

Data File : VW012714.D
Acq On : 07 Sep 2019 11:56
Operator : SY/VA
Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Quant Time: Sep 08 04:53:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	393566	163.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.96%	
35) Dibromofluoromethane	7.88	113	297573	159.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.26%	
50) Toluene-d8	10.32	98	1198714	163.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.24%	
62) 4-Bromofluorobenzene	12.62	95	419768	157.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	164689	140.997	ug/l	95
3) Chloromethane	2.21	50	181341	127.748	ug/l	98
4) Vinyl Chloride	2.36	62	235500	135.306	ug/l	98
5) Bromomethane	2.77	94	125625	132.918	ug/l	96
6) Chloroethane	2.91	64	141959	136.680	ug/l	97
7) Trichlorofluoromethane	3.25	101	183921	153.129	ug/l	95
8) Diethyl Ether	3.68	74	156611	155.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	268951	142.690	ug/l	99
10) Methyl Iodide	4.27	142	332008	139.923	ug/l	100
11) Tert butyl alcohol	5.20	59	160939	873.774	ug/l	99
12) 1,1-Dichloroethene	4.04	96	254785	143.195	ug/l	96
13) Acrolein	3.89	56	155531	795.727	ug/l	100
14) Allyl chloride	4.66	41	544548	147.946	ug/l	98
15) Acrylonitrile	5.37	53	504062	854.907	ug/l	99
16) Acetone	4.13	43	561530	855.608	ug/l	97
17) Carbon Disulfide	4.39	76	531770	140.799	ug/l	100
18) Methyl Acetate	4.67	43	264338	171.674	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	535492	151.753	ug/l	98
20) Methylene Chloride	4.91	84	274117	133.505	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	261255	143.903	ug/l	96
22) Diisopropyl ether	6.31	45	1072505	146.915	ug/l	97
23) Vinyl Acetate	6.25	43	3804120	822.254	ug/l	99
24) 1,1-Dichloroethane	6.21	63	575213	146.338	ug/l	99
25) 2-Butanone	7.17	43	775258	894.916	ug/l	100
26) 2,2-Dichloropropane	7.17	77	352018	141.793	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	313079	148.725	ug/l	99
28) Bromochloromethane	7.51	49	275023	152.378	ug/l	98
29) Tetrahydrofuran	7.53	42	456090	860.575	ug/l	99
30) Chloroform	7.67	83	552451	141.815	ug/l	100
31) Cyclohexane	7.95	56	467435	132.093	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	457593	144.913	ug/l	99
36) 1,1-Dichloropropene	8.08	75	414070	148.159	ug/l	100
37) Ethyl Acetate	7.25	43	306057	171.789	ug/l	100
38) Carbon Tetrachloride	8.07	117	422814	153.474	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	469175	149.471	ug/l	98
40) Benzene	8.32	78	1151205	148.463	ug/l	99
41) Methacrylonitrile	7.48	41	192860	179.538	ug/l	96
42) 1,2-Dichloroethane	8.40	62	420670	154.150	ug/l	100
43) Isopropyl Acetate	8.42	43	590021	174.804	ug/l	99
44) Trichloroethene	9.09	130	299019	149.601	ug/l	94
45) 1,2-Dichloropropane	9.37	63	321017	149.266	ug/l	98
46) Dibromomethane	9.46	93	160060	157.168	ug/l	99
47) Bromodichloromethane	9.64	83	430579	153.676	ug/l	99
48) Methyl methacrylate	9.43	41	282786	175.312	ug/l	98
49) 1,4-Dioxane	9.46	88	69691	3464.376	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	1560310	880.966	ug/l	99
52) Toluene	10.38	92	722051	149.194	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	476989	165.559	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	518865	158.754	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	240827	157.953	ug/l	97
56) Ethyl methacrylate	10.65	69	383162	171.681	ug/l	99
57) 1,3-Dichloropropane	10.93	76	441666	156.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1024205	864.430	ug/l	99
59) 2-Hexanone	10.97	43	1146982	886.411	ug/l	100
60) Dibromochloromethane	11.13	129	288577	160.934	ug/l	99
61) 1,2-Dibromoethane	11.23	107	213150	152.487	ug/l	98
64) Tetrachloroethene	10.86	164	250686	145.654	ug/l	97
65) Chlorobenzene	11.66	112	763759	142.465	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	295140	147.832	ug/l	99
67) Ethyl Benzene	11.73	91	1461288	145.278	ug/l	99
68) m/p-Xylenes	11.84	106	1059758	291.890	ug/l	100
69) o-Xylene	12.16	106	501114	146.299	ug/l	99
70) Styrene	12.18	104	897206	148.232	ug/l	99
71) Bromoform	12.35	173	181814	163.913	ug/l #	99
73) Isopropylbenzene	12.46	105	1452851	150.355	ug/l	99
74) N-amyl acetate	12.27	43	528525	172.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	307174	158.291	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	423355	320.212	ug/l #	100
77) Bromobenzene	12.75	156	323812	147.914	ug/l	98
78) n-propylbenzene	12.80	91	1729401	149.645	ug/l	100
79) 2-Chlorotoluene	12.89	91	980444	147.783	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1214876	149.206	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	111952	171.882	ug/l	99
82) 4-Chlorotoluene	12.99	91	1032737	147.164	ug/l	100
83) tert-Butylbenzene	13.21	119	1062656	147.603	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1204006	146.751	ug/l	99
85) sec-Butylbenzene	13.38	105	1465570	146.700	ug/l	100
86) p-Isopropyltoluene	13.50	119	1345250	147.421	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	621022	144.324	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	615508	143.752	ug/l	99
89) n-Butylbenzene	13.82	91	1325954	149.672	ug/l	100
90) Hexachloroethane	14.09	117	244687	153.599	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	566905	146.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	62547	176.123	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

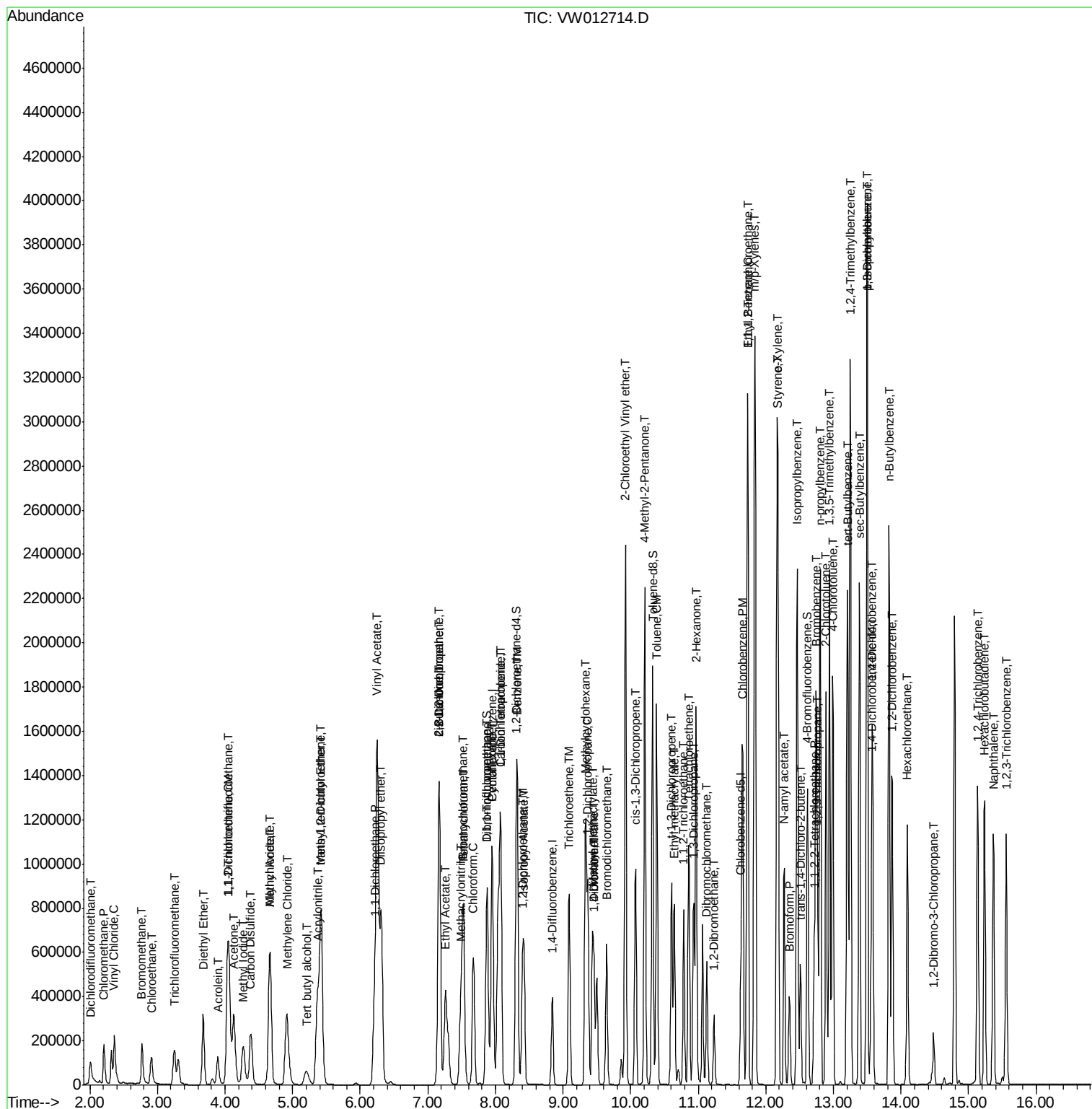
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	434436	161.115	ug/l	98
94) Hexachlorobutadiene	15.24	225	270846	145.118	ug/l	99
95) Naphthalene	15.36	128	926735	184.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	387455	162.787	ug/l	99

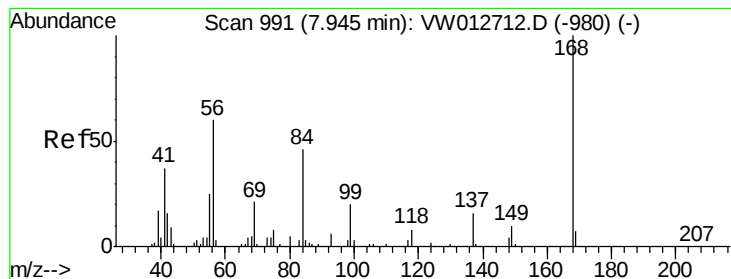
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MSVOA_W
Client Sample Id :
VSTDIC150

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 04:47:02 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

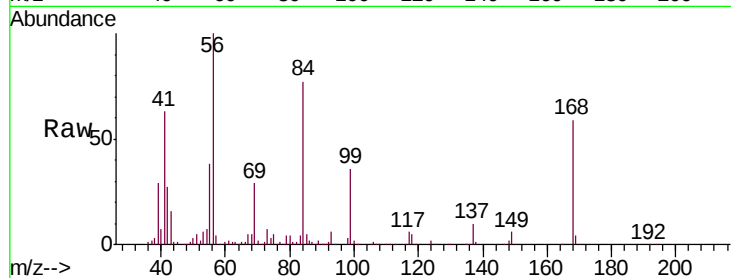
VSTDIC150

Tgt Ion:168 Resp: 215456

Ion Ratio Lower Upper

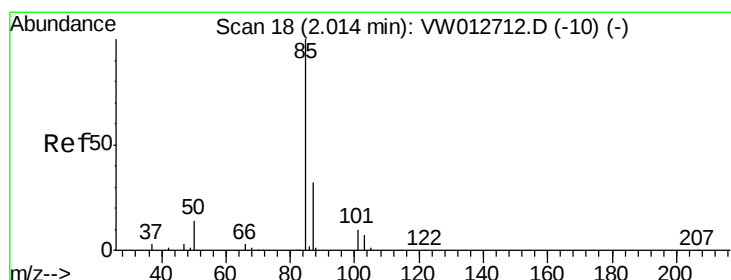
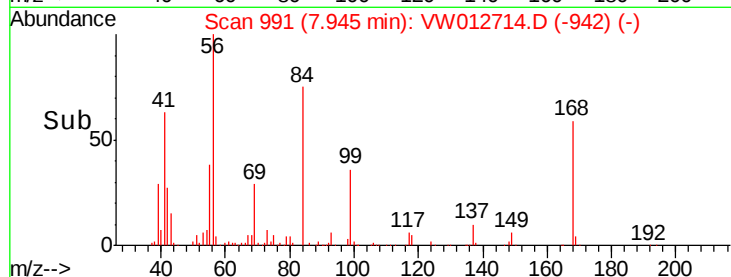
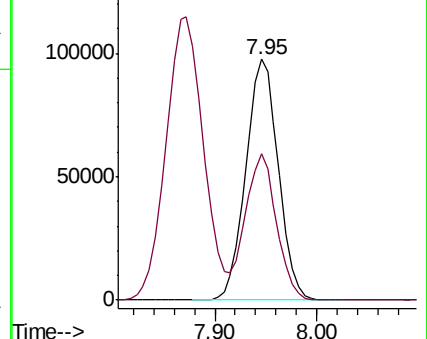
168 100

99 61.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 140.997 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012714.D

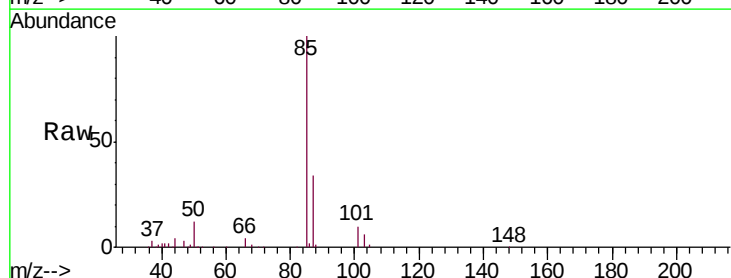
Acq: 07 Sep 2019 11:56

Tgt Ion: 85 Resp: 164689

Ion Ratio Lower Upper

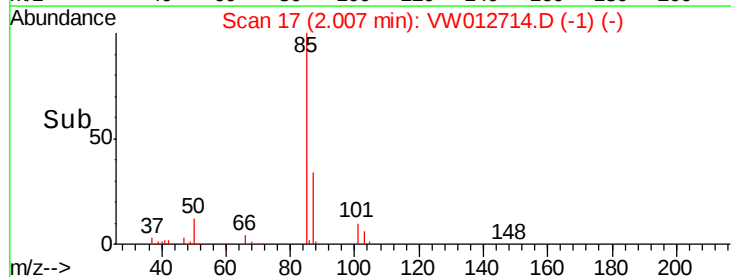
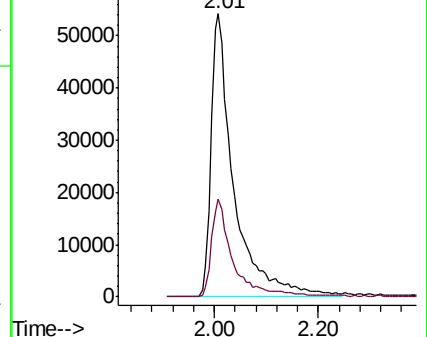
85 100

87 34.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 127.748 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

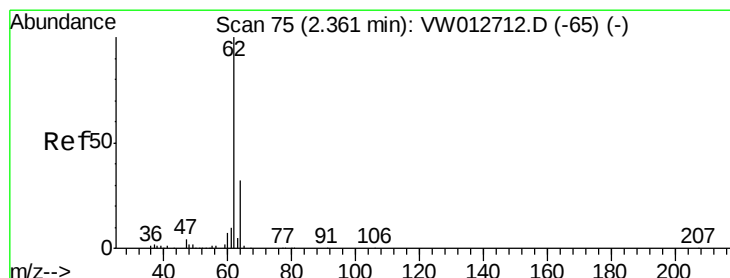
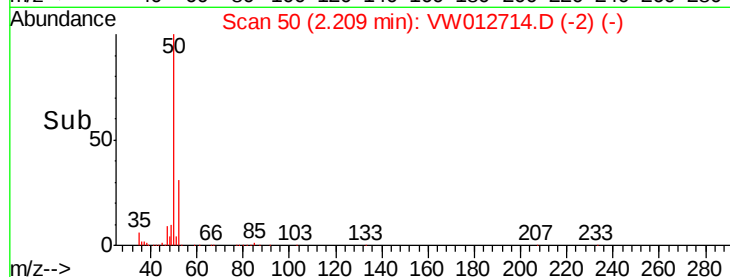
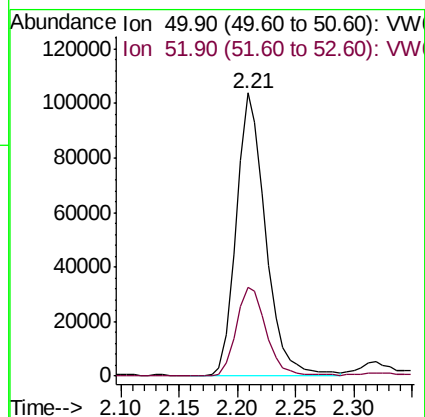
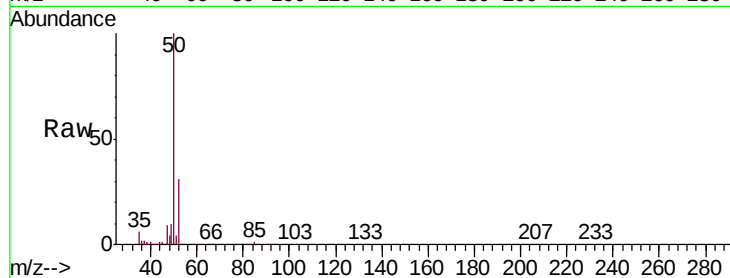
VSTDIC150

Tgt Ion: 50 Resp: 181341

Ion Ratio Lower Upper

50 100

52 31.5 24.2 36.2



#4

Vinyl Chloride

Concen: 135.306 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012714.D

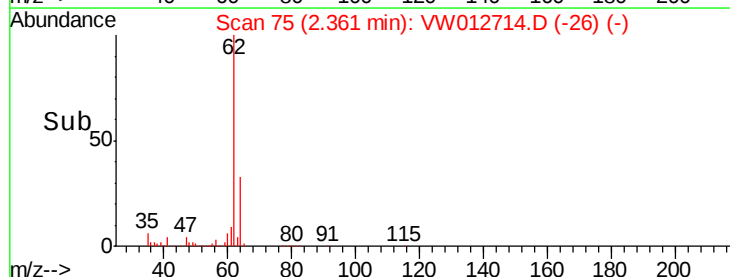
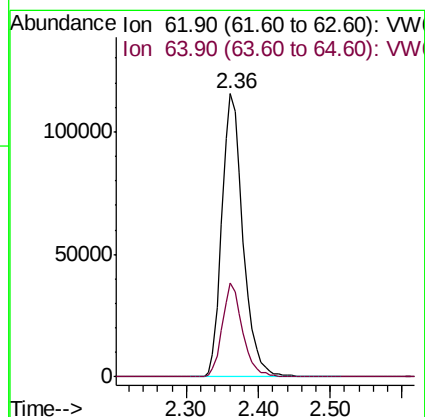
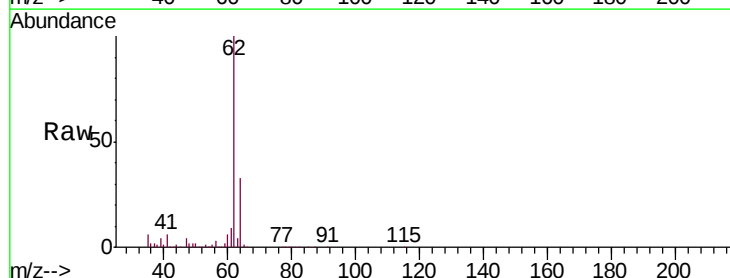
Acq: 07 Sep 2019 11:56

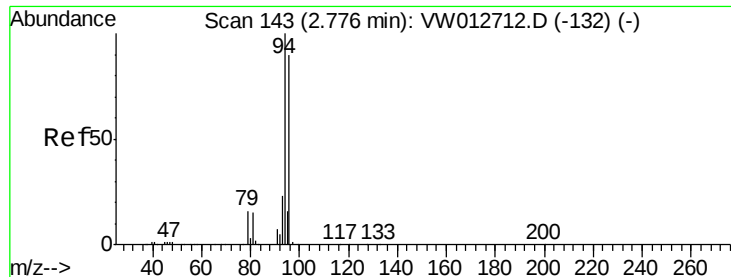
Tgt Ion: 62 Resp: 235500

Ion Ratio Lower Upper

62 100

64 33.0 25.3 37.9





#5

Bromomethane

Concen: 132.918 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

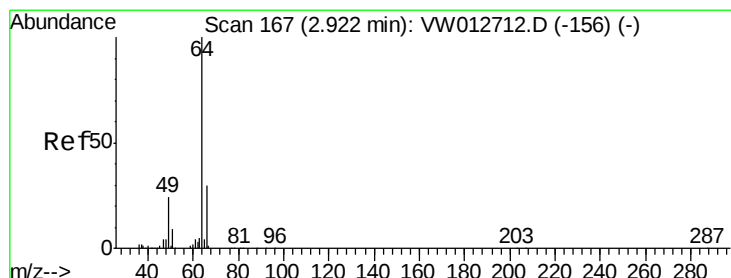
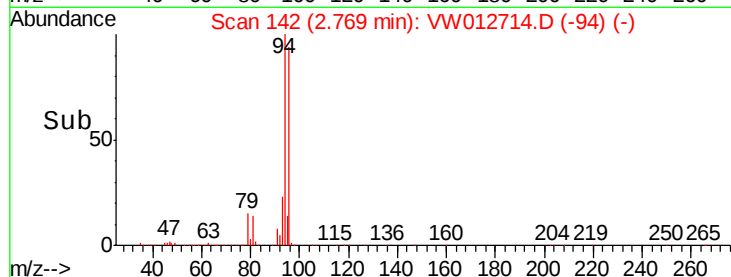
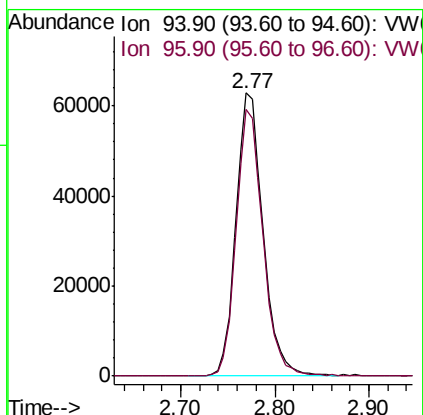
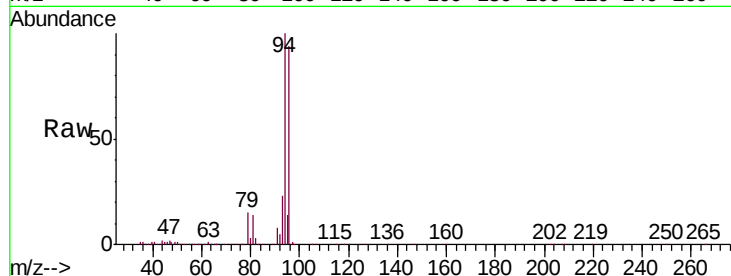
VSTDIC150

Tgt Ion: 94 Resp: 125625

Ion Ratio Lower Upper

94 100

96 94.0 72.1 108.1



#6

Chloroethane

Concen: 136.680 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012714.D

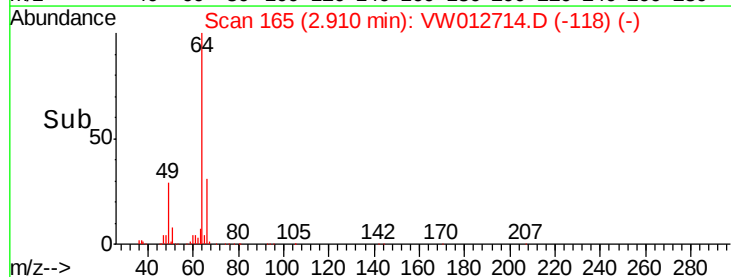
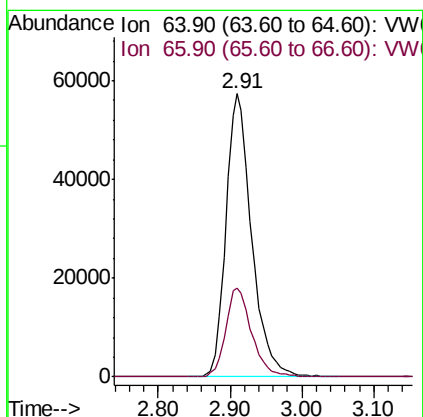
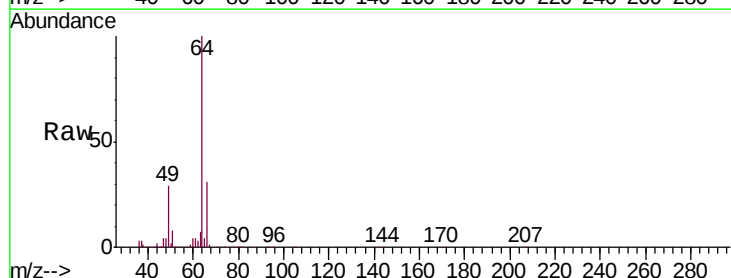
Acq: 07 Sep 2019 11:56

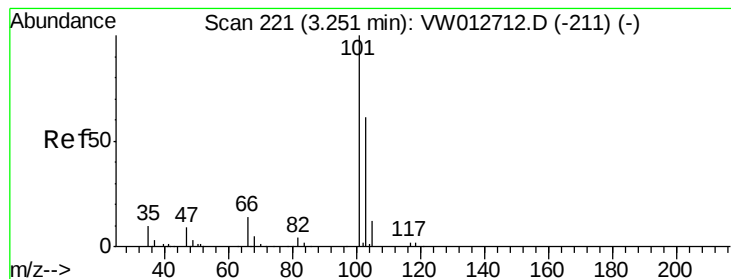
Tgt Ion: 64 Resp: 141959

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.6



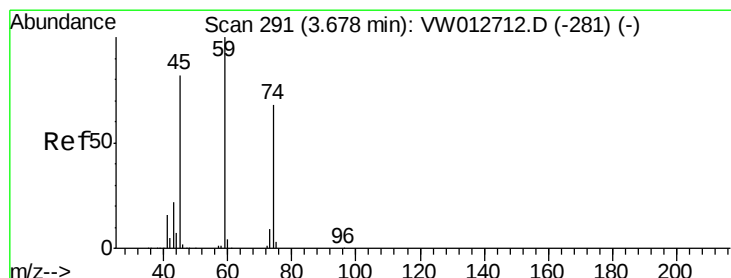
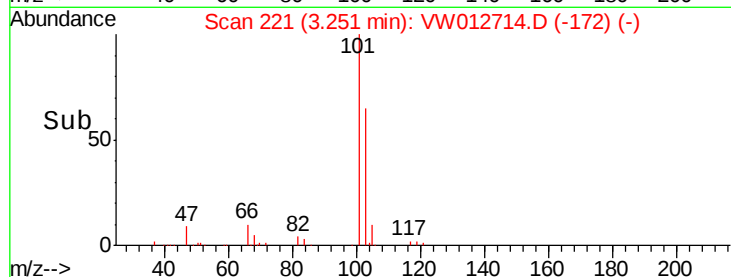
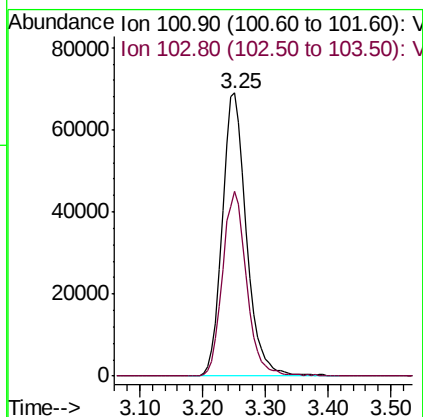
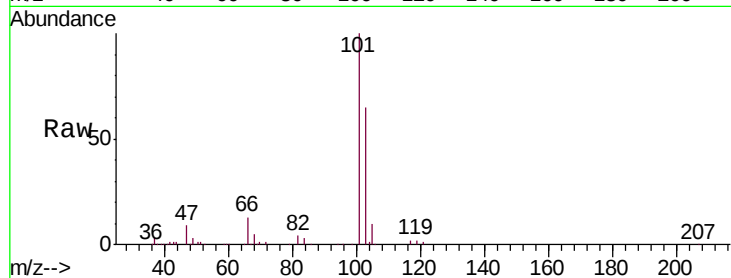


#7

Trichlorofluoromethane
 Concen: 153.129 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
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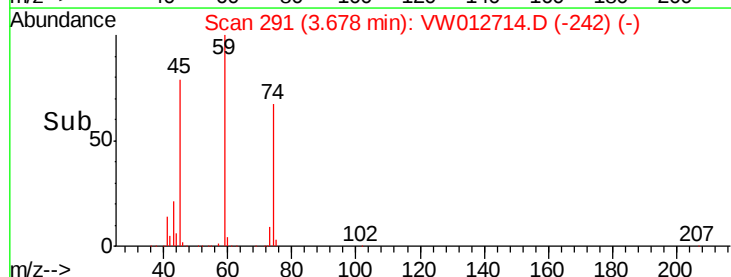
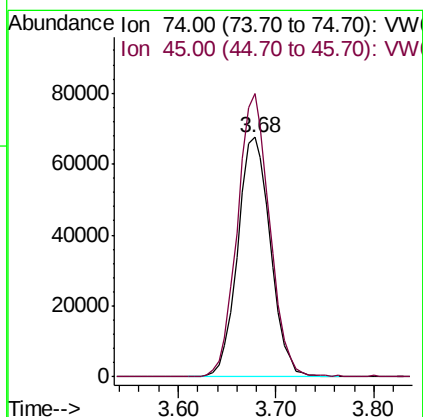
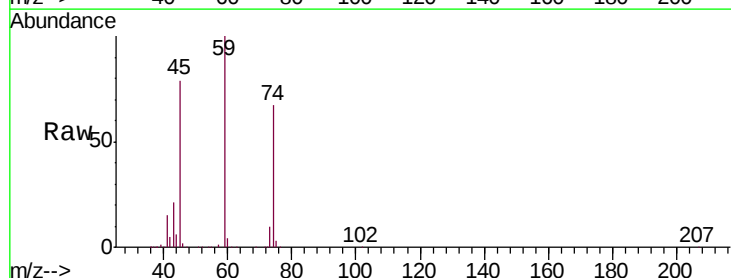
Tgt Ion: 101 Resp: 183921
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.0 73.4

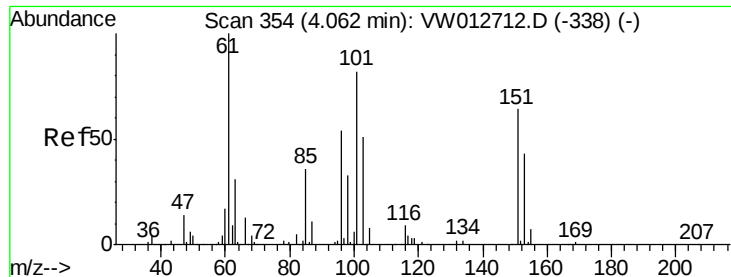


#8

Diethyl Ether
 Concen: 155.141 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 74 Resp: 156611
 Ion Ratio Lower Upper
 74 100
 45 116.4 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.690 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012714.D

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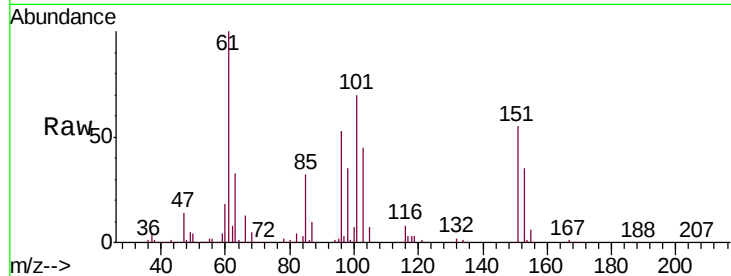
Tgt Ion:101 Resp: 268951

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.2

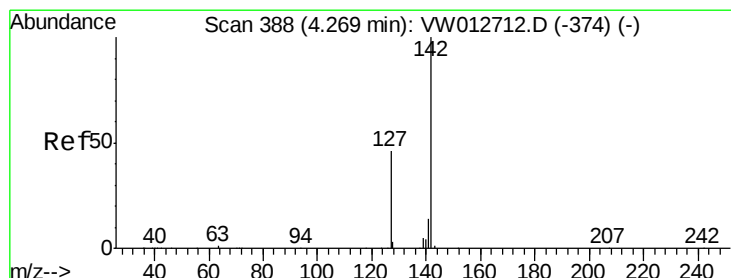
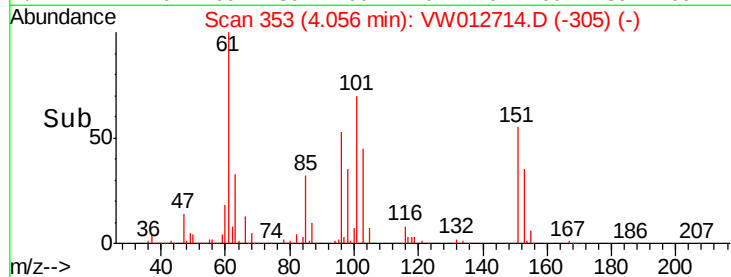
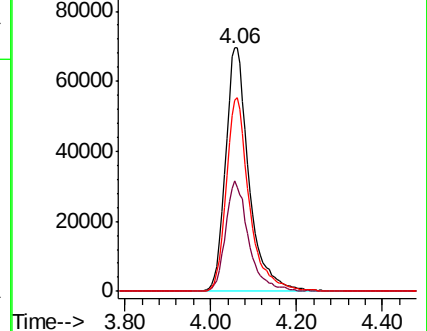
151 78.3 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 139.923 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

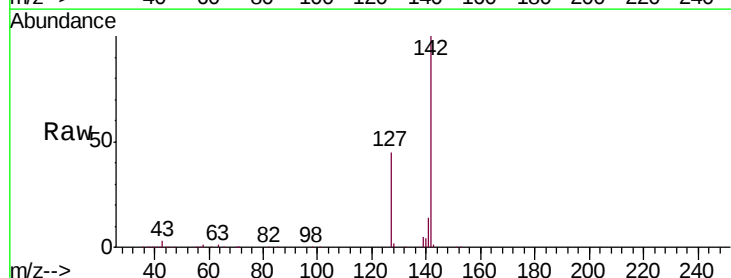
Tgt Ion:142 Resp: 332008

Ion Ratio Lower Upper

142 100

127 44.8 36.0 54.0

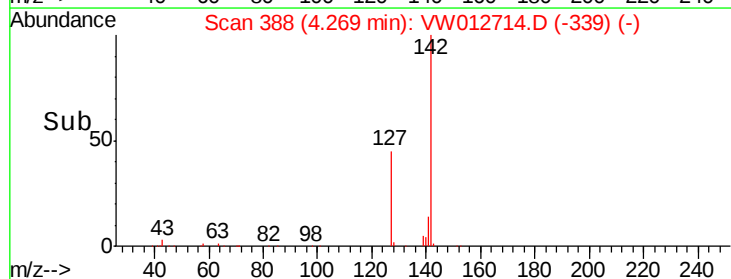
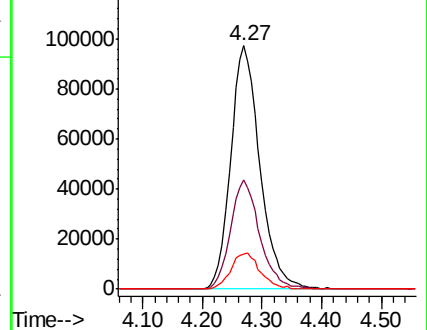
141 14.9 12.2 18.4

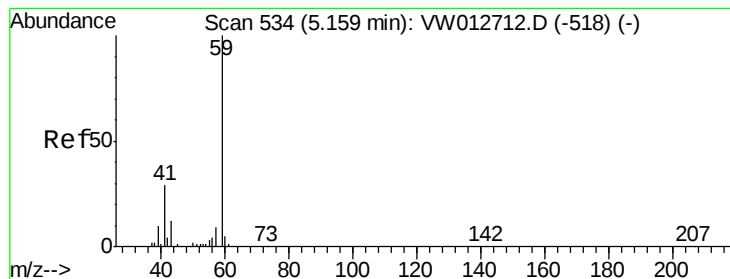


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



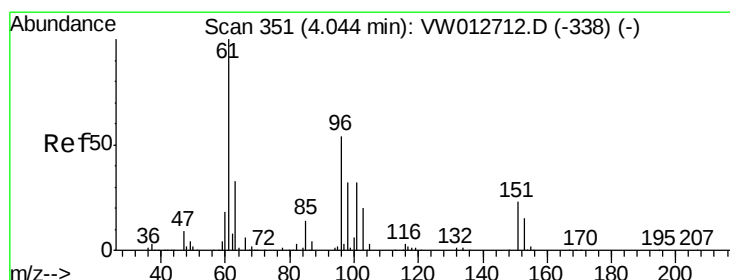
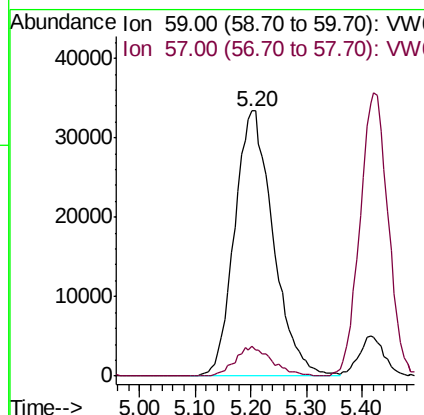
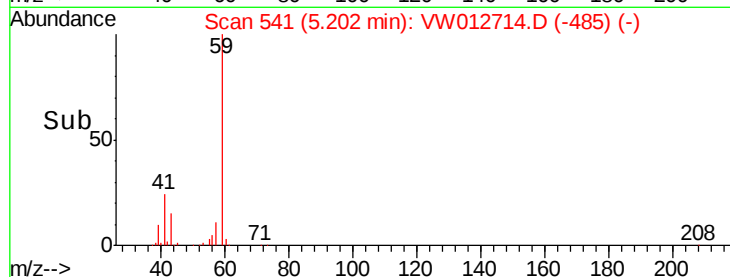
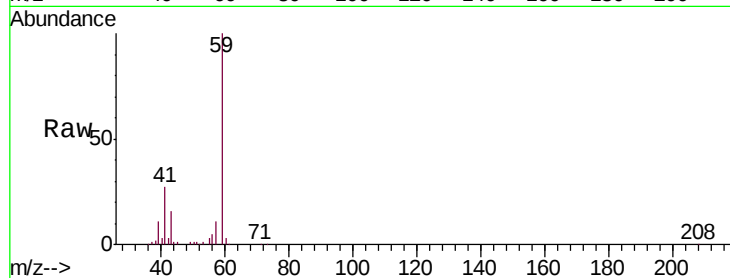


#11

Tert butyl alcohol
Concen: 873.774 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

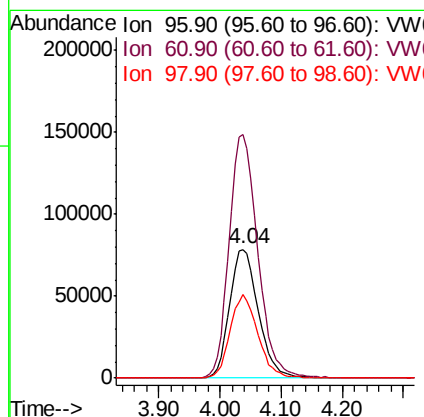
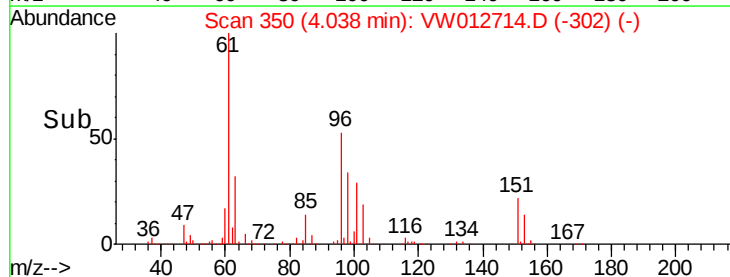
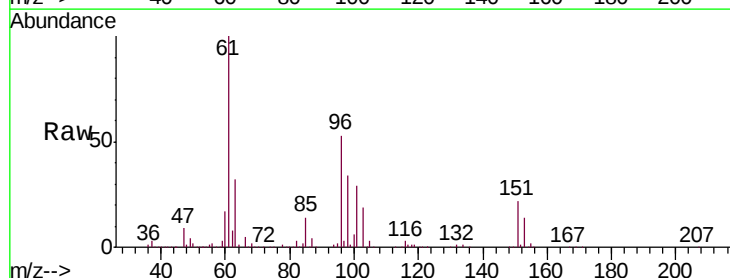
Tgt Ion: 59 Resp: 160939
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

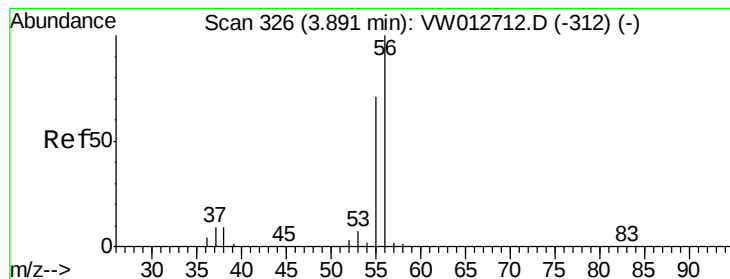


#12

1,1-Dichloroethene
Concen: 143.195 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 96 Resp: 254785
Ion Ratio Lower Upper
96 100
61 188.8 147.8 221.6
98 64.8 47.9 71.9





#13

Acrolein

Concen: 795.727 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

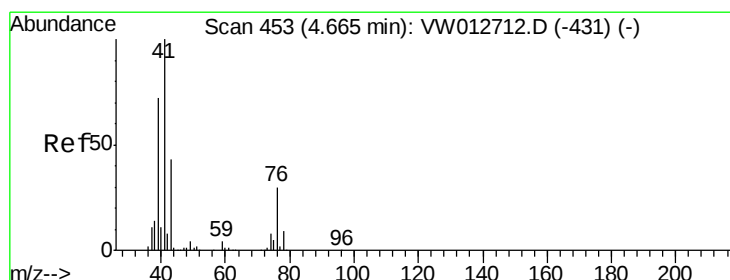
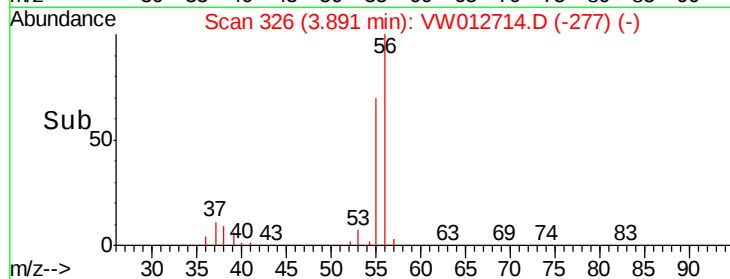
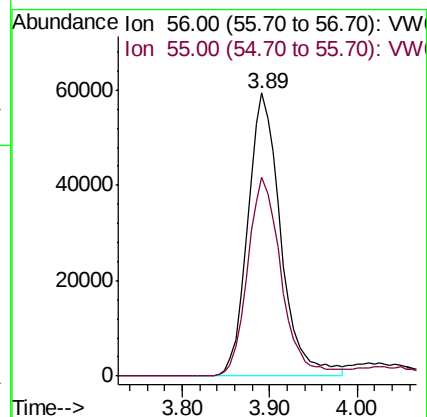
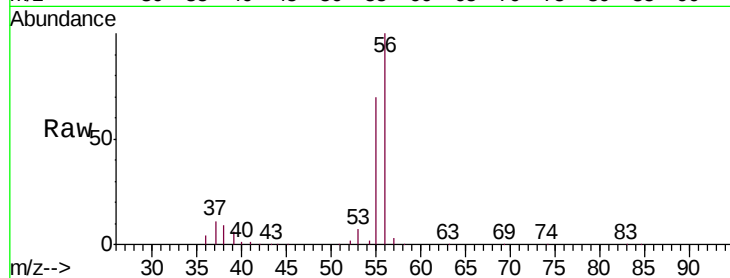
VSTDIC150

Tgt Ion: 56 Resp: 155531

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 147.946 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

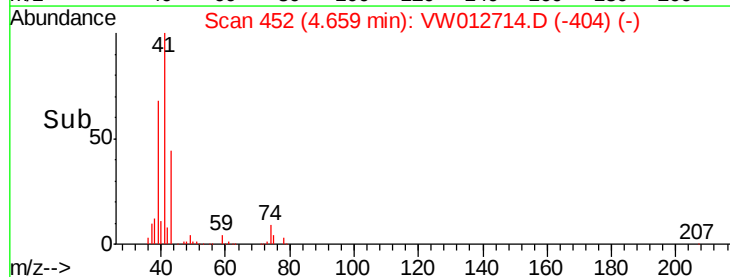
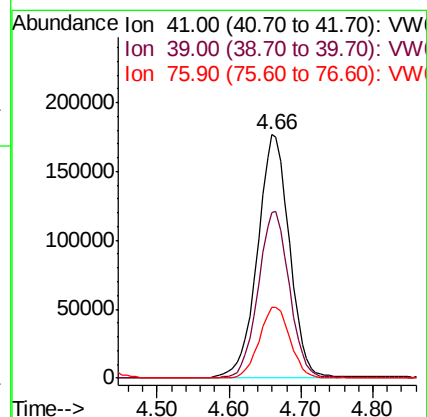
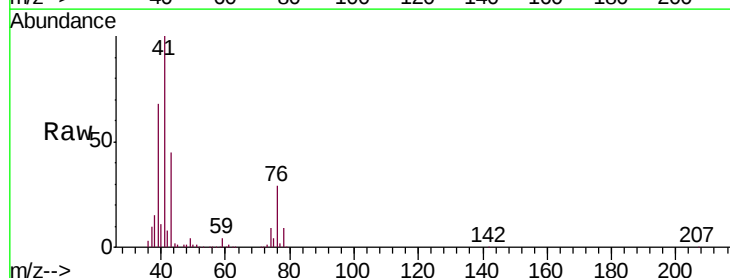
Tgt Ion: 41 Resp: 544548

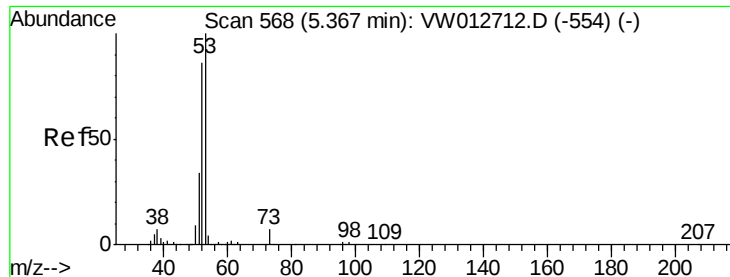
Ion Ratio Lower Upper

41 100

39 67.2 55.0 82.6

76 28.2 23.0 34.4





#15

Acrylonitrile

Concen: 854.907 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

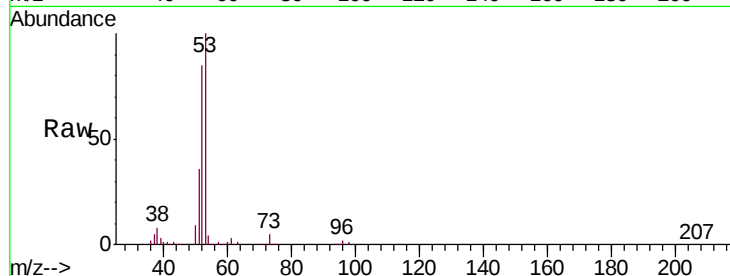
Tgt Ion: 53 Resp: 504062

Ion Ratio Lower Upper

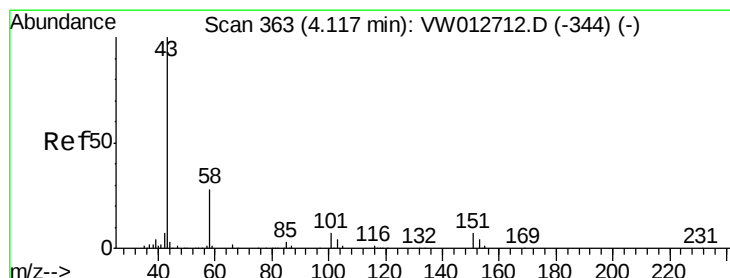
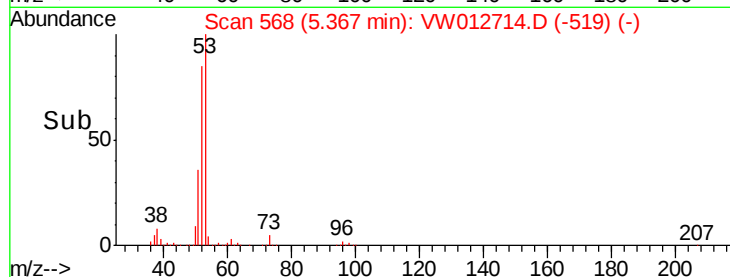
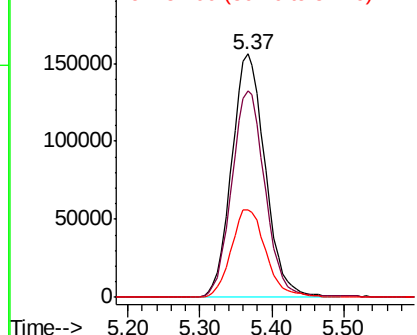
53 100

52 84.4 67.0 100.4

51 37.5 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 855.608 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012714.D

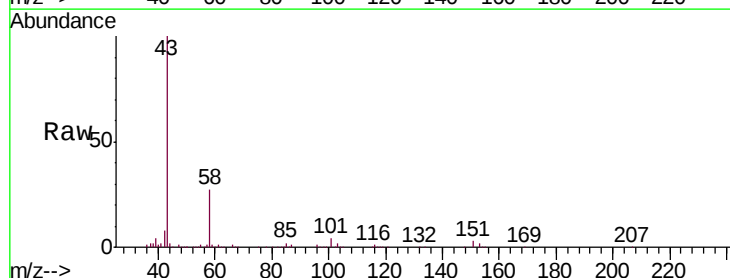
Acq: 07 Sep 2019 11:56

Tgt Ion: 43 Resp: 561530

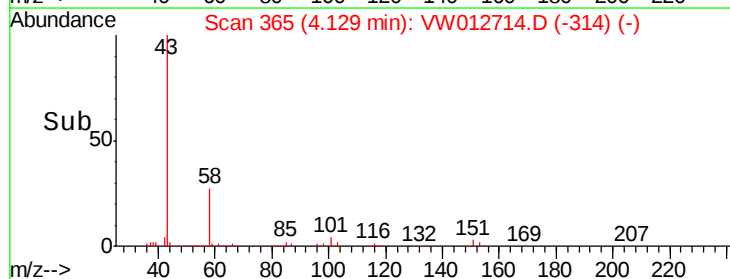
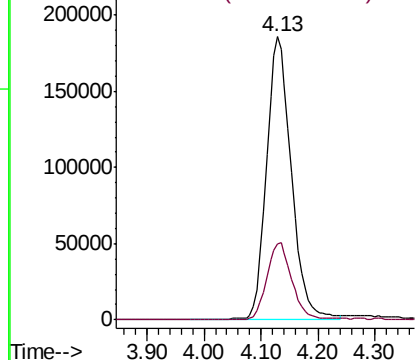
Ion Ratio Lower Upper

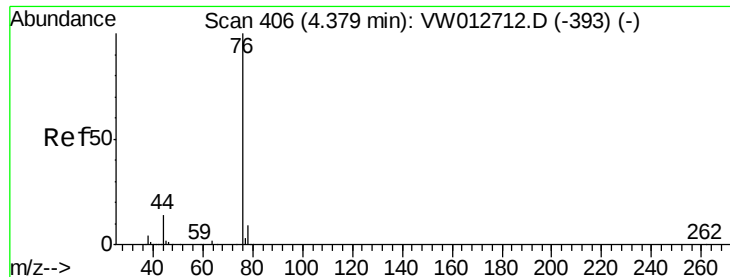
43 100

58 26.8 22.6 33.8



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





#17

Carbon Disulfide

Concen: 140.799 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

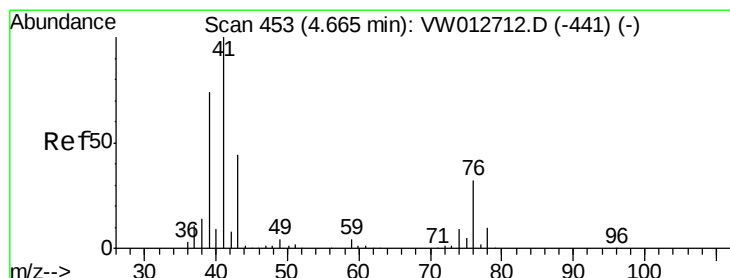
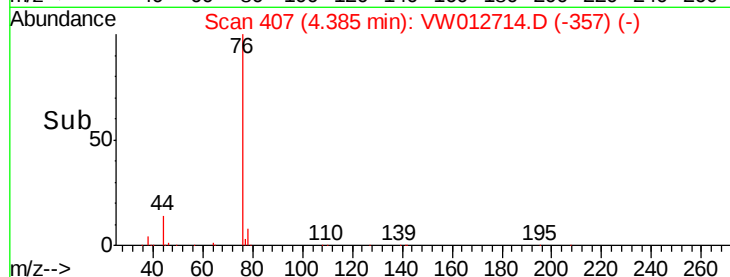
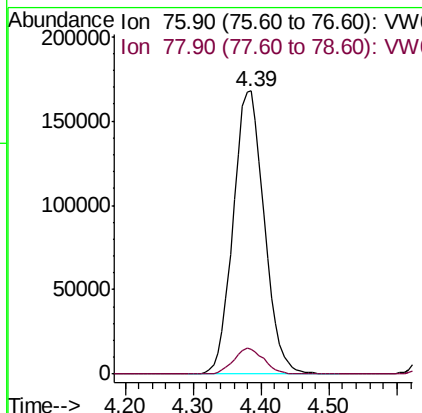
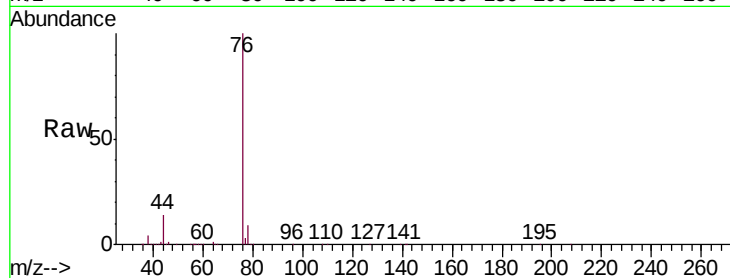
VSTDIC150

Tgt Ion: 76 Resp: 531770

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 171.674 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012714.D

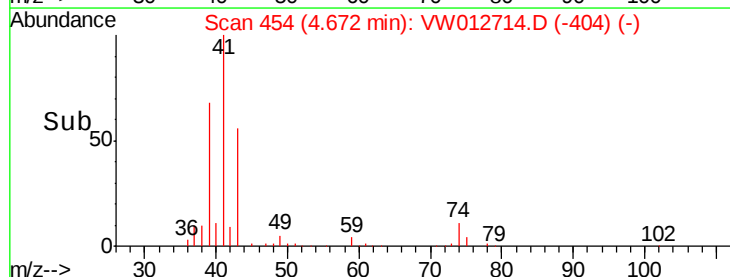
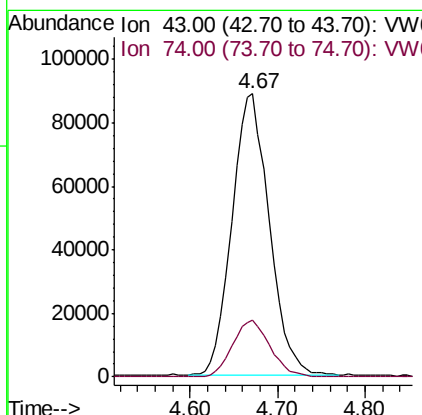
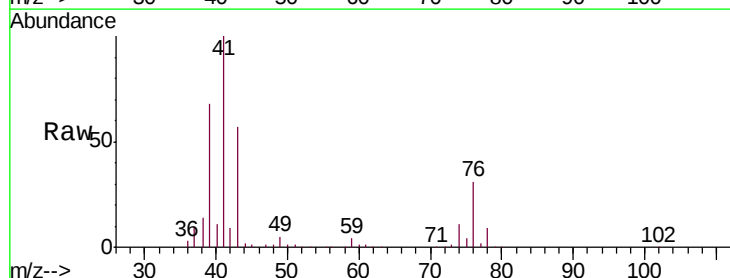
Acq: 07 Sep 2019 11:56

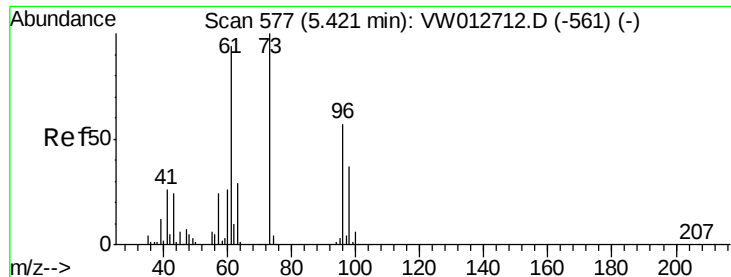
Tgt Ion: 43 Resp: 264338

Ion Ratio Lower Upper

43 100

74 20.2 15.8 23.6

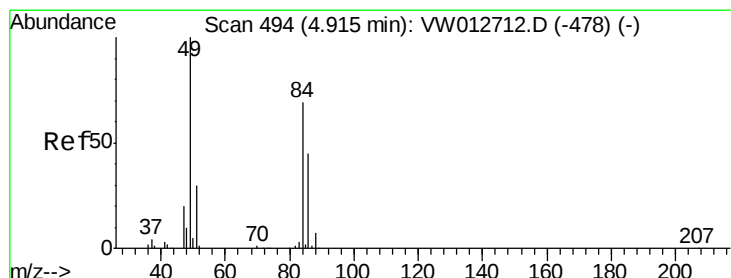
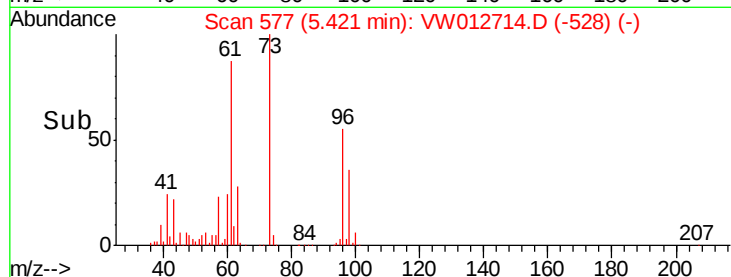
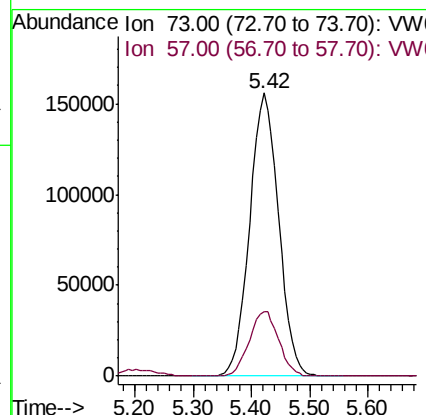
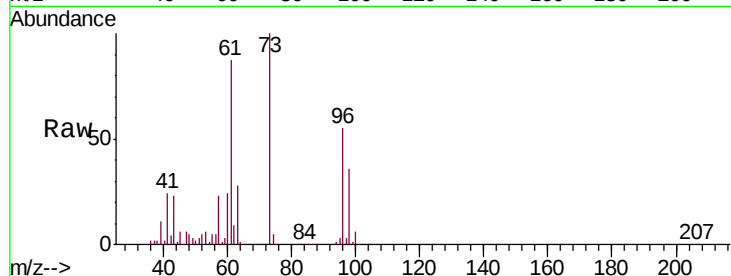




#19
Methyl tert-butyl Ether
Concen: 151.753 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

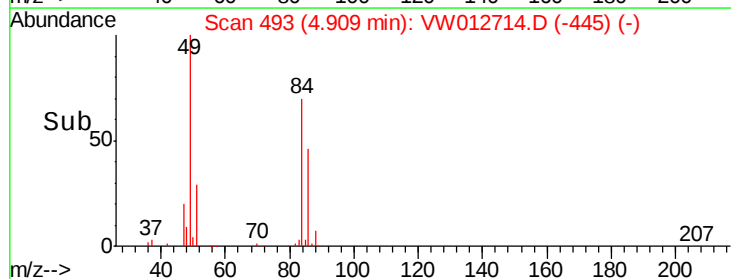
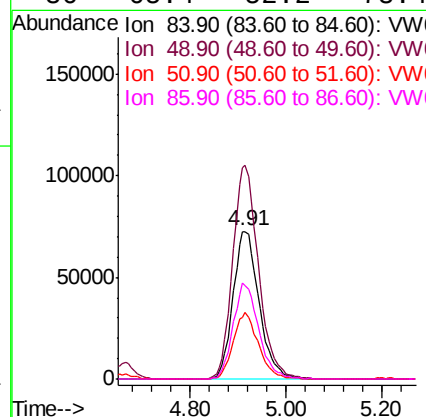
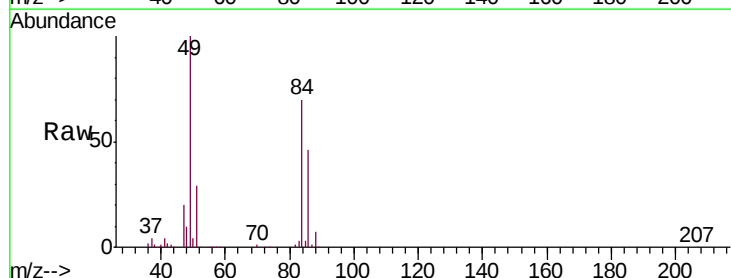
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

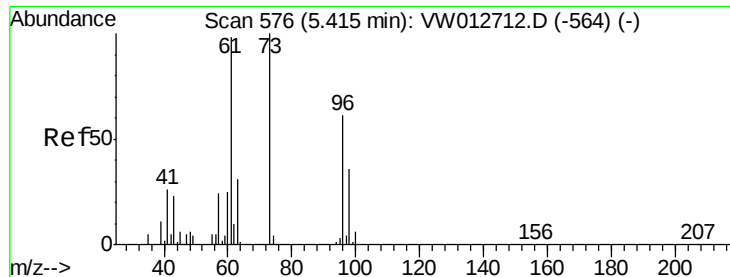
Tgt Ion: 73 Resp: 535492
Ion Ratio Lower Upper
73 100
57 22.8 19.2 28.8



#20
Methylene Chloride
Concen: 133.505 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 84 Resp: 274117
Ion Ratio Lower Upper
84 100
49 143.2 115.4 173.0
51 41.8 34.9 52.3
86 65.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 143.903 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

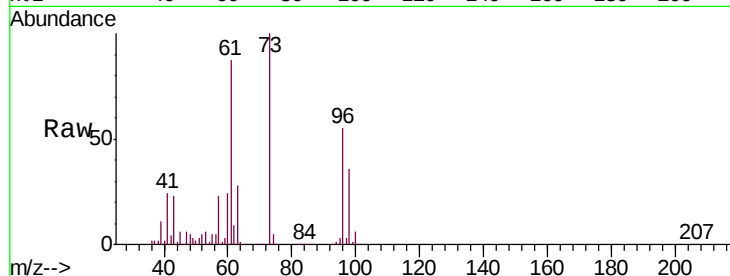
Tgt Ion: 96 Resp: 261255

Ion Ratio Lower Upper

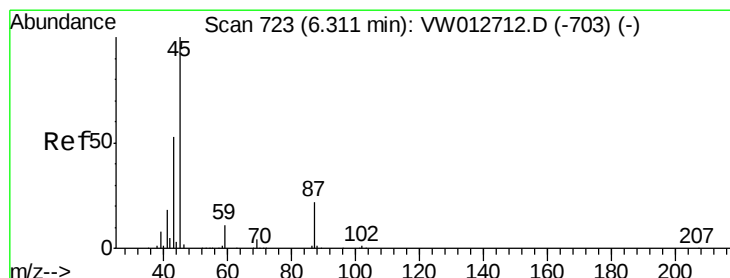
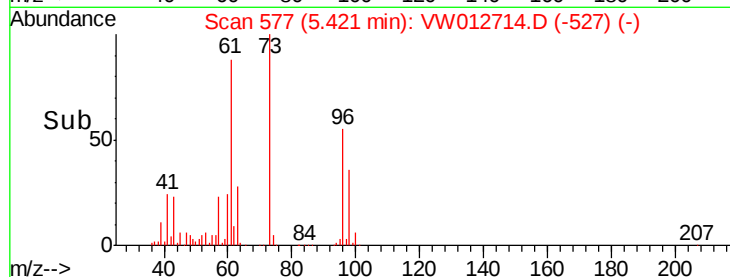
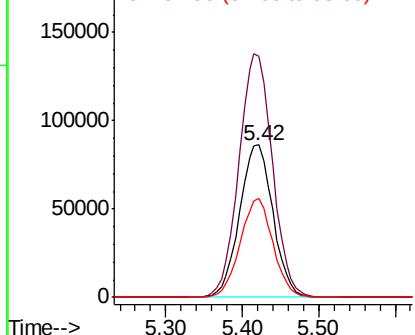
96 100

61 157.9 129.2 193.8

98 64.6 48.0 72.0



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: 146.915 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Tgt Ion: 45 Resp: 1072505

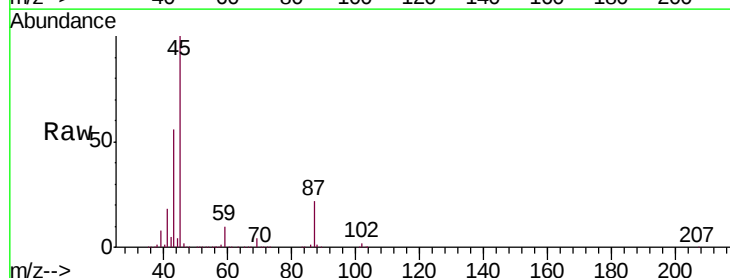
Ion Ratio Lower Upper

45 100

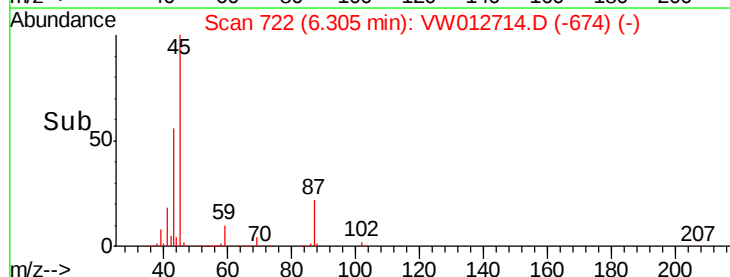
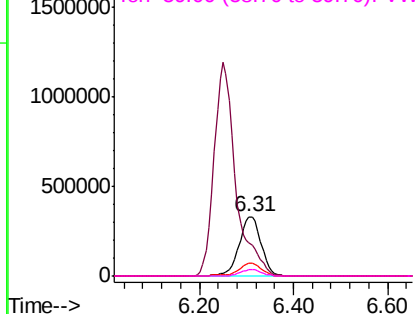
43 56.3 42.3 63.5

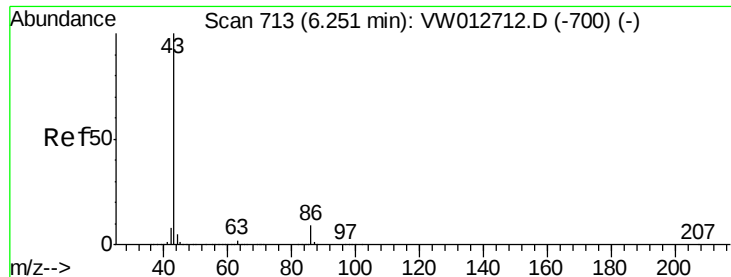
87 22.1 18.2 27.2

59 10.5 8.5 12.7



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

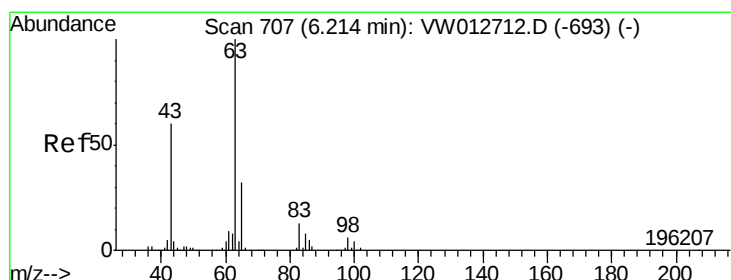
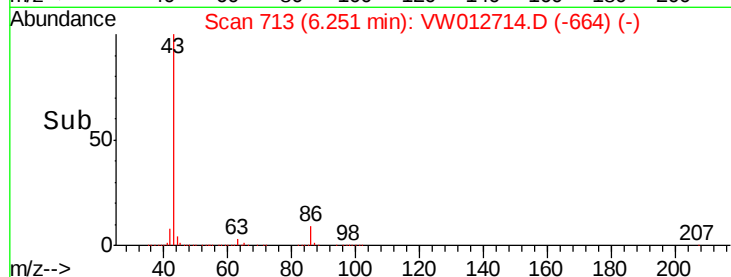
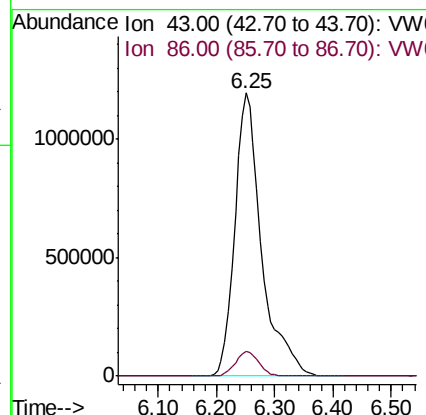
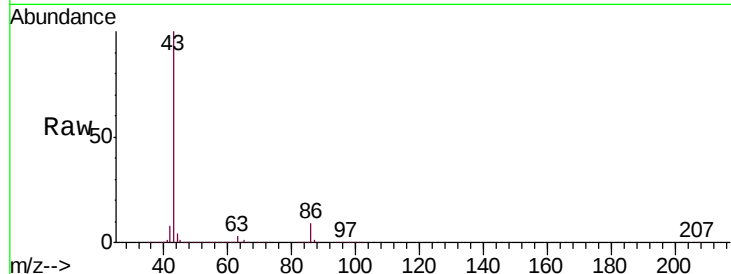




#23
 Vinyl Acetate
 Concen: 822.254 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

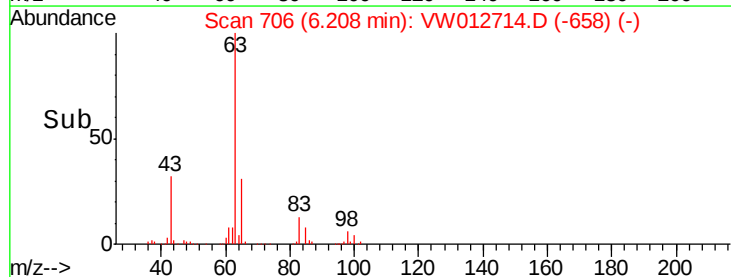
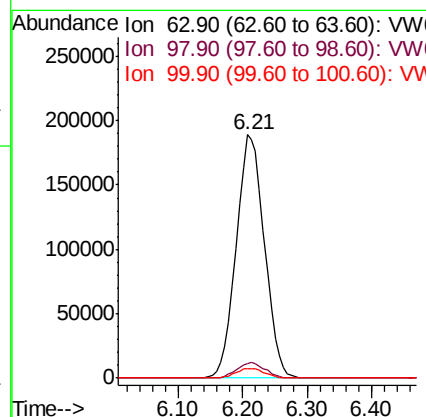
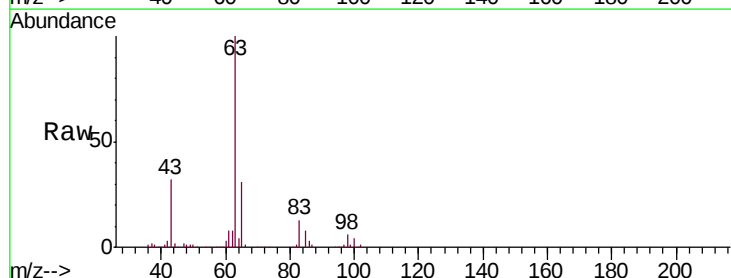
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

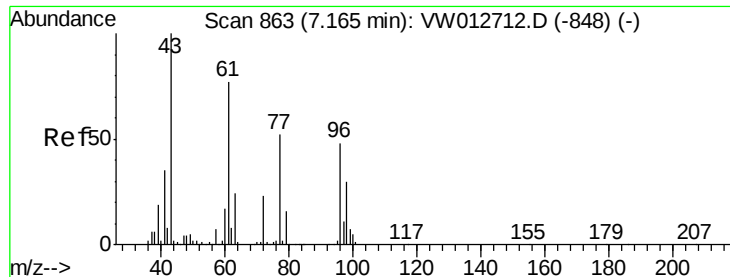
Tgt Ion: 43 Resp: 3804120
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 146.338 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 63 Resp: 575213
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 894.916 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

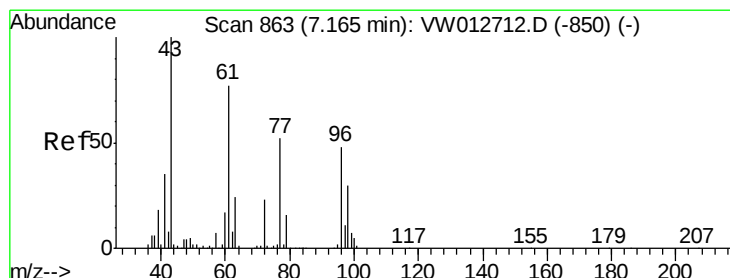
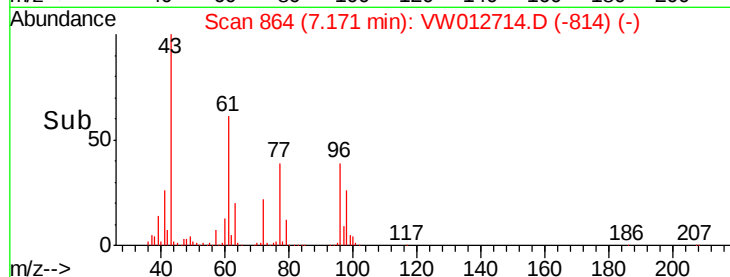
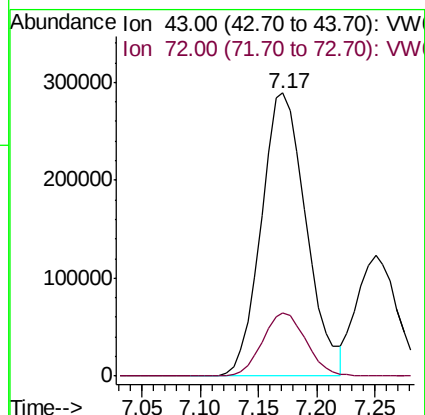
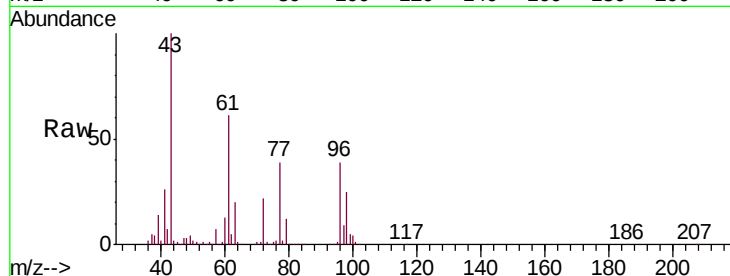
VSTDIC150

Tgt Ion: 43 Resp: 775258

Ion Ratio Lower Upper

43 100

72 22.3 18.0 27.0



#26

2,2-Dichloropropane

Concen: 141.793 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012714.D

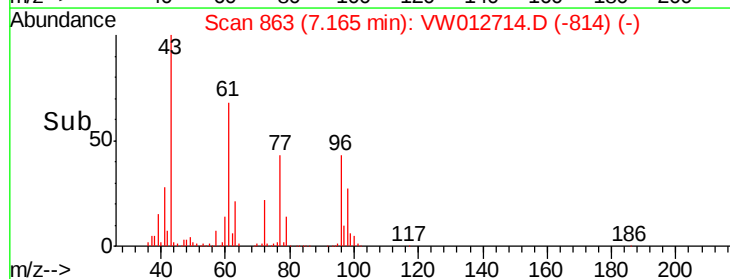
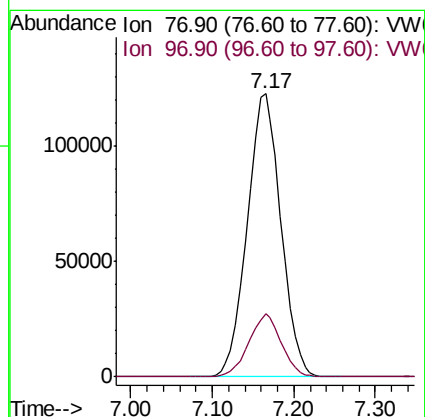
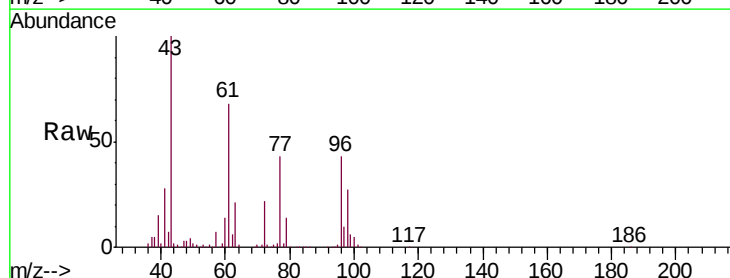
Acq: 07 Sep 2019 11:56

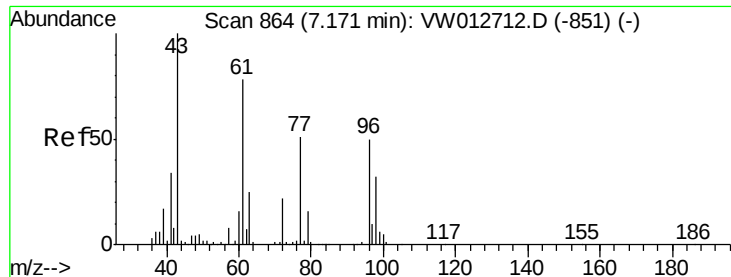
Tgt Ion: 77 Resp: 352018

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



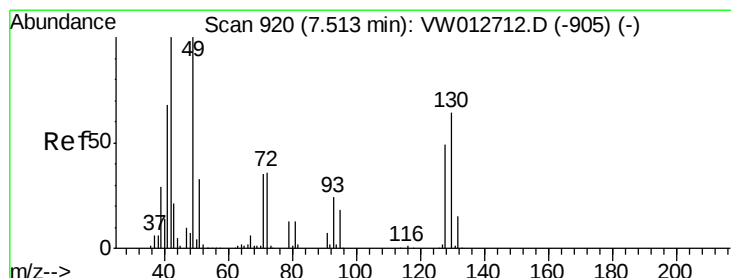
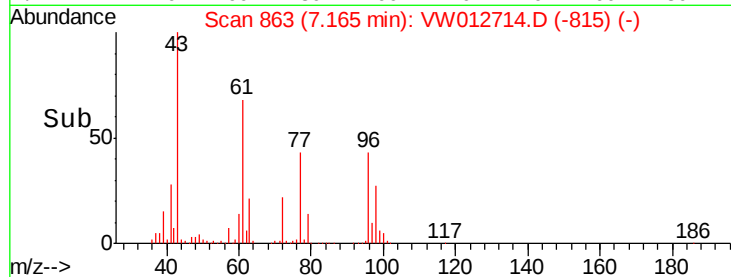
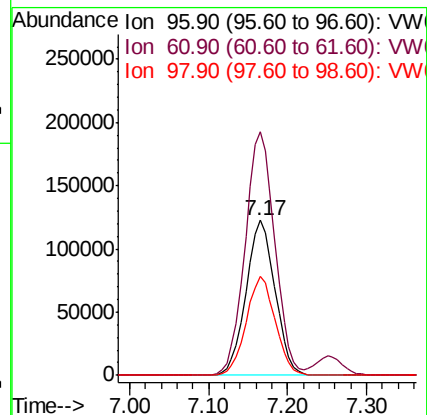
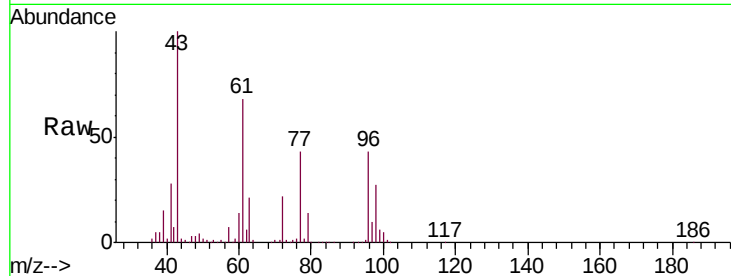


#27

cis-1,2-Dichloroethene
 Concen: 148.725 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

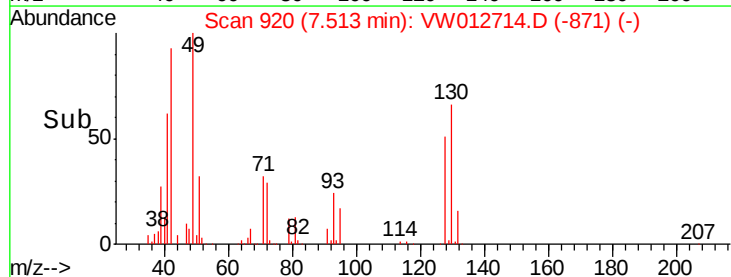
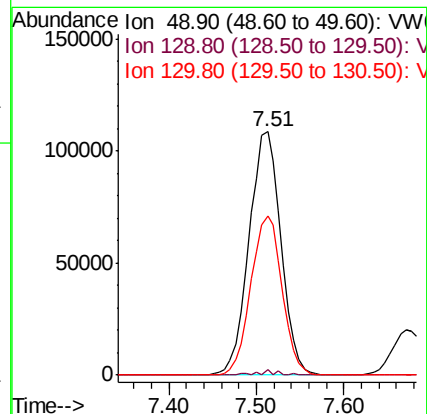
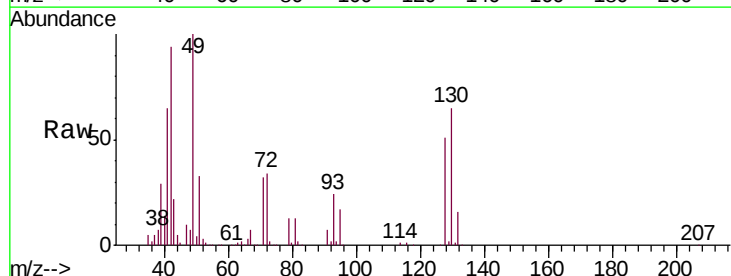
Tgt Ion	Resp	Lower	Upper
96	313079		
96	100		
61	160.9	0.0	325.8
98	63.8	0.0	127.0



#28

Bromochloromethane
 Concen: 152.378 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion	Resp	Lower	Upper
49	275023		
49	100		
129	0.8	0.0	0.8
130	64.0	49.8	74.8

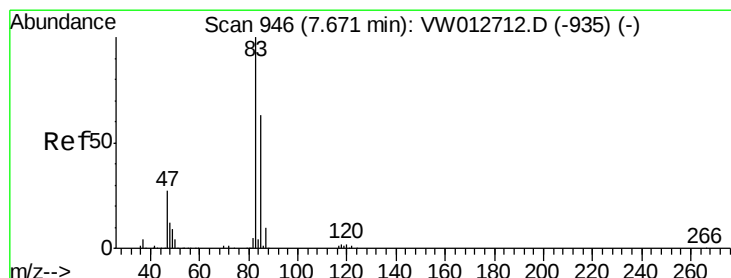
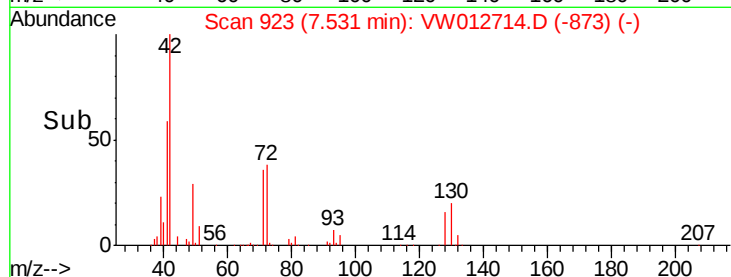
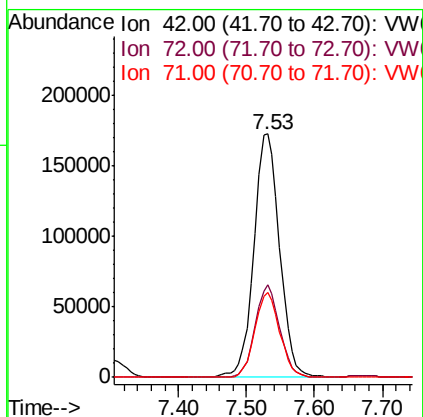
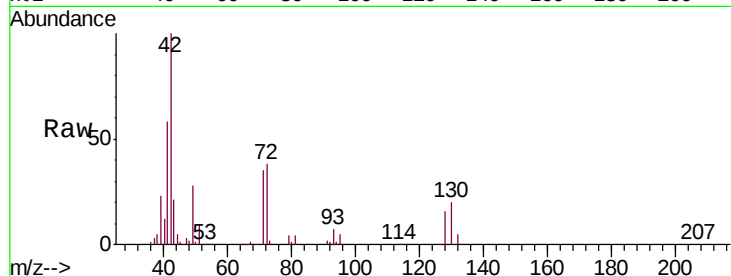




#29
Tetrahydrofuran
Concen: 860.575 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

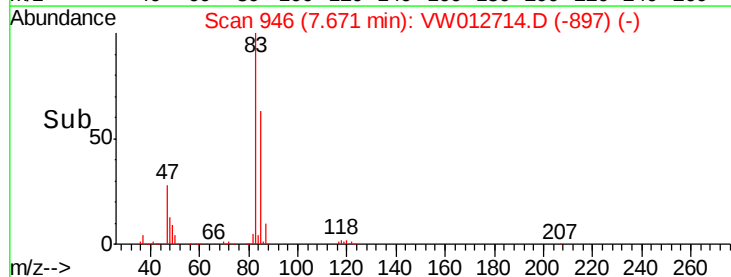
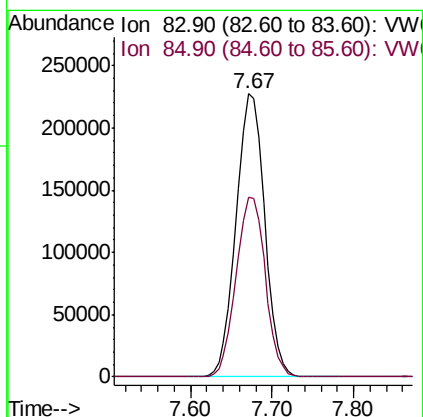
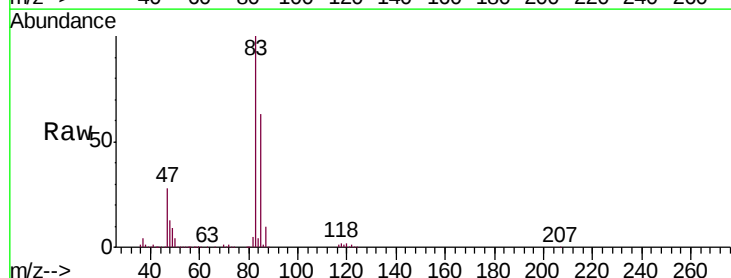
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

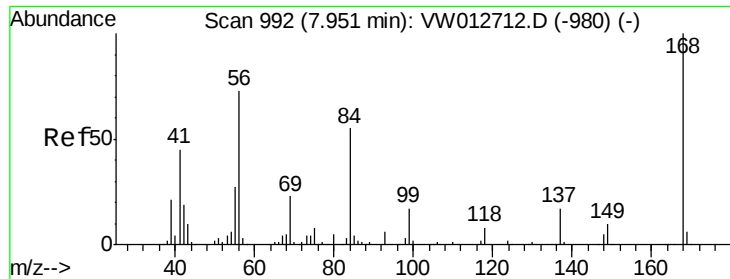
Tgt Ion: 42 Resp: 456090
Ion Ratio Lower Upper
42 100
72 36.3 28.4 42.6
71 33.9 27.1 40.7



#30
Chloroform
Concen: 141.815 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 83 Resp: 552451
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0

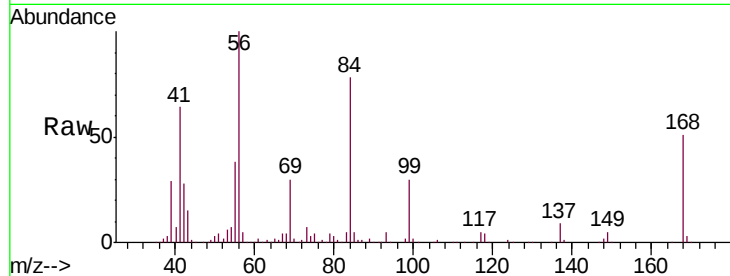




#31
Cyclohexane
Concen: 132.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.7	38.5
84	76.3	60.4	90.6

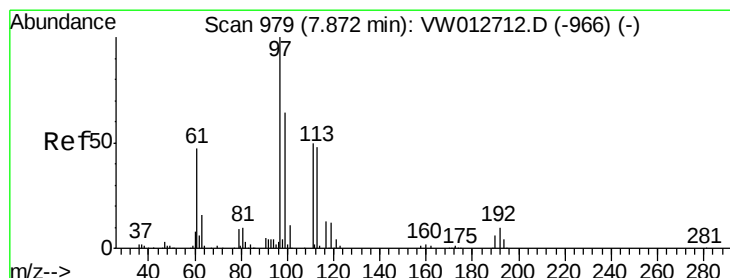
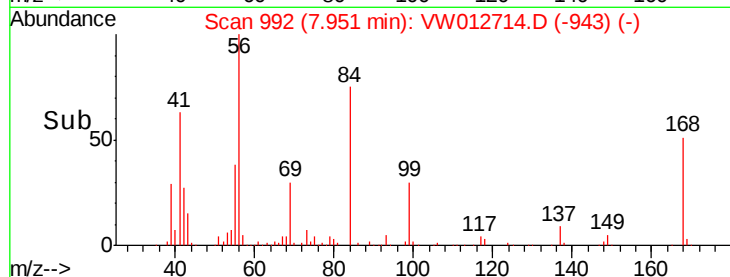
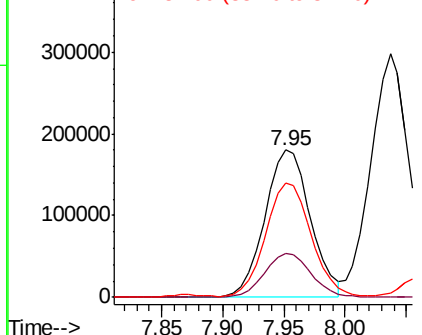


Abundance

Ion 56.00 (55.70 to 56.70): VW

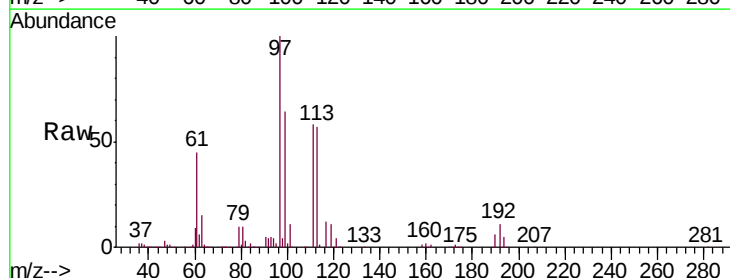
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 144.913 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	46.3	37.9	56.9

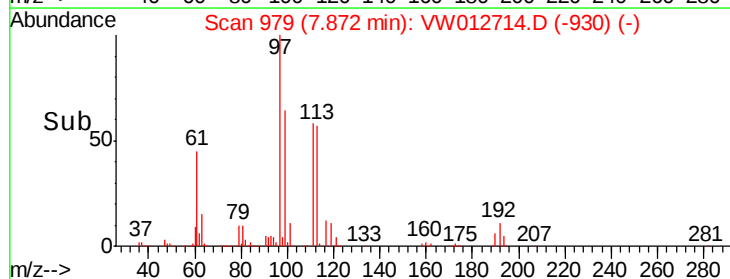
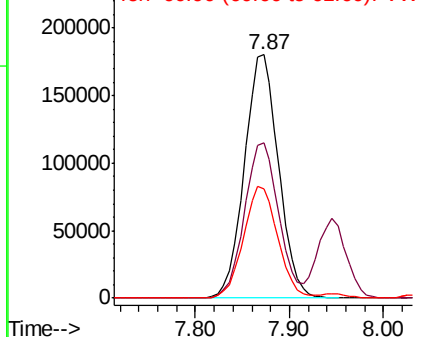


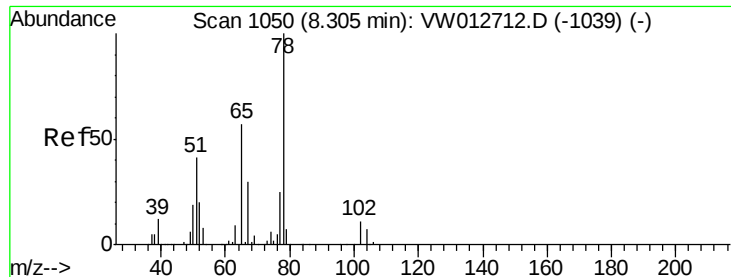
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

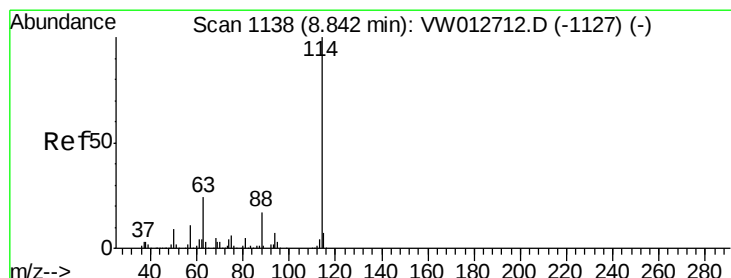
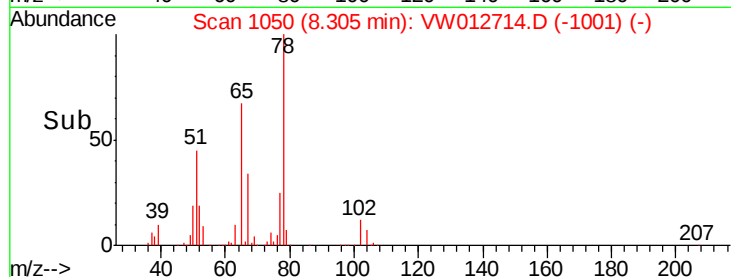
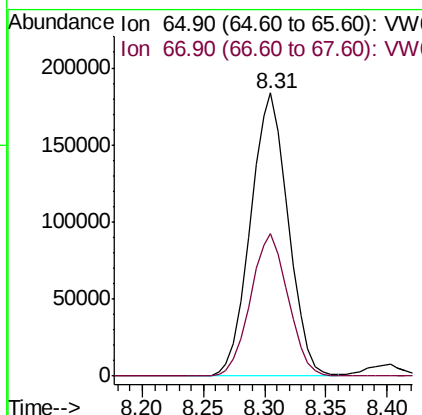
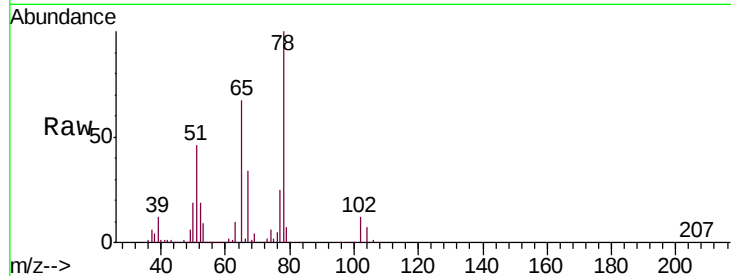




#33
 1,2-Dichloroethane-d4
 Concen: 163.485 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

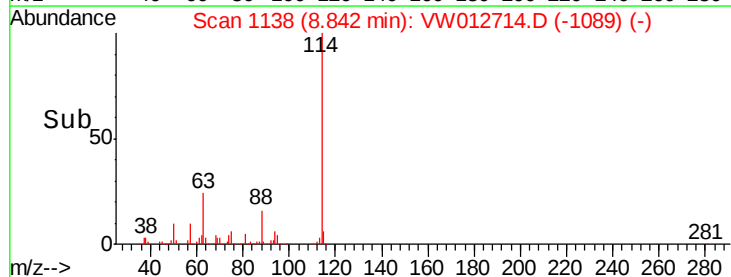
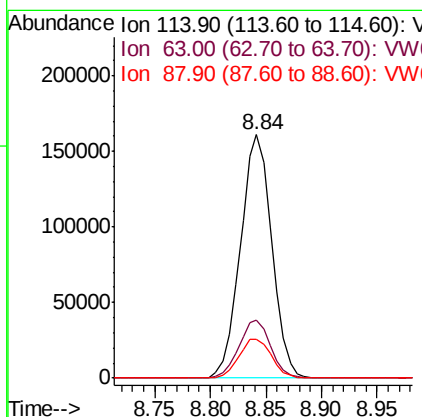
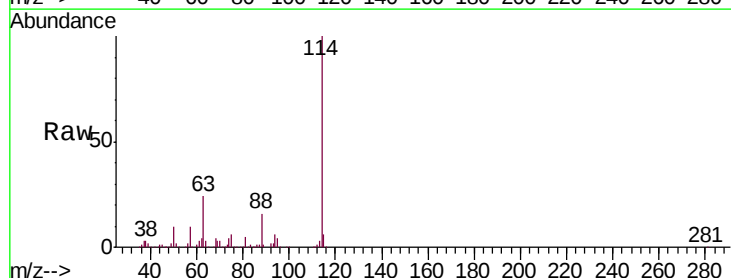
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 393566
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 114 Resp: 314540
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.2
 88 16.1 0.0 34.0

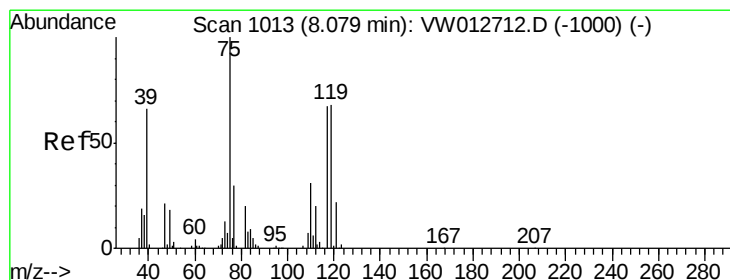
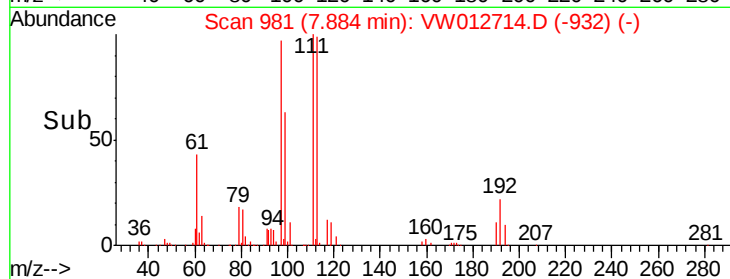
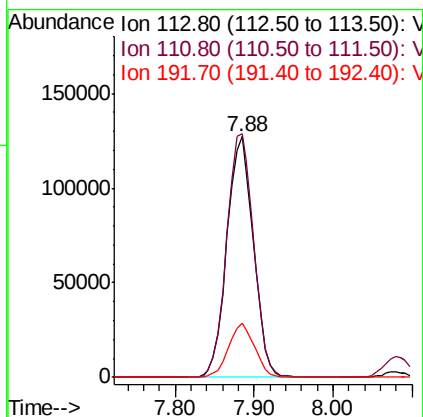
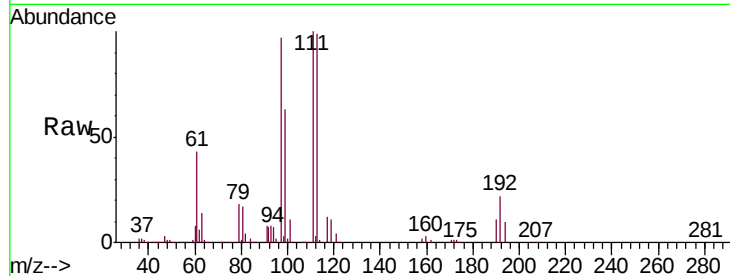




#35
 Dibromofluoromethane
 Concen: 159.128 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

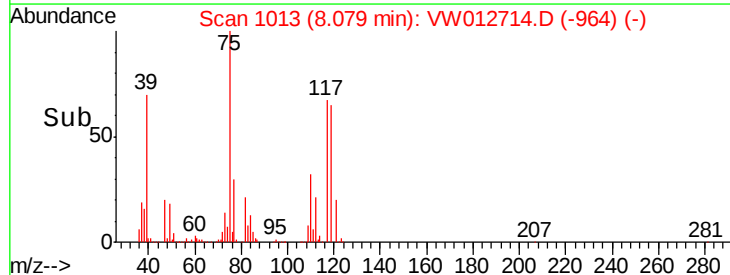
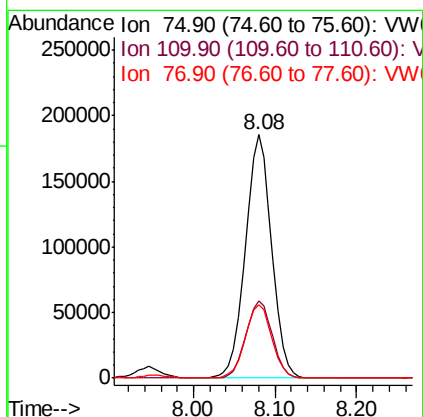
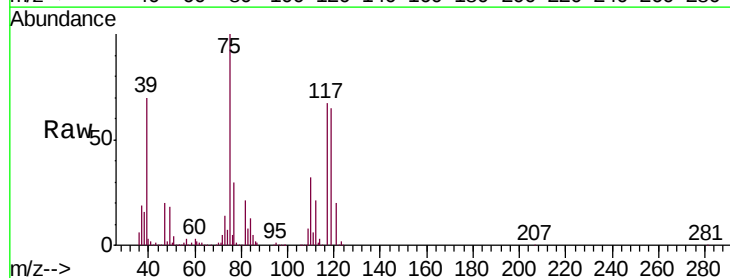
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

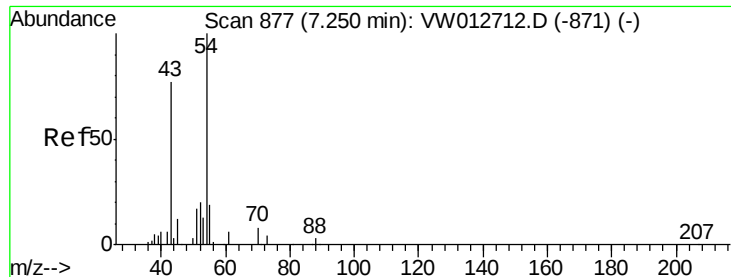
Tgt Ion: 113 Resp: 297573
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.2 120.4
 192 21.9 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 148.159 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 75 Resp: 414070
 Ion Ratio Lower Upper
 75 100
 110 32.0 15.9 47.7
 77 30.9 25.0 37.4

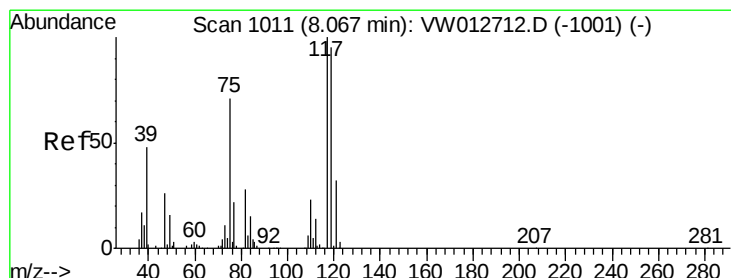
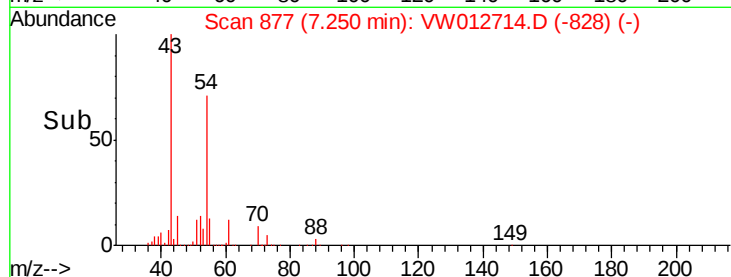
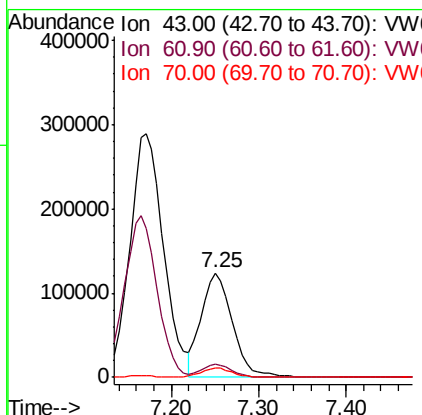
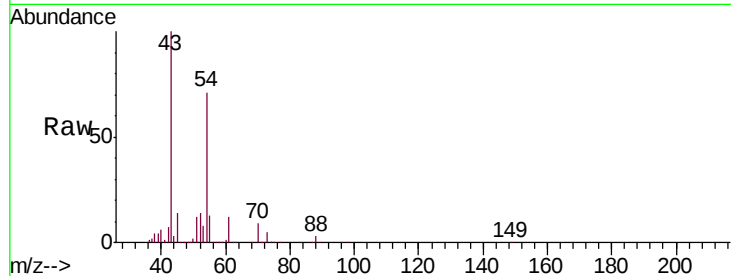




#37
 Ethyl Acetate
 Concen: 171.789 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

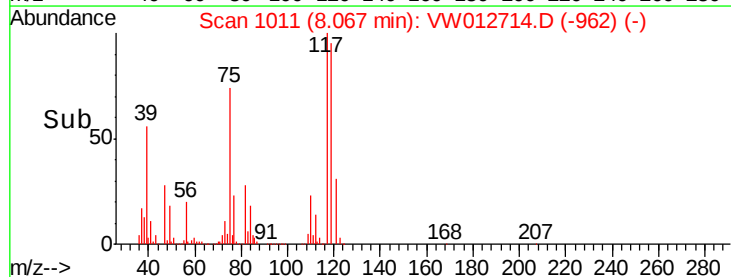
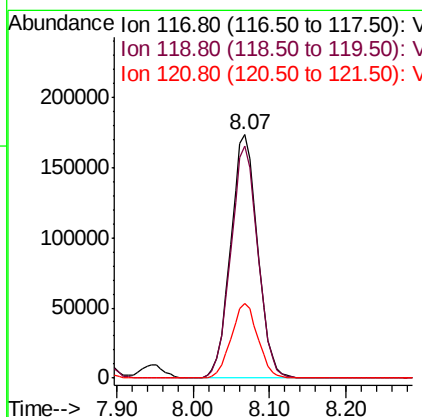
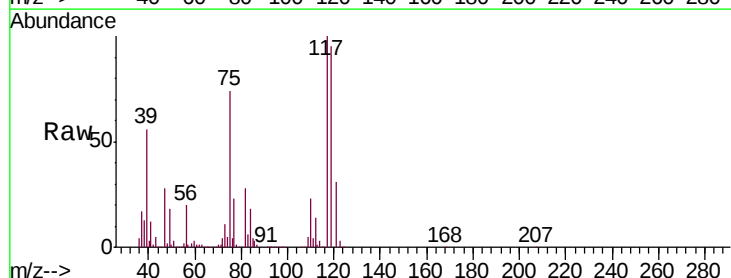
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

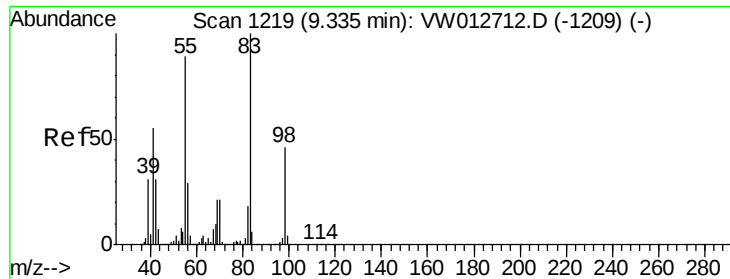
Tgt Ion: 43 Resp: 306057
 Ion Ratio Lower Upper
 43 100
 61 12.0 9.5 14.3
 70 8.9 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 153.474 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 117 Resp: 422814
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.2 114.2
 121 30.8 25.4 38.2

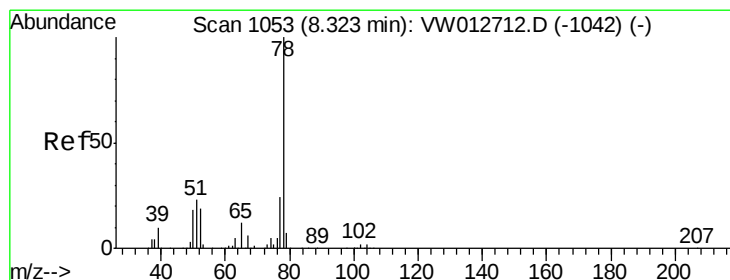
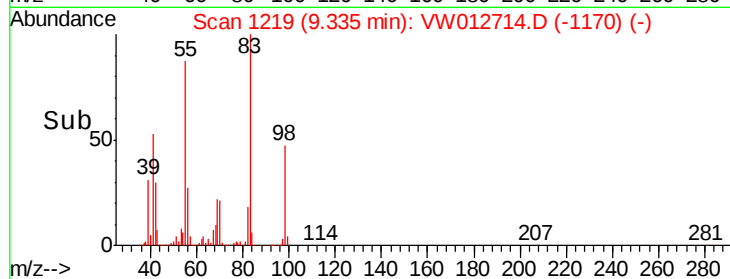
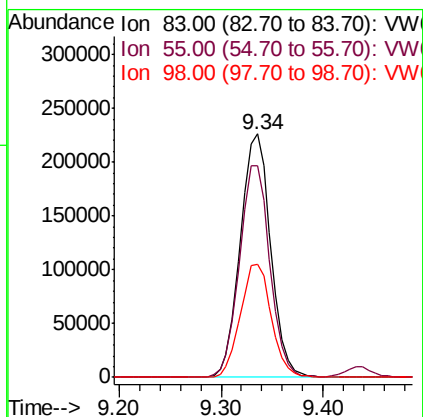
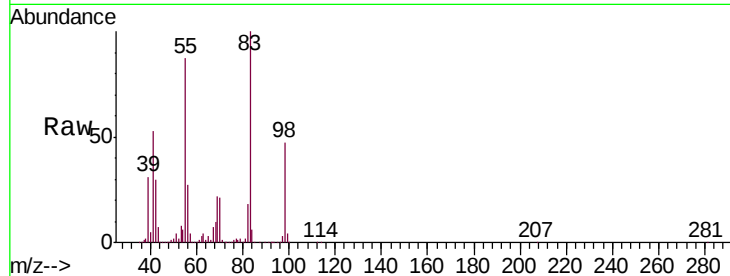




#39
Methylcyclohexane
Concen: 149.471 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

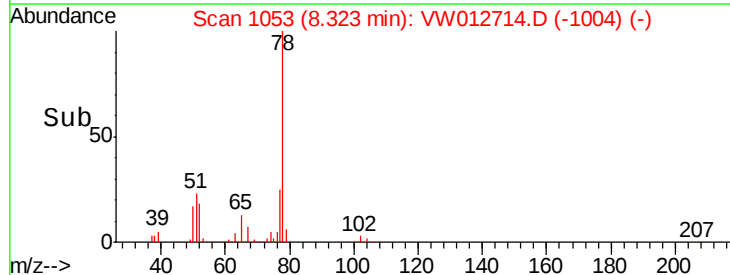
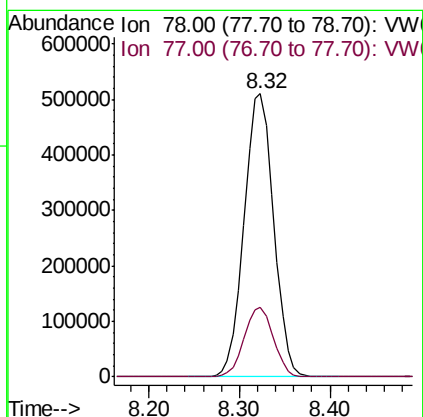
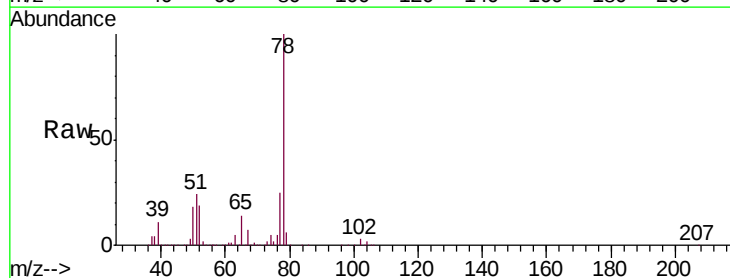
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

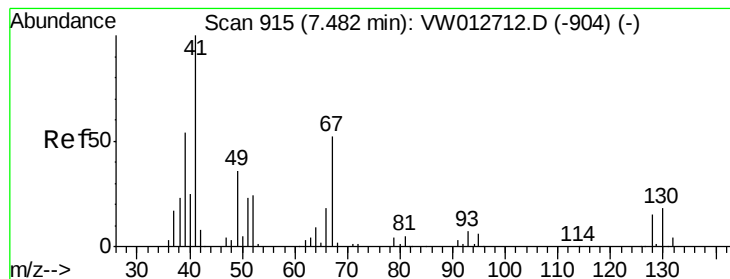
Tgt Ion: 83 Resp: 469175
Ion Ratio Lower Upper
83 100
55 86.8 71.0 106.4
98 46.7 36.9 55.3



#40
Benzene
Concen: 148.463 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 78 Resp: 1151205
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





#41

Methacrylonitrile

Concen: 179.538 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 192860

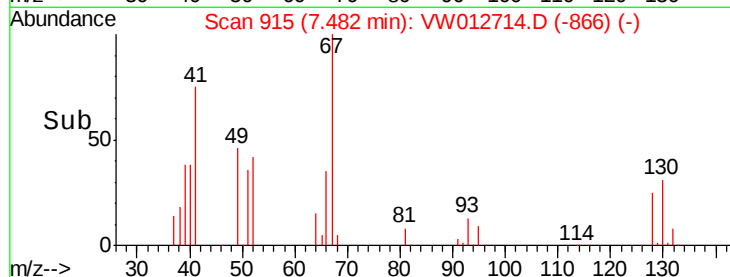
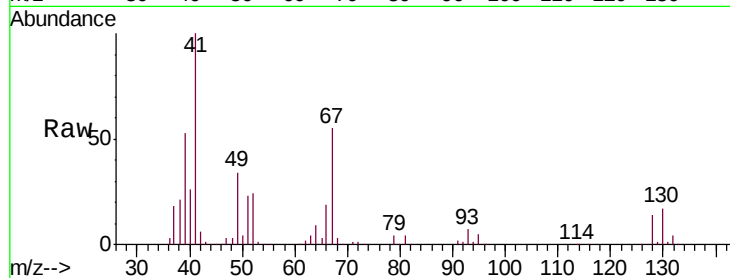
Ion Ratio Lower Upper

41 100

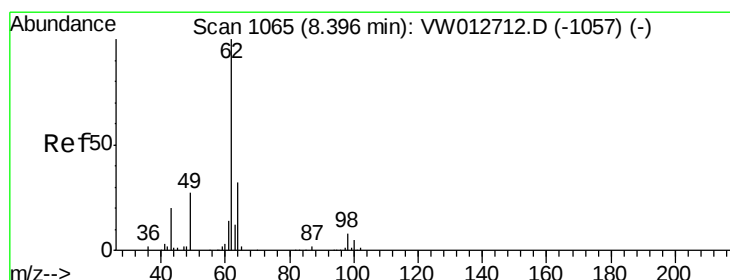
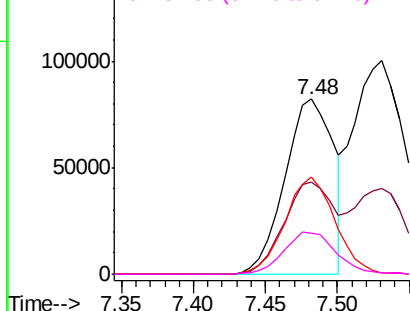
39 53.4 47.5 71.3

67 57.6 45.1 67.7

52 26.3 20.2 30.2



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



#42

1,2-Dichloroethane

Concen: 154.150 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012714.D

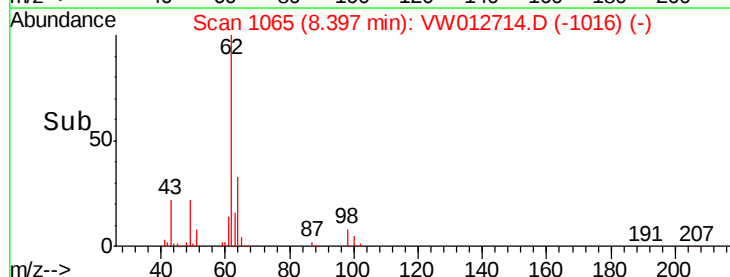
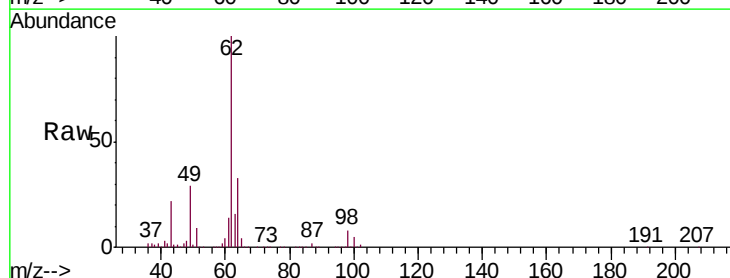
Acq: 07 Sep 2019 11:56

Tgt Ion: 62 Resp: 420670

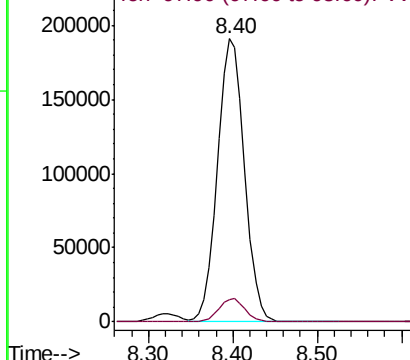
Ion Ratio Lower Upper

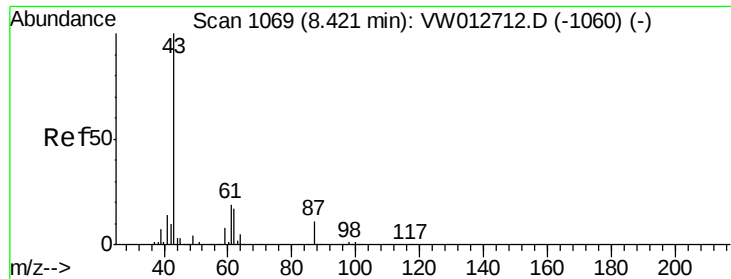
62 100

98 8.1 0.0 16.2



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

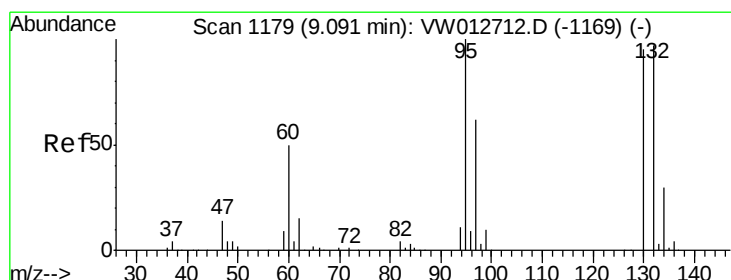
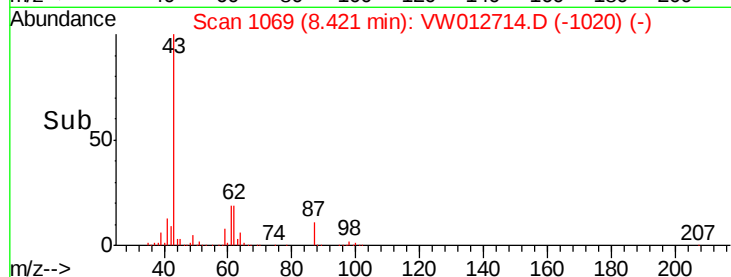
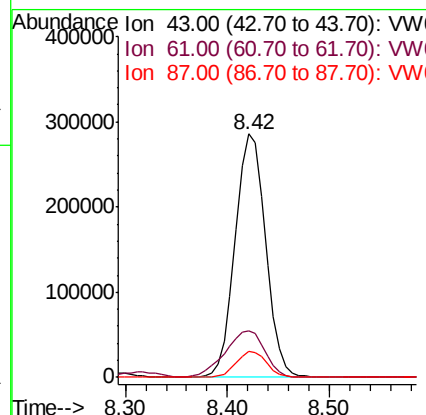
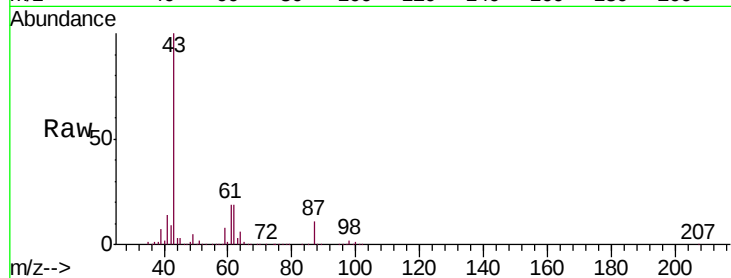




#43
Isopropyl Acetate
Concen: 174.804 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

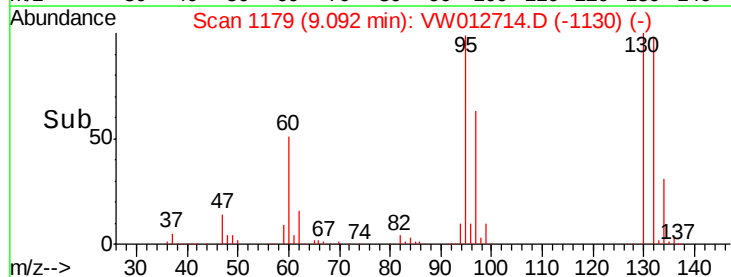
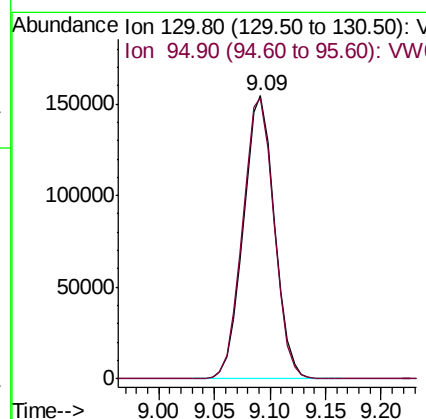
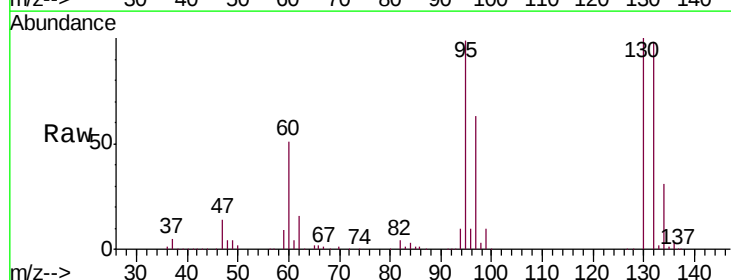
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

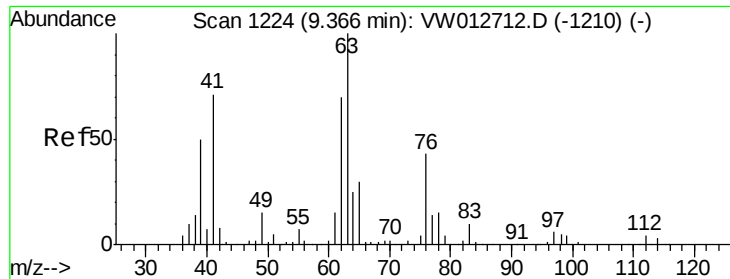
Tgt Ion: 43 Resp: 590021
Ion Ratio Lower Upper
43 100
61 25.1 20.6 30.8
87 10.8 8.6 13.0



#44
Trichloroethene
Concen: 149.601 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 130 Resp: 299019
Ion Ratio Lower Upper
130 100
95 99.4 0.0 210.6

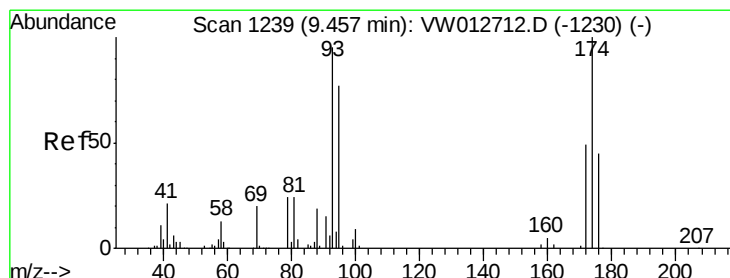
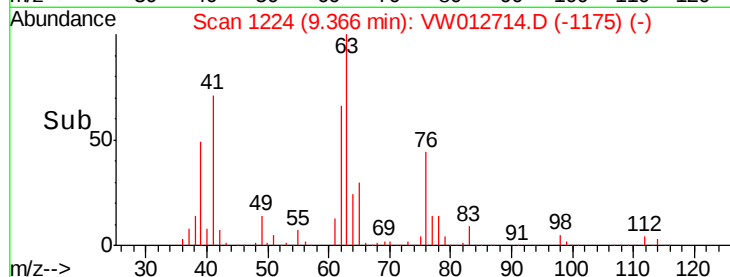
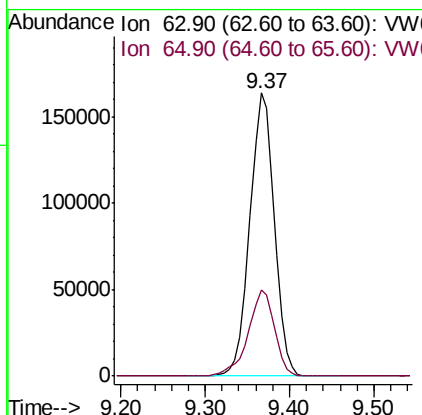
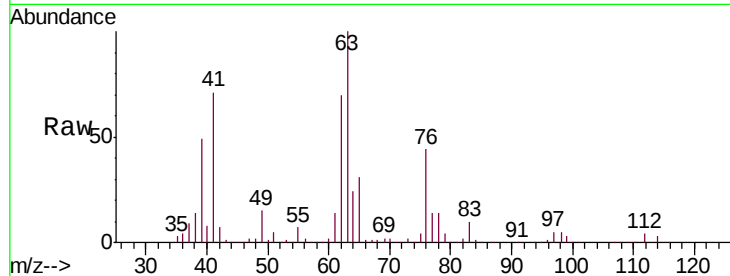




#45
 1,2-Dichloropropane
 Concen: 149.266 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

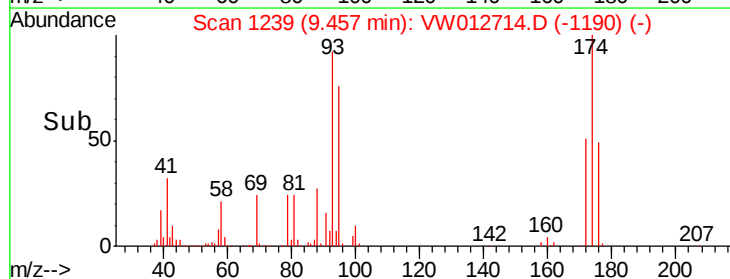
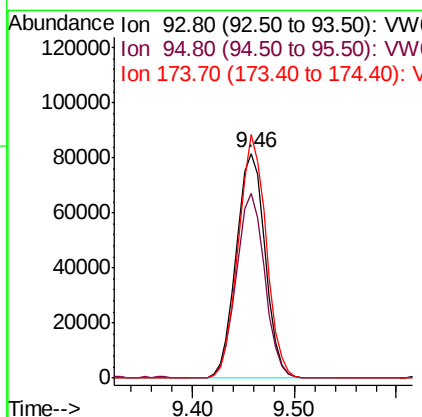
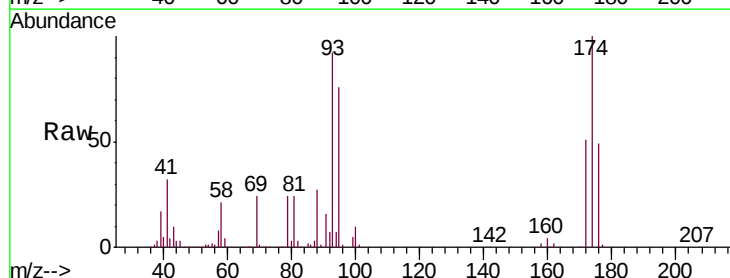
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

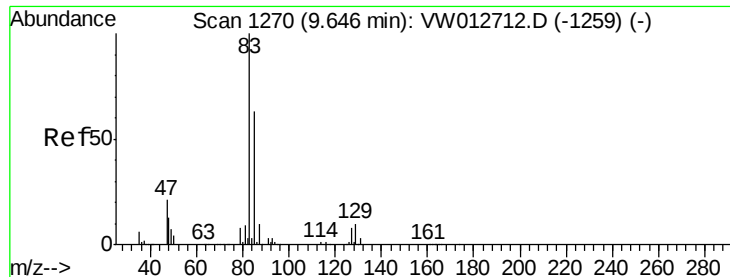
Tgt Ion: 63 Resp: 321017
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.8



#46
 Dibromomethane
 Concen: 157.168 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 93 Resp: 160060
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.2 97.8
 174 104.3 84.2 126.4





#47

Bromodichloromethane

Concen: 153.676 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

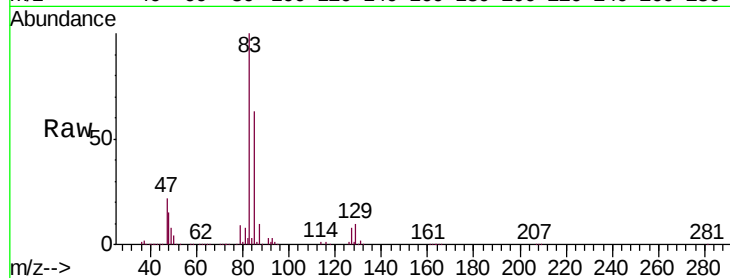
Tgt Ion: 83 Resp: 430579

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.2

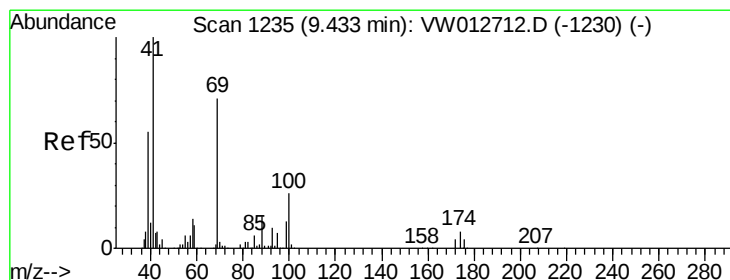
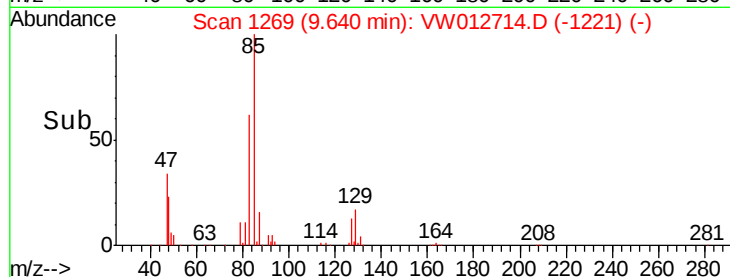
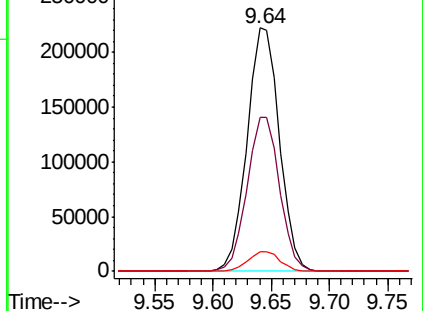
127 8.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 175.312 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

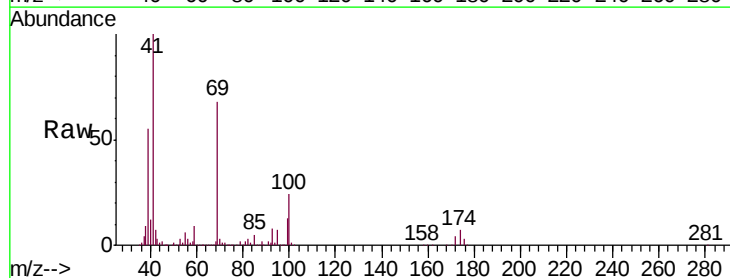
Tgt Ion: 41 Resp: 282786

Ion Ratio Lower Upper

41 100

69 72.2 59.8 89.8

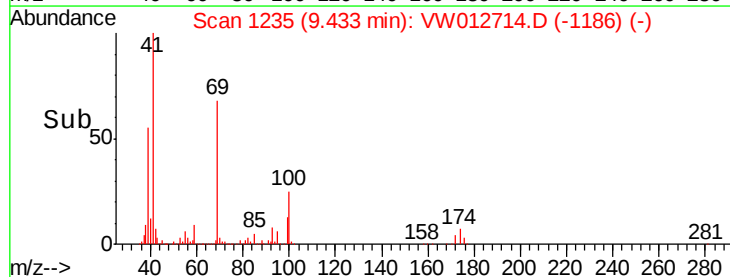
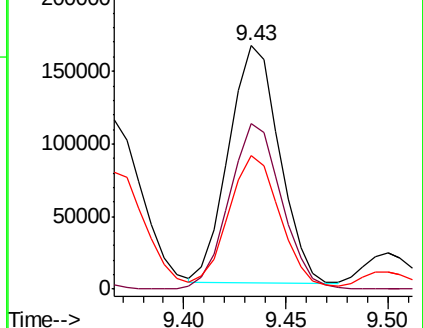
39 57.8 47.0 70.6

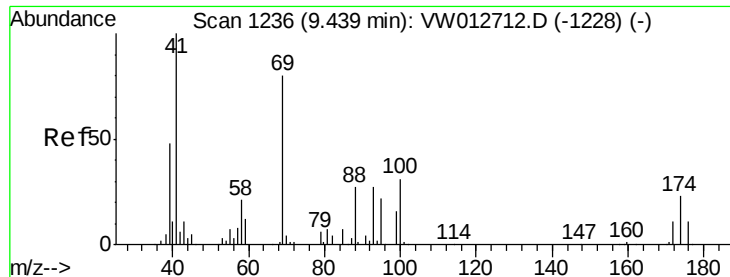


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 3464.376 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

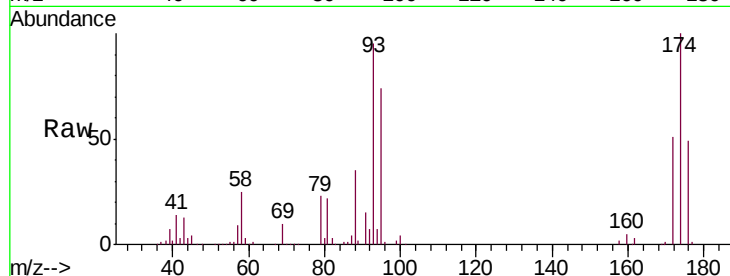
Tgt Ion: 88 Resp: 69691

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

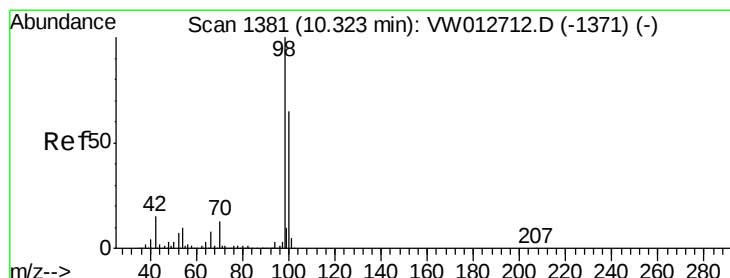
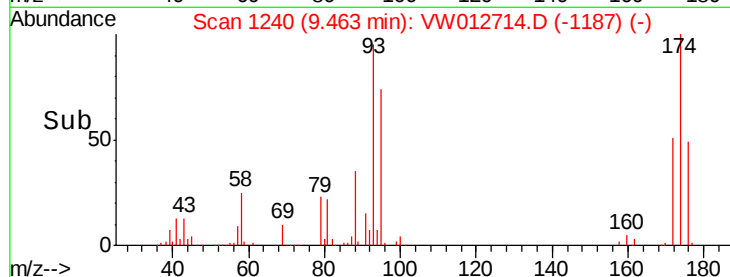
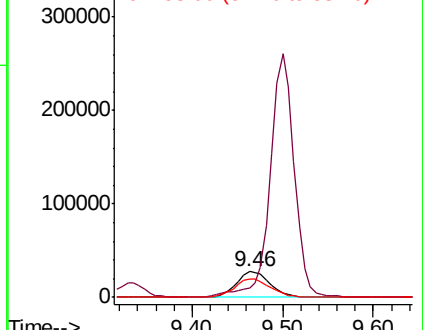
58 78.0 64.1 96.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 163.617 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012714.D

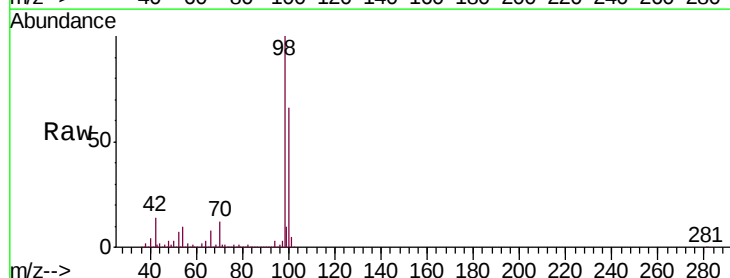
Acq: 07 Sep 2019 11:56

Tgt Ion: 98 Resp: 1198714

Ion Ratio Lower Upper

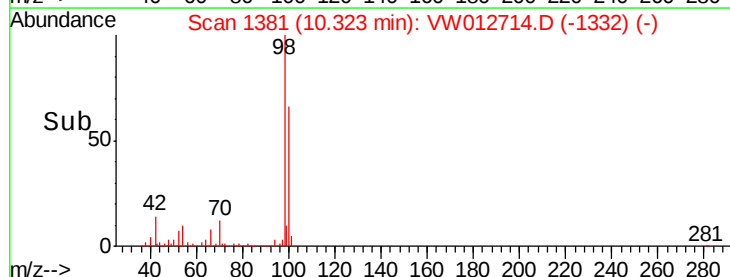
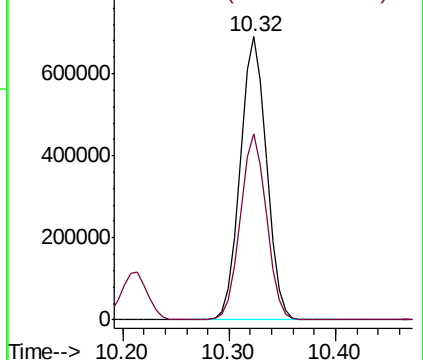
98 100

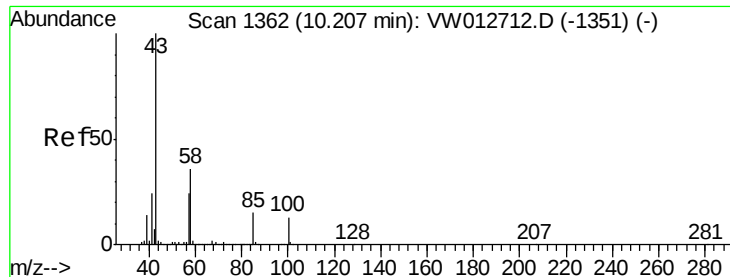
100 65.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

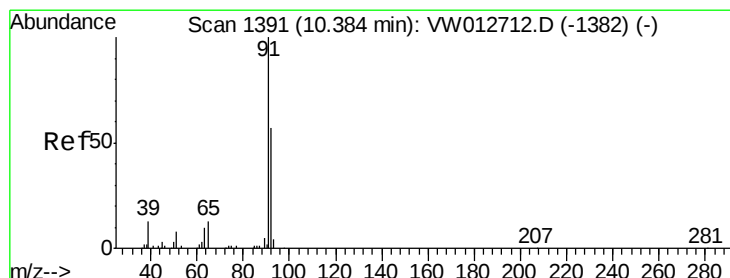
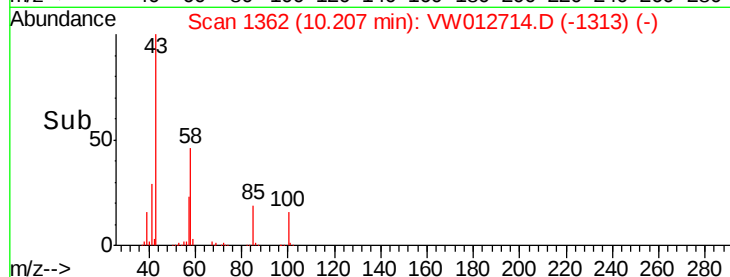
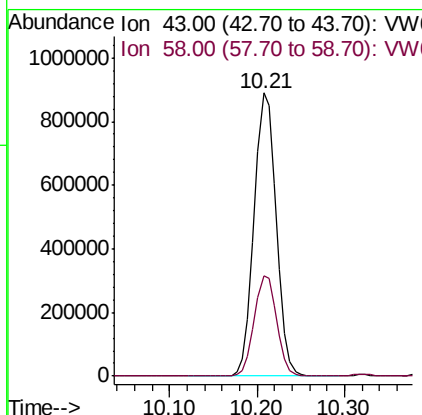
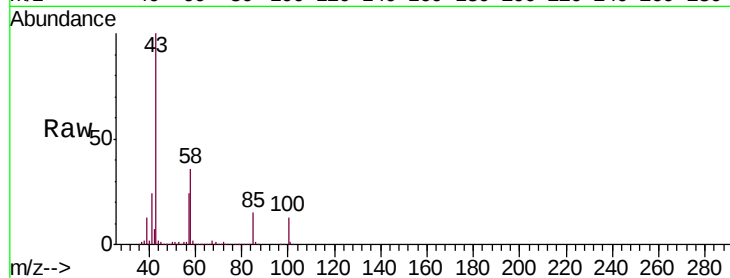




#51
 4-Methyl-2-Pentanone
 Concen: 880.966 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

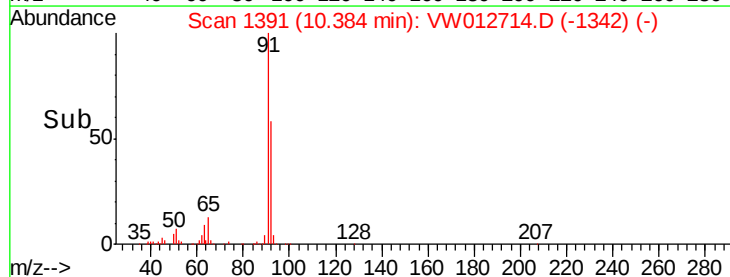
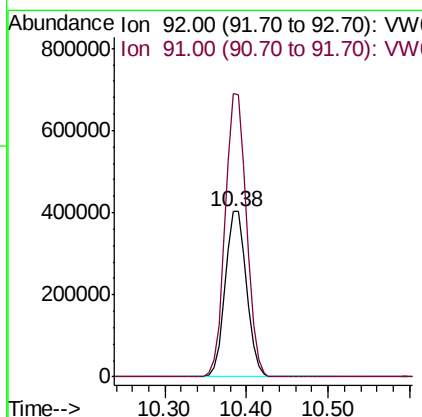
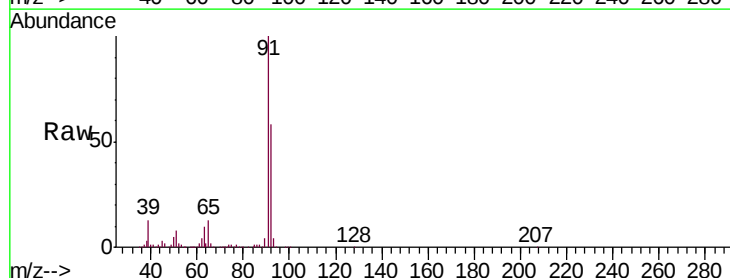
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

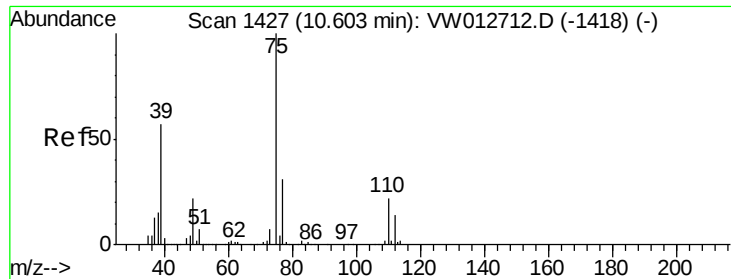
Tgt Ion: 43 Resp: 1560310
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.4 42.6



#52
 Toluene
 Concen: 149.194 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 92 Resp: 722051
 Ion Ratio Lower Upper
 92 100
 91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 165.559 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

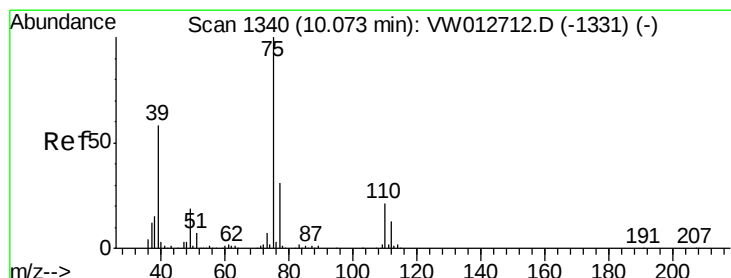
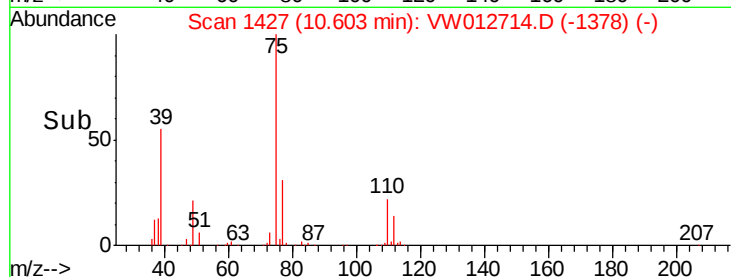
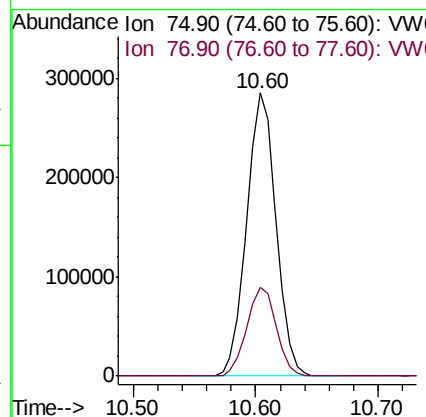
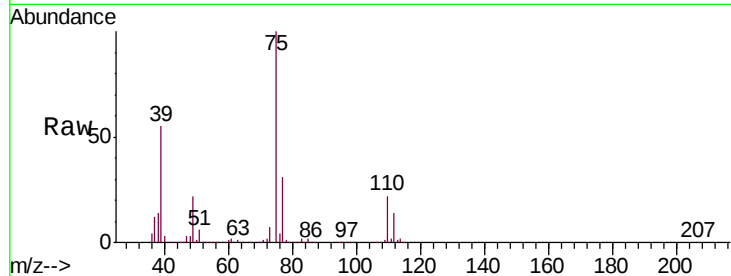
VSTDIC150

Tgt Ion: 75 Resp: 476989

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 158.754 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

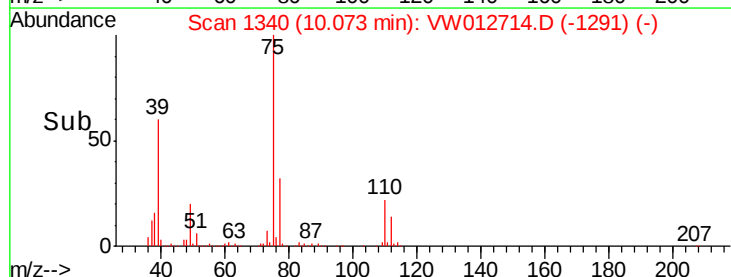
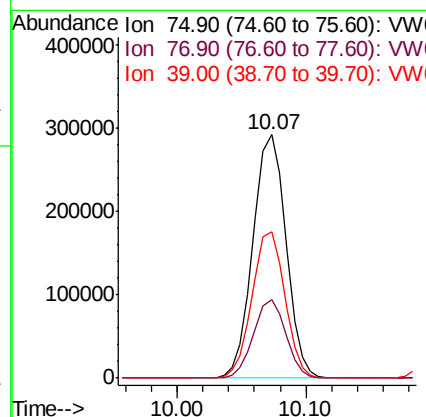
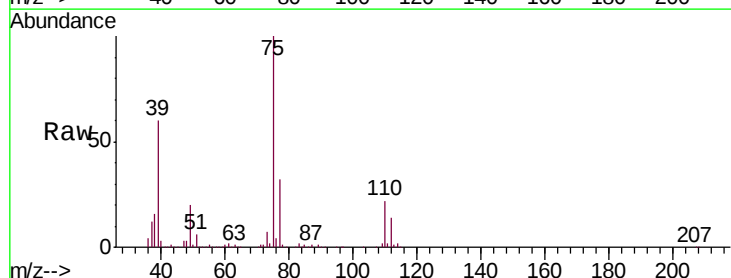
Tgt Ion: 75 Resp: 518865

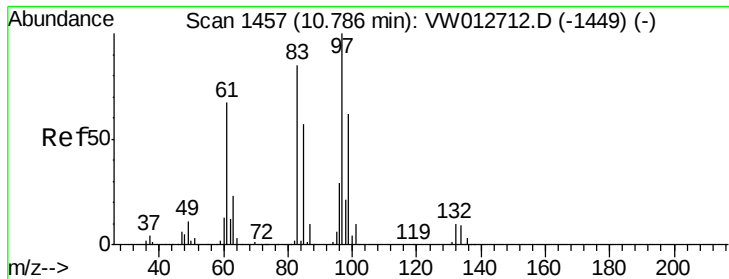
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 60.2 46.3 69.5

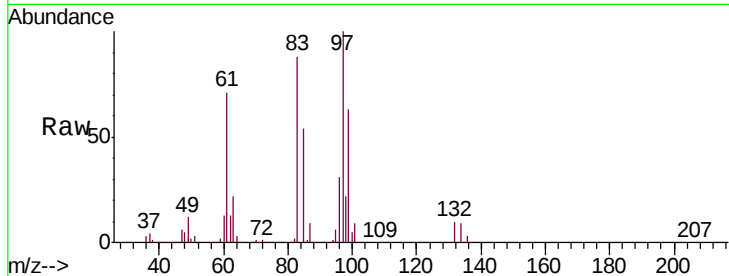




#55
 1,1,2-Trichloroethane
 Concen: 157.953 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	240827
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.1	102.1
85	54.1	45.3	67.9
99	62.8	50.0	75.0



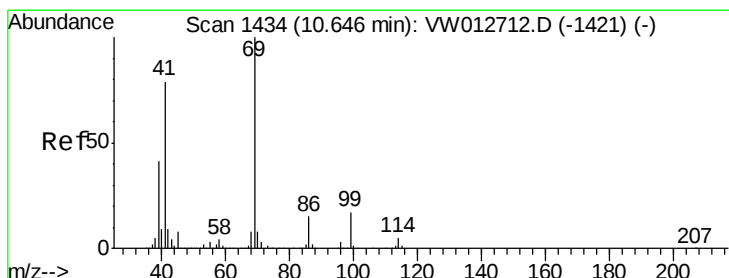
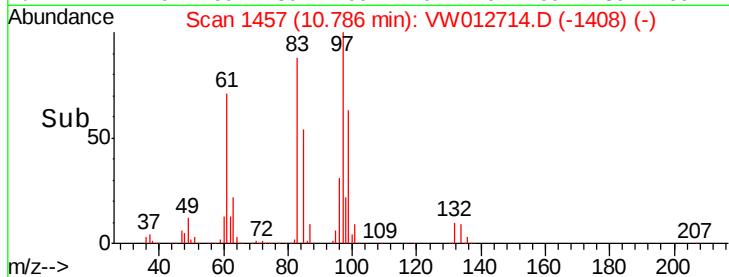
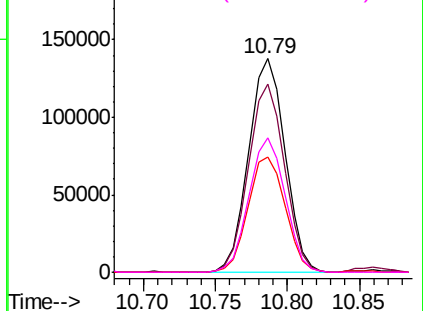
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

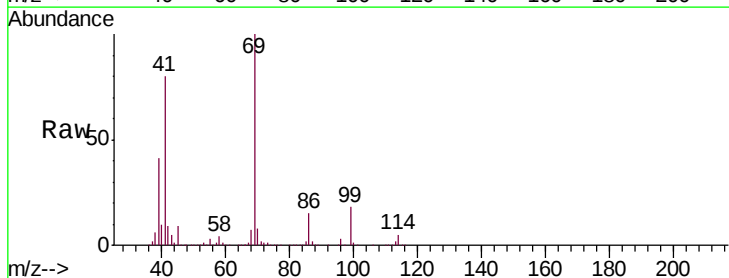
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 171.681 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion:	69	Resp:	383162
Ion	Ratio	Lower	Upper
69	100		
41	80.6	64.4	96.6
39	38.0	31.1	46.7

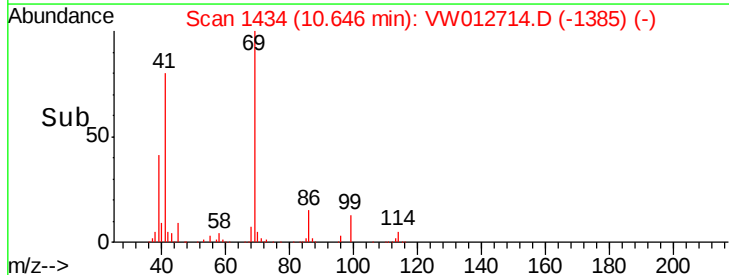
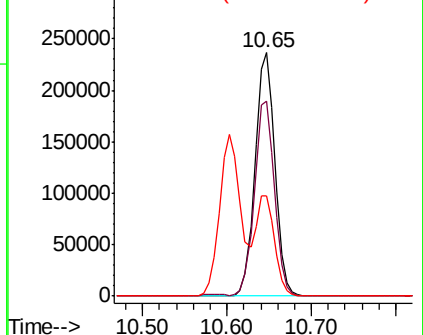


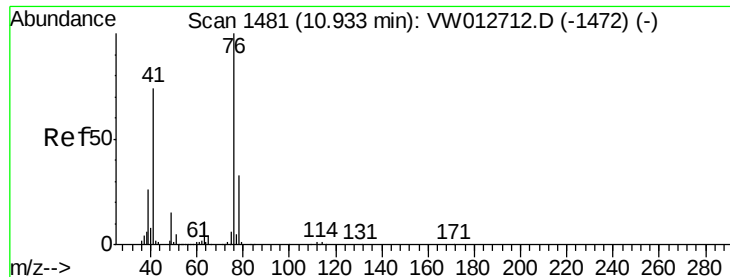
Abundance

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: 156.584 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

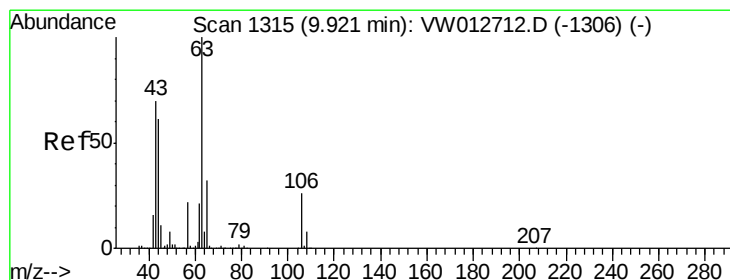
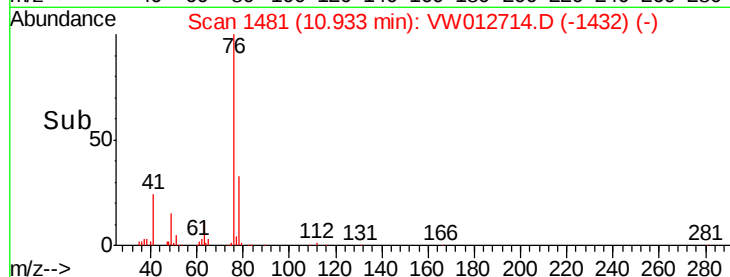
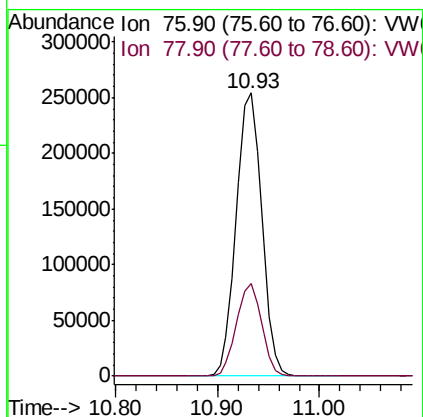
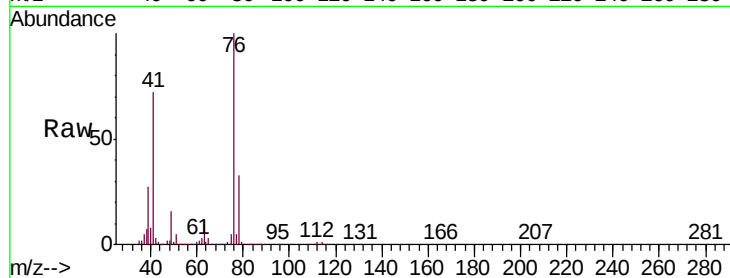
VSTDIC150

Tgt Ion: 76 Resp: 441666

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 864.430 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012714.D

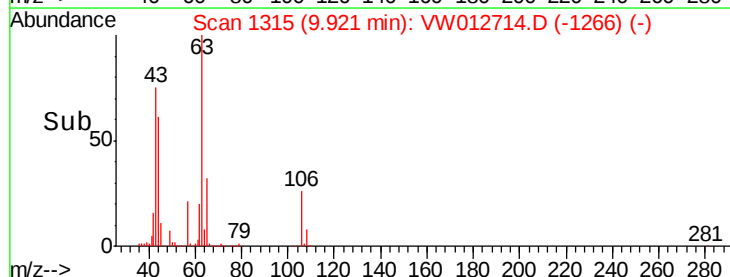
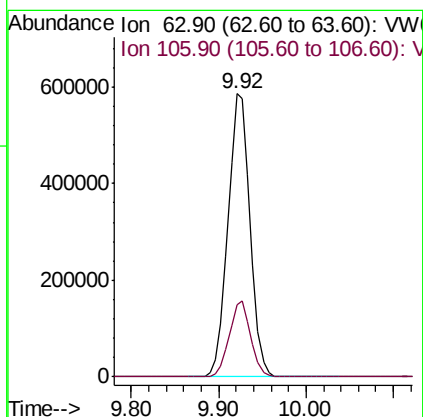
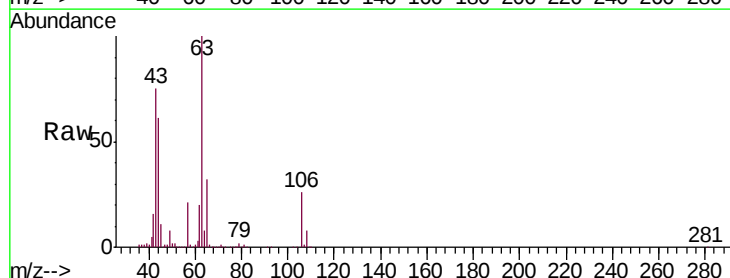
Acq: 07 Sep 2019 11:56

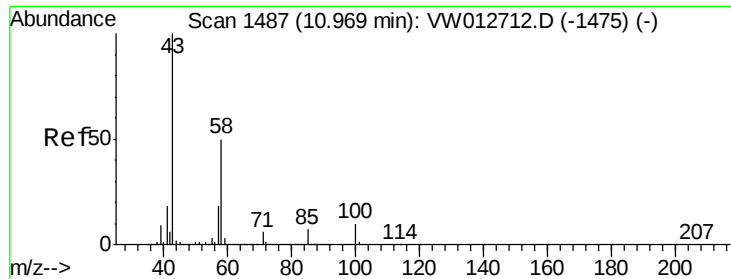
Tgt Ion: 63 Resp: 1024205

Ion Ratio Lower Upper

63 100

106 26.1 20.5 30.7

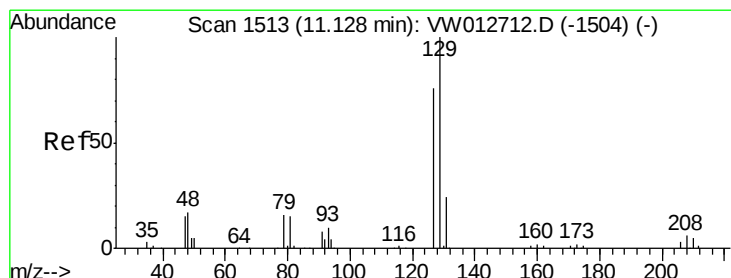
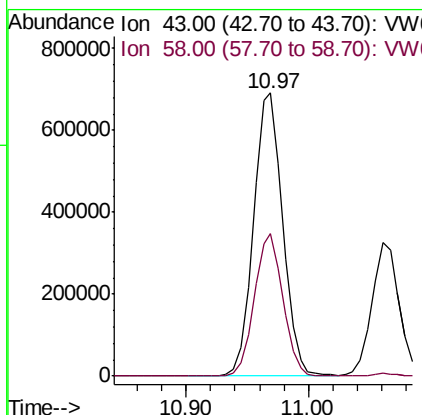
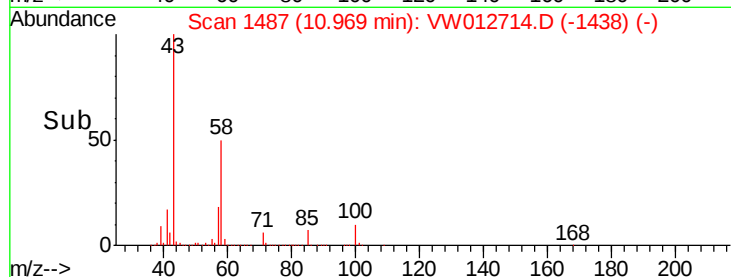
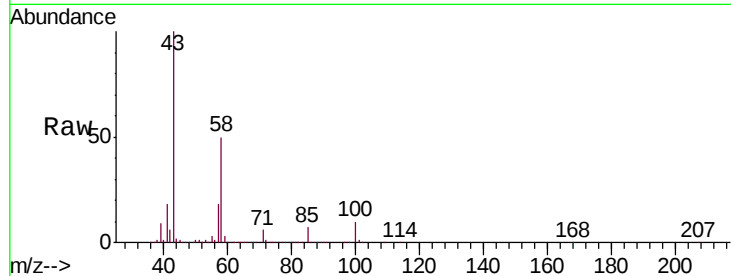




#59
2-Hexanone
Concen: 886.411 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

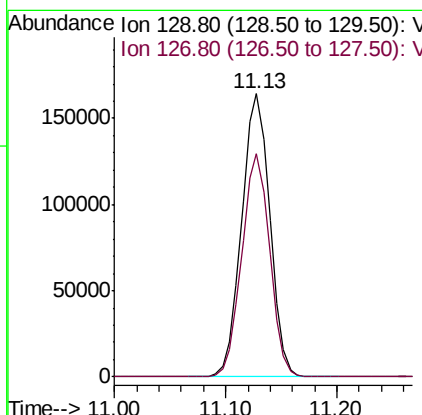
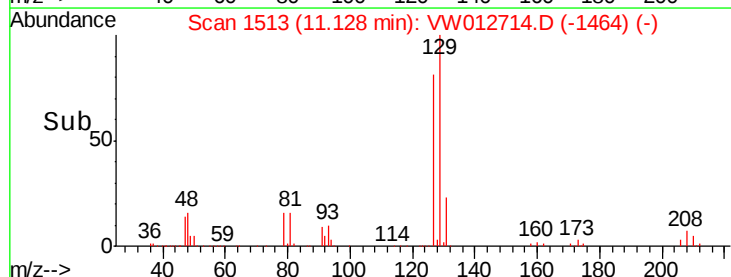
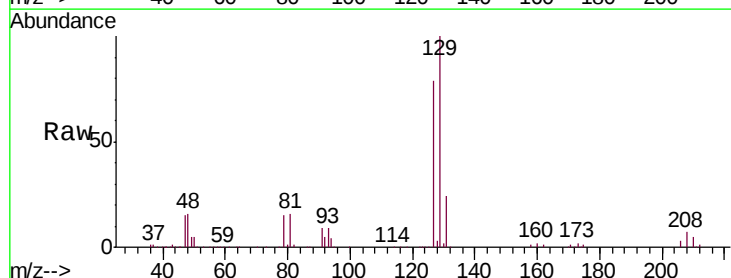
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

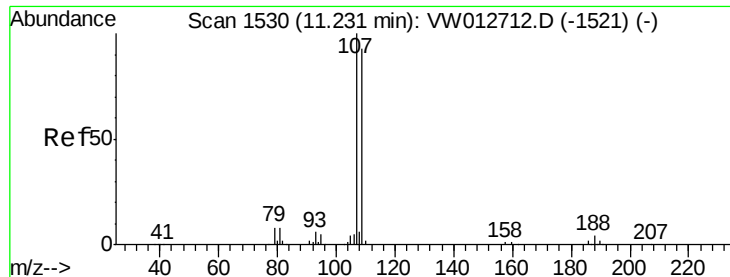
Tgt Ion: 43 Resp: 1146982
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 160.934 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 129 Resp: 288577
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

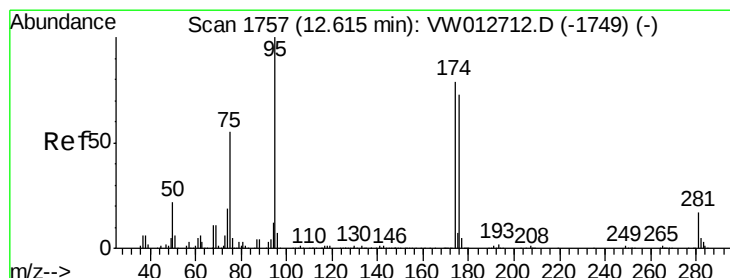
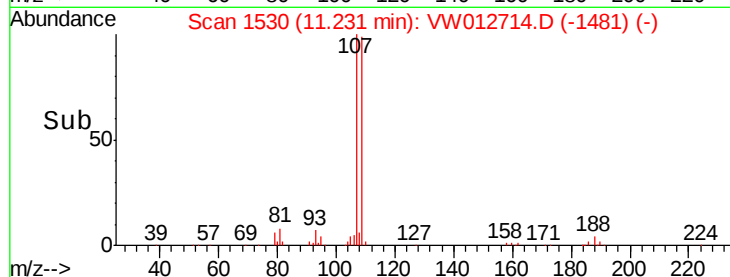
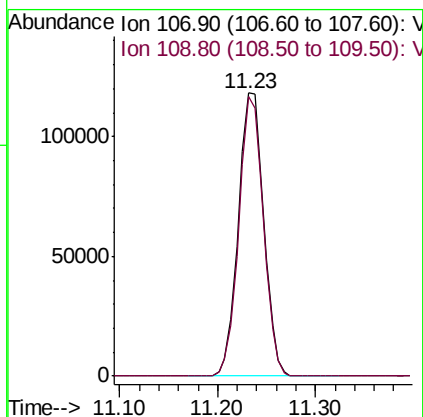
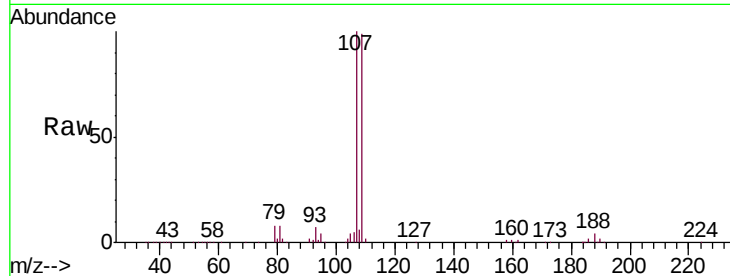




#61
 1,2-Dibromoethane
 Concen: 152.487 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

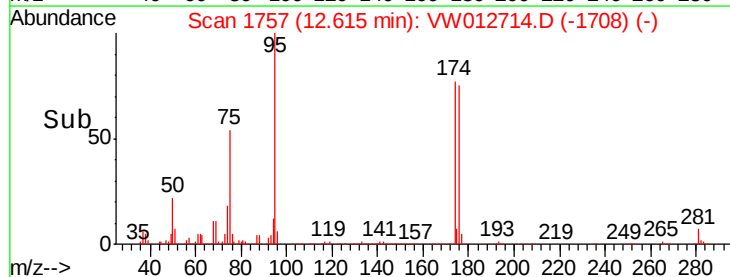
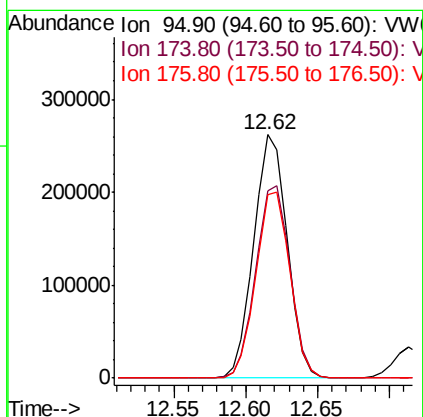
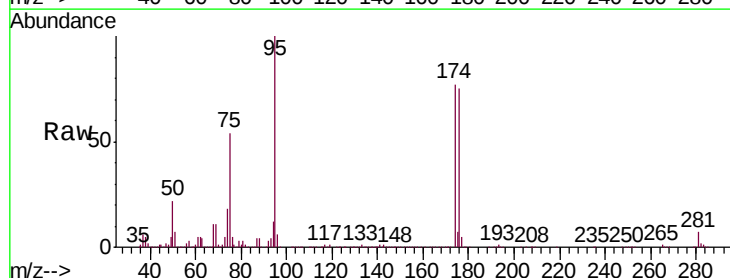
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

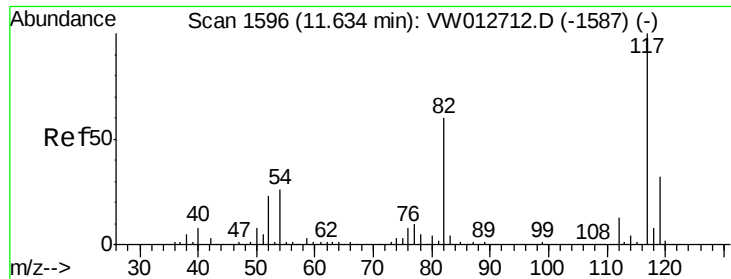
Tgt Ion: 107 Resp: 213150
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 157.826 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion: 95 Resp: 419768
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 161.0
 176 78.1 0.0 156.4

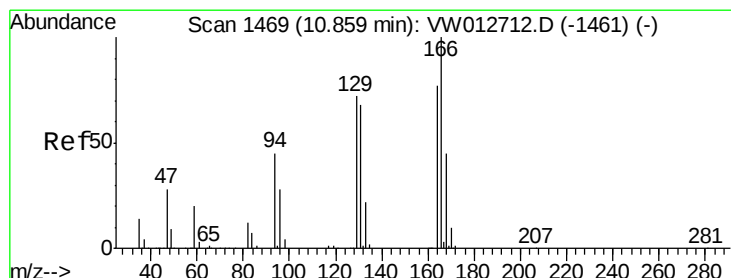
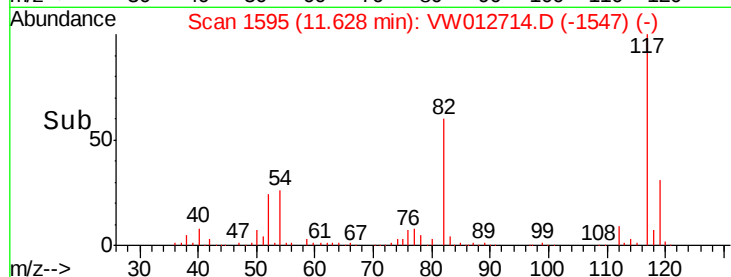
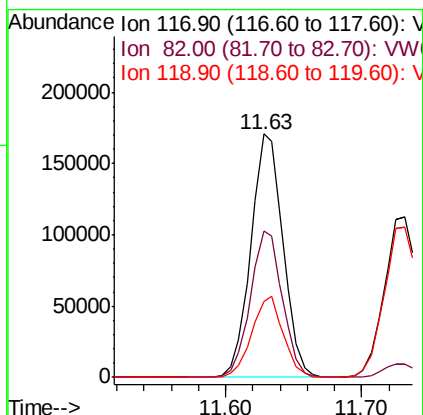
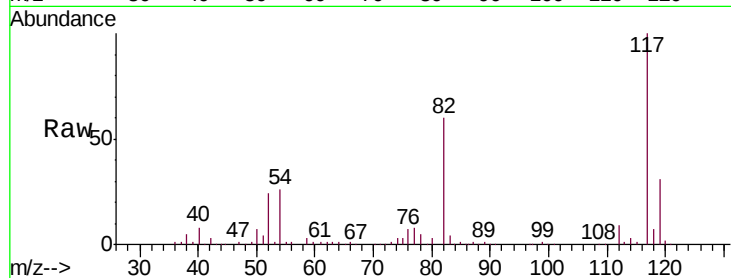




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

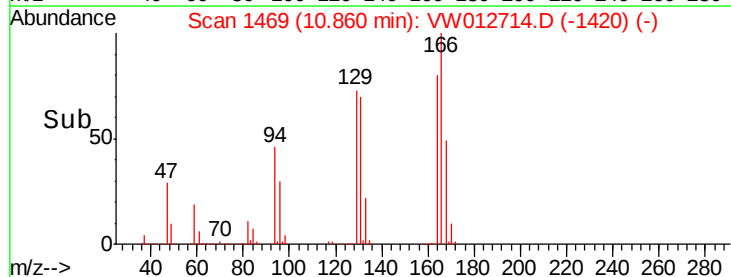
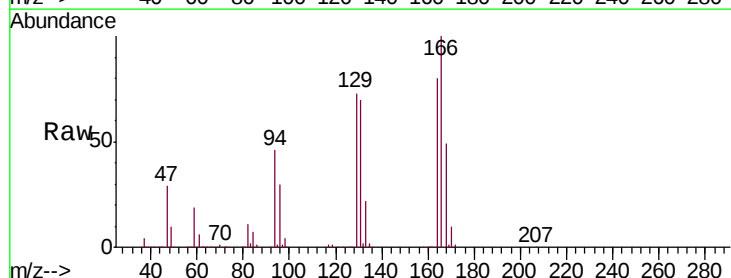
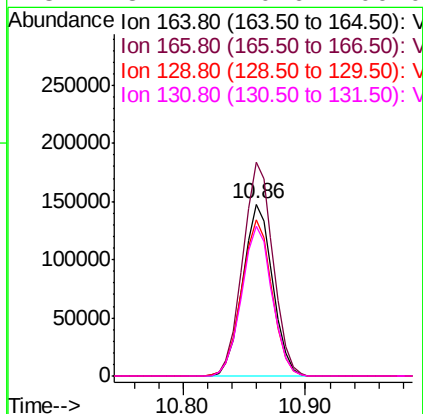
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

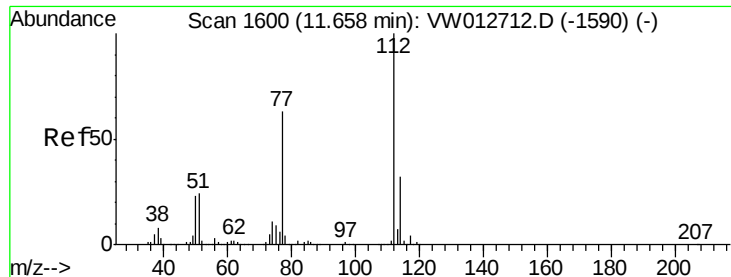
Tgt Ion:117 Resp: 283647
Ion Ratio Lower Upper
117 100
82 59.9 48.2 72.4
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 145.654 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion:164 Resp: 250686
Ion Ratio Lower Upper
164 100
166 124.2 103.6 155.4
129 90.8 74.6 112.0
131 87.1 70.6 106.0





#65

Chlorobenzene

Concen: 142.465 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

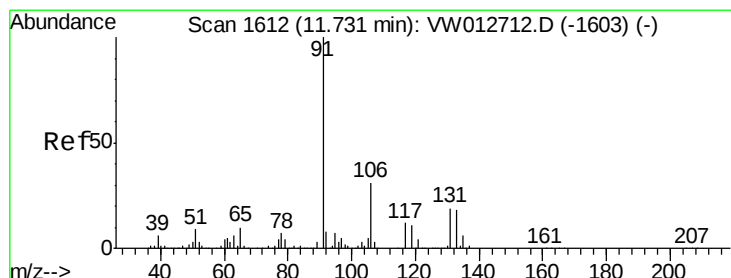
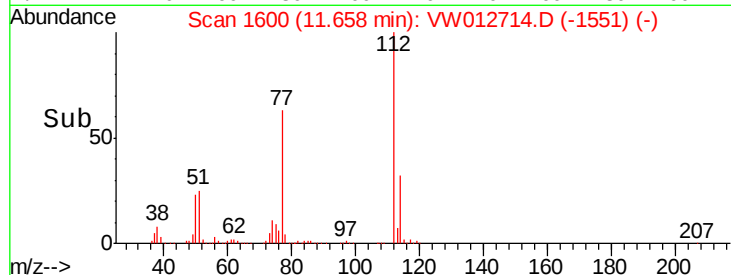
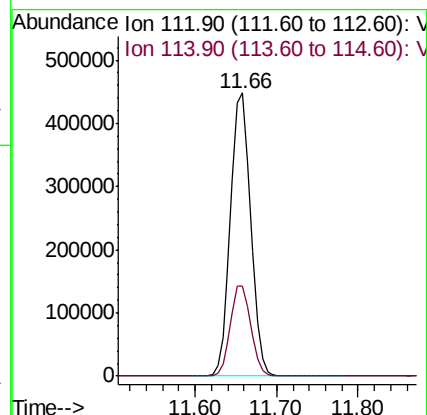
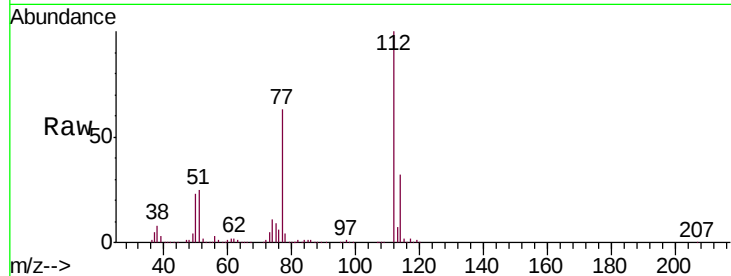
VSTDIC150

Tgt Ion:112 Resp: 763759

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 147.832 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

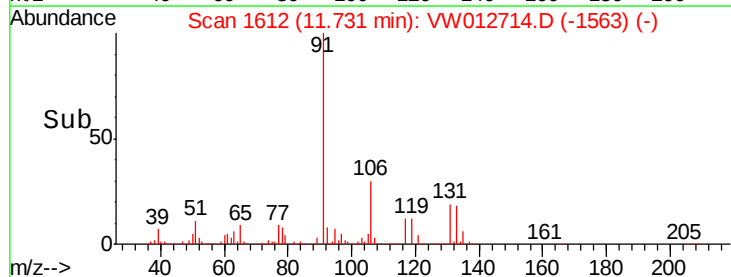
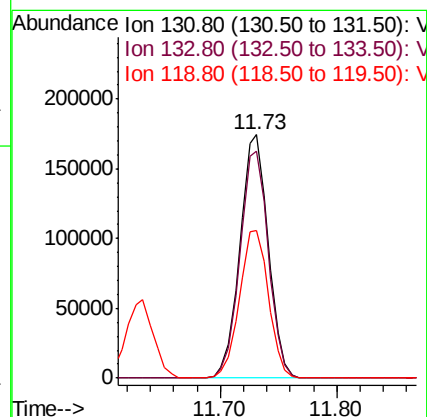
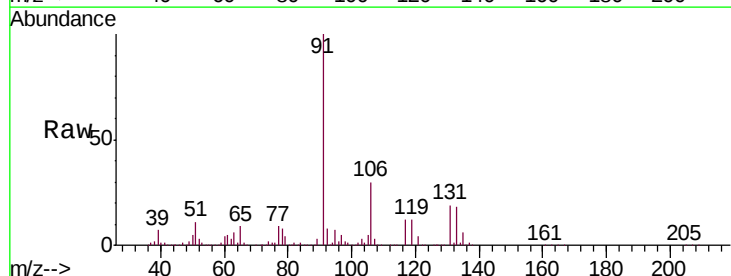
Tgt Ion:131 Resp: 295140

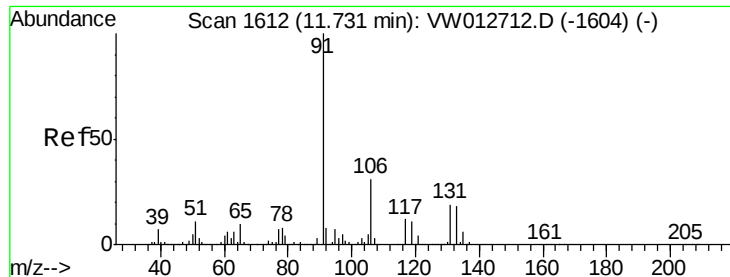
Ion Ratio Lower Upper

131 100

133 94.4 47.6 142.8

119 62.2 30.6 92.0

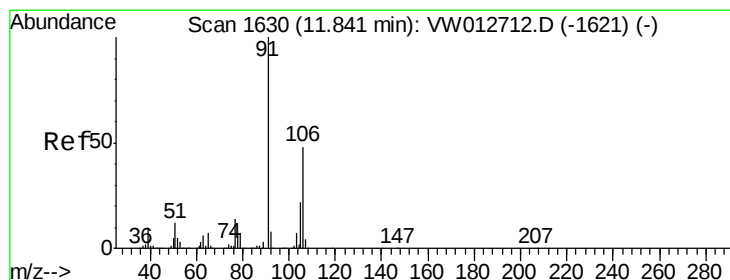
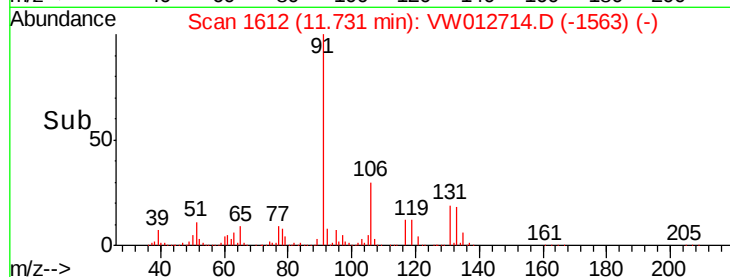
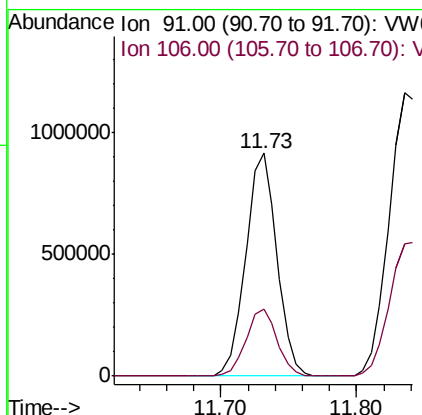
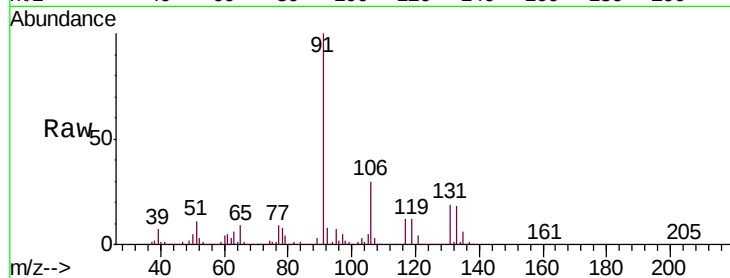




#67
Ethyl Benzene
Concen: 145.278 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

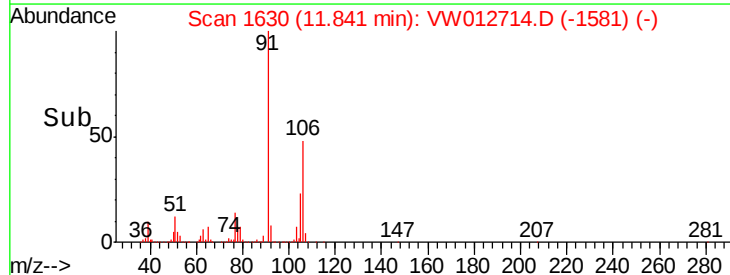
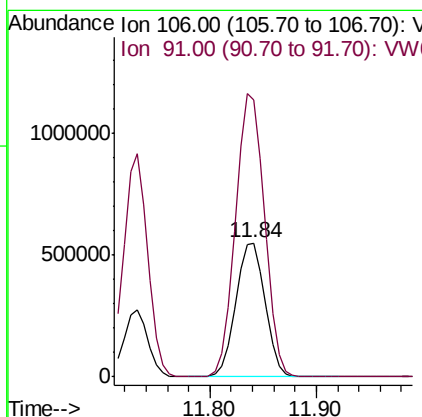
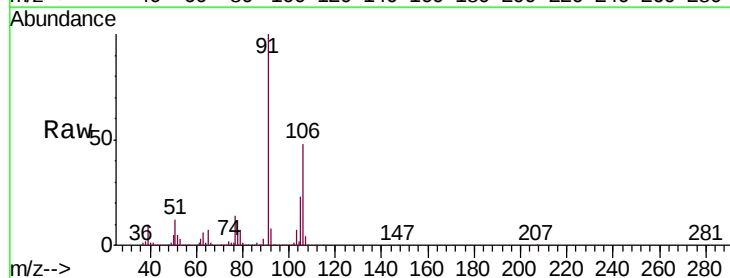
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

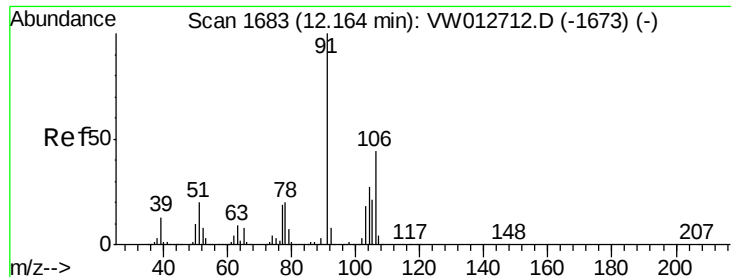
Tgt Ion: 91 Resp: 1461288
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 291.890 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion: 106 Resp: 1059758
Ion Ratio Lower Upper
106 100
91 210.2 168.2 252.4

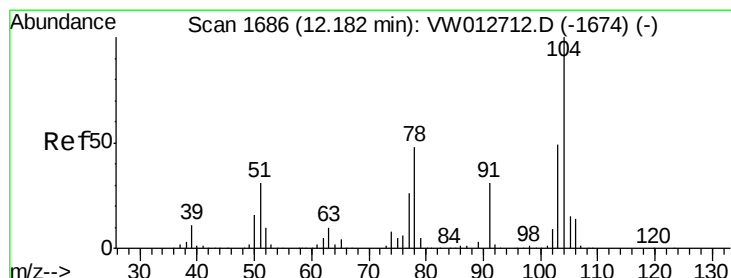
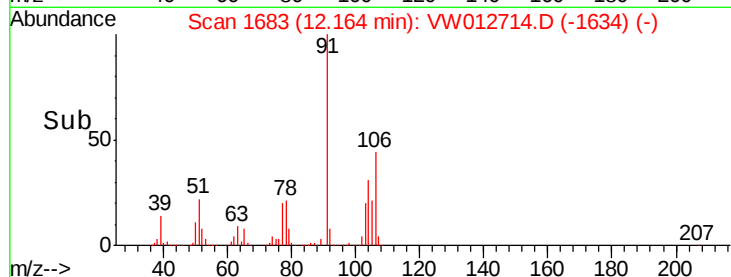
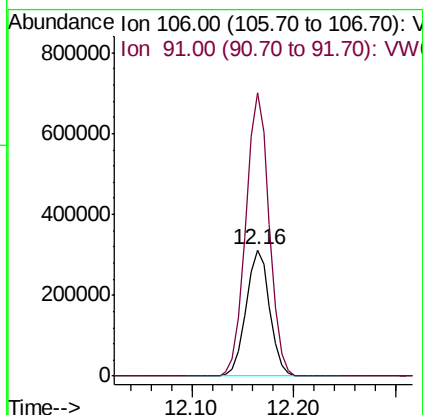
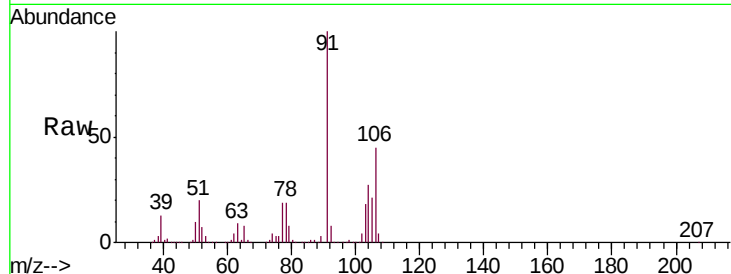




#69
o-Xylene
Concen: 146.299 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

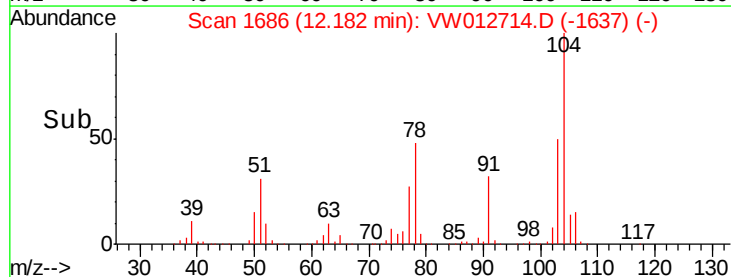
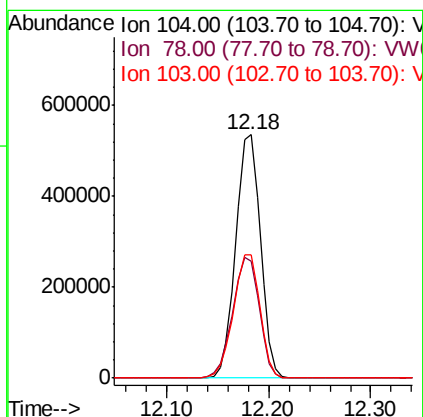
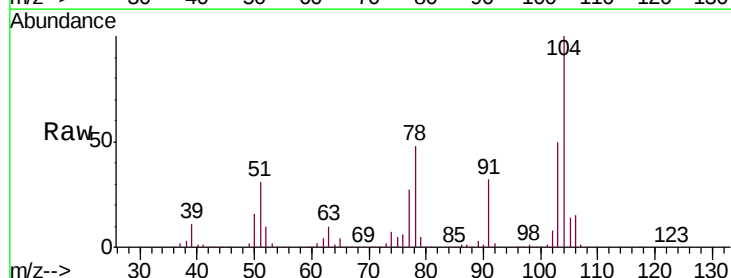
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

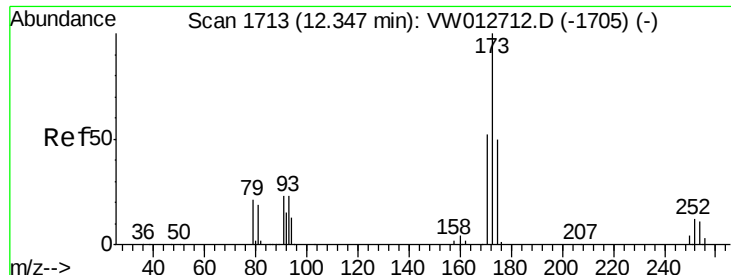
Tgt Ion:106 Resp: 501114
Ion Ratio Lower Upper
106 100
91 223.1 112.3 336.8



#70
Styrene
Concen: 148.232 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion:104 Resp: 897206
Ion Ratio Lower Upper
104 100
78 53.8 43.3 64.9
103 54.5 44.0 66.0





#71

Bromoform

Concen: 163.913 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

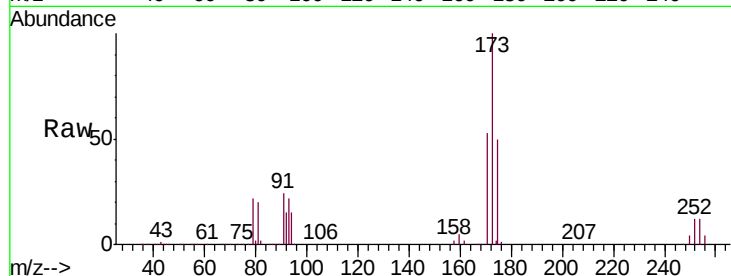
Tgt Ion:173 Resp: 181814

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

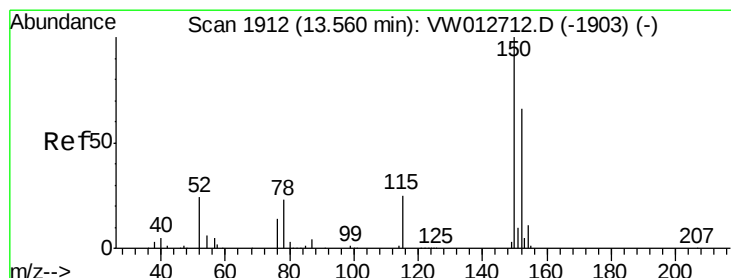
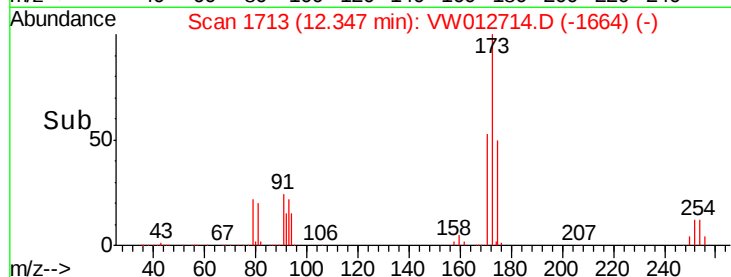
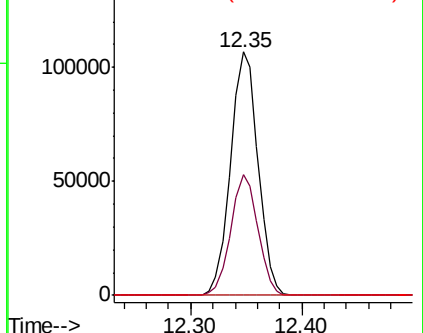
254 0.0 0.1 0.1#



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: VW012714.D

Acq: 07 Sep 2019 11:56

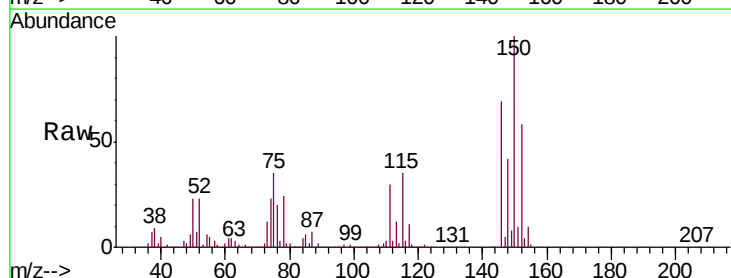
Tgt Ion:152 Resp: 134724

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.1

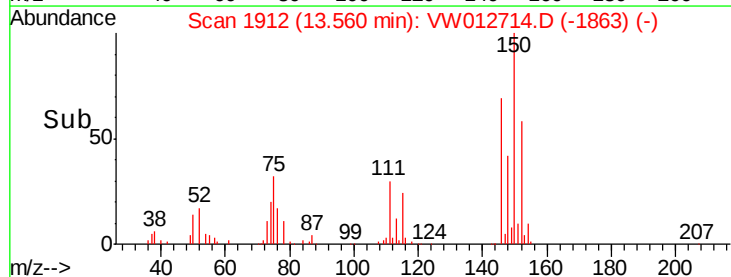
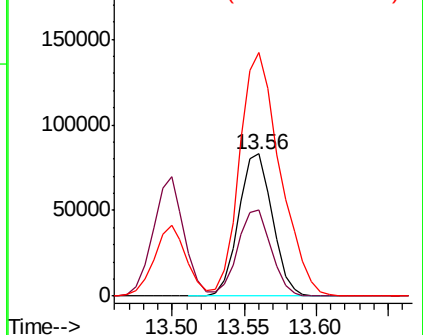
150 205.6 0.0 349.0

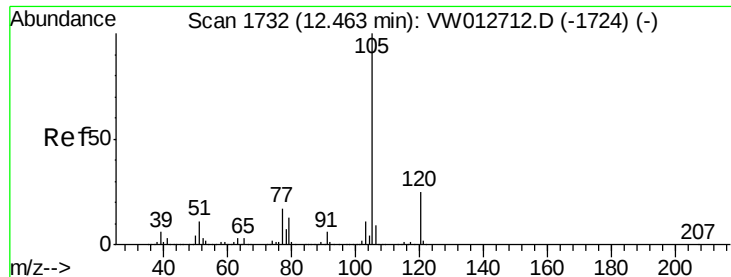


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 150.355 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

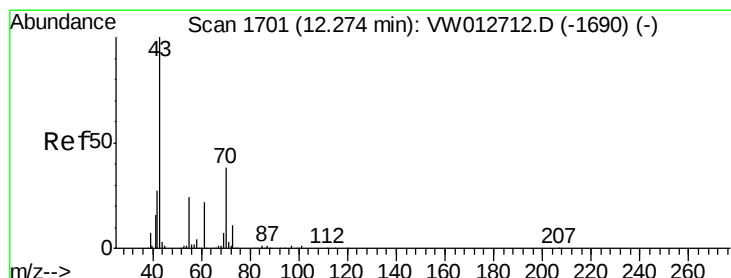
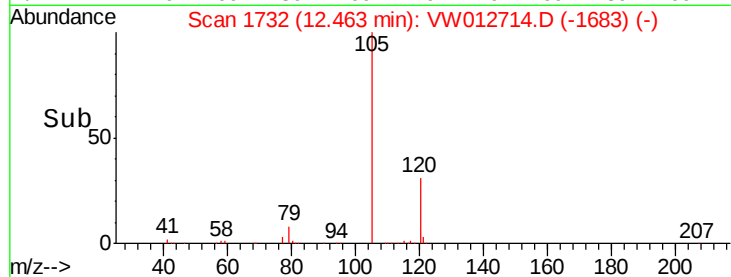
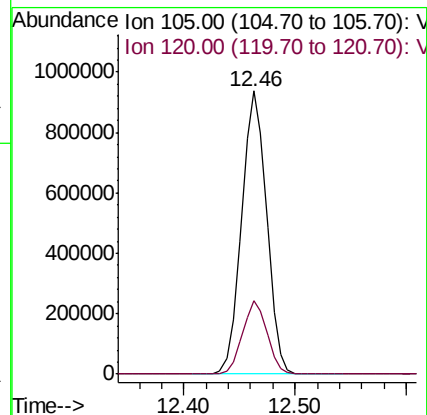
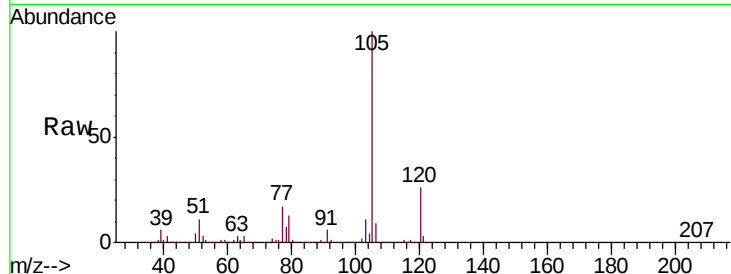
VSTDIC150

Tgt Ion: 105 Resp: 1452851

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#74

N-ethyl acetate

Concen: 172.320 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Tgt Ion: 43 Resp: 528525

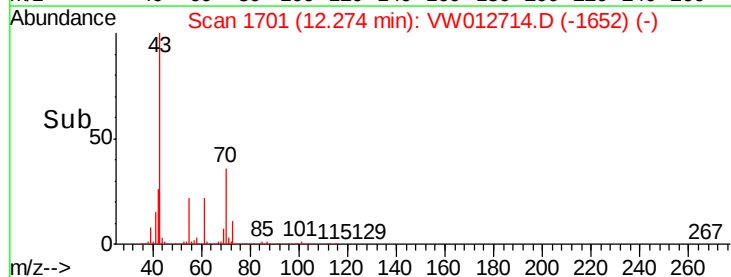
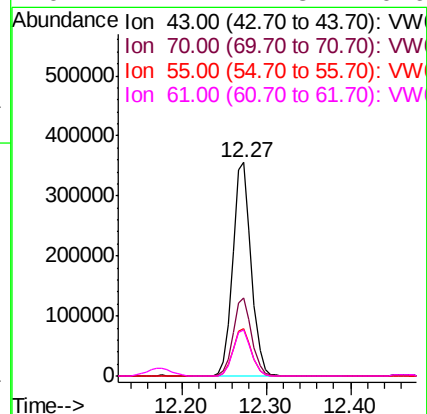
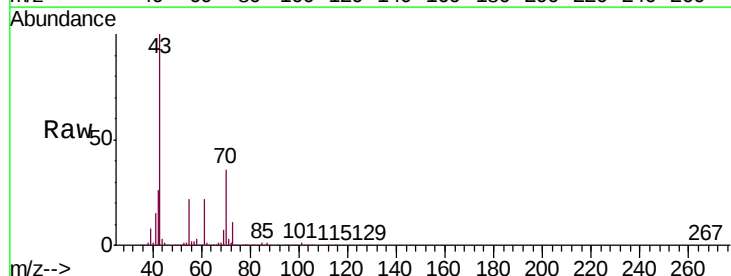
Ion Ratio Lower Upper

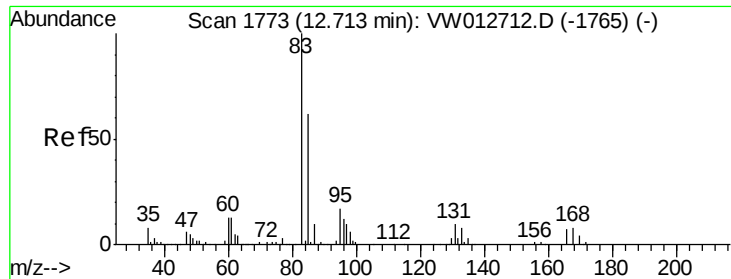
43 100

70 36.6 29.4 44.0

55 22.5 18.6 27.8

61 21.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 158.291 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

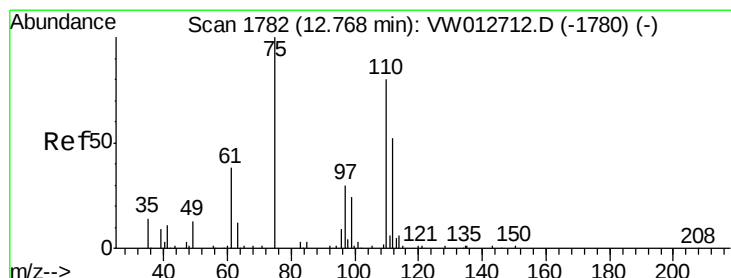
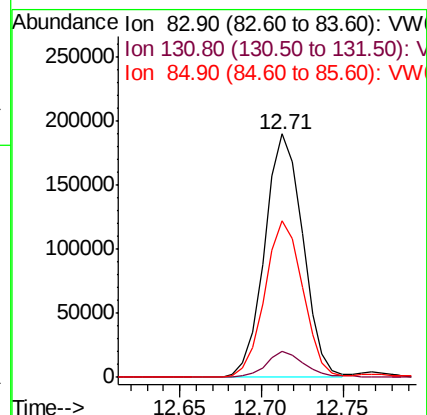
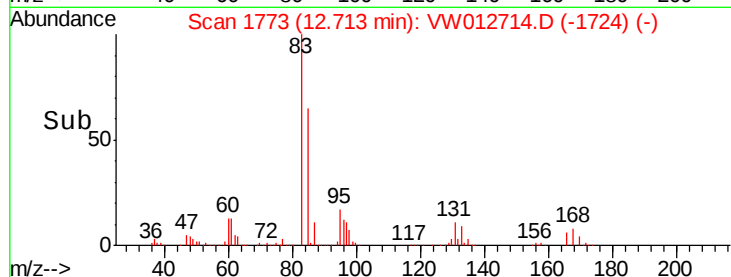
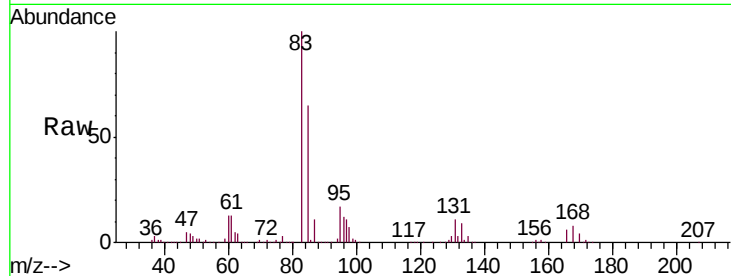
Tgt Ion: 83 Resp: 307174

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 64.3 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 320.212 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012714.D

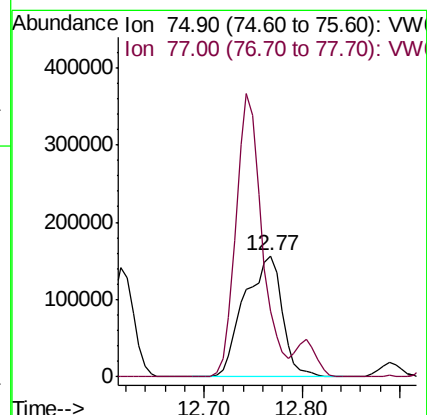
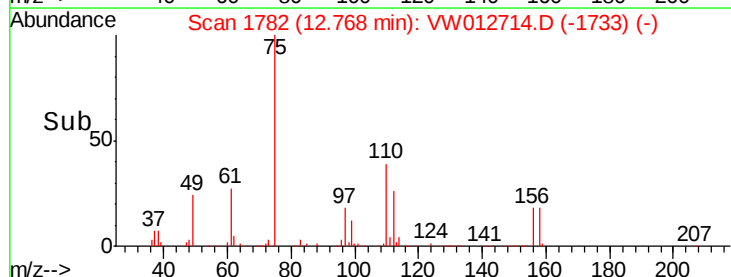
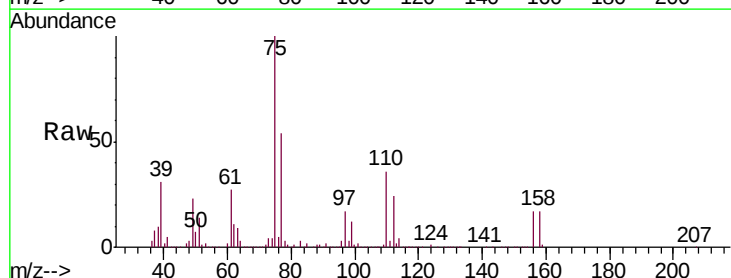
Acq: 07 Sep 2019 11:56

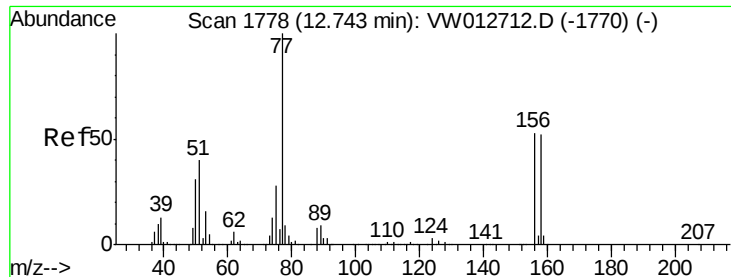
Tgt Ion: 75 Resp: 423355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 147.914 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

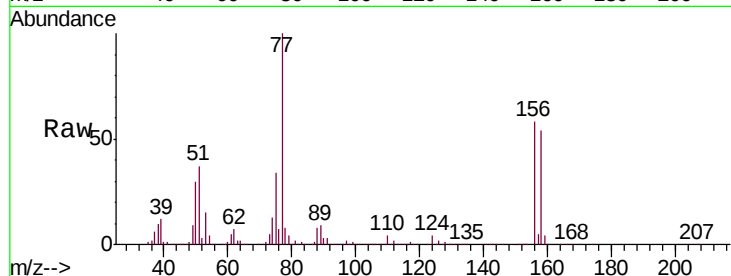
Tgt Ion:156 Resp: 323812

Ion Ratio Lower Upper

156 100

77 209.8 102.3 306.9

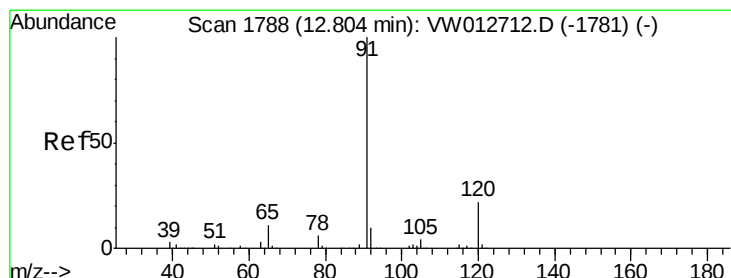
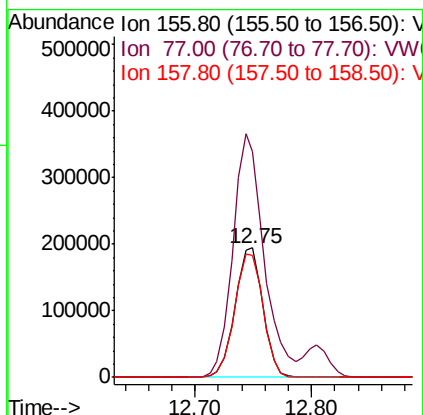
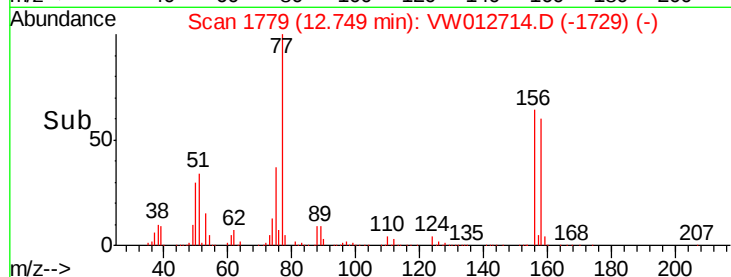
158 97.6 48.9 146.8



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: 149.645 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012714.D

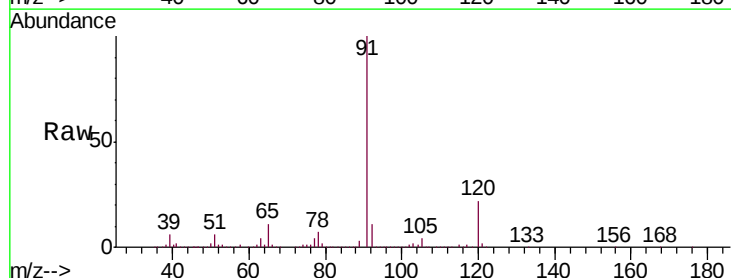
Acq: 07 Sep 2019 11:56

Tgt Ion: 91 Resp: 1729401

Ion Ratio Lower Upper

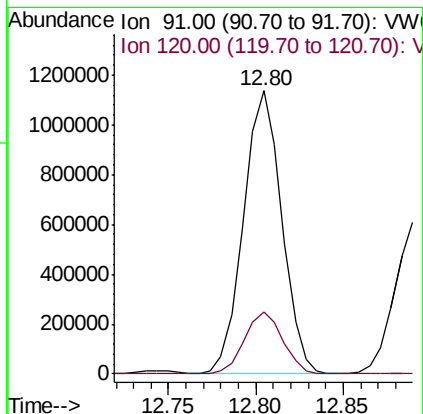
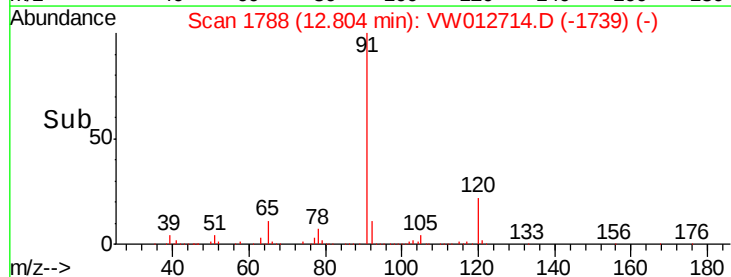
91 100

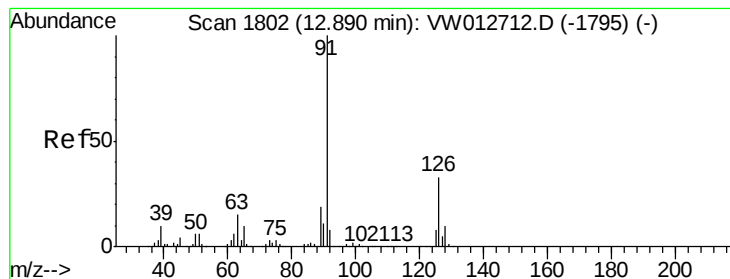
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.783 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

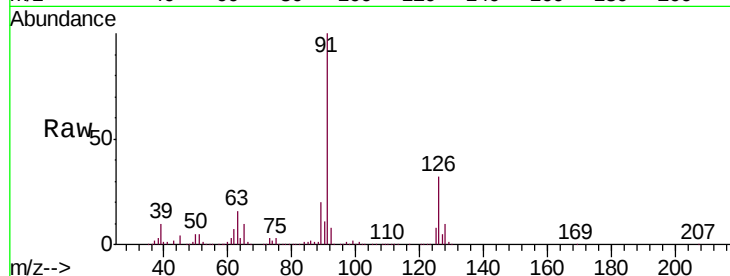
VSTDIC150

Tgt Ion: 91 Resp: 980444

Ion Ratio Lower Upper

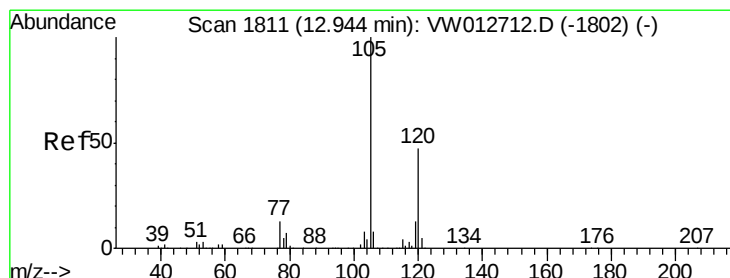
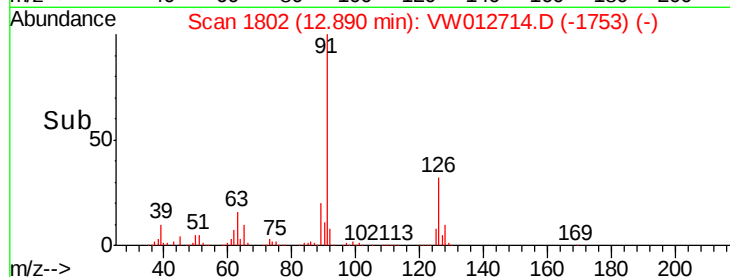
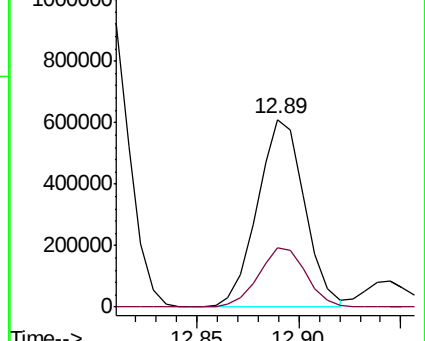
91 100

126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 149.206 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012714.D

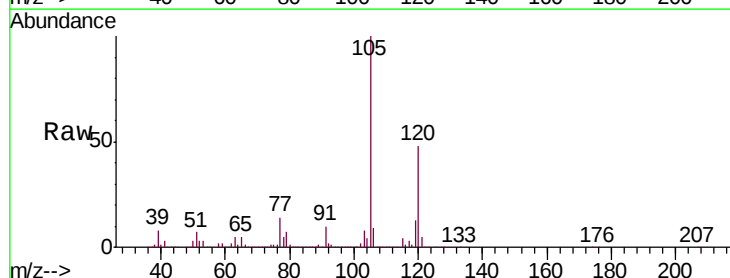
Acq: 07 Sep 2019 11:56

Tgt Ion: 105 Resp: 1214876

Ion Ratio Lower Upper

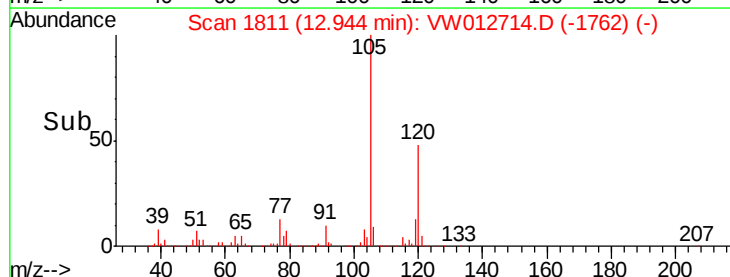
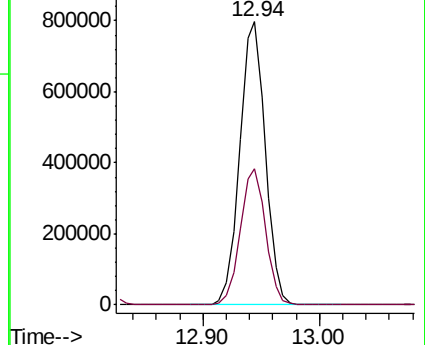
105 100

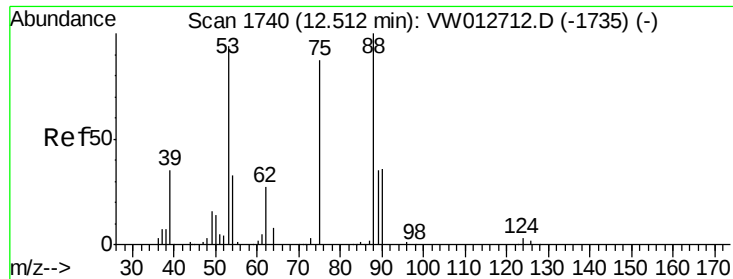
120 47.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 171.882 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

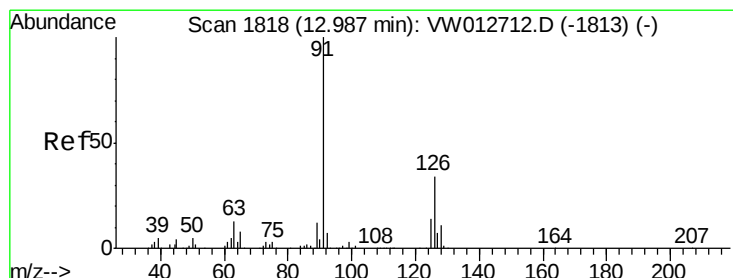
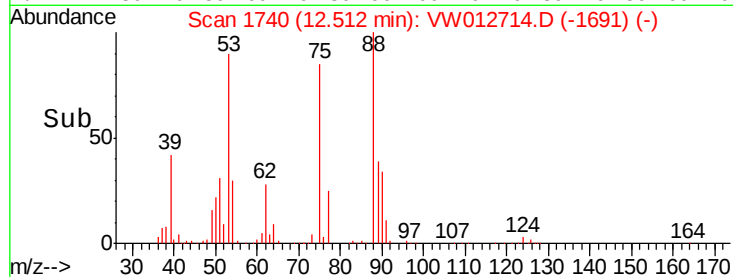
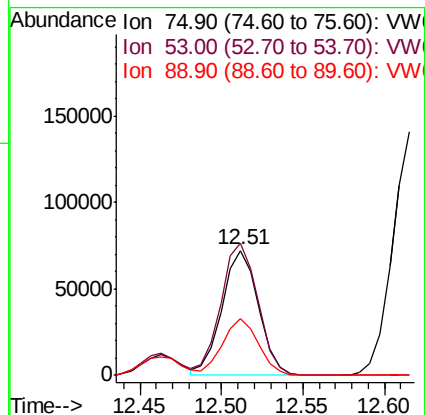
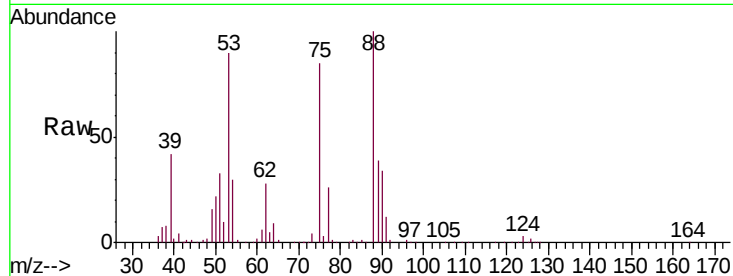
Tgt Ion: 75 Resp: 111952

Ion Ratio Lower Upper

75 100

53 108.0 87.6 131.4

89 44.5 35.5 53.3



#82

4-Chlorotoluene

Concen: 147.164 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012714.D

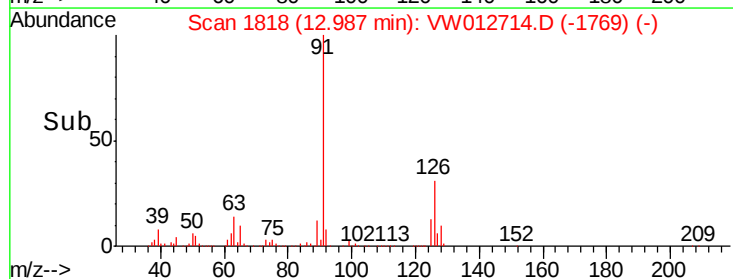
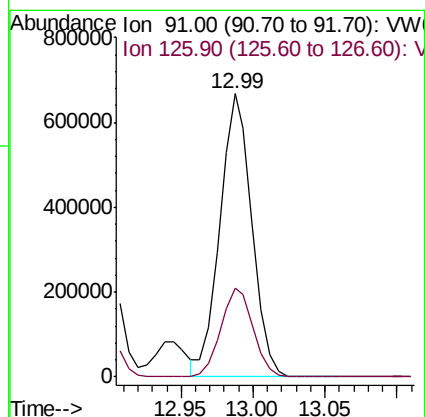
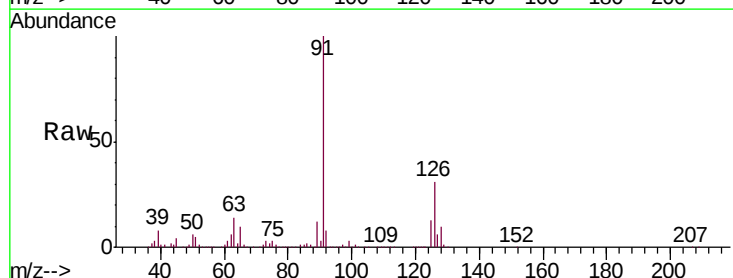
Acq: 07 Sep 2019 11:56

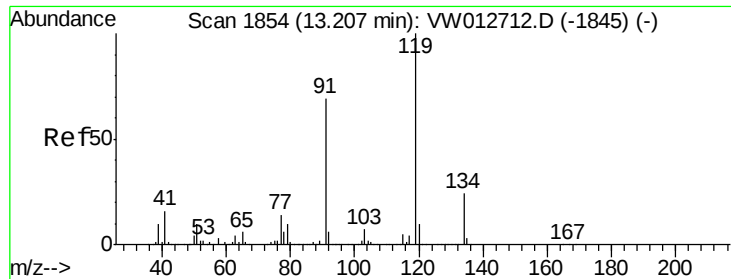
Tgt Ion: 91 Resp: 1032737

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.6

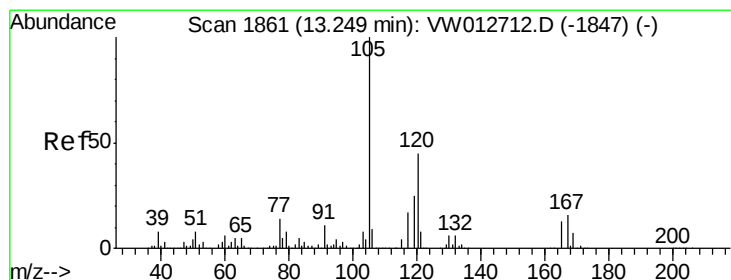
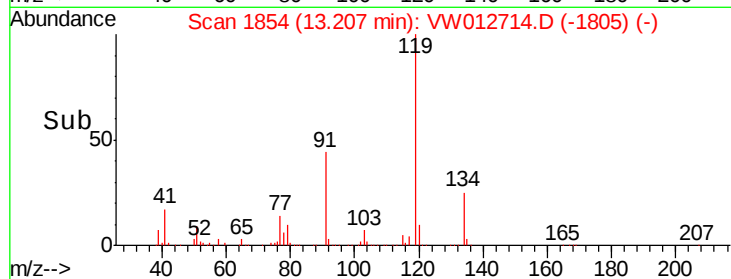
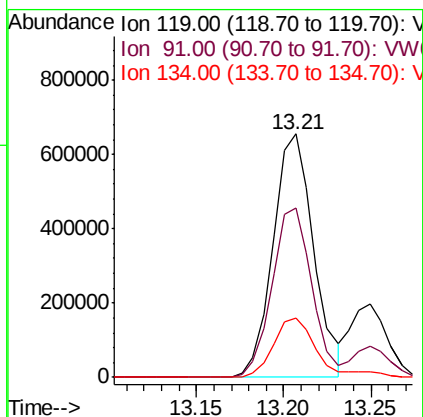
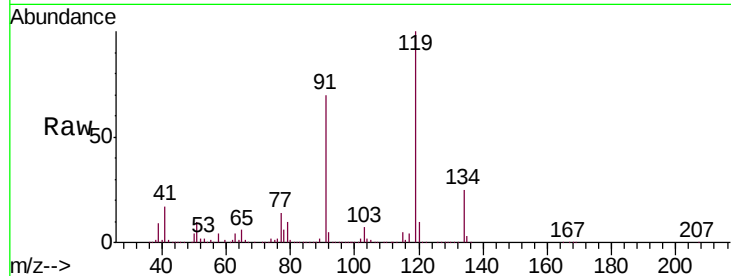




#83
 tert-Butylbenzene
 Concen: 147.603 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

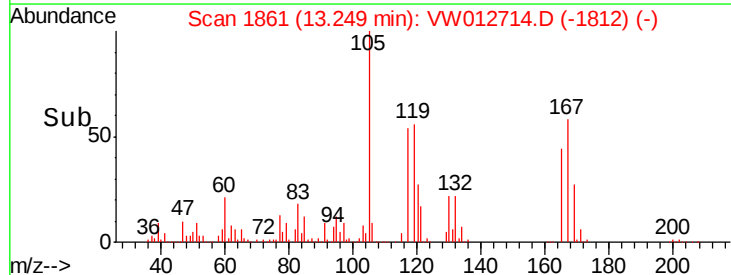
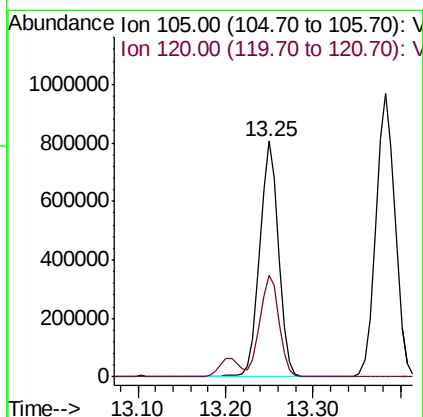
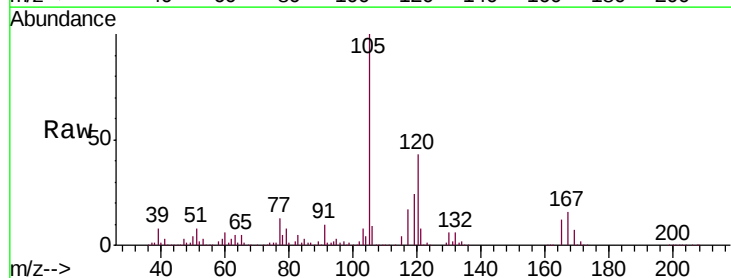
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

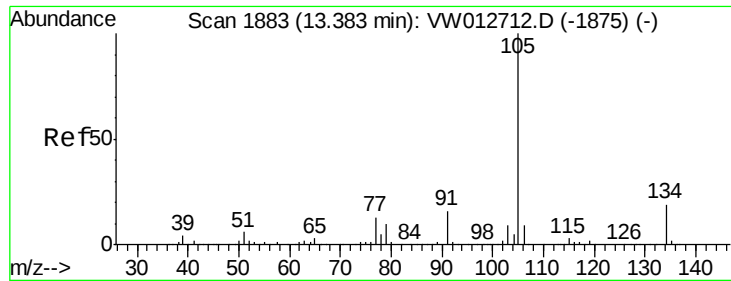
Tgt Ion:119 Resp: 1062656
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.2 102.5
 134 24.8 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 146.751 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion:105 Resp: 1204006
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.3

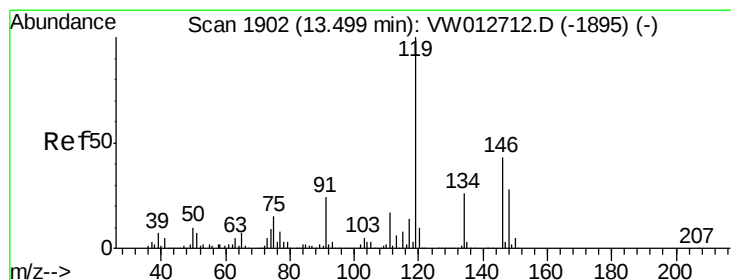
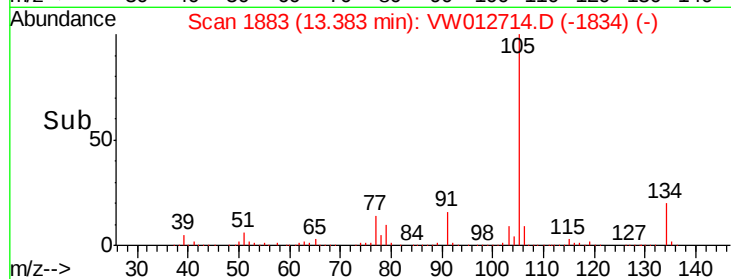
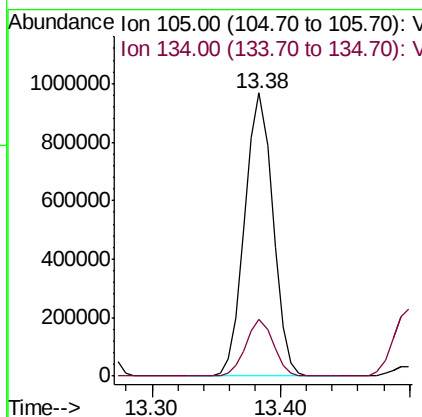
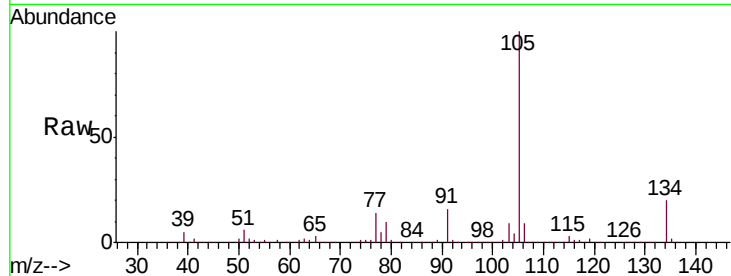




#85
 sec-Butylbenzene
 Concen: 146.700 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

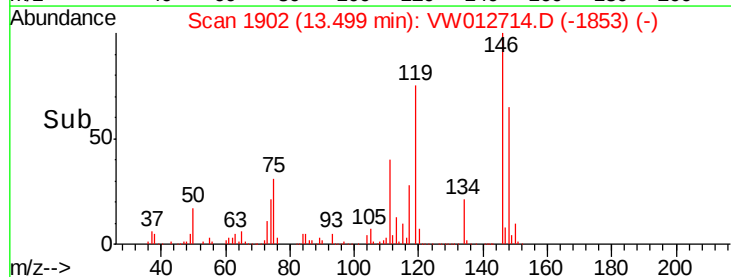
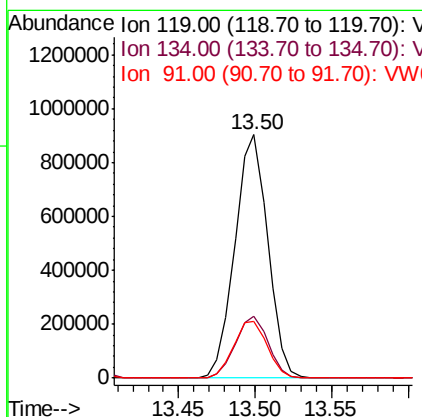
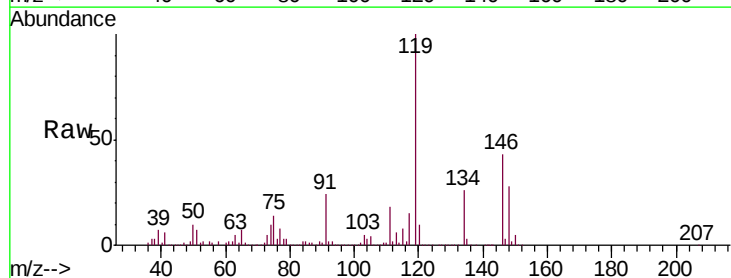
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

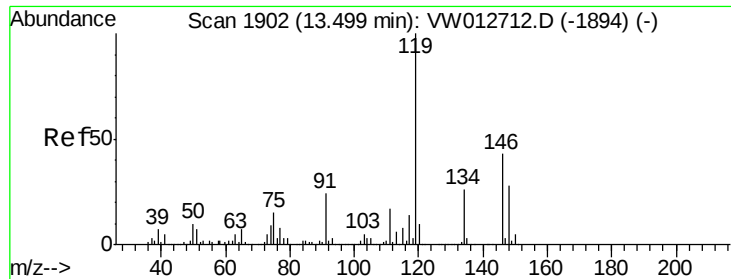
Tgt Ion:105 Resp: 1465570
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 147.421 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion:119 Resp: 1345250
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 144.324 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

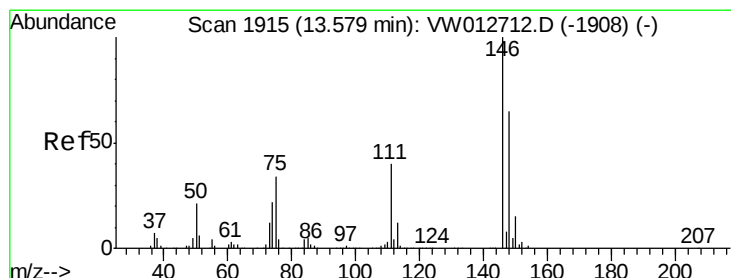
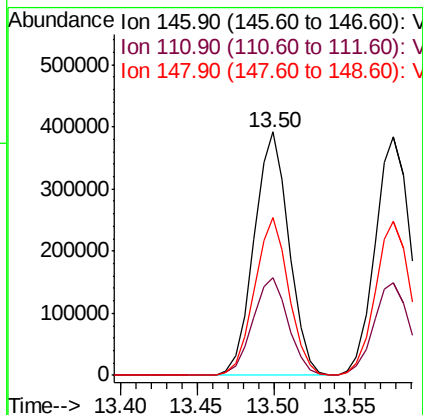
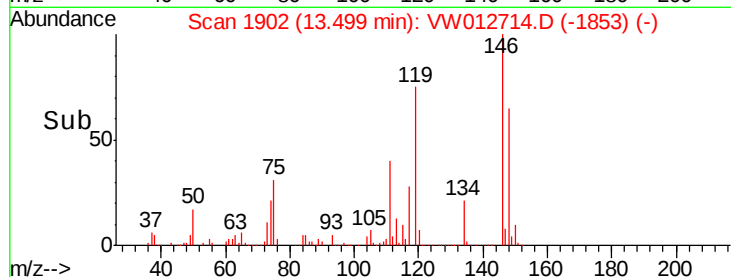
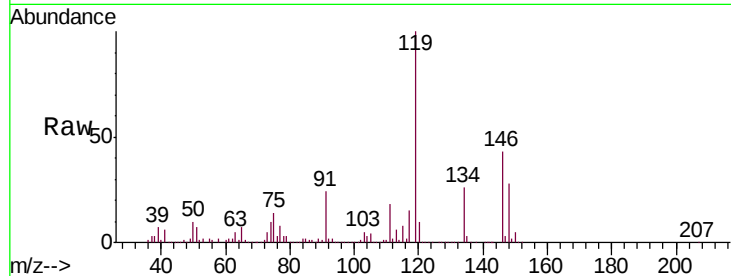
Tgt Ion:146 Resp: 621022

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.2

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 143.752 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

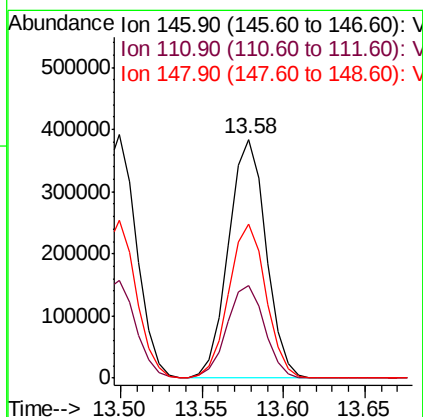
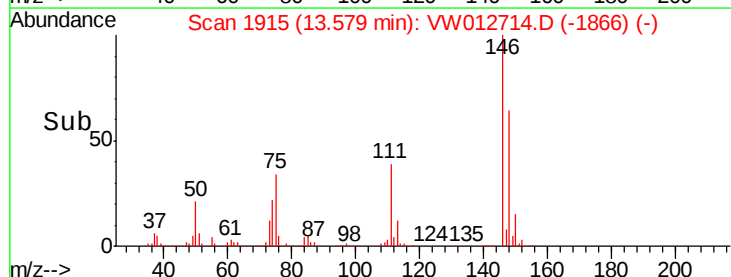
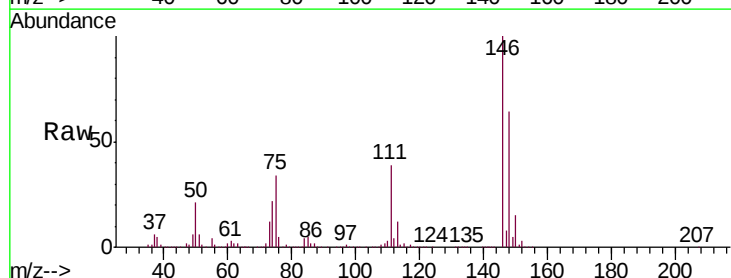
Tgt Ion:146 Resp: 615508

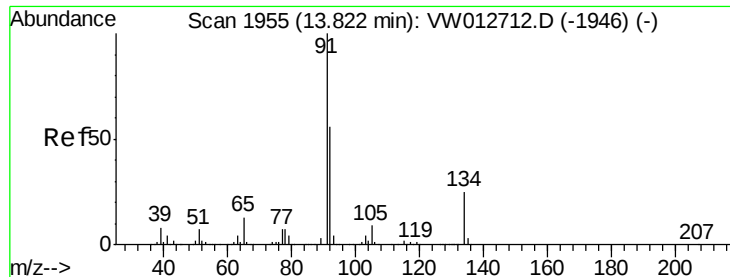
Ion Ratio Lower Upper

146 100

111 39.0 20.0 60.0

148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 149.672 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

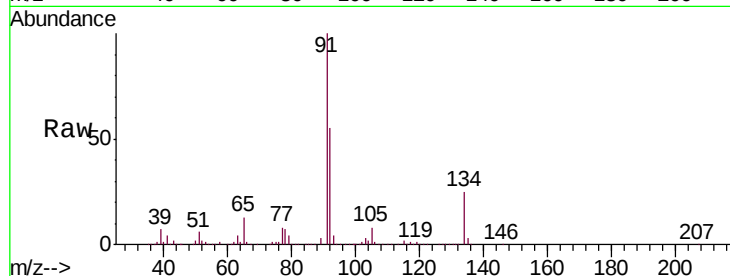
Tgt Ion: 91 Resp: 1325954

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

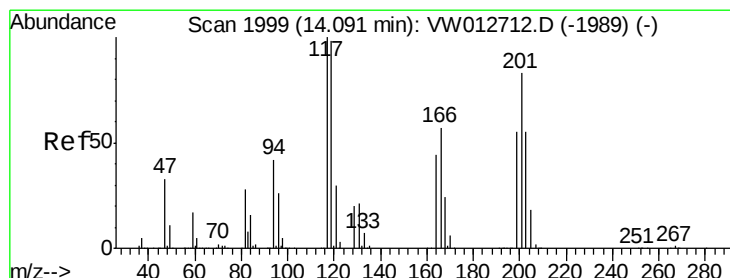
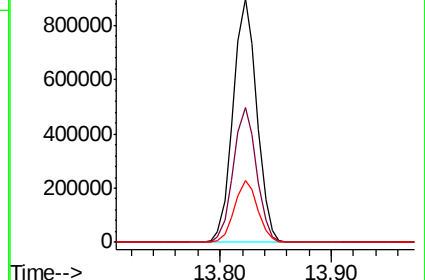
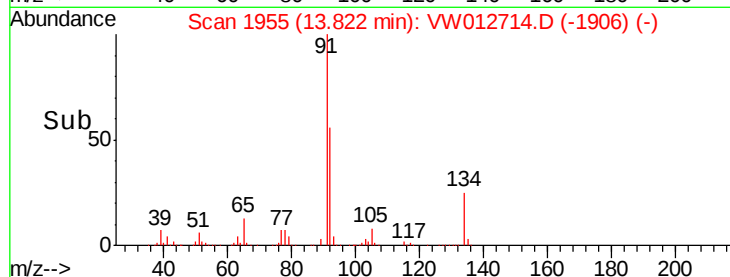
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 153.599 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012714.D

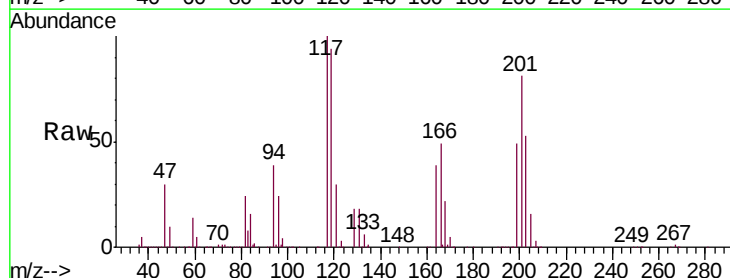
Acq: 07 Sep 2019 11:56

Tgt Ion: 117 Resp: 244687

Ion Ratio Lower Upper

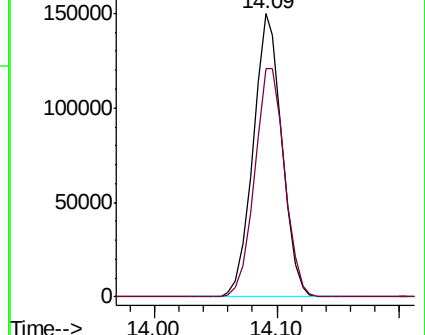
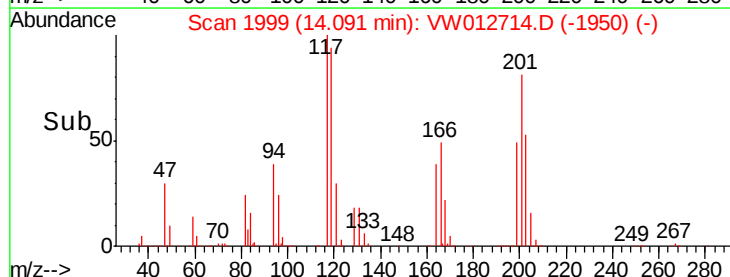
117 100

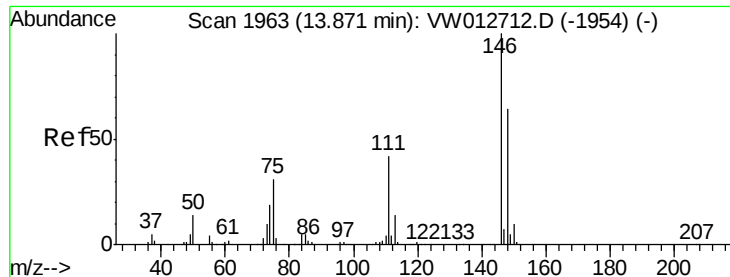
201 84.2 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 146.376 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

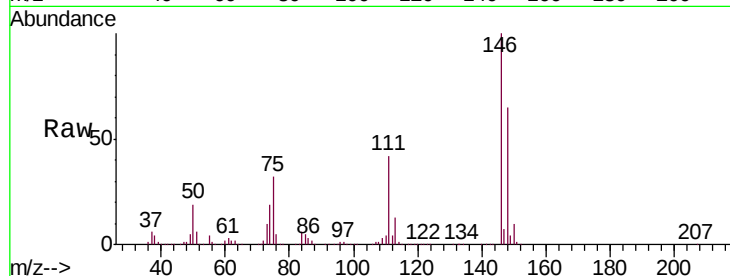
Tgt Ion:146 Resp: 566905

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.9

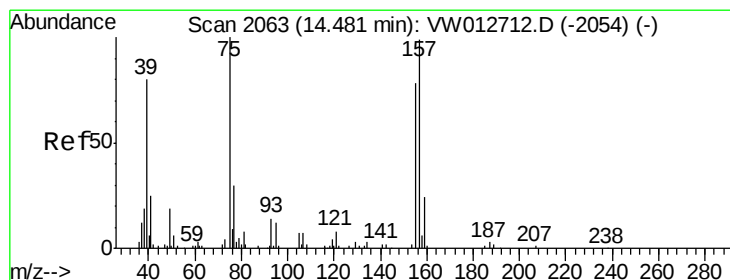
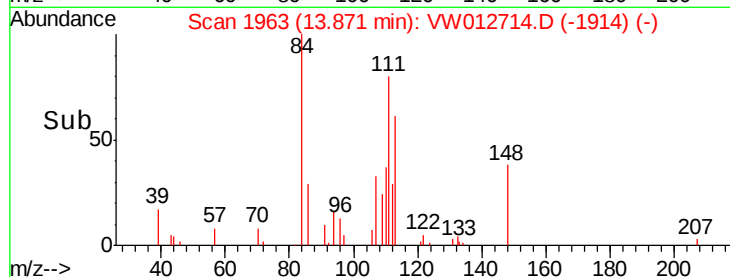
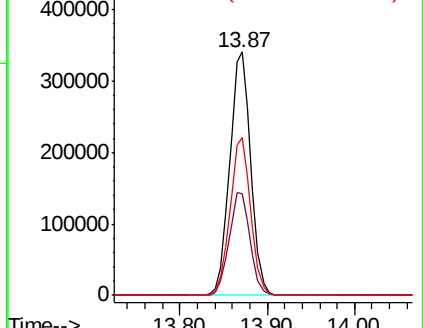
148 63.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 176.123 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW012714.D

Acq: 07 Sep 2019 11:56

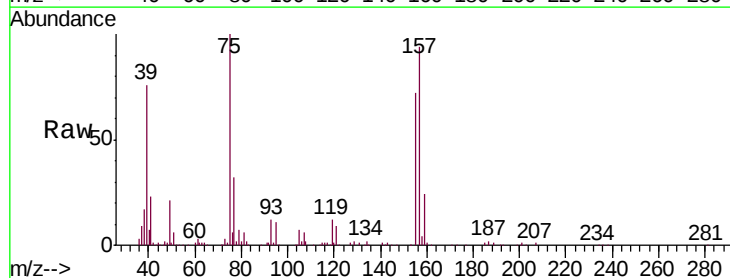
Tgt Ion: 75 Resp: 62547

Ion Ratio Lower Upper

75 100

155 77.9 40.6 122.0

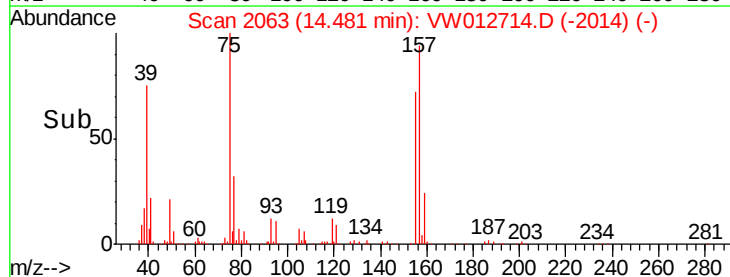
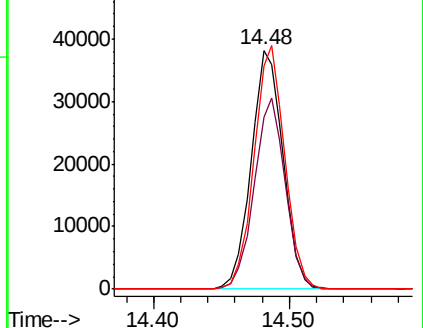
157 98.5 52.5 157.5

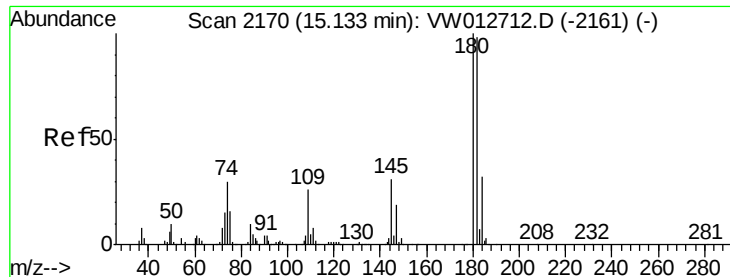


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

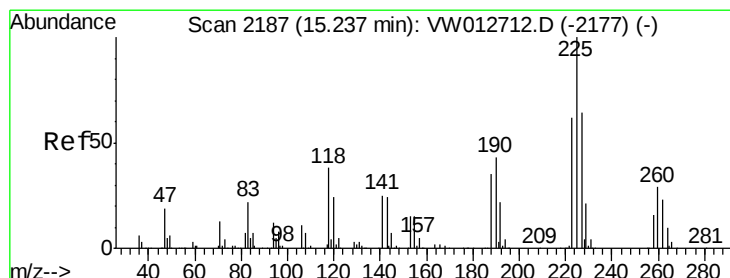
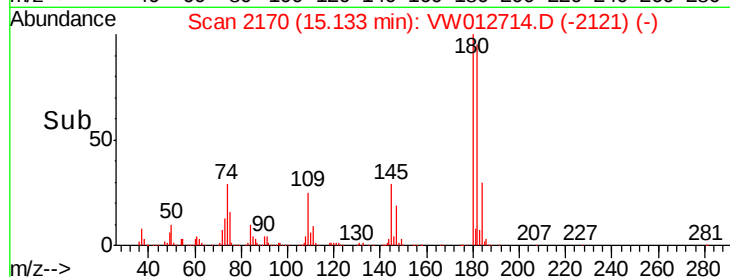
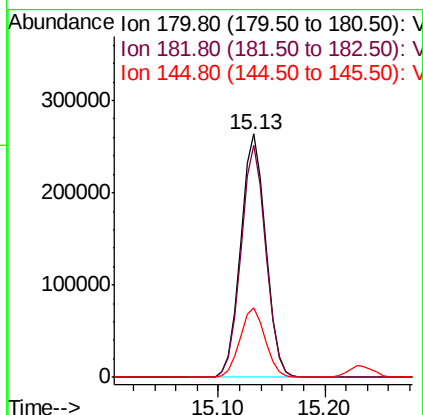
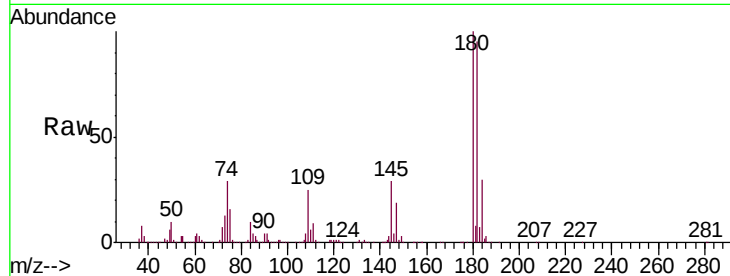




#93
 1,2,4-Trichlorobenzene
 Concen: 161.115 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

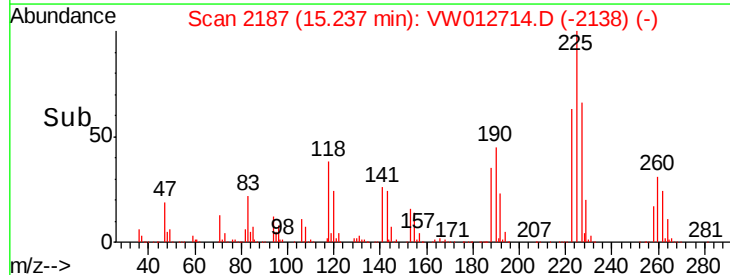
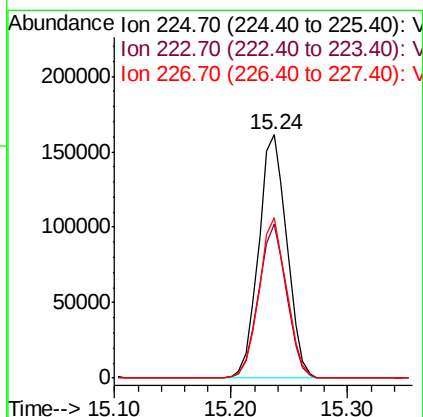
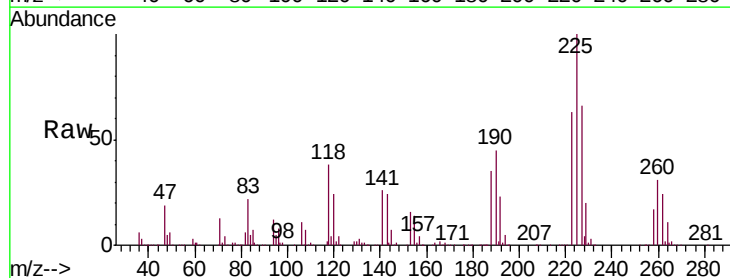
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

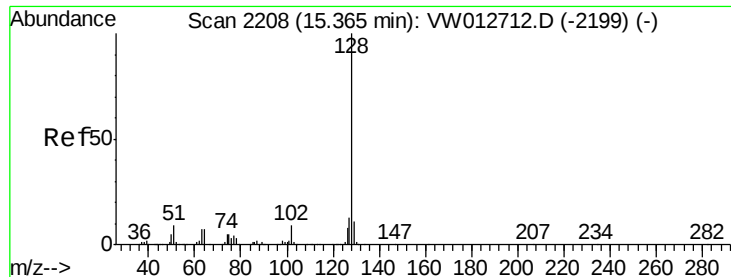
Tgt Ion:180 Resp: 434436
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.7 146.1
 145 29.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 145.118 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012714.D
 Acq: 07 Sep 2019 11:56

Tgt Ion:225 Resp: 270846
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 64.5 31.4 94.2

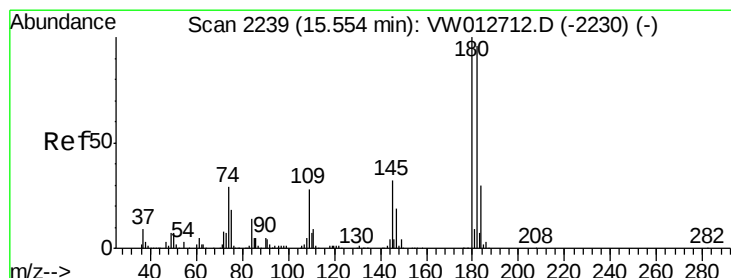
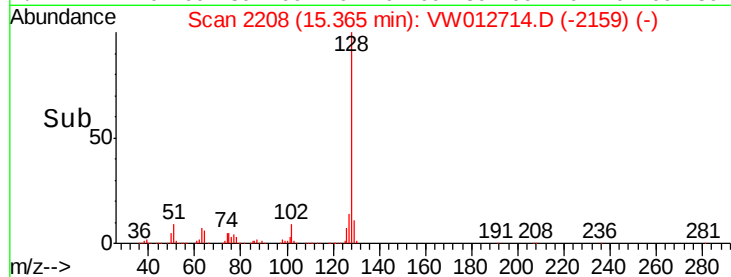
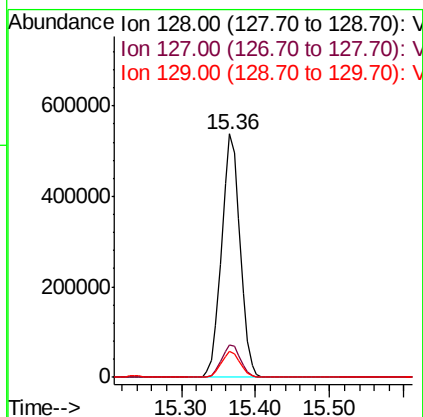
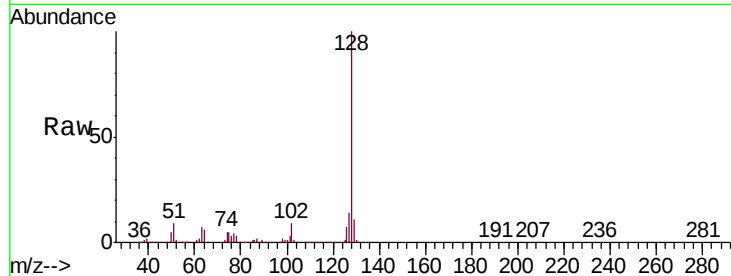




#95
Naphthalene
Concen: 184.598 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 926735
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 162.787 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012714.D
Acq: 07 Sep 2019 11:56

Tgt Ion:180 Resp: 387455
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 32.1 15.4 46.2

