

Data File : VW008327.D
Acq On : 17 Jan 2019 14:31
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jan 18 00:31:56 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	119244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	186560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119536	96.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.74%	
35) Dibromofluoromethane	7.88	113	120806	101.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.88%	
50) Toluene-d8	10.32	98	481153	102.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.70%	
62) 4-Bromofluorobenzene	12.62	95	163162	97.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	71116	94.650	ug/l 99
3) Chloromethane	2.21	50	105662	95.934	ug/l 99
4) Vinyl Chloride	2.37	62	135663	96.400	ug/l 93
5) Bromomethane	2.78	94	104890	98.350	ug/l 96
6) Chloroethane	2.92	64	94631	102.734	ug/l 96
7) Trichlorofluoromethane	3.26	101	109747	106.210	ug/l 98
8) Diethyl Ether	3.68	74	66646	93.013	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121014	100.593	ug/l 98
10) Methyl Iodide	4.26	142	196281	101.165	ug/l 99
11) Tert butyl alcohol	5.17	59	37445	436.703	ug/l 100
12) 1,1-Dichloroethene	4.03	96	120798	98.729	ug/l 97
13) Acrolein	3.89	56	46564	632.225	ug/l 95
14) Allyl chloride	4.66	41	207165	101.280	ug/l 99
15) Acrylonitrile	5.36	53	141249	513.177	ug/l 100
16) Acetone	4.12	43	137521	477.390	ug/l 99
17) Carbon Disulfide	4.37	76	388229	104.276	ug/l 99
18) Methyl Acetate	4.67	43	71922	93.466	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	189404	101.125	ug/l 96
20) Methylene Chloride	4.91	84	127165	83.131	ug/l 94
21) trans-1,2-Dichloroethene	5.42	96	138612	100.867	ug/l 91
22) Diisopropyl ether	6.31	45	399231	99.971	ug/l 97
23) Vinyl Acetate	6.25	43	1151582	539.468	ug/l 100
24) 1,1-Dichloroethane	6.21	63	238983	98.285	ug/l 99
25) 2-Butanone	7.17	43	195708	530.432	ug/l 100
26) 2,2-Dichloropropane	7.16	77	144525	93.140	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	148768	99.919	ug/l 99
28) Bromochloromethane	7.51	49	99766	99.590	ug/l # 98
29) Tetrahydrofuran	7.52	42	121529	528.352	ug/l 100
30) Chloroform	7.67	83	239951	99.740	ug/l 96
31) Cyclohexane	7.95	56	221831	95.752	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	200063	99.088	ug/l 99
36) 1,1-Dichloropropene	8.08	75	196626	104.758	ug/l 100
37) Ethyl Acetate	7.25	43	78362	101.241	ug/l 99
38) Carbon Tetrachloride	8.07	117	191689	103.425	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245477	109.950	ug/l	98
40) Benzene	8.32	78	551084	103.649	ug/l	99
41) Methacrylonitrile	7.48	41	48706	108.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149693	100.687	ug/l	99
43) Isopropyl Acetate	8.43	43	157625	107.811	ug/l	99
44) Trichloroethene	9.09	130	151504	104.008	ug/l	97
45) 1,2-Dichloropropane	9.37	63	133747	101.271	ug/l	99
46) Dibromomethane	9.46	93	69435	100.875	ug/l	100
47) Bromodichloromethane	9.65	83	176997	104.246	ug/l	99
48) Methyl methacrylate	9.43	41	76940	111.787	ug/l	98
49) 1,4-Dioxane	9.45	88	22768	2054.734	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	408927	552.365	ug/l	100
52) Toluene	10.39	92	349792	103.959	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	182342	107.602	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	214195	107.223	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97046	101.649	ug/l	97
56) Ethyl methacrylate	10.65	69	126205	112.560	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171189	103.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	303915	561.941	ug/l	99
59) 2-Hexanone	10.97	43	294345	567.451	ug/l	100
60) Dibromochloromethane	11.13	129	121120	106.299	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95612	103.421	ug/l	95
64) Tetrachloroethene	10.86	164	128092	105.920	ug/l	99
65) Chlorobenzene	11.66	112	384990	102.338	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	135202	104.422	ug/l	98
67) Ethyl Benzene	11.73	91	681915	104.397	ug/l	100
68) m/p-Xylenes	11.84	106	529194	208.727	ug/l	100
69) o-Xylene	12.16	106	248366	104.854	ug/l	99
70) Styrene	12.18	104	402007	105.660	ug/l	99
71) Bromoform	12.35	173	70858	109.858	ug/l	99
73) Isopropylbenzene	12.47	105	671399	107.889	ug/l	100
74) N-amyl acetate	12.27	43	150524	112.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	110380	104.280	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	147824	178.047	ug/l	24
77) Bromobenzene	12.75	156	153517	102.703	ug/l	98
78) n-propylbenzene	12.80	91	800931	106.333	ug/l	100
79) 2-Chlorotoluene	12.90	91	445675	103.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	549839	105.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	35811	109.878	ug/l	97
82) 4-Chlorotoluene	12.99	91	465338	103.473	ug/l	99
83) tert-Butylbenzene	13.21	119	487380	106.634	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	550708	104.102	ug/l	100
85) sec-Butylbenzene	13.39	105	677337	103.215	ug/l	99
86) p-Isopropyltoluene	13.50	119	596230	104.025	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	298855	100.626	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298729	100.398	ug/l	99
89) n-Butylbenzene	13.83	91	577619	105.062	ug/l	100
90) Hexachloroethane	14.10	117	112029	105.618	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	267218	101.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18025	104.142	ug/l	97

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

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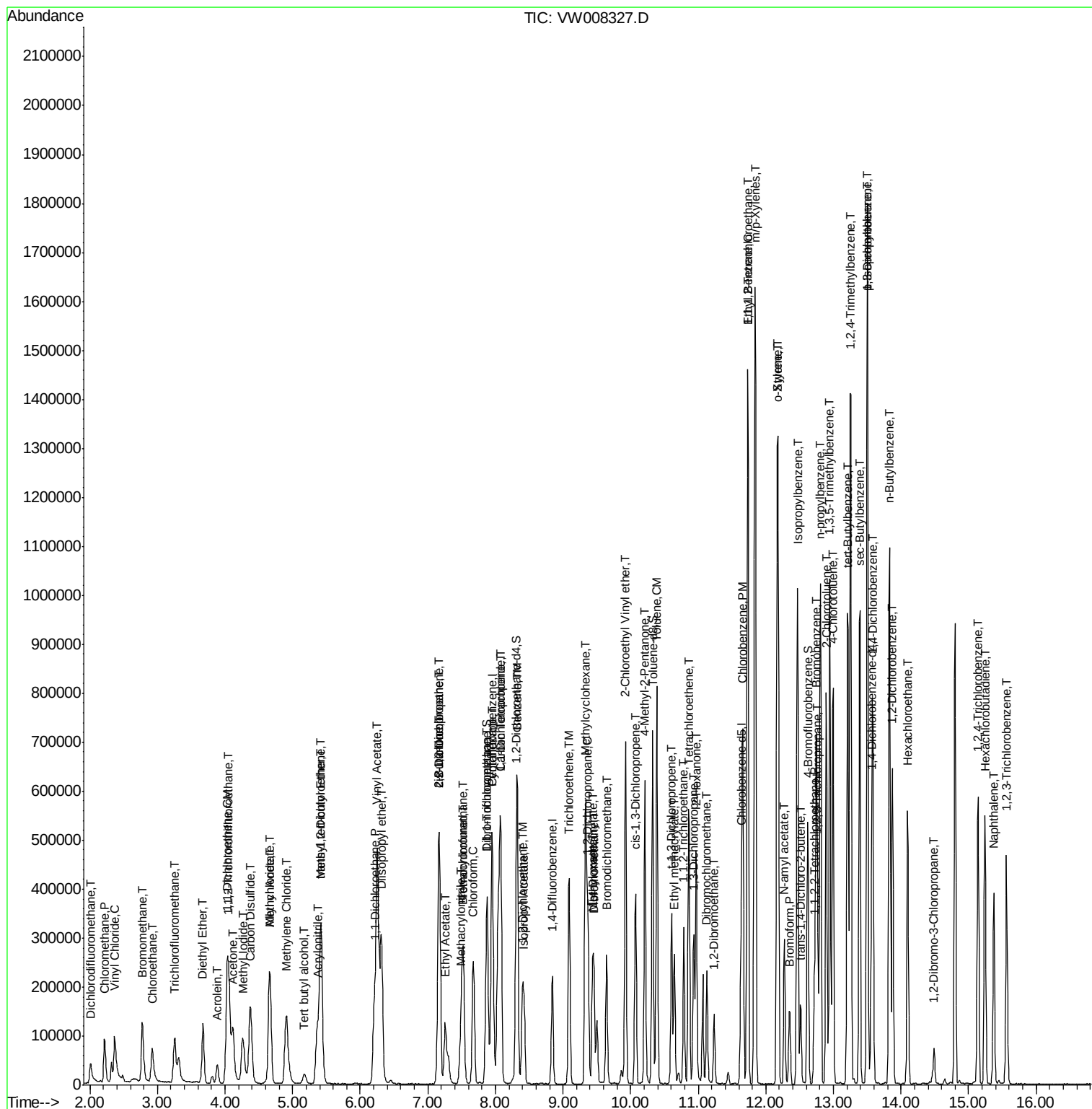
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	189884	106.974	ug/l	100
94) Hexachlorobutadiene	15.24	225	104890	104.849	ug/l	98
95) Naphthalene	15.37	128	340739	114.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	164011	106.080	ug/l	99

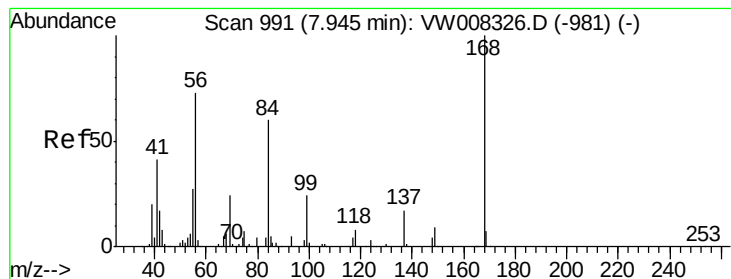
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VSTDIC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

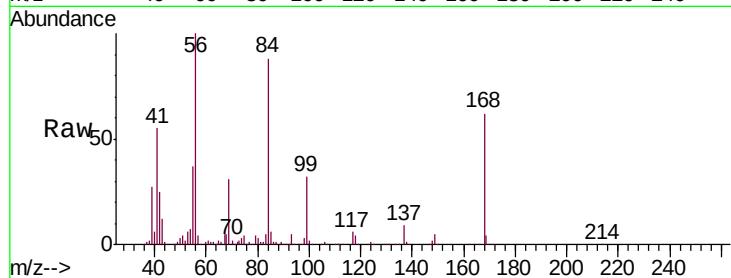
VSTDIC100

Tgt Ion:168 Resp: 119244

Ion Ratio Lower Upper

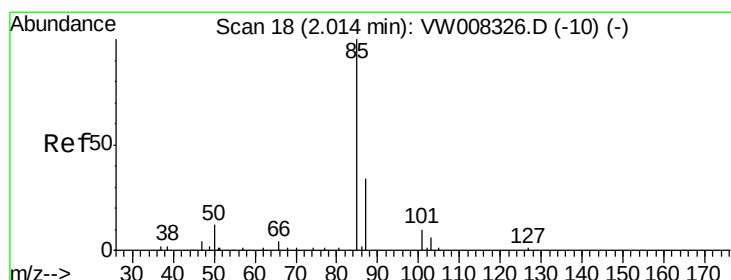
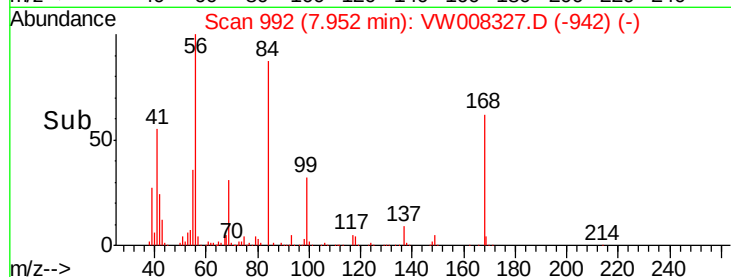
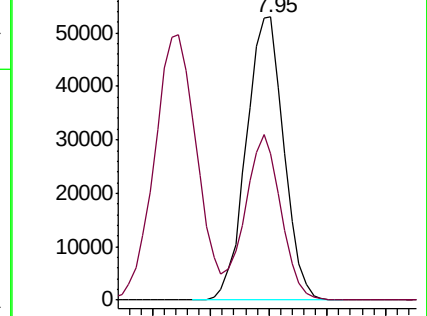
168 100

99 51.7 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: 94.650 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008327.D

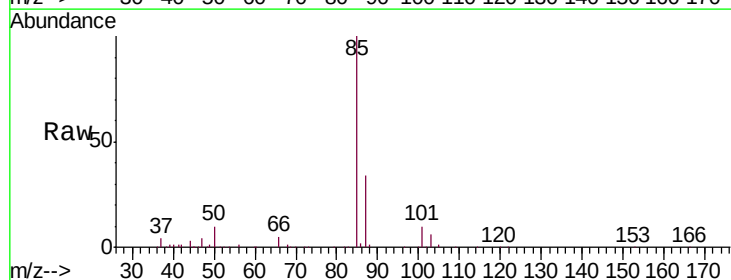
Acq: 17 Jan 2019 14:31

Tgt Ion: 85 Resp: 71116

Ion Ratio Lower Upper

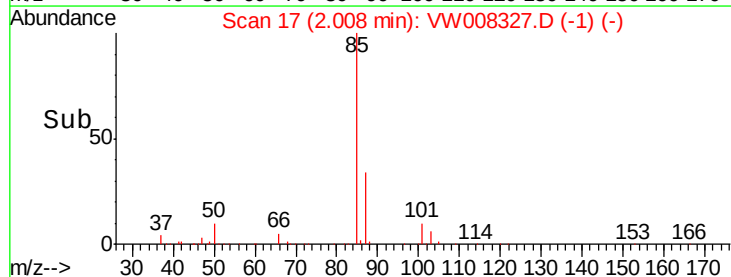
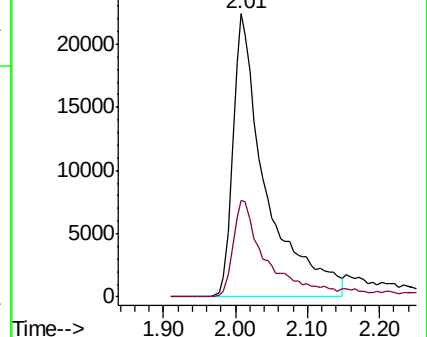
85 100

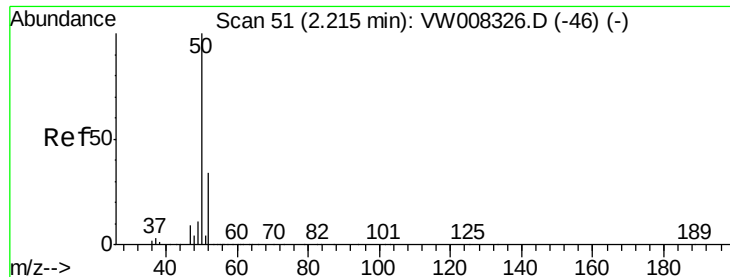
87 34.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 95.934 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

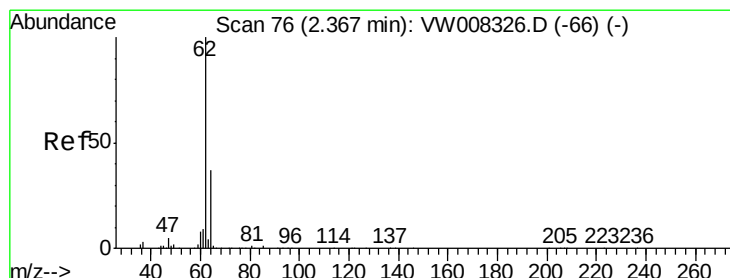
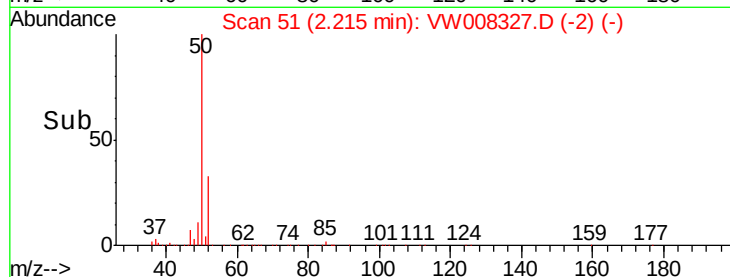
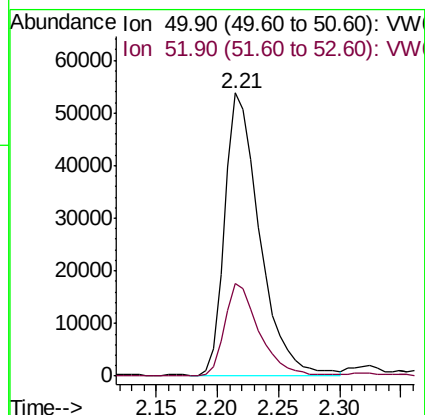
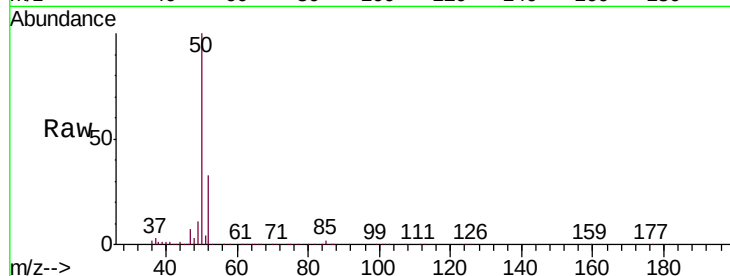
VSTDICC100

Tgt Ion: 50 Resp: 105662

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 96.400 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008327.D

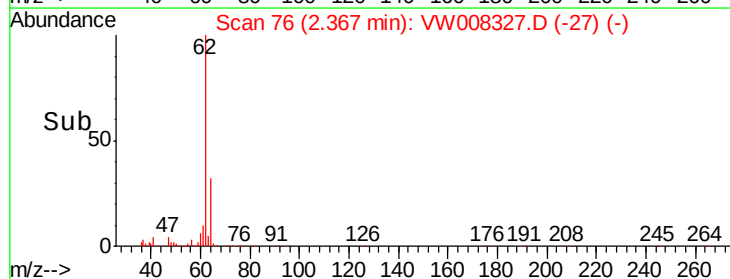
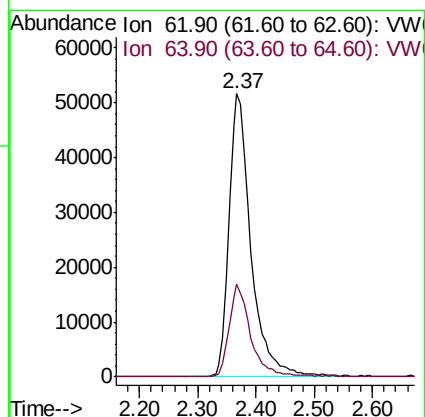
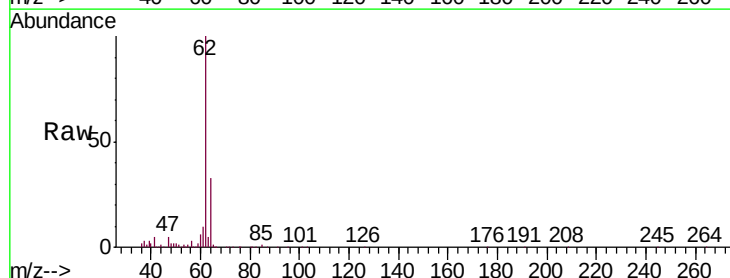
Acq: 17 Jan 2019 14:31

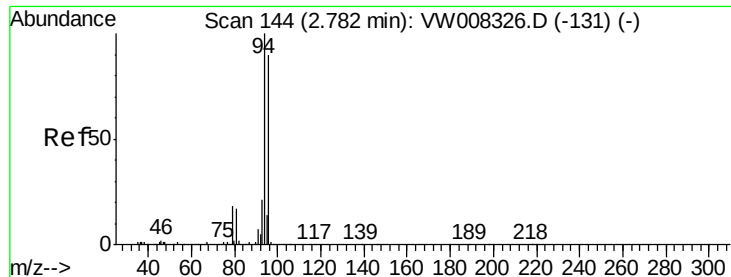
Tgt Ion: 62 Resp: 135663

Ion Ratio Lower Upper

62 100

64 32.5 29.4 44.2





#5

Bromomethane

Concen: 98.350 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

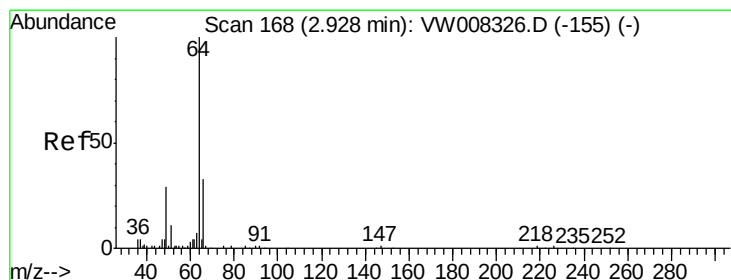
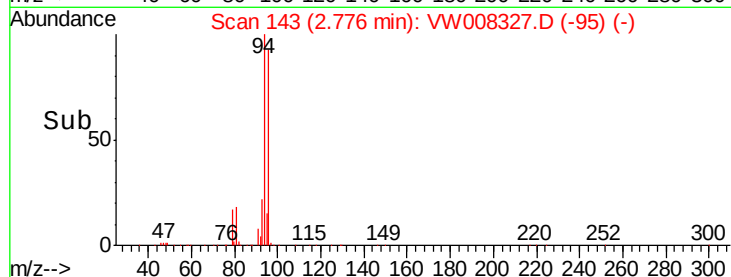
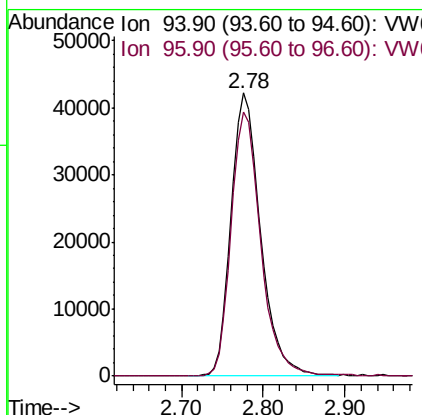
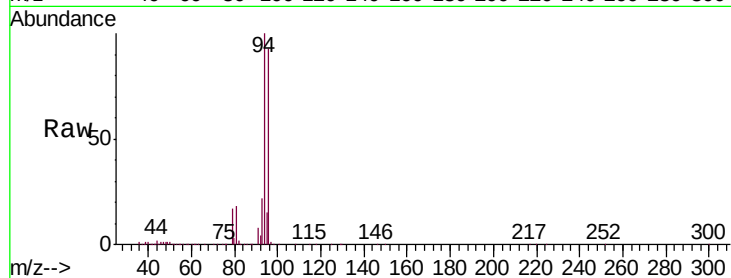
VSTDIC100

Tgt Ion: 94 Resp: 104890

Ion Ratio Lower Upper

94 100

96 93.3 71.4 107.0



#6

Chloroethane

Concen: 102.734 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008327.D

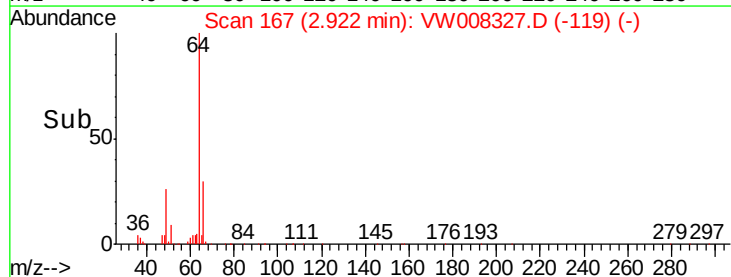
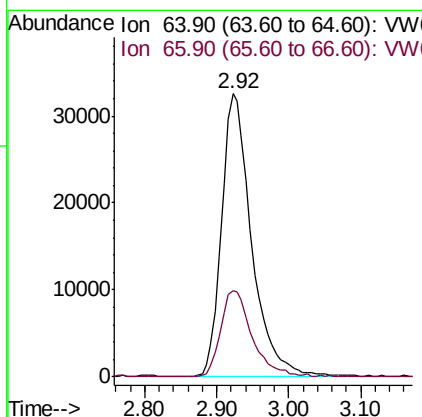
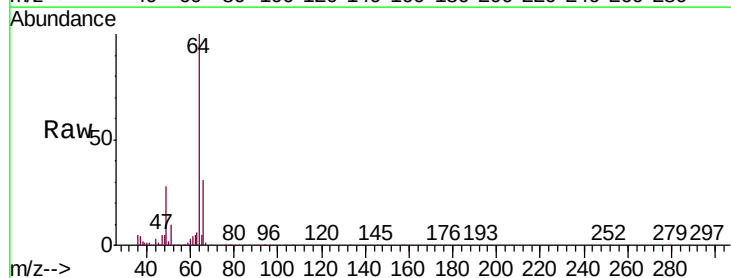
Acq: 17 Jan 2019 14:31

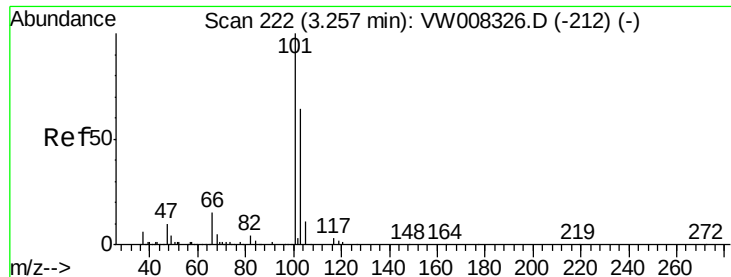
Tgt Ion: 64 Resp: 94631

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4



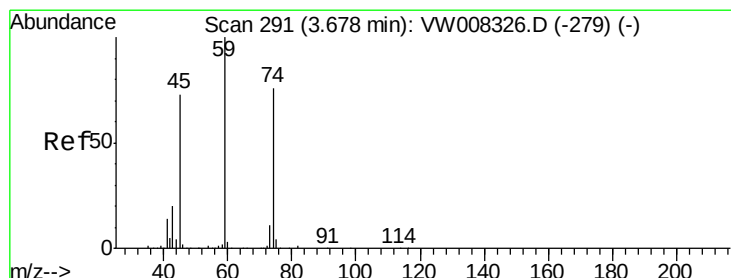
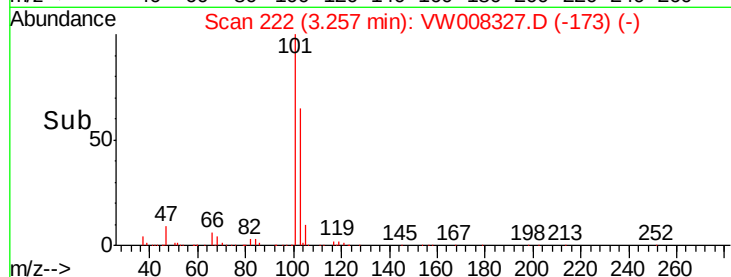
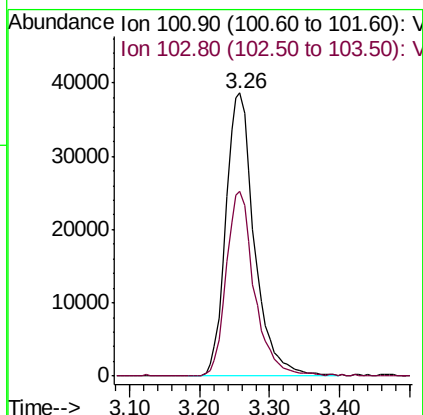
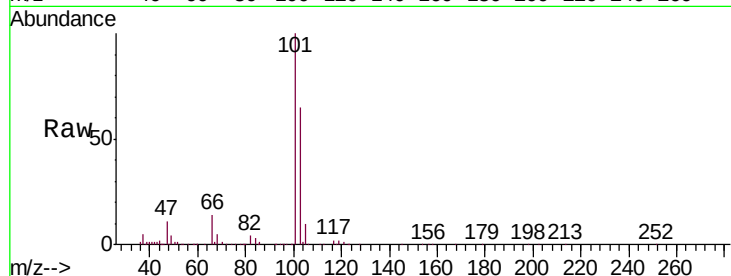


#7

Trichlorofluoromethane
 Concen: 106.210 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
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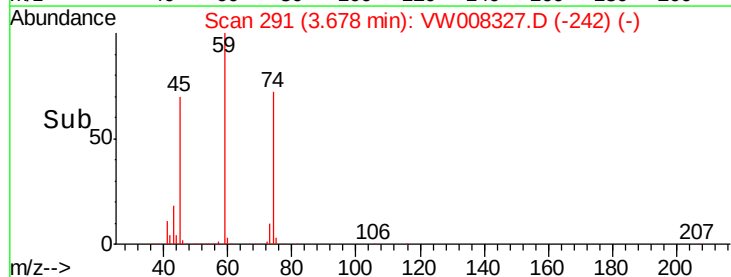
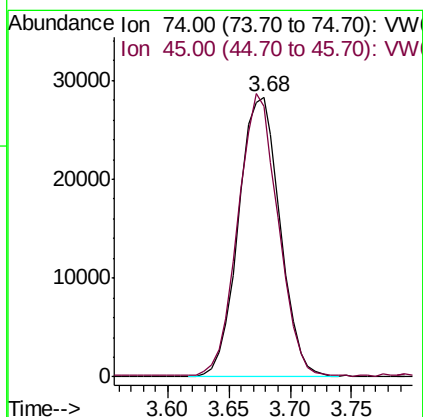
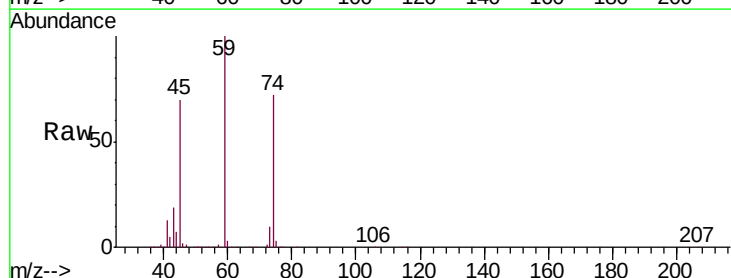
Tgt Ion:101 Resp: 109747
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3

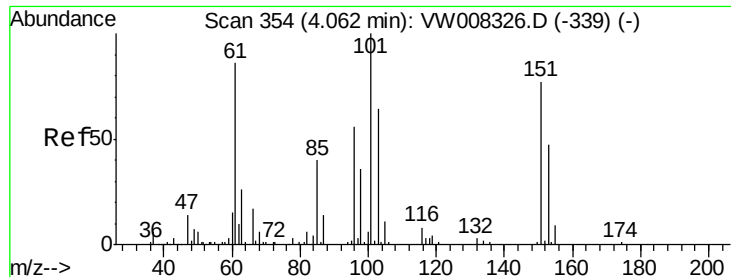


#8

Diethyl Ether
 Concen: 93.013 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 74 Resp: 66646
 Ion Ratio Lower Upper
 74 100
 45 97.5 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.593 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

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VSTDIC100

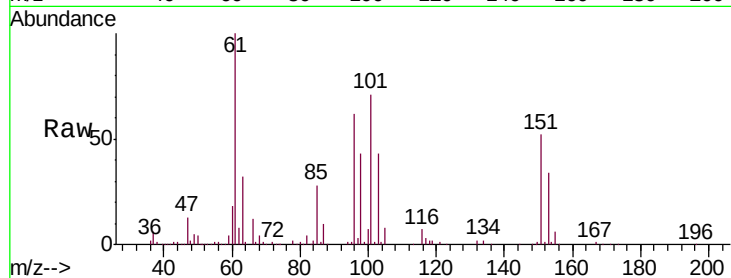
Tgt Ion:101 Resp: 121014

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

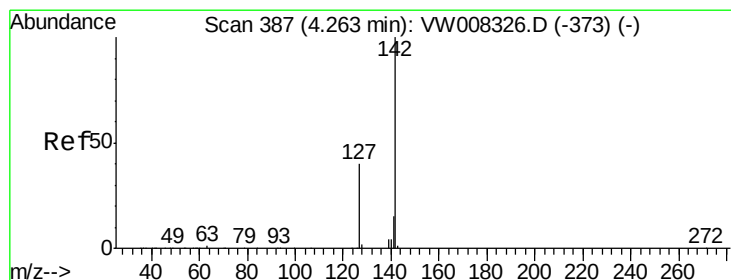
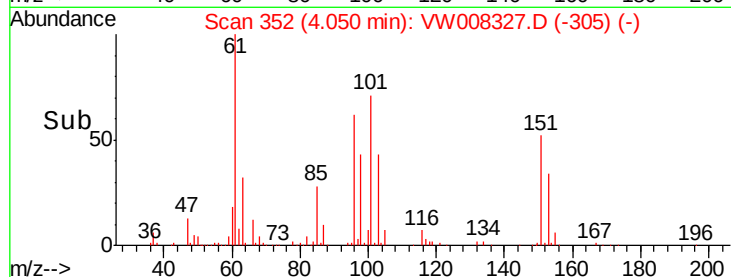
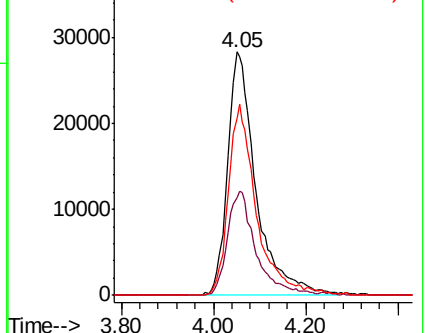
151 77.2 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 101.165 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

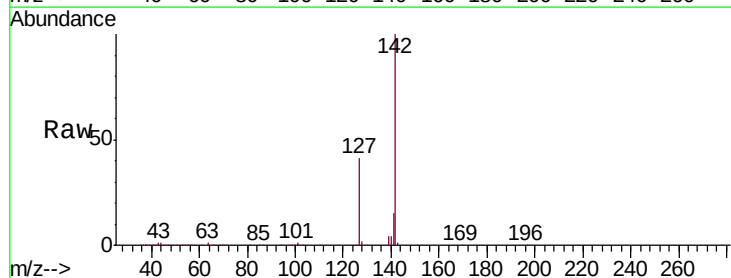
Tgt Ion:142 Resp: 196281

Ion Ratio Lower Upper

142 100

127 42.2 34.3 51.5

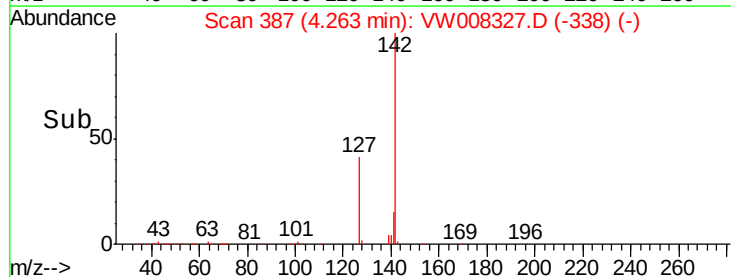
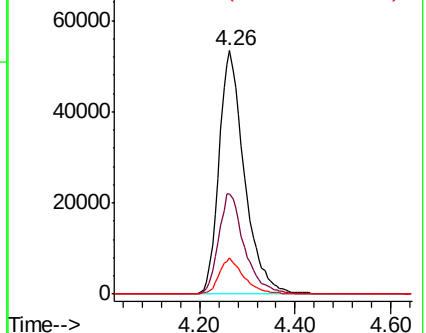
141 14.3 12.2 18.2

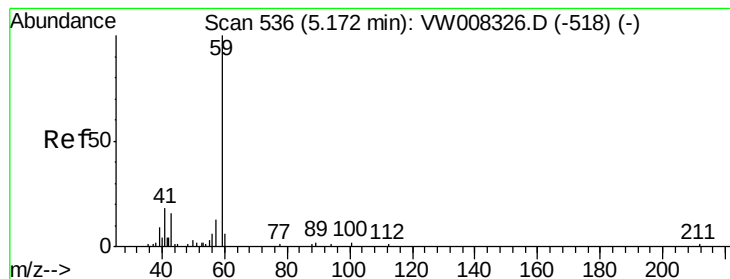


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



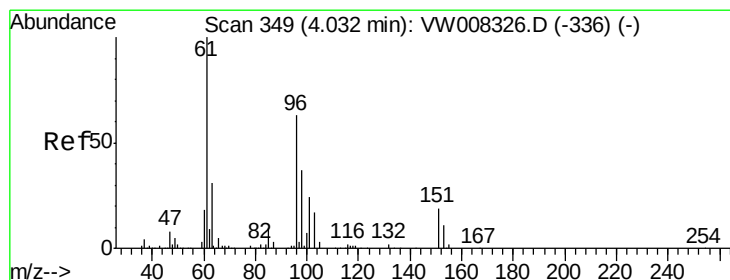
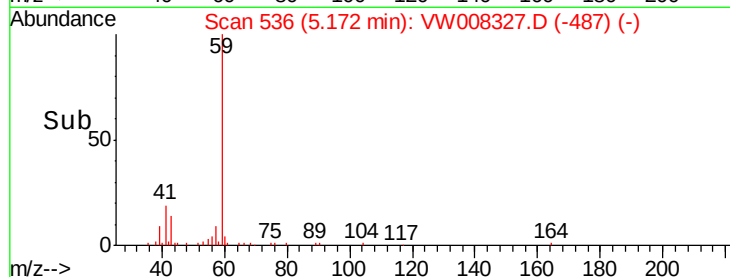
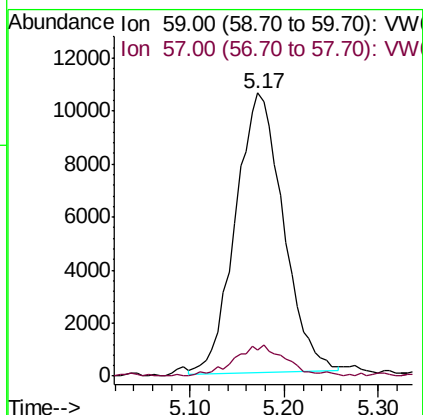
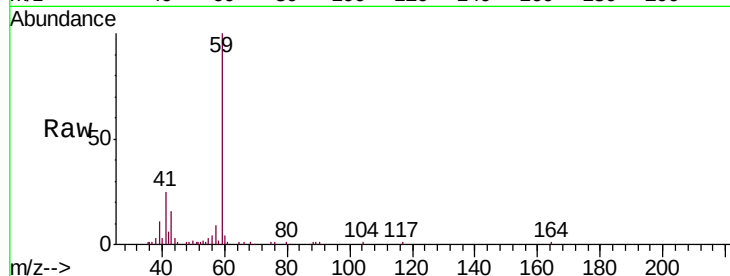


#11

Tert butyl alcohol
 Concen: 436.703 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

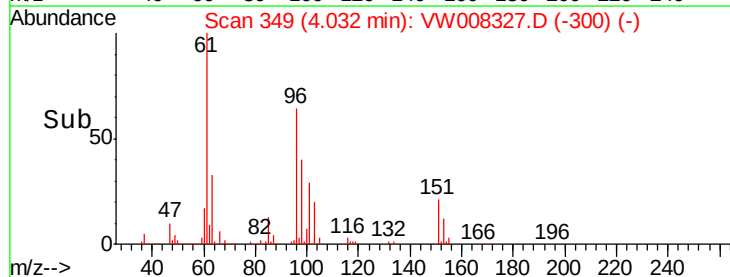
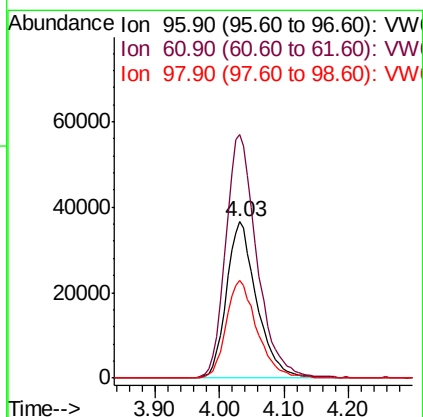
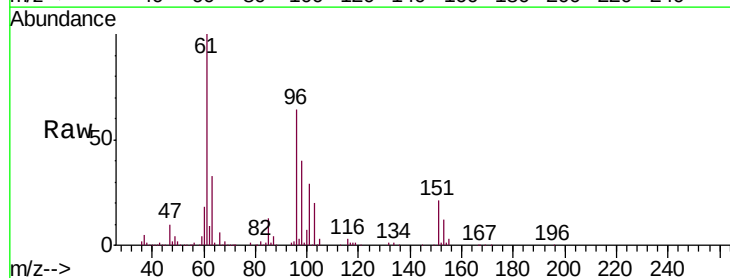
Tgt Ion: 59 Resp: 37445
 Ion Ratio Lower Upper
 59 100
 57 11.7 9.4 14.2

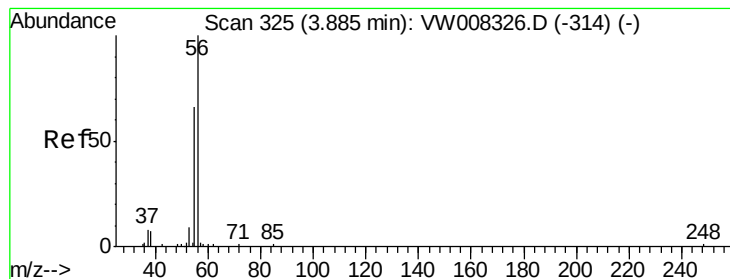


#12

1,1-Dichloroethene
 Concen: 98.729 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 96 Resp: 120798
 Ion Ratio Lower Upper
 96 100
 61 155.6 126.4 189.6
 98 62.3 46.7 70.1





#13

Acrolein

Concen: 632.225 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

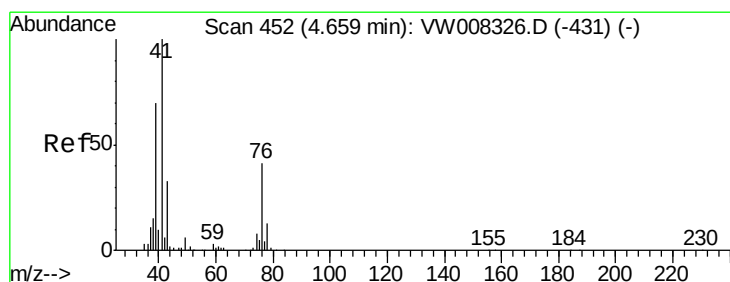
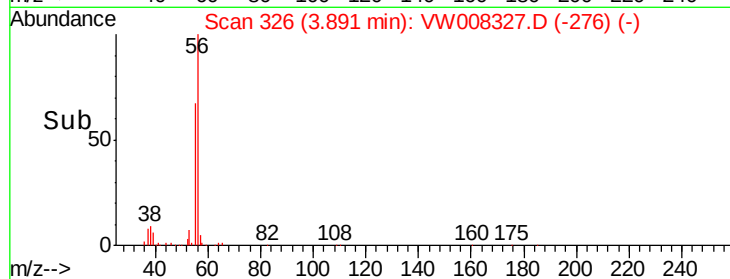
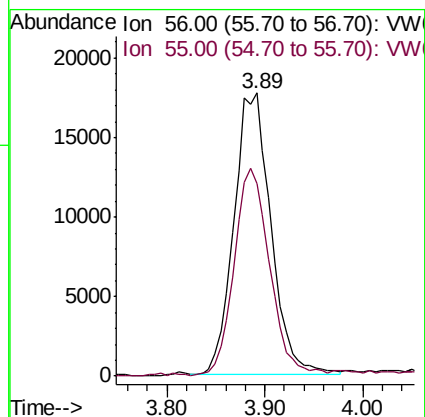
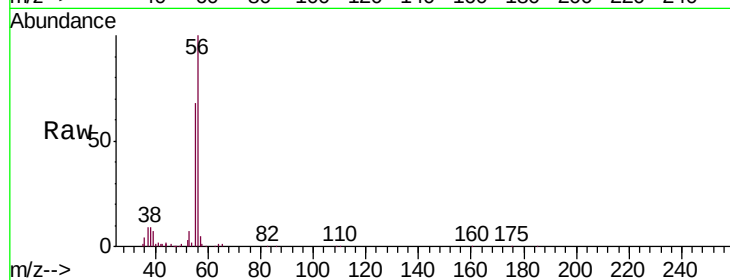
VSTDICC100

Tgt Ion: 56 Resp: 46564

Ion Ratio Lower Upper

56 100

55 70.3 52.9 79.3



#14

Allyl chloride

Concen: 101.280 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

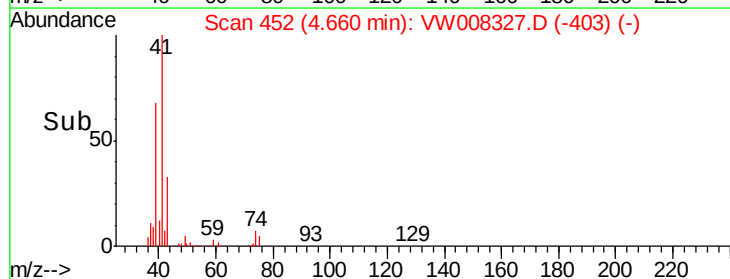
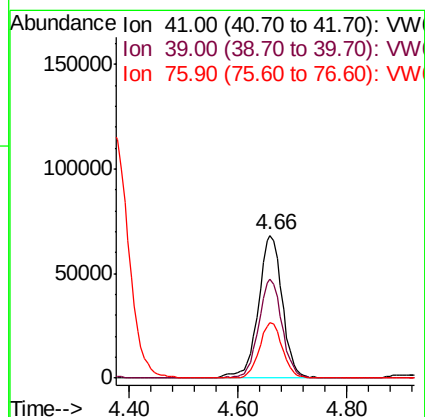
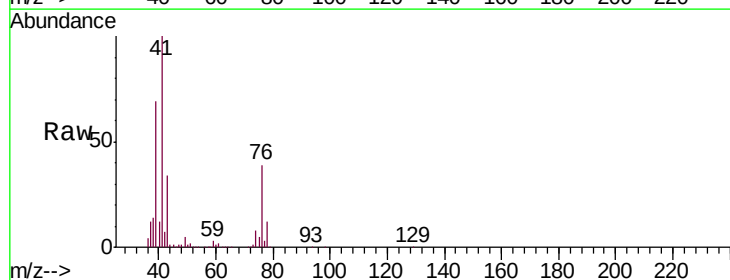
Tgt Ion: 41 Resp: 207165

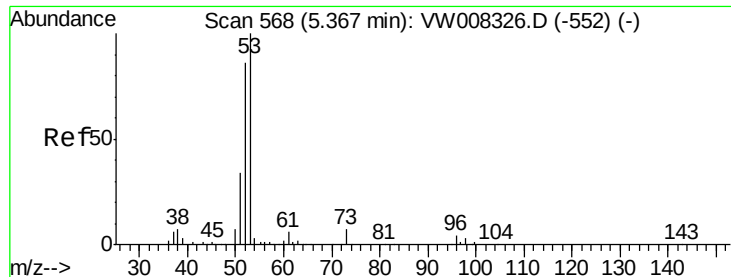
Ion Ratio Lower Upper

41 100

39 66.3 54.1 81.1

76 37.2 29.5 44.3





#15

Acrylonitrile

Concen: 513.177 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

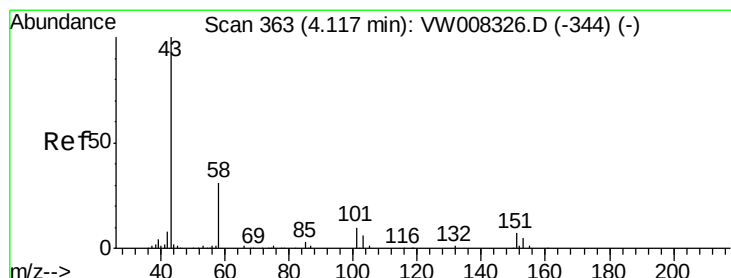
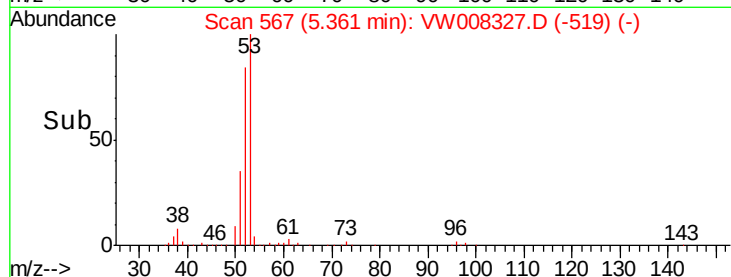
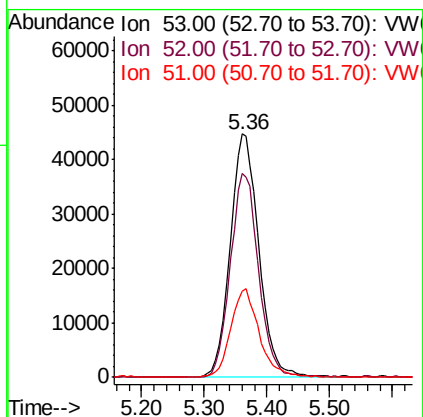
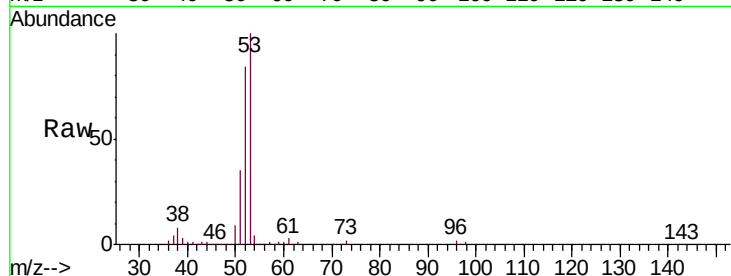
Tgt Ion: 53 Resp: 141249

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

51 36.2 29.6 44.4



#16

Acetone

Concen: 477.390 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008327.D

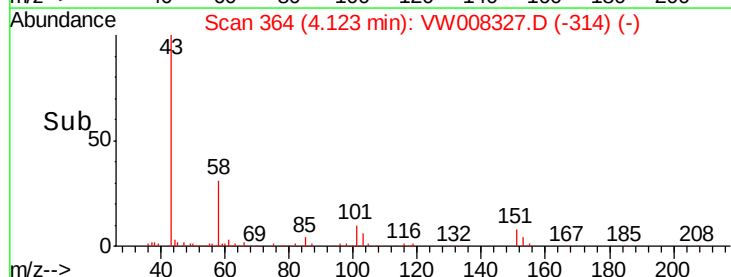
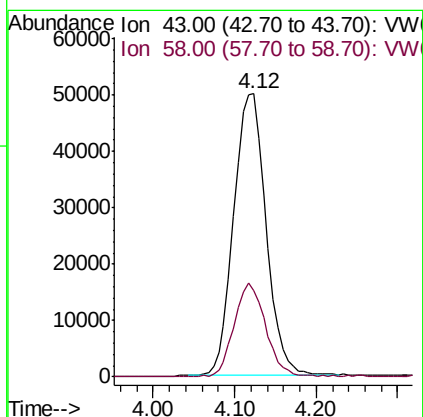
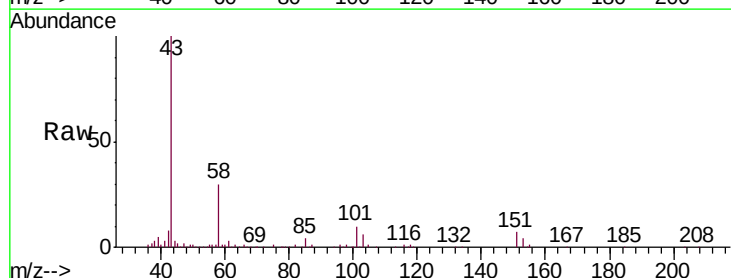
Acq: 17 Jan 2019 14:31

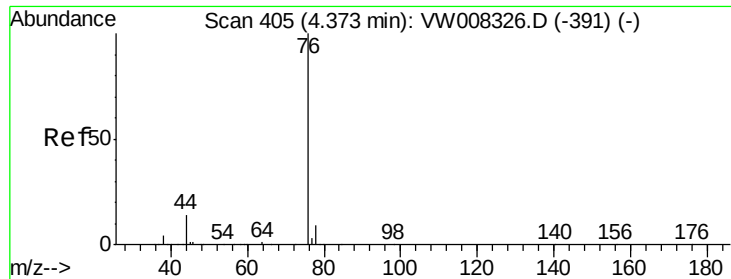
Tgt Ion: 43 Resp: 137521

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1

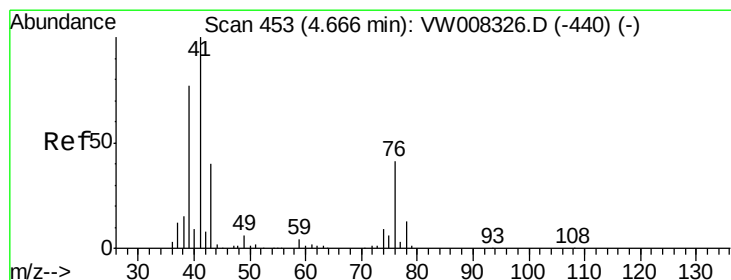
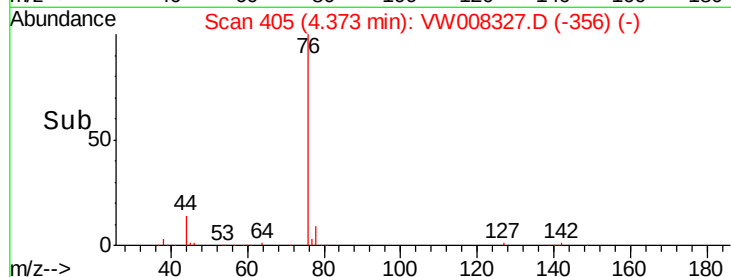
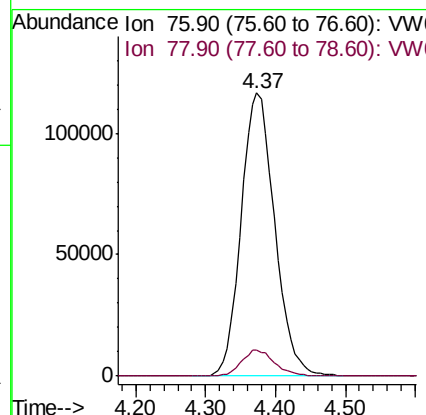
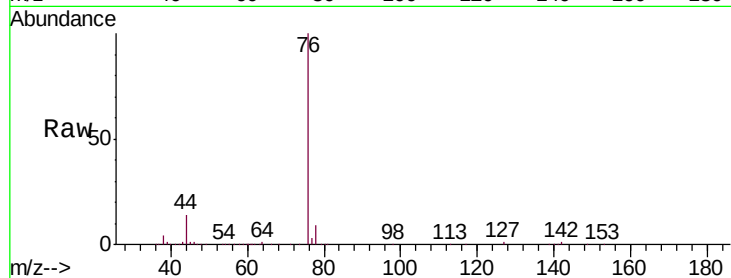




#17
Carbon Disulfide
Concen: 104.276 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

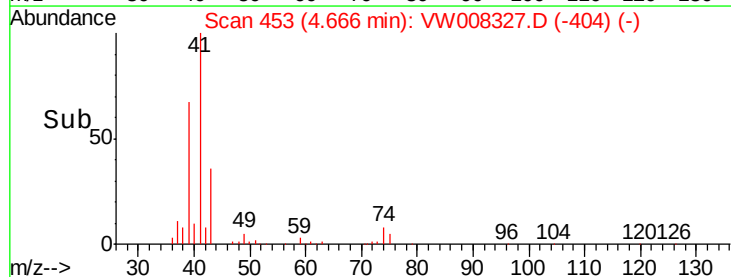
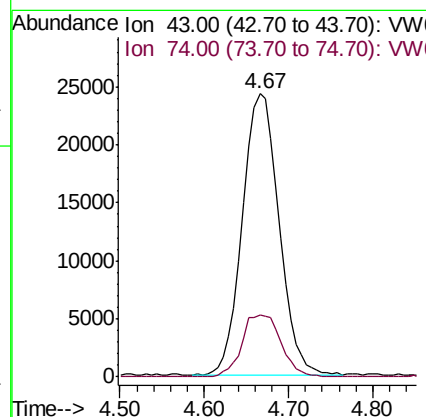
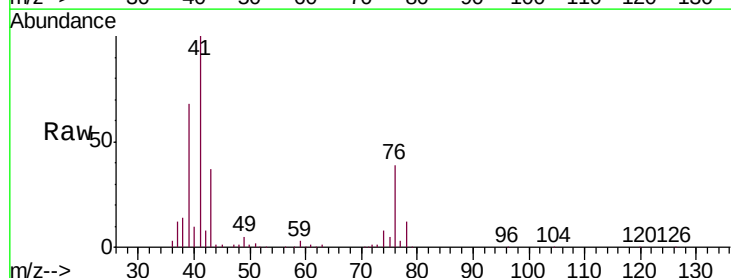
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

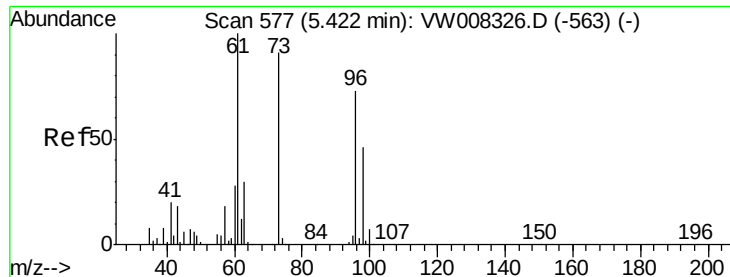
Tgt Ion: 76 Resp: 388229
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 93.466 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 43 Resp: 71922
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 101.125 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

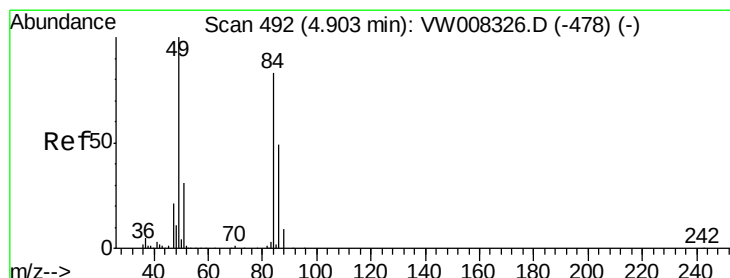
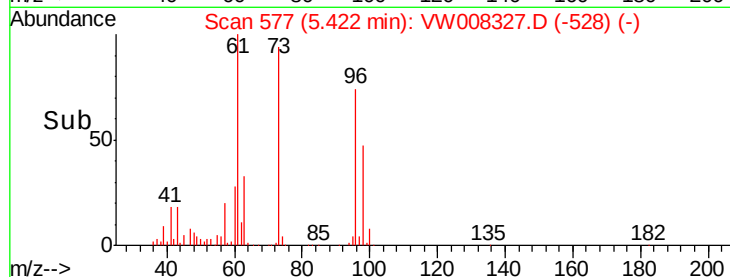
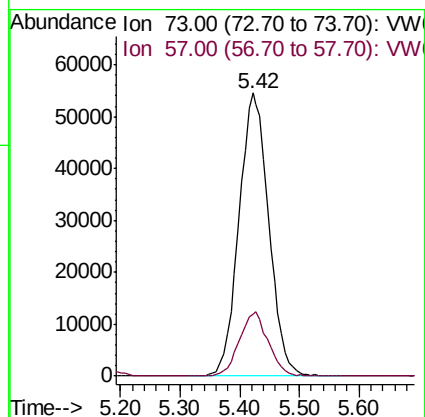
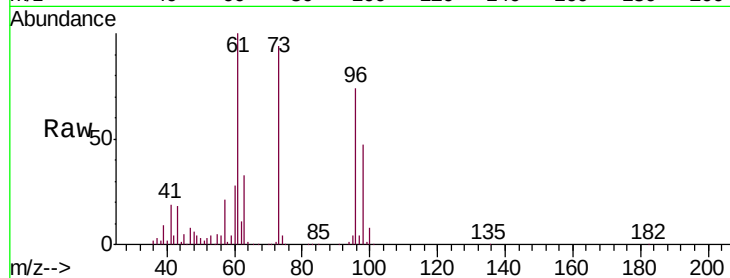
VSTDIC100

Tgt Ion: 73 Resp: 189404

Ion Ratio Lower Upper

73 100

57 22.1 16.3 24.5



#20

Methylene Chloride

Concen: 83.131 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion: 84 Resp: 127165

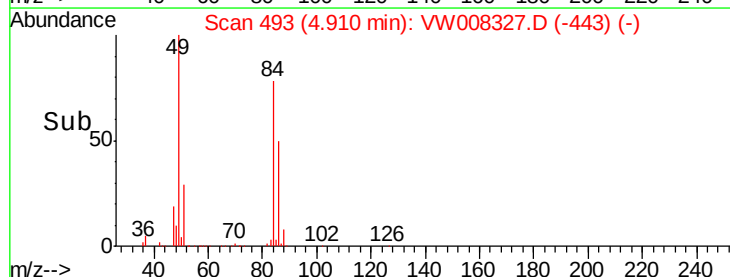
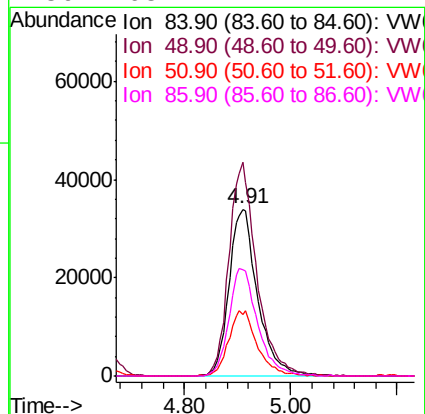
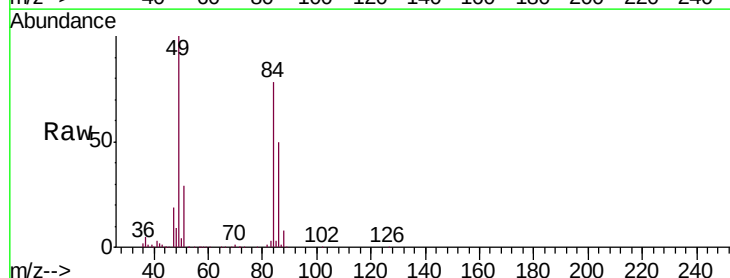
Ion Ratio Lower Upper

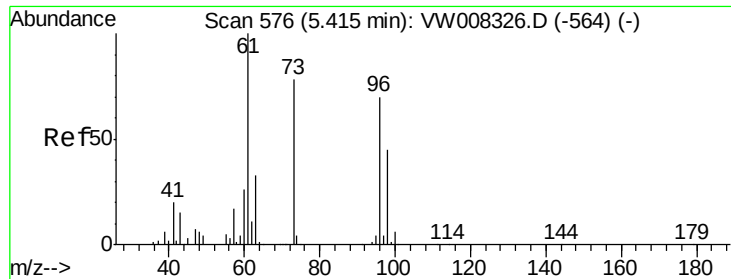
84 100

49 127.9 95.9 143.9

51 37.0 29.3 43.9

86 63.4 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 100.867 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

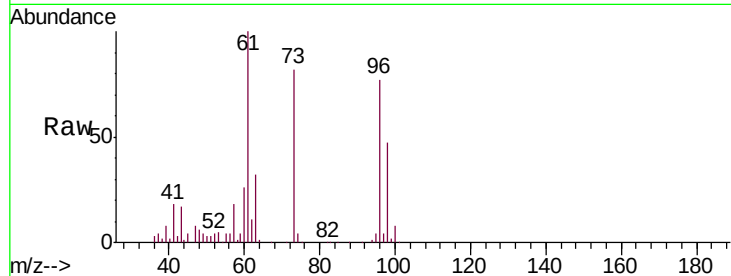
Tgt Ion: 96 Resp: 138612

Ion Ratio Lower Upper

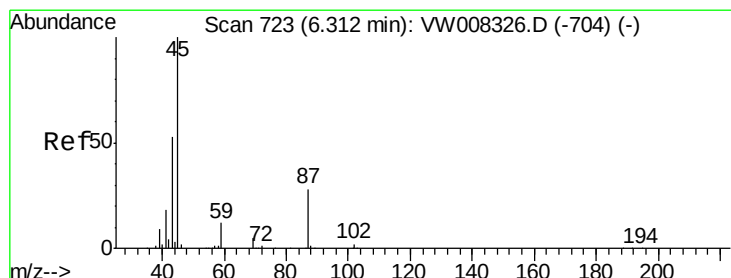
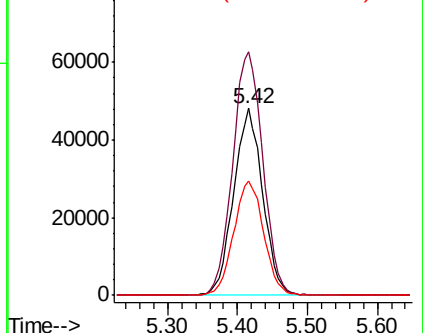
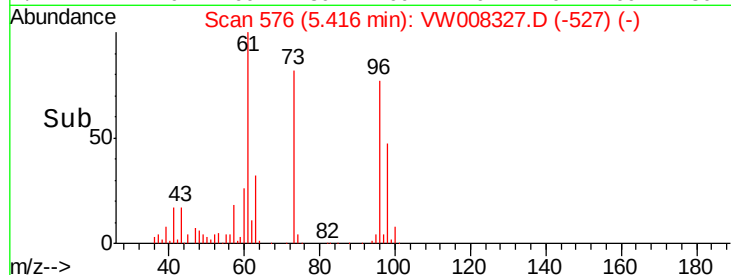
96 100

61 130.1 114.5 171.7

98 61.2 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: 99.971 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Tgt Ion: 45 Resp: 399231

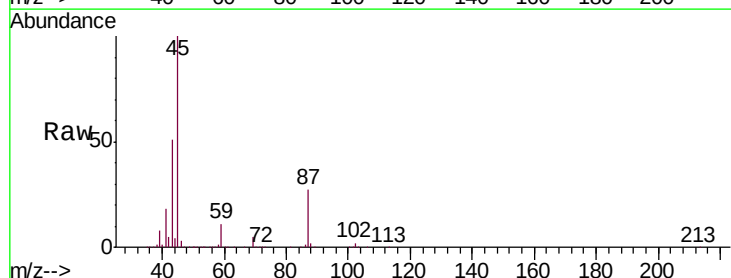
Ion Ratio Lower Upper

45 100

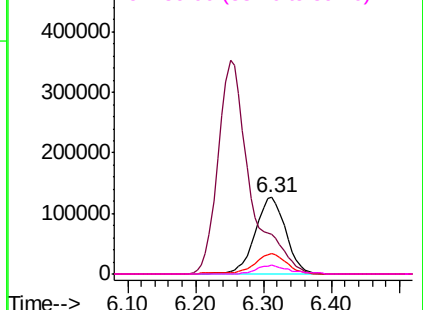
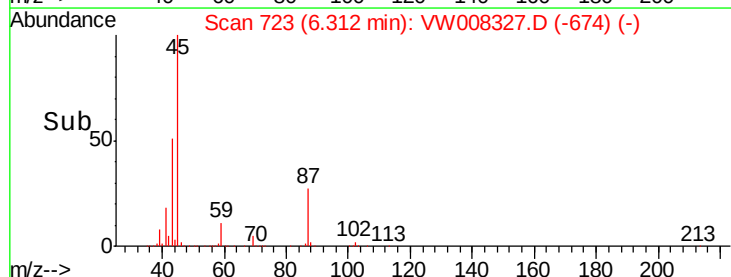
43 50.6 42.5 63.7

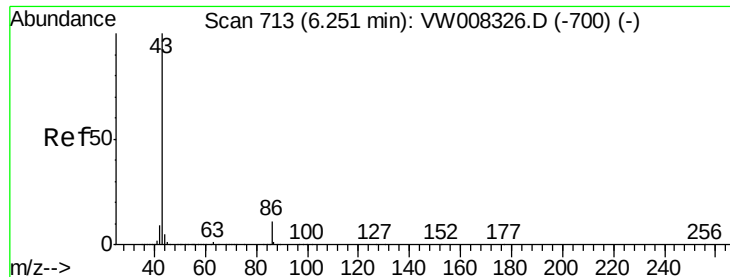
87 27.1 22.2 33.2

59 11.0 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

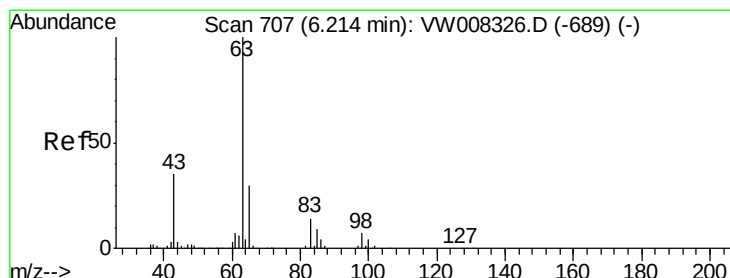
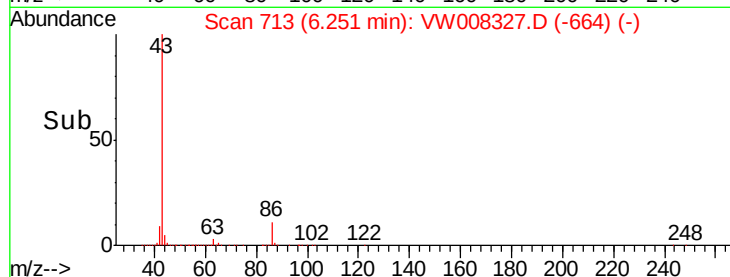
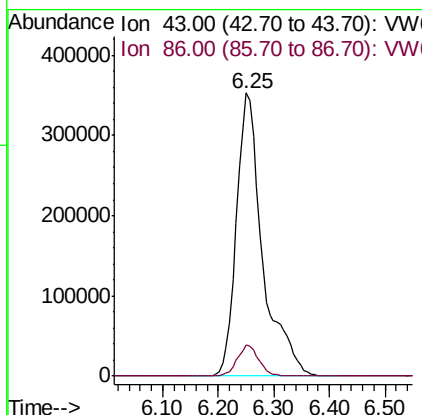
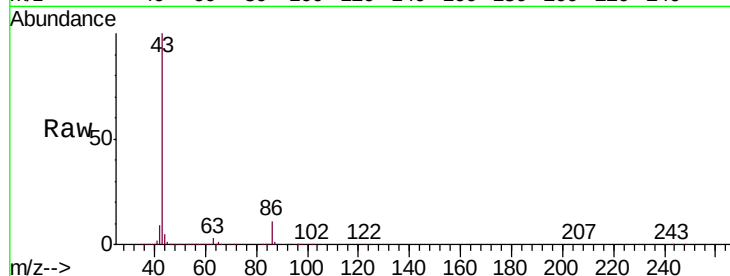




#23
 Vinyl Acetate
 Concen: 539.468 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

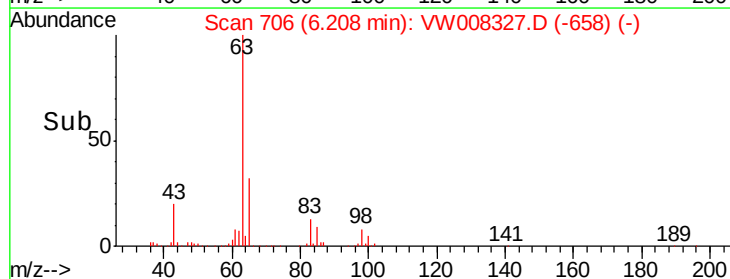
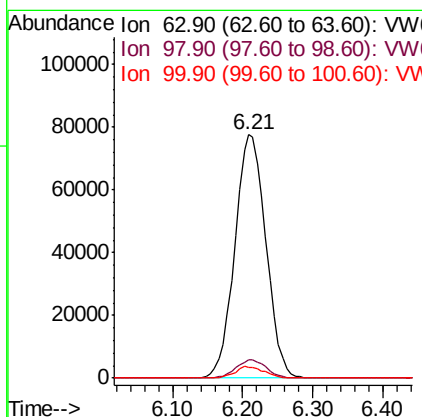
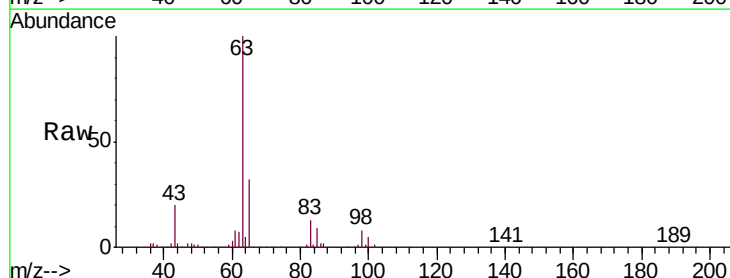
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

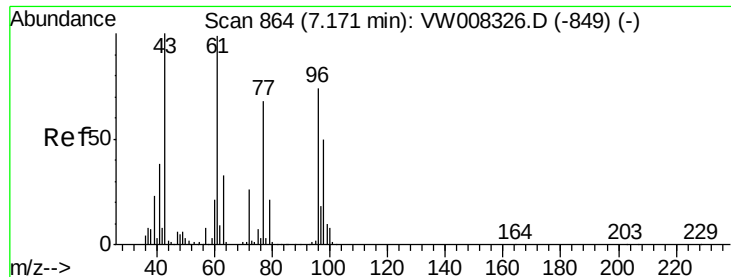
Tgt Ion: 43 Resp: 1151582
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 98.285 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 63 Resp: 238983
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 530.432 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

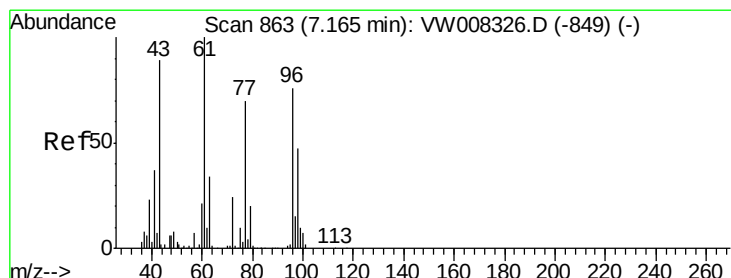
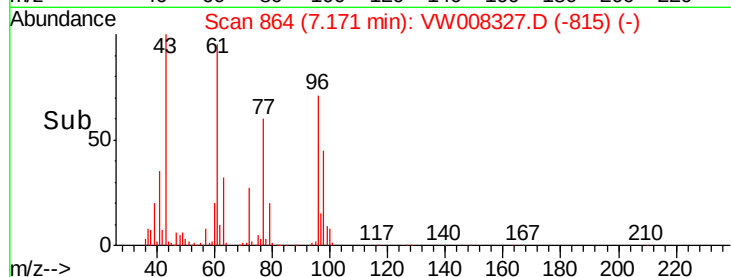
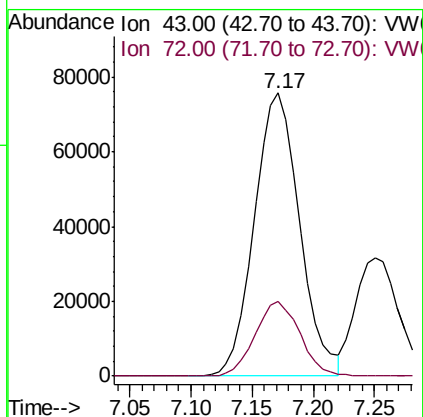
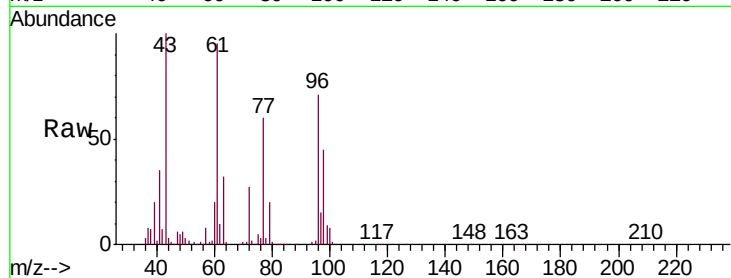
VSTDIC100

Tgt Ion: 43 Resp: 195708

Ion Ratio Lower Upper

43 100

72 26.6 21.2 31.8



#26

2,2-Dichloropropane

Concen: 93.140 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008327.D

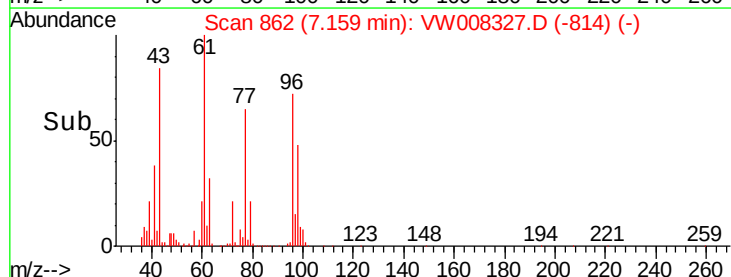
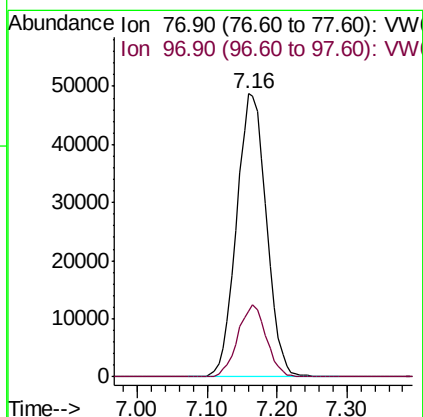
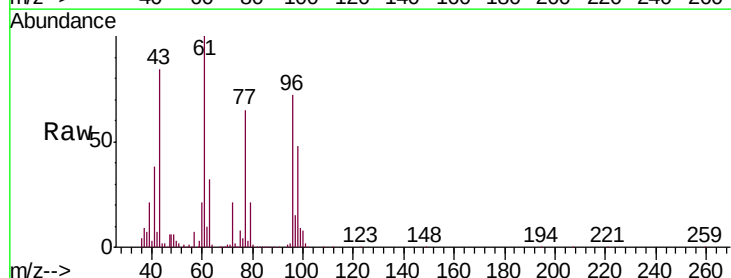
Acq: 17 Jan 2019 14:31

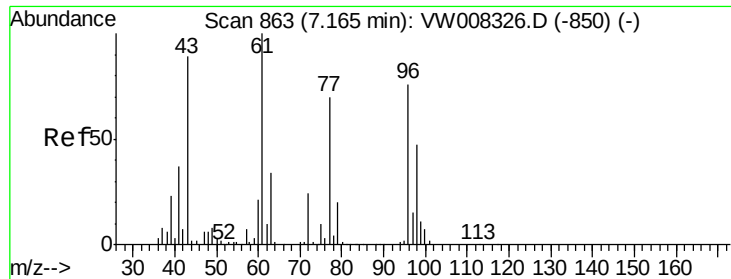
Tgt Ion: 77 Resp: 144525

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



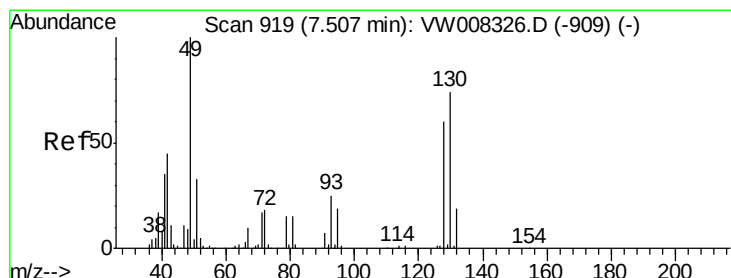
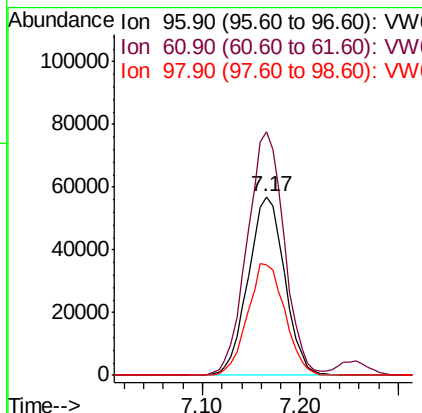
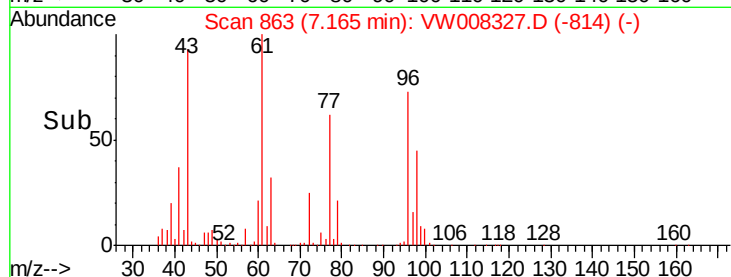
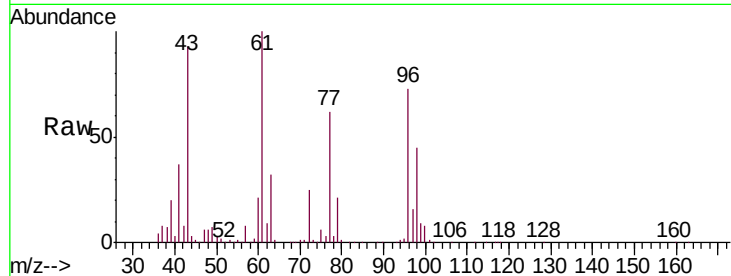


#27

cis-1,2-Dichloroethene
 Concen: 99.919 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

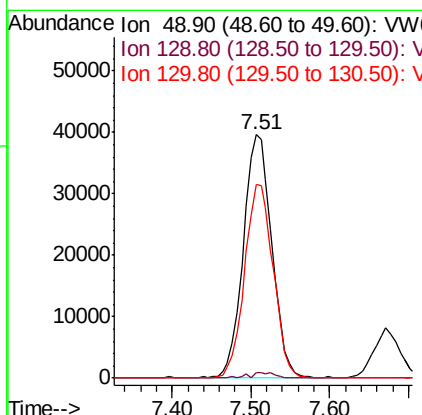
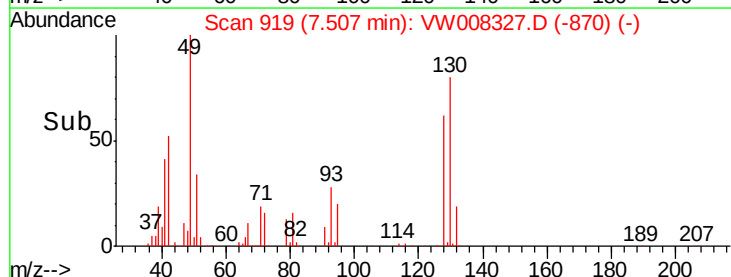
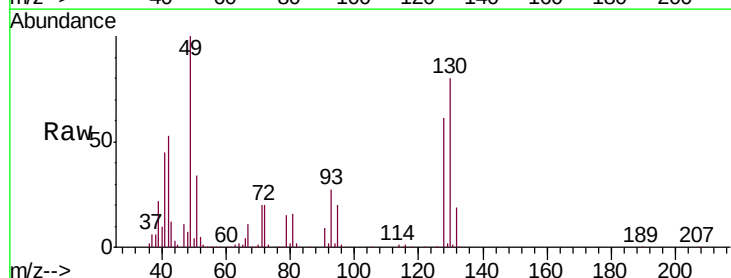
Tgt Ion: 96 Resp: 148768
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 272.2
 98 63.7 0.0 129.4

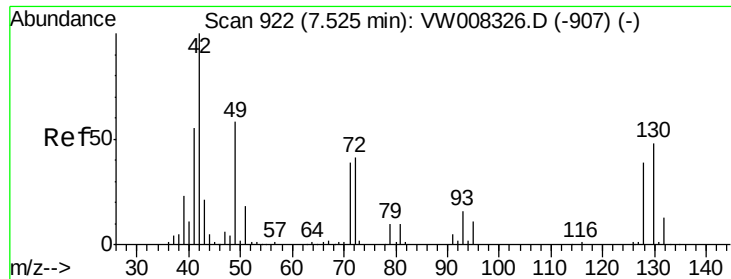


#28

Bromochloromethane
 Concen: 99.590 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 49 Resp: 99766
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.6
 130 79.7 0.0 0.0#

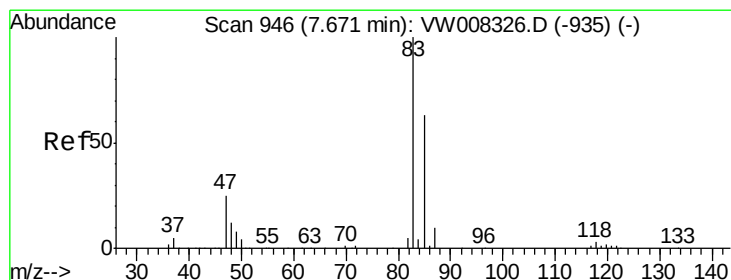
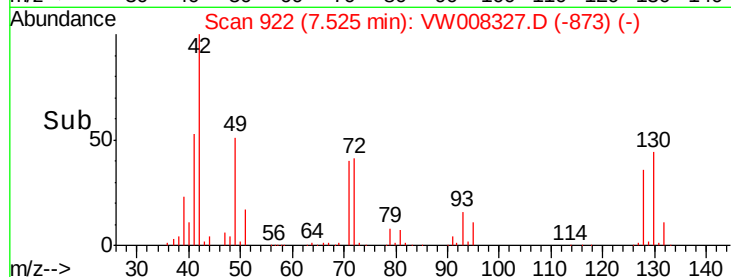
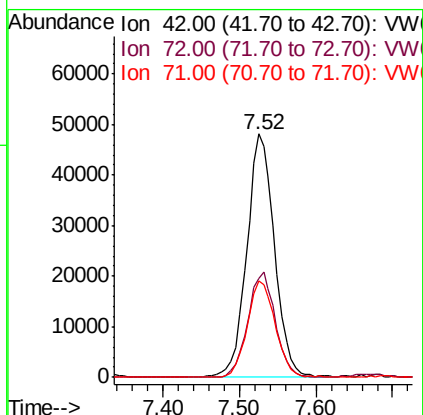
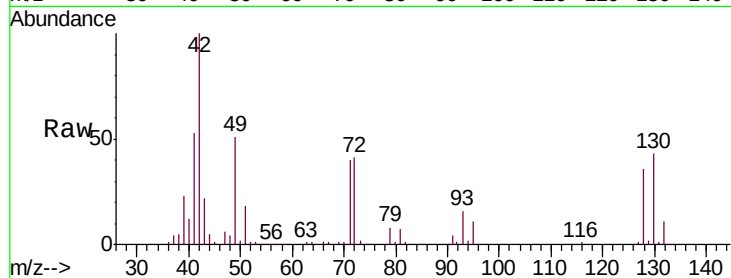




#29
Tetrahydrofuran
Concen: 528.352 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

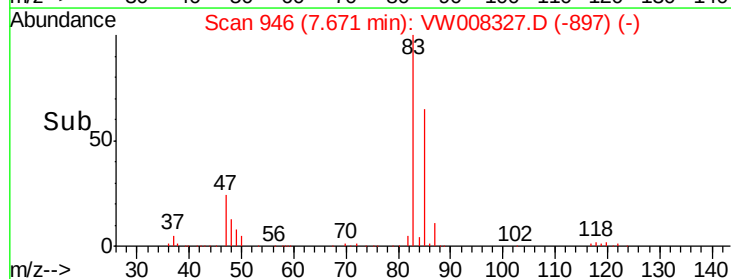
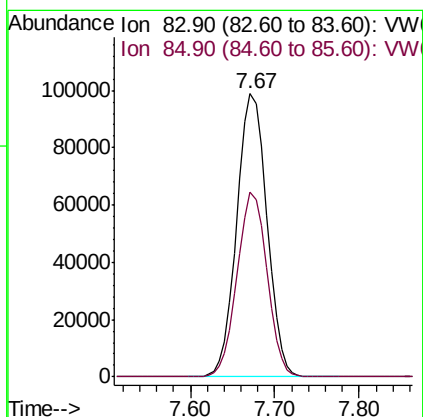
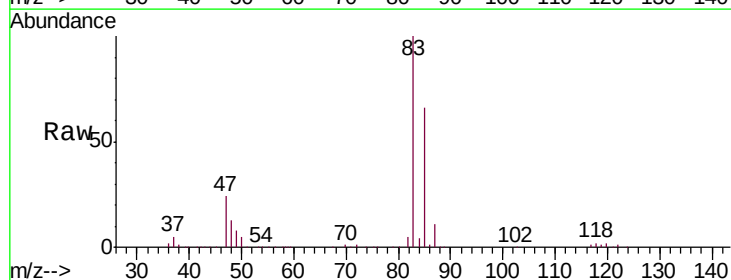
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

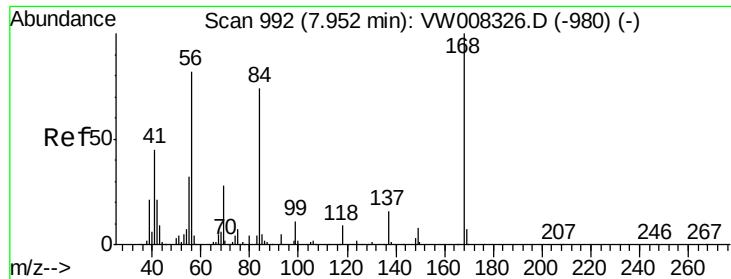
Tgt Ion: 42 Resp: 121529
Ion Ratio Lower Upper
42 100
72 42.9 34.0 51.0
71 40.2 32.0 48.0



#30
Chloroform
Concen: 99.740 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 83 Resp: 239951
Ion Ratio Lower Upper
83 100
85 65.5 50.2 75.2

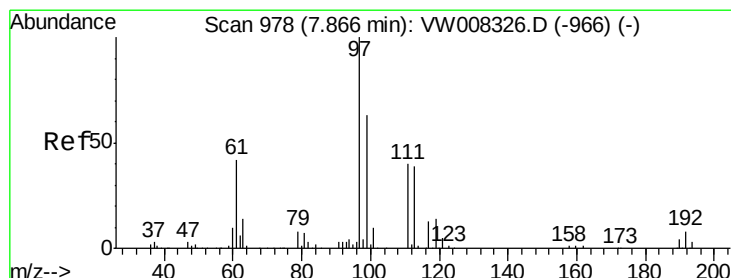
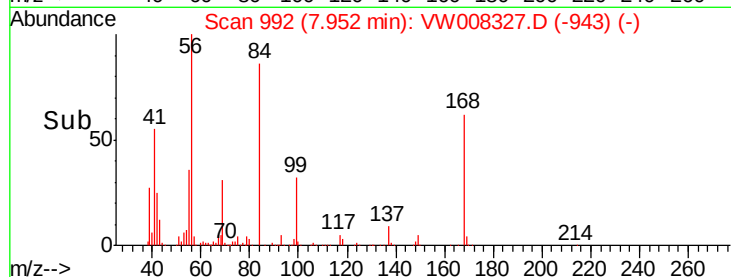
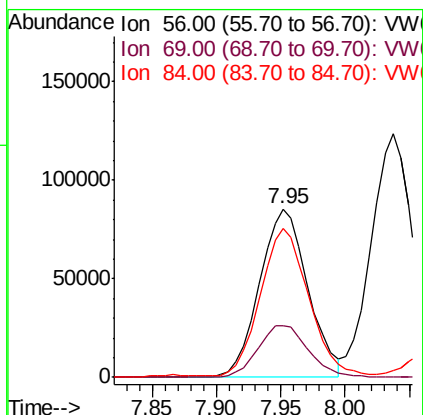
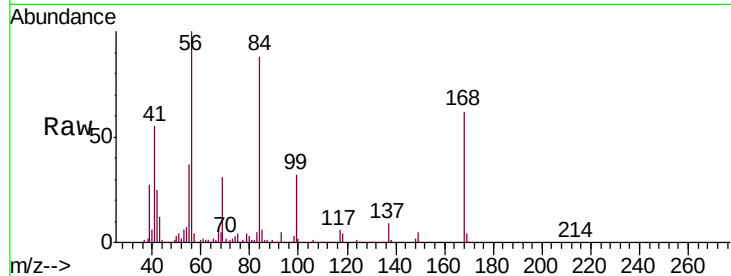




#31
Cyclohexane
Concen: 95.752 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

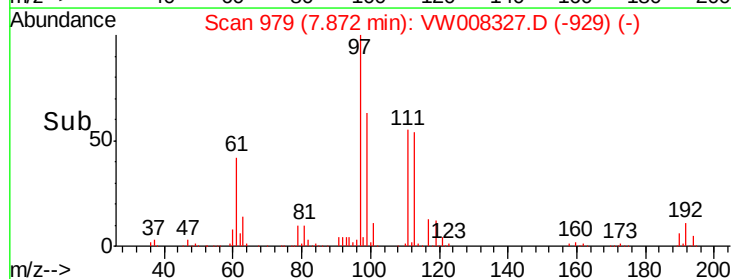
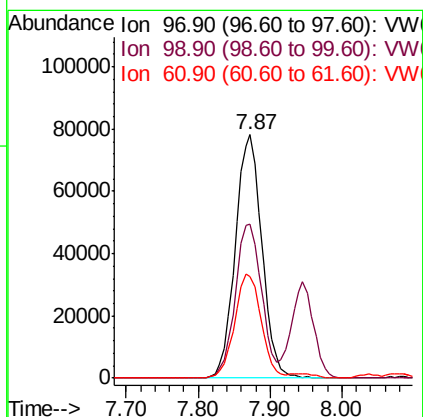
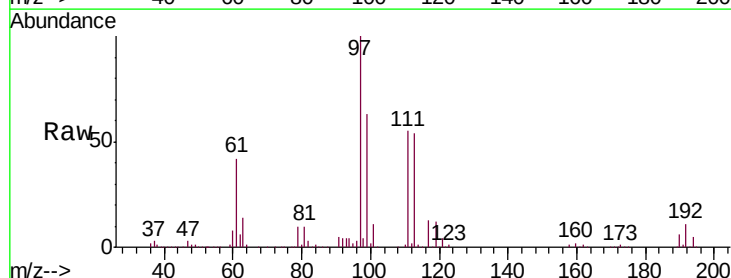
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

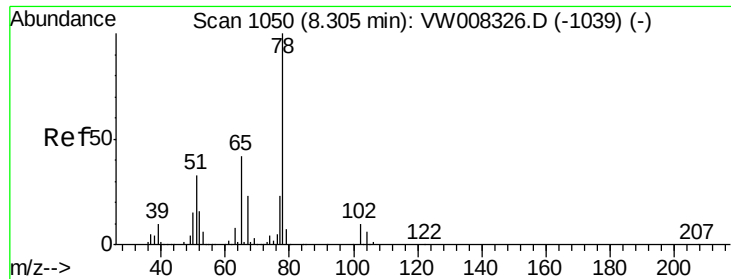
Tgt Ion: 56 Resp: 221831
Ion Ratio Lower Upper
56 100
69 30.8 27.0 40.6
84 87.2 72.5 108.7



#32
1,1,1-Trichloroethane
Concen: 99.088 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 97 Resp: 200063
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 42.7 34.0 51.0

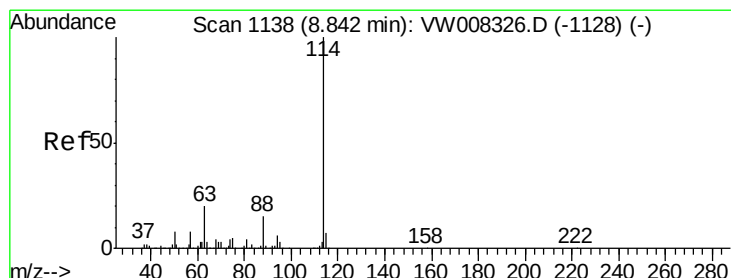
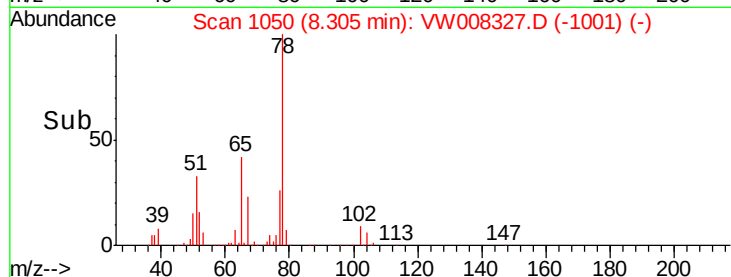
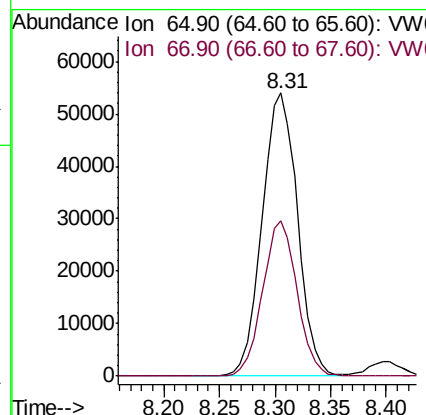
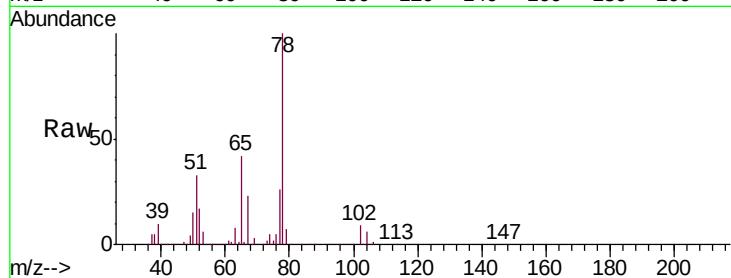




#33
 1,2-Dichloroethane-d4
 Concen: 96.368 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

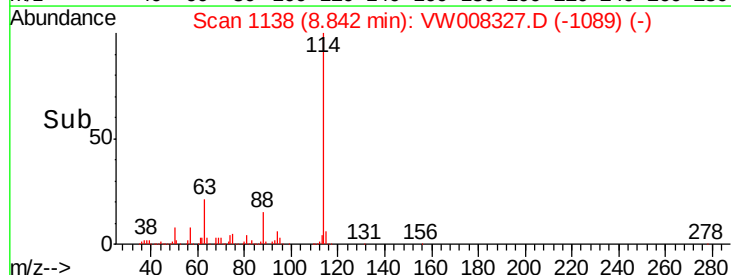
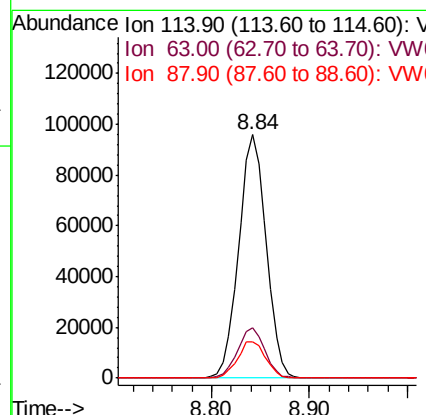
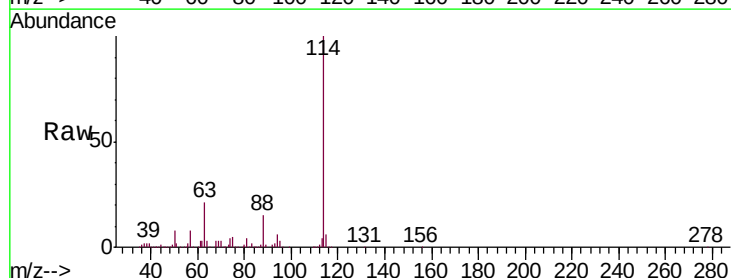
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

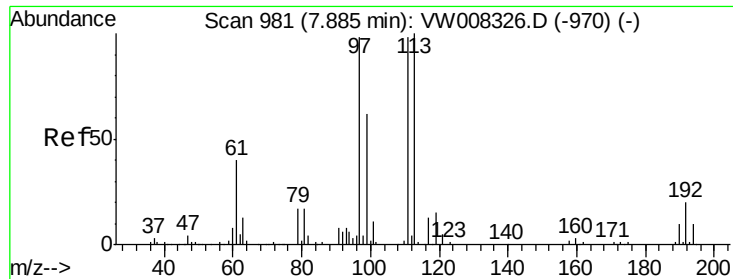
Tgt Ion: 65 Resp: 119536
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 114 Resp: 186560
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.1 0.0 30.4

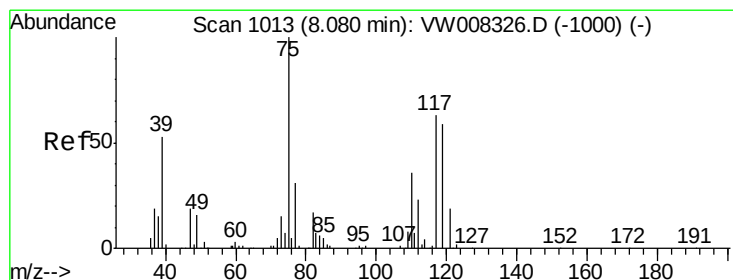
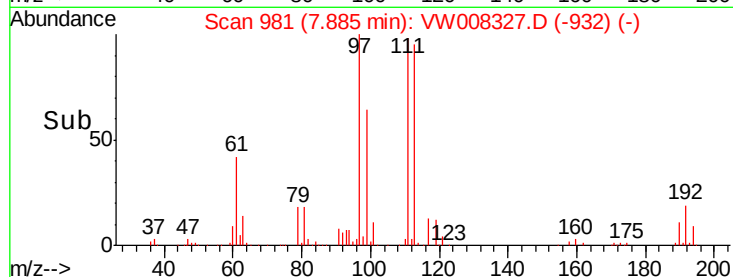
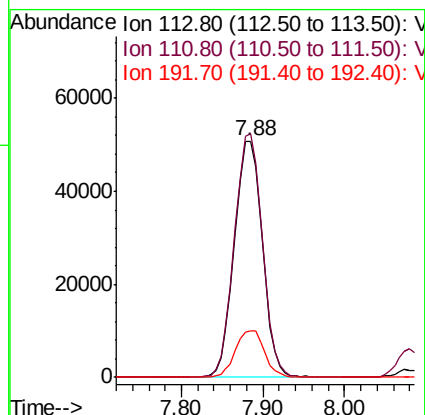
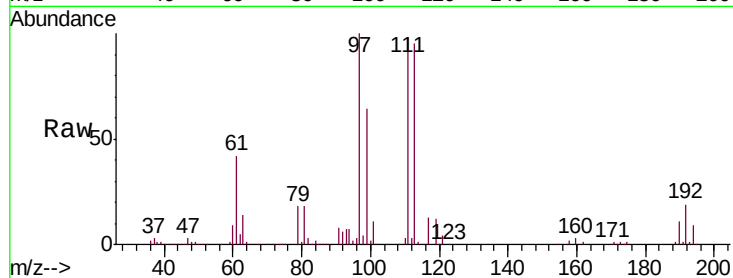




#35
 Dibromofluoromethane
 Concen: 101.443 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

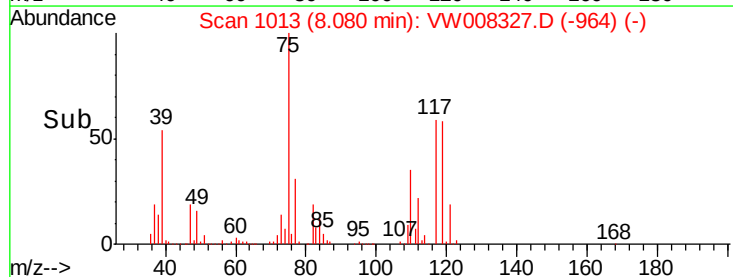
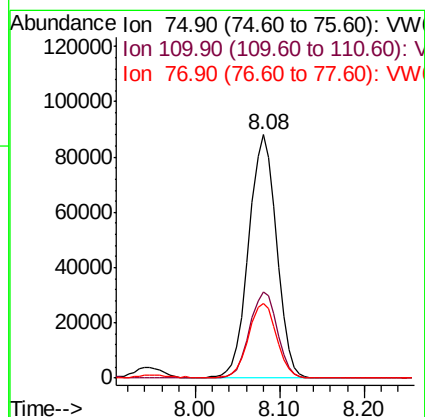
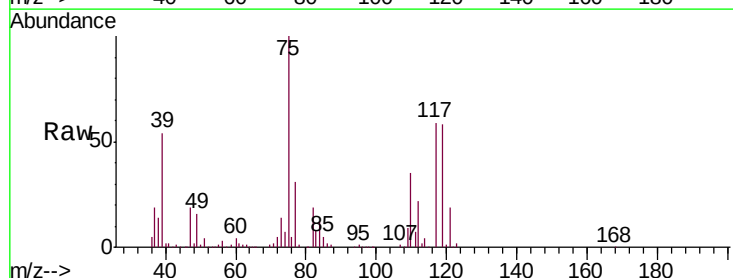
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

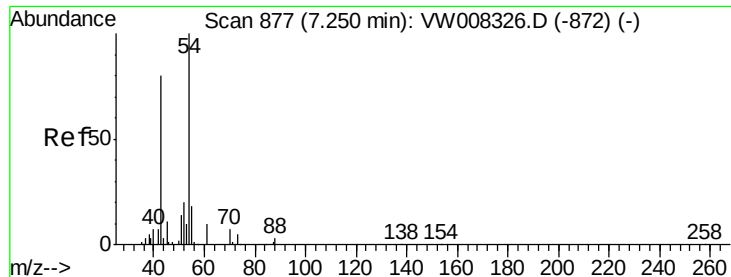
Tgt Ion: 113 Resp: 120806
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 20.4 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 104.758 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 75 Resp: 196626
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.5 52.6
 77 31.4 25.0 37.6

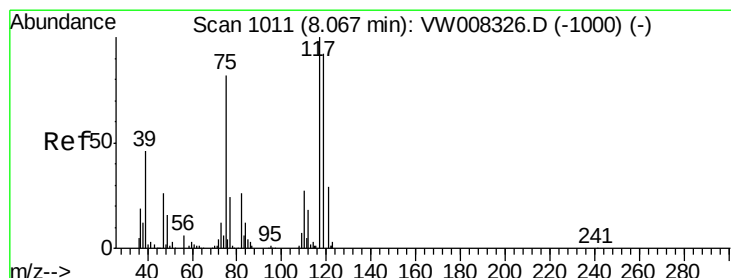
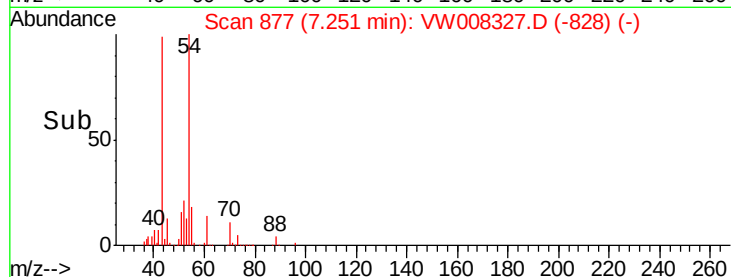
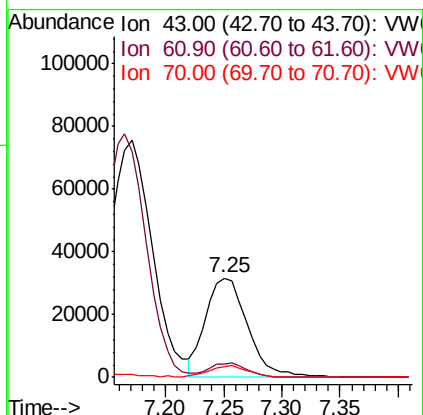
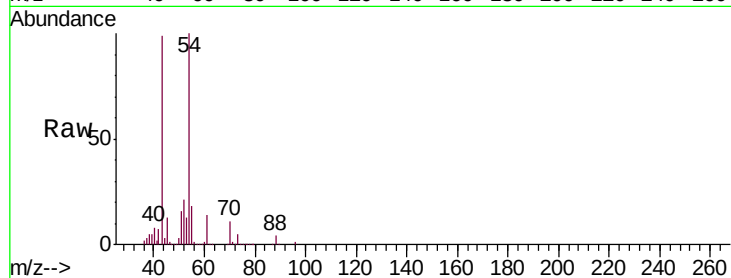




#37
Ethyl Acetate
Concen: 101.241 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

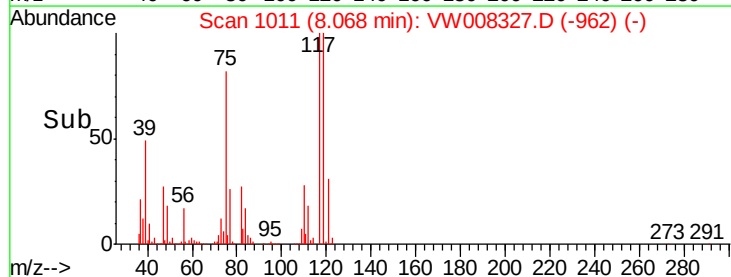
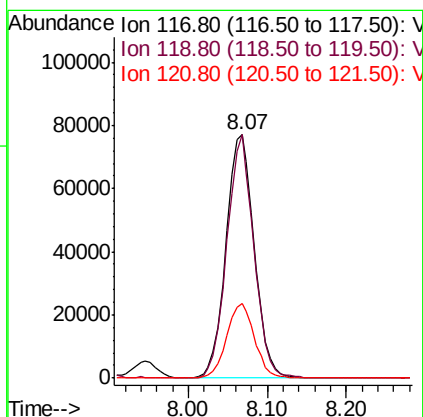
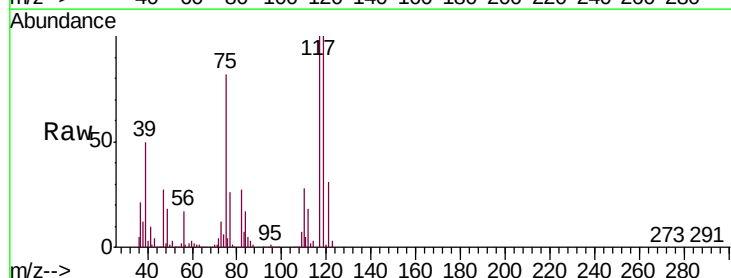
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

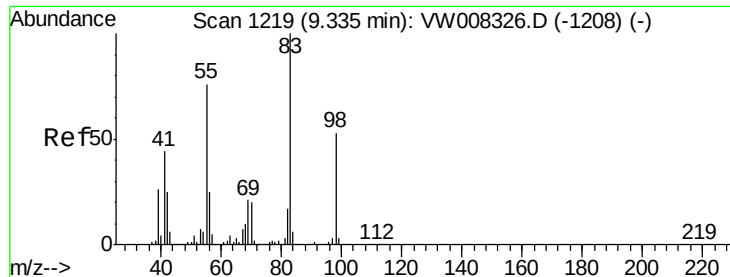
Tgt Ion: 43 Resp: 78362
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 103.425 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 117 Resp: 191689
Ion Ratio Lower Upper
117 100
119 100.0 73.8 110.6
121 30.8 23.4 35.0

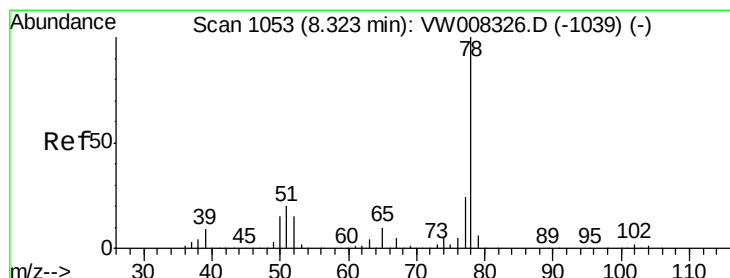
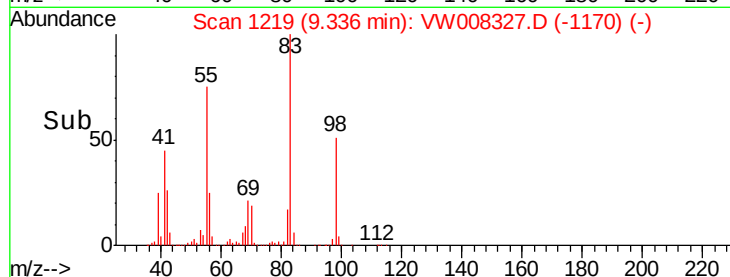
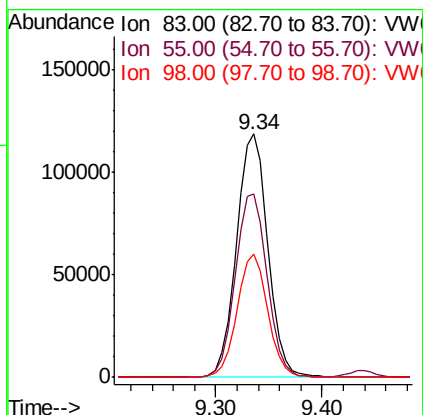
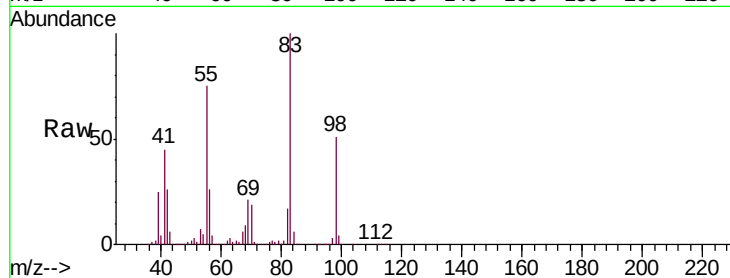




#39
Methylcyclohexane
Concen: 109.950 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

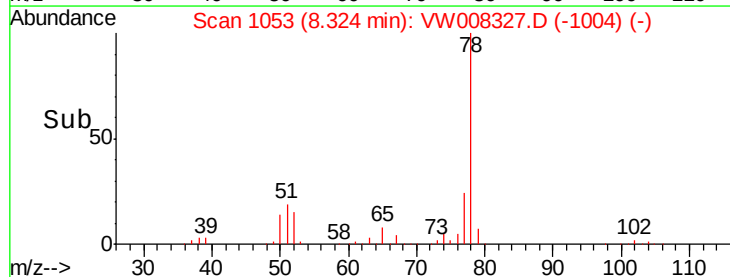
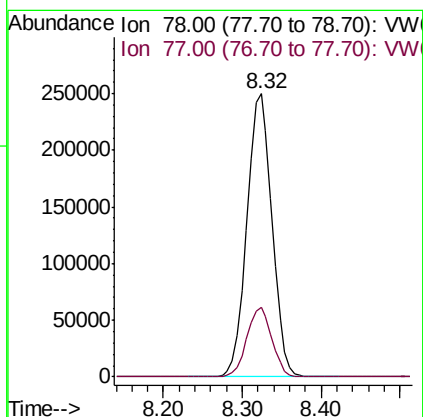
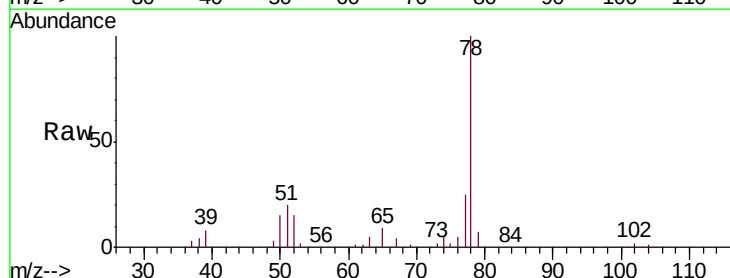
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

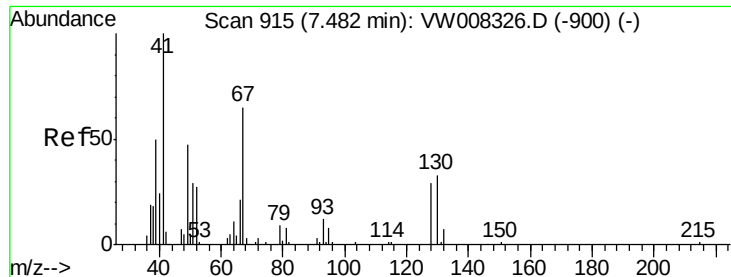
Tgt Ion: 83 Resp: 245477
Ion Ratio Lower Upper
83 100
55 75.0 61.1 91.7
98 50.5 42.5 63.7



#40
Benzene
Concen: 103.649 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 78 Resp: 551084
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

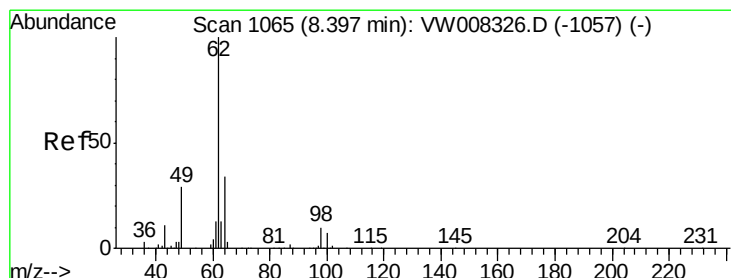
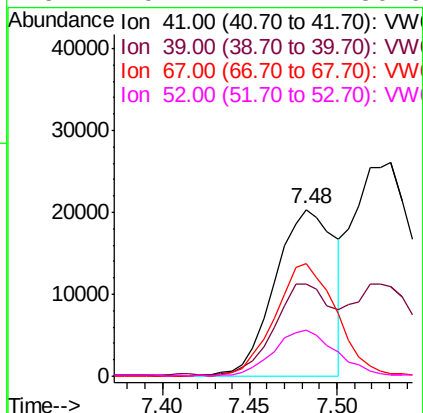
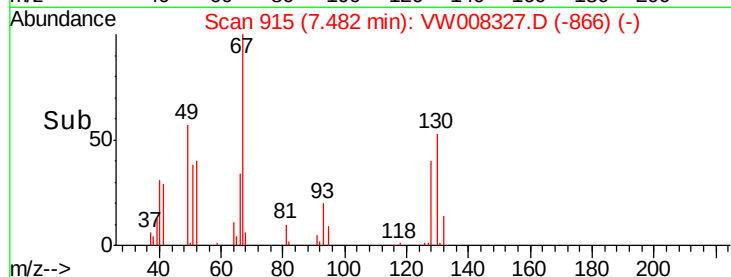
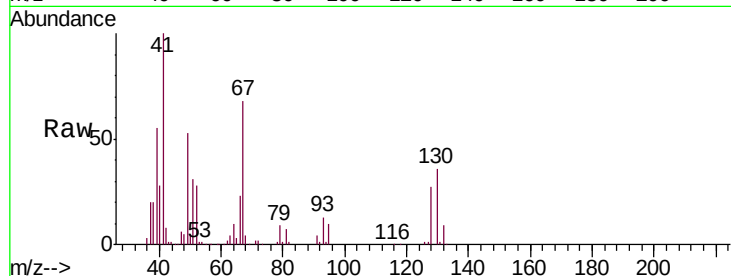




#41
Methacrylonitrile
Concen: 108.096 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

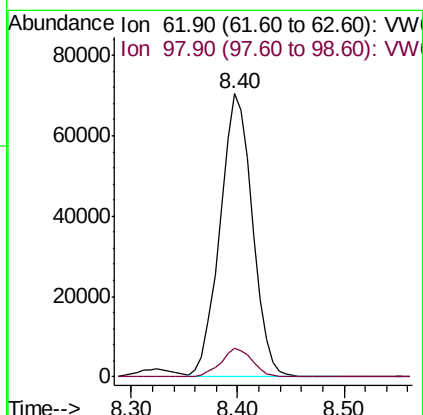
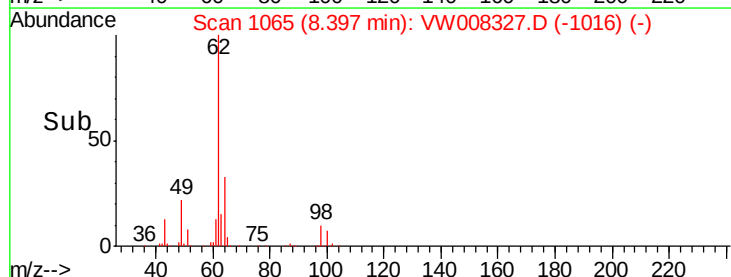
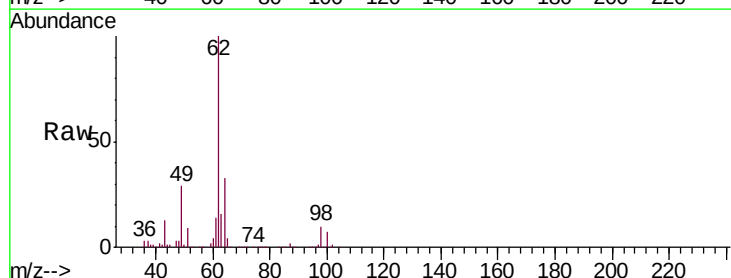
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

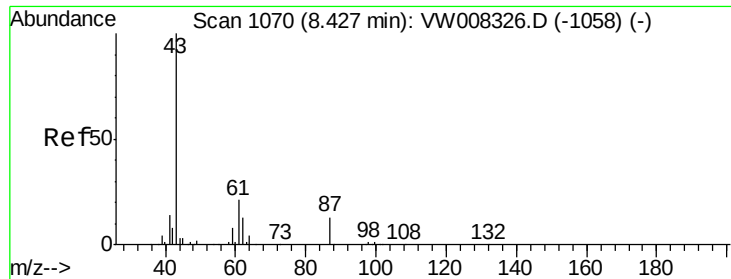
Tgt Ion:	41	Resp:	48706
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.9	67.3
67	70.0	56.9	85.3
52	29.4	24.4	36.6



#42
1,2-Dichloroethane
Concen: 100.687 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion:	62	Resp:	149693
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 107.811 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

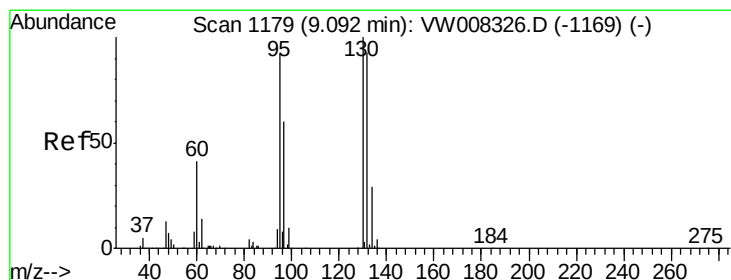
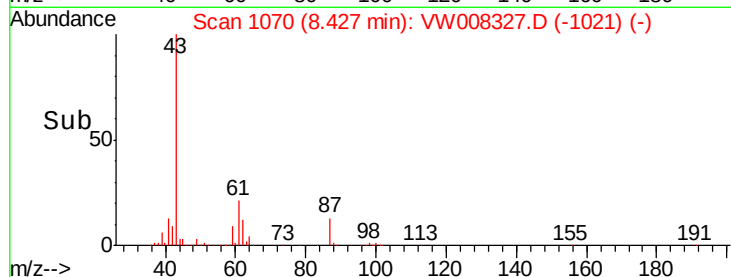
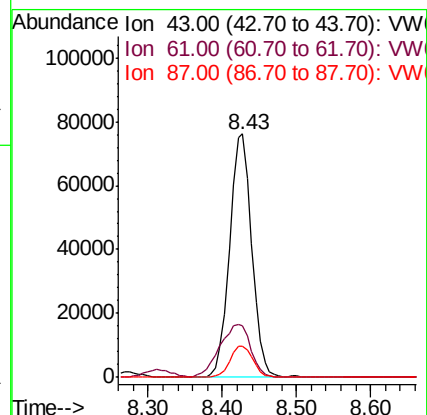
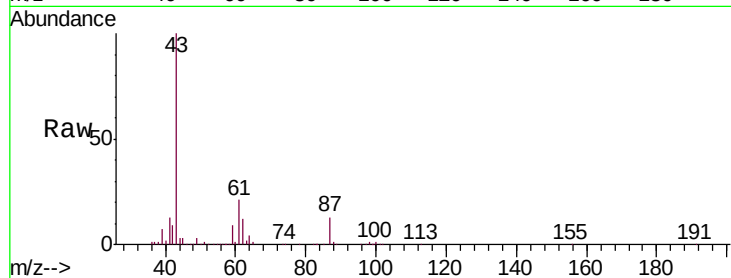
Tgt Ion: 43 Resp: 157625

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 104.008 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008327.D

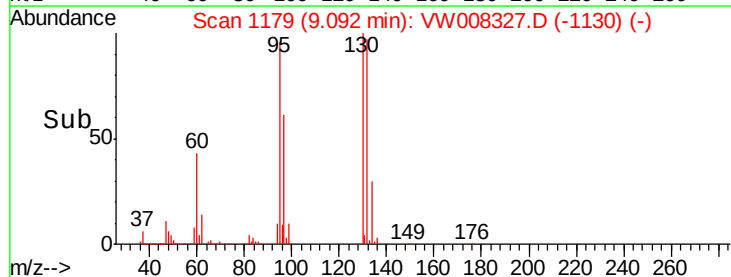
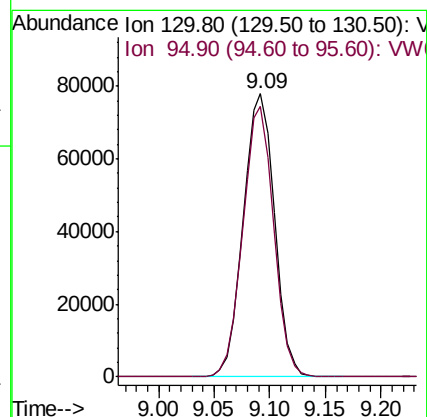
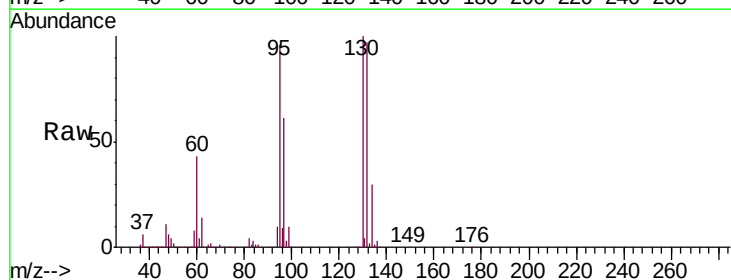
Acq: 17 Jan 2019 14:31

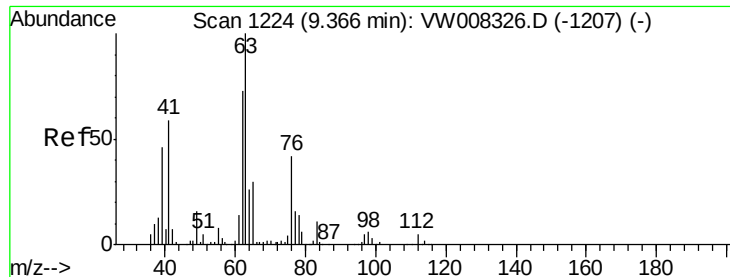
Tgt Ion: 130 Resp: 151504

Ion Ratio Lower Upper

130 100

95 95.6 0.0 184.8

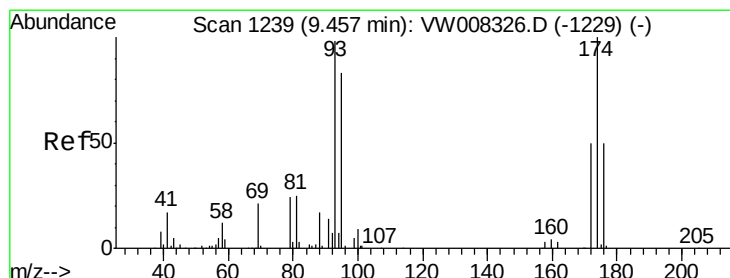
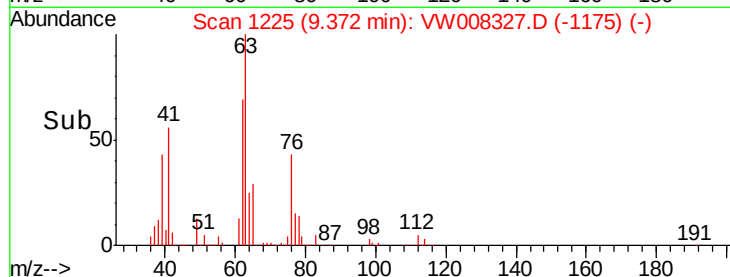
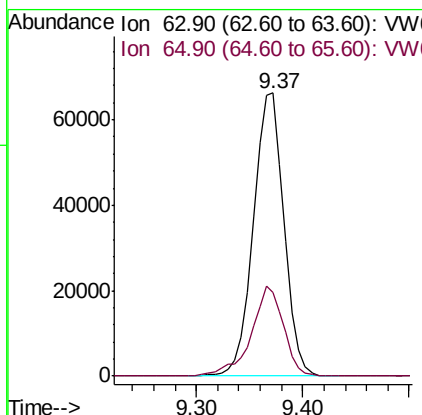
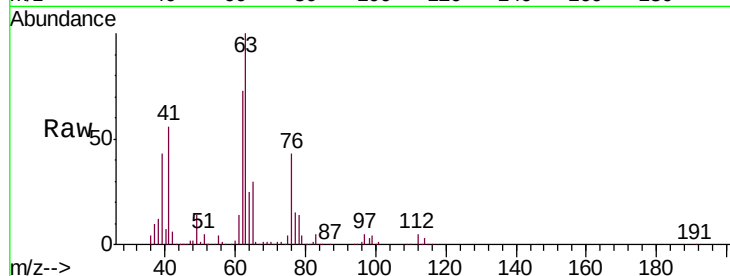




#45
 1,2-Dichloropropane
 Concen: 101.271 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

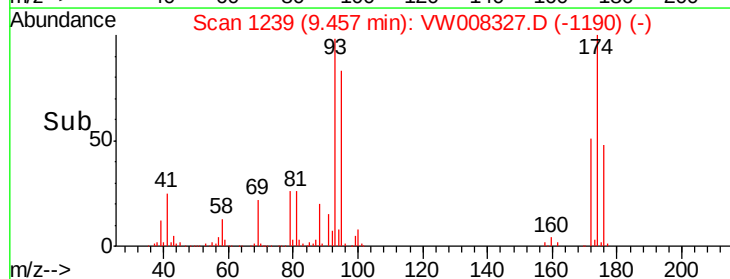
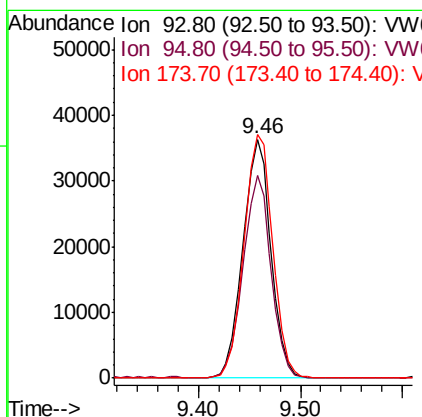
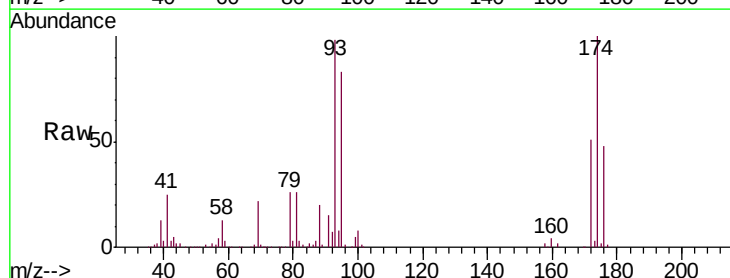
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

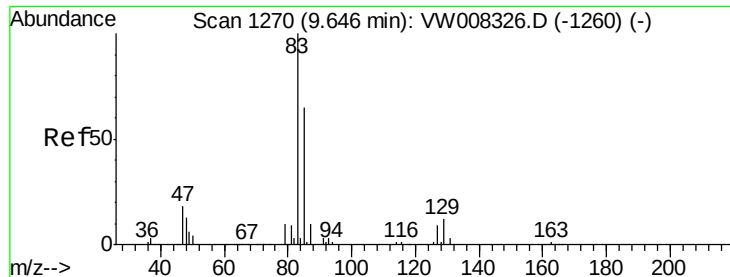
Tgt Ion: 63 Resp: 133747
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.9 35.9



#46
 Dibromomethane
 Concen: 100.875 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 93 Resp: 69435
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.8 101.8
 174 104.9 84.4 126.6





#47

Bromodichloromethane

Concen: 104.246 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

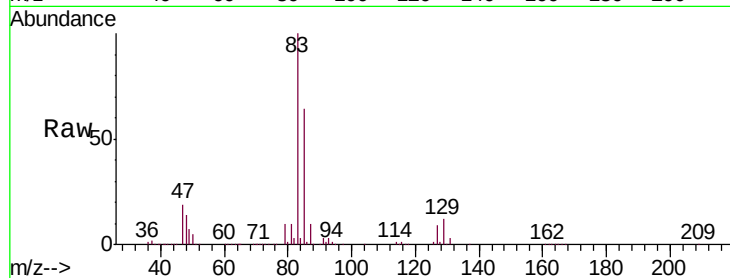
Tgt Ion: 83 Resp: 176997

Ion Ratio Lower Upper

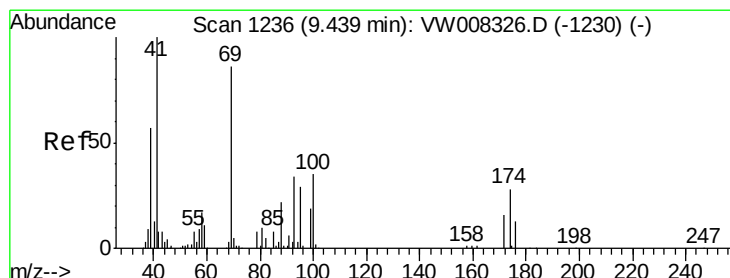
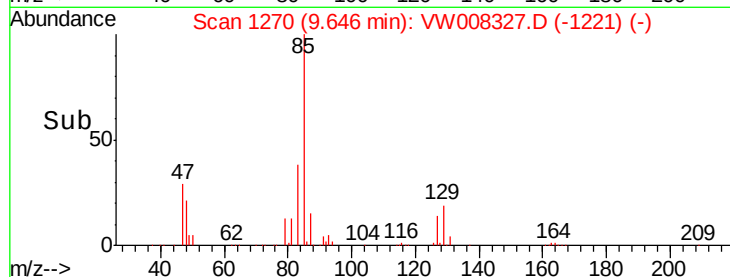
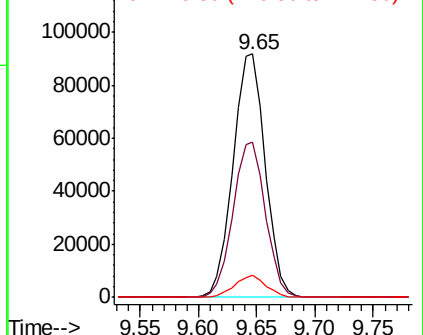
83 100

85 64.0 51.6 77.4

127 8.9 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: 111.787 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

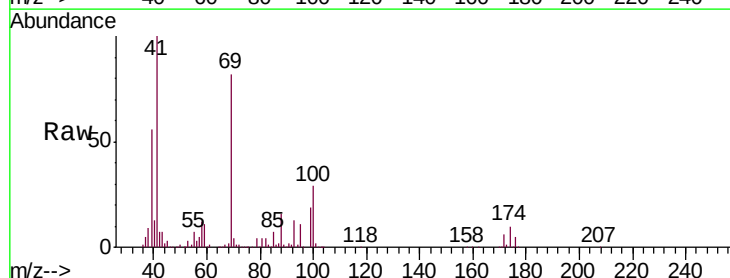
Tgt Ion: 41 Resp: 76940

Ion Ratio Lower Upper

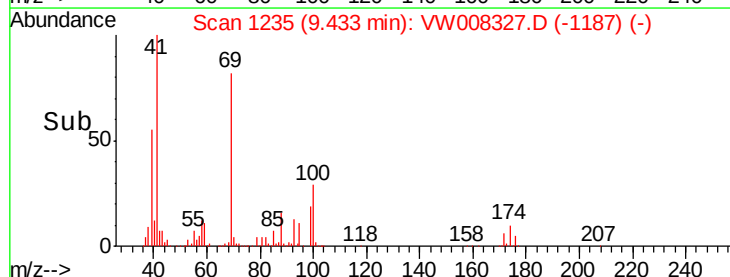
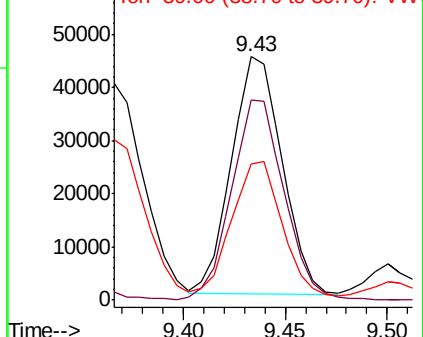
41 100

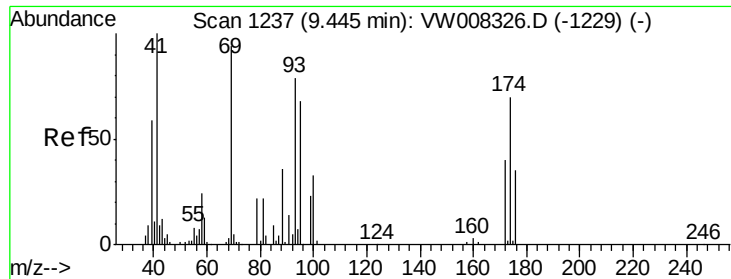
69 87.3 68.2 102.4

39 56.0 46.0 69.0



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

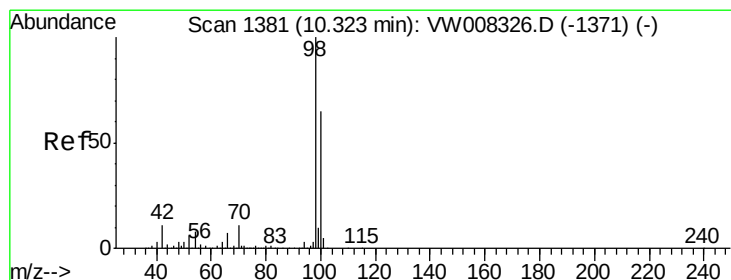
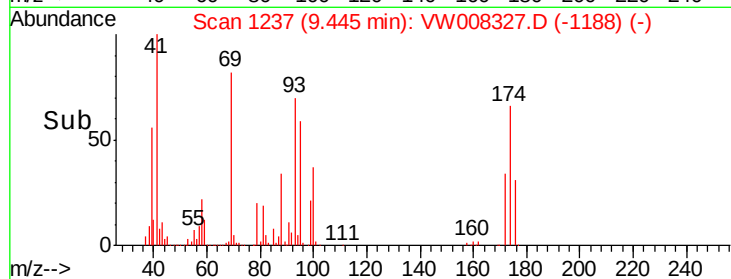
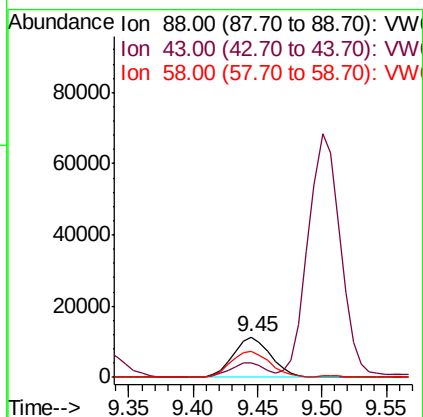
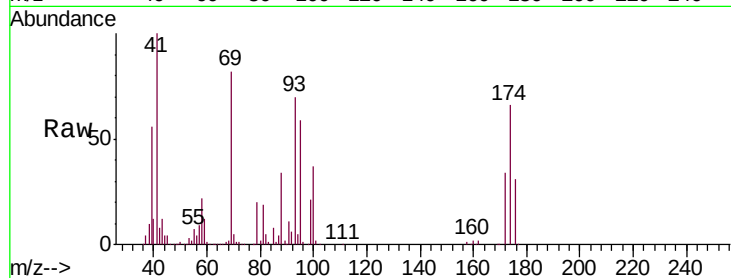




#49
1,4-Dioxane
Concen: 2054.734 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

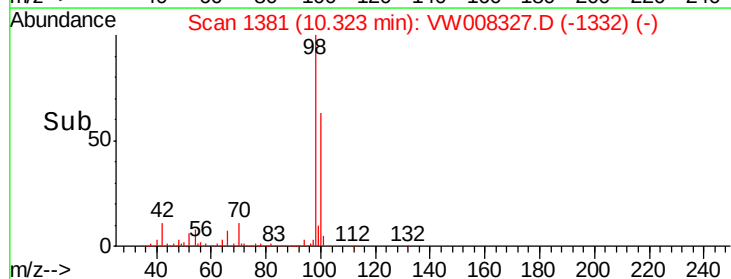
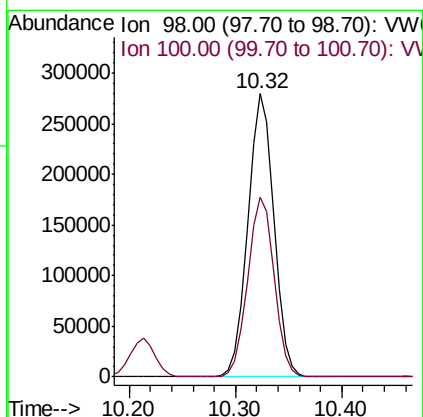
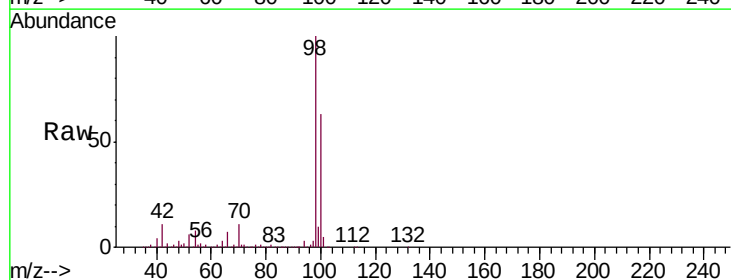
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

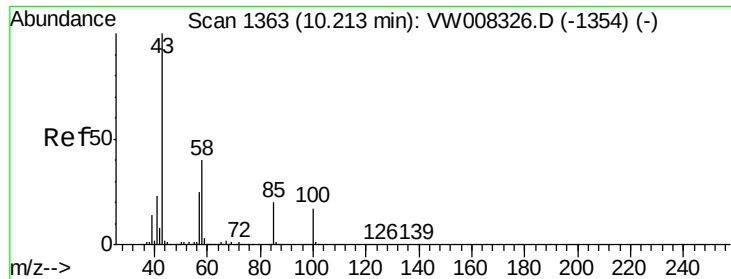
Tgt Ion: 88 Resp: 22768
Ion Ratio Lower Upper
88 100
43 32.6 27.1 40.7
58 68.4 57.9 86.9



#50
Toluene-d8
Concen: 102.845 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 98 Resp: 481153
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

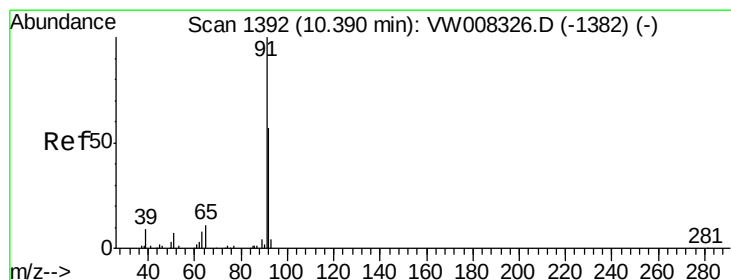
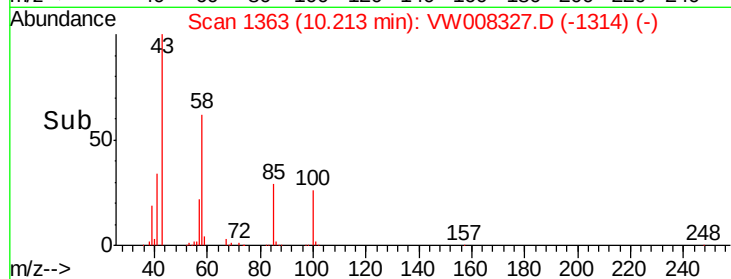
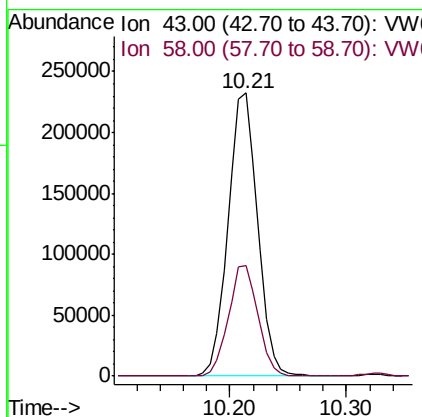
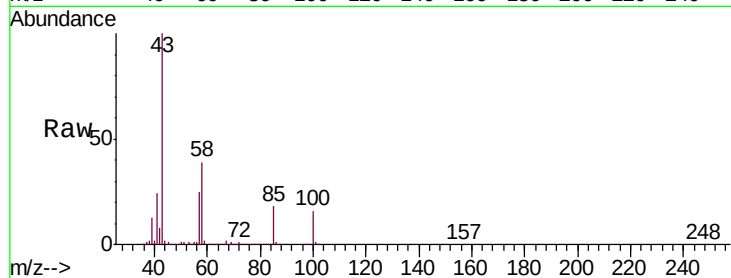




#51
 4-Methyl-2-Pentanone
 Concen: 552.365 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

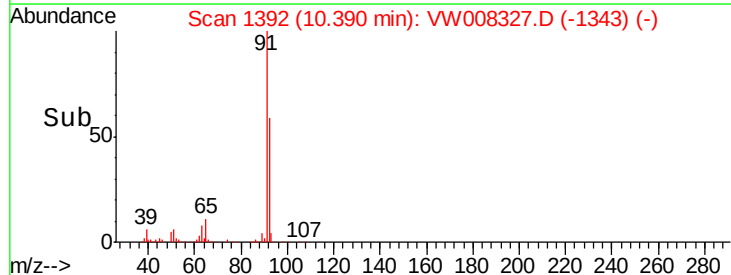
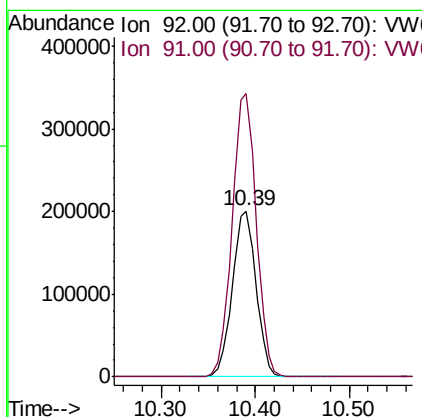
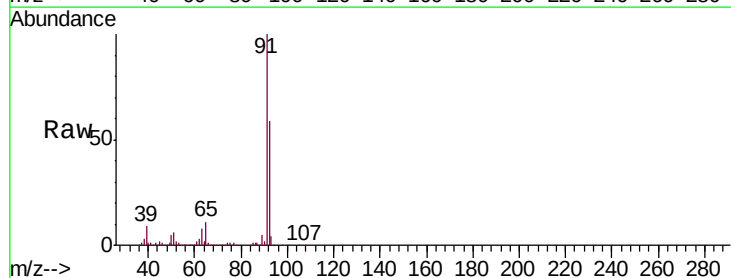
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

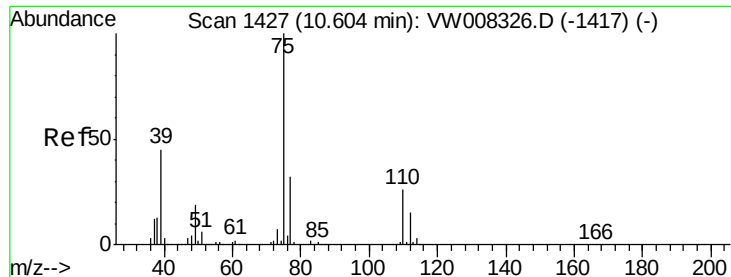
Tgt Ion: 43 Resp: 408927
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.4 47.0



#52
 Toluene
 Concen: 103.959 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 92 Resp: 349792
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 107.602 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

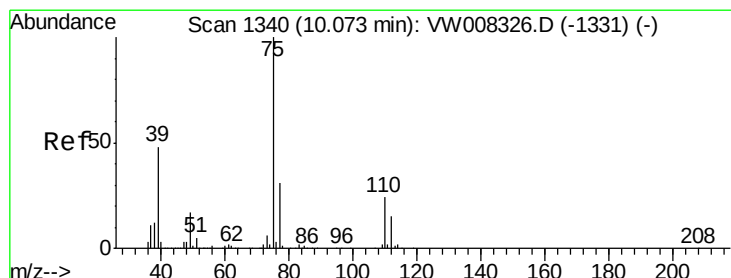
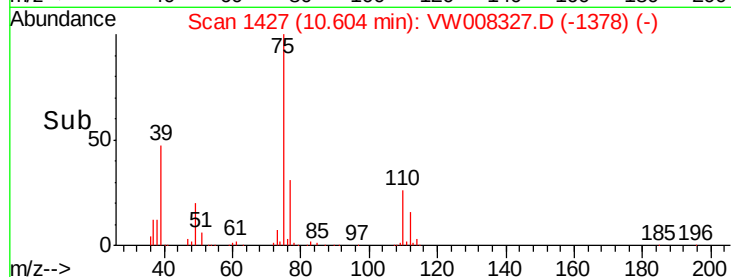
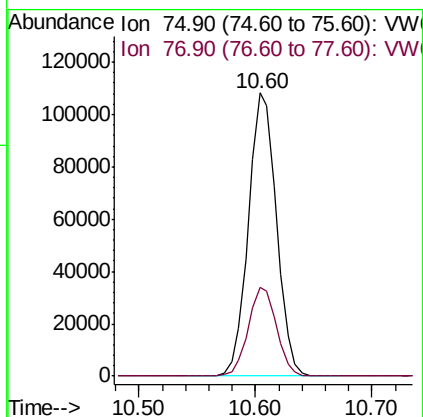
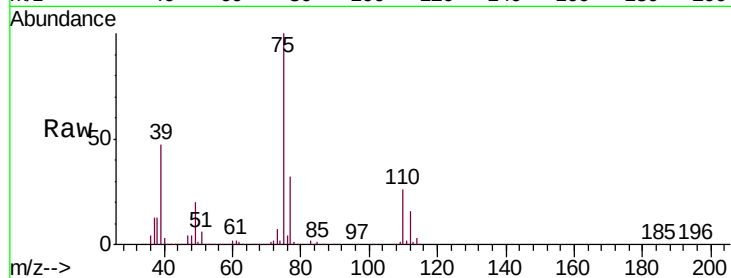
VSTDICC100

Tgt Ion: 75 Resp: 182342

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 107.223 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

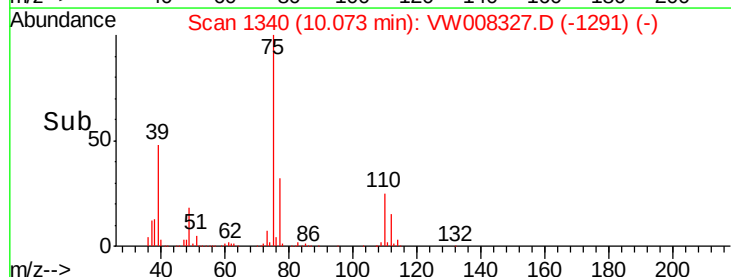
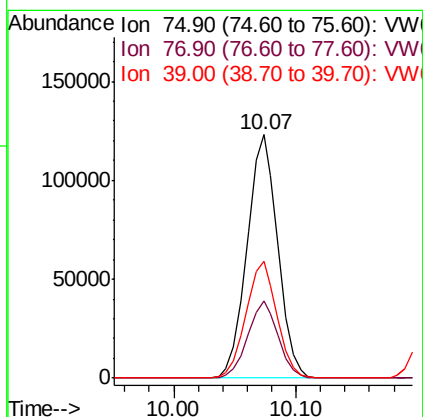
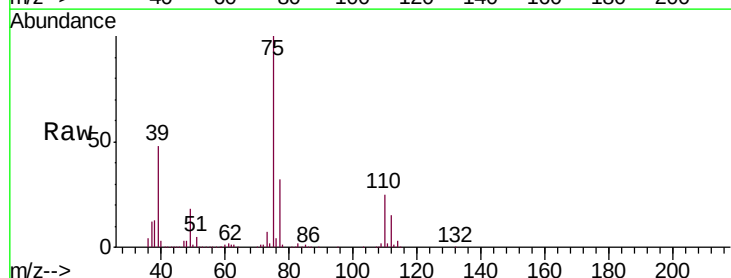
Tgt Ion: 75 Resp: 214195

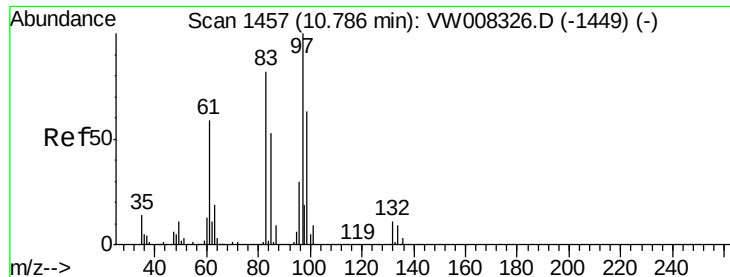
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

39 48.1 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 101.649 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 97046

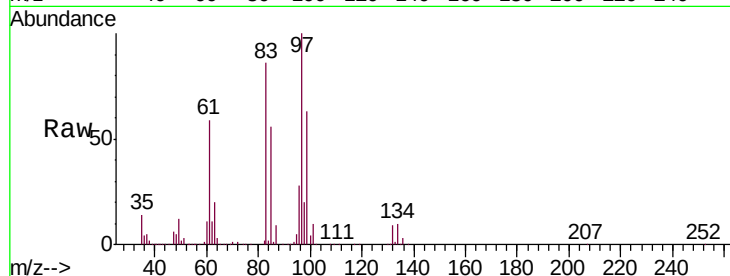
Ion Ratio Lower Upper

97 100

83 85.8 65.3 97.9

85 55.9 42.6 64.0

99 63.0 50.2 75.2



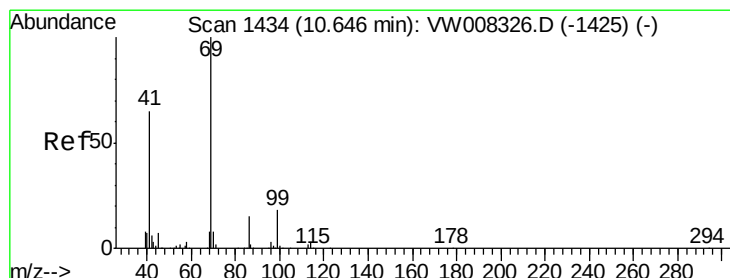
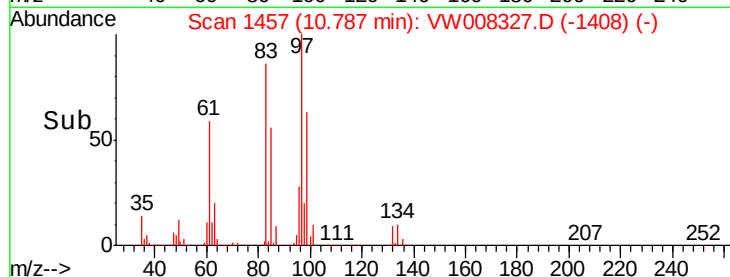
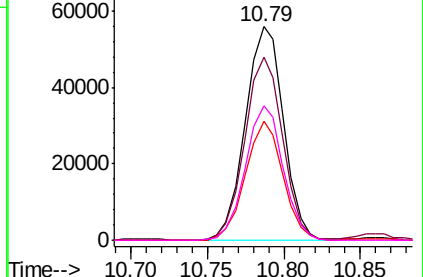
Abundance

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: 112.560 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

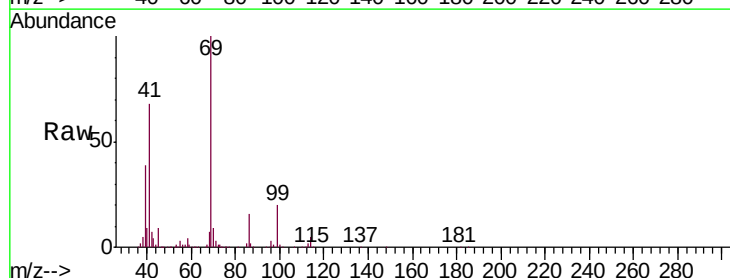
Tgt Ion: 69 Resp: 126205

Ion Ratio Lower Upper

69 100

41 66.8 52.9 79.3

39 34.6 28.4 42.6

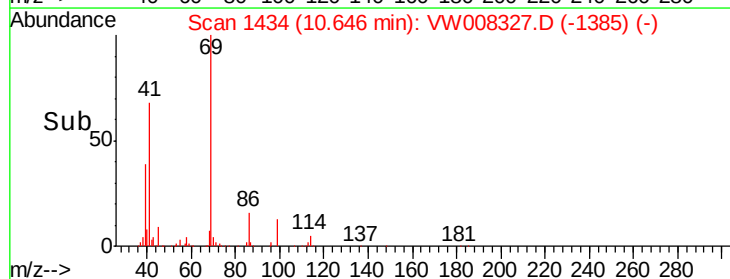
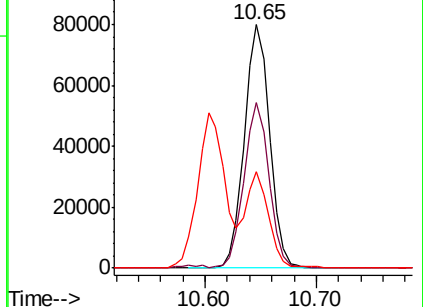


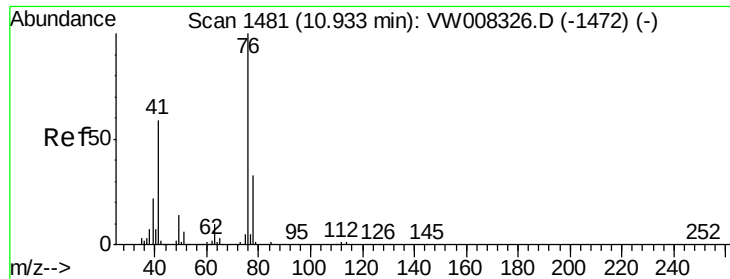
Abundance

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

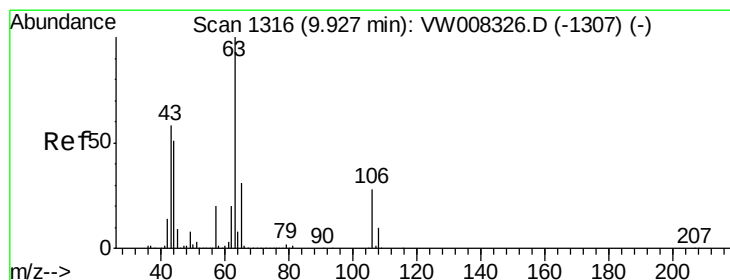
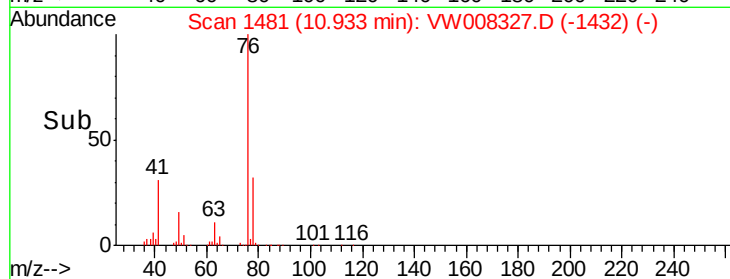
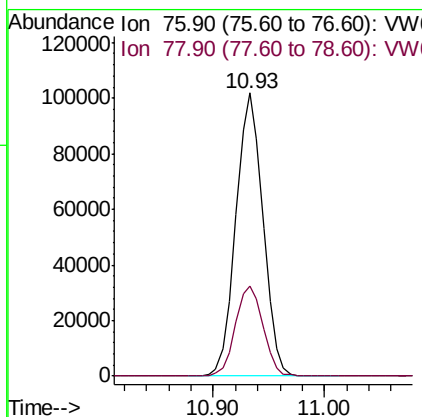
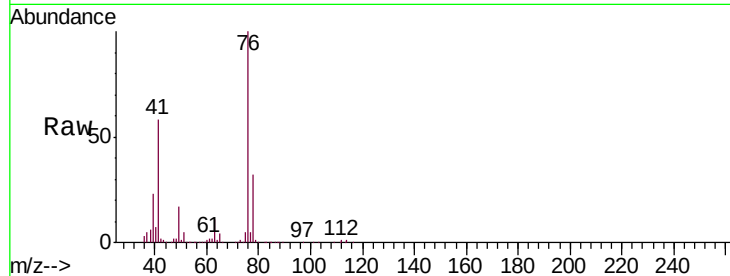




#57
 1,3-Dichloropropane
 Concen: 103.270 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

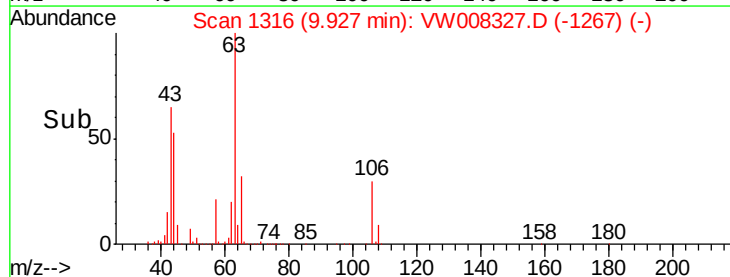
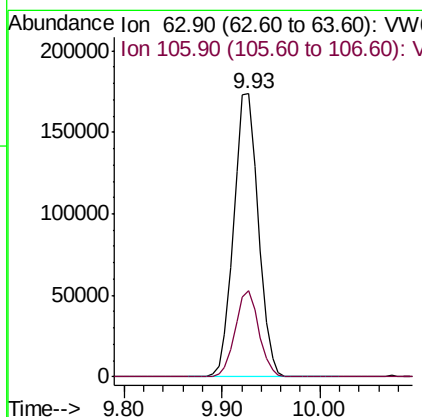
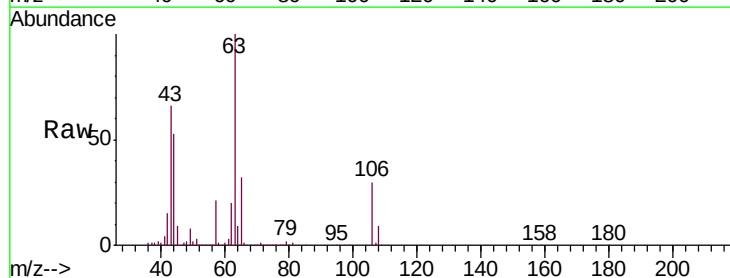
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

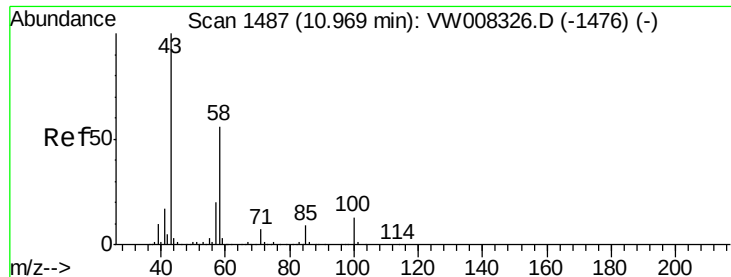
Tgt Ion: 76 Resp: 171189
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 561.941 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 63 Resp: 303915
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.9 34.3





#59

2-Hexanone

Concen: 567.451 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

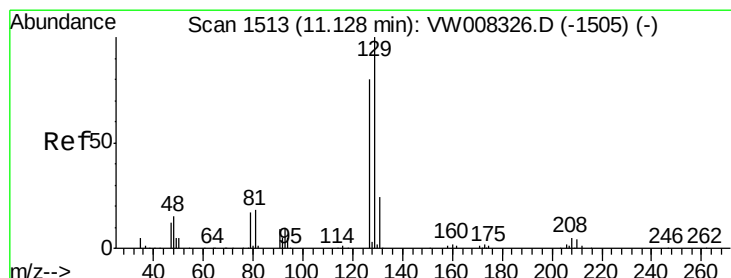
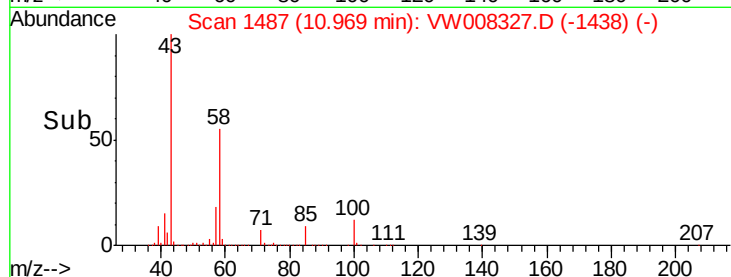
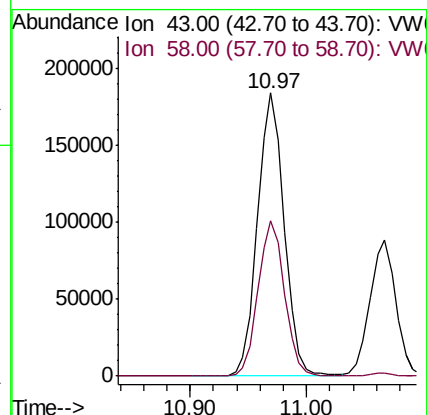
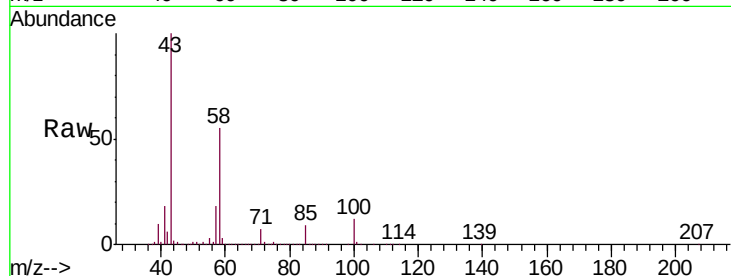
VSTDIC100

Tgt Ion: 43 Resp: 294345

Ion Ratio Lower Upper

43 100

58 54.7 27.5 82.5



#60

Dibromochloromethane

Concen: 106.299 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008327.D

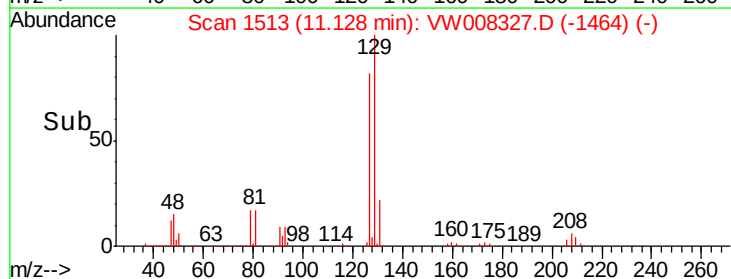
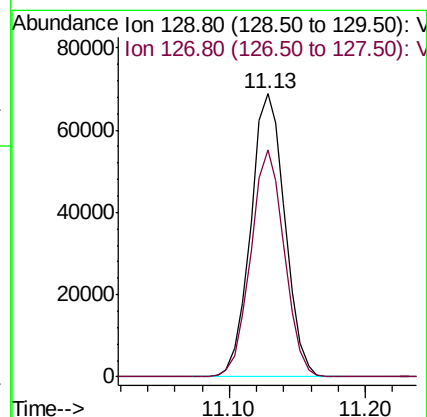
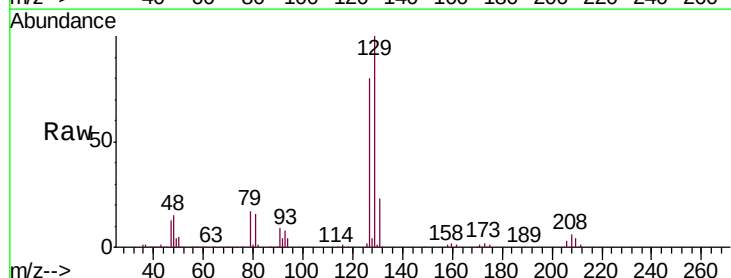
Acq: 17 Jan 2019 14:31

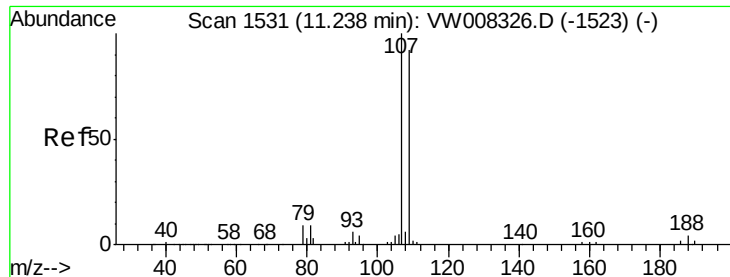
Tgt Ion: 129 Resp: 121120

Ion Ratio Lower Upper

129 100

127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 103.421 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

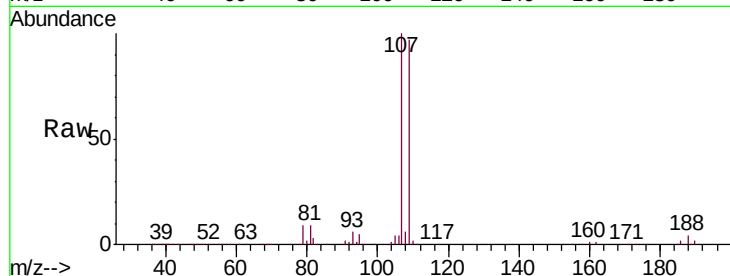
VSTDIC100

Tgt Ion: 107 Resp: 95612

Ion Ratio Lower Upper

107 100

109 97.2 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

60000

50000

40000

30000

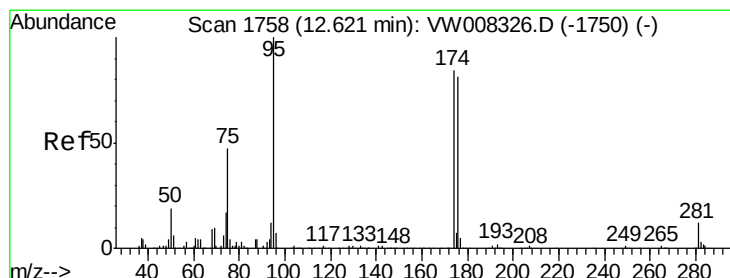
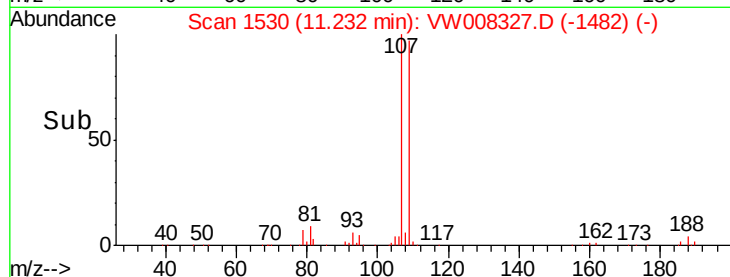
20000

10000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 97.241 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

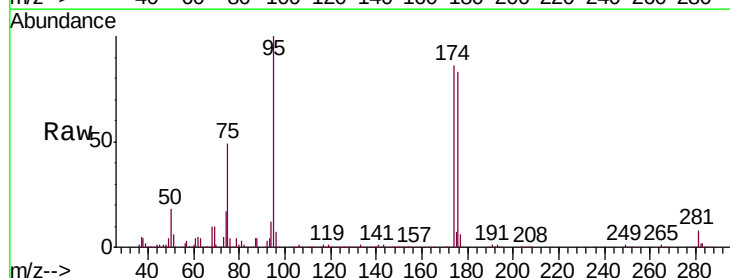
Tgt Ion: 95 Resp: 163162

Ion Ratio Lower Upper

95 100

174 85.6 0.0 166.0

176 82.3 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

12.62

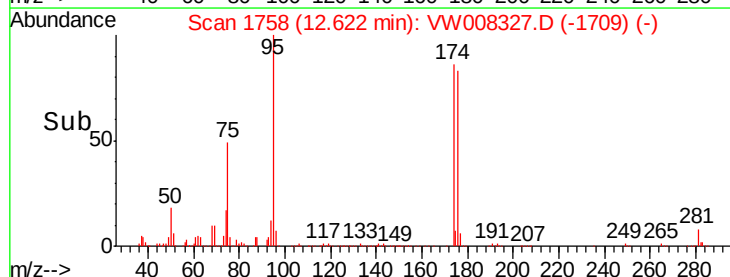
100000

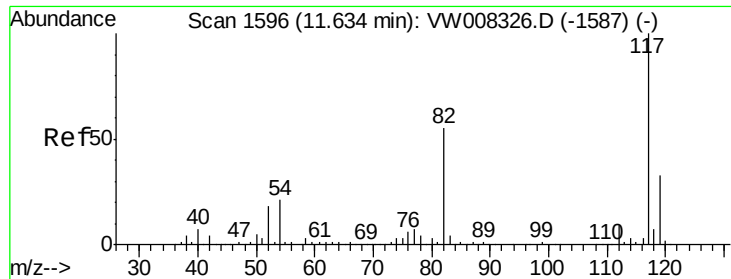
50000

0

Time-->

12.60 12.70

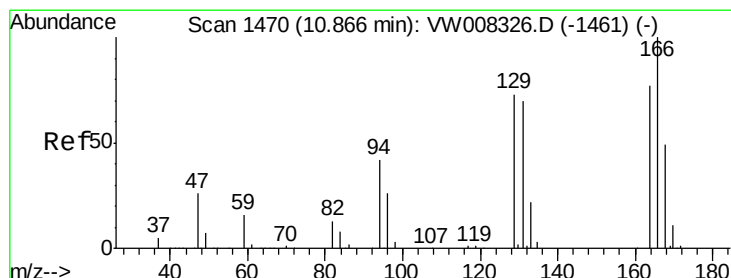
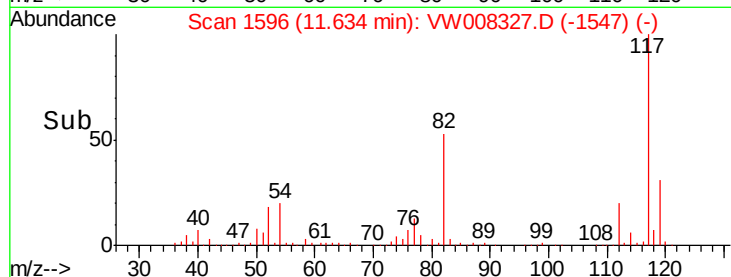
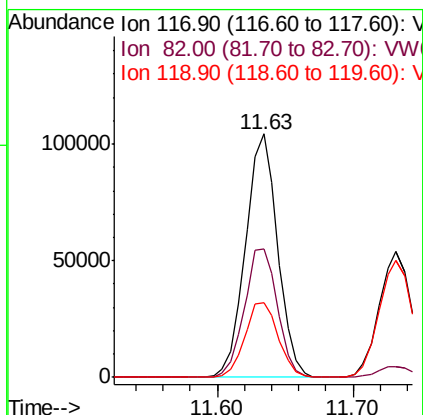
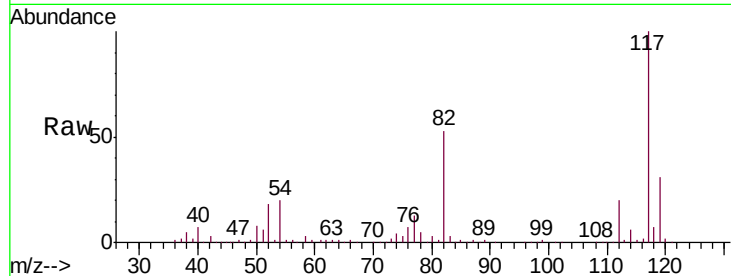




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

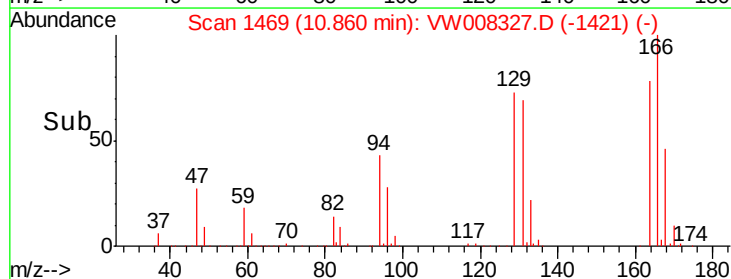
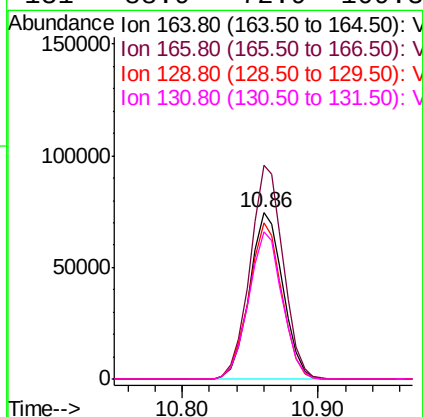
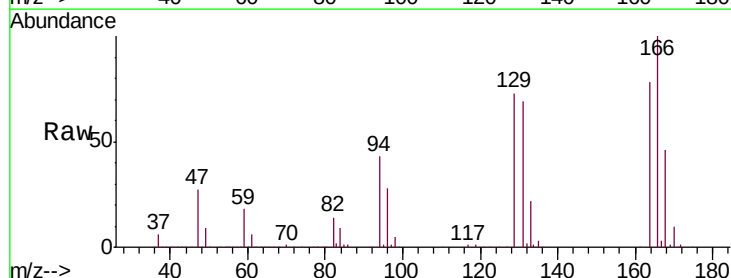
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

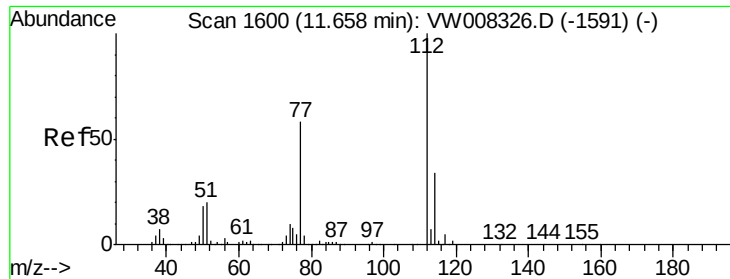
Tgt Ion:117 Resp: 172469
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 30.6 26.3 39.5



#64
Tetrachloroethene
Concen: 105.920 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion:164 Resp: 128092
Ion Ratio Lower Upper
164 100
166 128.8 103.4 155.2
129 94.0 75.0 112.6
131 88.9 72.9 109.3

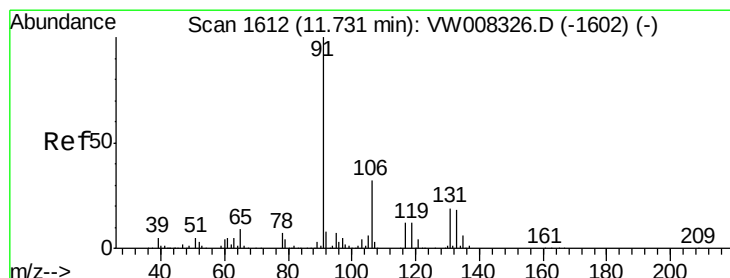
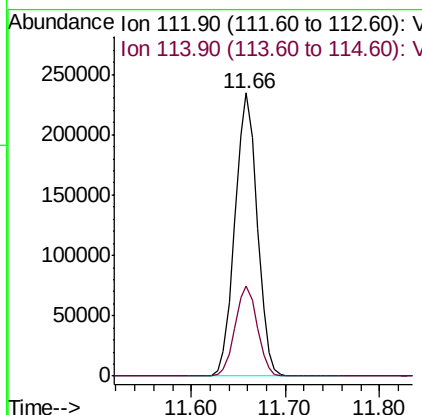
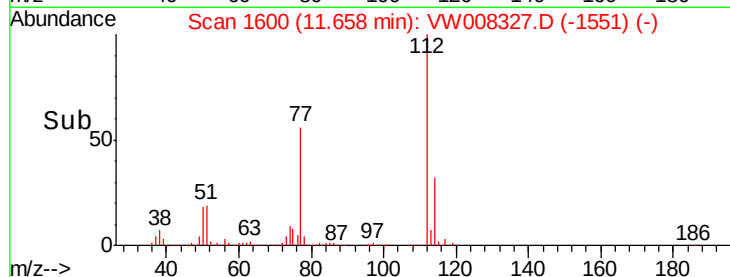
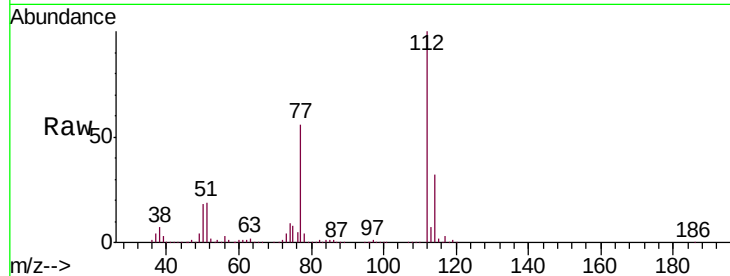




#65
Chlorobenzene
Concen: 102.338 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

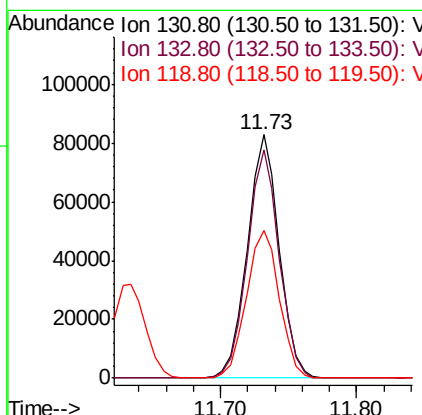
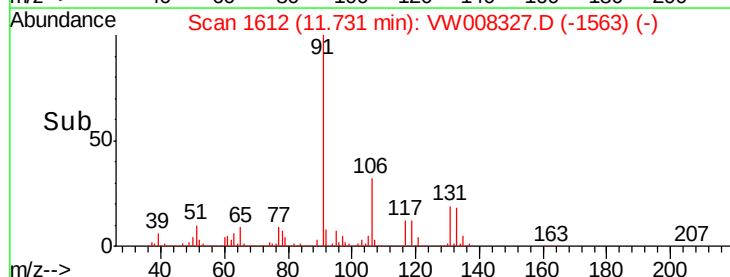
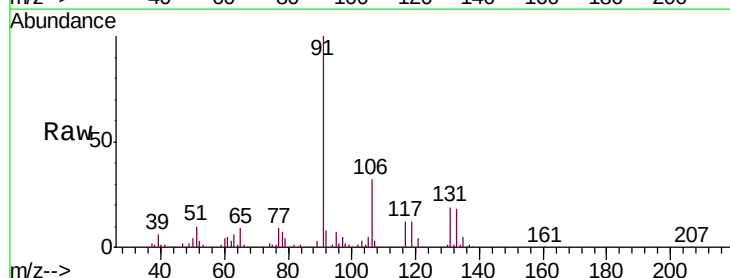
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

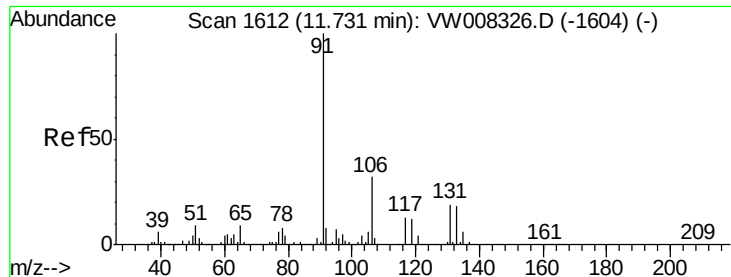
Tgt Ion:112 Resp: 384990
Ion Ratio Lower Upper
112 100
114 31.7 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 104.422 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion:131 Resp: 135202
Ion Ratio Lower Upper
131 100
133 94.0 48.2 144.6
119 63.3 31.6 94.7

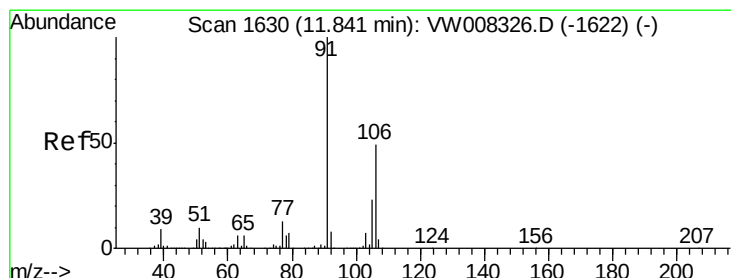
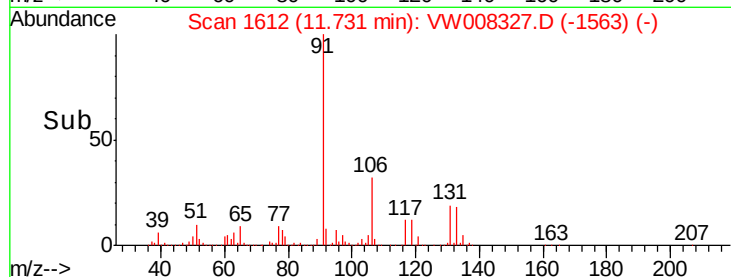
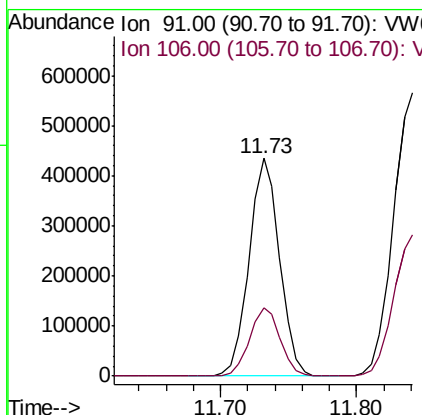
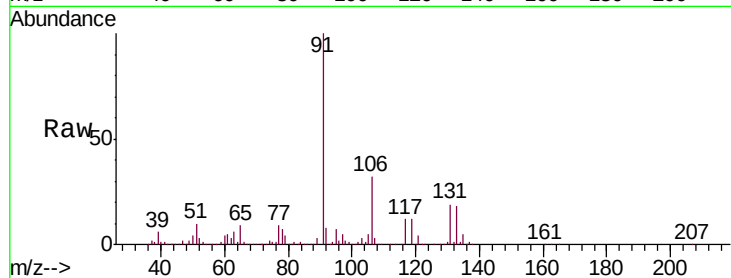




#67
Ethyl Benzene
Concen: 104.397 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

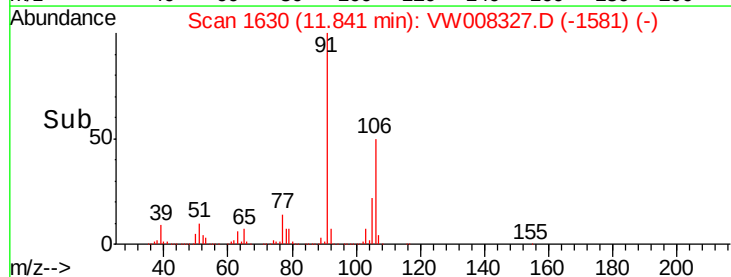
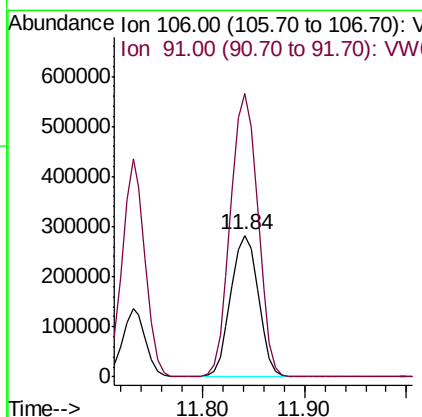
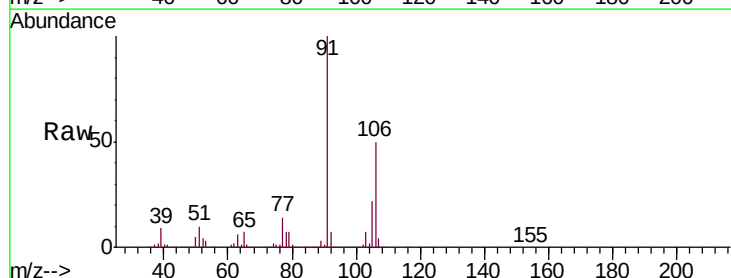
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

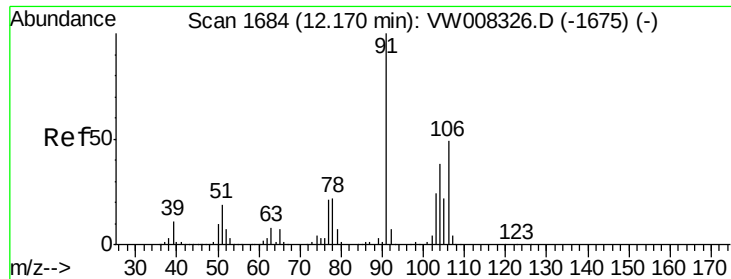
Tgt Ion: 91 Resp: 681915
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 208.727 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 106 Resp: 529194
Ion Ratio Lower Upper
106 100
91 198.6 158.4 237.6

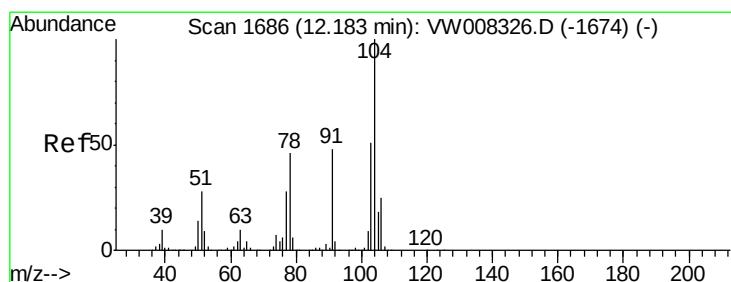
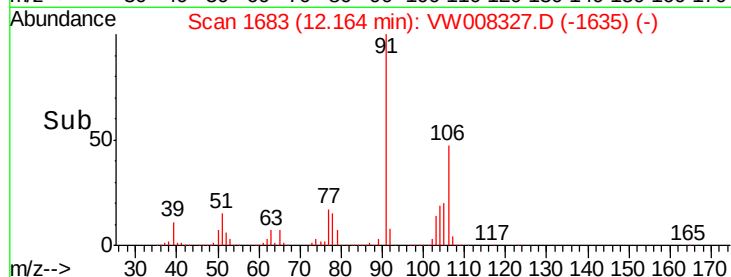
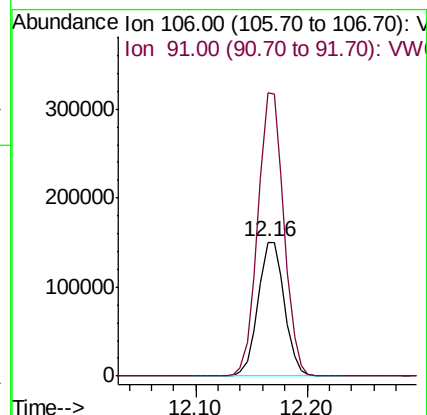
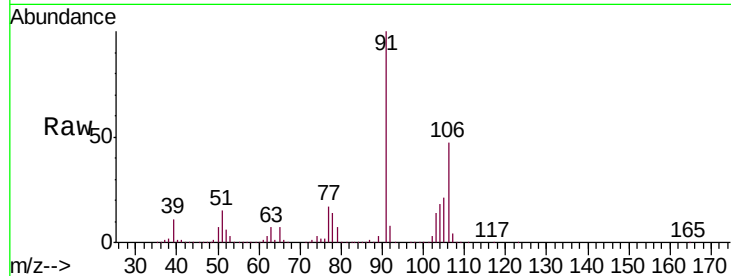




#69
o-Xylene
Concen: 104.854 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

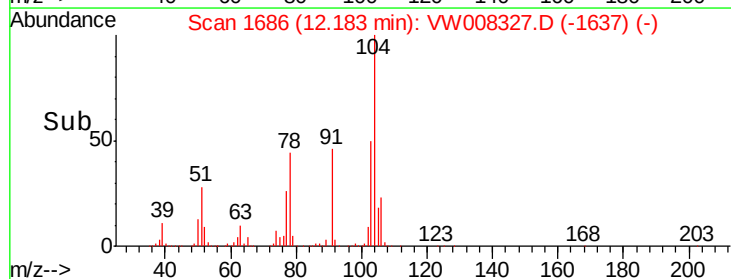
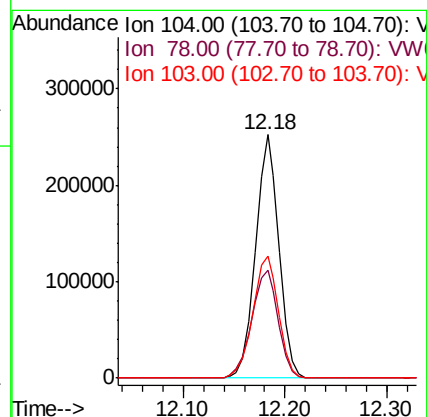
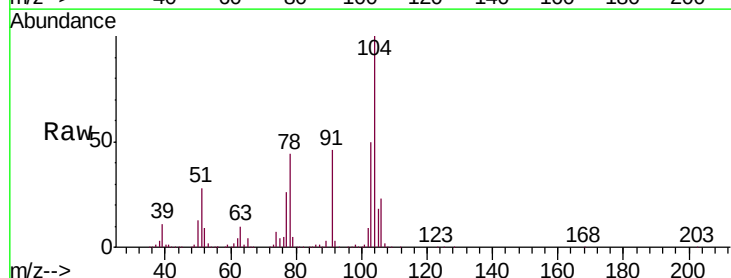
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

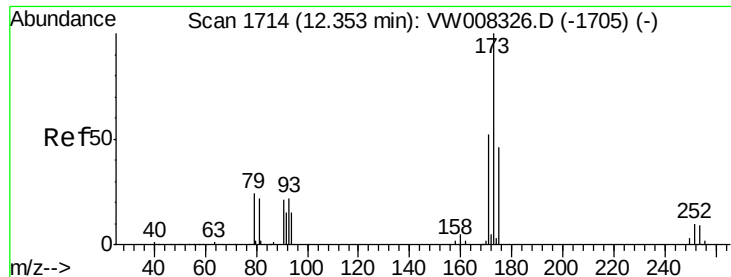
Tgt Ion:106 Resp: 248366
Ion Ratio Lower Upper
106 100
91 209.3 104.1 312.3



#70
Styrene
Concen: 105.660 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion:104 Resp: 402007
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 55.5 44.0 66.0





#71

Bromoform

Concen: 109.858 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

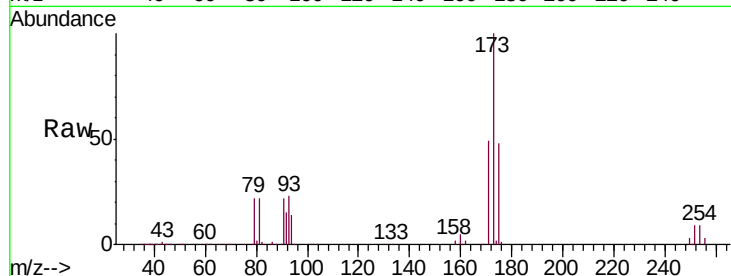
Tgt Ion:173 Resp: 70858

Ion Ratio Lower Upper

173 100

175 48.2 23.6 70.8

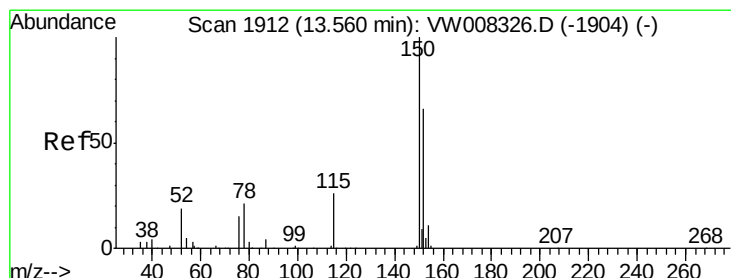
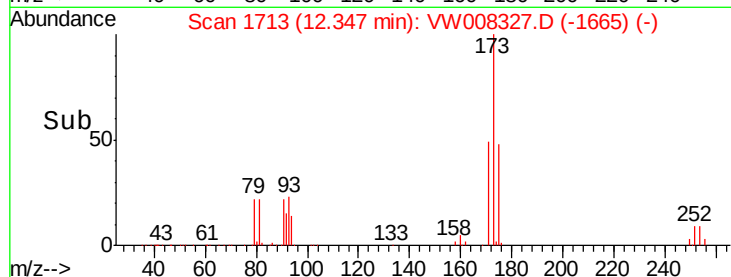
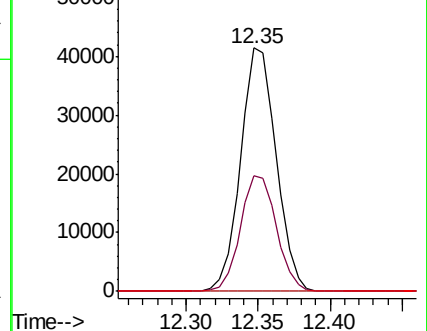
254 0.2 0.2 0.2



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: VW008327.D

Acq: 17 Jan 2019 14:31

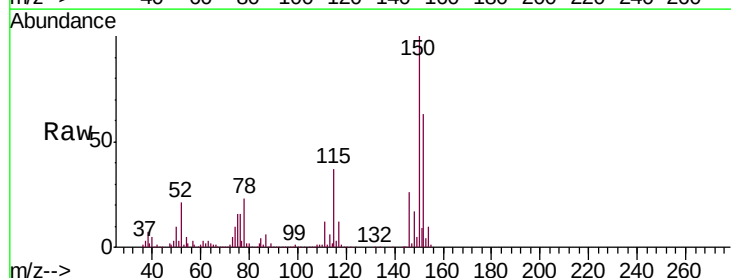
Tgt Ion:152 Resp: 85408

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.4

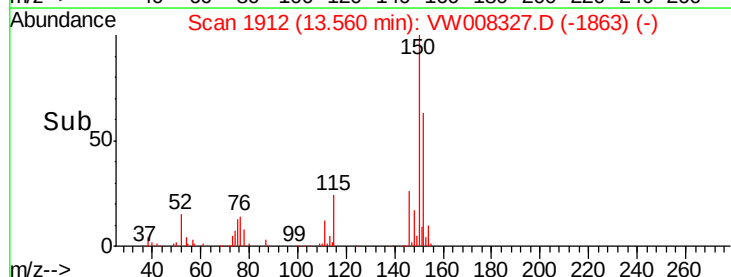
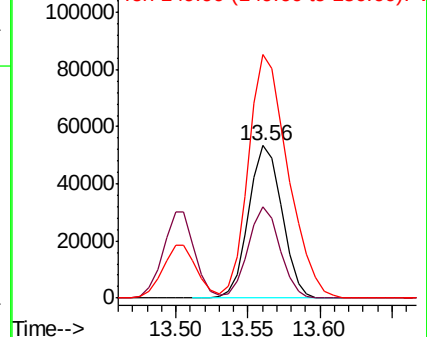
150 189.3 0.0 351.4

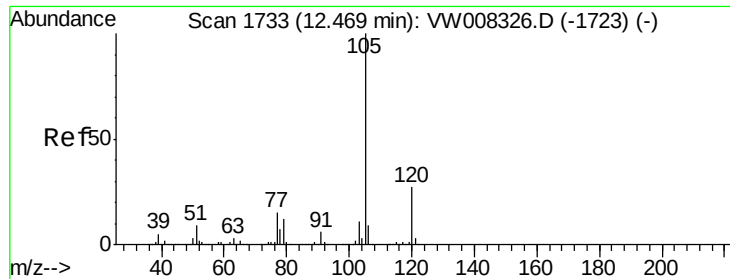


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

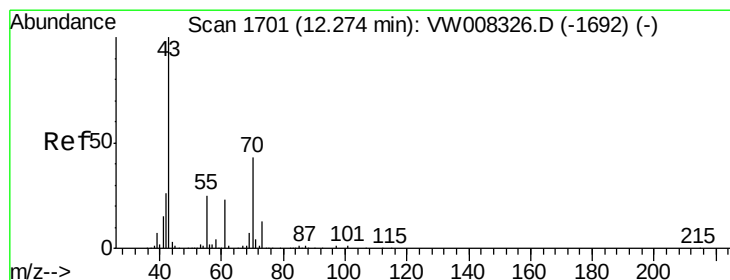
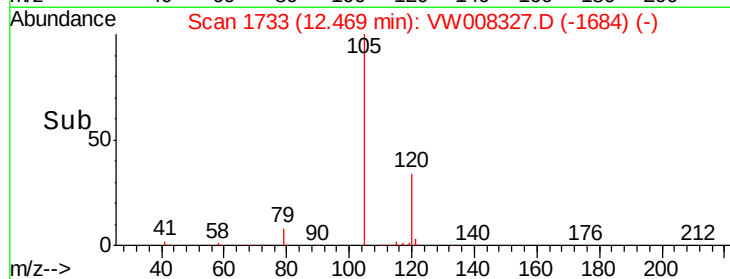
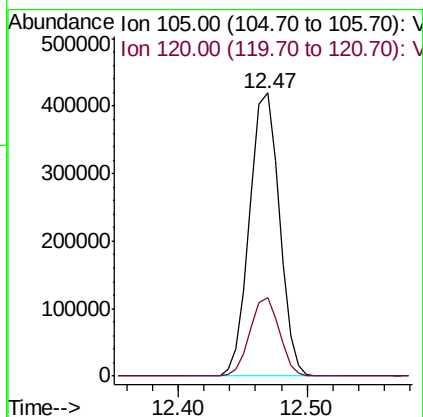
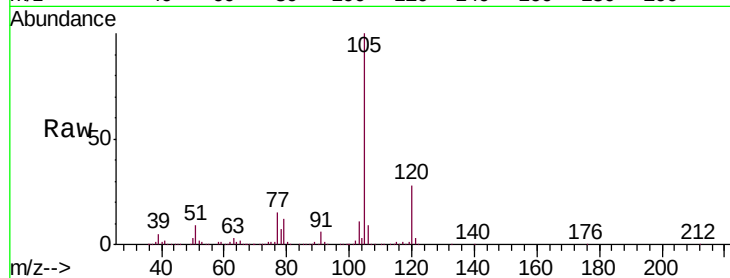




#73
Isopropylbenzene
Concen: 107.889 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

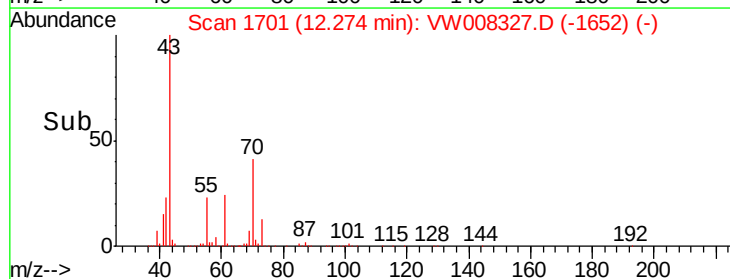
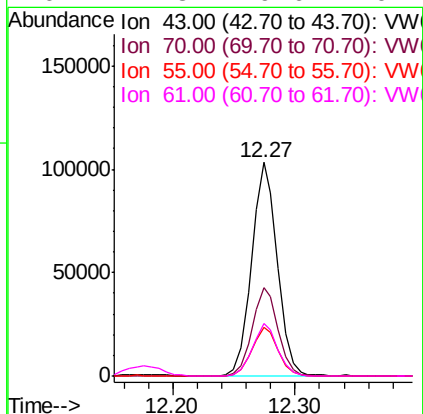
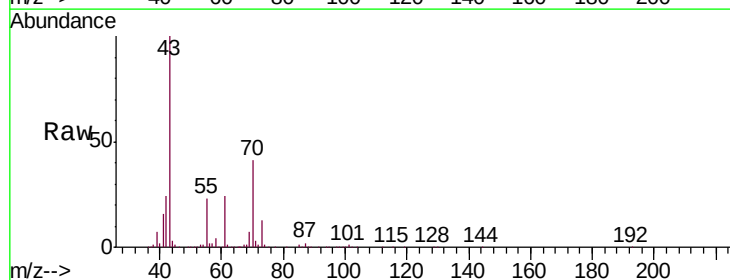
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

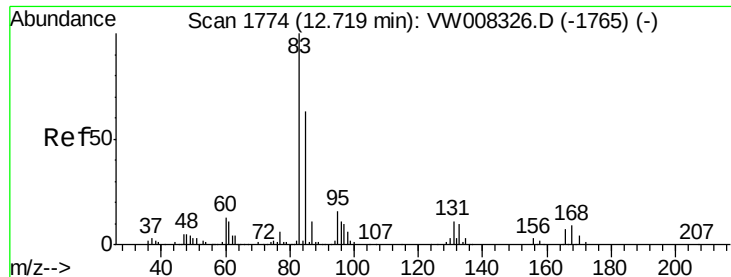
Tgt Ion:105 Resp: 671399
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 112.868 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 43 Resp: 150524
Ion Ratio Lower Upper
43 100
70 41.9 34.6 52.0
55 23.5 20.0 30.0
61 24.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 104.280 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

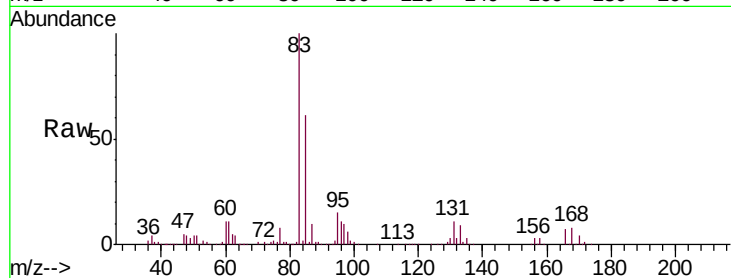
Tgt Ion: 83 Resp: 110380

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

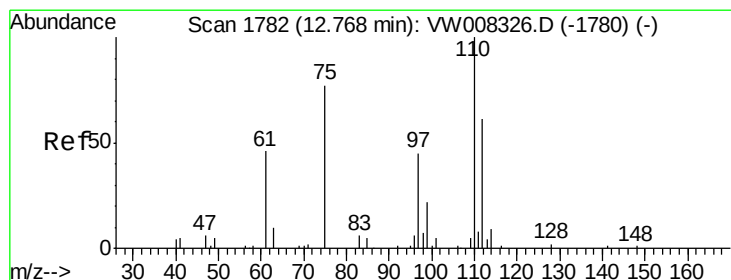
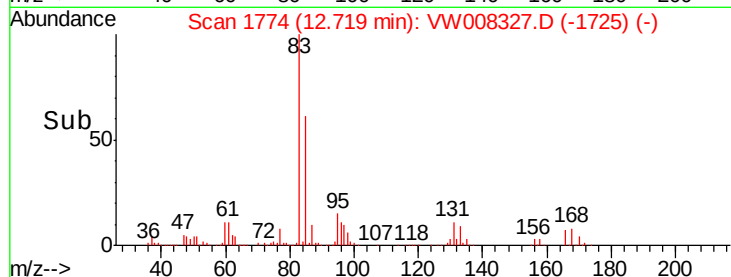
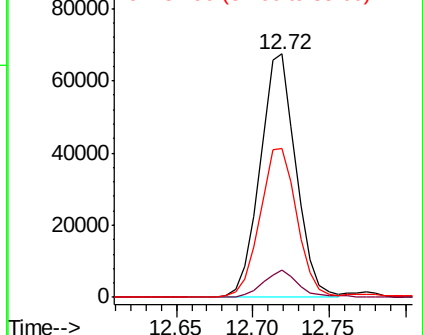
85 63.0 31.6 94.7



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: 178.047 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008327.D

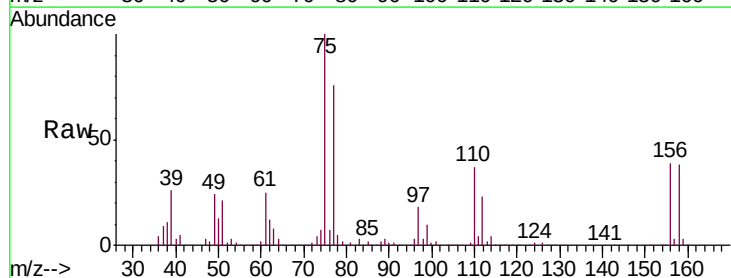
Acq: 17 Jan 2019 14:31

Tgt Ion: 75 Resp: 147824

Ion Ratio Lower Upper

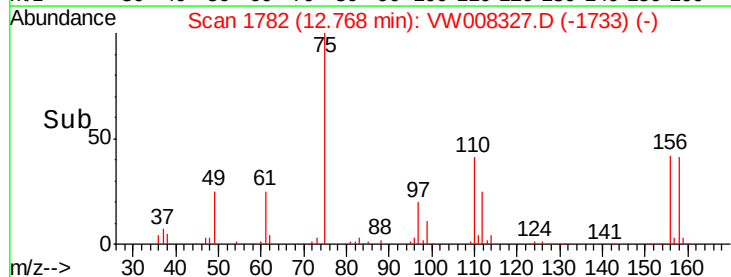
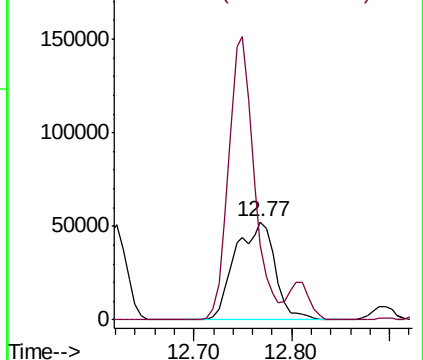
75 100

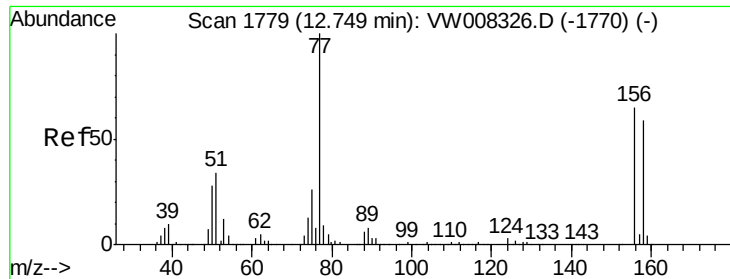
77 185.9 175.3 526.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 102.703 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

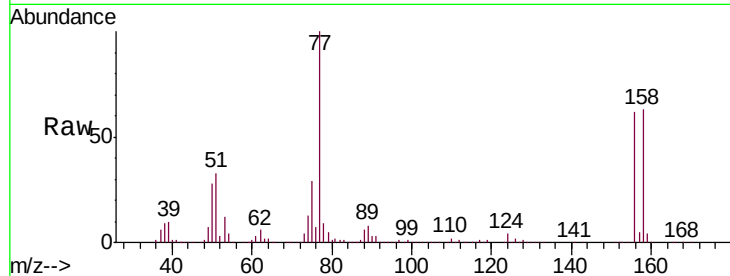
Tgt Ion:156 Resp: 153517

Ion Ratio Lower Upper

156 100

77 179.1 88.3 264.9

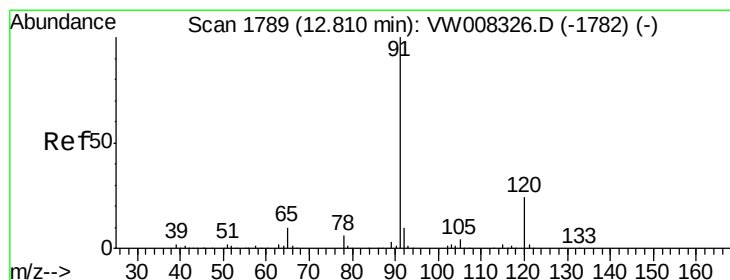
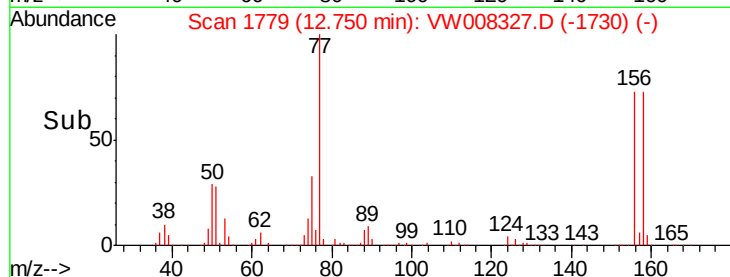
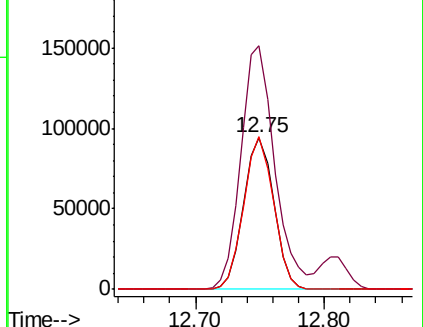
158 98.6 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.333 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008327.D

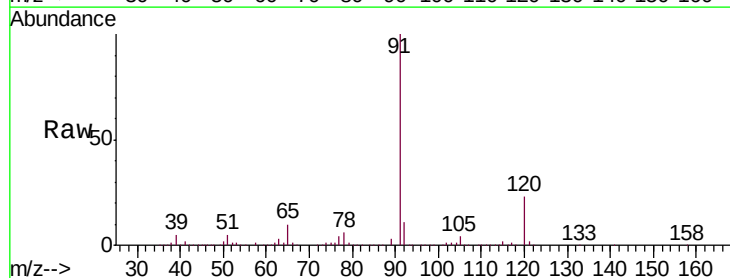
Acq: 17 Jan 2019 14:31

Tgt Ion: 91 Resp: 800931

Ion Ratio Lower Upper

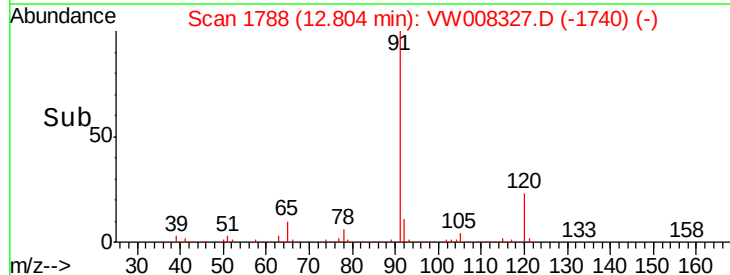
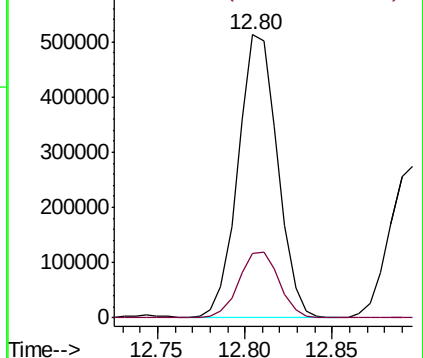
91 100

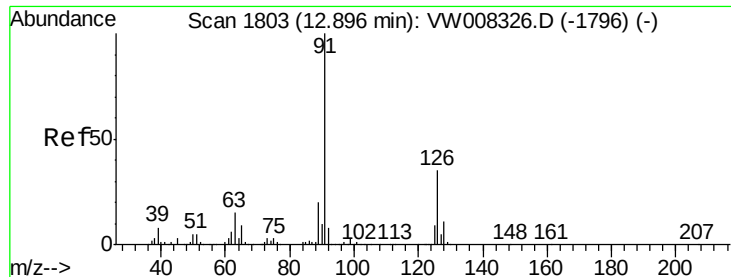
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 103.559 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

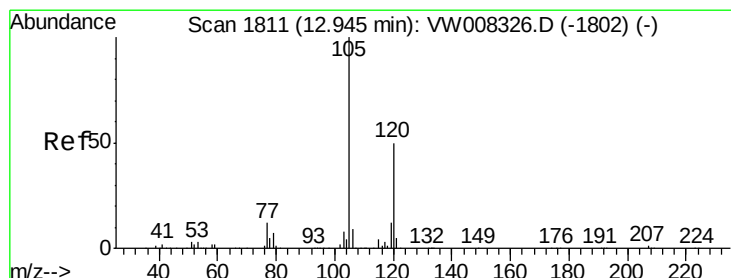
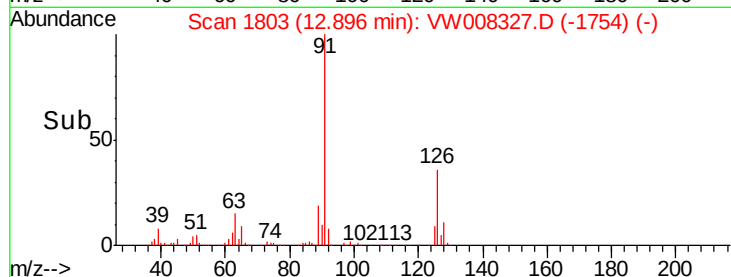
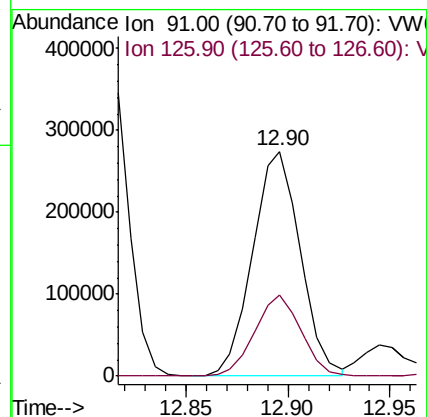
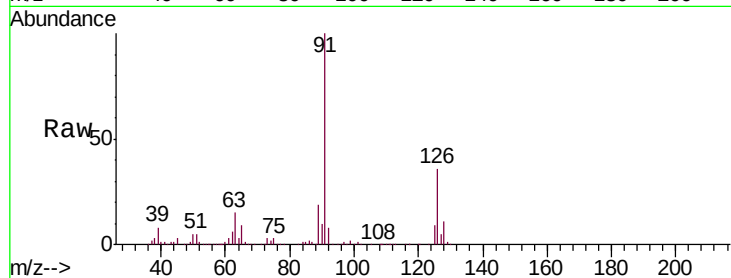
VSTDIC100

Tgt Ion: 91 Resp: 445675

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 105.881 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008327.D

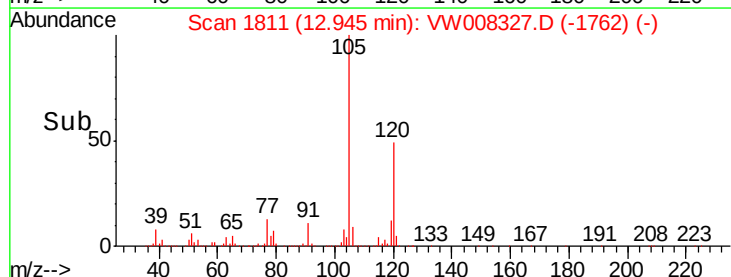
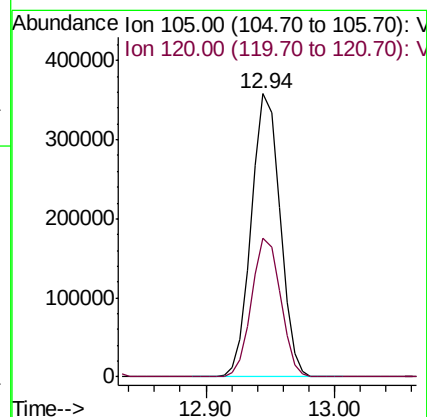
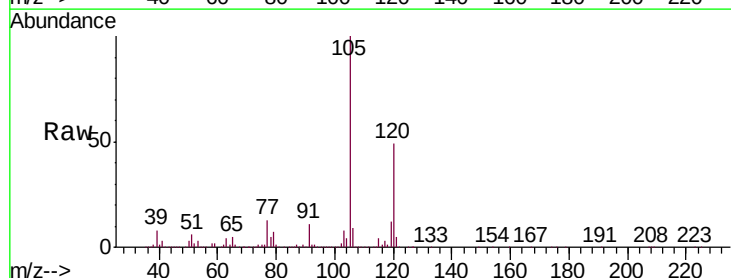
Acq: 17 Jan 2019 14:31

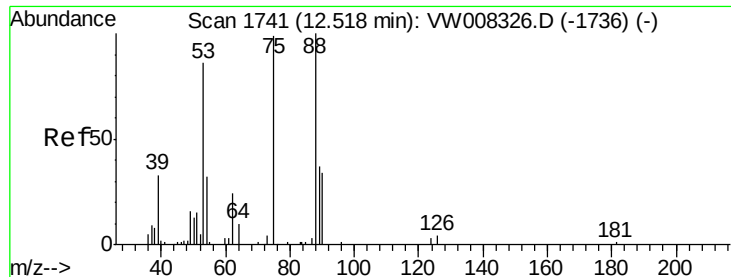
Tgt Ion: 105 Resp: 549839

Ion Ratio Lower Upper

105 100

120 49.6 25.6 76.8

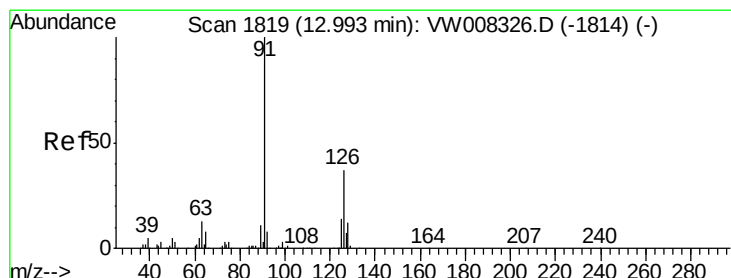
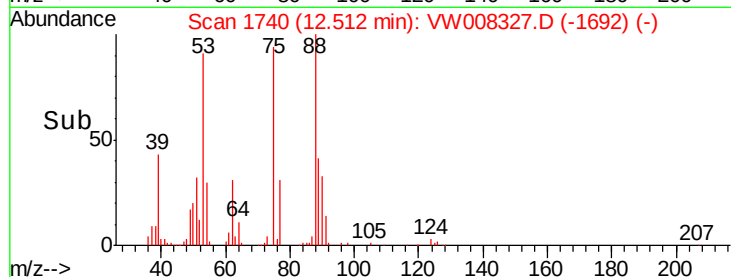
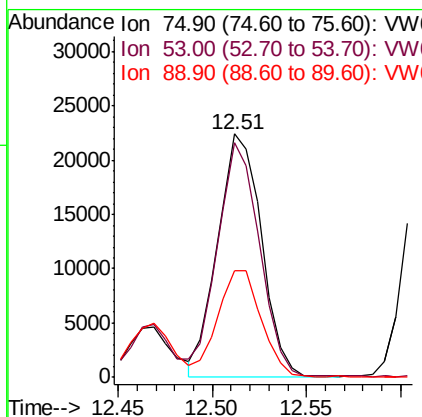
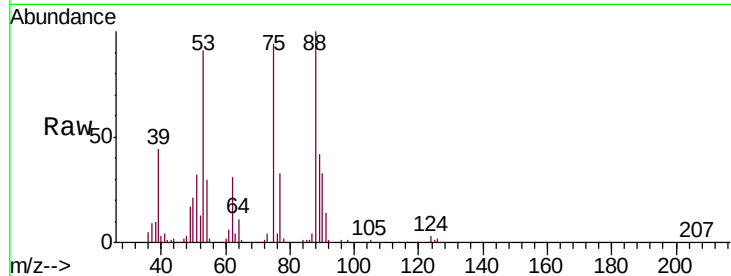




#81
trans-1,4-Dichloro-2-butene
Concen: 109.878 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

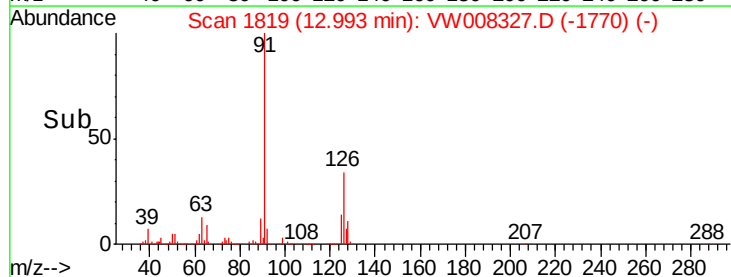
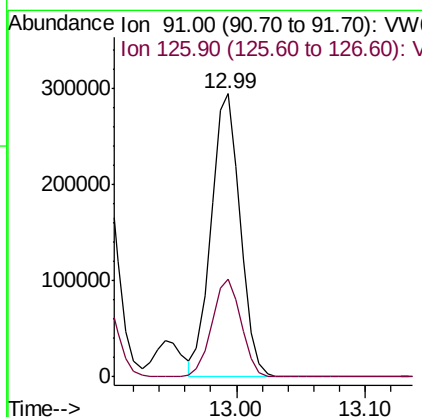
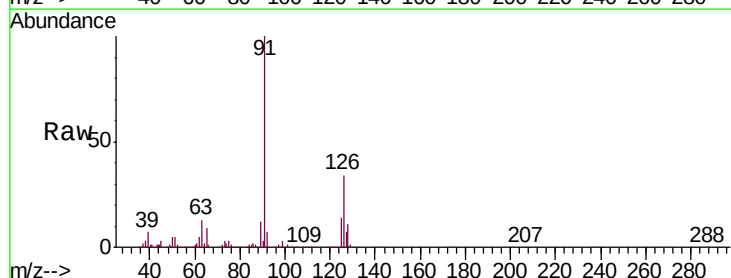
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

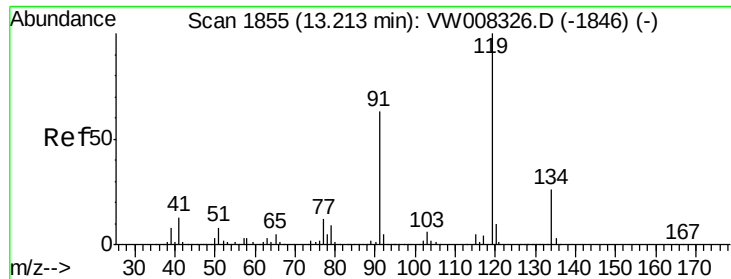
Tgt Ion: 75 Resp: 35811
Ion Ratio Lower Upper
75 100
53 92.4 76.2 114.4
89 44.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 103.473 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008327.D
Acq: 17 Jan 2019 14:31

Tgt Ion: 91 Resp: 465338
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.3

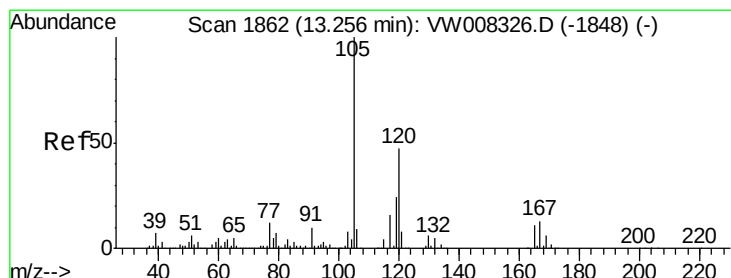
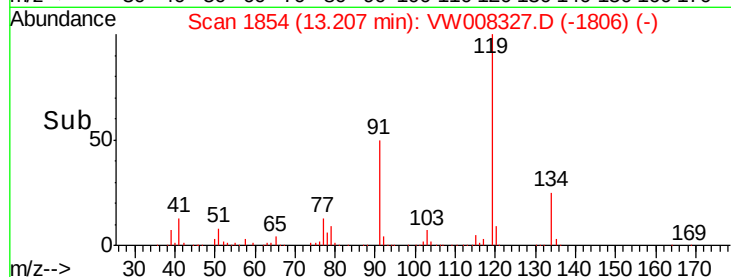
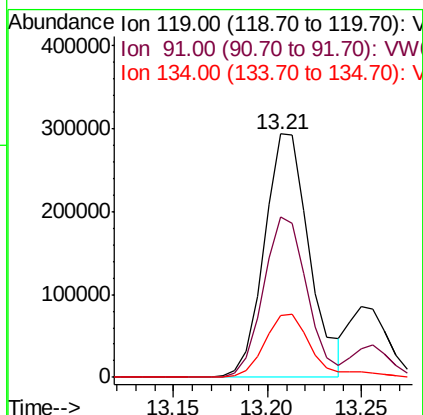
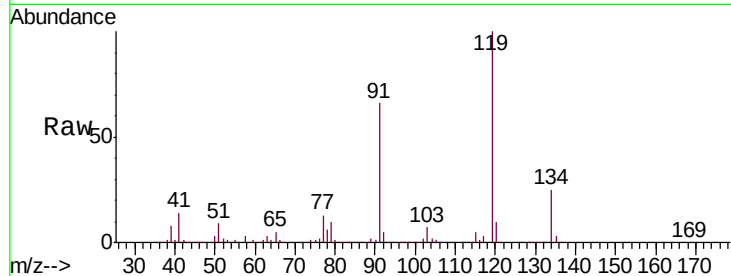




#83
 tert-Butylbenzene
 Concen: 106.634 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

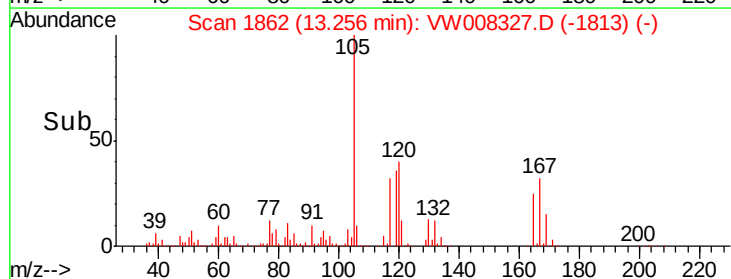
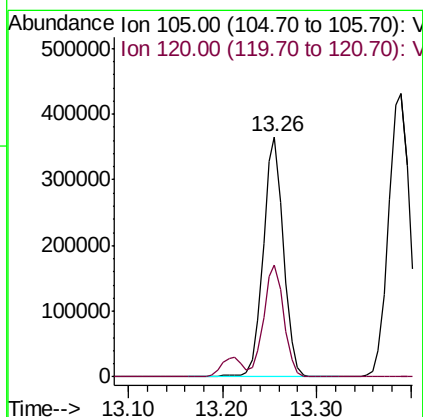
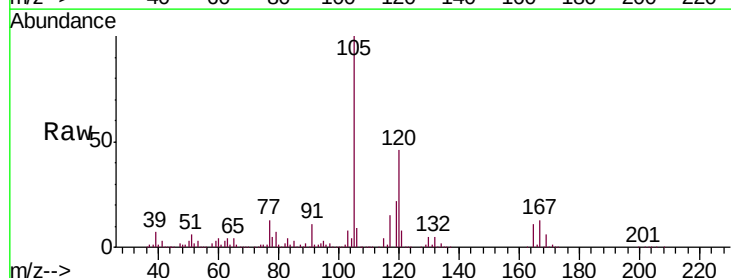
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

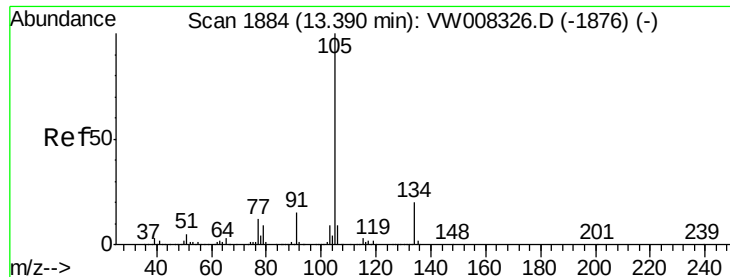
Tgt Ion:119 Resp: 487380
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.4 97.0
 134 27.5 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 104.102 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion:105 Resp: 550708
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.6





#85

sec-Butylbenzene

Concen: 103.215 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

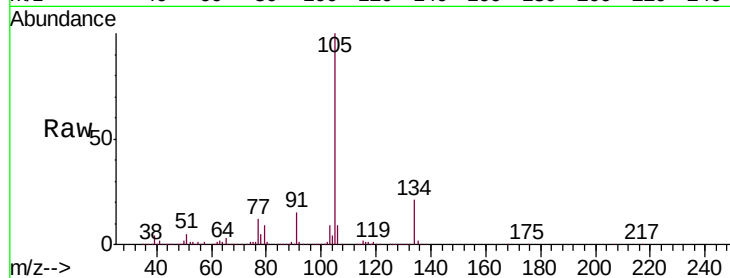
VSTDICC100

Tgt Ion:105 Resp: 677337

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

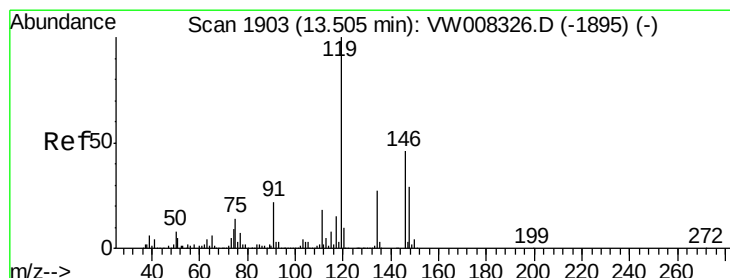
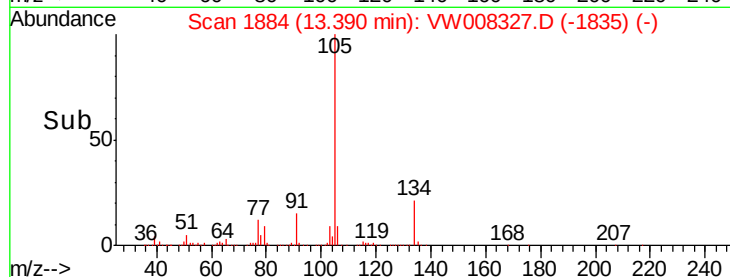
300000

200000

100000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 104.025 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

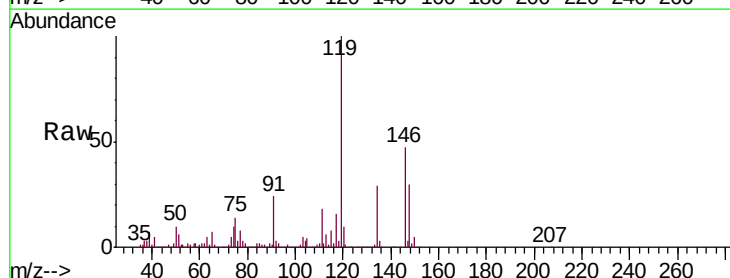
Tgt Ion:119 Resp: 596230

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

91 23.5 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

400000

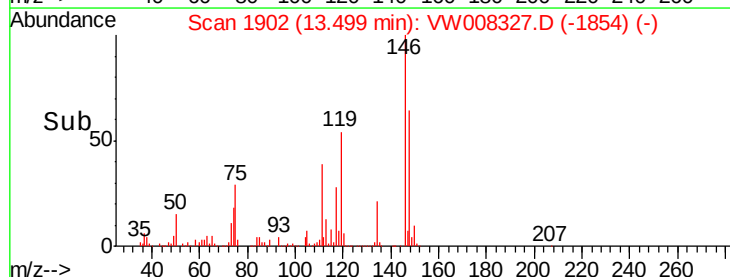
300000

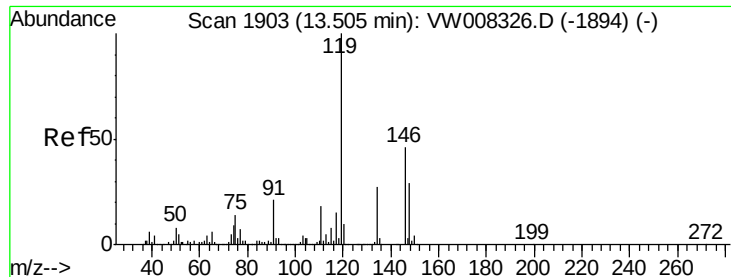
200000

100000

0

Time--> 13.40 13.50

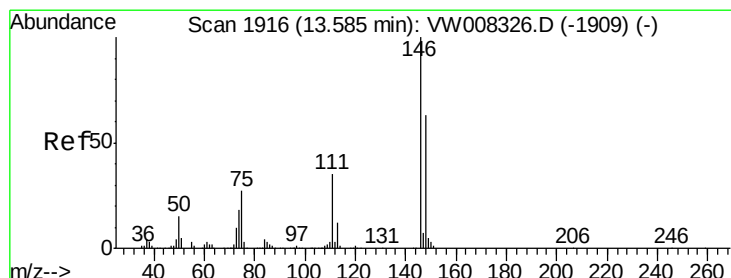
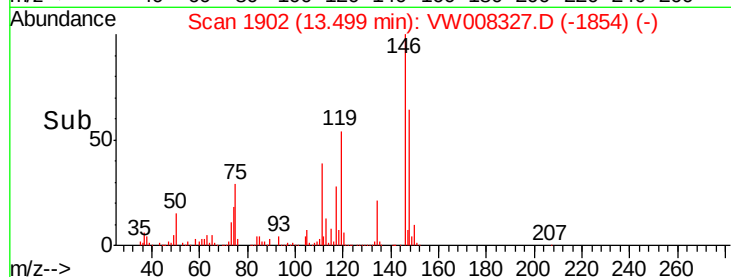
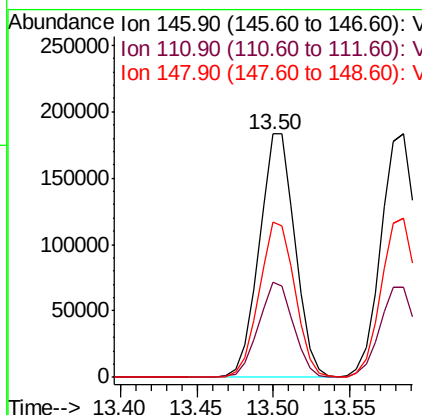
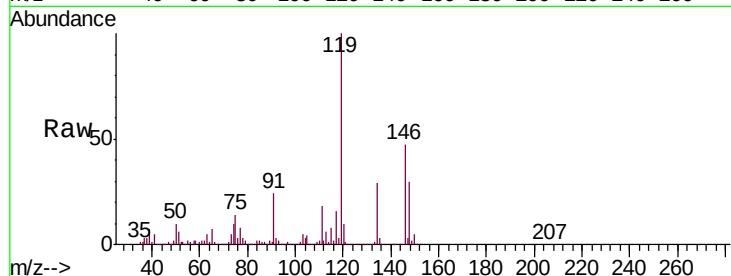




#87
 1,3-Dichlorobenzene
 Concen: 100.626 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

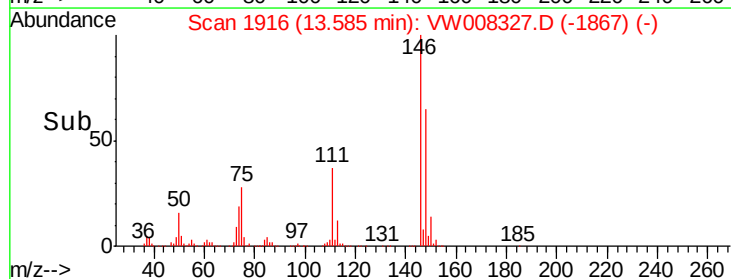
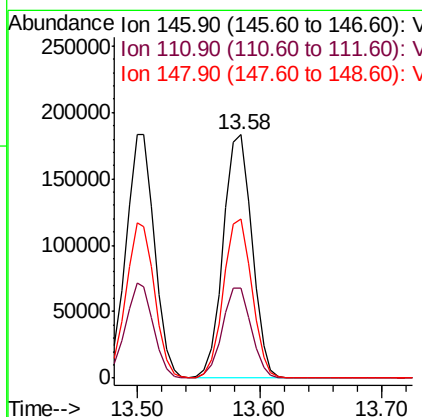
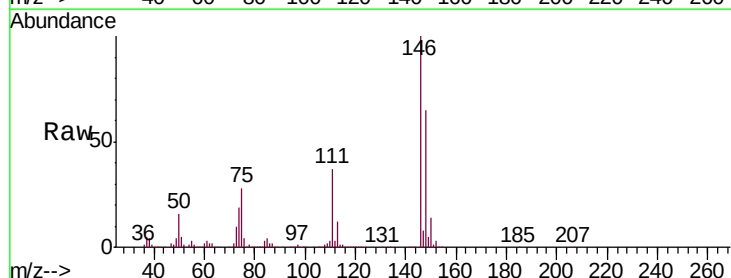
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

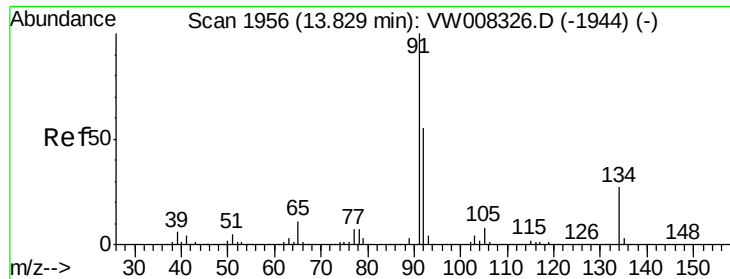
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.9	59.7
148	63.6	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 100.398 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	64.6	31.6	94.8





#89

n-Butylbenzene

Concen: 105.062 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

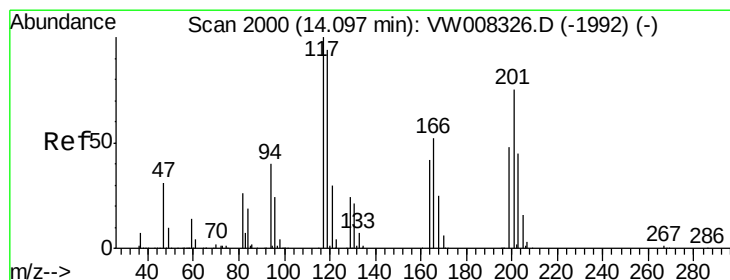
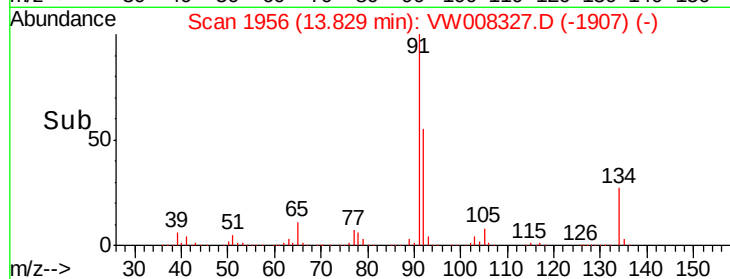
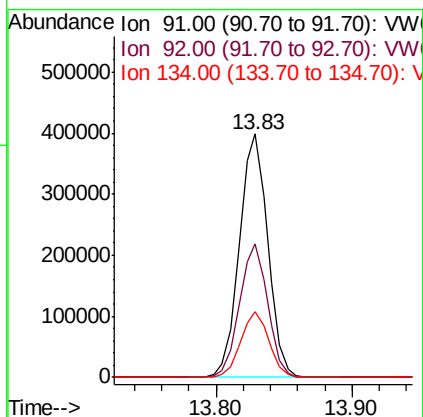
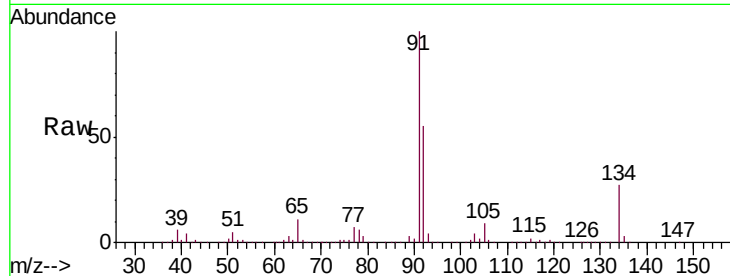
Tgt Ion: 91 Resp: 577619

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 105.618 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008327.D

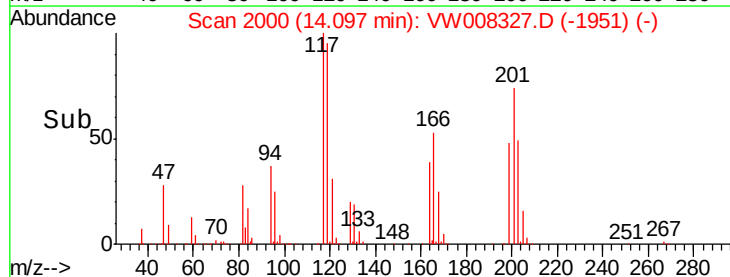
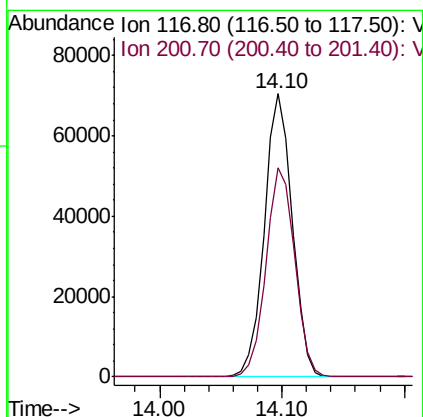
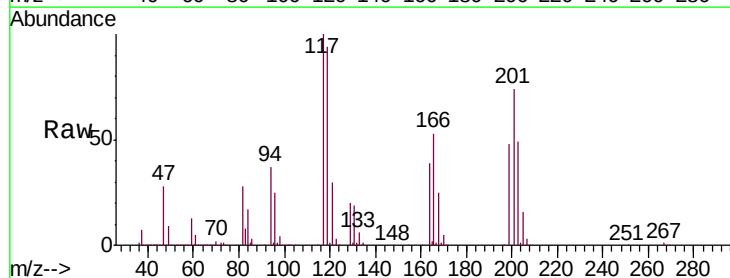
Acq: 17 Jan 2019 14:31

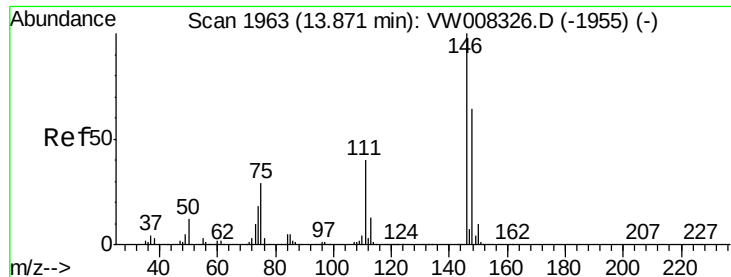
Tgt Ion: 117 Resp: 112029

Ion Ratio Lower Upper

117 100

201 76.0 39.3 117.9

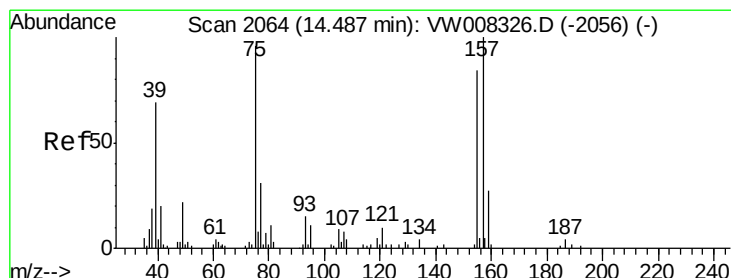
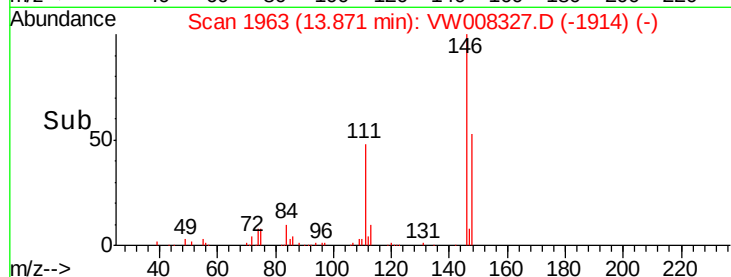
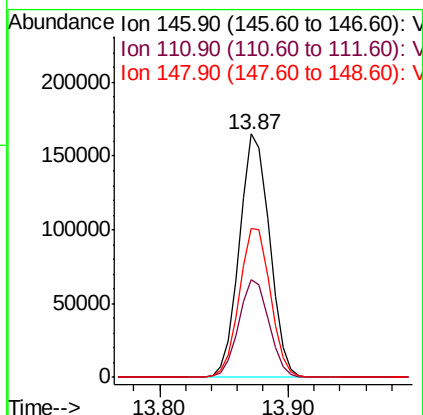
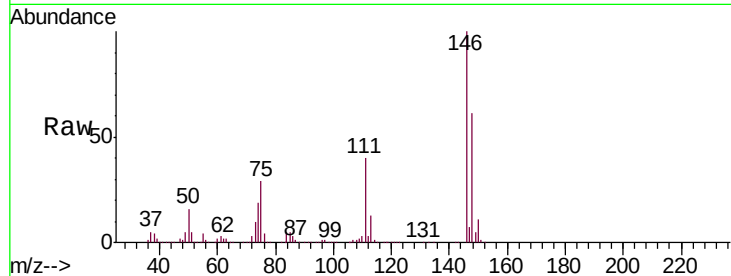




#91
 1,2-Dichlorobenzene
 Concen: 101.907 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

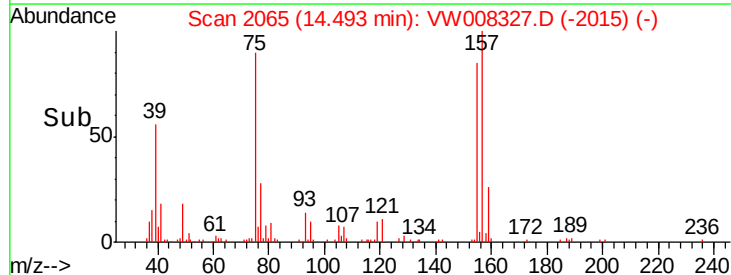
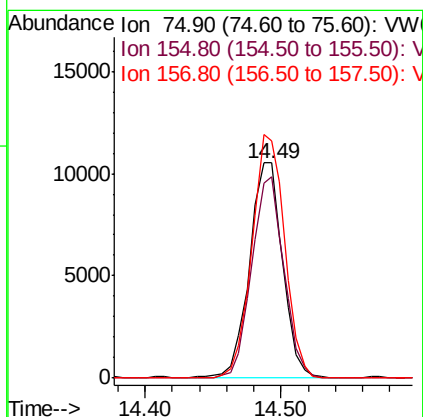
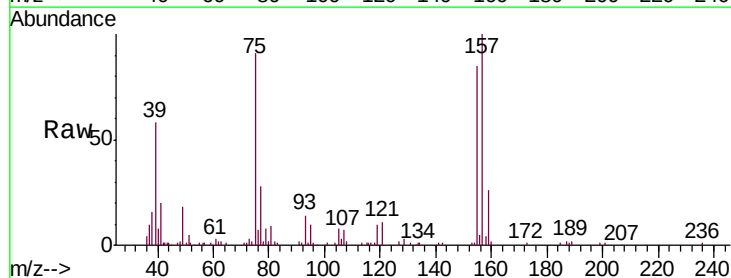
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

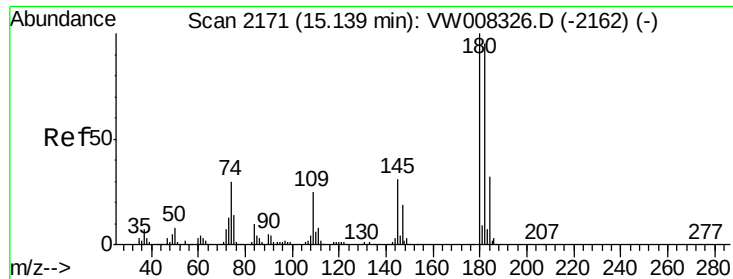
Tgt Ion: 146 Resp: 267218
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 62.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.142 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion: 75 Resp: 18025
 Ion Ratio Lower Upper
 75 100
 155 90.7 44.7 134.1
 157 111.5 53.9 161.8

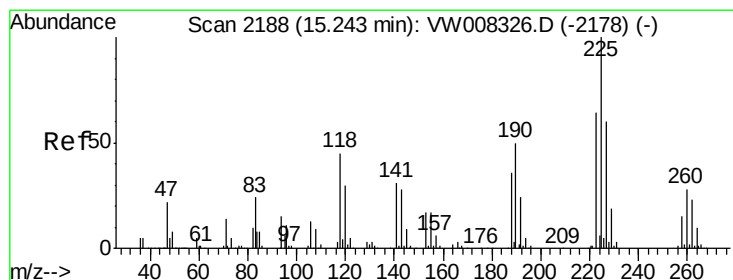
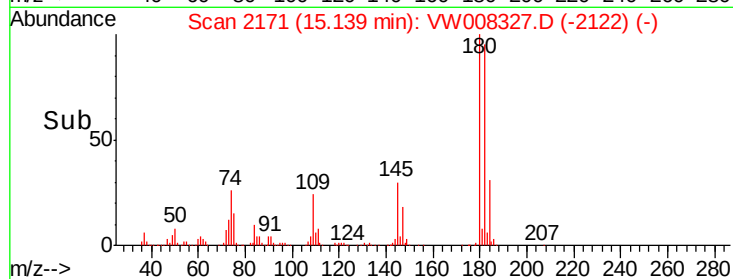
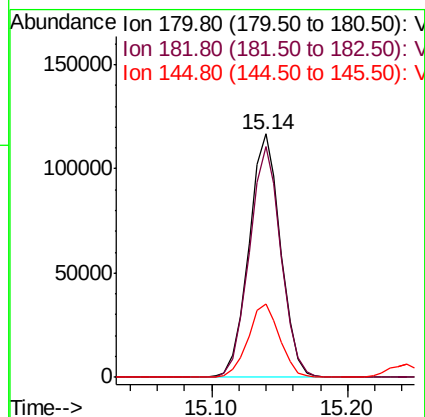
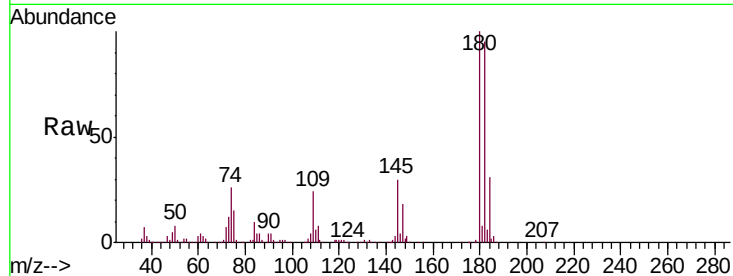




#93
 1,2,4-Trichlorobenzene
 Concen: 106.974 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

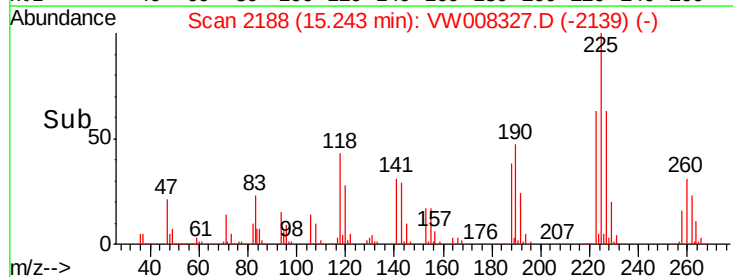
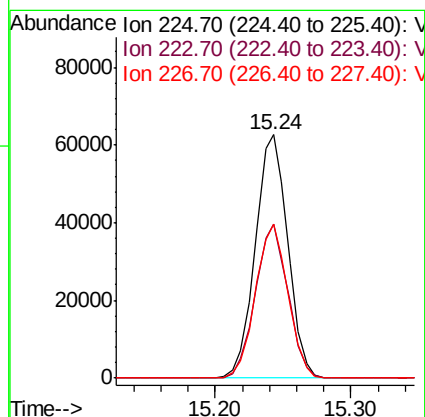
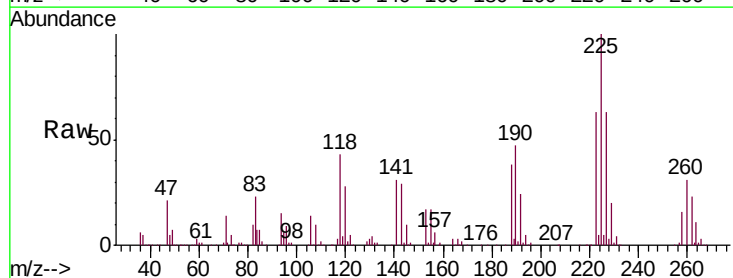
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

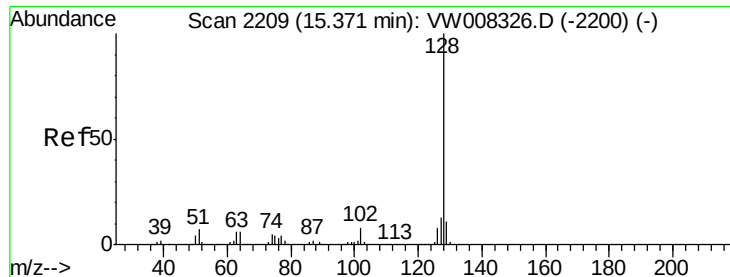
Tgt Ion:180 Resp: 189884
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.8
 145 30.1 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 104.849 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008327.D
 Acq: 17 Jan 2019 14:31

Tgt Ion:225 Resp: 104890
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 63.0 30.3 90.8





#95

Naphthalene

Concen: 114.877 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

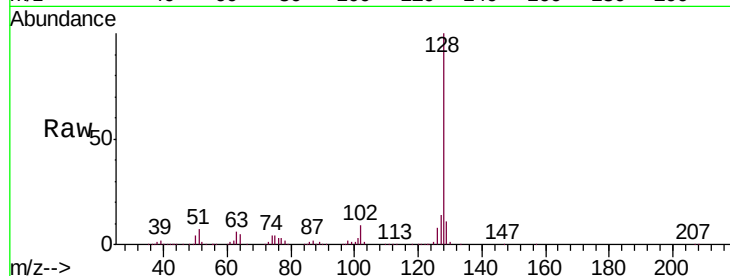
Tgt Ion:128 Resp: 340739

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

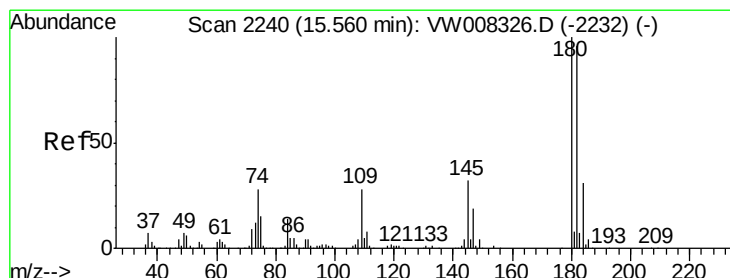
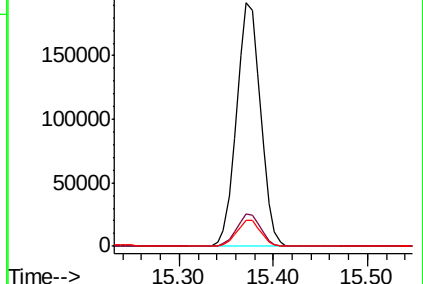
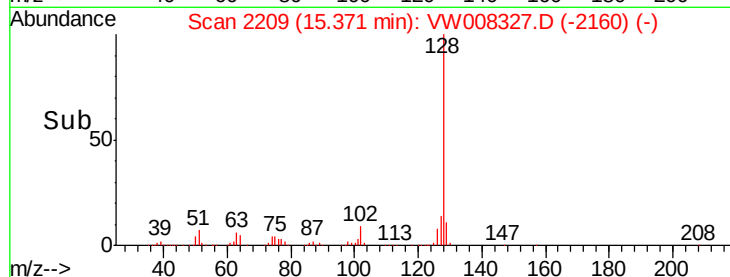
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 106.080 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW008327.D

Acq: 17 Jan 2019 14:31

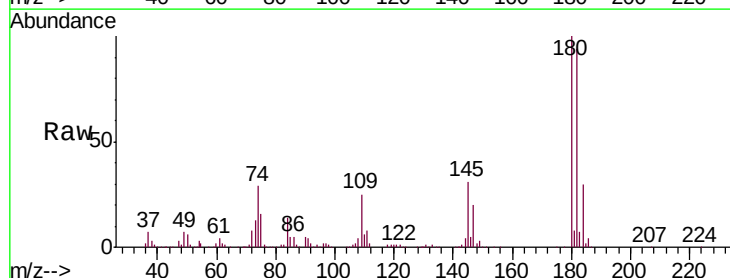
Tgt Ion:180 Resp: 164011

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 31.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

