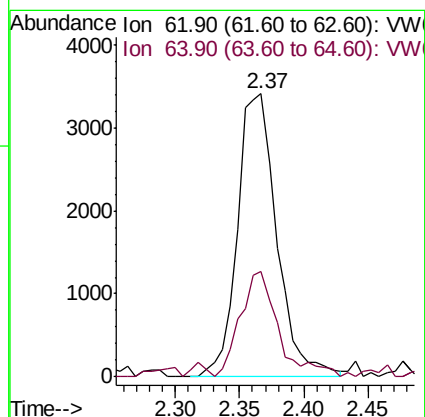
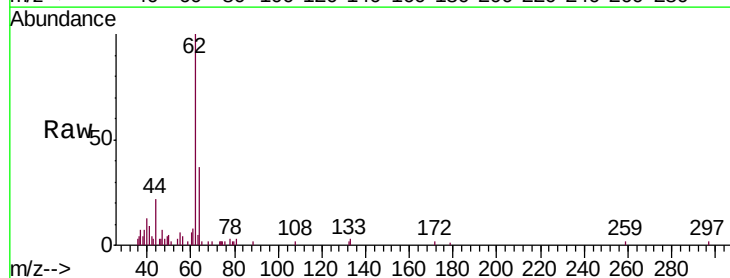
Acq: 17 Jan 2019 12:47

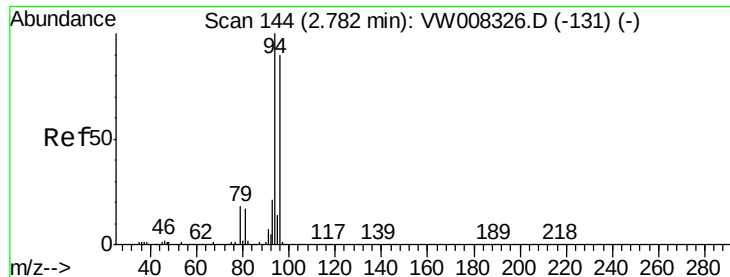
Tgt Ion: 62 Resp: 7215

Ion Ratio Lower Upper

62 100

64 37.1 29.4 44.2





#5

Bromomethane

Concen: 5.329 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

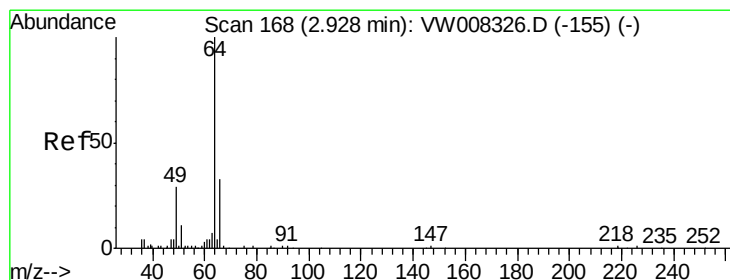
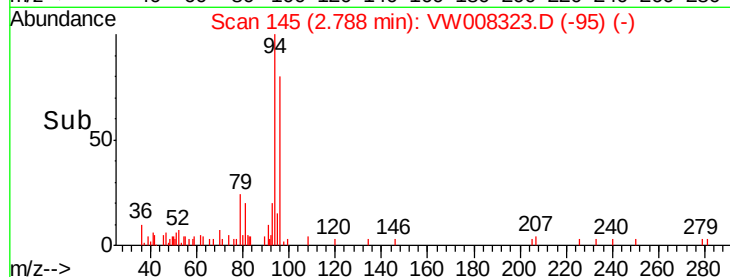
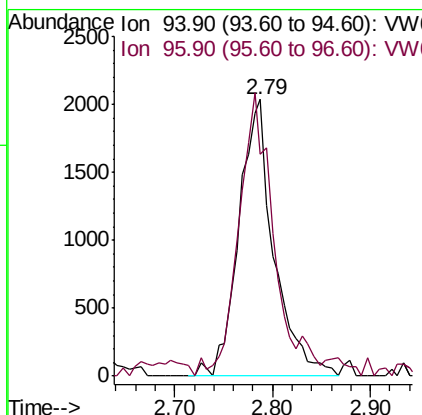
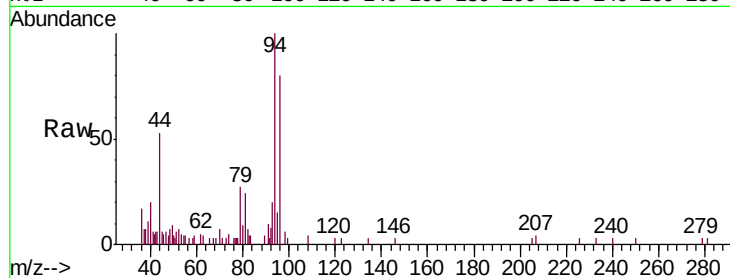
VSTDIC005

Tgt Ion: 94 Resp: 5103

Ion Ratio Lower Upper

94 100

96 76.2 71.4 107.0



#6

Chloroethane

Concen: 4.770 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW008323.D

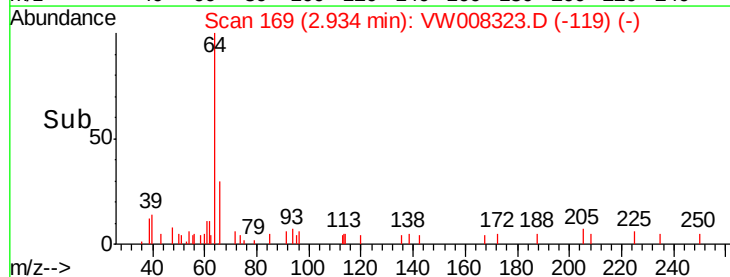
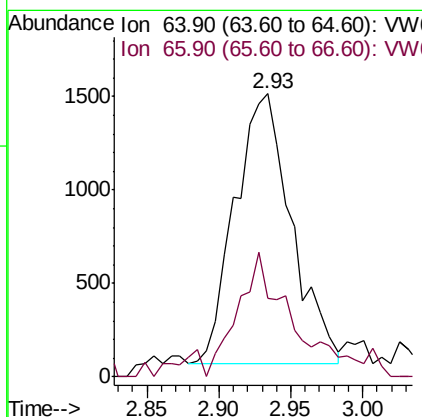
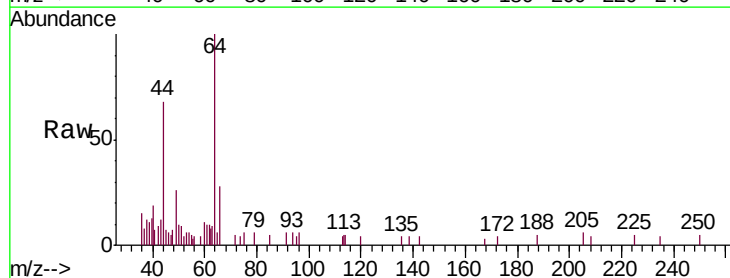
Acq: 17 Jan 2019 12:47

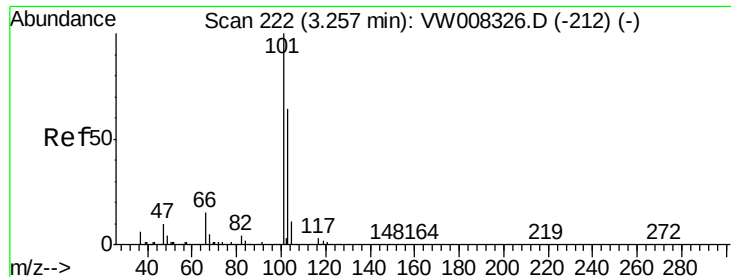
Tgt Ion: 64 Resp: 3945

Ion Ratio Lower Upper

64 100

66 21.9 26.2 39.4#



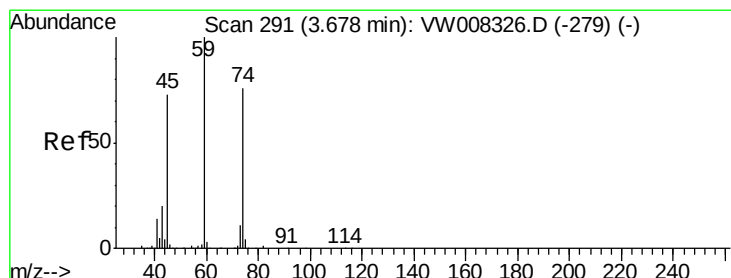
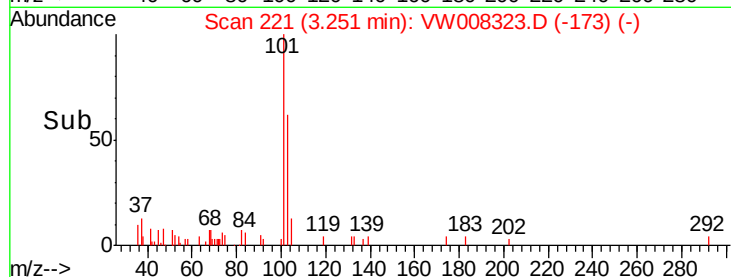
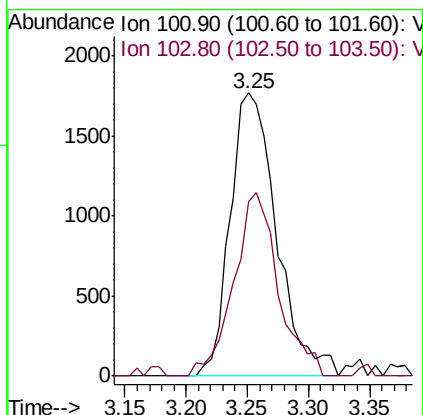
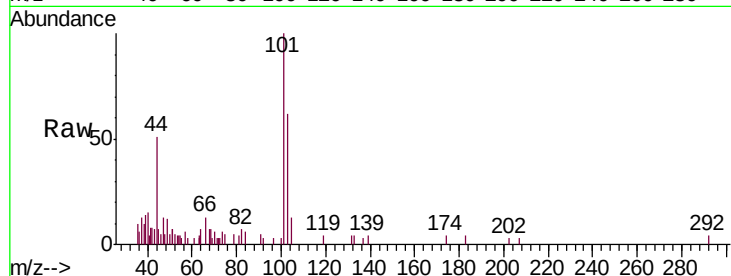


#7

Trichlorofluoromethane
 Concen: 5.034 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

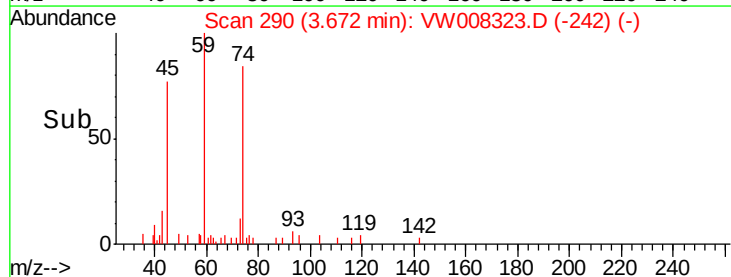
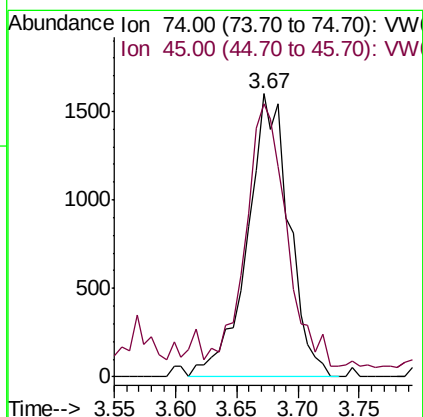
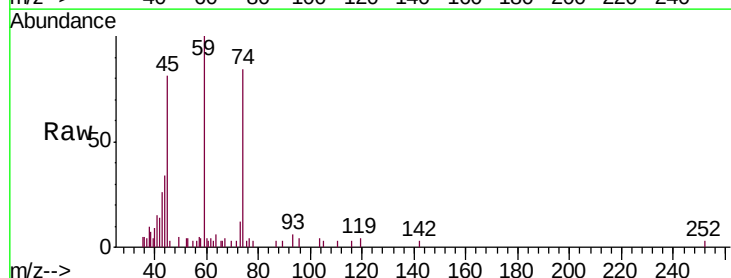
Tgt Ion: 101 Resp: 4671
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.9 76.3

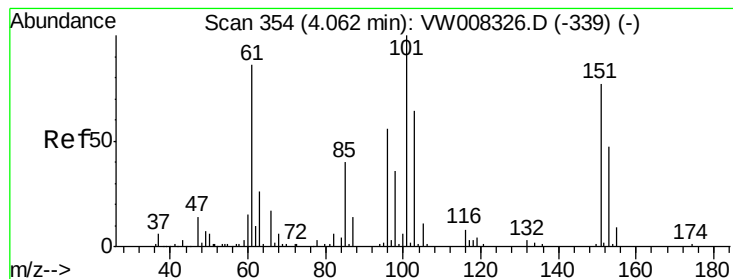


#8

Diethyl Ether
 Concen: 5.920 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 74 Resp: 3809
 Ion Ratio Lower Upper
 74 100
 45 88.7 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.292 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

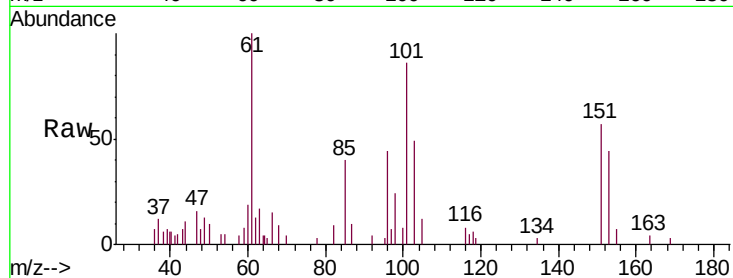
Tgt Ion:101 Resp: 5716

Ion Ratio Lower Upper

101 100

85 47.4 36.0 54.0

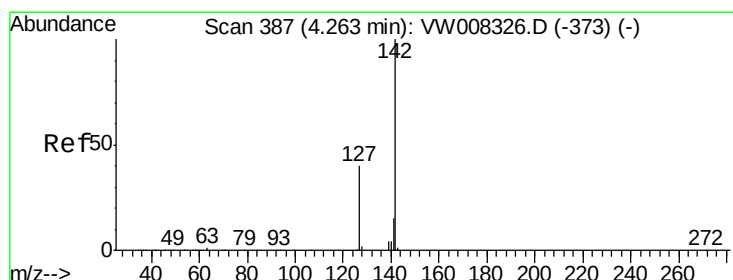
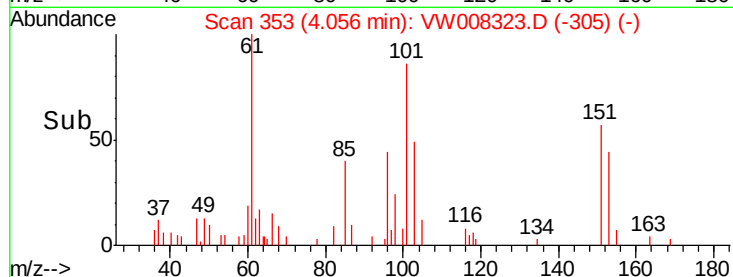
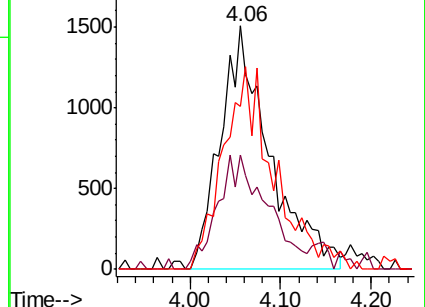
151 81.8 62.3 93.5



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: 5.221 ug/l

RT: 4.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

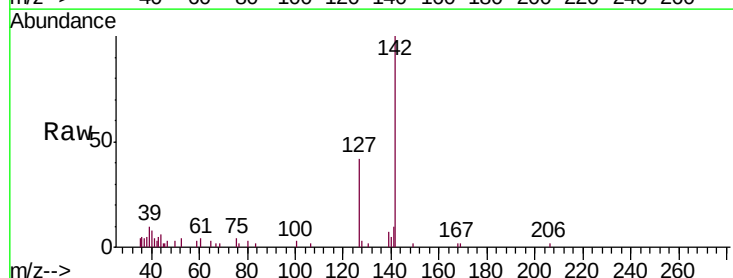
Tgt Ion:142 Resp: 9095

Ion Ratio Lower Upper

142 100

127 47.2 34.3 51.5

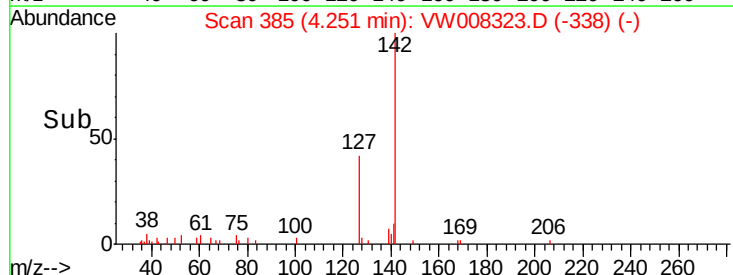
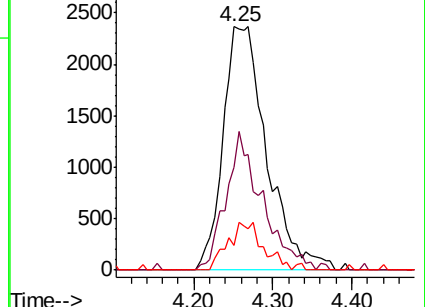
141 0.0 12.2 18.2#

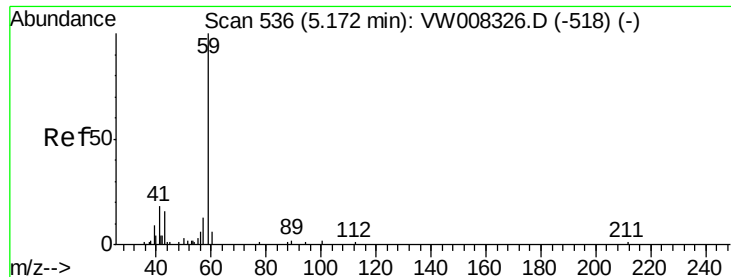


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

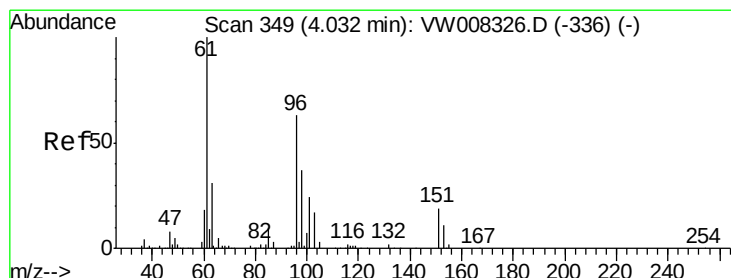
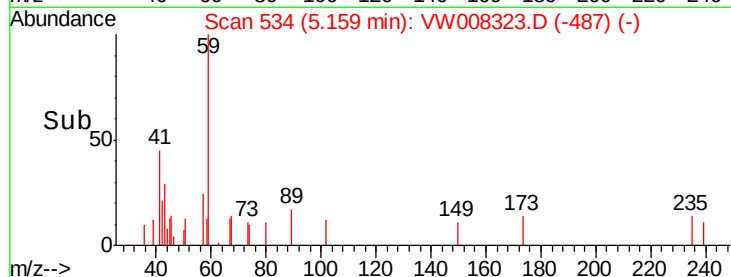
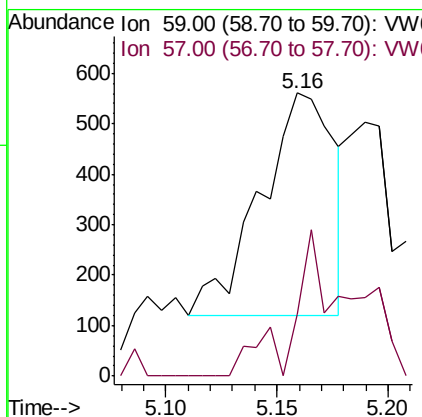
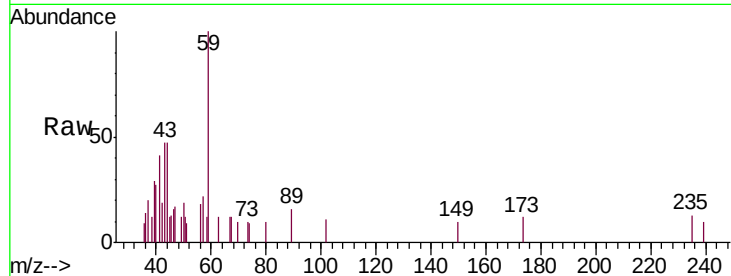




#11
Tert butyl alcohol
Concen: 13.235 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

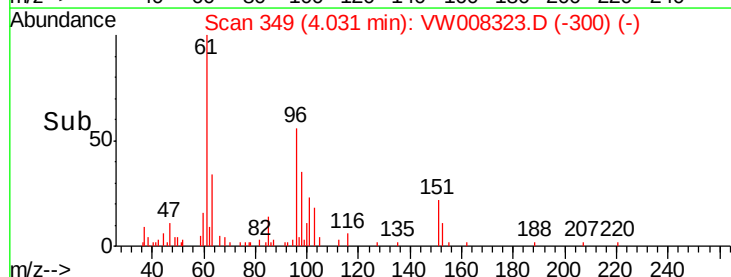
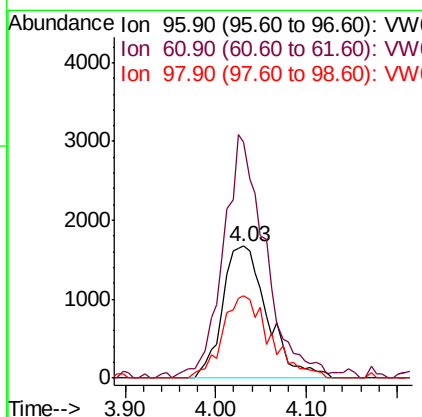
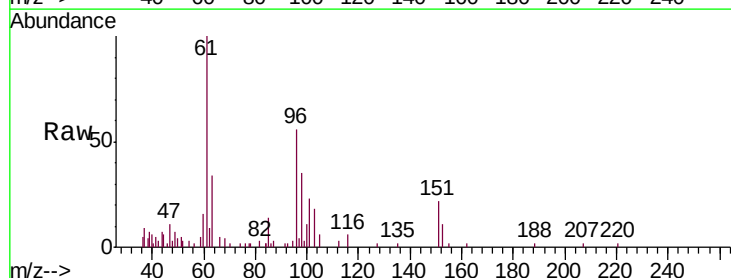
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

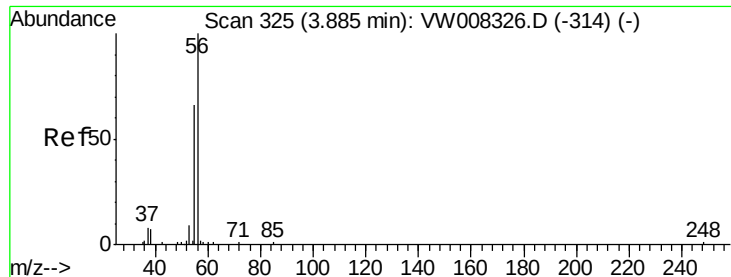
Tgt Ion: 59 Resp: 1019
Ion Ratio Lower Upper
59 100
57 38.1 9.4 14.2#



#12
1,1-Dichloroethene
Concen: 5.216 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 96 Resp: 5731
Ion Ratio Lower Upper
96 100
61 175.4 126.4 189.6
98 62.5 46.7 70.1





#13

Acrolein

Concen: 19.022 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

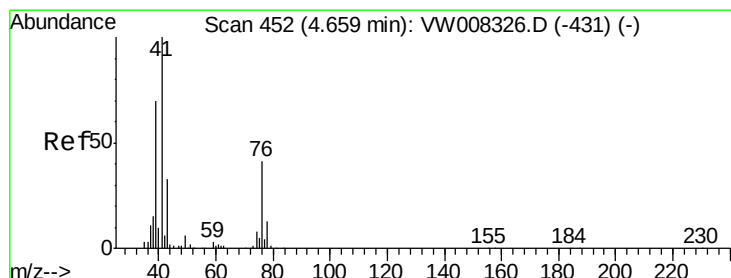
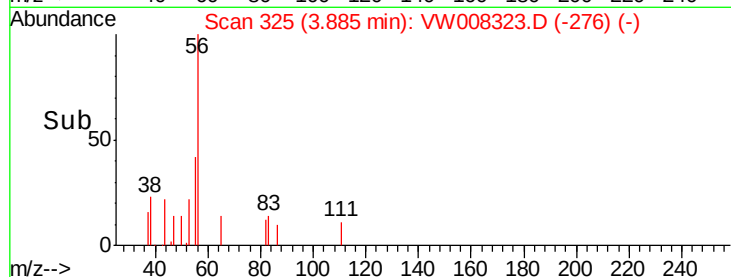
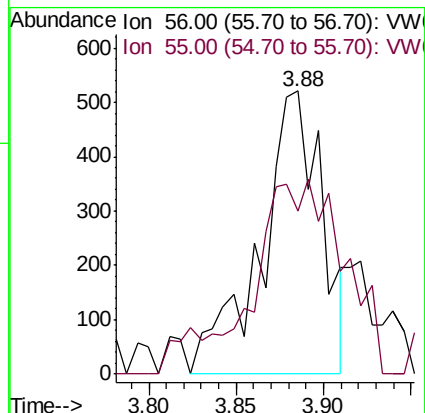
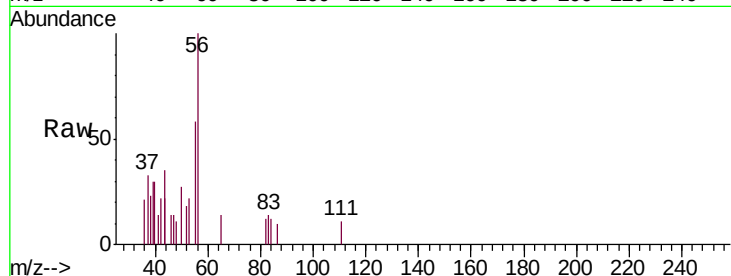
VSTDIC005

Tgt Ion: 56 Resp: 1258

Ion Ratio Lower Upper

56 100

55 31.1 52.9 79.3#



#14

Allyl chloride

Concen: 5.000 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

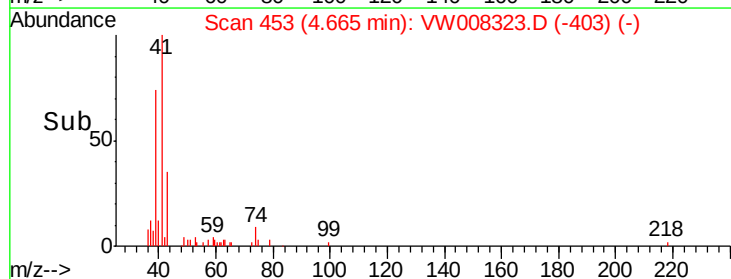
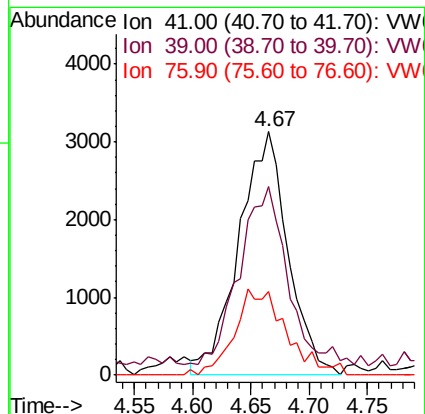
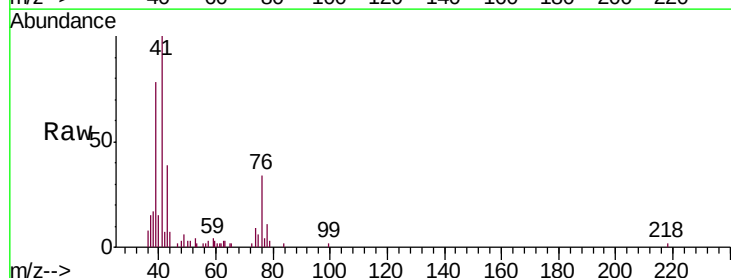
Tgt Ion: 41 Resp: 9183

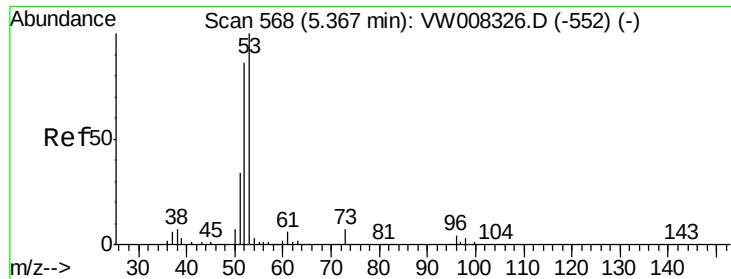
Ion Ratio Lower Upper

41 100

39 71.6 54.1 81.1

76 37.3 29.5 44.3





#15

Acrylonitrile

Concen: 25.090 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

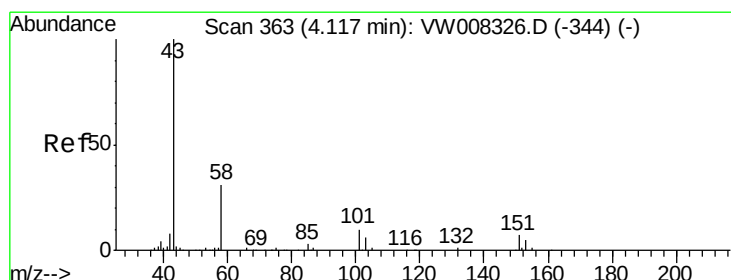
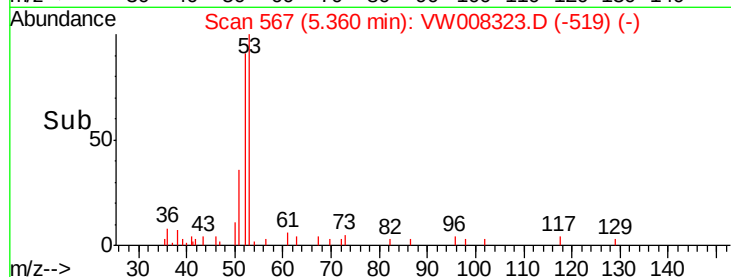
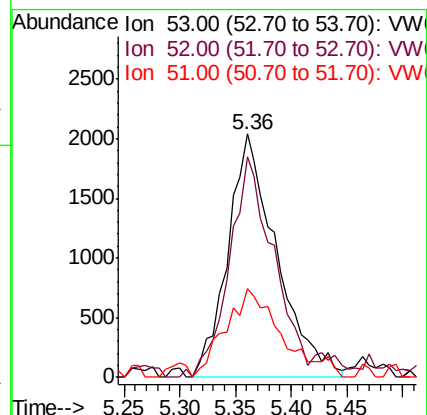
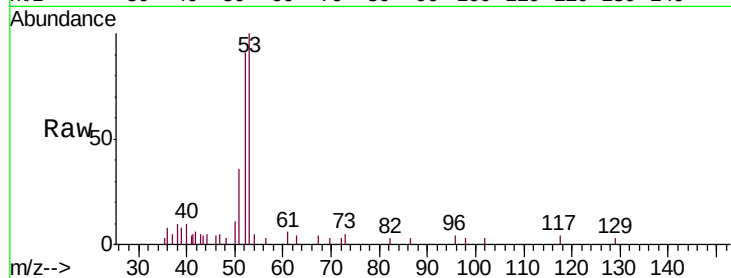
Tgt Ion: 53 Resp: 6201

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

51 40.4 29.6 44.4



#16

Acetone

Concen: 29.142 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008323.D

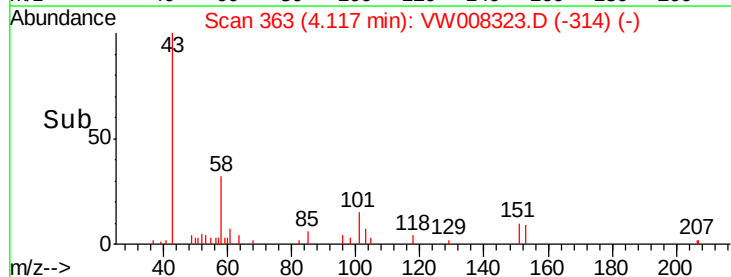
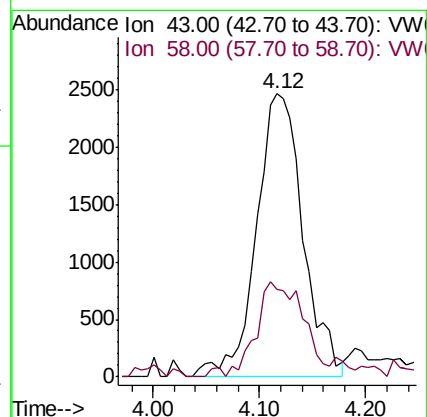
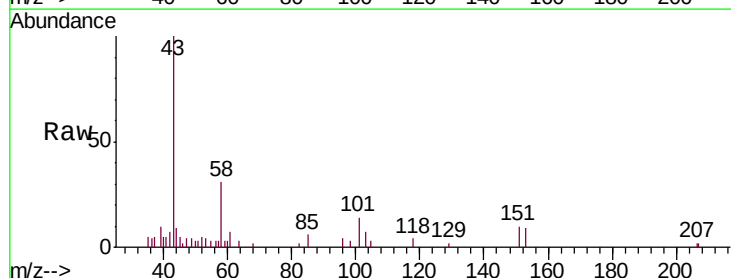
Acq: 17 Jan 2019 12:47

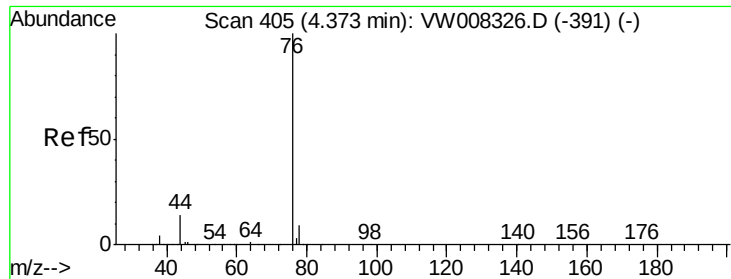
Tgt Ion: 43 Resp: 7538

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1

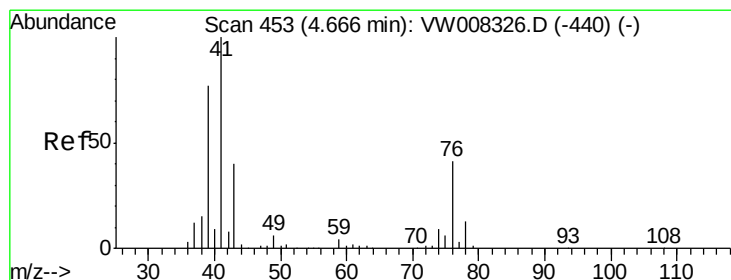
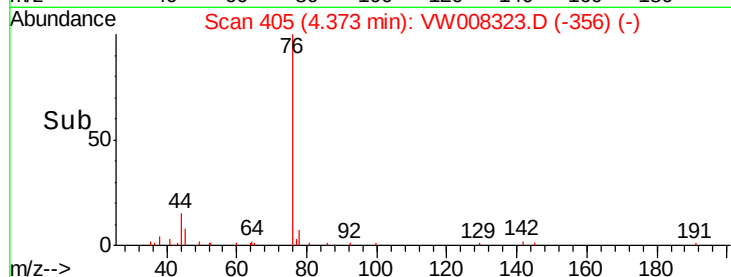
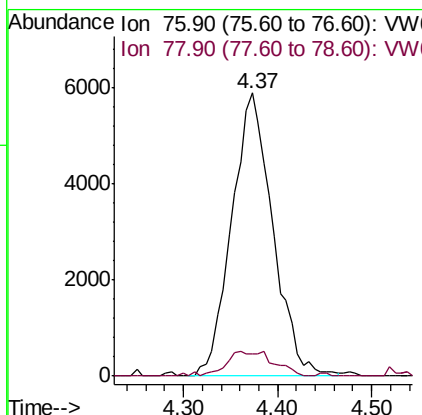
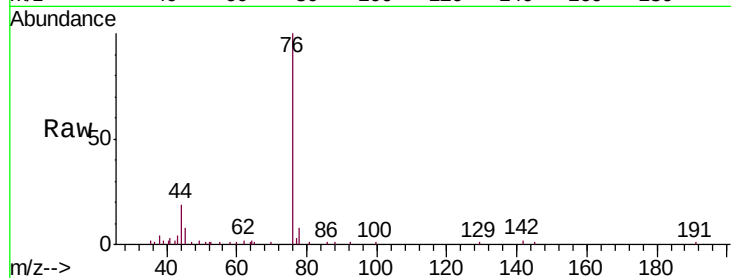




#17
Carbon Disulfide
Concen: 5.342 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

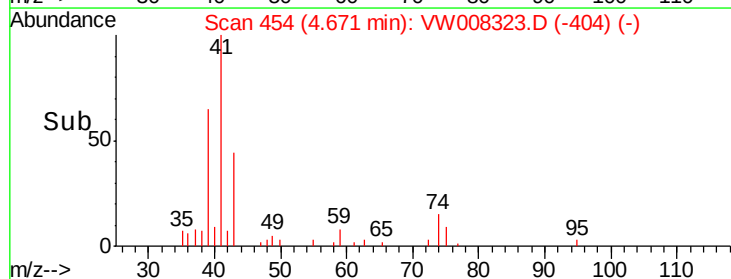
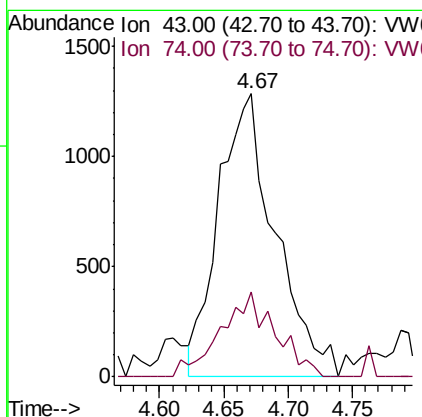
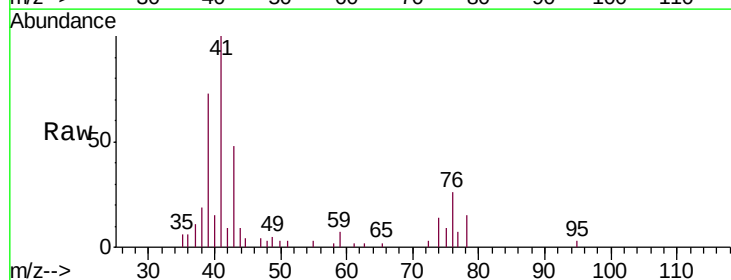
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

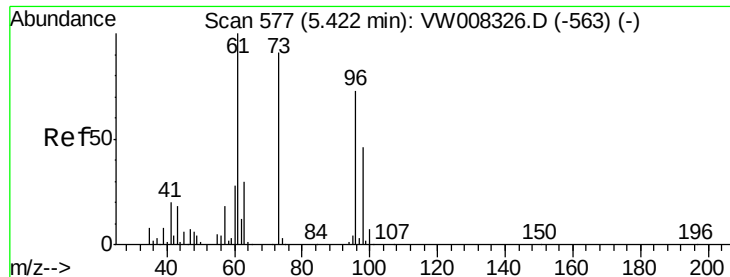
Tgt Ion: 76 Resp: 17858
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4



#18
Methyl Acetate
Concen: 5.712 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
74 28.8 19.4 29.0

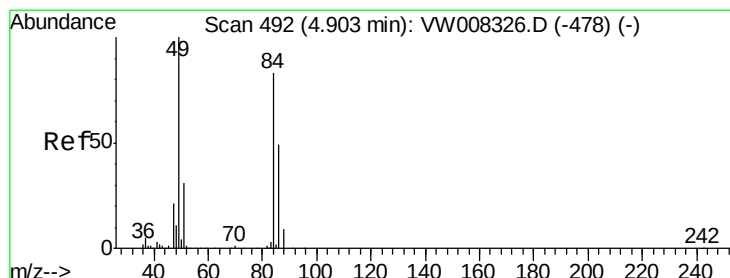
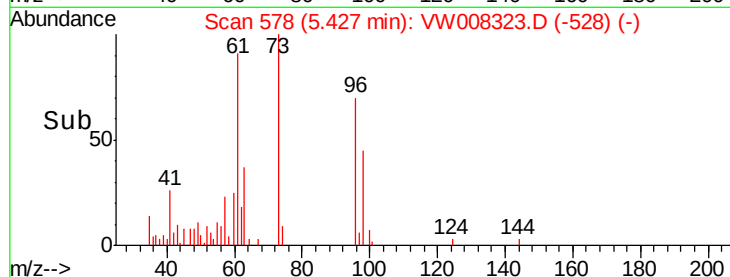
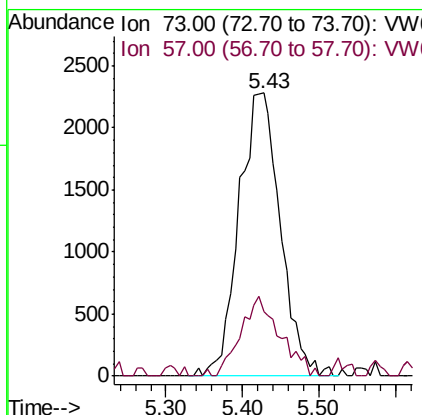
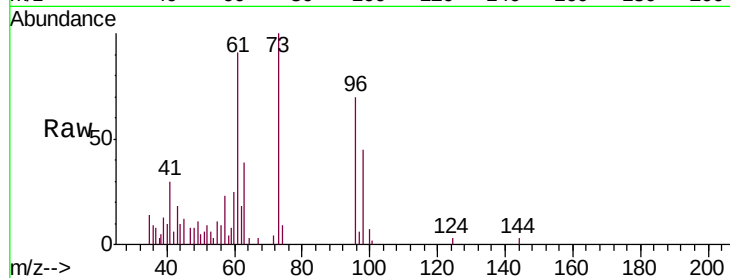




#19
Methyl tert-butyl Ether
Concen: 5.084 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

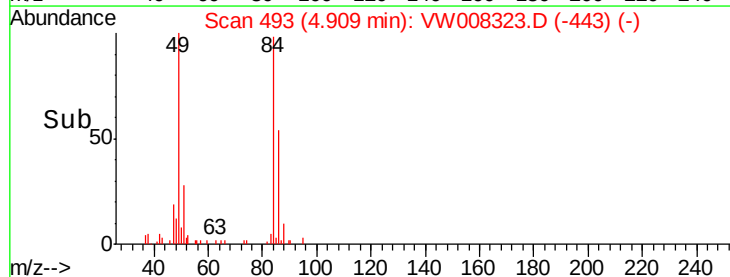
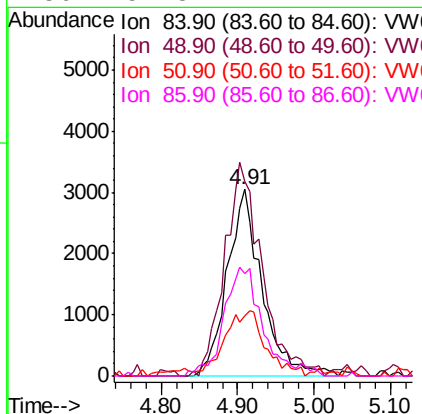
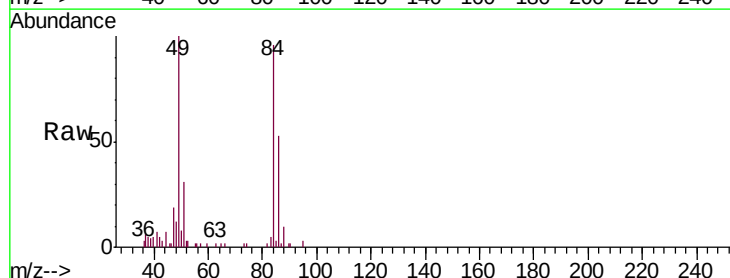
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

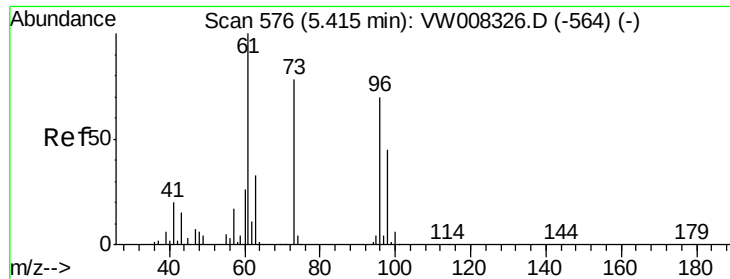
Tgt Ion: 73 Resp: 8550
Ion Ratio Lower Upper
73 100
57 22.9 16.3 24.5



#20
Methylene Chloride
Concen: 6.987 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 84 Resp: 9597
Ion Ratio Lower Upper
84 100
49 104.0 95.9 143.9
51 30.3 29.3 43.9
86 54.8 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 5.350 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

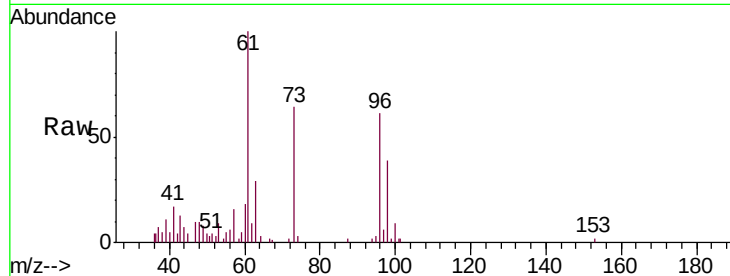
Tgt Ion: 96 Resp: 6601

Ion Ratio Lower Upper

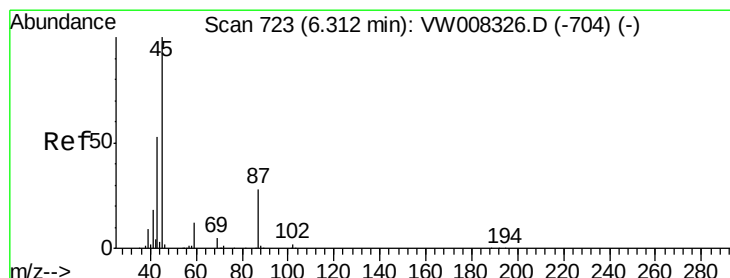
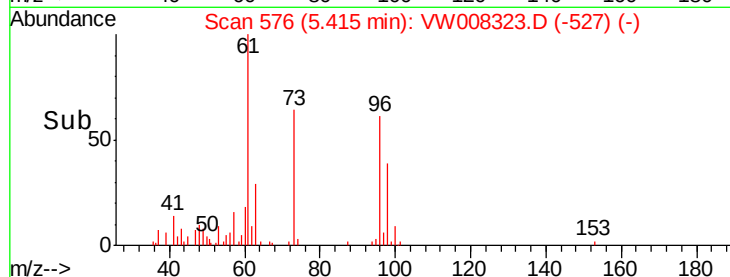
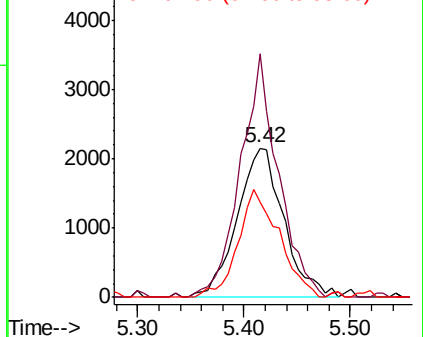
96 100

61 163.5 114.5 171.7

98 64.1 52.0 78.0



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



#22

Diisopropyl ether

Concen: 4.911 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Tgt Ion: 45 Resp: 17608

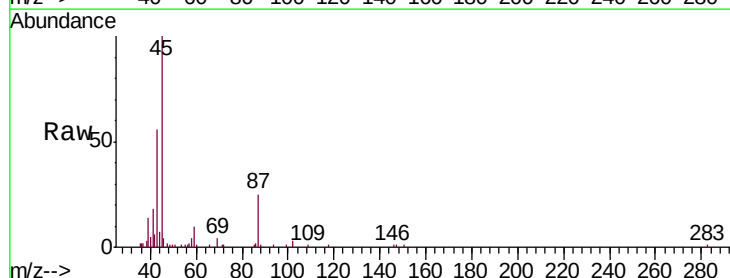
Ion Ratio Lower Upper

45 100

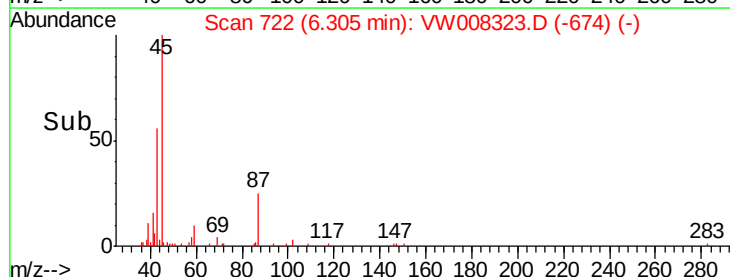
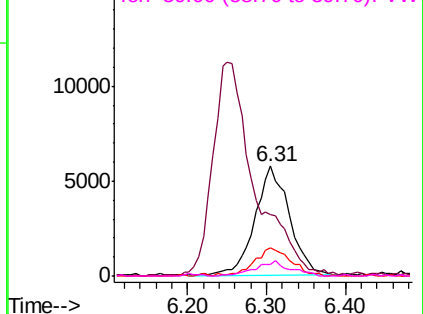
43 54.5 42.5 63.7

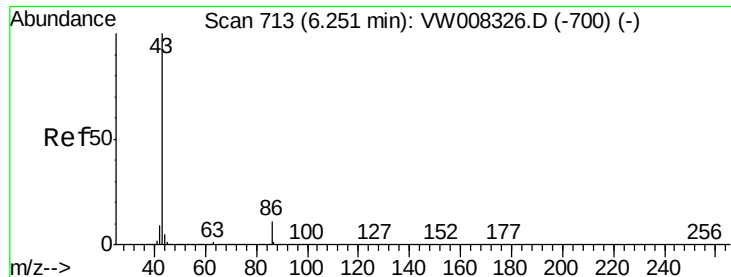
87 25.6 22.2 33.2

59 10.2 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 21.867 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

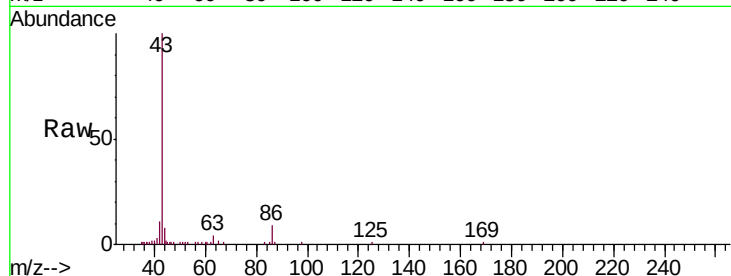
VSTDIC005

Tgt Ion: 43 Resp: 41914

Ion Ratio Lower Upper

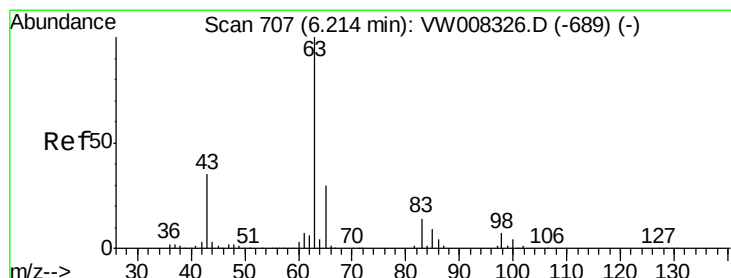
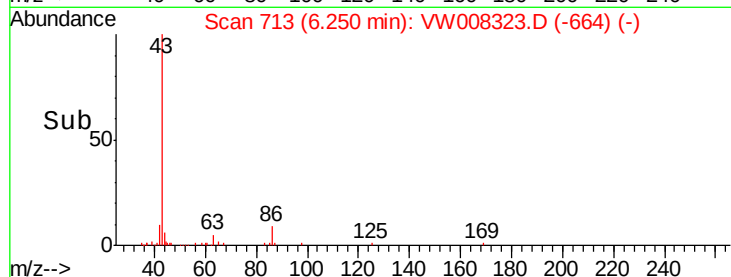
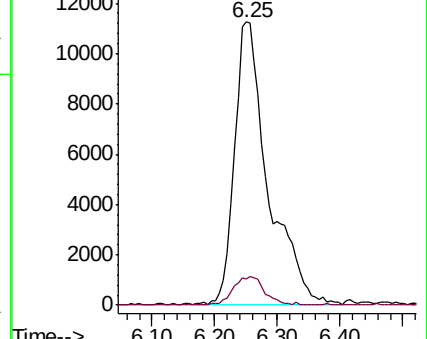
43 100

86 9.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 5.308 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

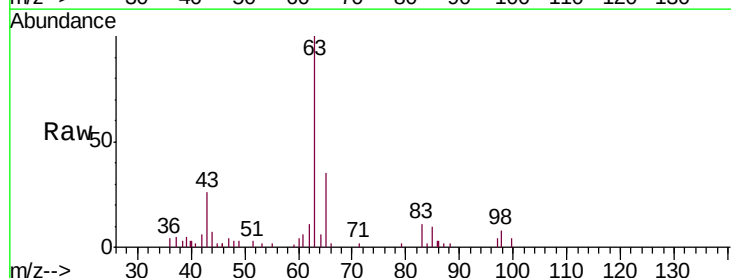
Tgt Ion: 63 Resp: 11590

Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.6

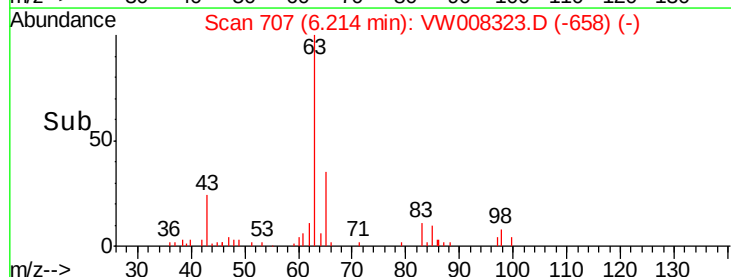
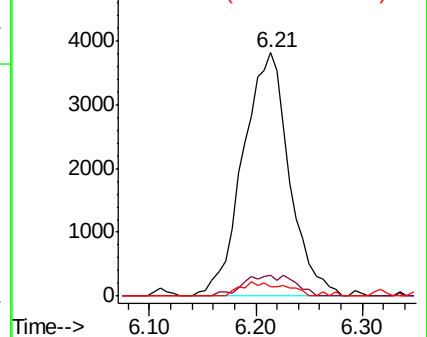
100 4.1 2.1 6.3

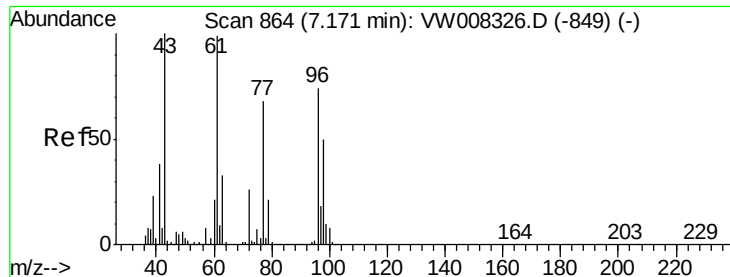


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 25.038 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

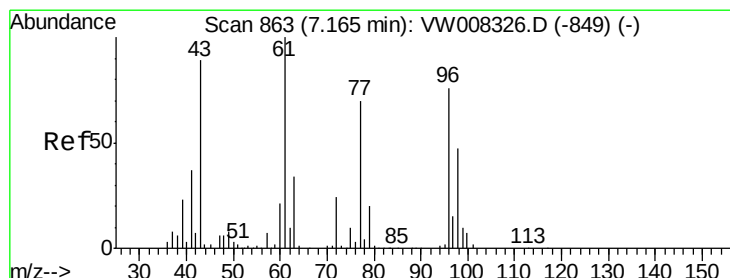
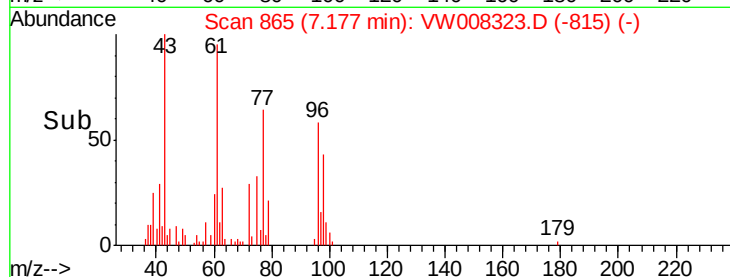
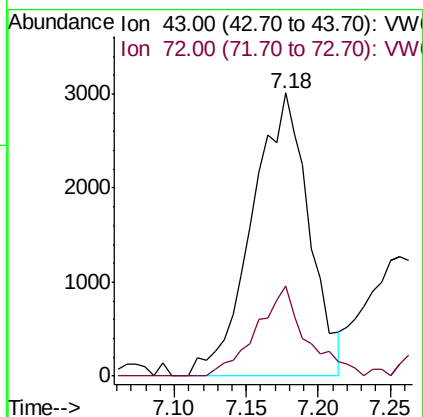
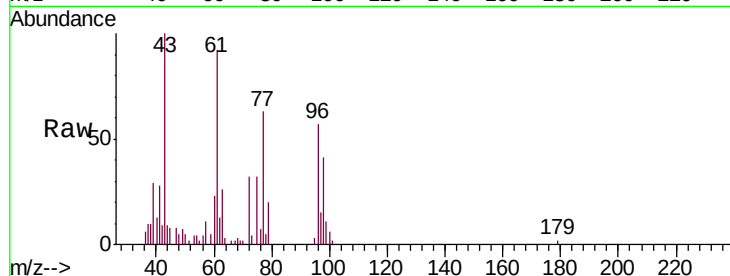
VSTDIC005

Tgt Ion: 43 Resp: 8295

Ion Ratio Lower Upper

43 100

72 31.8 21.2 31.8



#26

2,2-Dichloropropane

Concen: 5.693 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW008323.D

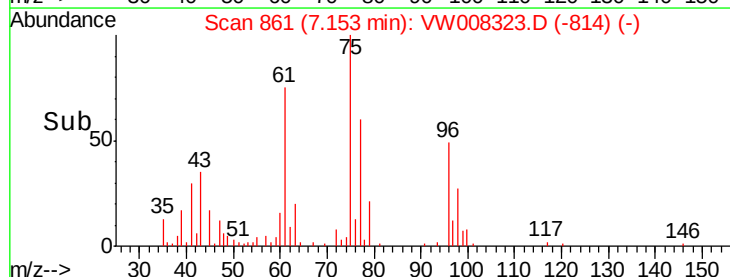
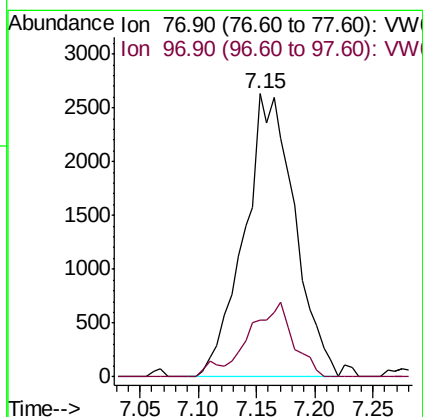
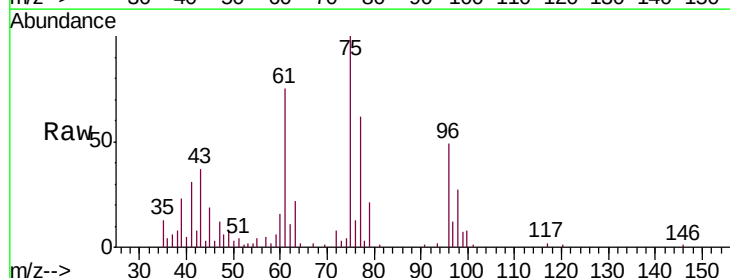
Acq: 17 Jan 2019 12:47

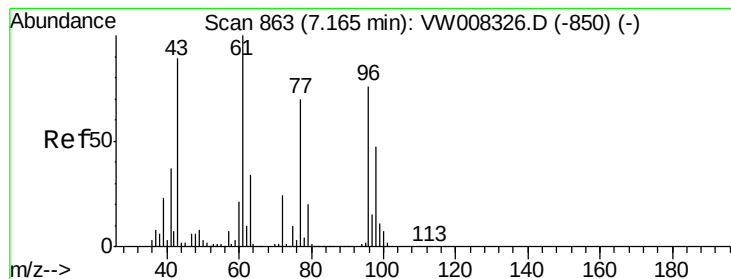
Tgt Ion: 77 Resp: 7932

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.1



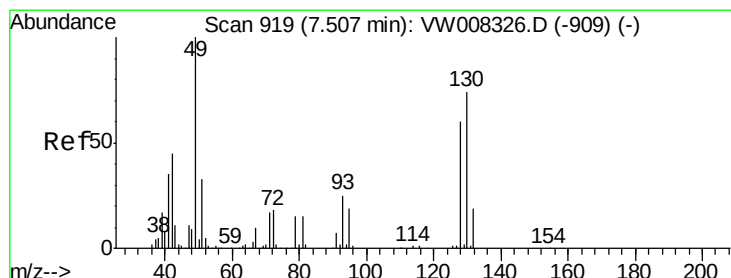
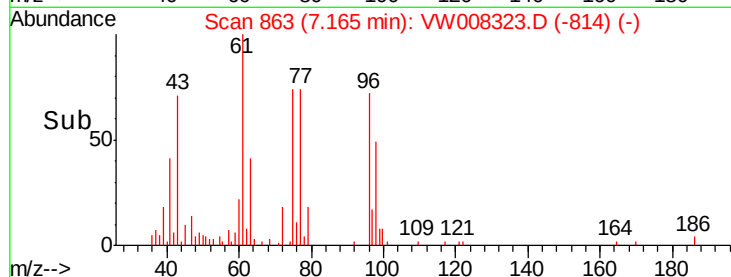
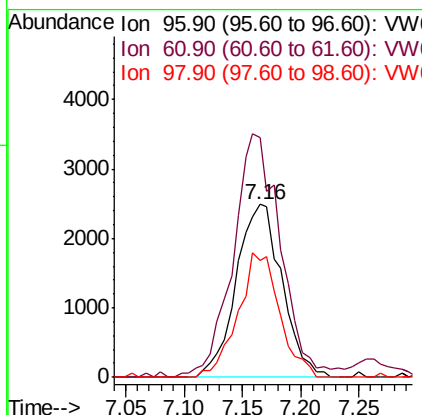
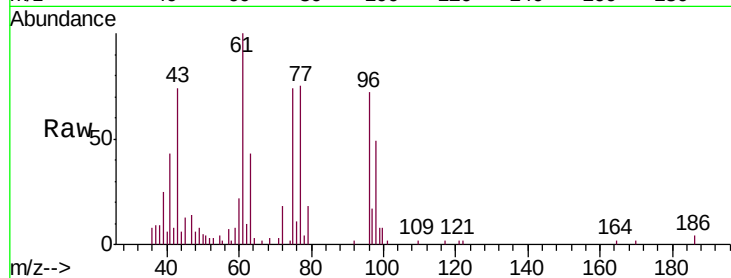


#27

cis-1,2-Dichloroethene
 Concen: 5.108 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

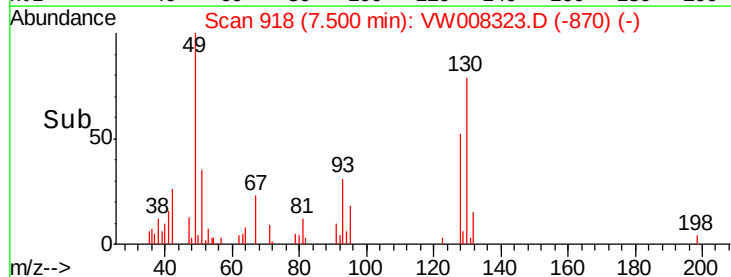
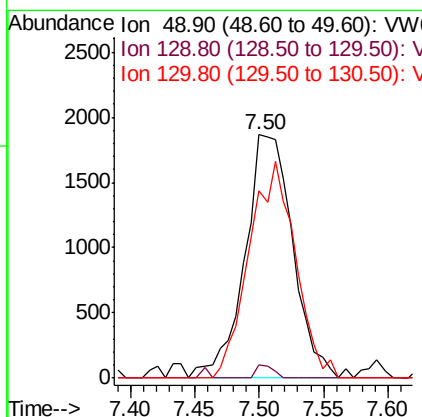
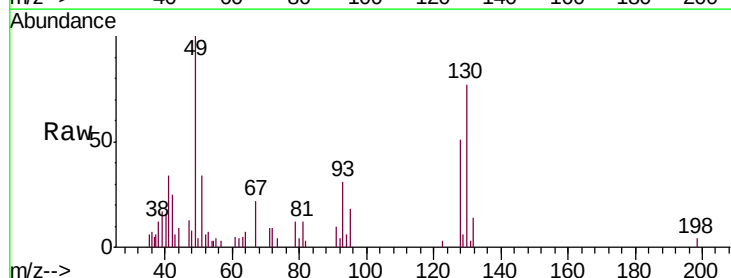
Tgt Ion: 96 Resp: 6829
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 272.2
 98 65.1 0.0 129.4

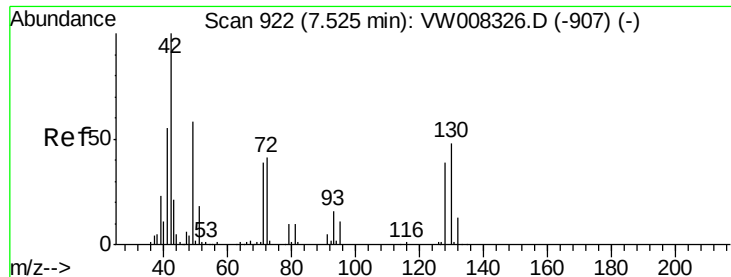


#28

Bromochloromethane
 Concen: 5.342 ug/l
 RT: 7.50 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 49 Resp: 4805
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.6
 130 85.8 0.0 0.0#

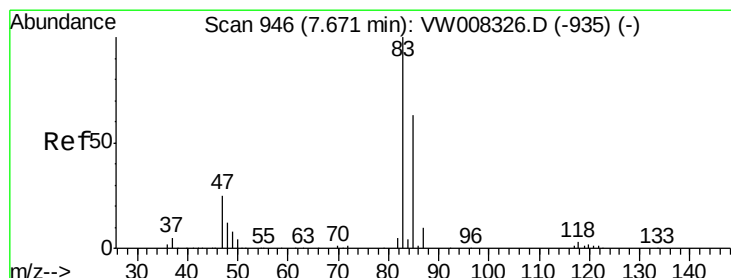
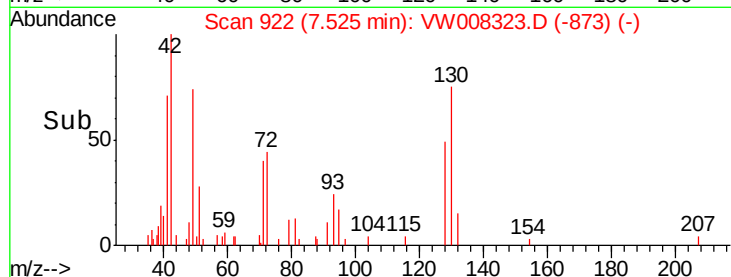
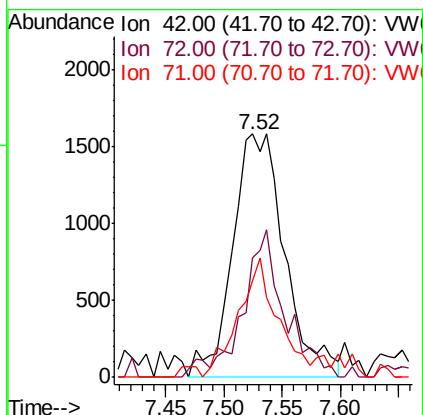
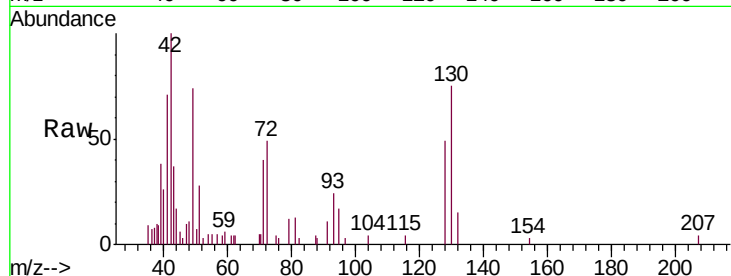




#29
Tetrahydrofuran
Concen: 23.943 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

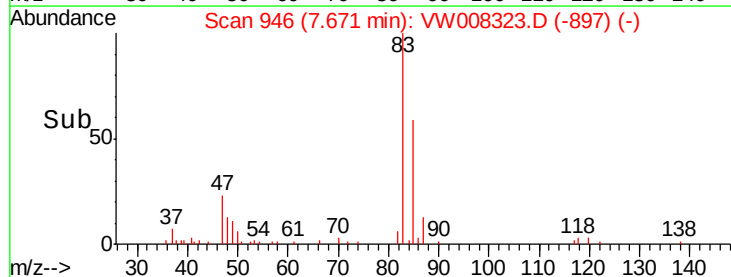
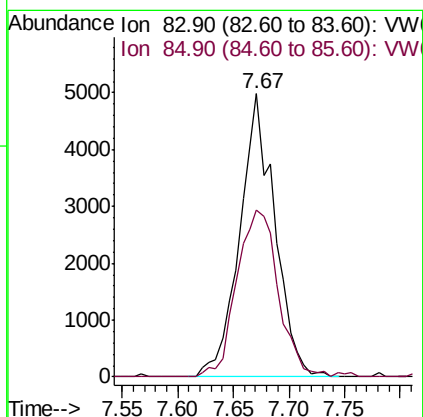
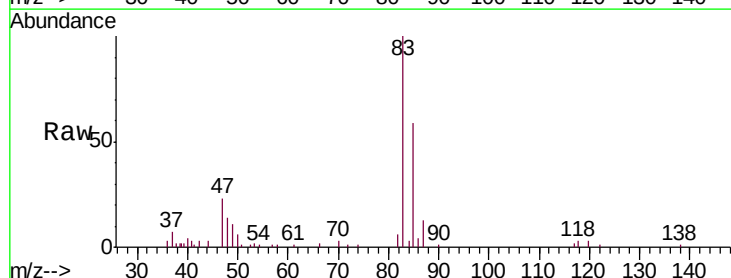
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

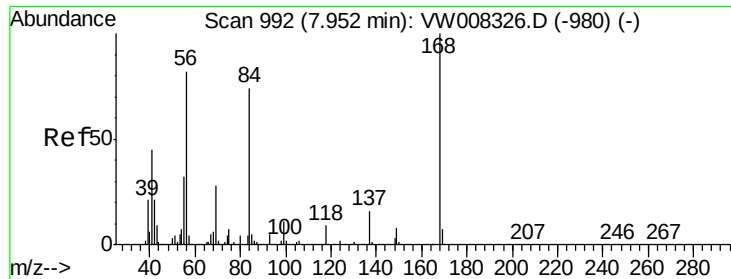
Tgt Ion: 42 Resp: 4945
Ion Ratio Lower Upper
42 100
72 48.8 34.0 51.0
71 36.8 32.0 48.0



#30
Chloroform
Concen: 5.052 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 83 Resp: 10913
Ion Ratio Lower Upper
83 100
85 58.8 50.2 75.2

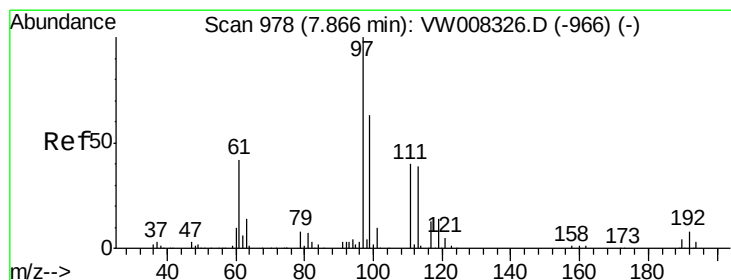
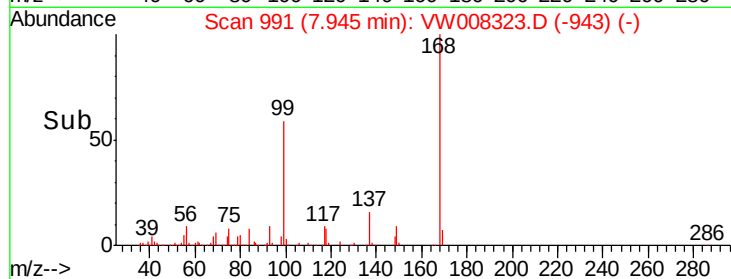
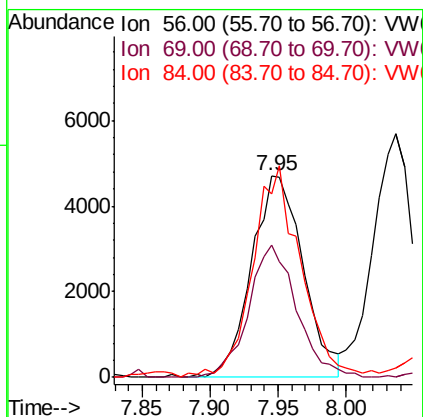
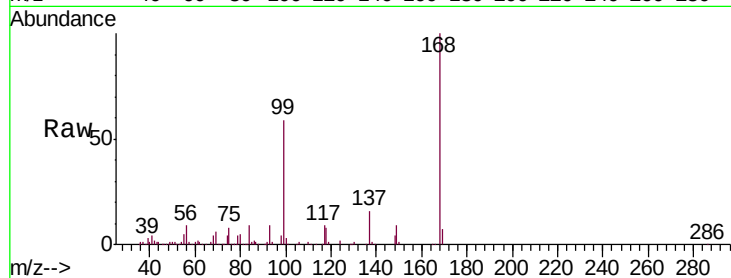




#31
Cyclohexane
Concen: 6.004 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

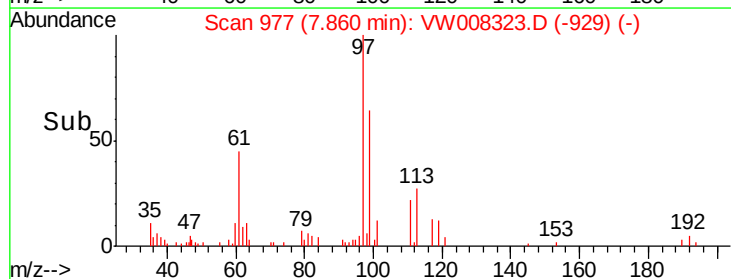
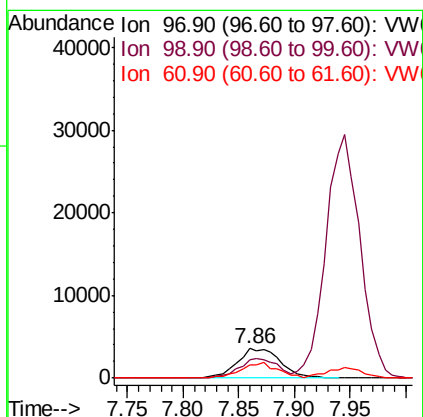
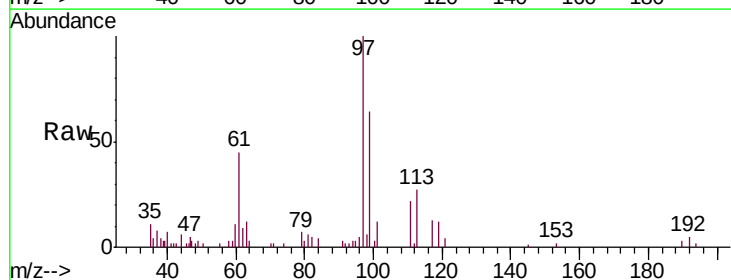
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

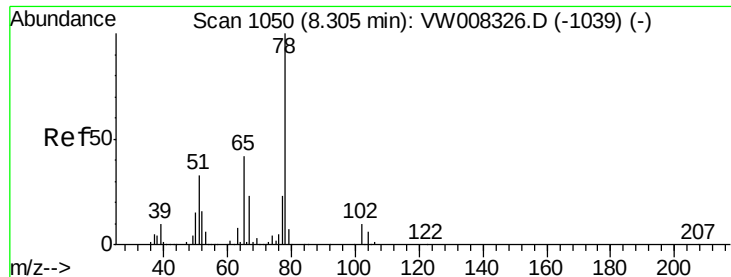
Tgt Ion: 56 Resp: 12489
Ion Ratio Lower Upper
56 100
69 65.7 27.0 40.6#
84 88.7 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 5.376 ug/l
RT: 7.86 min Scan# 977
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 97 Resp: 9747
Ion Ratio Lower Upper
97 100
99 60.2 51.1 76.7
61 45.3 34.0 51.0

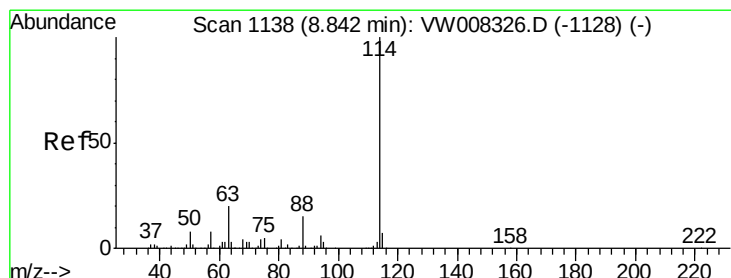
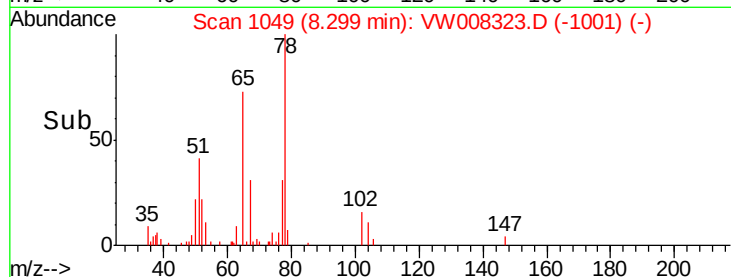
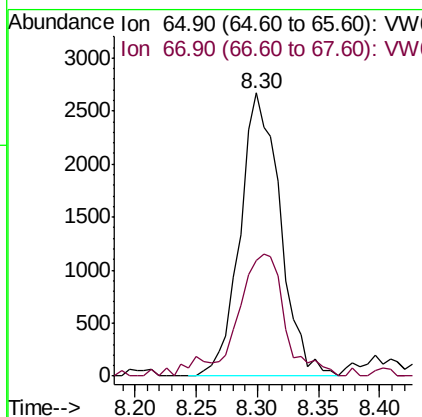
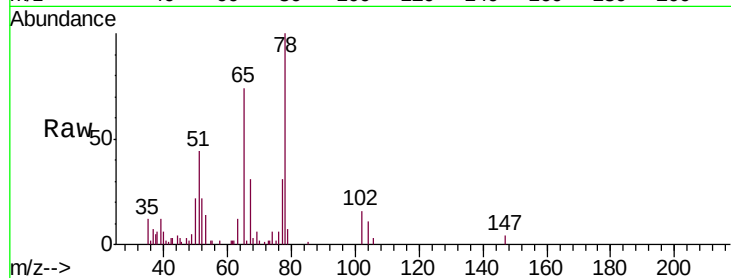




#33
 1,2-Dichloroethane-d4
 Concen: 5.477 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

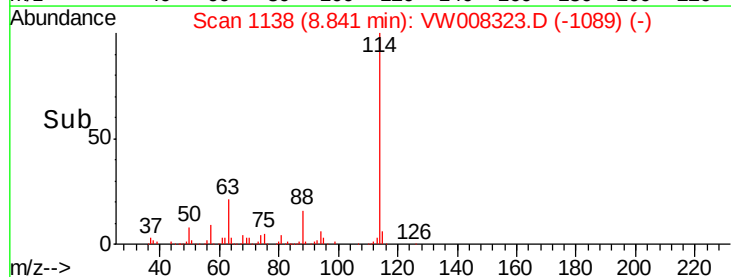
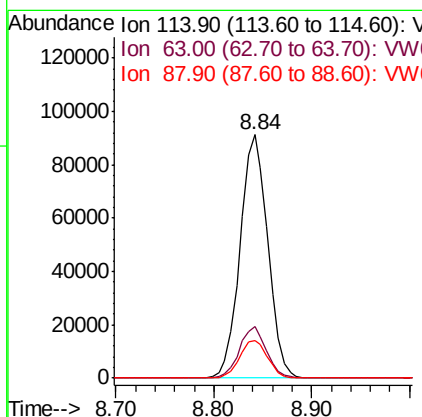
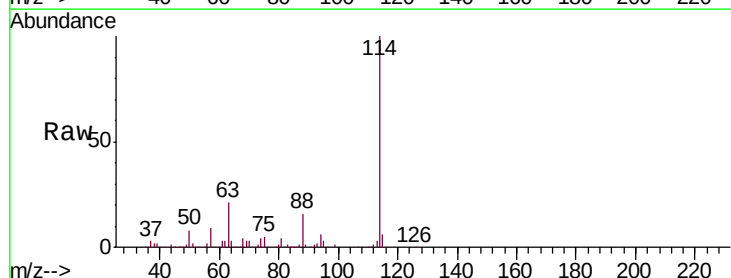
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

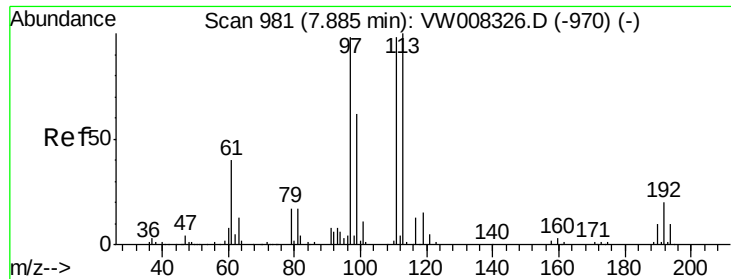
Tgt Ion: 65 Resp: 6100
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 114 Resp: 178705
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 15.6 0.0 30.4

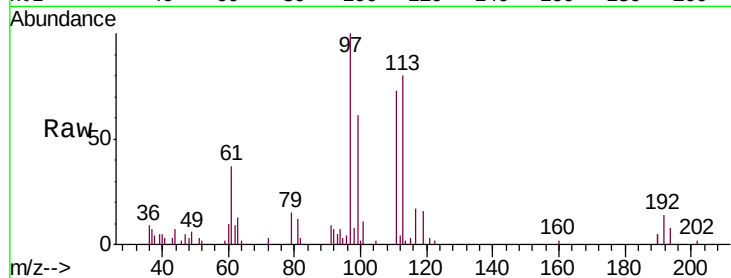




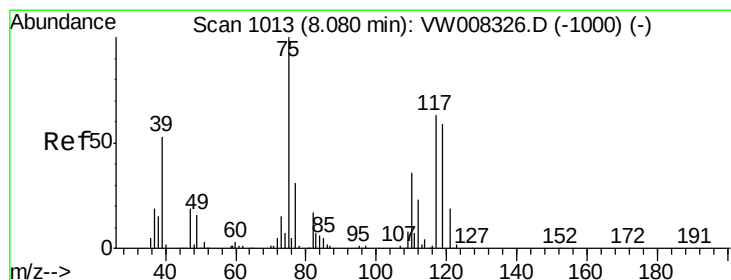
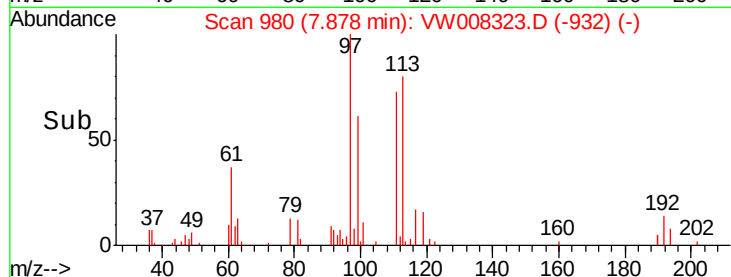
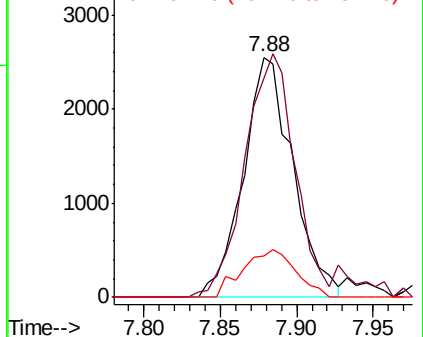
#35
Dibromofluoromethane
Concen: 5.038 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 5747
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 21.4 16.3 24.5

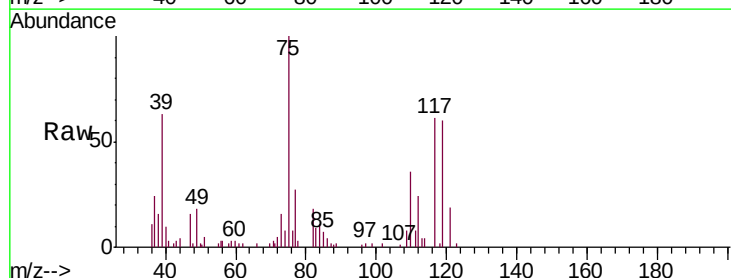


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

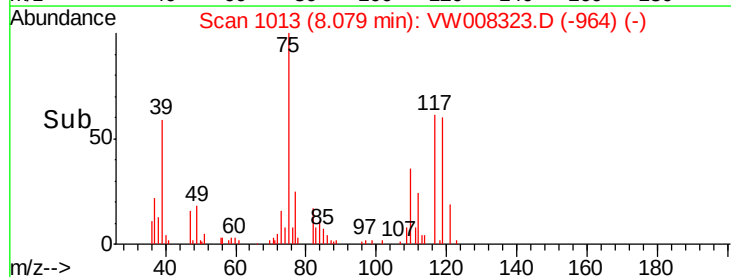
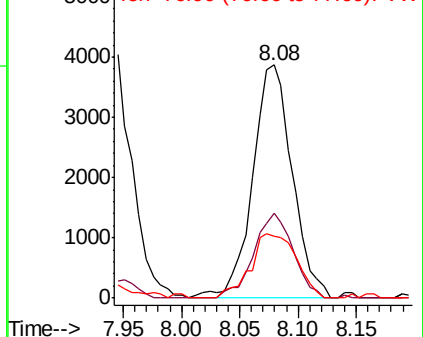


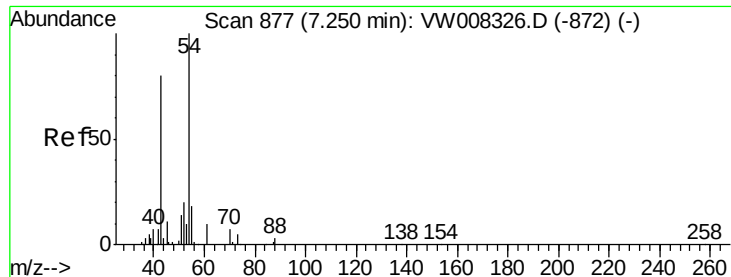
#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 75 Resp: 9145
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.6
77 31.7 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

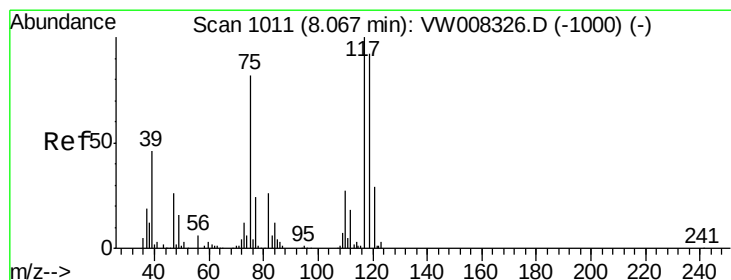
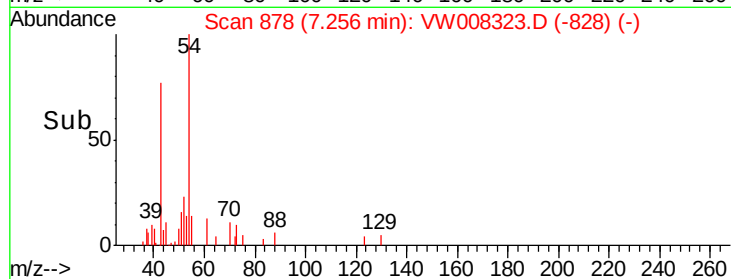
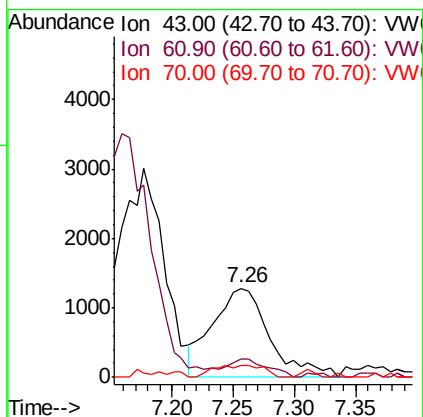
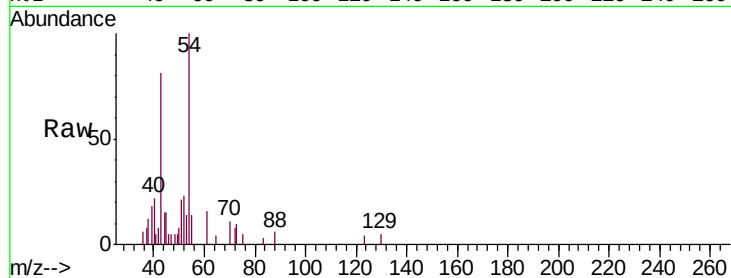




#37
Ethyl Acetate
Concen: 5.622 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

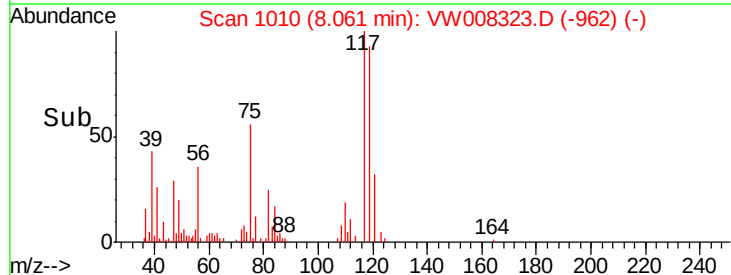
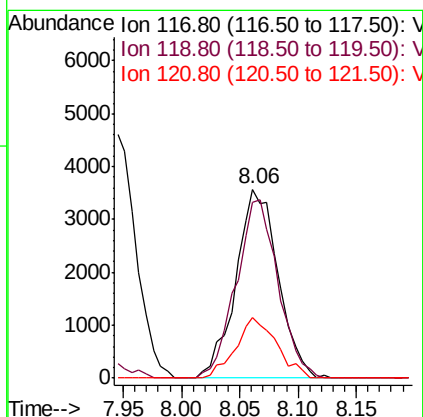
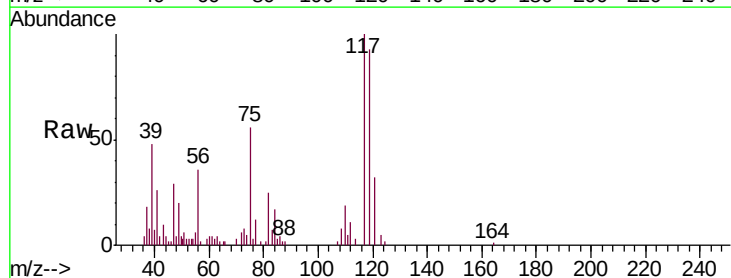
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

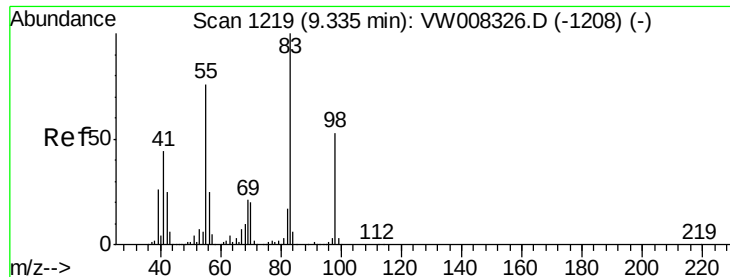
Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 5.7 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 117 Resp: 9011
Ion Ratio Lower Upper
117 100
119 93.1 73.8 110.6
121 32.1 23.4 35.0

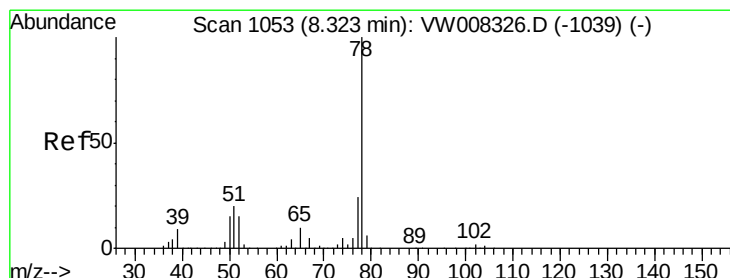
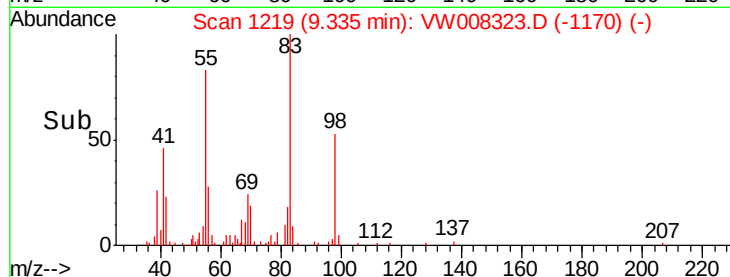
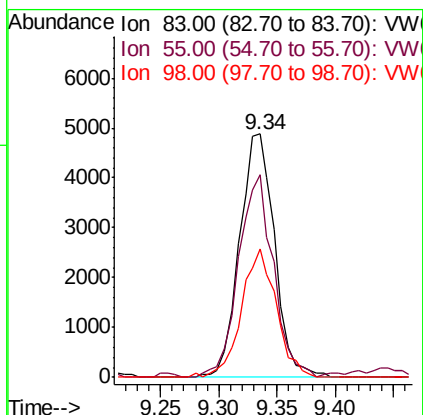
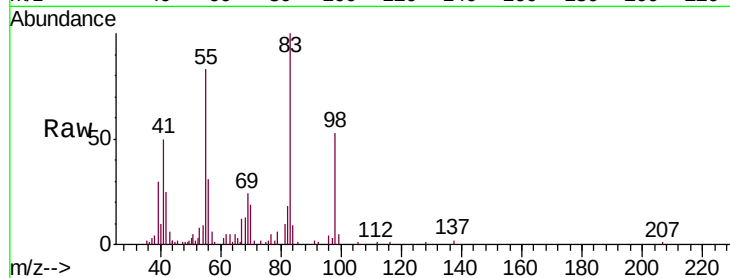




#39
Methylcyclohexane
Concen: 4.782 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

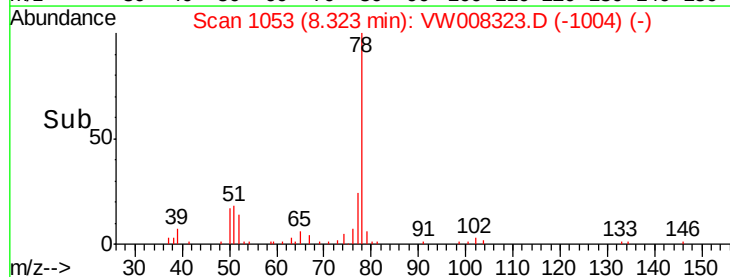
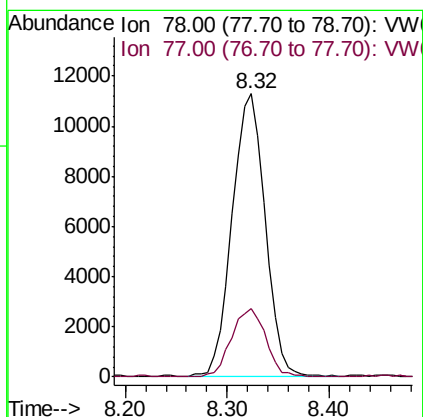
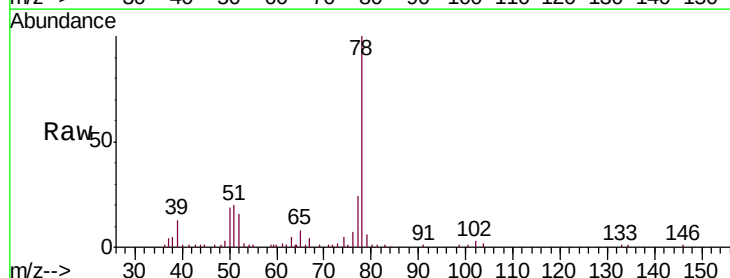
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

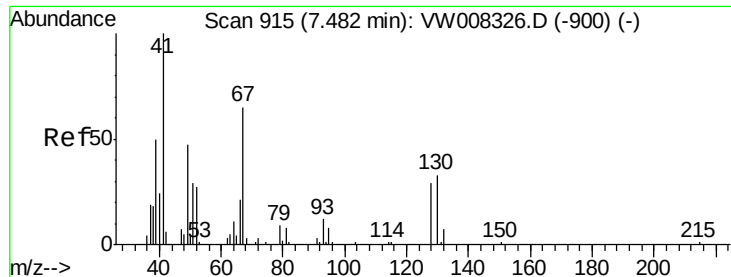
Tgt Ion: 83 Resp: 10226
Ion Ratio Lower Upper
83 100
55 83.1 61.1 91.7
98 52.5 42.5 63.7



#40
Benzene
Concen: 4.997 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 78 Resp: 25449
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41

Methacrylonitrile

Concen: 5.250 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 2266

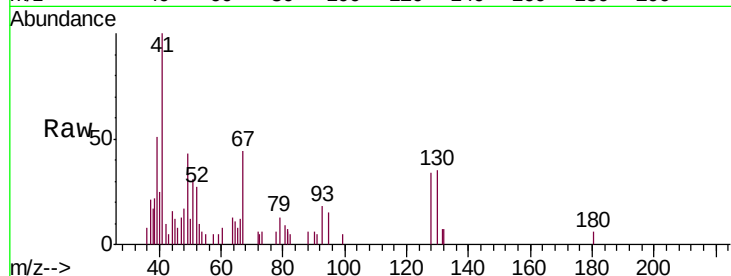
Ion Ratio Lower Upper

41 100

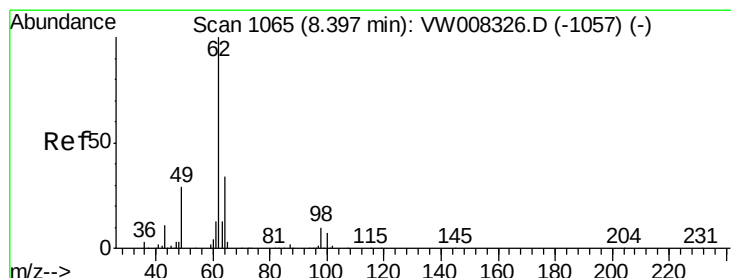
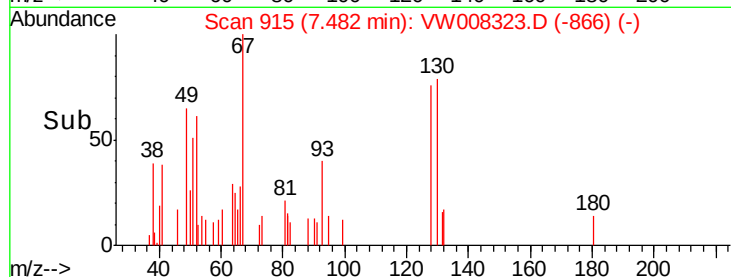
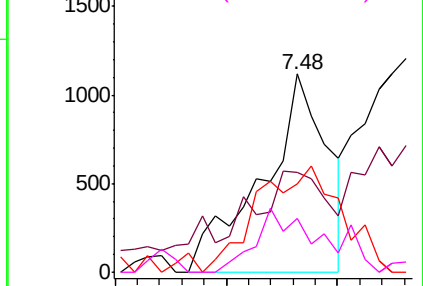
39 36.5 44.9 67.3#

67 69.3 56.9 85.3

52 33.0 24.4 36.6



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



#42

1,2-Dichloroethane

Concen: 5.171 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008323.D

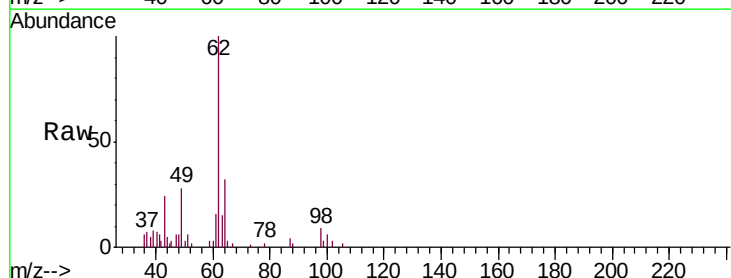
Acq: 17 Jan 2019 12:47

Tgt Ion: 62 Resp: 7364

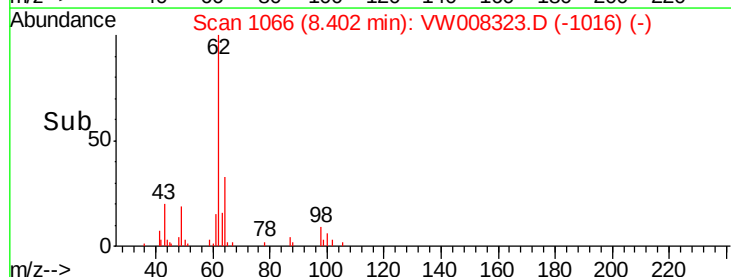
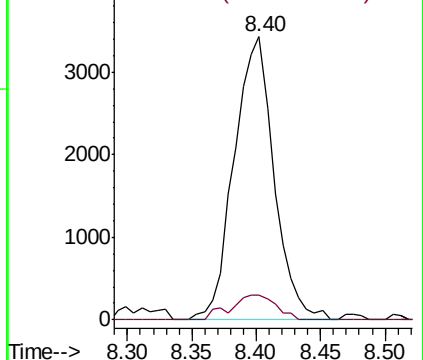
Ion Ratio Lower Upper

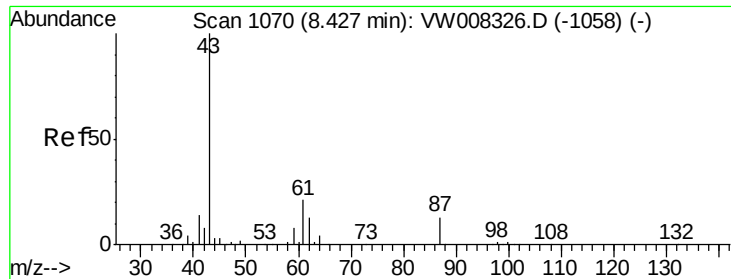
62 100

98 10.0 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 4.813 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

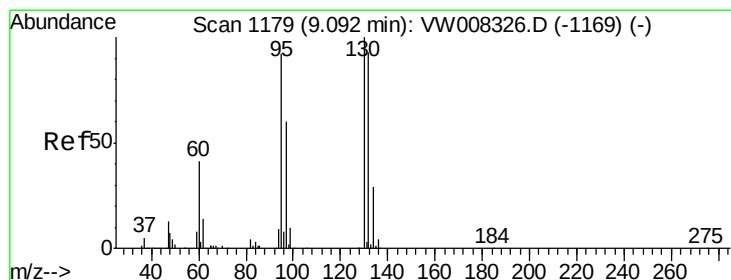
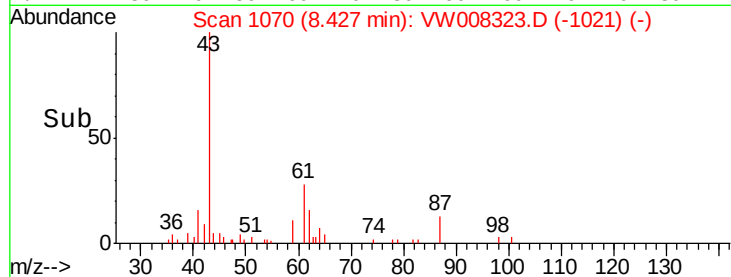
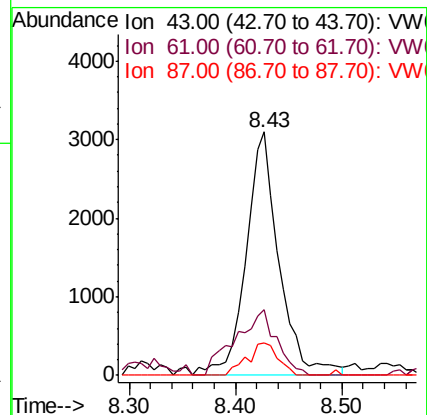
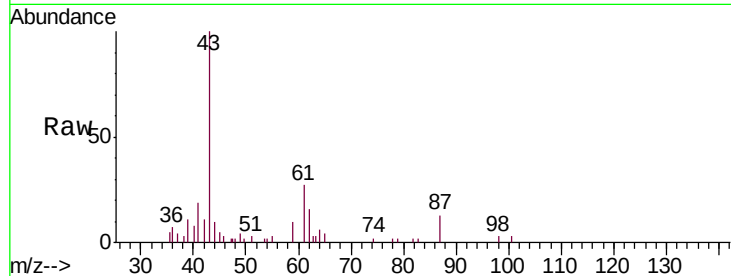
Tgt Ion: 43 Resp: 6741

Ion Ratio Lower Upper

43 100

61 33.3 24.8 37.2

87 12.3 10.7 16.1



#44

Trichloroethene

Concen: 5.121 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008323.D

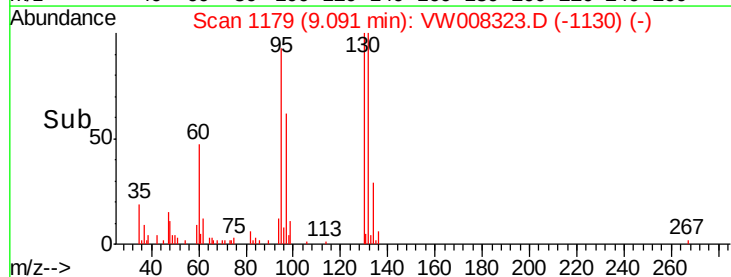
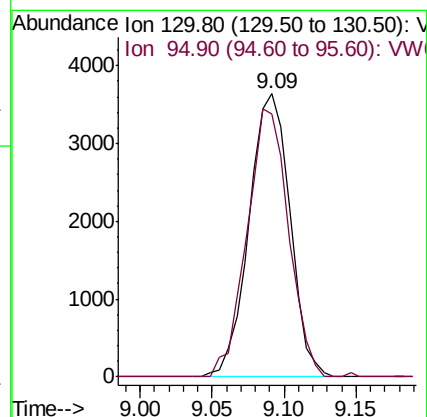
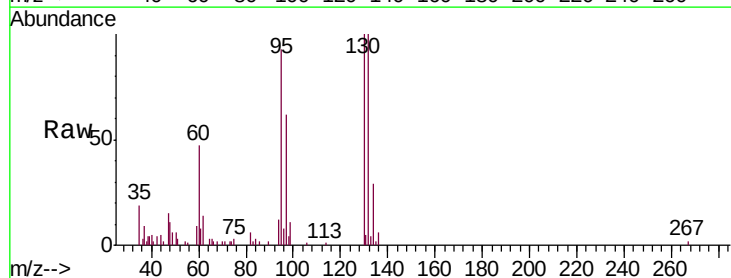
Acq: 17 Jan 2019 12:47

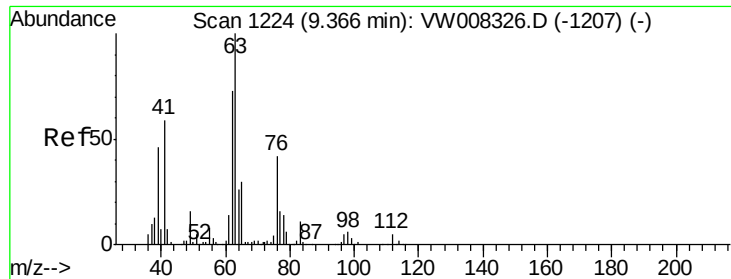
Tgt Ion: 130 Resp: 7146

Ion Ratio Lower Upper

130 100

95 92.8 0.0 184.8

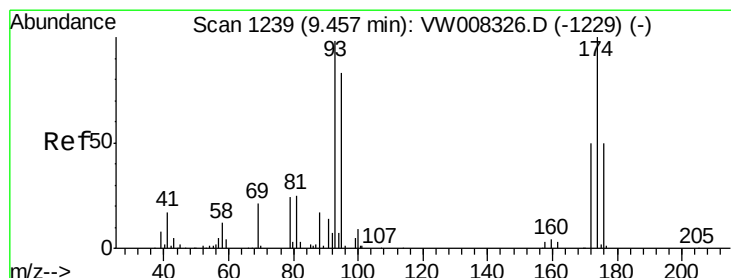
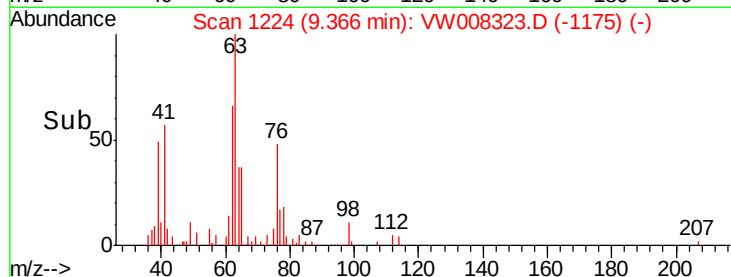
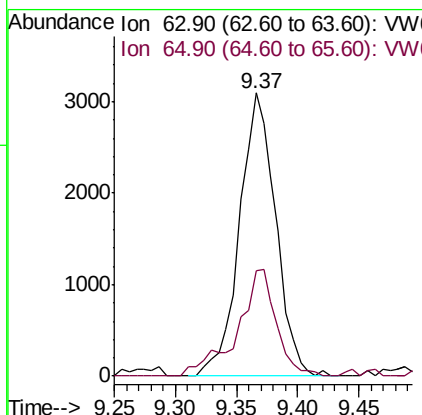
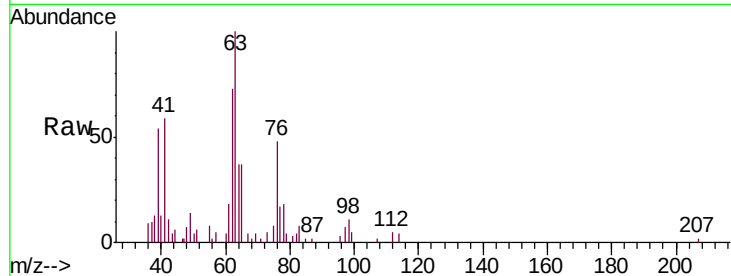




#45
 1,2-Dichloropropane
 Concen: 5.019 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

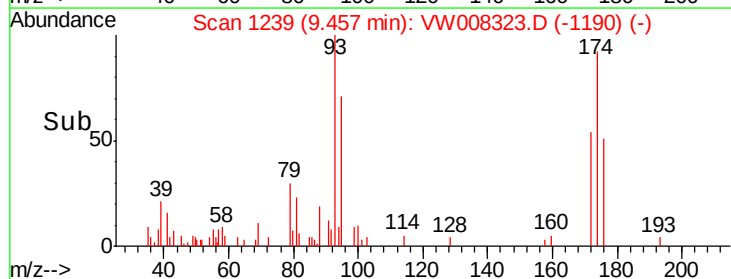
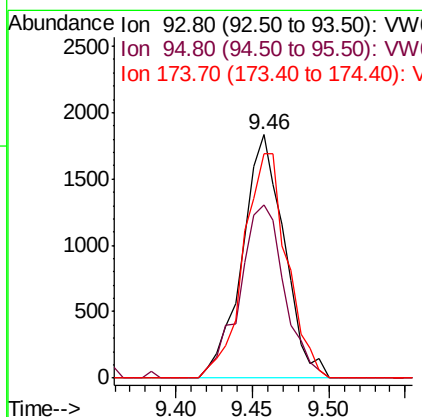
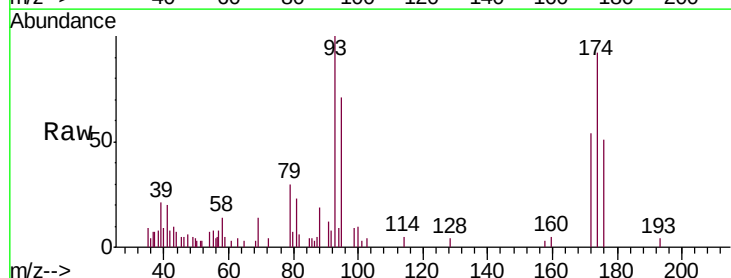
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

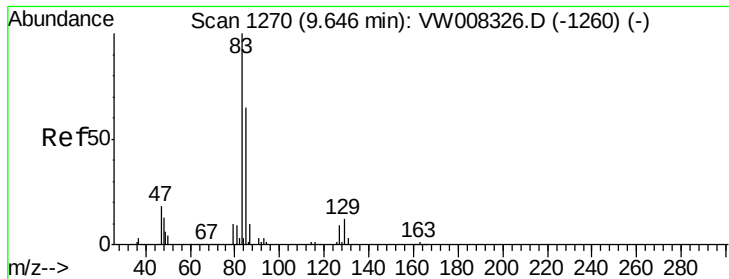
Tgt Ion: 63 Resp: 6349
 Ion Ratio Lower Upper
 63 100
 65 37.1 23.9 35.9#



#46
 Dibromomethane
 Concen: 5.301 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 93 Resp: 3495
 Ion Ratio Lower Upper
 93 100
 95 75.9 67.8 101.8
 174 96.2 84.4 126.6





#47

Bromodichloromethane

Concen: 4.685 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

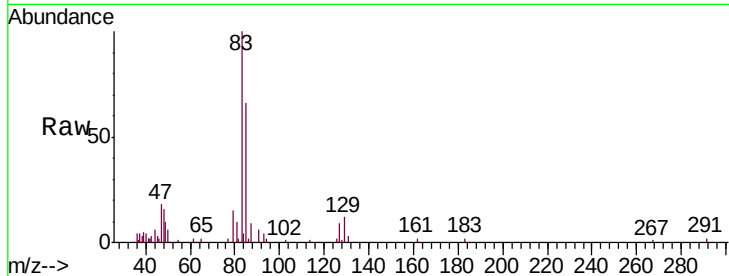
Tgt Ion: 83 Resp: 7620

Ion Ratio Lower Upper

83 100

85 65.7 51.6 77.4

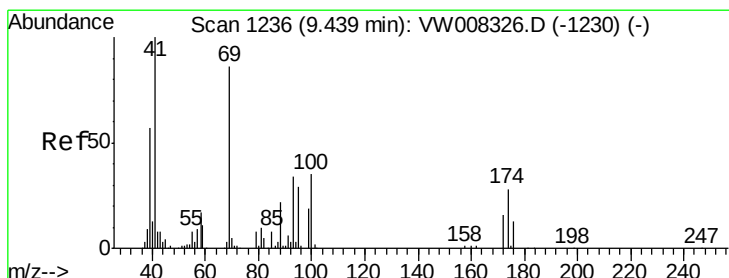
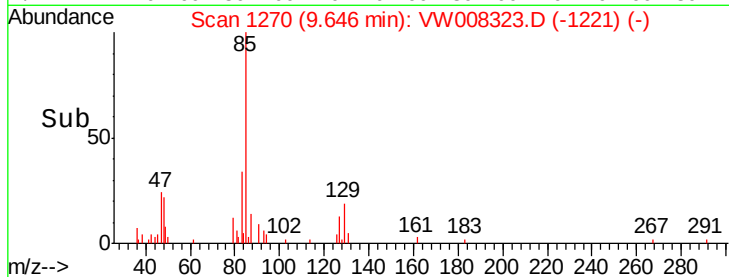
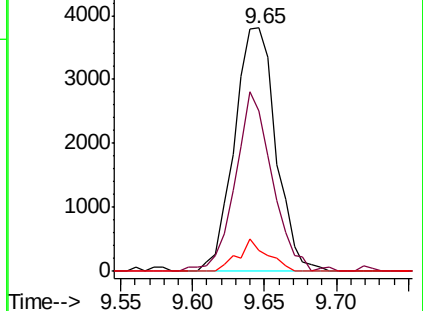
127 8.8 6.8 10.2



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): VW



#48

Methyl methacrylate

Concen: 4.625 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

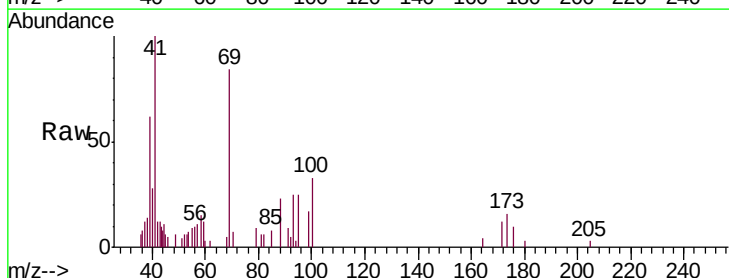
Tgt Ion: 41 Resp: 3049

Ion Ratio Lower Upper

41 100

69 83.8 68.2 102.4

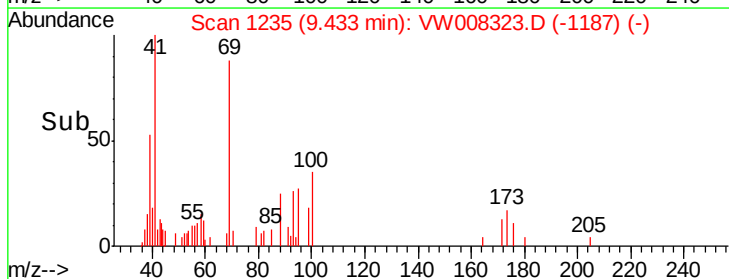
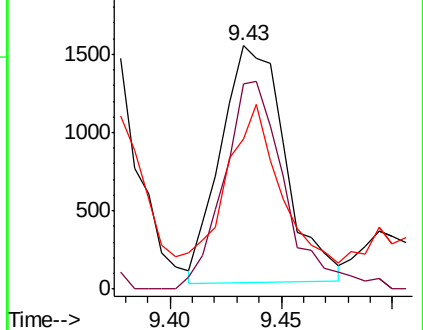
39 52.3 46.0 69.0

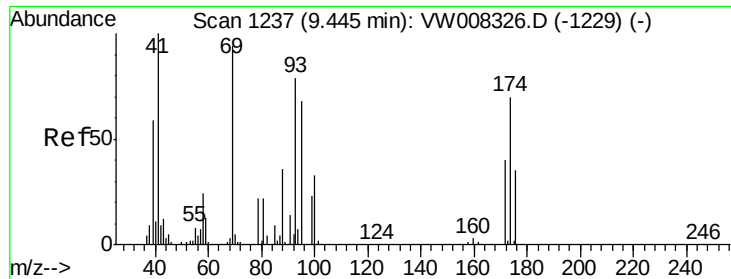


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

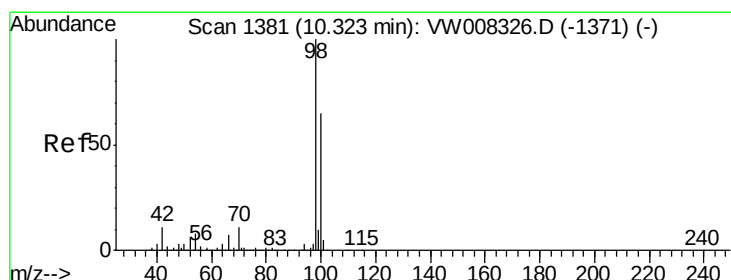
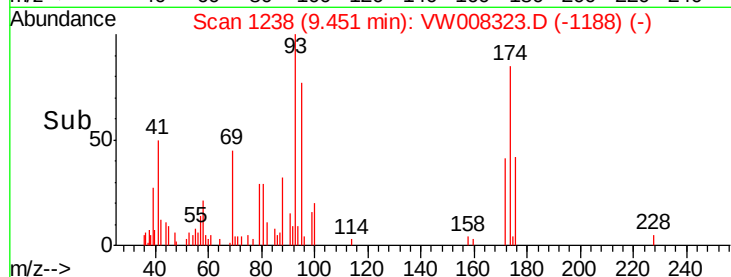
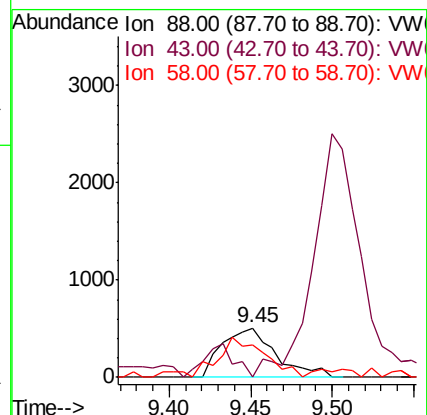
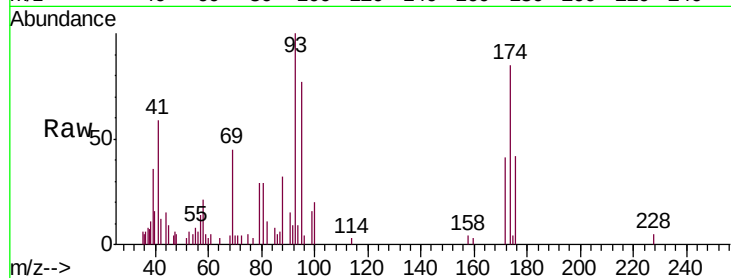




#49
1,4-Dioxane
Concen: 108.816 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

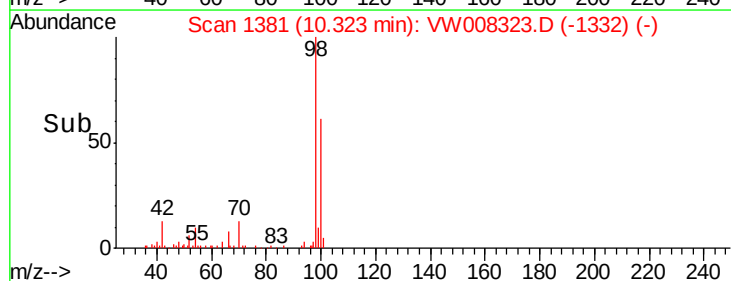
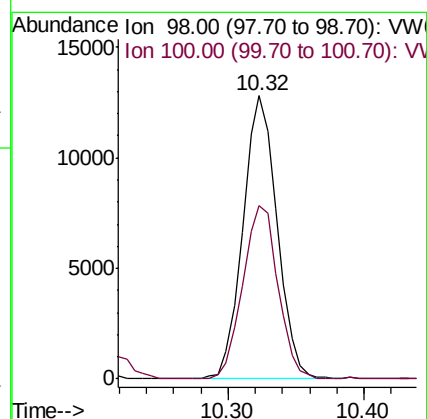
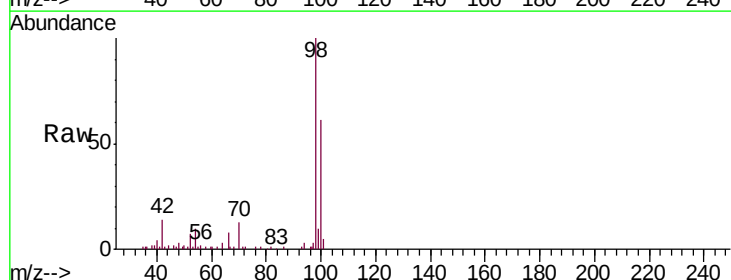
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

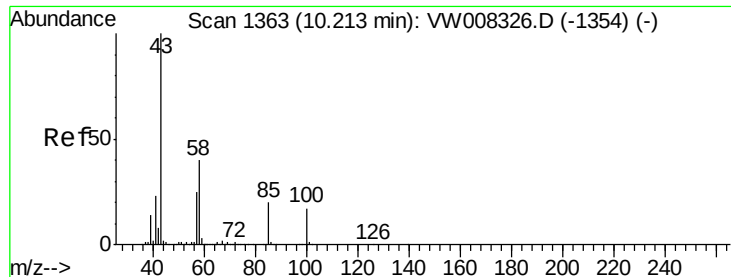
Tgt Ion: 88 Resp: 1155
Ion Ratio Lower Upper
88 100
43 37.6 27.1 40.7
58 75.2 57.9 86.9



#50
Toluene-d8
Concen: 5.008 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 98 Resp: 22444
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 23.349 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

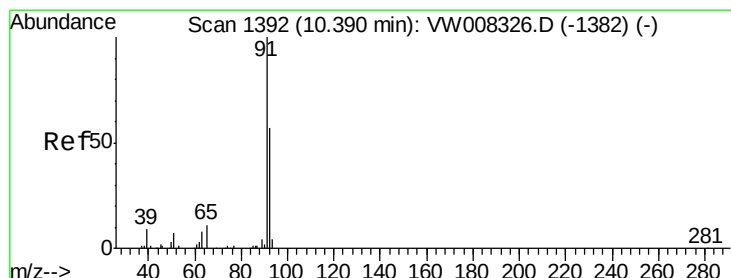
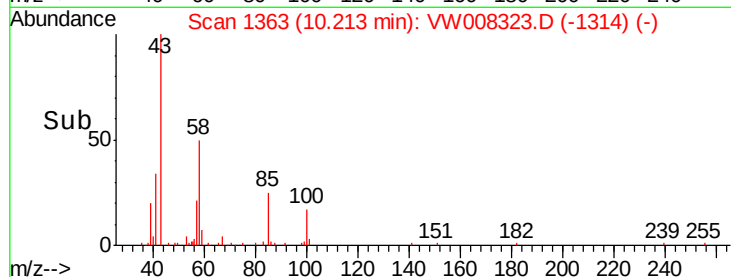
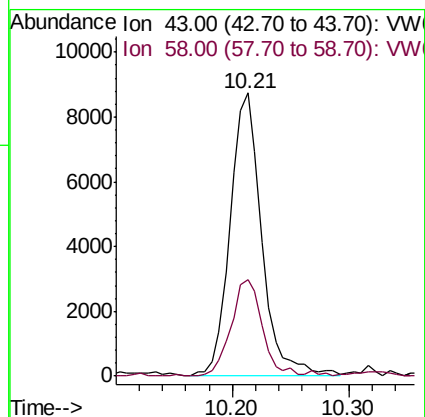
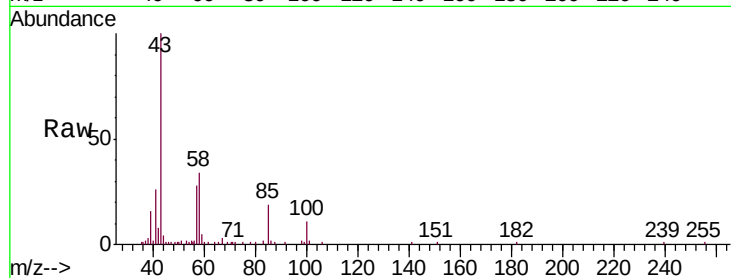
VSTDIC005

Tgt Ion: 43 Resp: 16558

Ion Ratio Lower Upper

43 100

58 33.7 31.4 47.0



#52

Toluene

Concen: 4.872 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008323.D

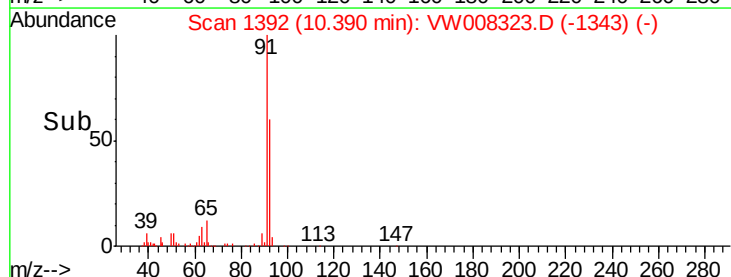
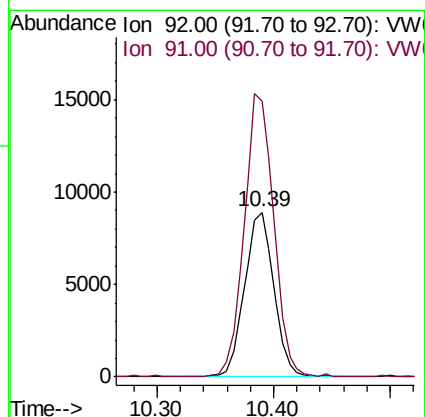
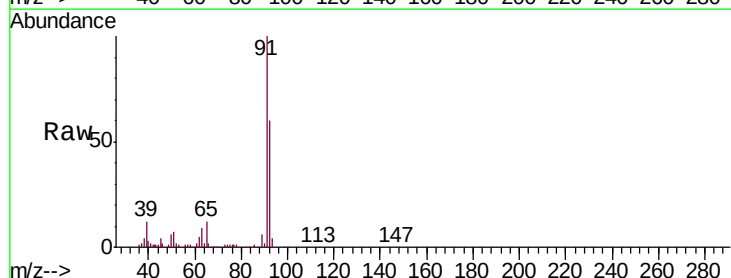
Acq: 17 Jan 2019 12:47

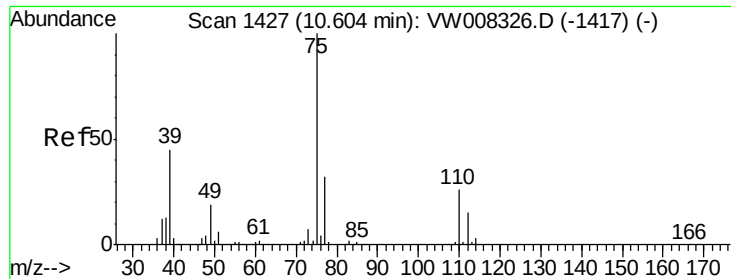
Tgt Ion: 92 Resp: 15702

Ion Ratio Lower Upper

92 100

91 173.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 4.713 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

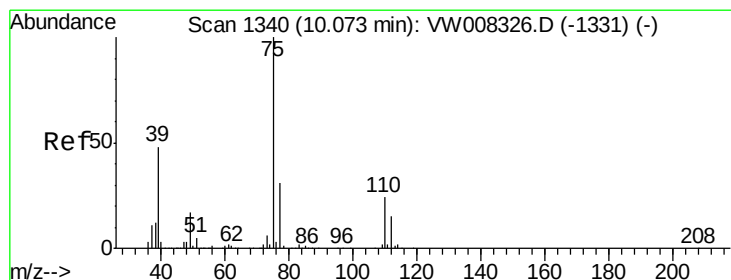
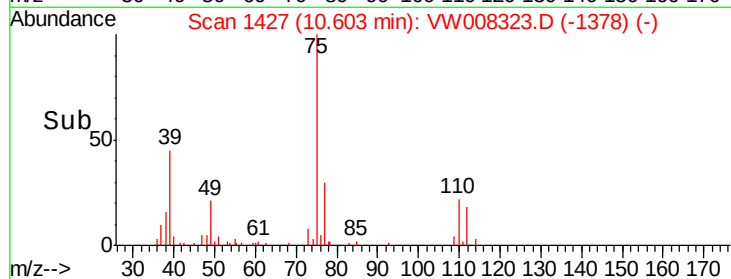
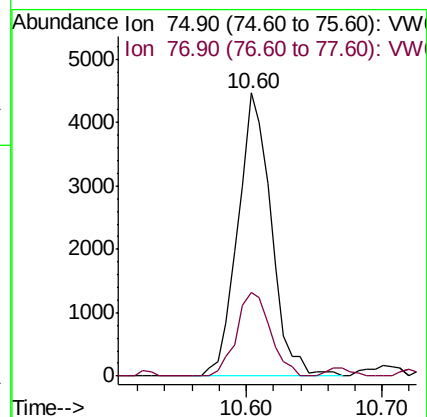
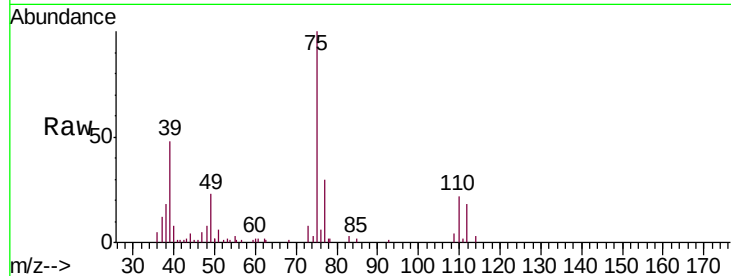
VSTDIC005

Tgt Ion: 75 Resp: 7651

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 4.588 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

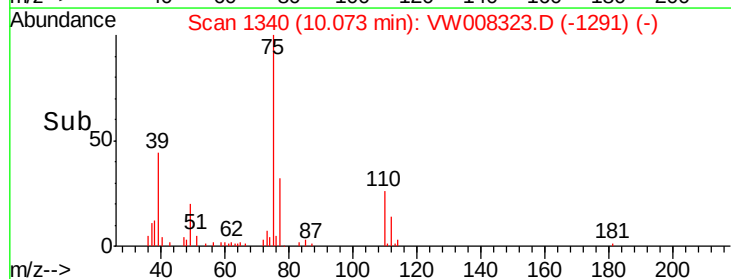
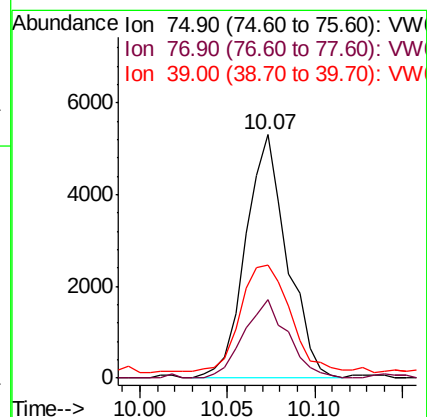
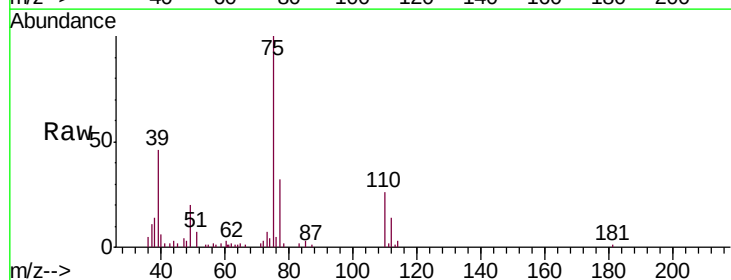
Tgt Ion: 75 Resp: 8779

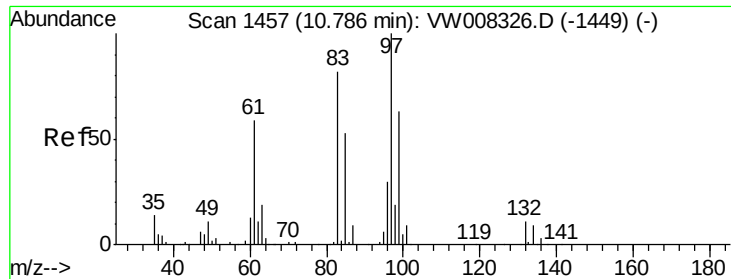
Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6

39 43.5 38.6 57.8

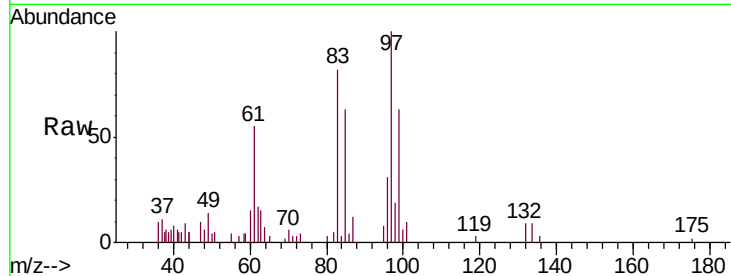




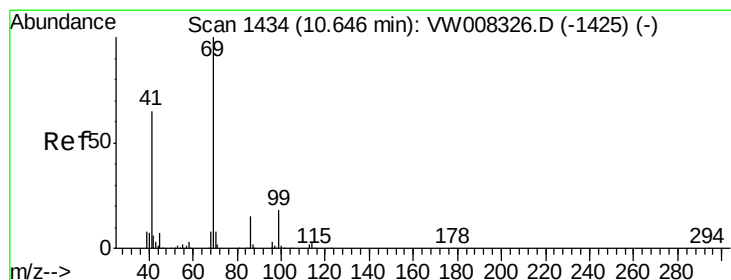
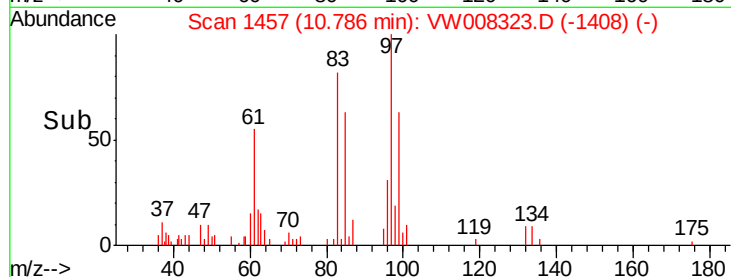
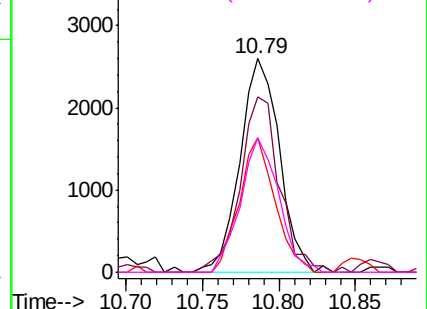
#55
 1,1,2-Trichloroethane
 Concen: 5.101 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	4665
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.3	97.9
85	62.9	42.6	64.0
99	62.9	50.2	75.2

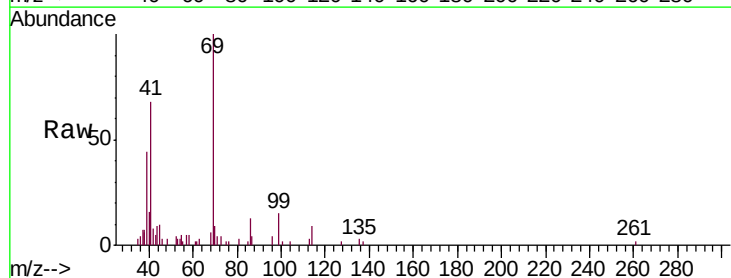


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

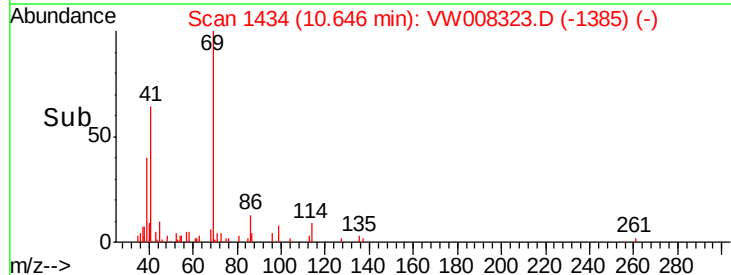
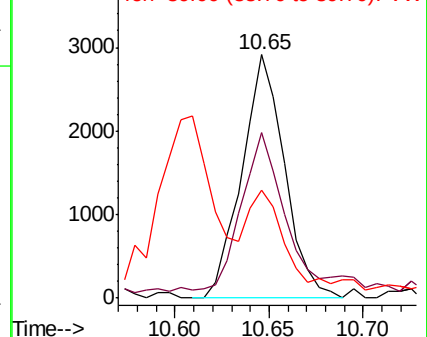


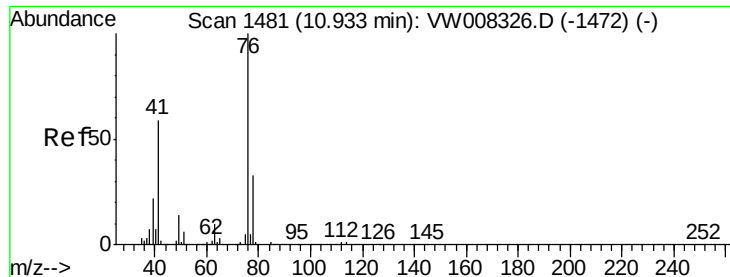
#56
 Ethyl methacrylate
 Concen: 4.258 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion:	69	Resp:	4573
Ion	Ratio	Lower	Upper
69	100		
41	70.8	52.9	79.3
39	34.9	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

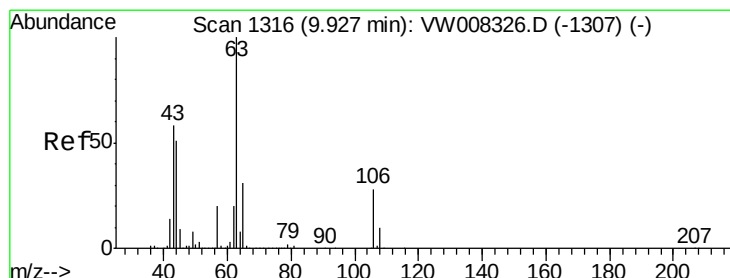
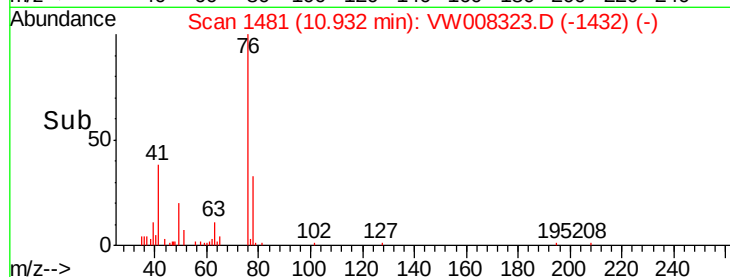
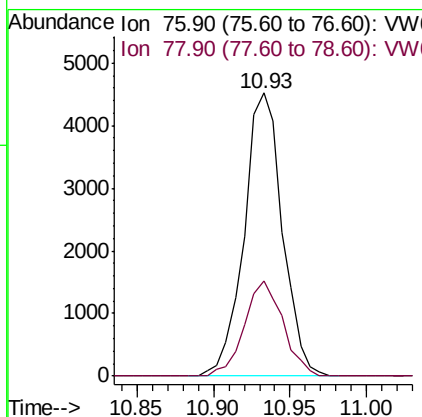
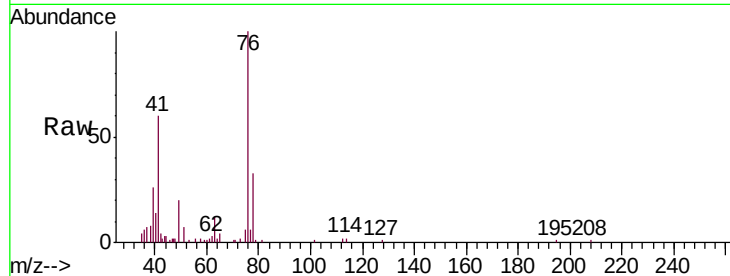




#57
 1,3-Dichloropropane
 Concen: 4.941 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

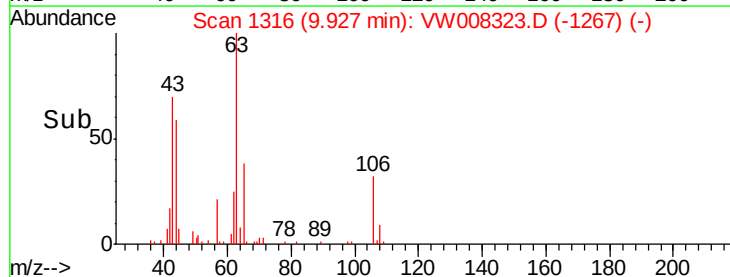
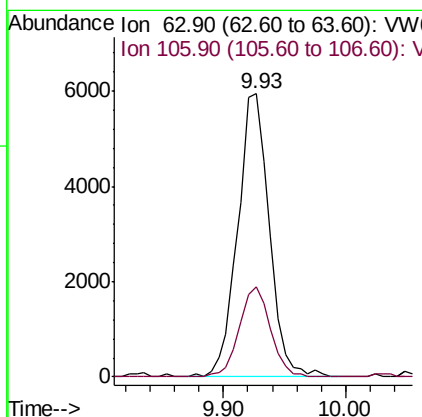
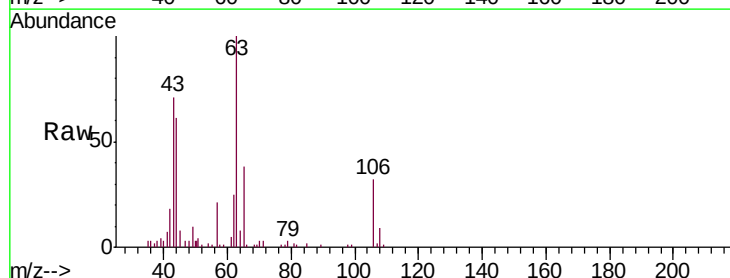
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

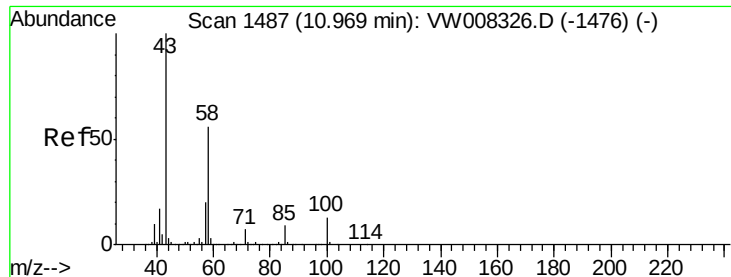
Tgt Ion: 76 Resp: 7845
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 20.557 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 63 Resp: 10650
 Ion Ratio Lower Upper
 63 100
 106 31.2 22.9 34.3





#59

2-Hexanone

Concen: 21.104 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

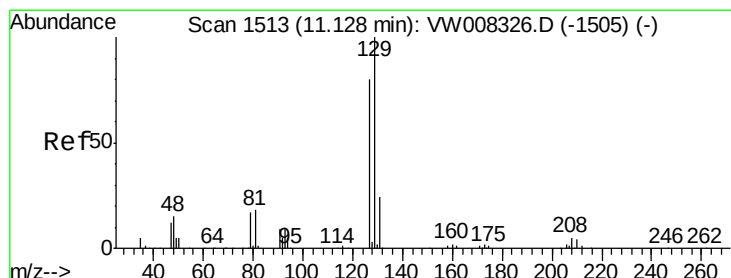
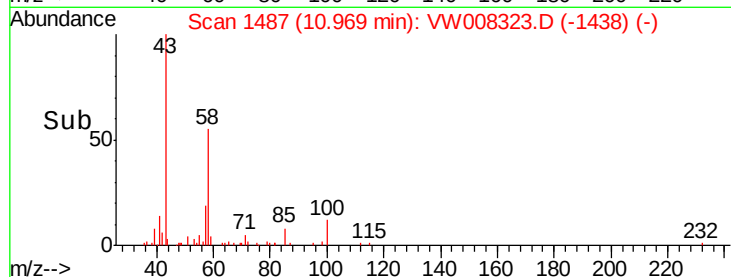
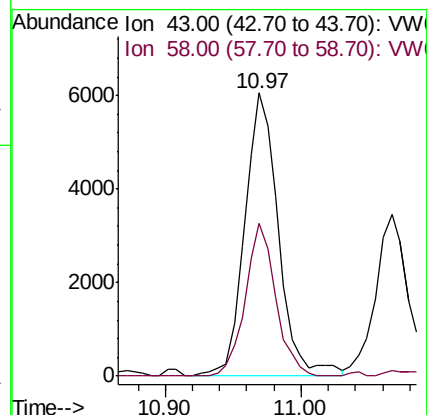
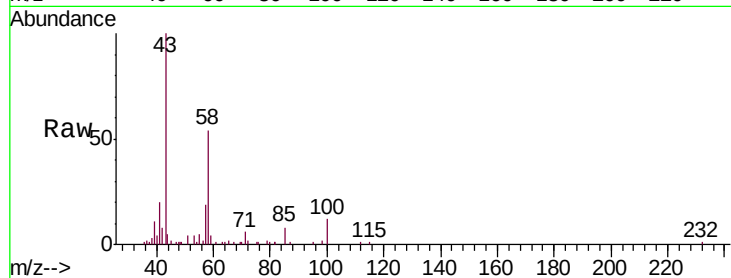
VSTDIC005

Tgt Ion: 43 Resp: 10486

Ion Ratio Lower Upper

43 100

58 48.6 27.5 82.5



#60

Dibromochloromethane

Concen: 4.587 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008323.D

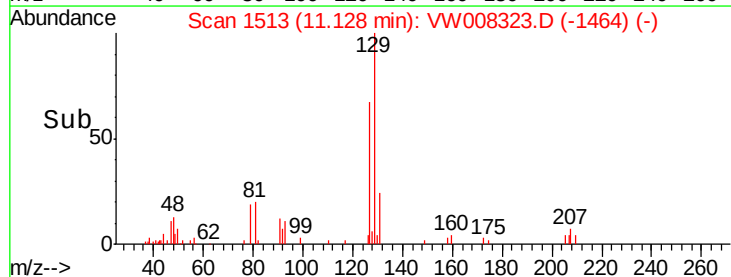
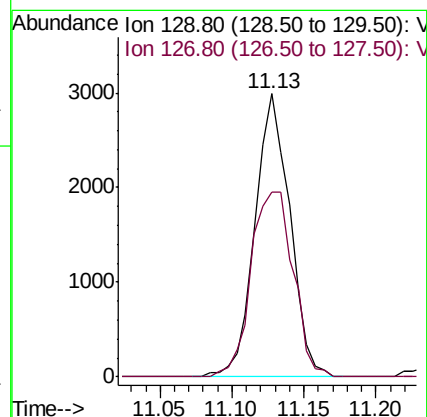
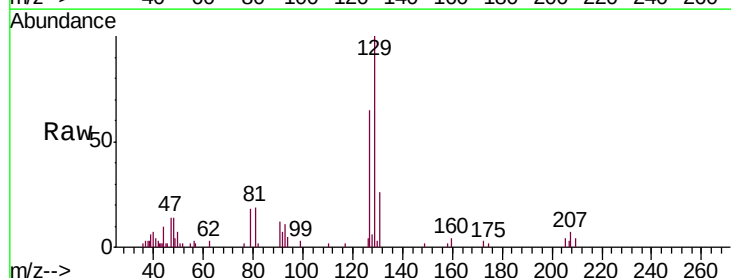
Acq: 17 Jan 2019 12:47

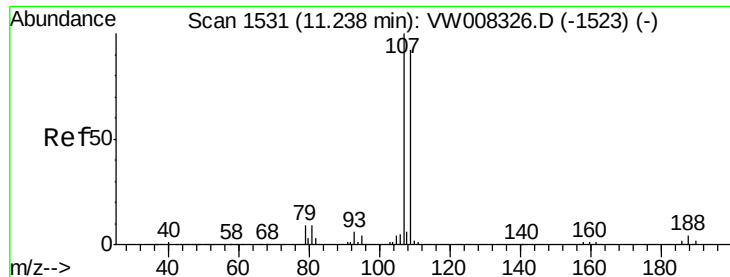
Tgt Ion: 129 Resp: 5007

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 4.710 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

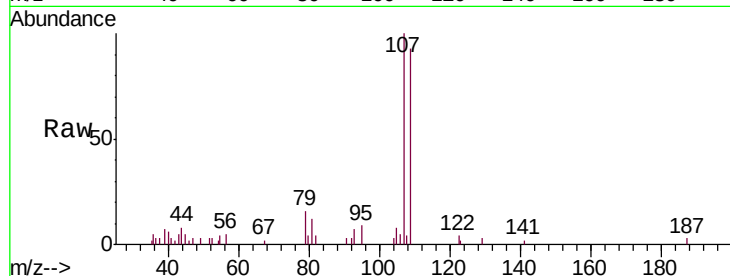
VSTDIC005

Tgt Ion: 107 Resp: 4171

Ion Ratio Lower Upper

107 100

109 94.0 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

2500

2000

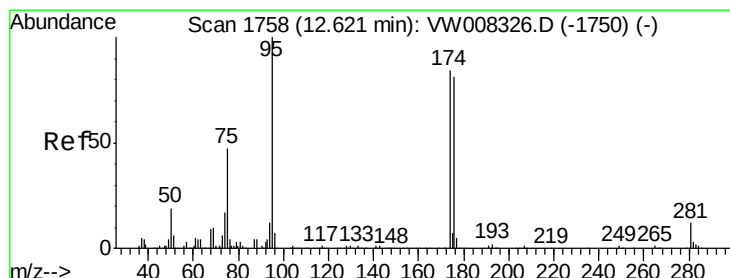
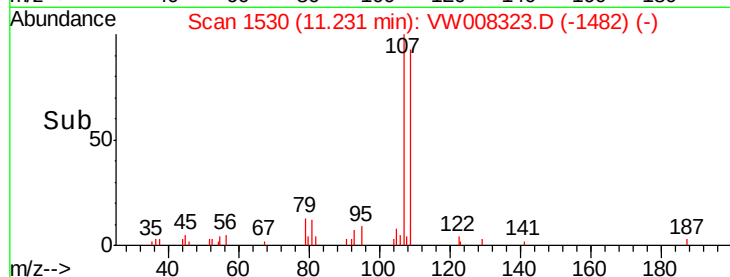
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 5.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

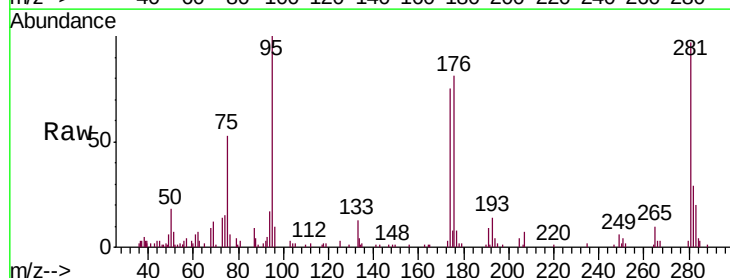
Tgt Ion: 95 Resp: 8710

Ion Ratio Lower Upper

95 100

174 79.5 0.0 166.0

176 77.3 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

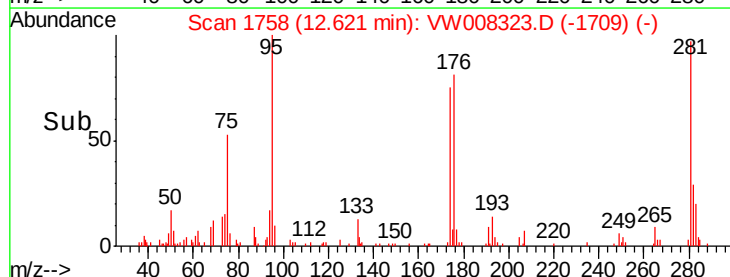
6000

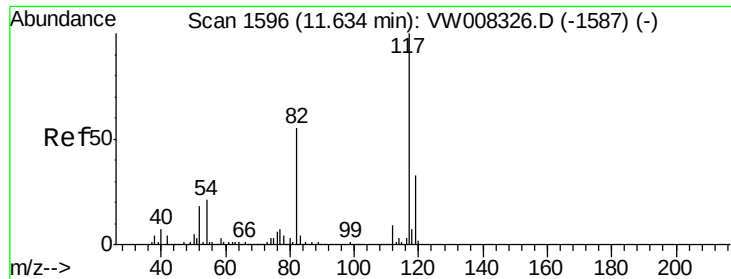
4000

2000

0

Time-->

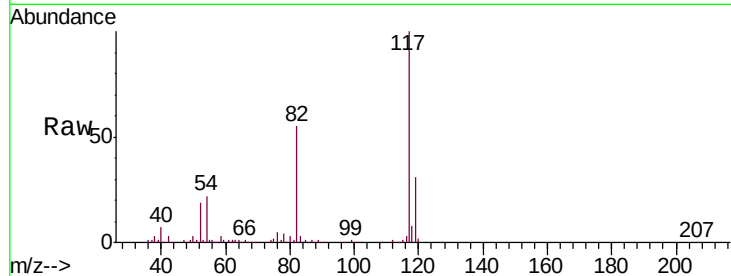




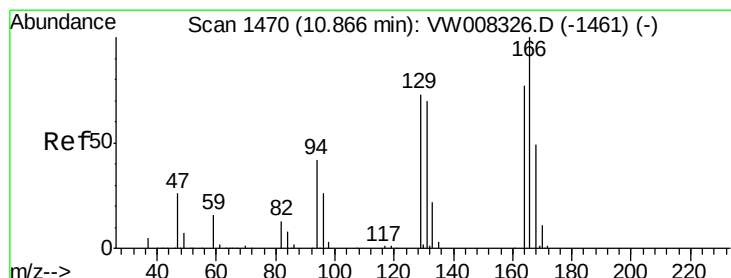
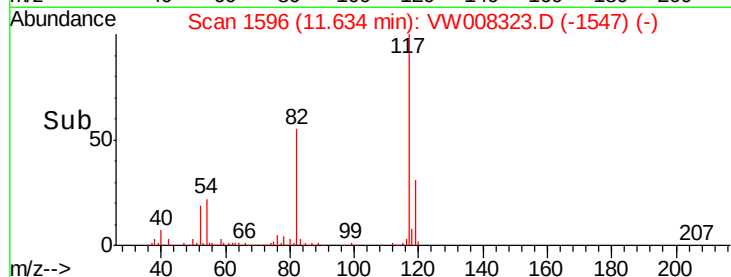
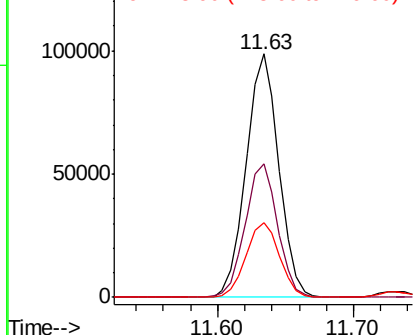
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 165843
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 30.9 26.3 39.5

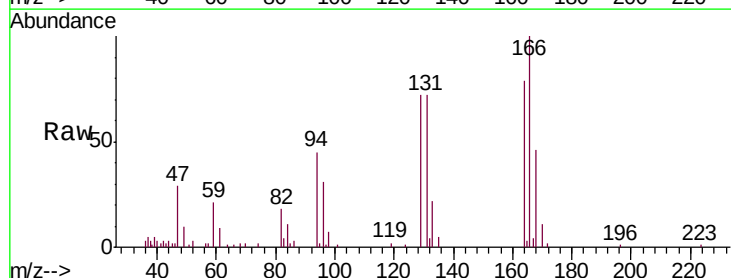


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

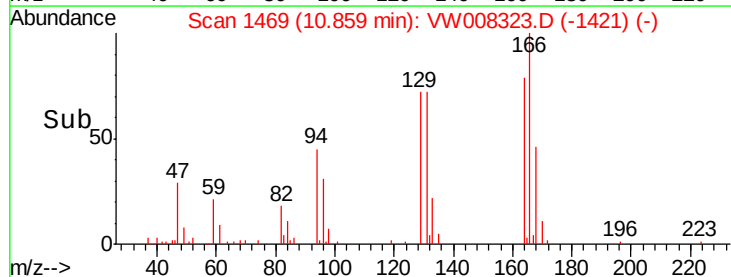
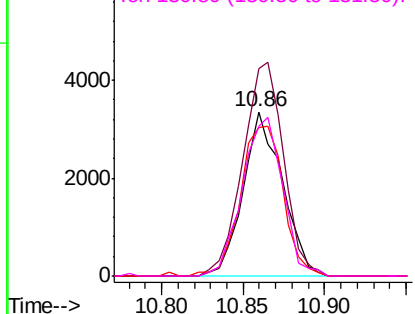


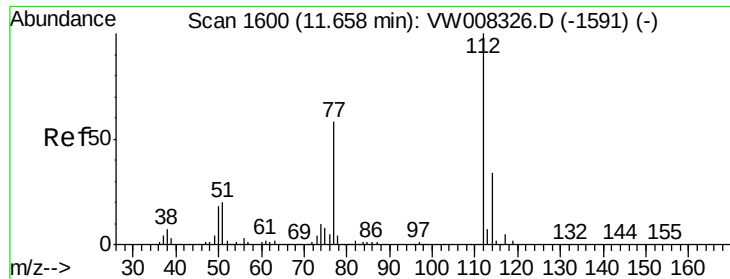
#64
Tetrachloroethene
Concen: 4.837 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion:164 Resp: 5625
Ion Ratio Lower Upper
164 100
166 126.8 103.4 155.2
129 90.7 75.0 112.6
131 91.5 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: 4.968 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

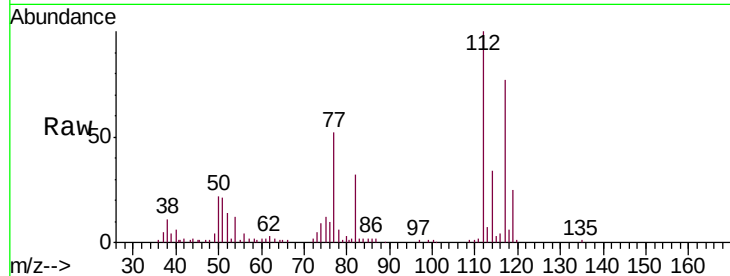
VSTDIC005

Tgt Ion:112 Resp: 17970

Ion Ratio Lower Upper

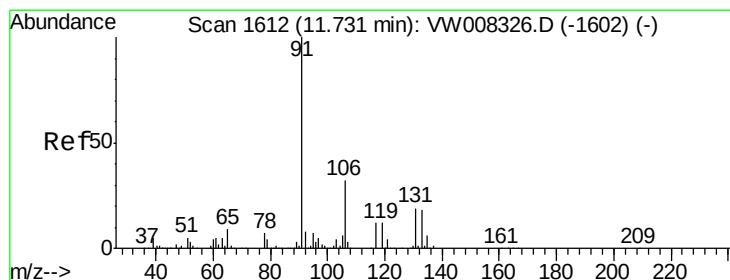
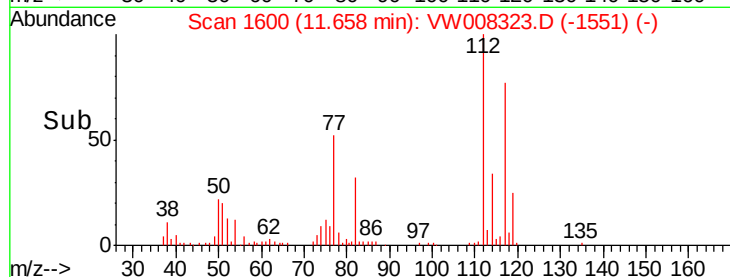
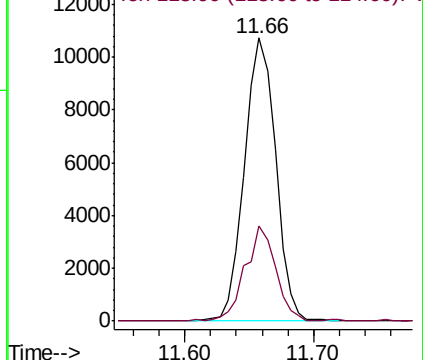
112 100

114 33.8 26.9 40.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.022 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

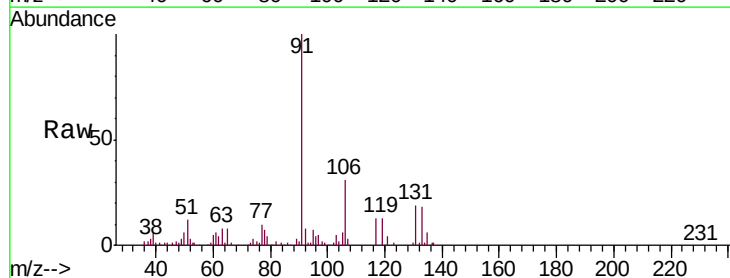
Tgt Ion:131 Resp: 6253

Ion Ratio Lower Upper

131 100

133 91.7 48.2 144.6

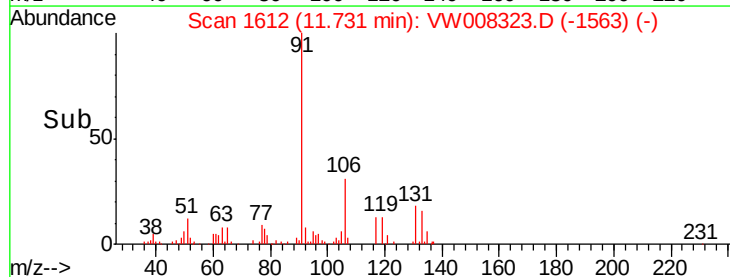
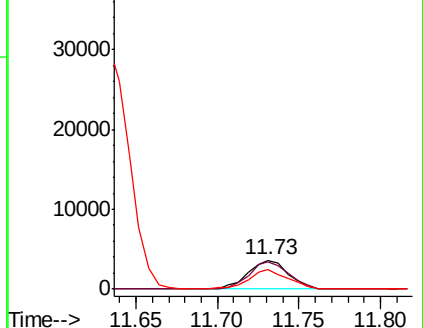
119 64.8 31.6 94.7

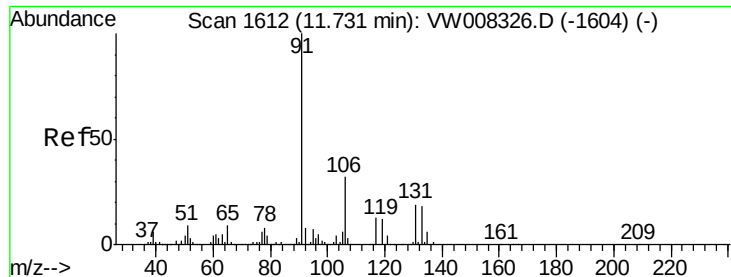


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

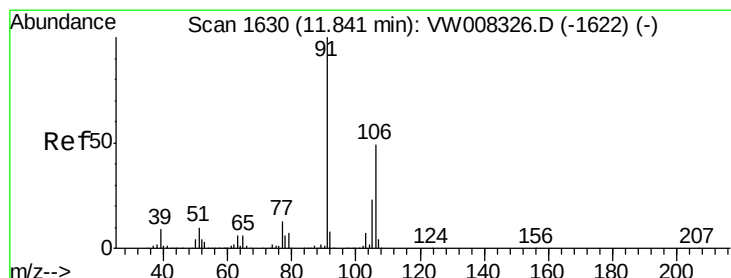
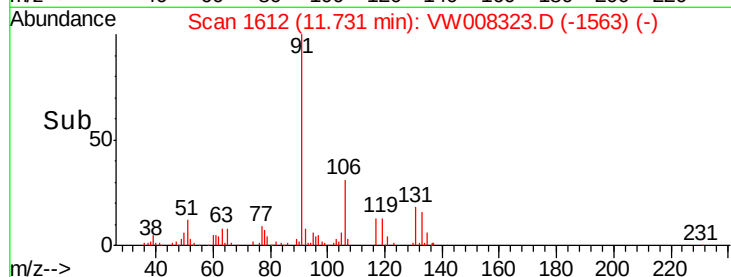
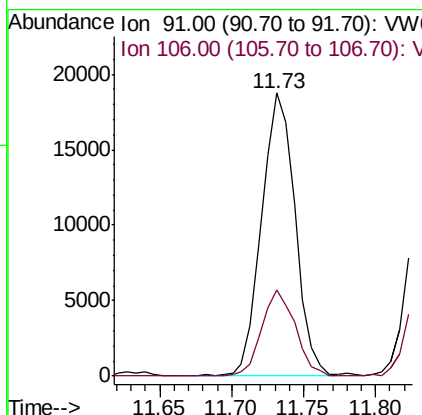
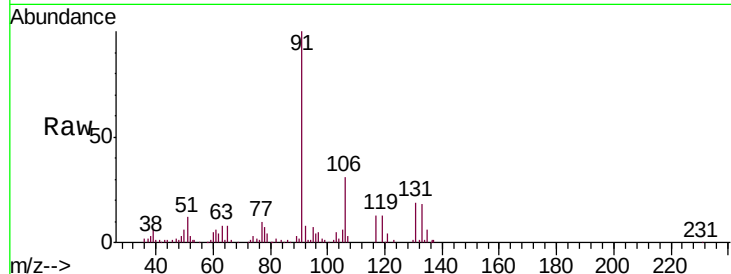




#67
Ethyl Benzene
Concen: 4.816 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

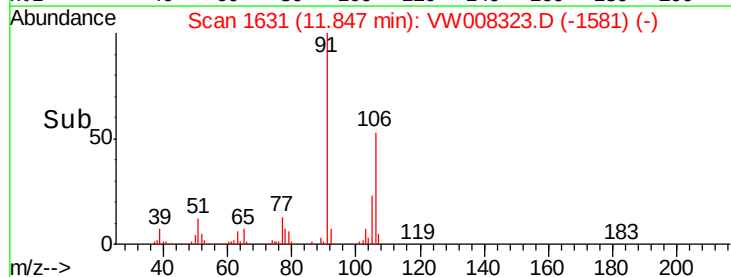
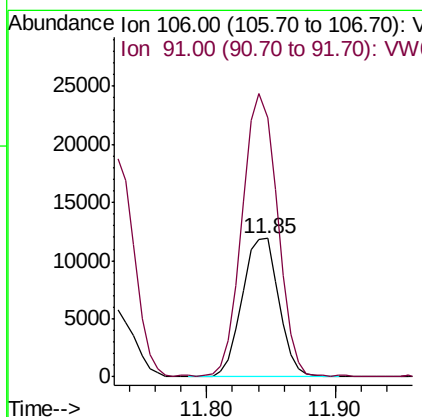
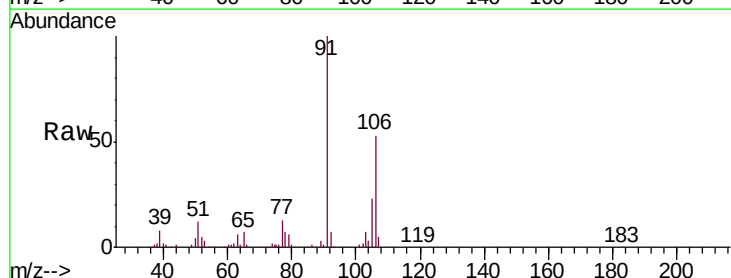
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

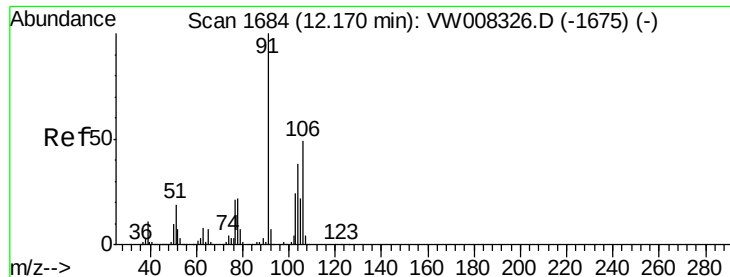
Tgt Ion: 91 Resp: 30247
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 9.607 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion: 106 Resp: 23422
Ion Ratio Lower Upper
106 100
91 197.5 158.4 237.6

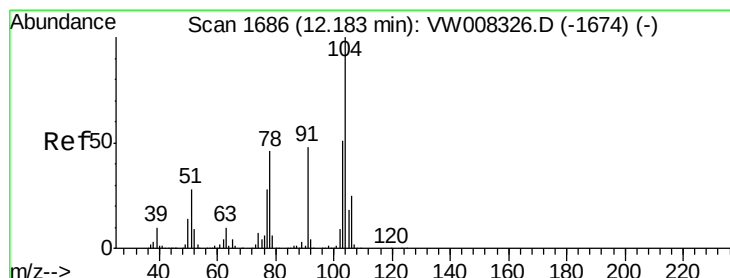
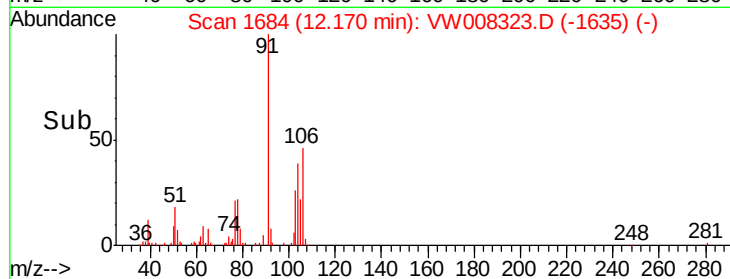
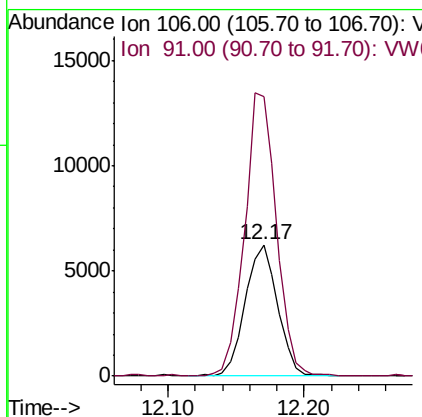
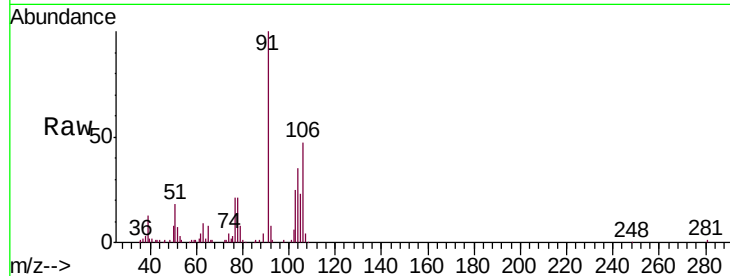




#69
o-Xylene
Concen: 4.582 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

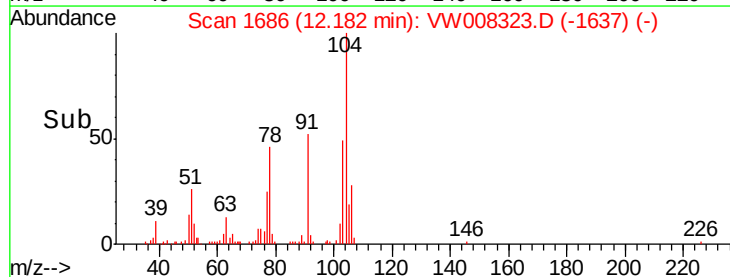
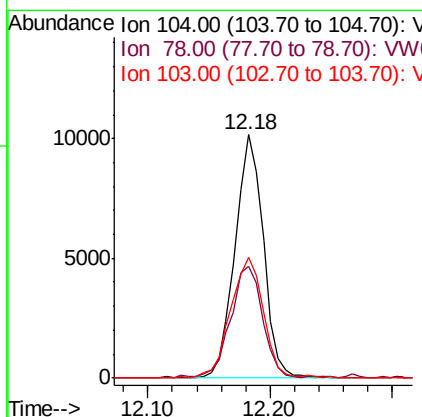
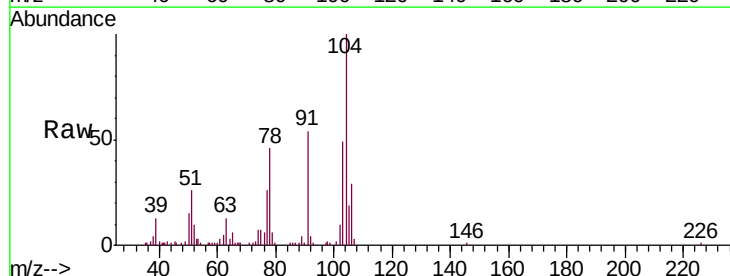
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

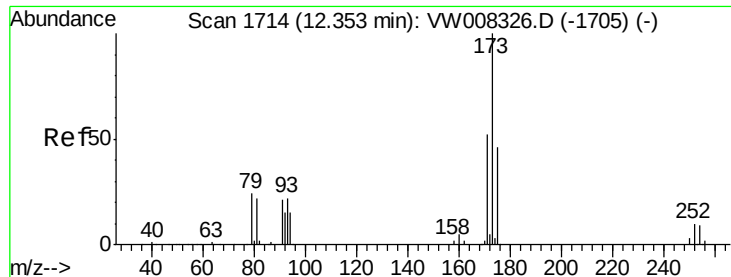
Tgt Ion:106 Resp: 10436
Ion Ratio Lower Upper
106 100
91 210.1 104.1 312.3



#70
Styrene
Concen: 4.455 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion:104 Resp: 16298
Ion Ratio Lower Upper
104 100
78 52.3 39.8 59.6
103 58.1 44.0 66.0





#71

Bromoform

Concen: 4.353 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

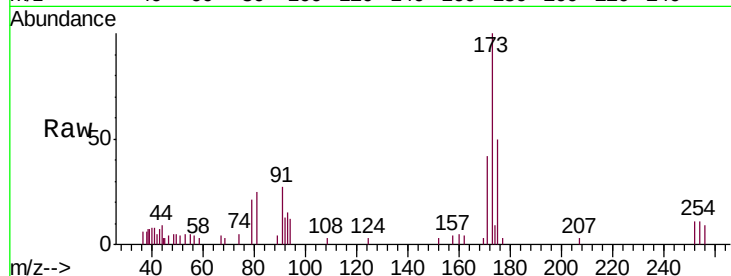
Tgt Ion:173 Resp: 2700

Ion Ratio Lower Upper

173 100

175 47.9 23.6 70.8

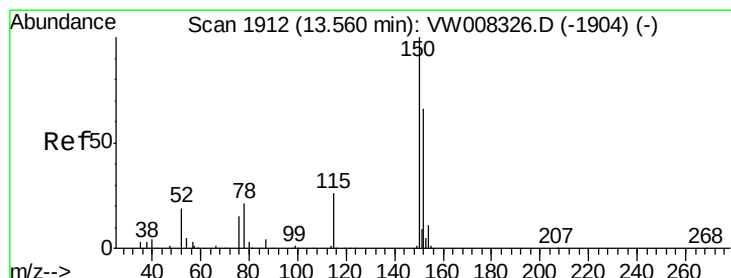
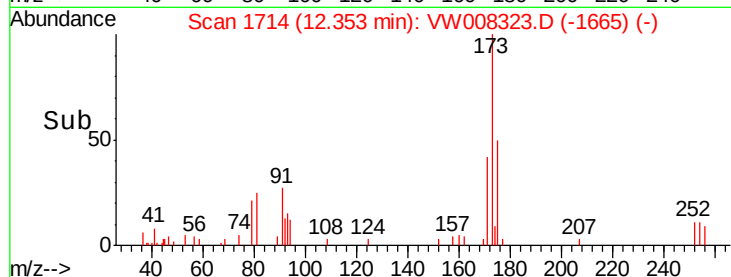
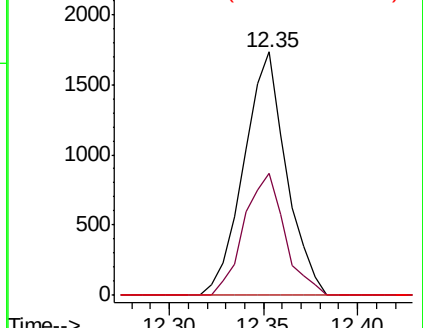
254 0.0 0.2 0.2#



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: VW008323.D

Acq: 17 Jan 2019 12:47

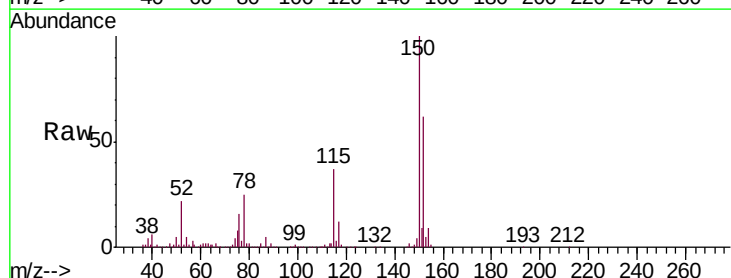
Tgt Ion:152 Resp: 83096

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.4

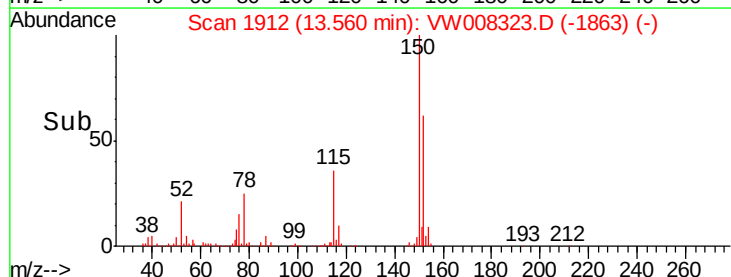
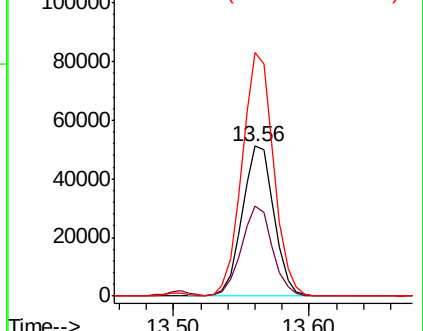
150 161.4 0.0 351.4

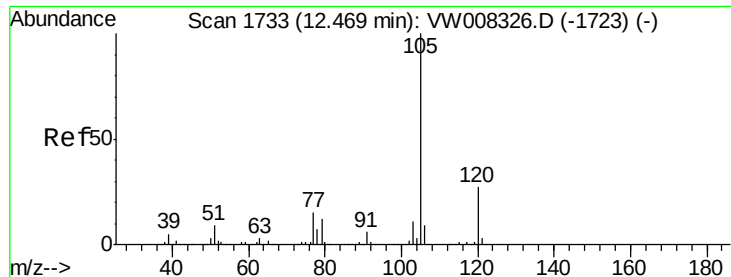


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.528 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

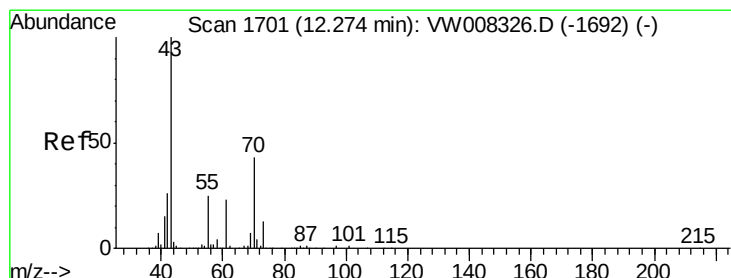
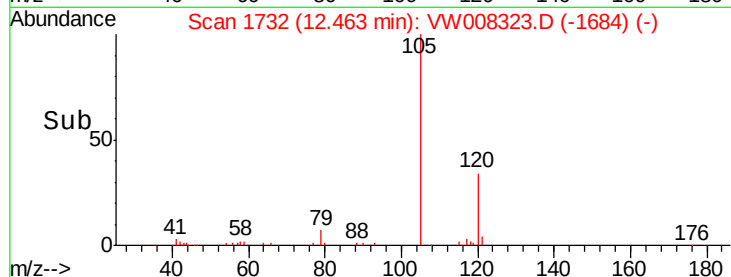
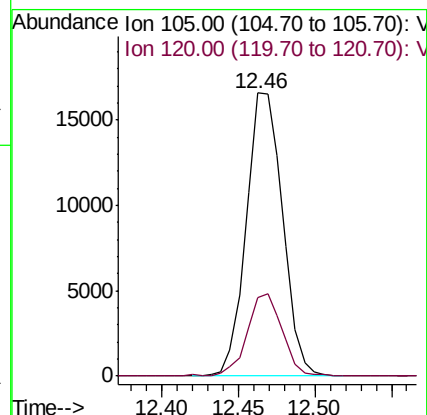
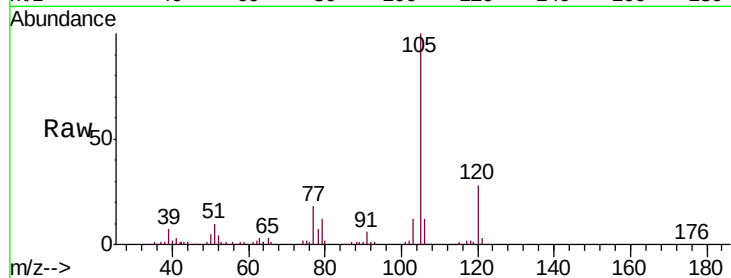
VSTDIC005

Tgt Ion: 105 Resp: 27414

Ion Ratio Lower Upper

105 100

120 27.9 13.6 40.8



#74

N-ethyl acetate

Concen: 4.417 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Tgt Ion: 43 Resp: 5731

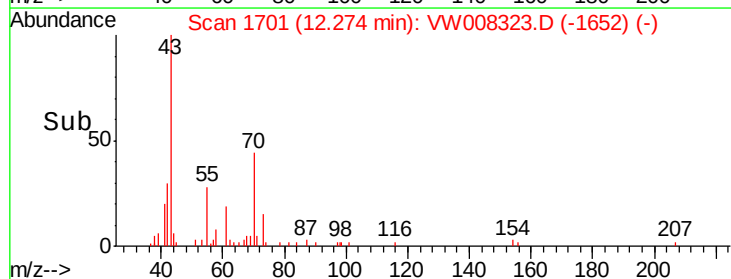
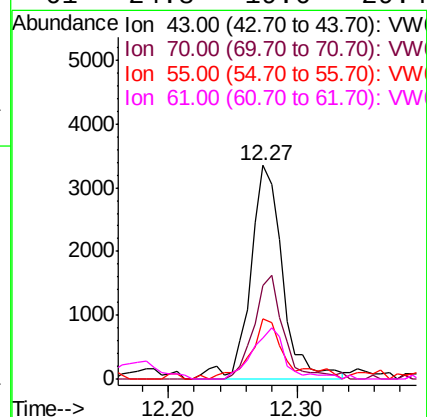
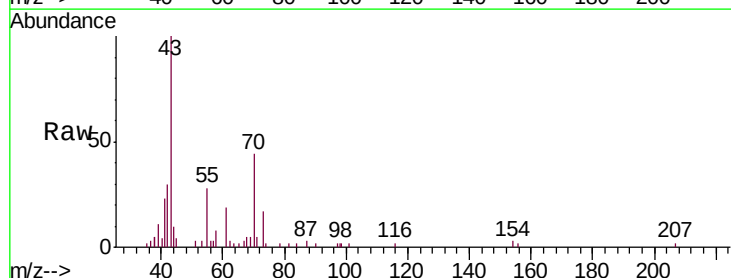
Ion Ratio Lower Upper

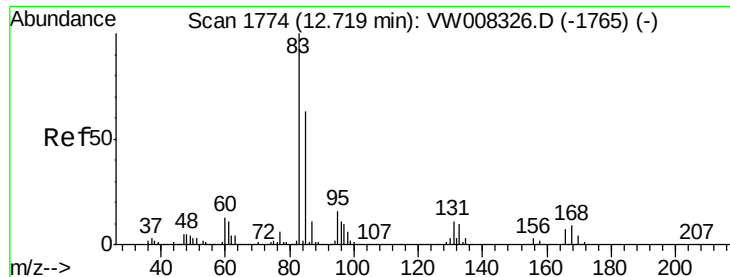
43 100

70 44.7 34.6 52.0

55 30.2 20.0 30.0#

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.033 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

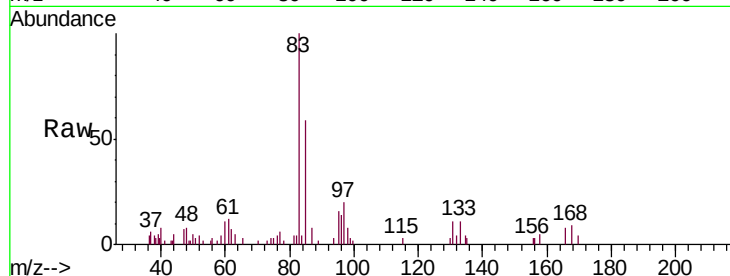
Tgt Ion: 83 Resp: 5183

Ion Ratio Lower Upper

83 100

131 13.2 5.5 16.5

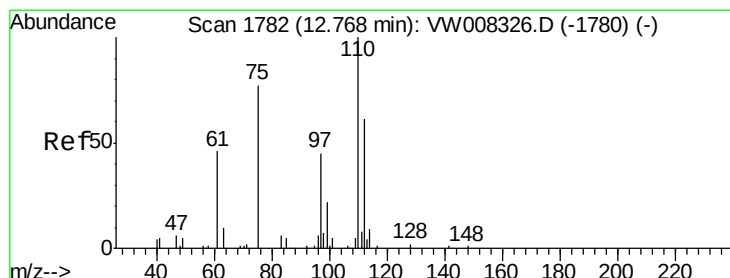
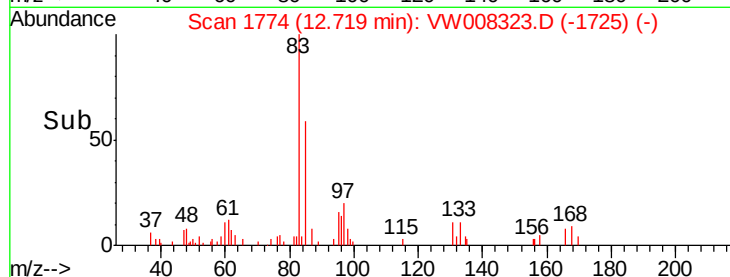
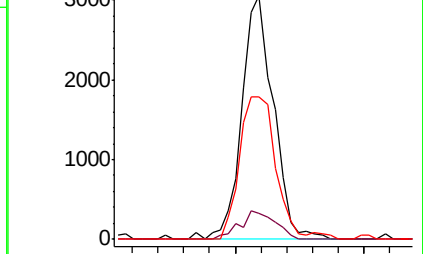
85 66.2 31.6 94.7



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: 7.795 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008323.D

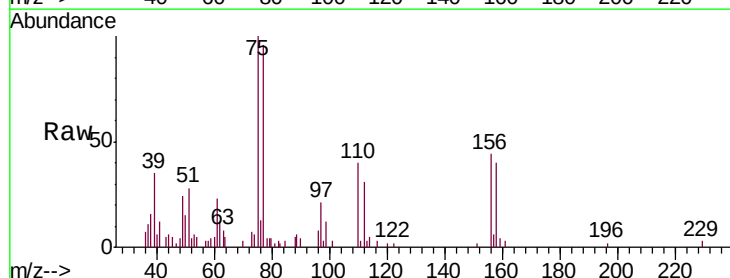
Acq: 17 Jan 2019 12:47

Tgt Ion: 75 Resp: 6297

Ion Ratio Lower Upper

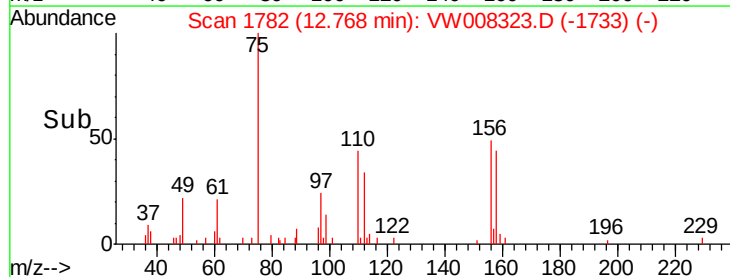
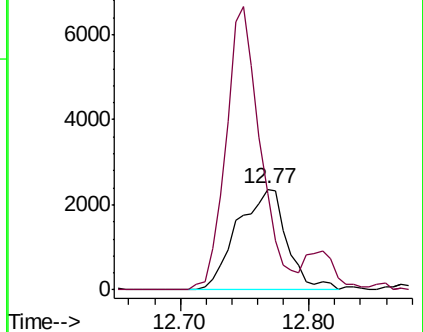
75 100

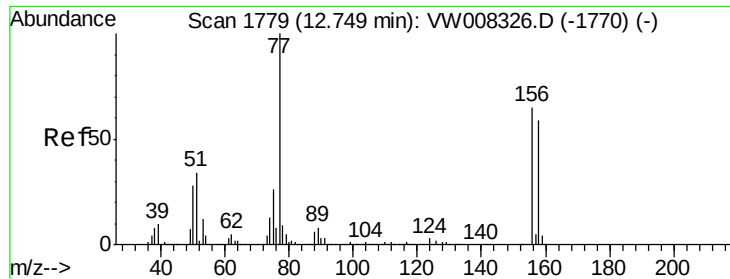
77 198.4 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.828 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

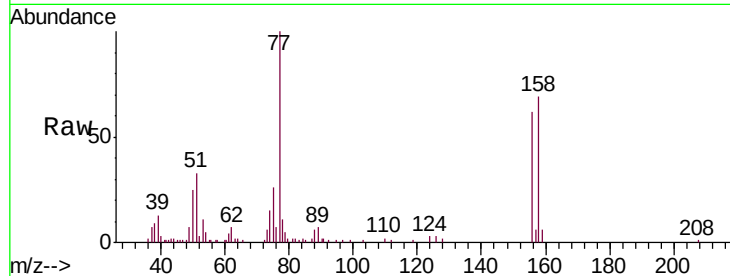
Tgt Ion:156 Resp: 7022

Ion Ratio Lower Upper

156 100

77 178.0 88.3 264.9

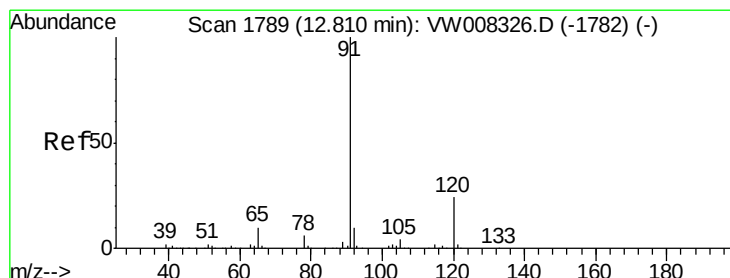
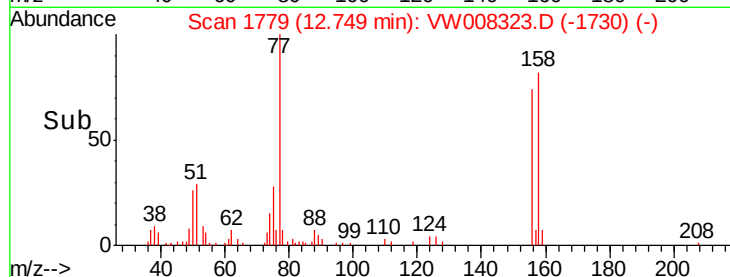
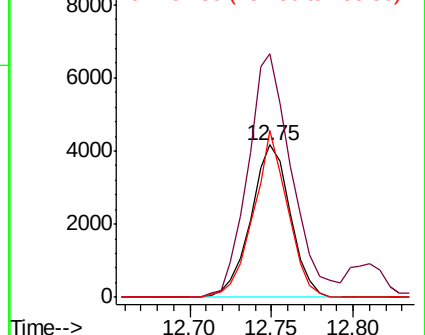
158 94.4 47.6 142.8



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: 4.661 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008323.D

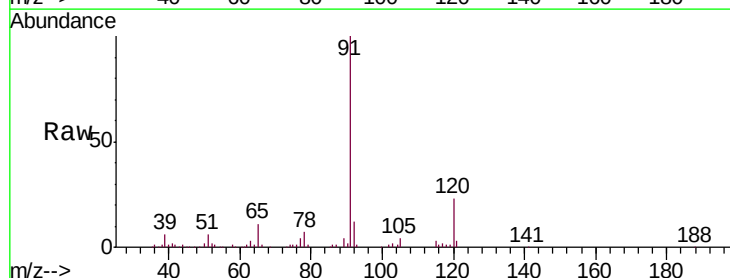
Acq: 17 Jan 2019 12:47

Tgt Ion: 91 Resp: 34161

Ion Ratio Lower Upper

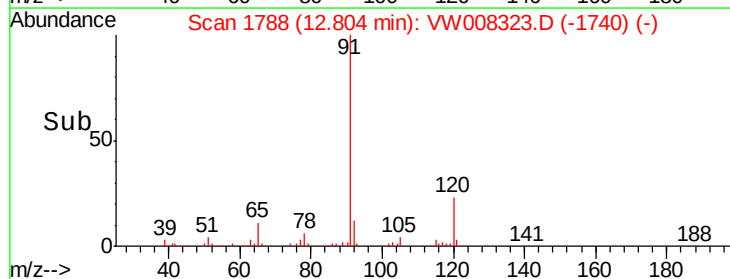
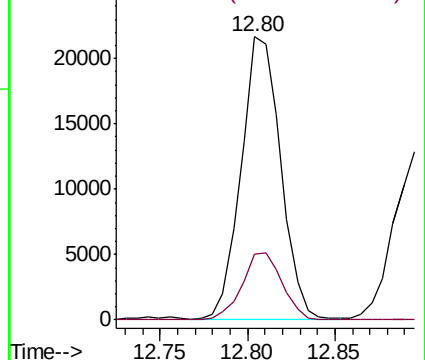
91 100

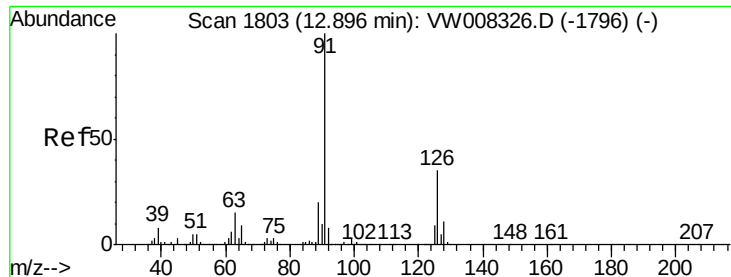
120 24.1 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.901 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

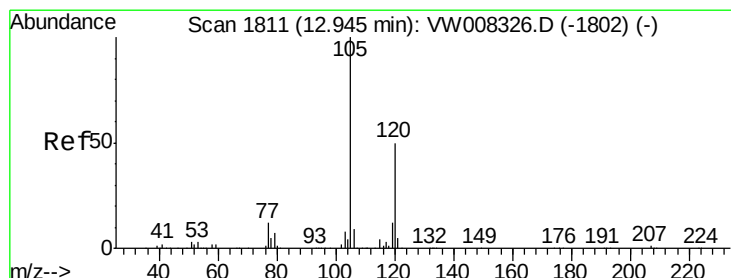
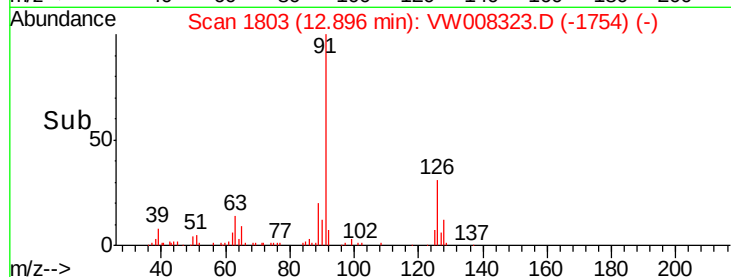
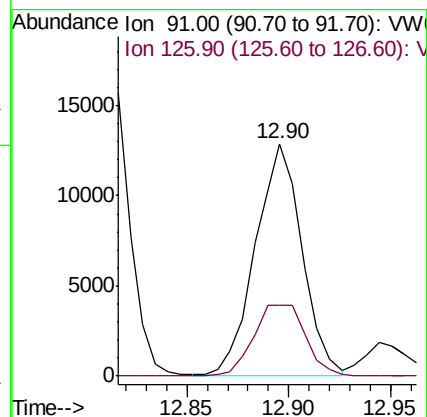
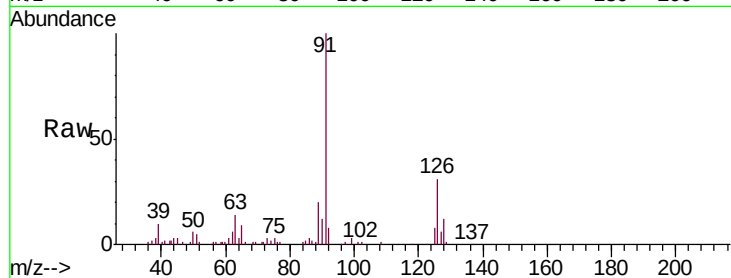
VSTDIC005

Tgt Ion: 91 Resp: 20523

Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 4.594 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008323.D

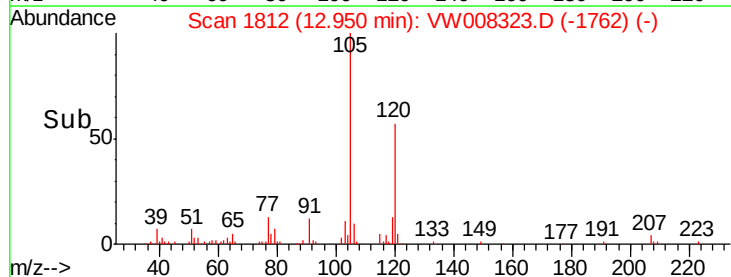
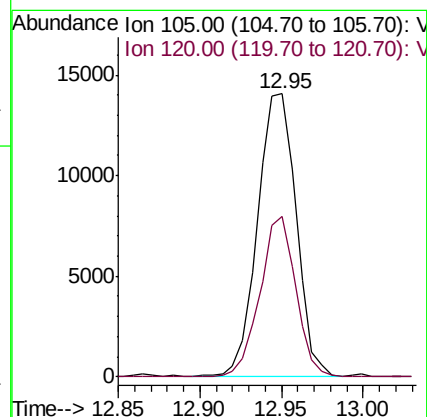
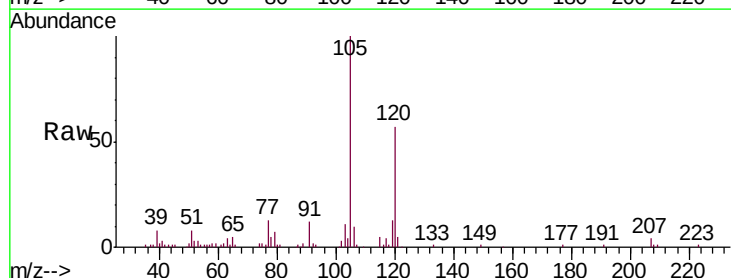
Acq: 17 Jan 2019 12:47

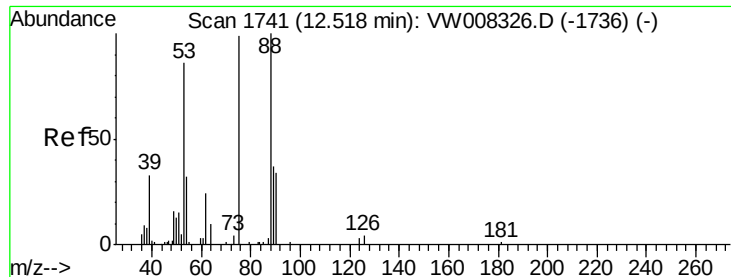
Tgt Ion: 105 Resp: 23209

Ion Ratio Lower Upper

105 100

120 52.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.683 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

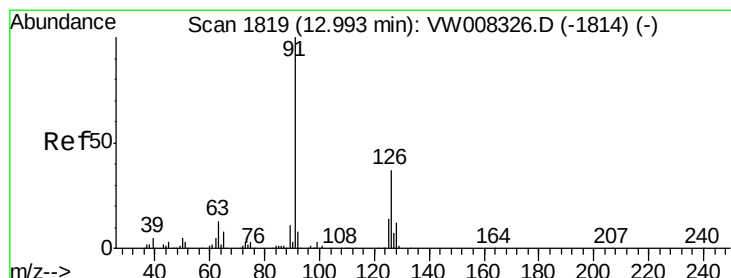
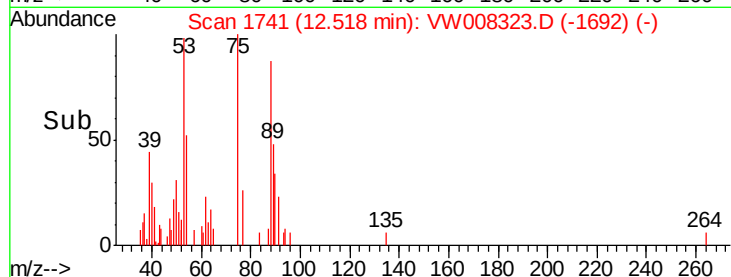
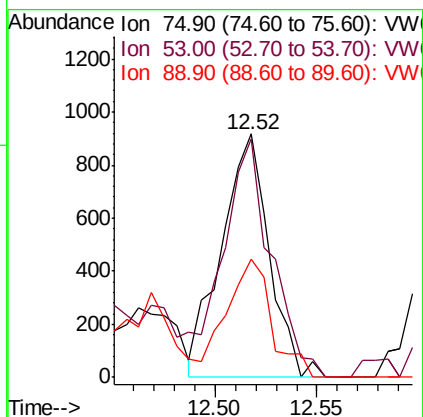
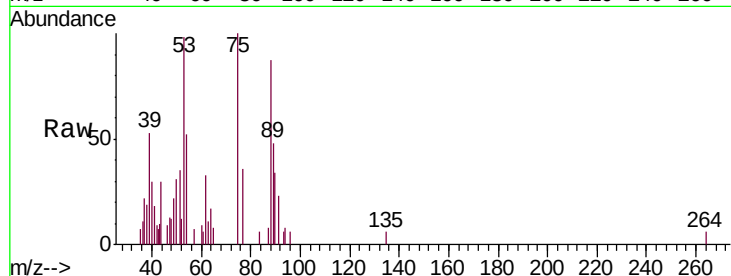
Tgt Ion: 75 Resp: 1485

Ion Ratio Lower Upper

75 100

53 94.5 76.2 114.4

89 45.7 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.941 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008323.D

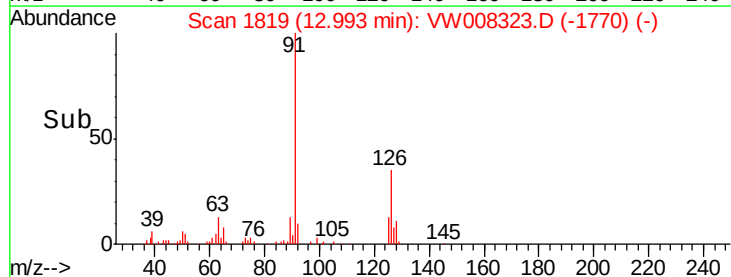
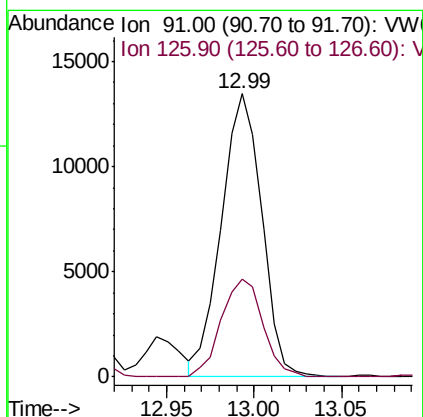
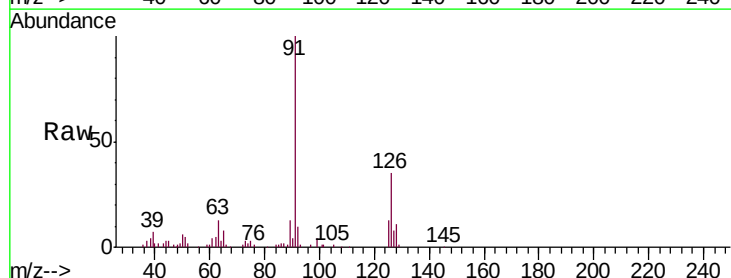
Acq: 17 Jan 2019 12:47

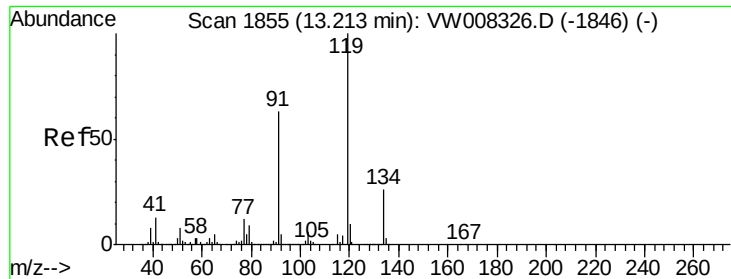
Tgt Ion: 91 Resp: 21617

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.3





#83

tert-Butylbenzene

Concen: 4.740 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

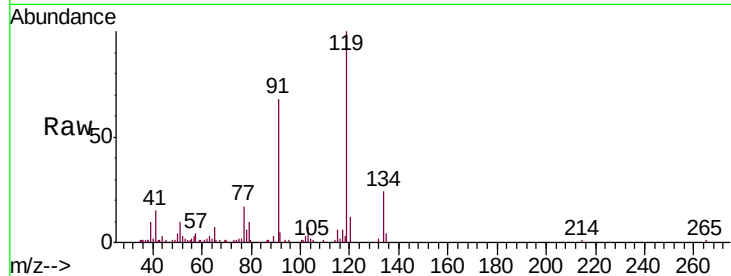
Tgt Ion:119 Resp: 21077

Ion Ratio Lower Upper

119 100

91 66.3 32.4 97.0

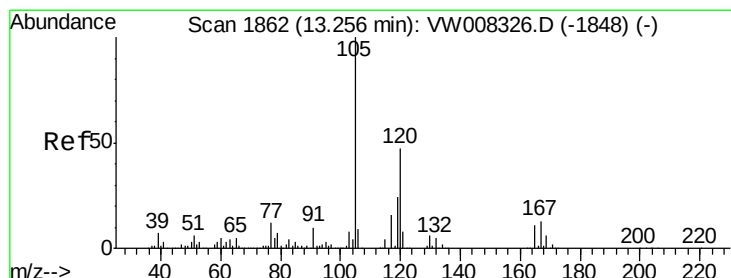
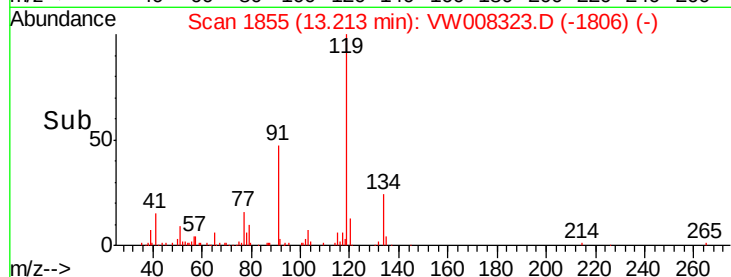
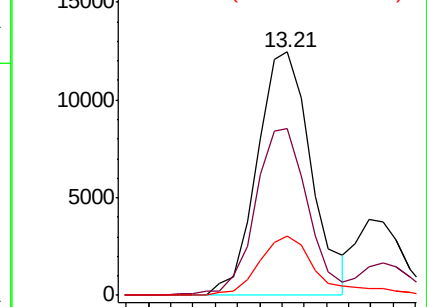
134 26.3 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.821 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008323.D

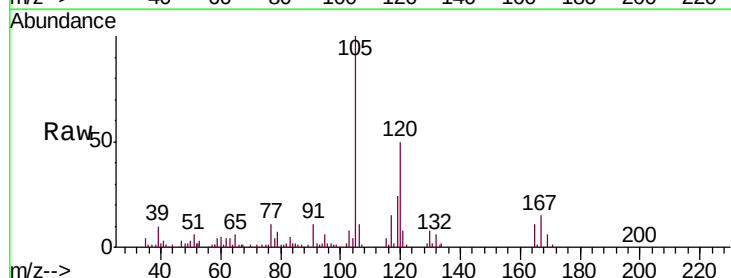
Acq: 17 Jan 2019 12:47

Tgt Ion:105 Resp: 24815

Ion Ratio Lower Upper

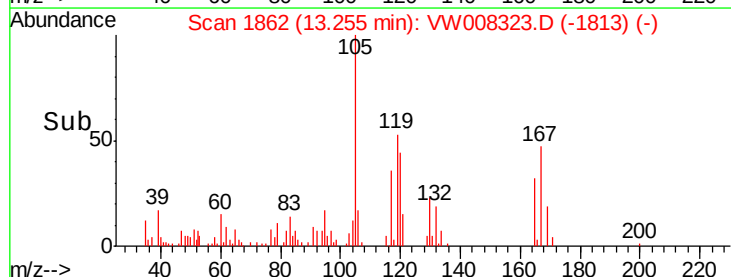
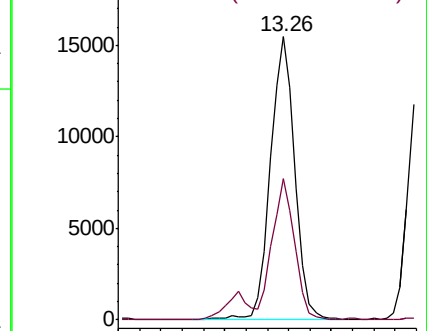
105 100

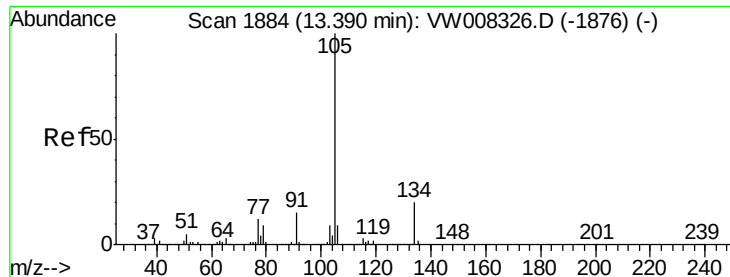
120 45.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

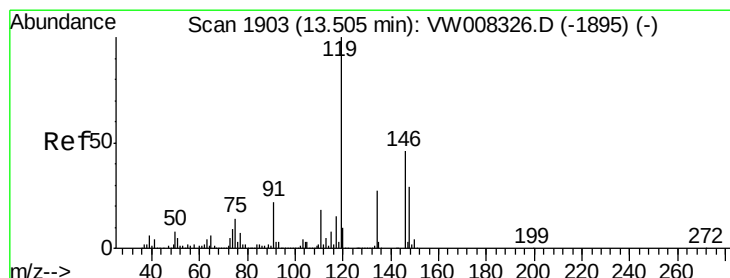
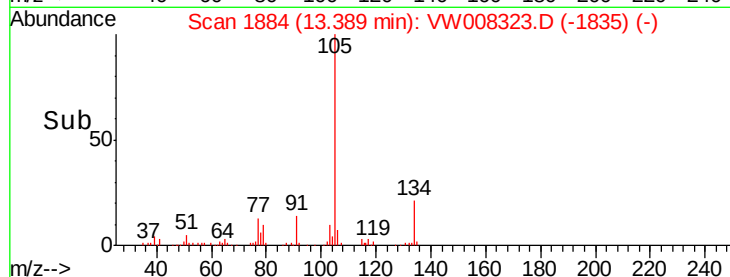
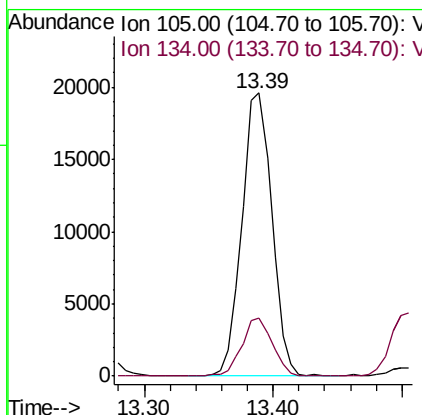
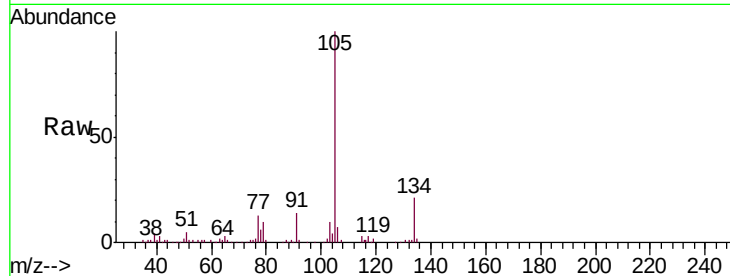




#85
 sec-Butylbenzene
 Concen: 4.935 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

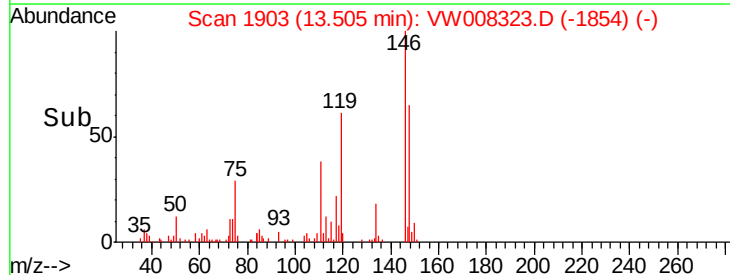
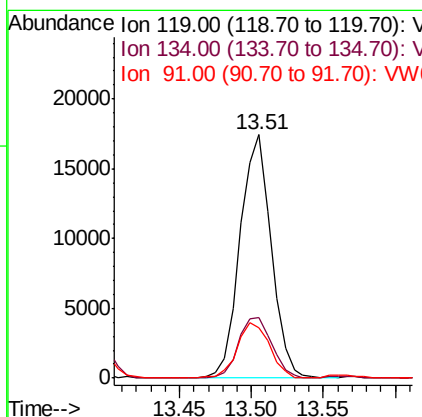
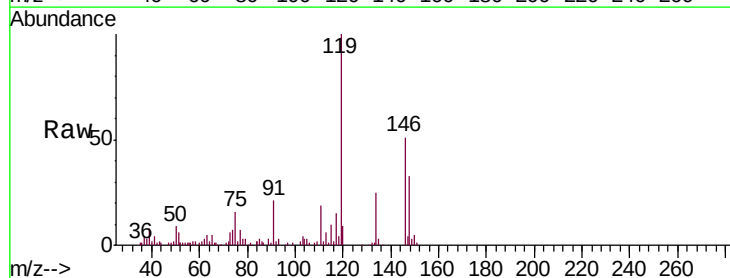
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

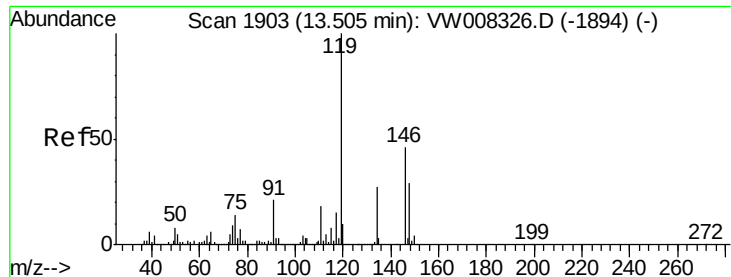
Tgt Ion:105 Resp: 31509
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.714 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion:119 Resp: 26286
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.0
 91 23.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 5.142 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

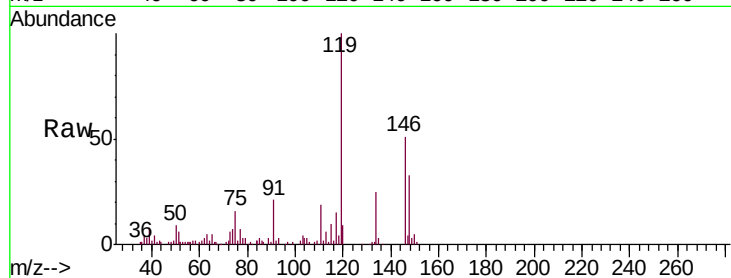
Tgt Ion:146 Resp: 14859

Ion Ratio Lower Upper

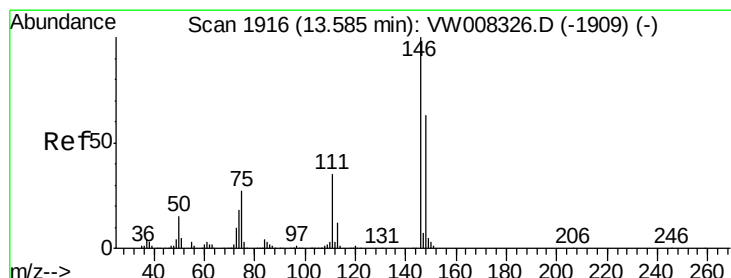
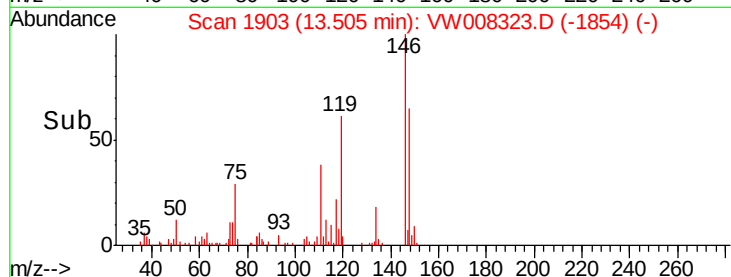
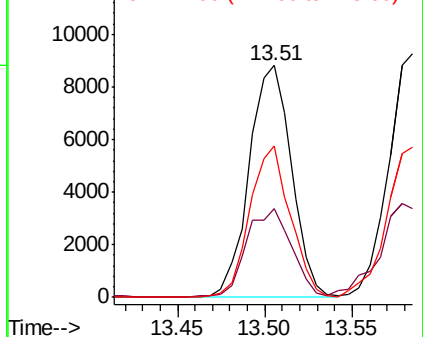
146 100

111 40.8 19.9 59.7

148 62.3 31.4 94.3



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



#88

1,4-Dichlorobenzene

Concen: 5.228 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

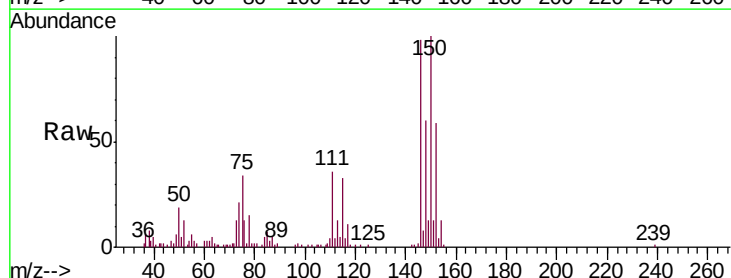
Tgt Ion:146 Resp: 15135

Ion Ratio Lower Upper

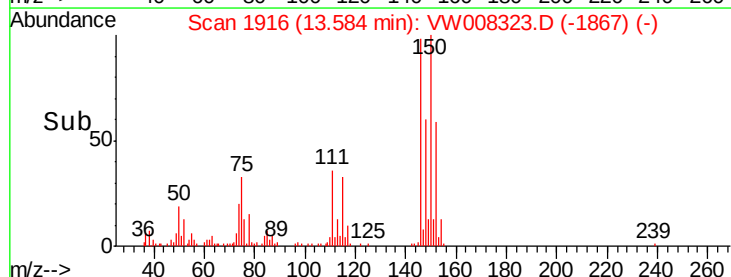
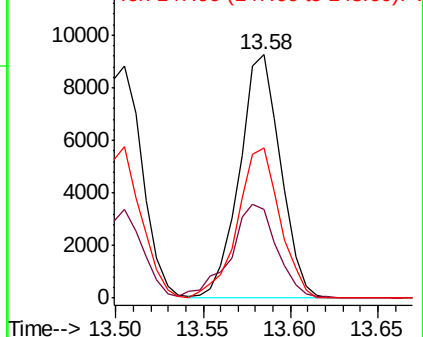
146 100

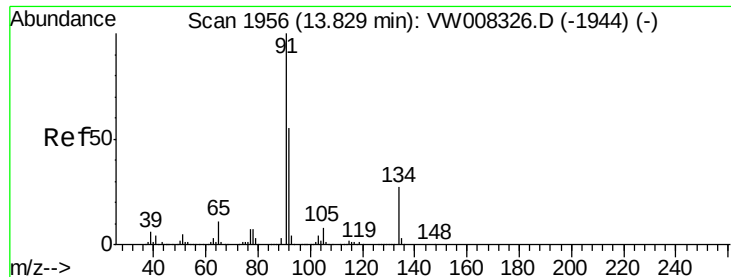
111 43.7 18.9 56.5

148 63.4 31.6 94.8



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





#89

n-Butylbenzene

Concen: 4.726 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

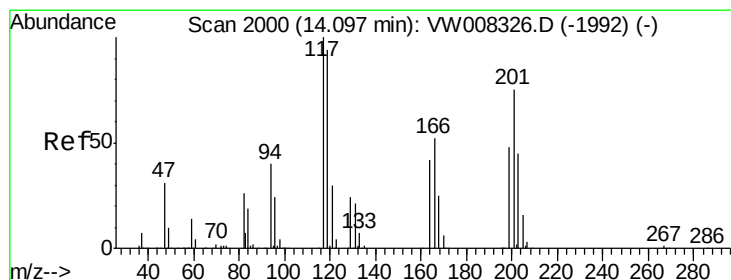
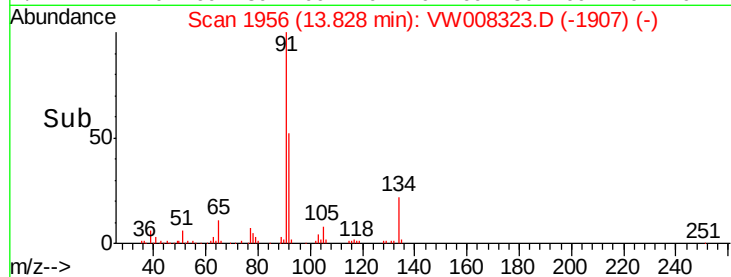
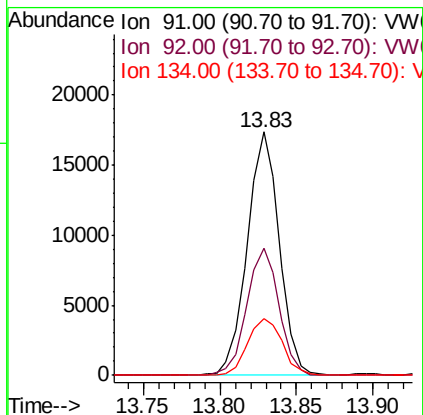
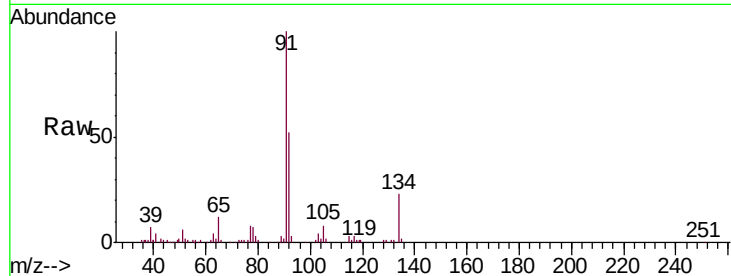
Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	25277
Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.2	81.6
134	25.4	13.4	40.1



#90

Hexachloroethane

Concen: 4.841 ug/l

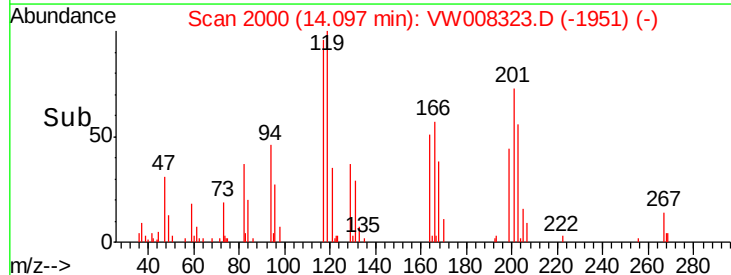
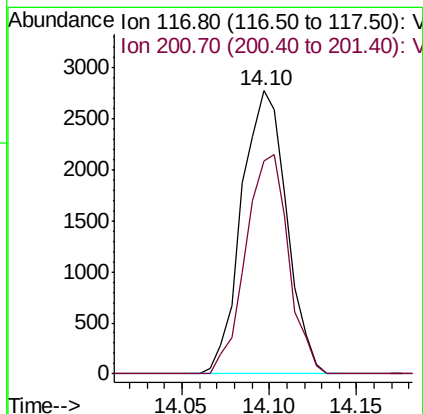
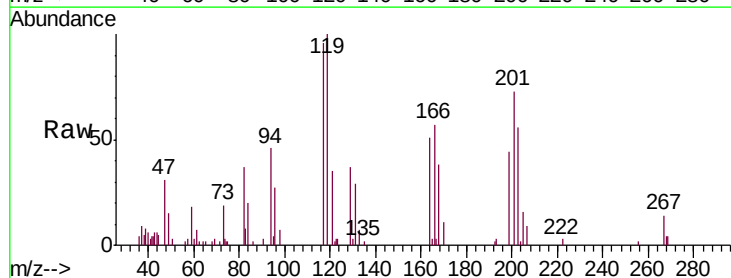
RT: 14.10 min Scan# 2000

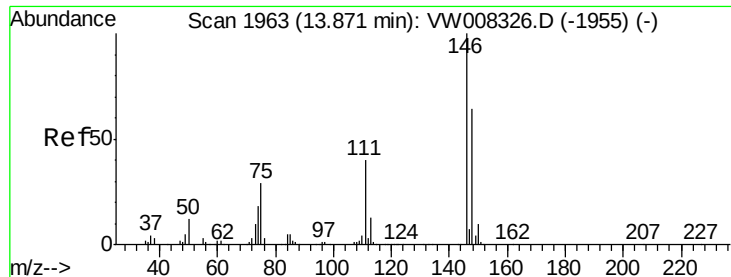
Delta R.T. -0.00 min

Lab File: VW008323.D

Acq: 17 Jan 2019 12:47

Tgt Ion:	117	Resp:	4996
Ion	Ratio	Lower	Upper
117	100		
201	73.8	39.3	117.9

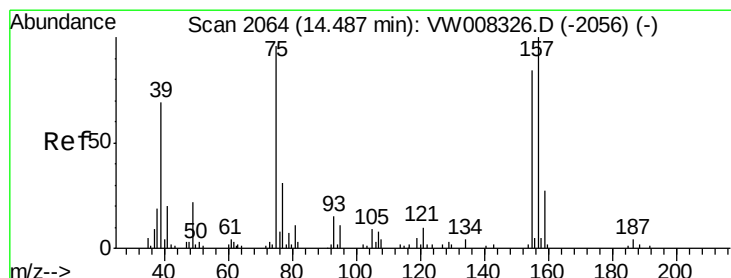
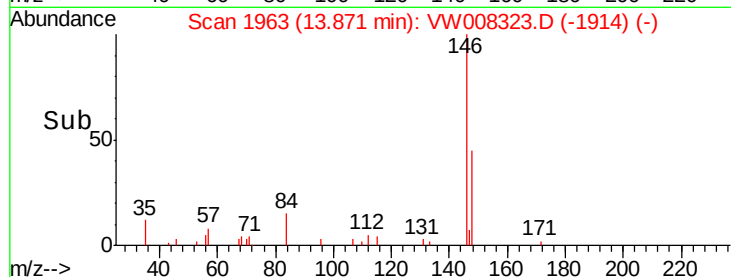
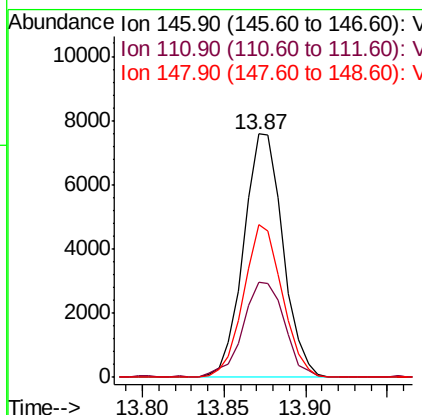
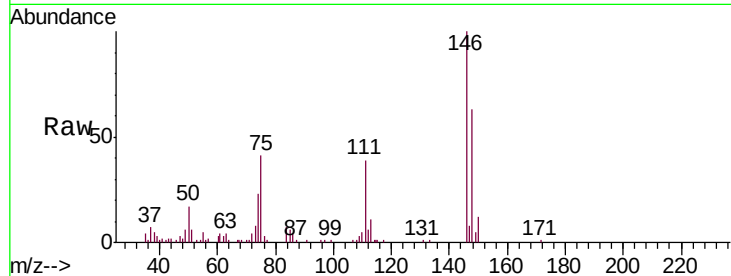




#91
 1,2-Dichlorobenzene
 Concen: 4.983 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

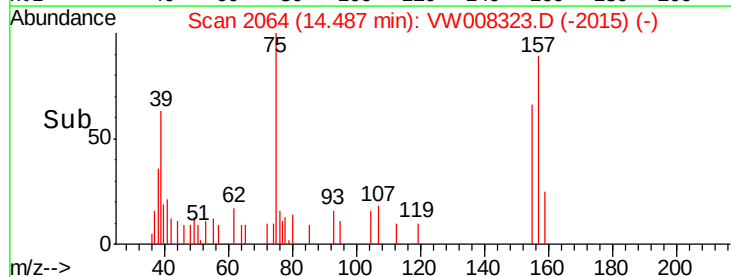
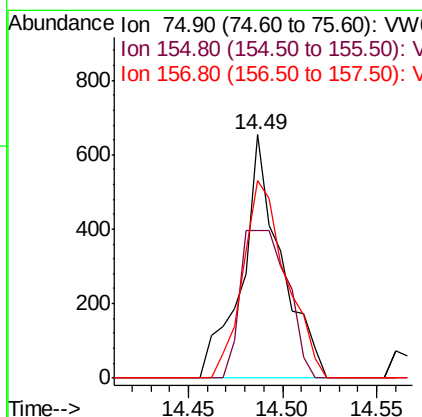
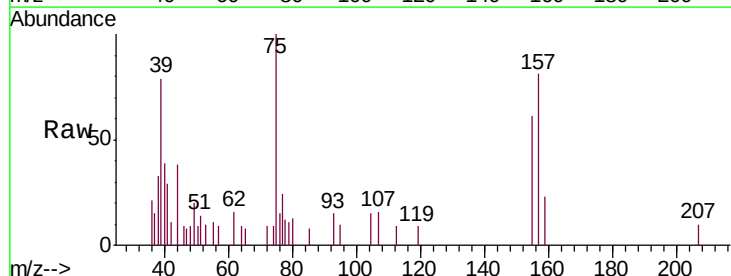
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

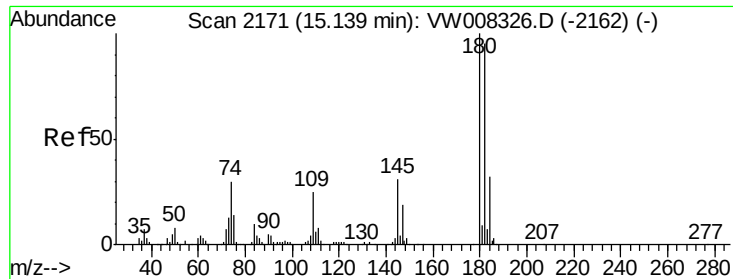
Tgt Ion: 146 Resp: 12712
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.6 58.8
 148 61.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.552 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion: 75 Resp: 935
 Ion Ratio Lower Upper
 75 100
 155 73.9 44.7 134.1
 157 90.4 53.9 161.8

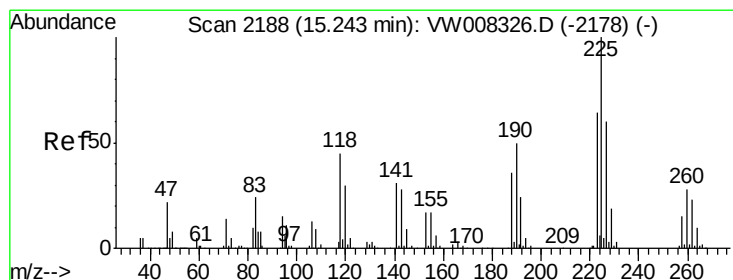
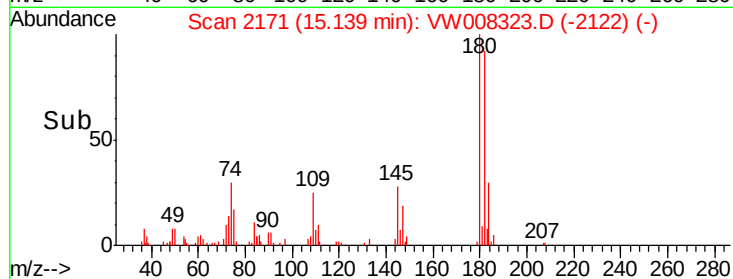
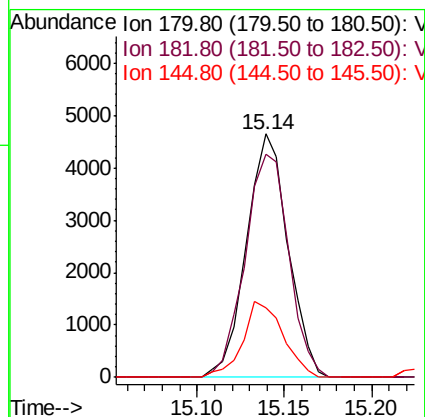
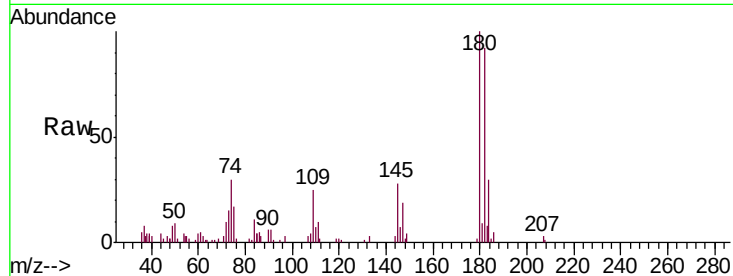




#93
 1,2,4-Trichlorobenzene
 Concen: 4.455 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

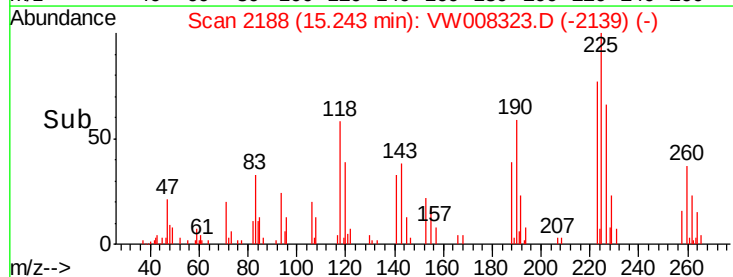
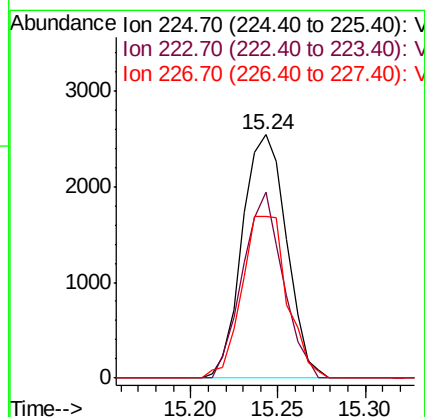
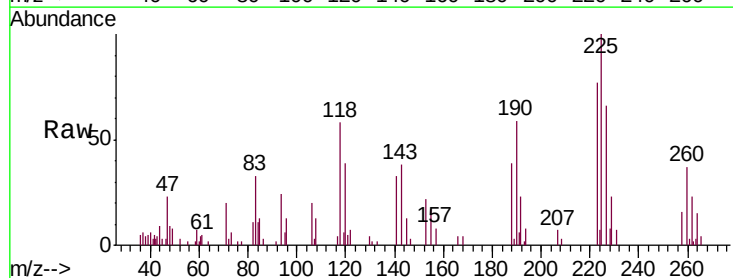
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

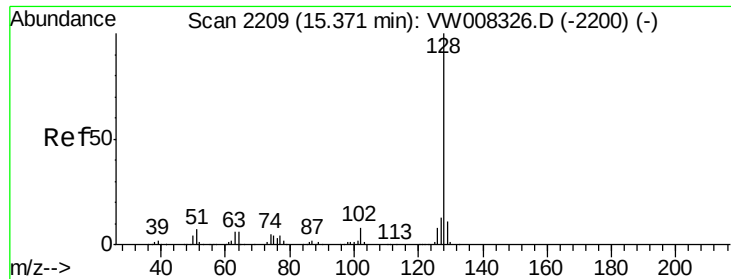
Tgt Ion:180 Resp: 7694
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.8
 145 30.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 4.602 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008323.D
 Acq: 17 Jan 2019 12:47

Tgt Ion:225 Resp: 4479
 Ion Ratio Lower Upper
 225 100
 223 69.6 31.1 93.3
 227 68.3 30.3 90.8

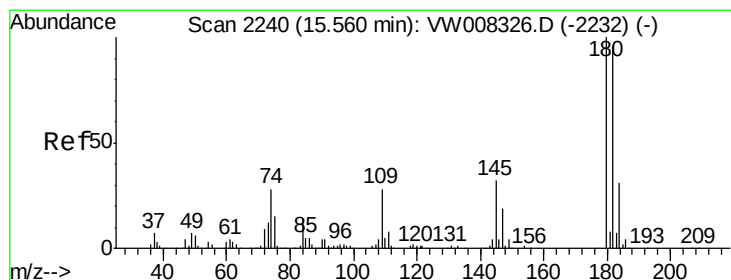
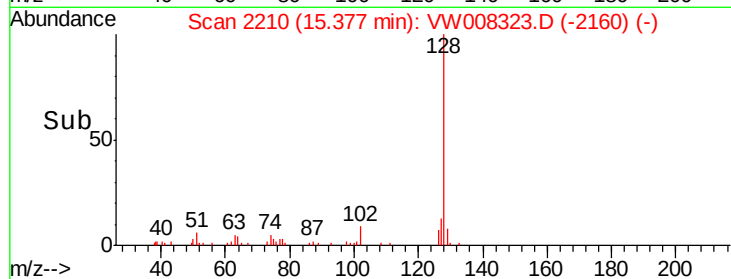
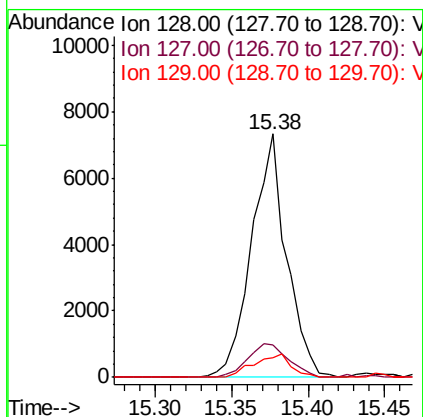
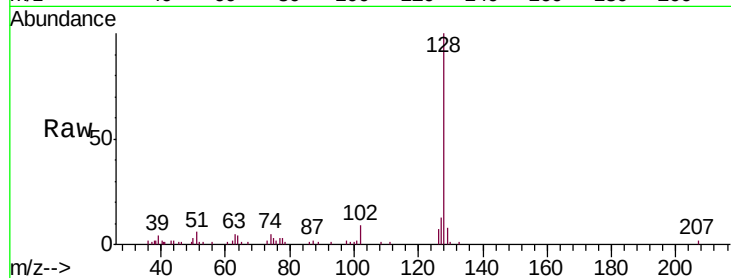




#95
Naphthalene
Concen: 4.040 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 11658
Ion Ratio Lower Upper
128 100
127 16.1 10.5 15.7#
129 10.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.703 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008323.D
Acq: 17 Jan 2019 12:47

Tgt Ion:180 Resp: 7074
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 32.0 16.2 48.6

