

Data File : VW012710.D
Acq On : 07 Sep 2019 10:12
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Sep 08 04:50:14 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	260820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	28015	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	
35) Dibromofluoromethane	7.88	113	22684	9.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.40%	
50) Toluene-d8	10.32	98	82164	8.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.94%	
62) 4-Bromofluorobenzene	12.62	95	32412	9.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	14339	10.141	ug/l	99
3) Chloromethane	2.21	50	20682	12.036	ug/l	98
4) Vinyl Chloride	2.36	62	24043	11.411	ug/l	95
5) Bromomethane	2.78	94	12945	11.314	ug/l	95
6) Chloroethane	2.92	64	13887	11.045	ug/l	95
7) Trichlorofluoromethane	3.26	101	15545	10.691	ug/l	100
8) Diethyl Ether	3.68	74	12290	10.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	23685	10.380	ug/l	97
10) Methyl Iodide	4.28	142	30949	10.775	ug/l	99
11) Tert butyl alcohol	5.16	59	9151	41.042	ug/l #	78
12) 1,1-Dichloroethene	4.04	96	22497	10.445	ug/l	98
13) Acrolein	3.89	56	12318	52.060	ug/l	96
14) Allyl chloride	4.67	41	44711	10.035	ug/l	97
15) Acrylonitrile	5.36	53	32771	45.914	ug/l	99
16) Acetone	4.12	43	36547	46.001	ug/l	100
17) Carbon Disulfide	4.38	76	50752	11.101	ug/l	96
18) Methyl Acetate	4.67	43	17532	9.406	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	41372	9.685	ug/l	97
20) Methylene Chloride	4.92	84	27596	11.103	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	23056	10.491	ug/l	96
22) Diisopropyl ether	6.31	45	89611	10.140	ug/l #	88
23) Vinyl Acetate	6.26	43	269533	48.126	ug/l	98
24) 1,1-Dichloroethane	6.22	63	47936	10.074	ug/l	99
25) 2-Butanone	7.17	43	45258	43.157	ug/l	98
26) 2,2-Dichloropropane	7.16	77	30071	10.006	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	25230	9.901	ug/l	99
28) Bromochloromethane	7.51	49	20870	9.552	ug/l	99
29) Tetrahydrofuran	7.53	42	29400	45.825	ug/l	97
30) Chloroform	7.68	83	47913	10.160	ug/l	88
31) Cyclohexane	7.95	56	47080	10.990	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	38982	10.198	ug/l	98
36) 1,1-Dichloropropene	8.09	75	35666	10.202	ug/l	98
37) Ethyl Acetate	7.25	43	20467	9.184	ug/l	98
38) Carbon Tetrachloride	8.07	117	34821	10.105	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40791	10.389	ug/l	99
40) Benzene	8.32	78	100319	10.343	ug/l	100
41) Methacrylonitrile	7.48	41	10204	7.594	ug/l #	78
42) 1,2-Dichloroethane	8.40	62	33800	9.902	ug/l	99
43) Isopropyl Acetate	8.42	43	36436	8.630	ug/l	97
44) Trichloroethene	9.09	130	25300	10.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27051	10.056	ug/l	96
46) Dibromomethane	9.46	93	12137	9.528	ug/l	97
47) Bromodichloromethane	9.65	83	32605	9.303	ug/l	97
48) Methyl methacrylate	9.44	41	17616	8.731	ug/l	95
49) 1,4-Dioxane	9.44	88	4134	164.290	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	93247	42.090	ug/l	100
52) Toluene	10.38	92	56914	9.401	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32683	9.069	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	38993	9.538	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17815	9.341	ug/l	98
56) Ethyl methacrylate	10.65	69	23945	8.577	ug/l	97
57) 1,3-Dichloropropane	10.93	76	33613	9.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	64736	43.680	ug/l	100
59) 2-Hexanone	10.97	43	70165	43.350	ug/l	100
60) Dibromochloromethane	11.13	129	20345	9.071	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16882	9.655	ug/l	99
64) Tetrachloroethene	10.86	164	20655	10.057	ug/l	95
65) Chlorobenzene	11.66	112	63951	9.997	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	21605	9.069	ug/l	99
67) Ethyl Benzene	11.73	91	110433	9.201	ug/l	100
68) m/p-Xylenes	11.84	106	88322	20.387	ug/l	99
69) o-Xylene	12.16	106	38504	9.421	ug/l	99
70) Styrene	12.18	104	68366	9.466	ug/l	99
71) Bromoform	12.35	173	12092	9.136	ug/l #	98
73) Isopropylbenzene	12.46	105	116231	10.351	ug/l	99
74) N-amyl acetate	12.27	43	33591	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	22360	9.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28118	18.300	ug/l #	100
77) Bromobenzene	12.74	156	25211	9.909	ug/l	99
78) n-propylbenzene	12.80	91	132861	9.893	ug/l	99
79) 2-Chlorotoluene	12.89	91	81814	10.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	99581	10.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	7057	9.323	ug/l	96
82) 4-Chlorotoluene	12.99	91	86194	10.569	ug/l	99
83) tert-Butylbenzene	13.21	119	88479	10.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	99259	10.410	ug/l	100
85) sec-Butylbenzene	13.38	105	122803	10.577	ug/l	100
86) p-Isopropyltoluene	13.50	119	111300	10.495	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	52504	10.499	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49283	9.904	ug/l	98
89) n-Butylbenzene	13.82	91	107373	10.429	ug/l	99
90) Hexachloroethane	14.09	117	19101	10.318	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	46139	10.251	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3825	9.268	ug/l	95

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	30651	9.781	ug/l	97
94) Hexachlorobutadiene	15.24	225	23156	10.676	ug/l	99
95) Naphthalene	15.36	128	49902	8.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	27183	9.827	ug/l	99

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

Data File : VW012710.D

Acq On : 07 Sep 2019 10:12

Operator : SY/VA

Sample : VSTDICC010

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 3      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

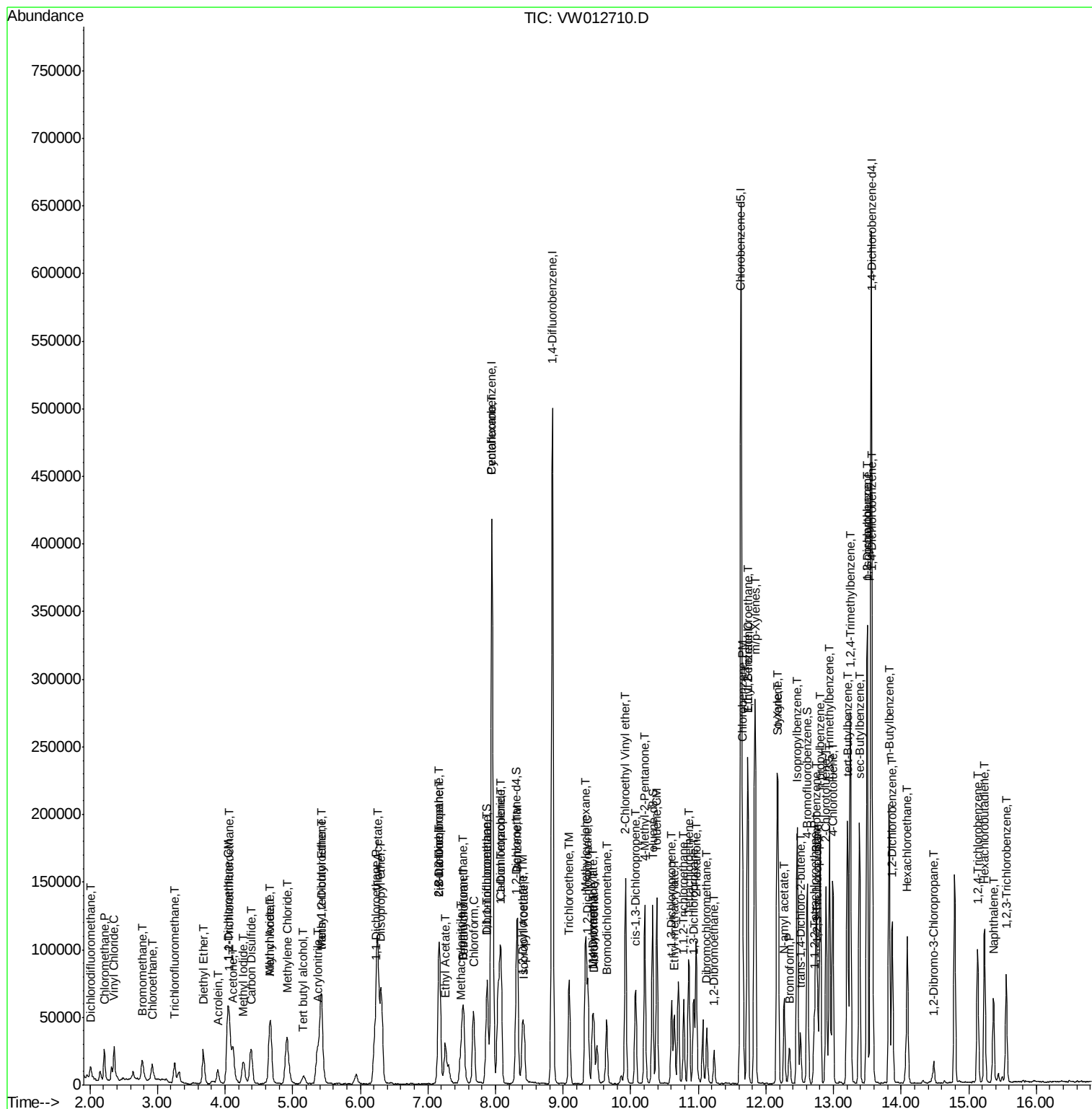
Quant Time: Sep 08 04:50:14 2019

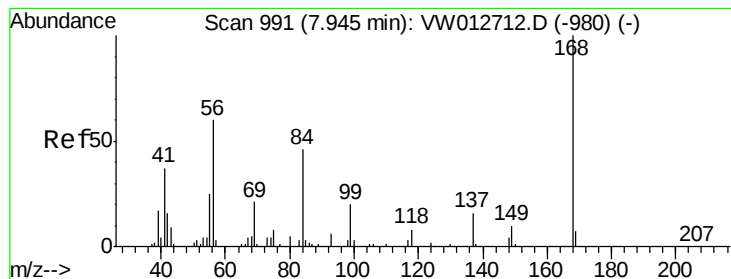
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M

Quant Title : SW846 8260

QLast Update : Sun Sep 08 04:47:02 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

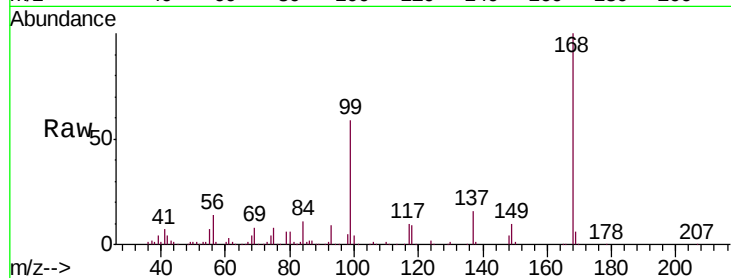
VSTDIC010

Tgt Ion:168 Resp: 260820

Ion Ratio Lower Upper

168 100

99 59.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

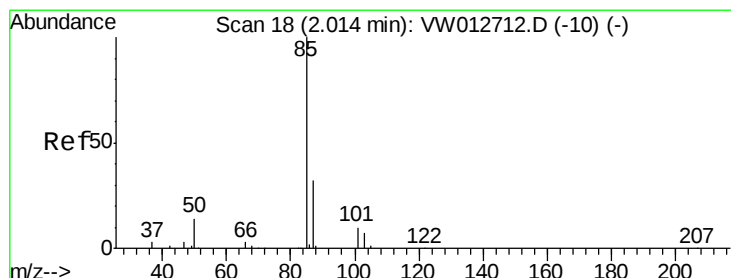
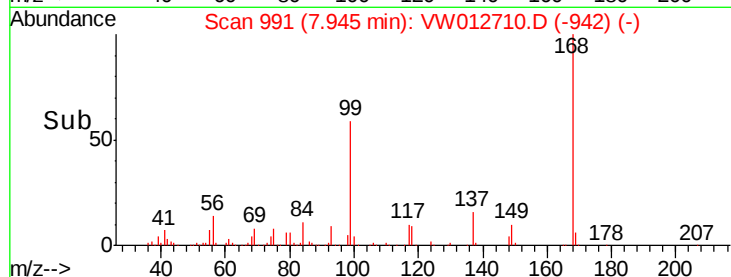
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 10.141 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012710.D

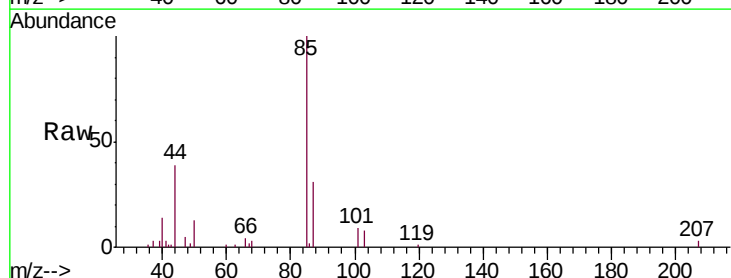
Acq: 07 Sep 2019 10:12

Tgt Ion: 85 Resp: 14339

Ion Ratio Lower Upper

85 100

87 30.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

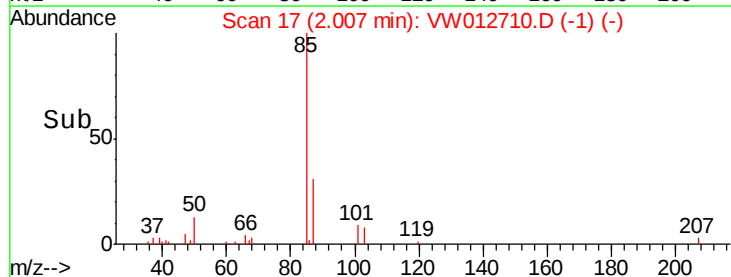
2000

1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 12.036 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

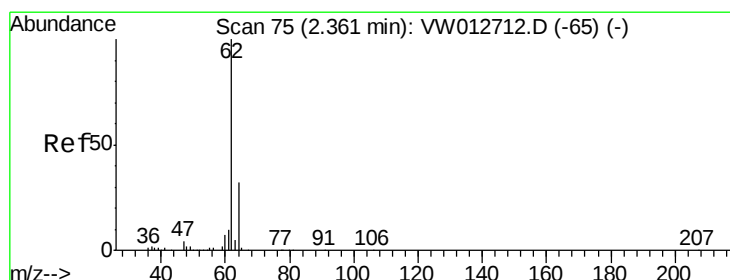
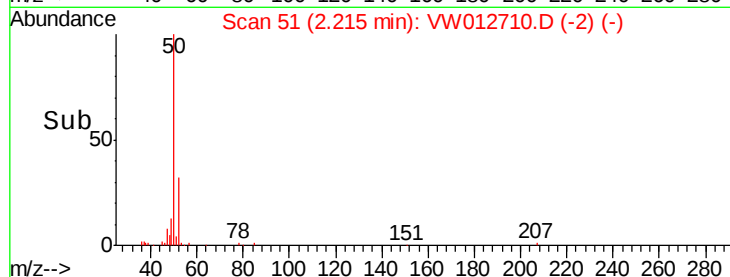
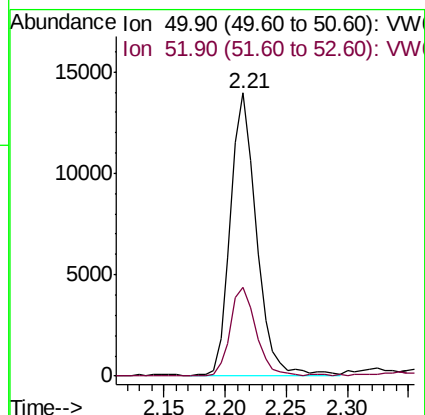
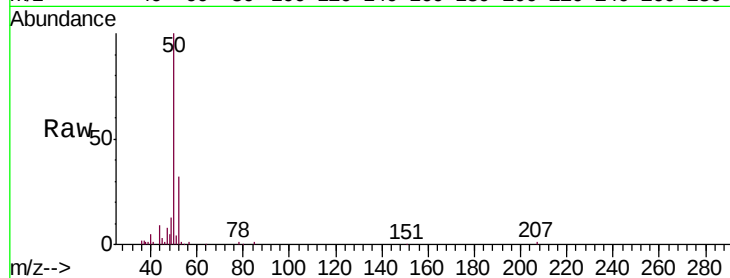
VSTDIC010

Tgt Ion: 50 Resp: 20682

Ion Ratio Lower Upper

50 100

52 31.5 24.2 36.2



#4

Vinyl Chloride

Concen: 11.411 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012710.D

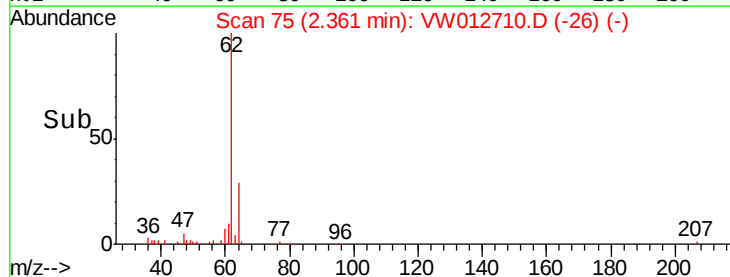
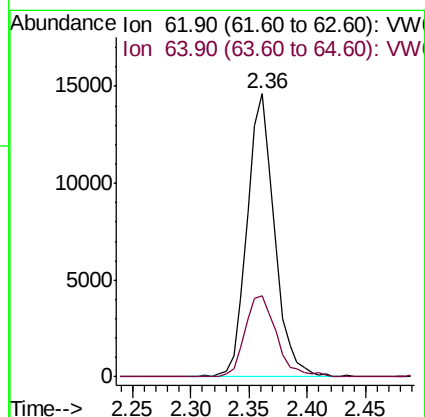
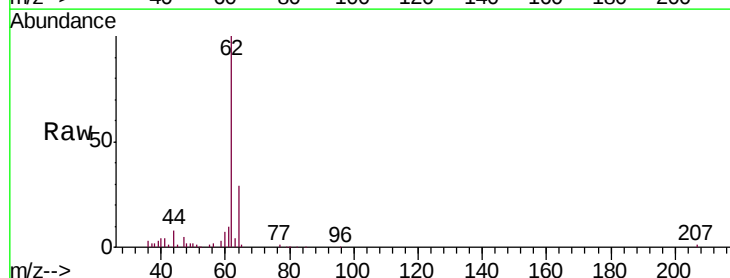
Acq: 07 Sep 2019 10:12

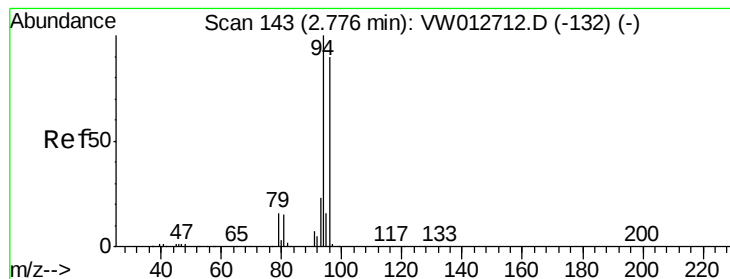
Tgt Ion: 62 Resp: 24043

Ion Ratio Lower Upper

62 100

64 28.6 25.3 37.9





#5

Bromomethane

Concen: 11.314 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

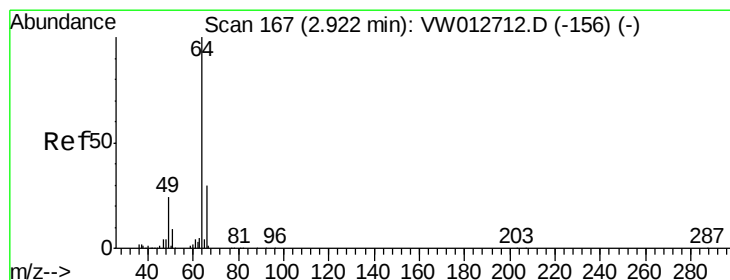
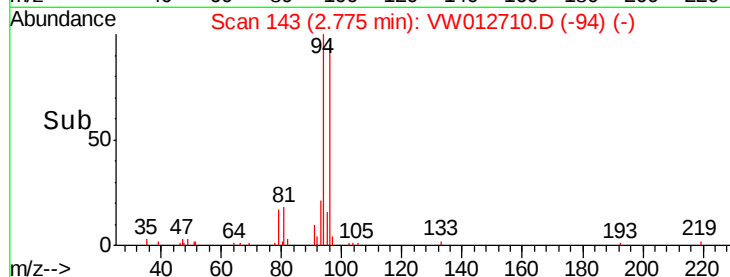
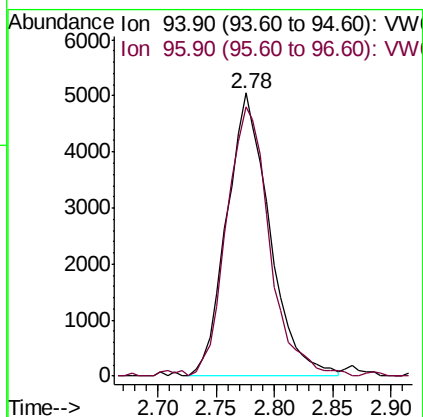
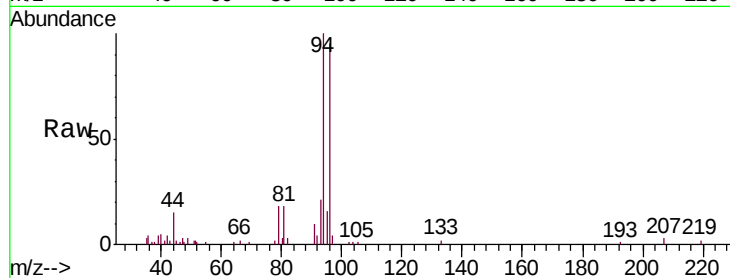
VSTDIC010

Tgt Ion: 94 Resp: 12945

Ion Ratio Lower Upper

94 100

96 95.1 72.1 108.1



#6

Chloroethane

Concen: 11.045 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW012710.D

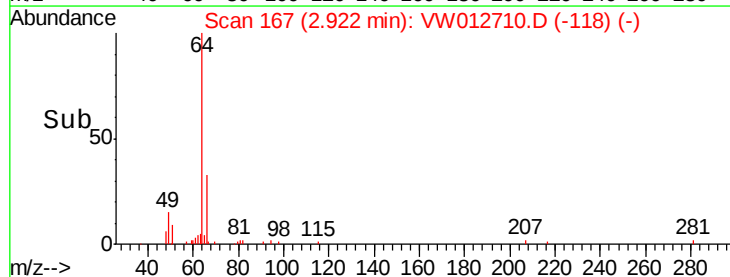
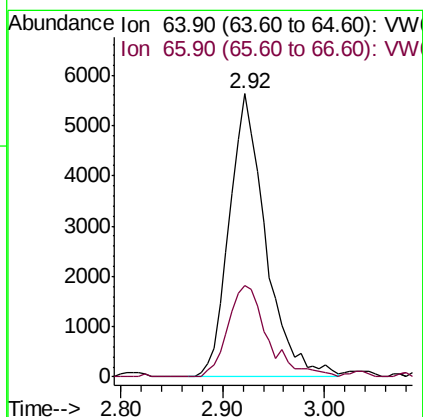
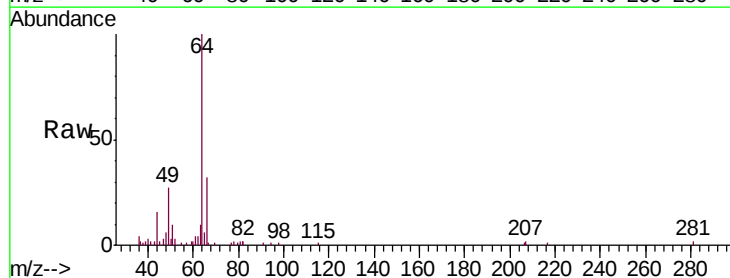
Acq: 07 Sep 2019 10:12

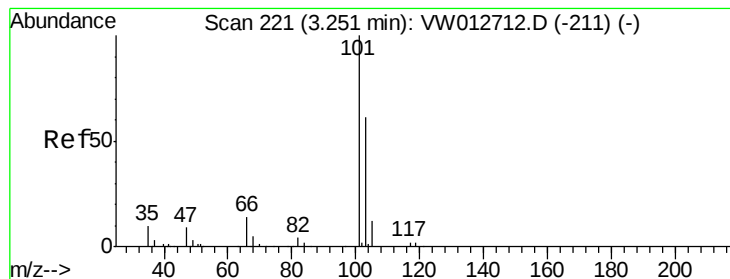
Tgt Ion: 64 Resp: 13887

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.6



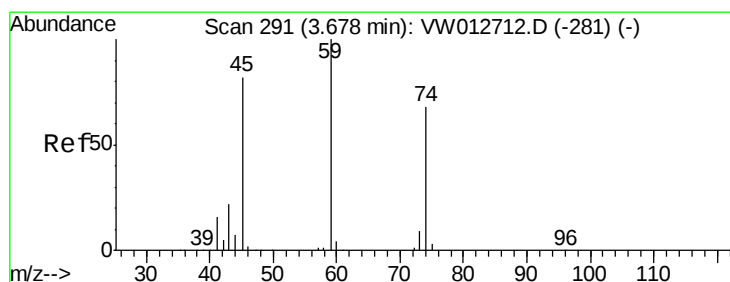
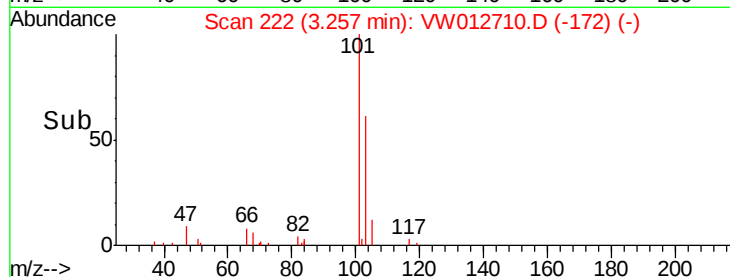
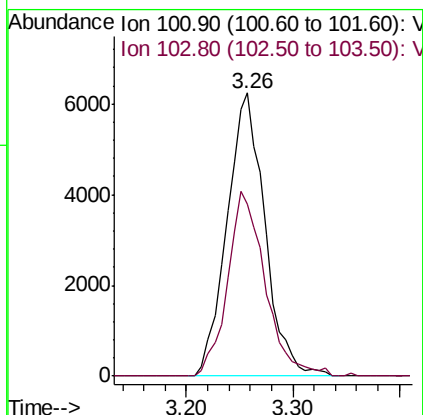
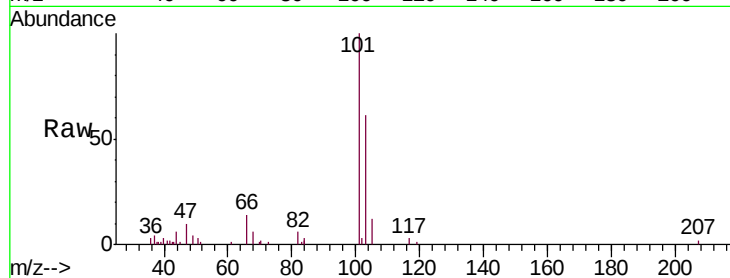


#7

Trichlorofluoromethane
 Concen: 10.691 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW012710.D
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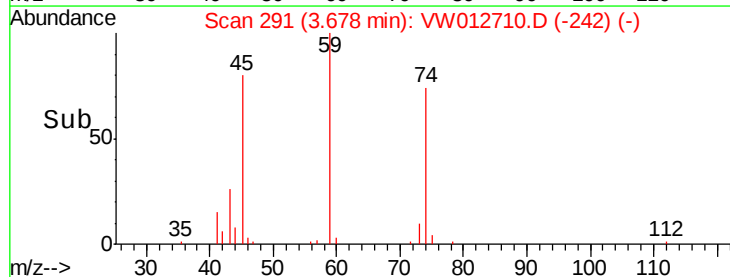
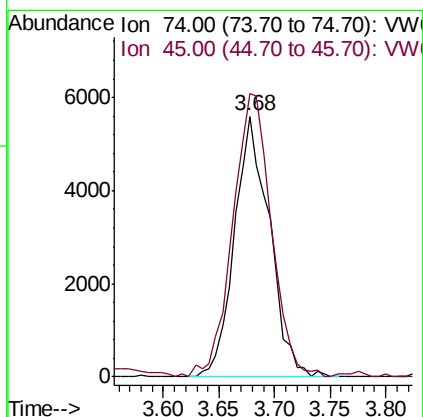
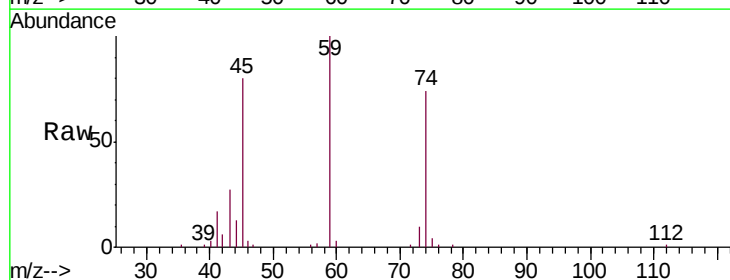
Tgt Ion:101 Resp: 15545
 Ion Ratio Lower Upper
 101 100
 103 61.0 49.0 73.4

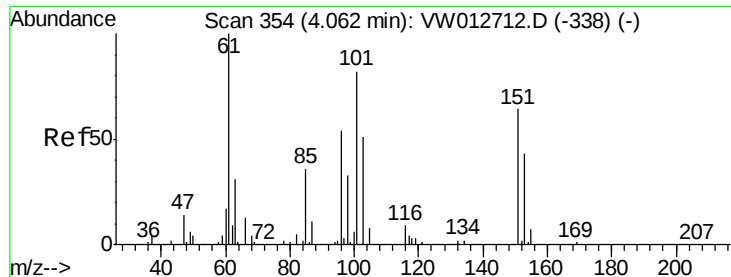


#8

Diethyl Ether
 Concen: 10.057 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 74 Resp: 12290
 Ion Ratio Lower Upper
 74 100
 45 119.4 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.380 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

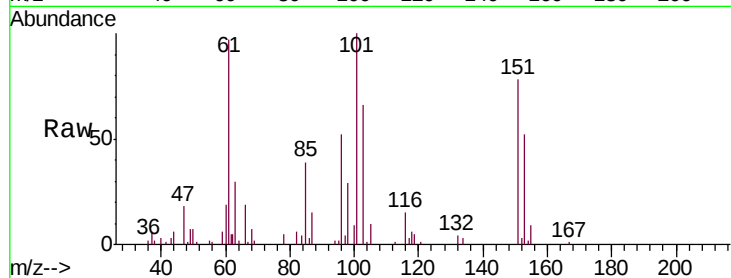
Tgt Ion:101 Resp: 23685

Ion Ratio Lower Upper

101 100

85 45.9 36.2 54.2

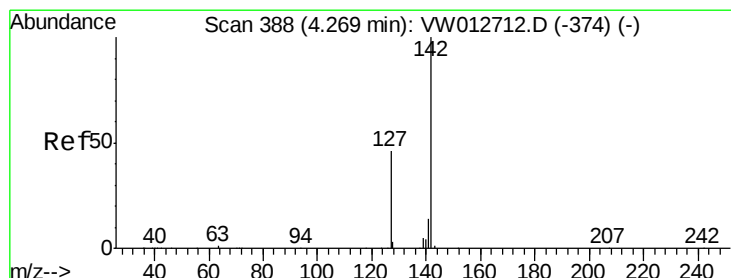
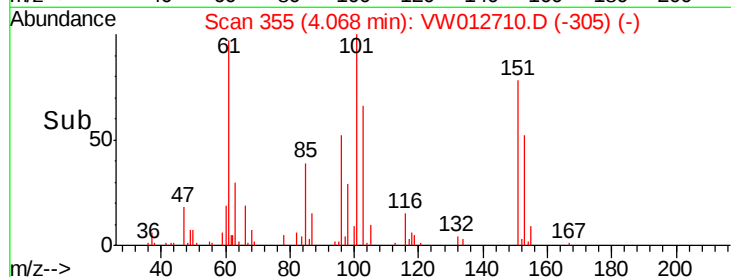
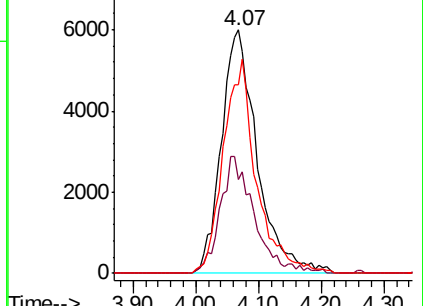
151 81.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.775 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

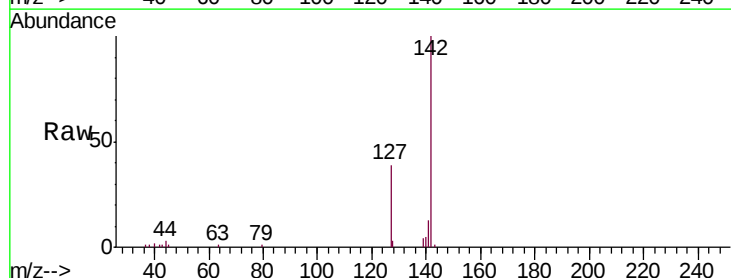
Tgt Ion:142 Resp: 30949

Ion Ratio Lower Upper

142 100

127 45.3 36.0 54.0

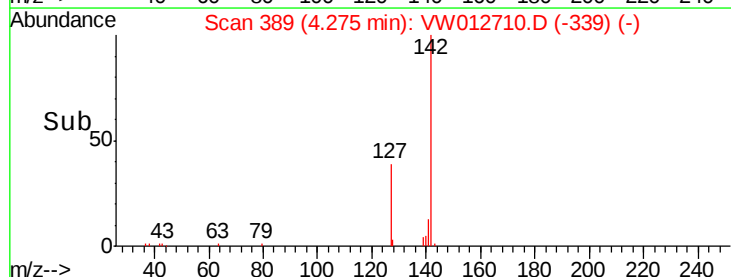
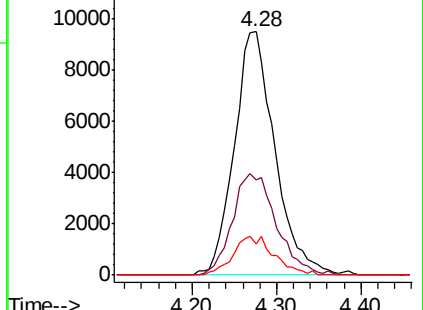
141 16.0 12.2 18.4

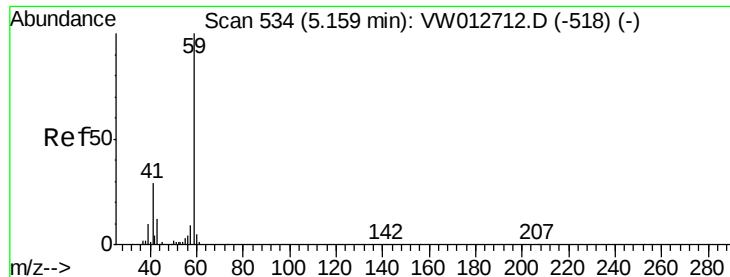


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 41.042 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampled :

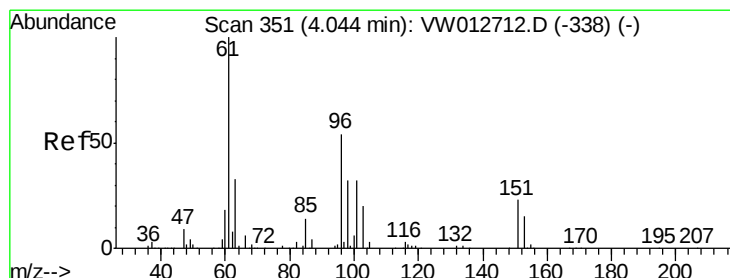
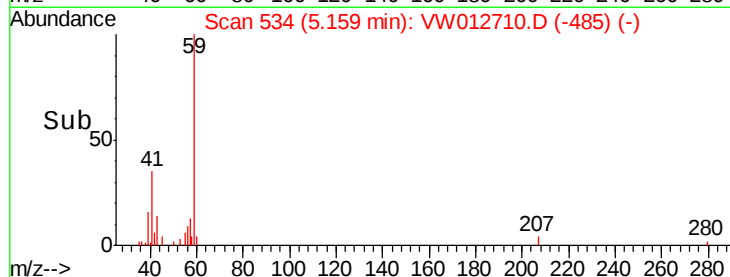
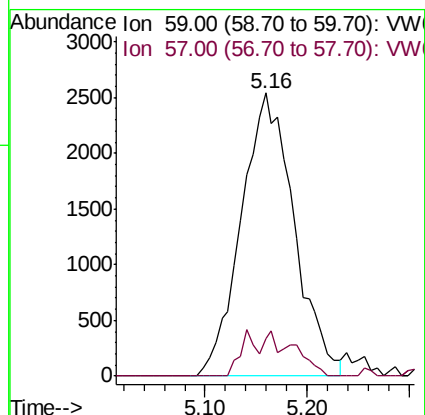
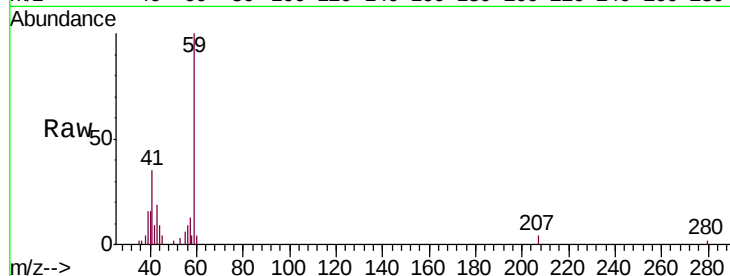
VSTDIC010

Tgt Ion: 59 Resp: 9151

Ion Ratio Lower Upper

59 100

57 2.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 10.445 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

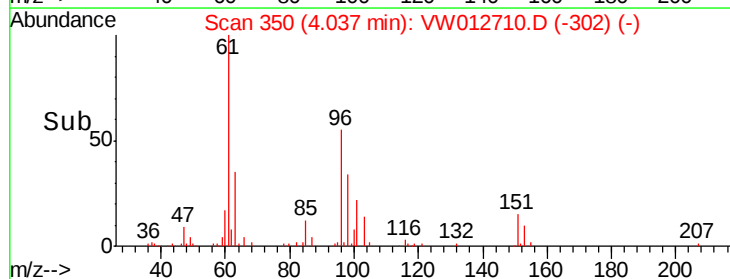
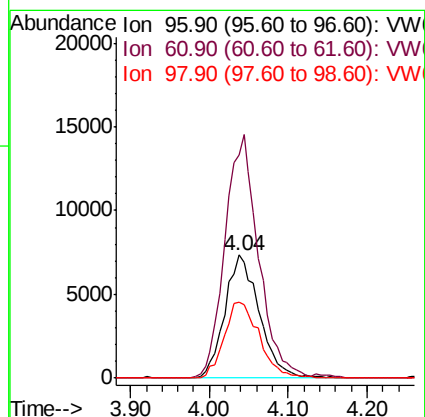
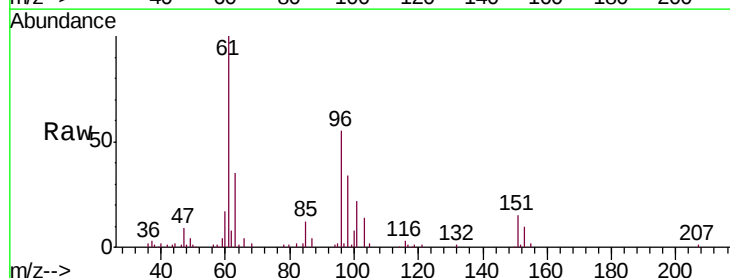
Tgt Ion: 96 Resp: 22497

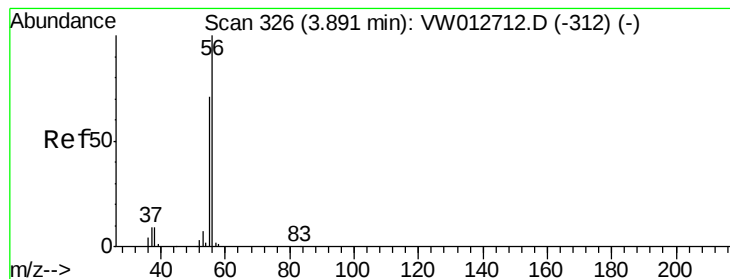
Ion Ratio Lower Upper

96 100

61 182.0 147.8 221.6

98 61.3 47.9 71.9





#13

Acrolein

Concen: 52.060 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

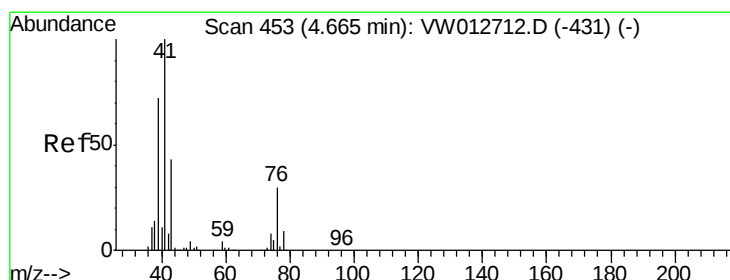
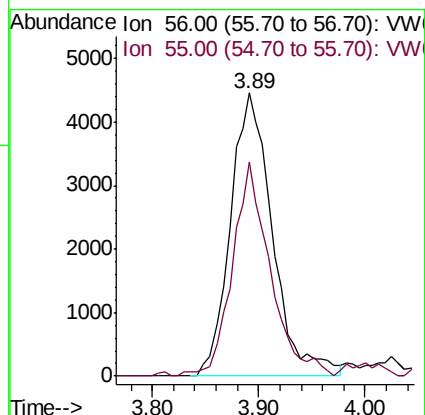
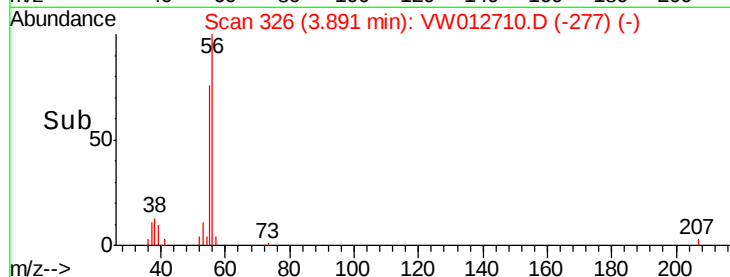
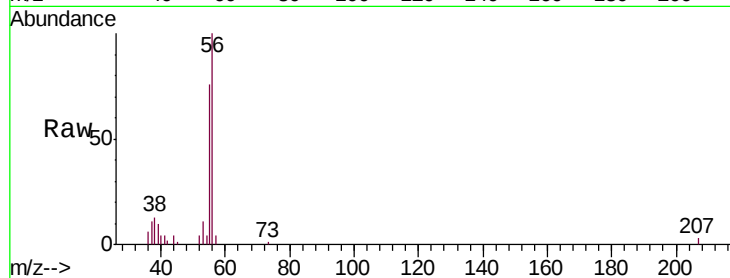
VSTDIC010

Tgt Ion: 56 Resp: 12318

Ion Ratio Lower Upper

56 100

55 67.9 56.9 85.3



#14

Allyl chloride

Concen: 10.035 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

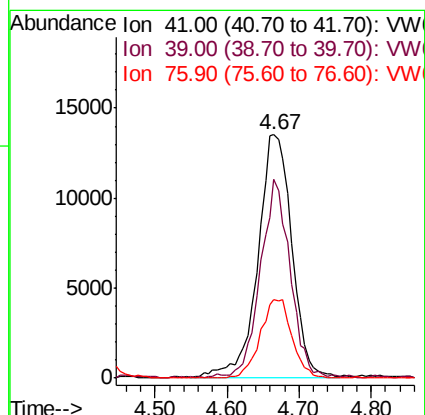
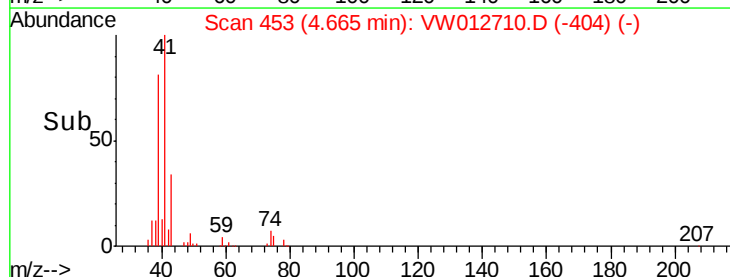
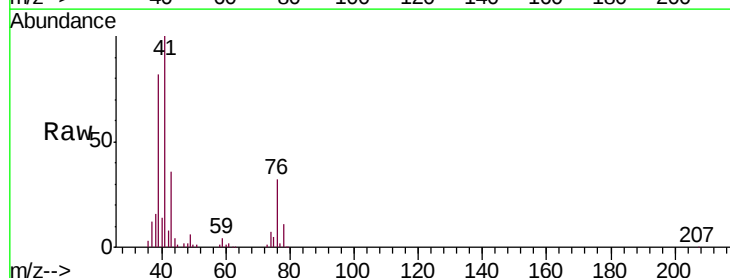
Tgt Ion: 41 Resp: 44711

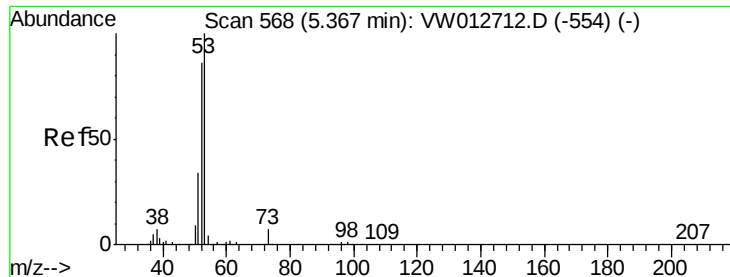
Ion Ratio Lower Upper

41 100

39 71.5 55.0 82.6

76 30.0 23.0 34.4





#15

Acrylonitrile

Concen: 45.914 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

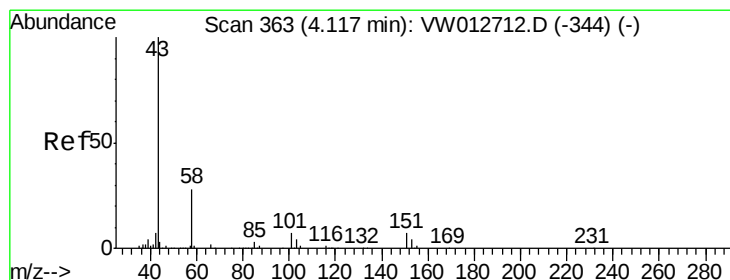
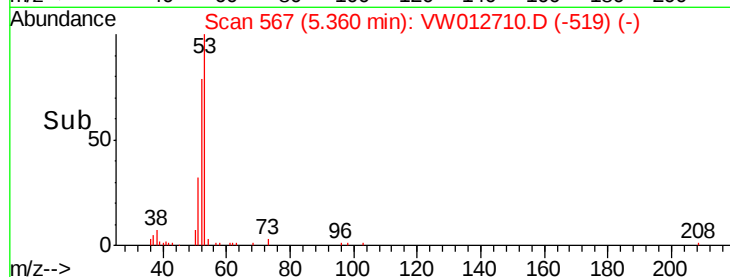
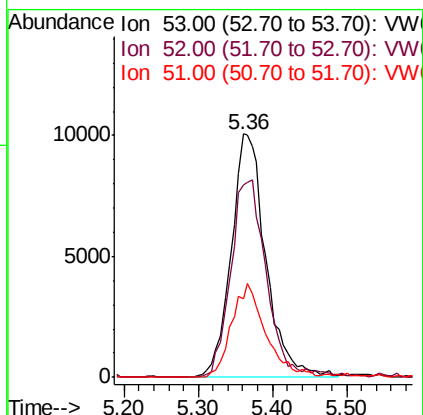
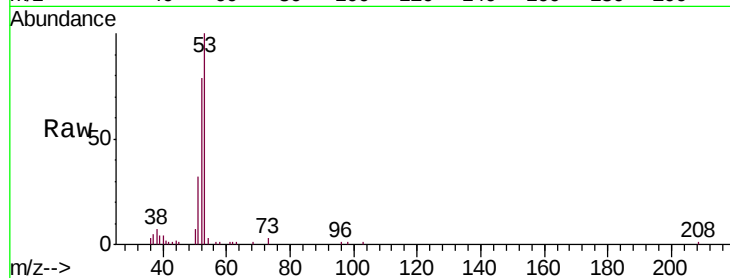
Tgt Ion: 53 Resp: 32771

Ion Ratio Lower Upper

53 100

52 82.1 67.0 100.4

51 37.0 29.8 44.8



#16

Acetone

Concen: 46.001 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012710.D

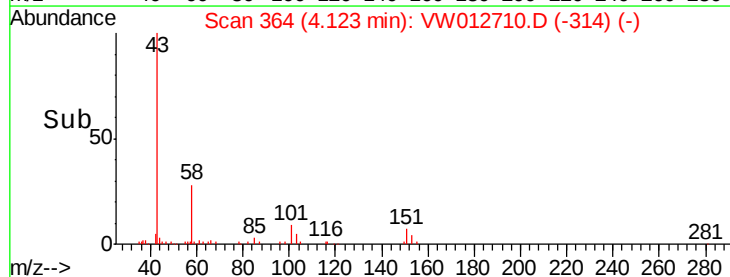
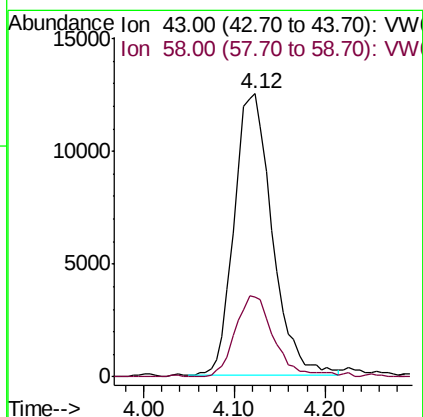
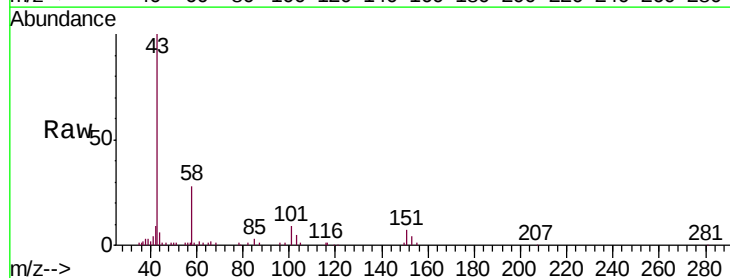
Acq: 07 Sep 2019 10:12

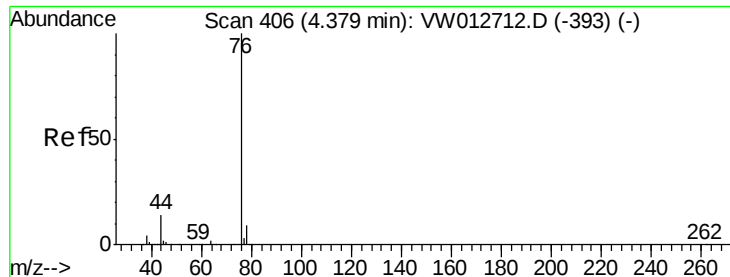
Tgt Ion: 43 Resp: 36547

Ion Ratio Lower Upper

43 100

58 28.1 22.6 33.8

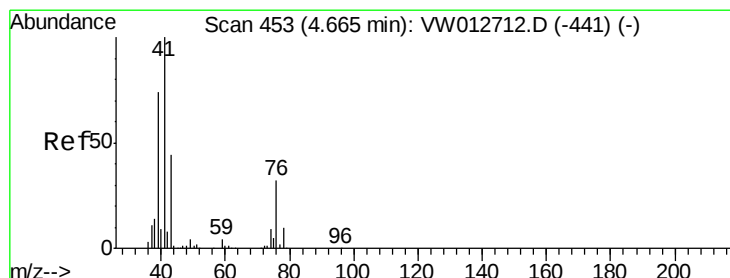
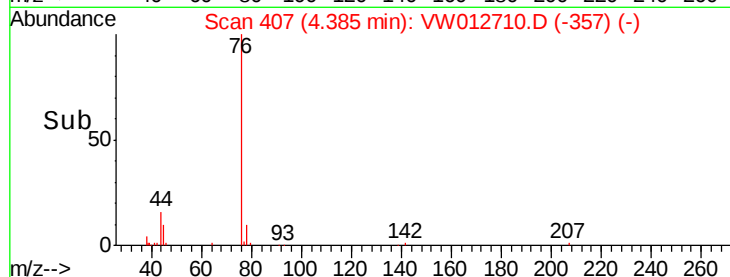
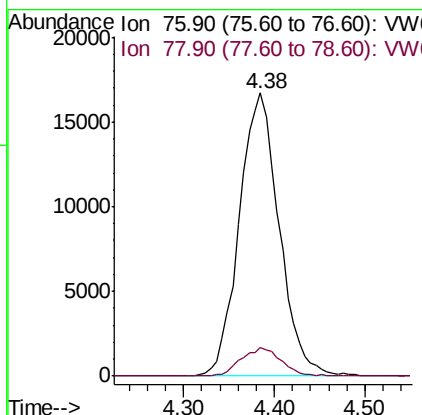
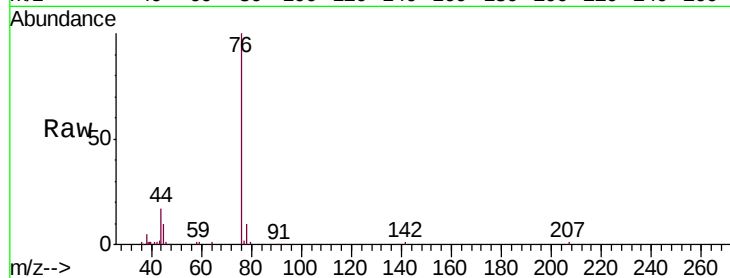




#17
Carbon Disulfide
Concen: 11.101 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

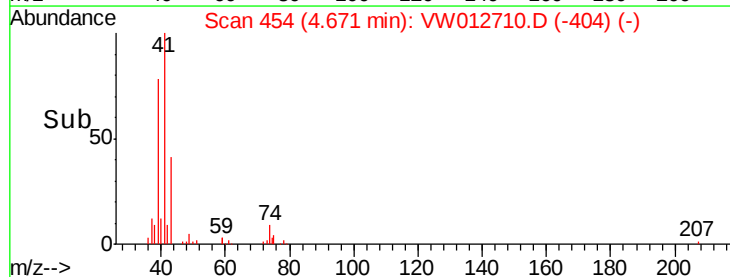
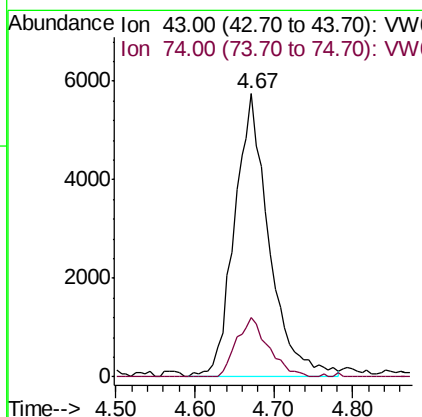
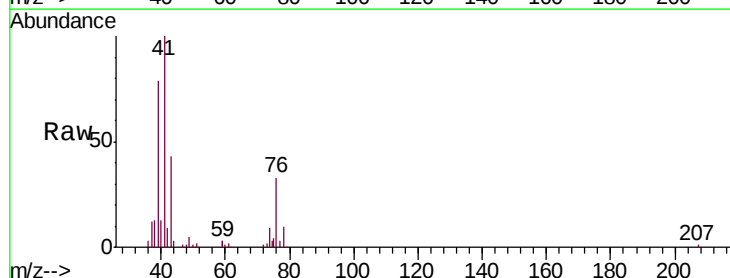
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

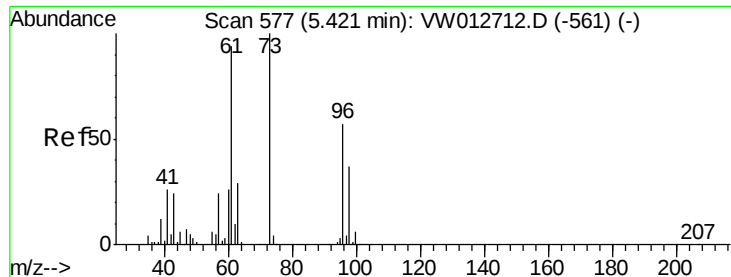
Tgt Ion: 76 Resp: 50752
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 9.406 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 43 Resp: 17532
Ion Ratio Lower Upper
43 100
74 19.3 15.8 23.6

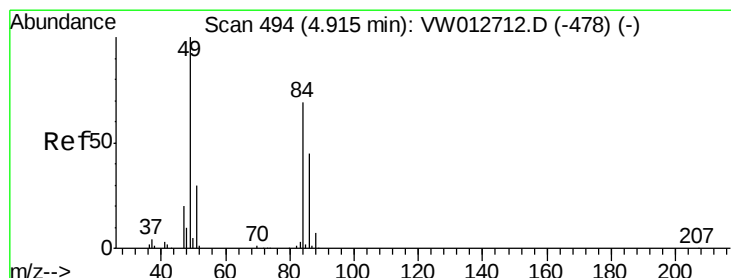
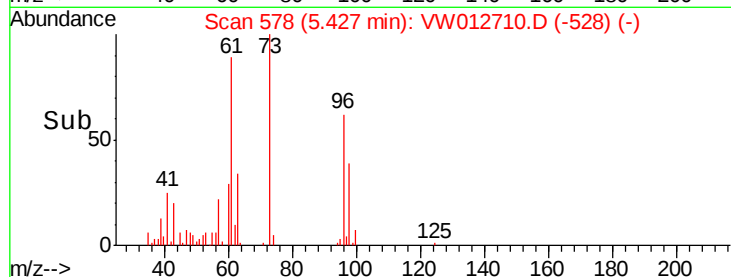
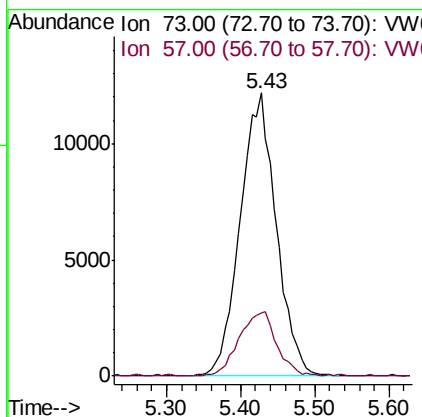
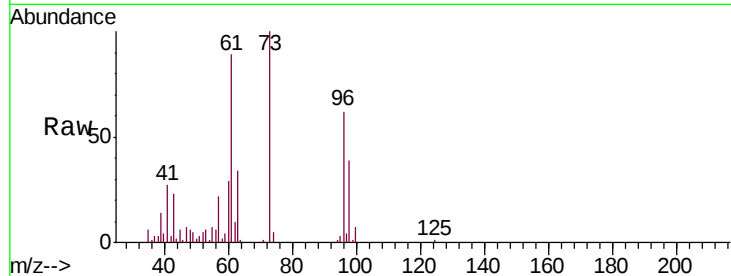




#19
Methyl tert-butyl Ether
Concen: 9.685 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

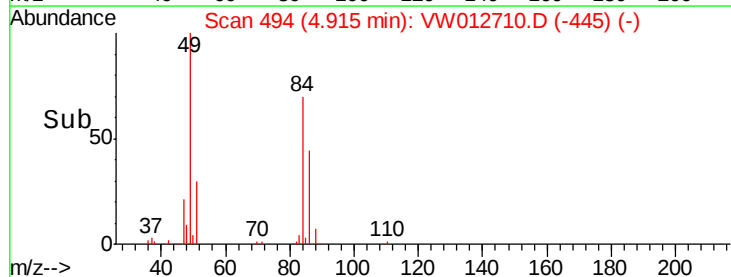
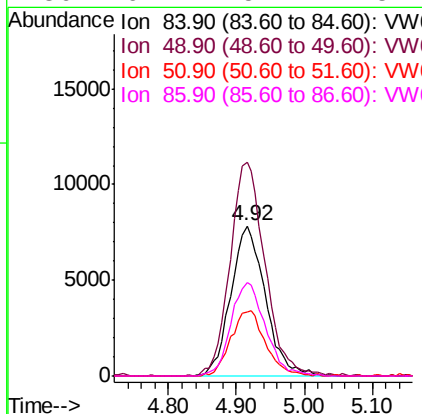
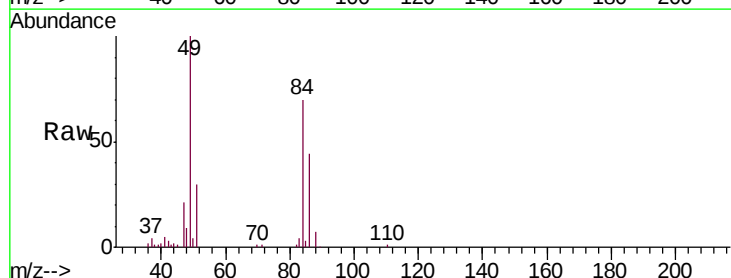
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

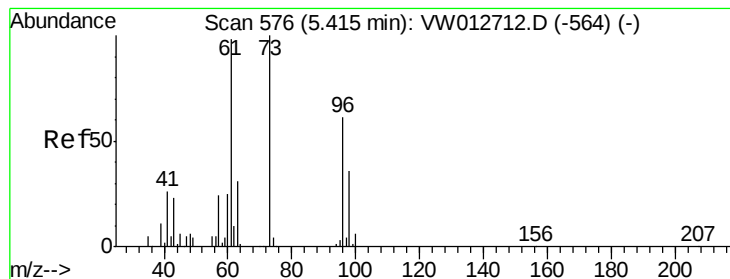
Tgt Ion: 73 Resp: 41372
Ion Ratio Lower Upper
73 100
57 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 11.103 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 84 Resp: 27596
Ion Ratio Lower Upper
84 100
49 142.5 115.4 173.0
51 42.4 34.9 52.3
86 62.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 10.491 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

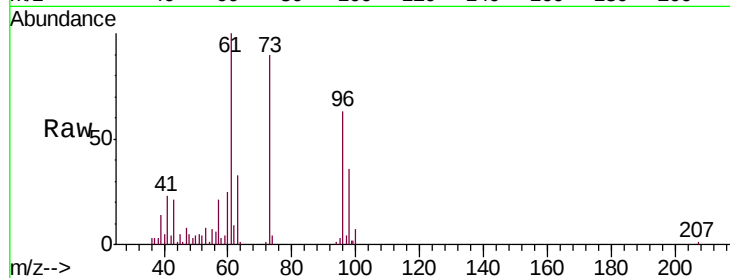
Tgt Ion: 96 Resp: 23056

Ion Ratio Lower Upper

96 100

61 156.7 129.2 193.8

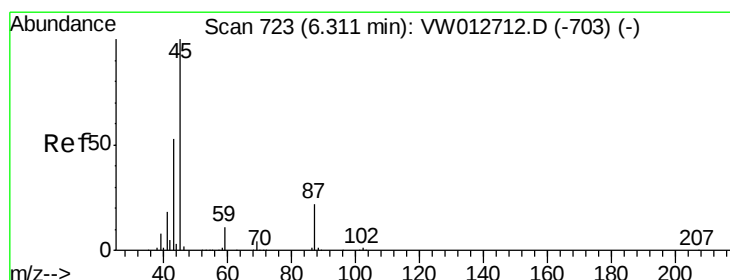
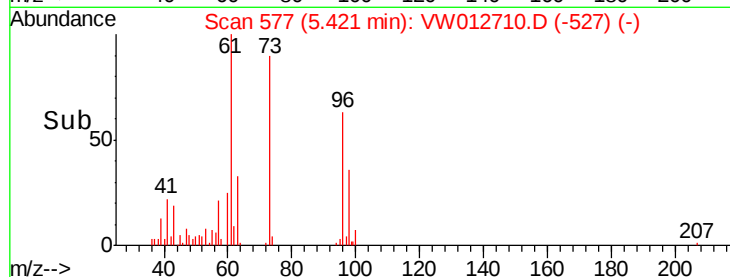
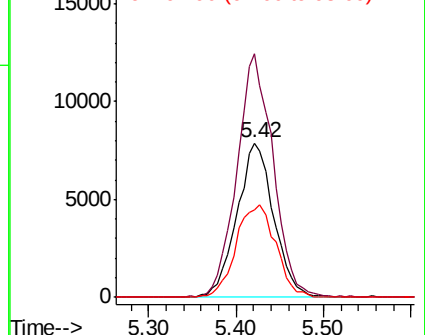
98 56.9 48.0 72.0



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: 10.140 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Tgt Ion: 45 Resp: 89611

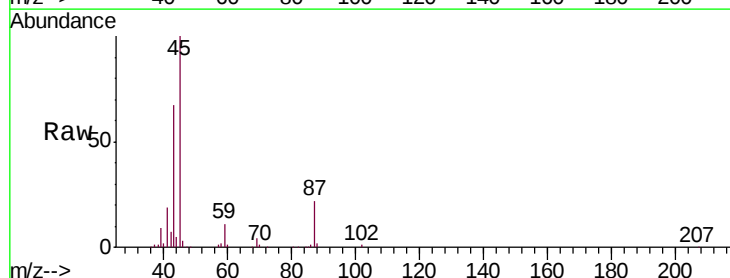
Ion Ratio Lower Upper

45 100

43 66.9 42.3 63.5#

87 22.3 18.2 27.2

59 10.6 8.5 12.7

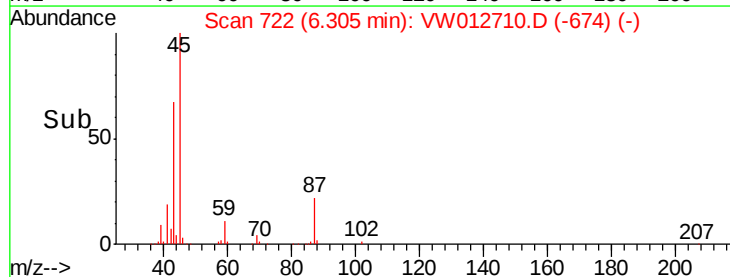
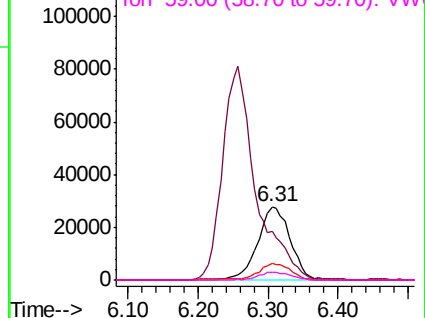


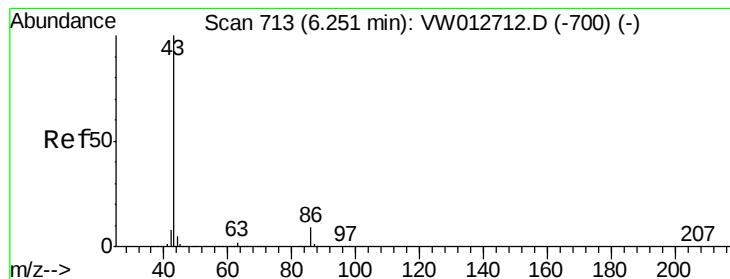
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 48.126 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

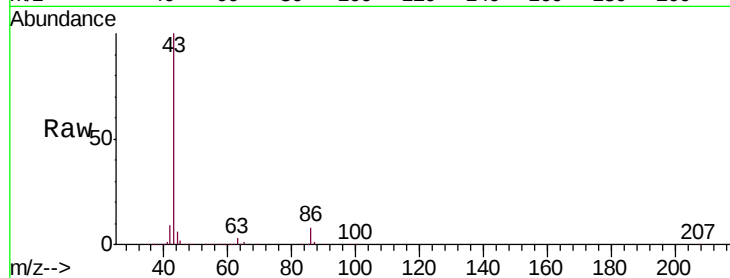
VSTDIC010

Tgt Ion: 43 Resp: 269533

Ion Ratio Lower Upper

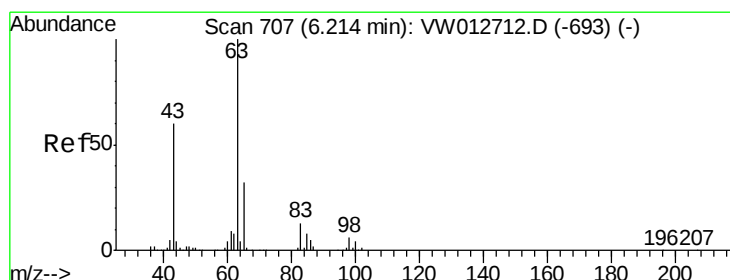
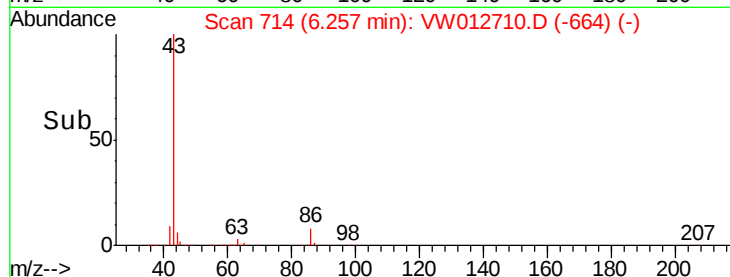
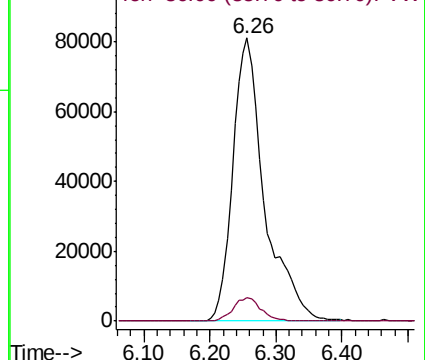
43 100

86 8.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.074 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

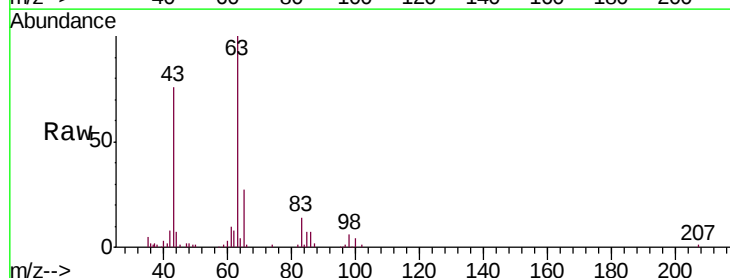
Tgt Ion: 63 Resp: 47936

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

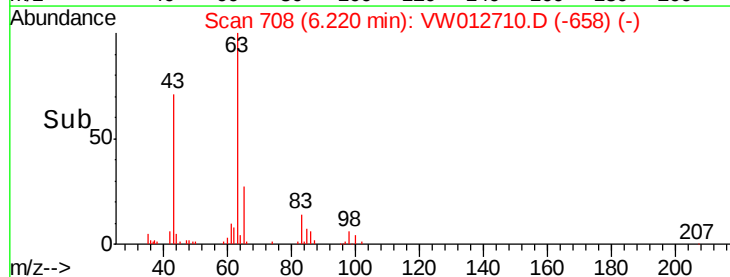
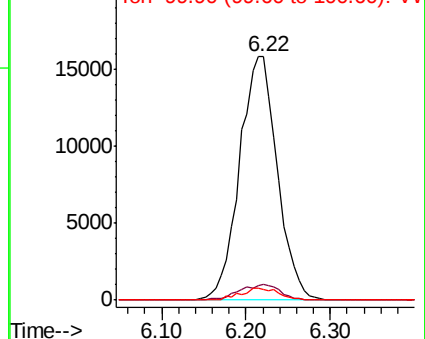
100 4.1 1.8 5.5

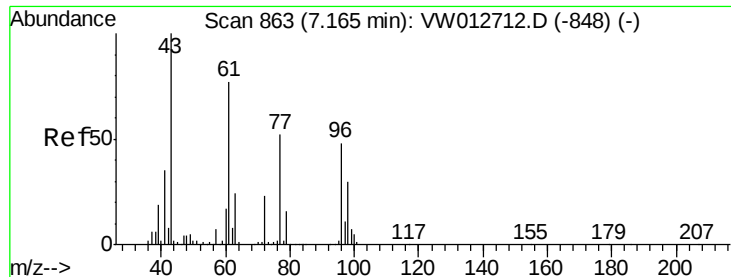


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 43.157 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

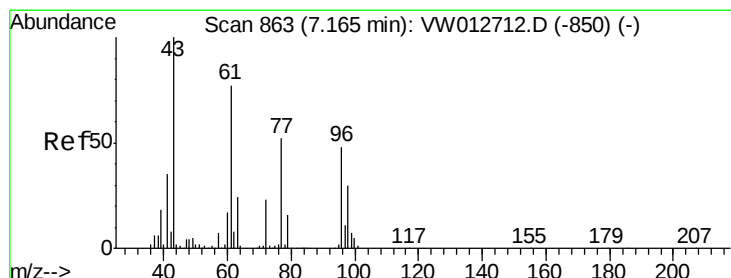
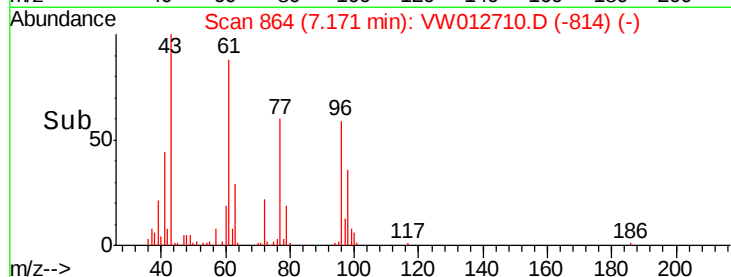
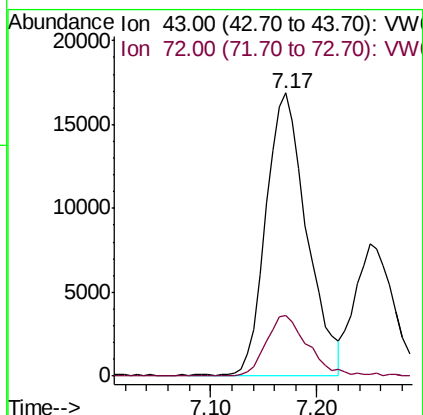
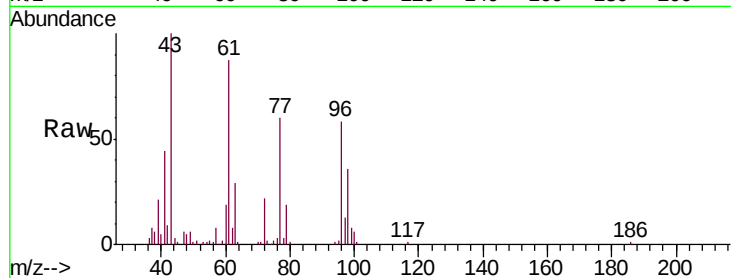
VSTDIC010

Tgt Ion: 43 Resp: 45258

Ion Ratio Lower Upper

43 100

72 21.6 18.0 27.0



#26

2,2-Dichloropropane

Concen: 10.006 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012710.D

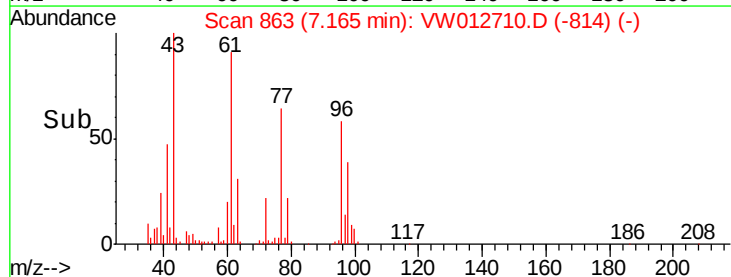
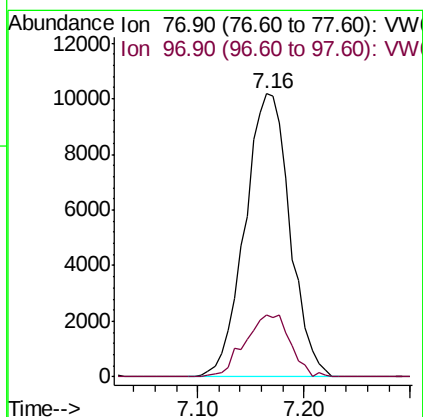
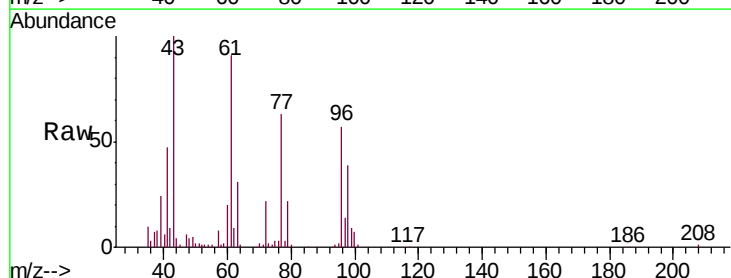
Acq: 07 Sep 2019 10:12

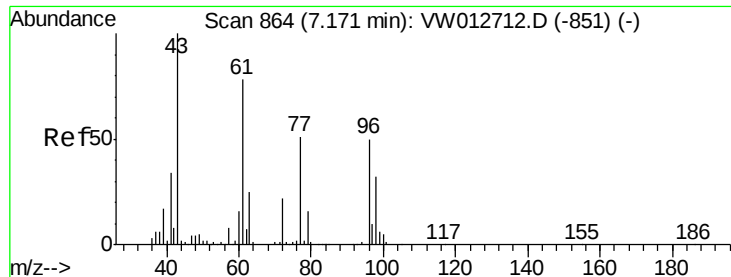
Tgt Ion: 77 Resp: 30071

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1



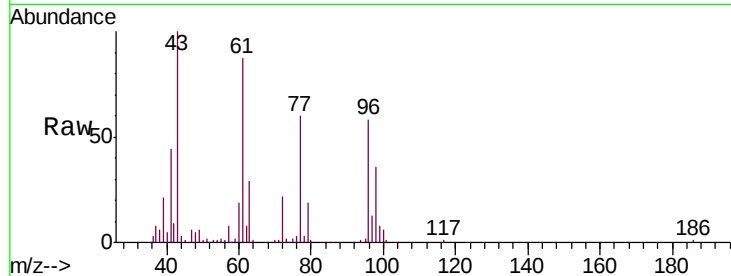


#27

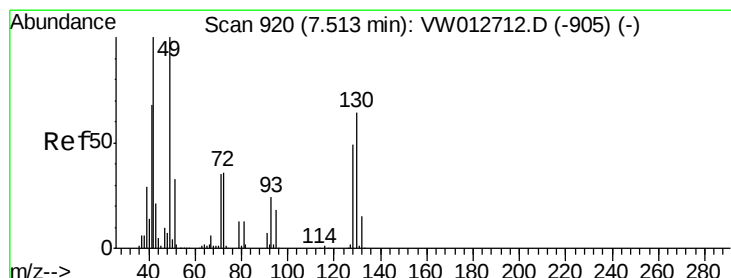
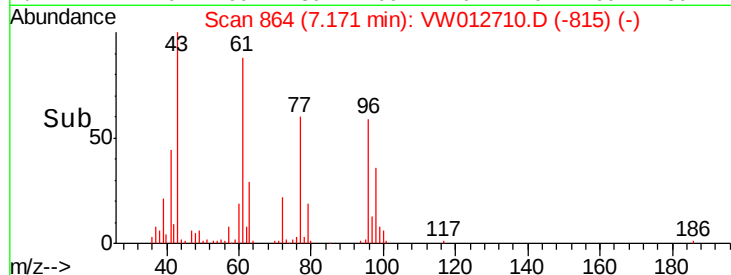
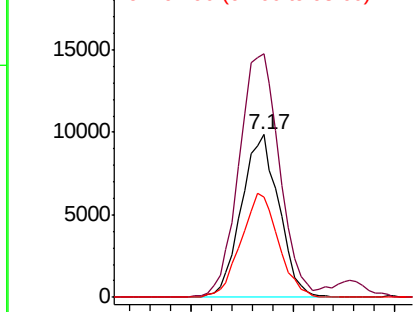
cis-1,2-Dichloroethene
Concen: 9.901 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 25230
Ion Ratio Lower Upper
96 100
61 161.3 0.0 325.8
98 63.8 0.0 127.0



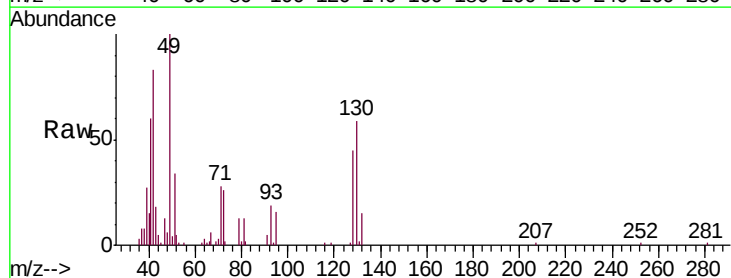
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



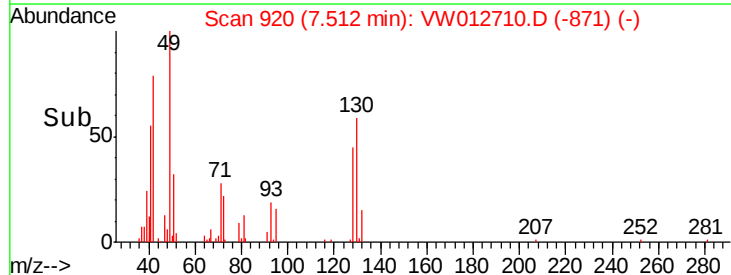
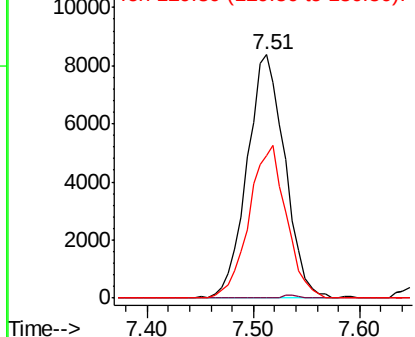
#28

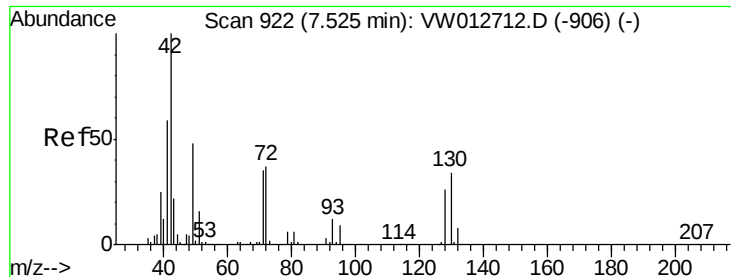
Bromochloromethane
Concen: 9.552 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 49 Resp: 20870
Ion Ratio Lower Upper
49 100
129 0.4 0.0 0.8
130 61.6 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

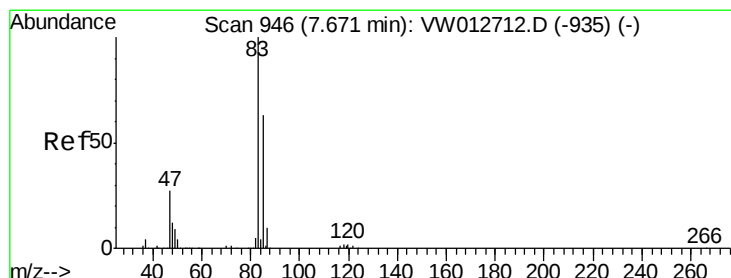
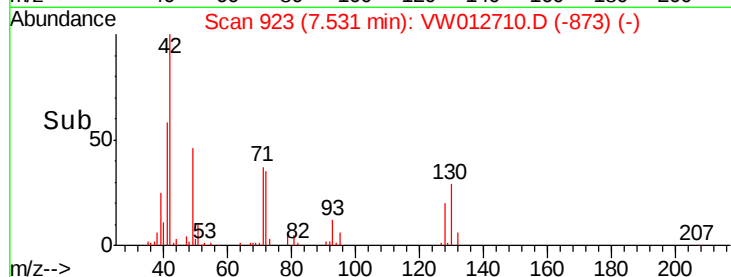
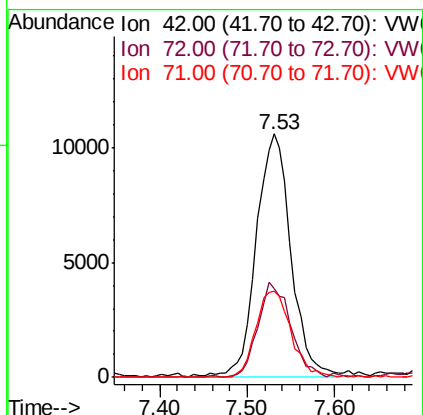
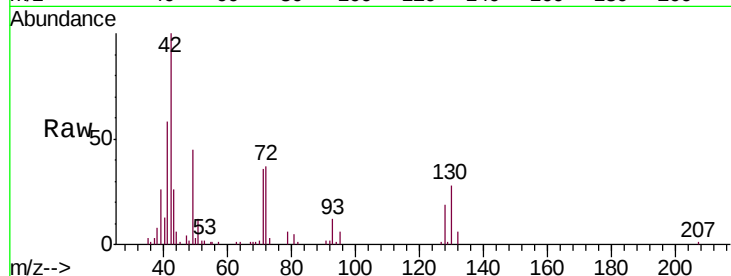




#29
Tetrahydrofuran
Concen: 45.825 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

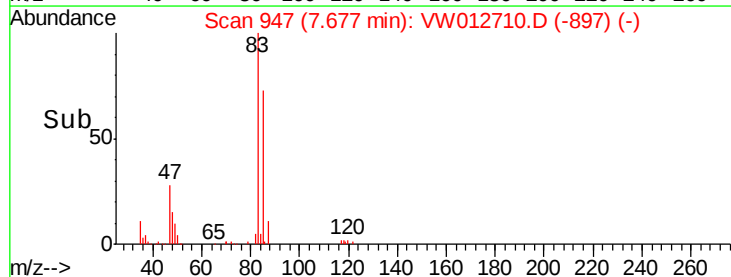
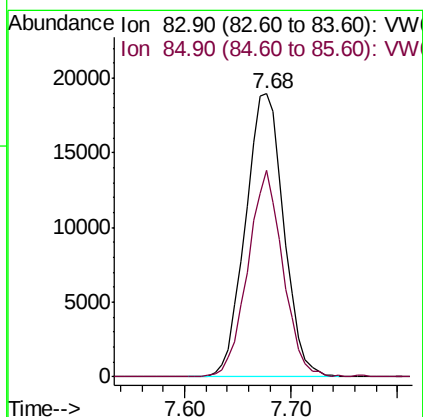
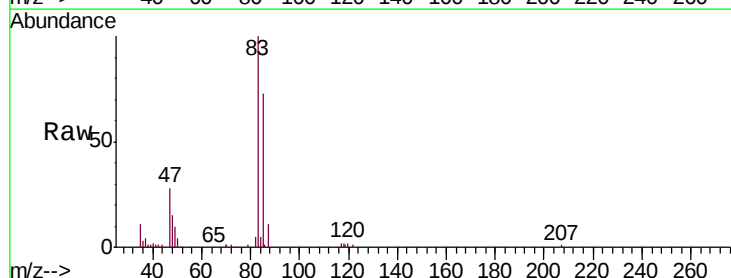
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

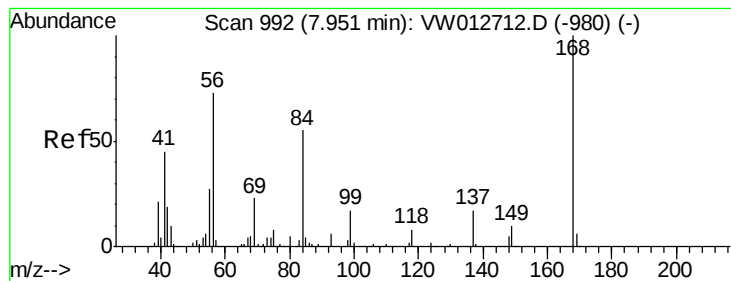
Tgt Ion: 42 Resp: 29400
Ion Ratio Lower Upper
42 100
72 36.7 28.4 42.6
71 35.8 27.1 40.7



#30
Chloroform
Concen: 10.160 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 83 Resp: 47913
Ion Ratio Lower Upper
83 100
85 72.9 50.6 76.0





#31

Cyclohexane

Concen: 10.990 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

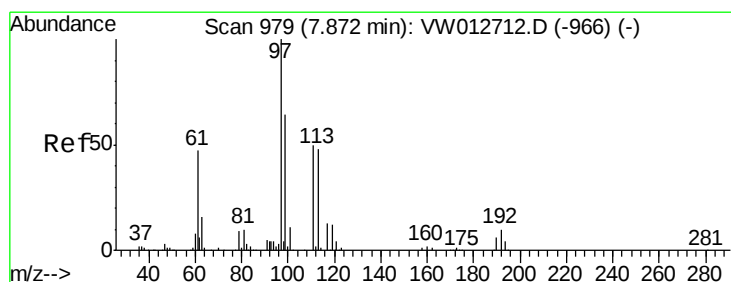
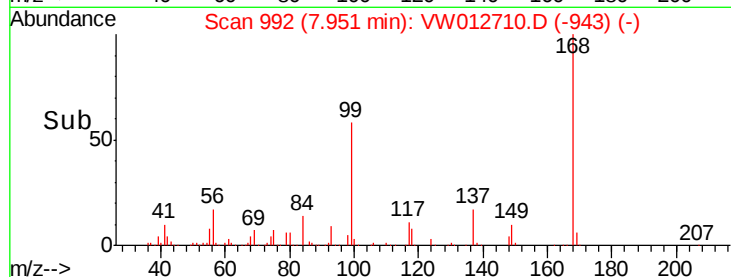
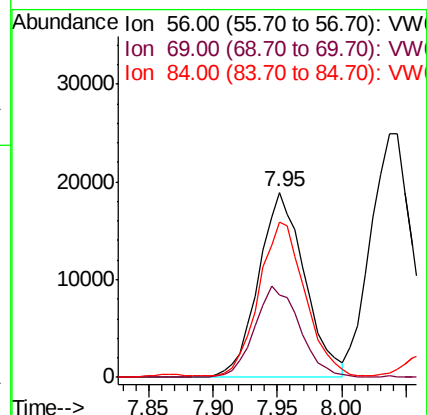
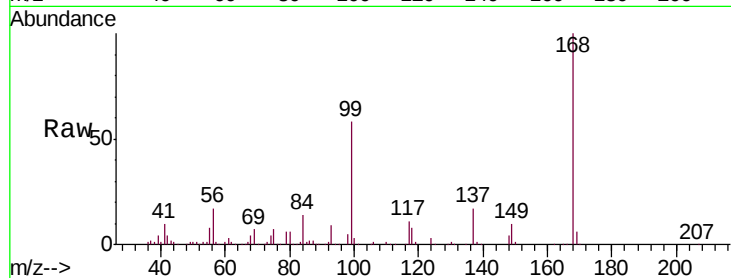
Tgt Ion: 56 Resp: 47080

Ion Ratio Lower Upper

56 100

69 44.3 25.7 38.5#

84 82.9 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 10.198 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

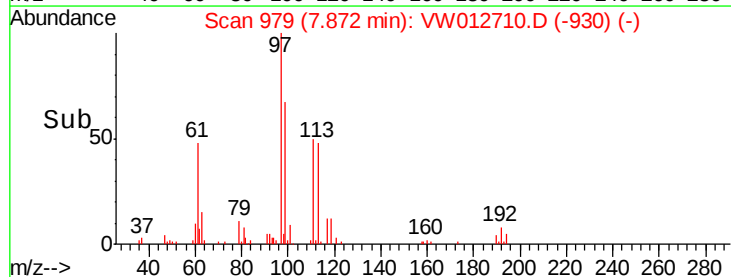
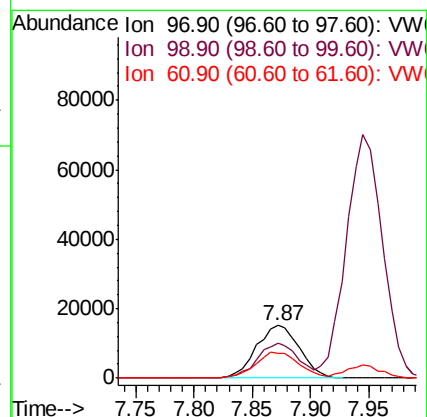
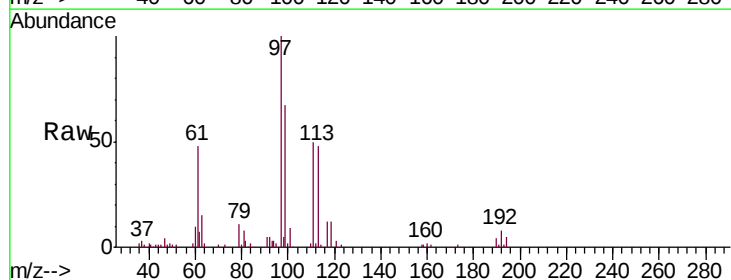
Tgt Ion: 97 Resp: 38982

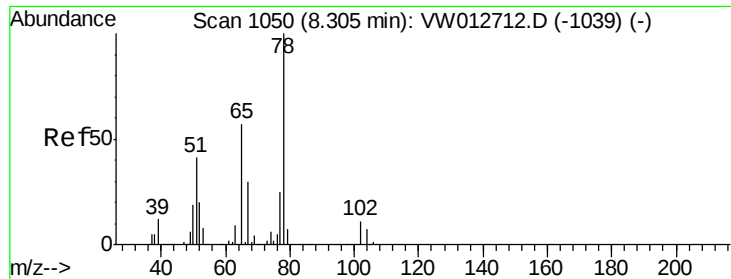
Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 49.7 37.9 56.9

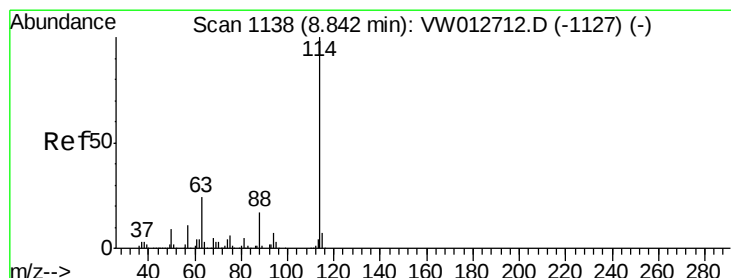
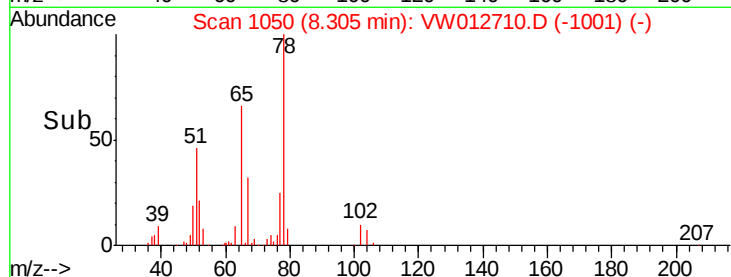
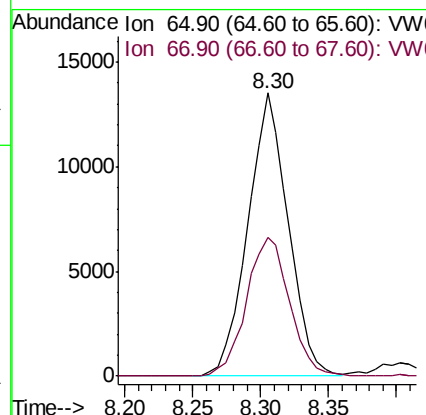
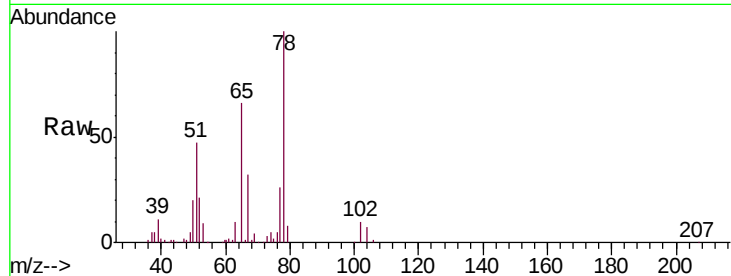




#33
 1,2-Dichloroethane-d4
 Concen: 9.613 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

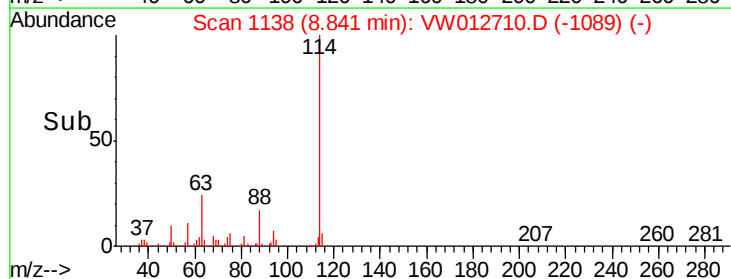
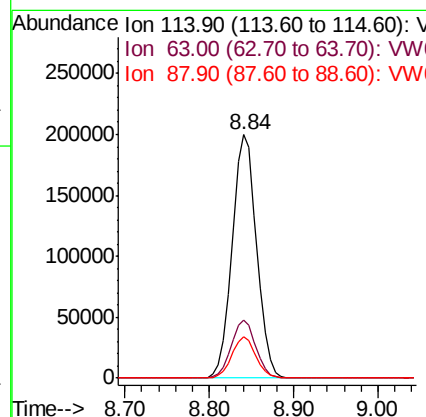
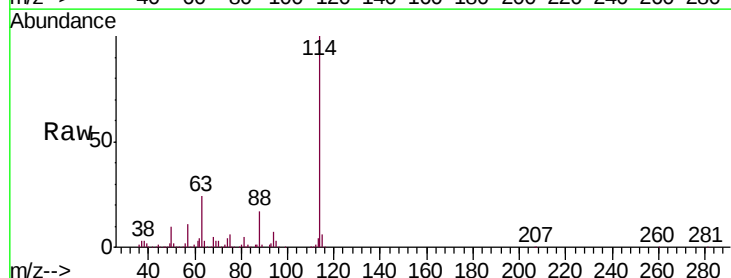
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 65 Resp: 28015
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 114 Resp: 393445
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 47.2
 88 17.2 0.0 34.0

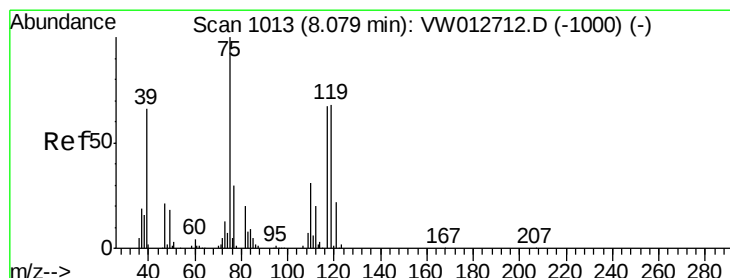
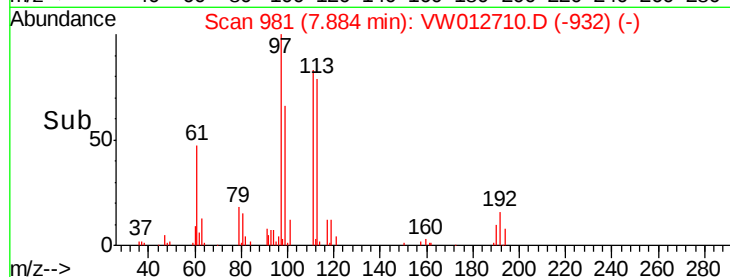
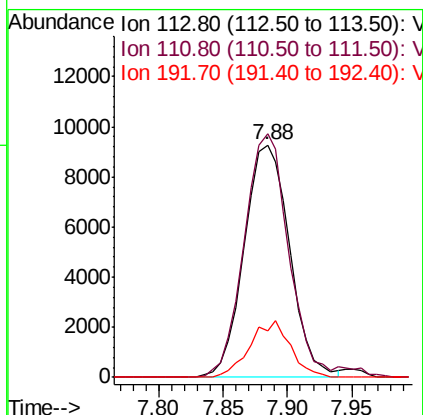
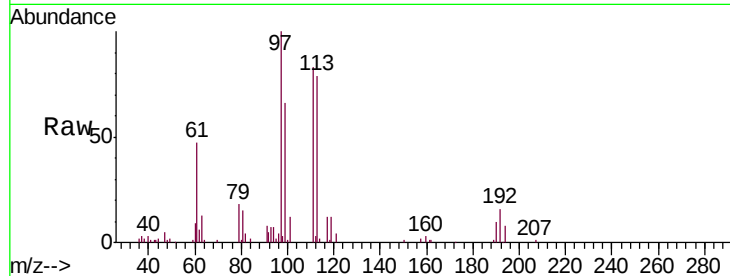




#35
 Dibromofluoromethane
 Concen: 9.698 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

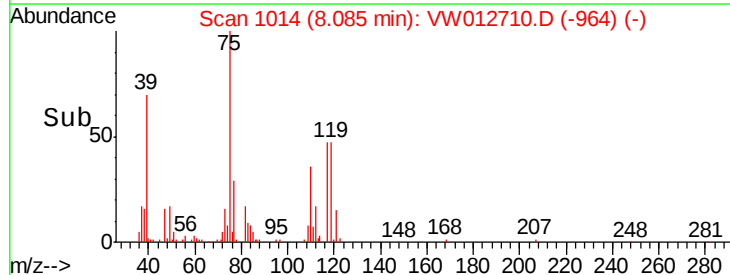
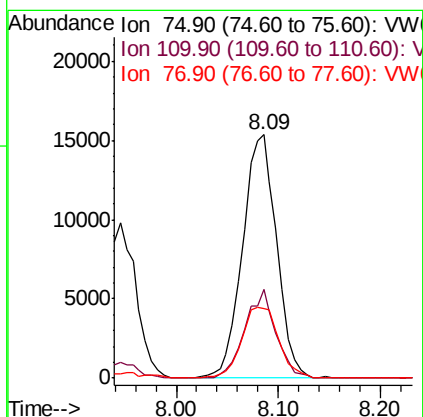
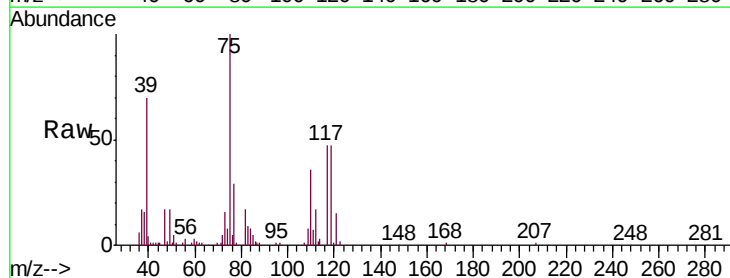
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

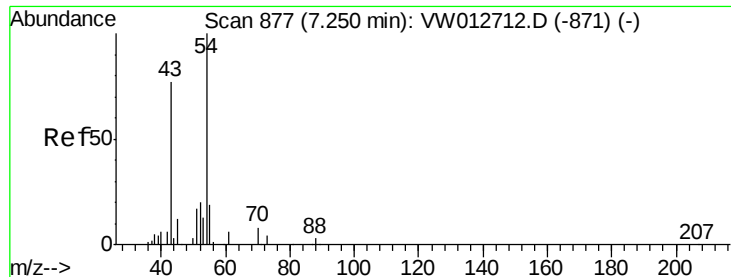
Tgt Ion: 113 Resp: 22684
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.2 120.4
 192 21.5 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 10.202 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 75 Resp: 35666
 Ion Ratio Lower Upper
 75 100
 110 33.1 15.9 47.7
 77 31.8 25.0 37.4

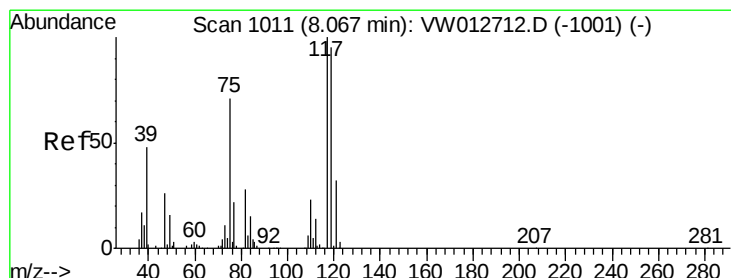
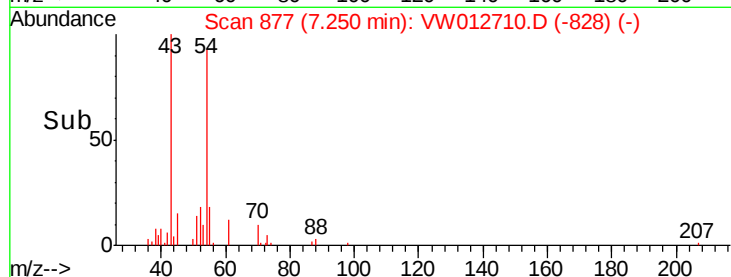
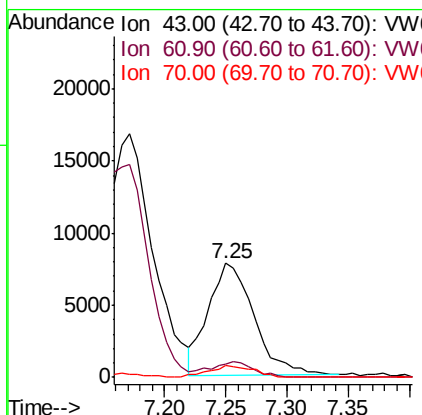
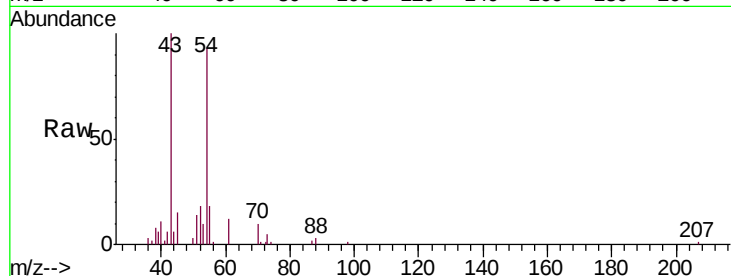




#37
Ethyl Acetate
Concen: 9.184 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

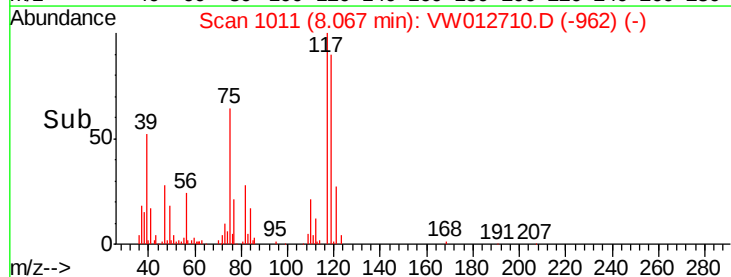
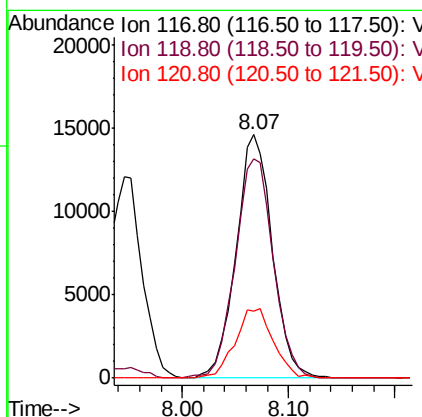
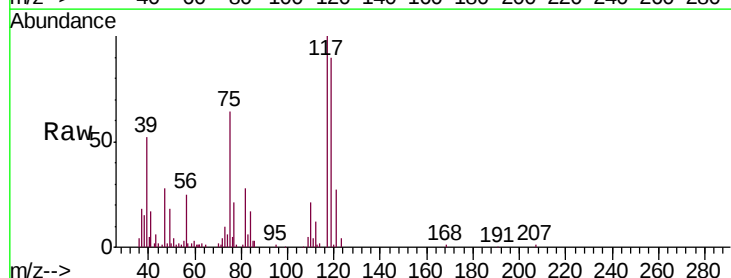
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

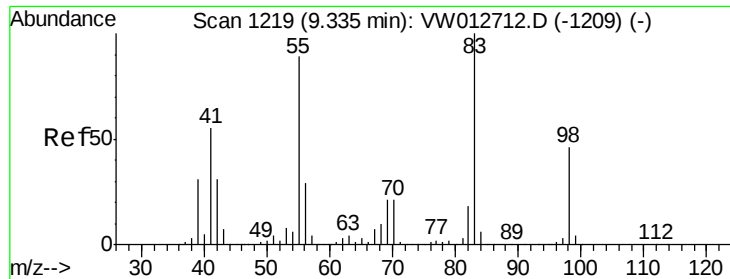
Tgt Ion: 43 Resp: 20467
Ion Ratio Lower Upper
43 100
61 12.2 9.5 14.3
70 10.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 10.105 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 117 Resp: 34821
Ion Ratio Lower Upper
117 100
119 90.1 76.2 114.2
121 27.3 25.4 38.2

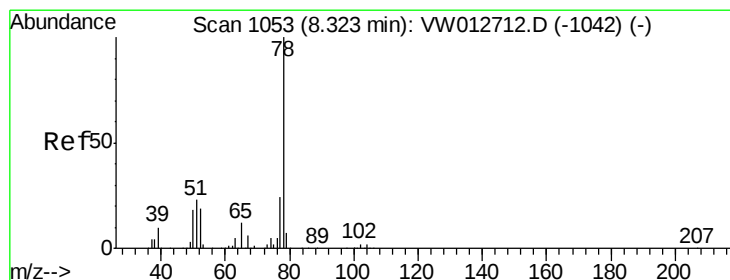
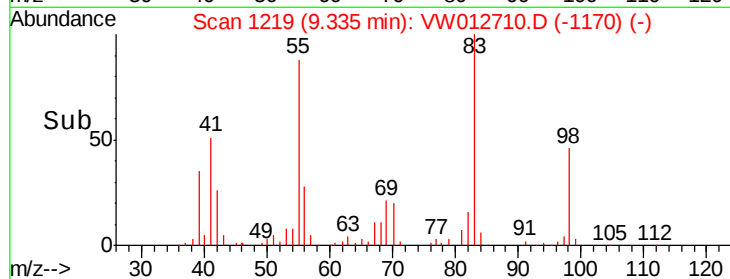
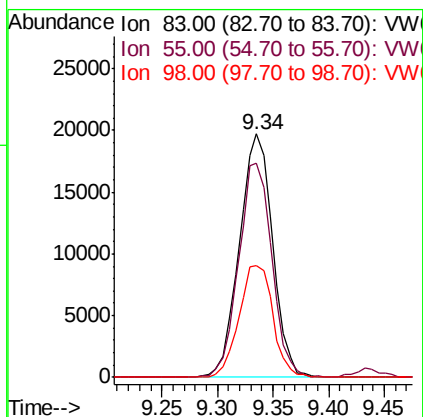
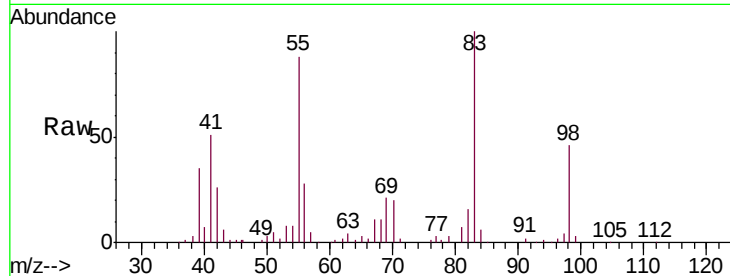




#39
Methylcyclohexane
Concen: 10.389 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

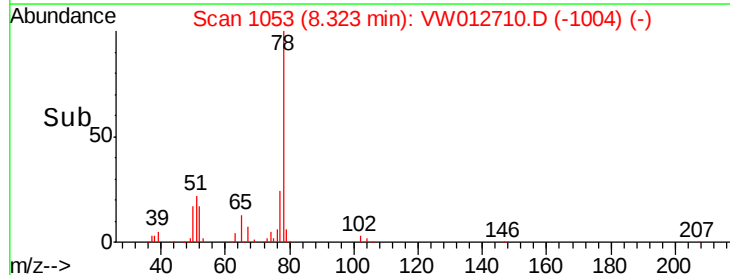
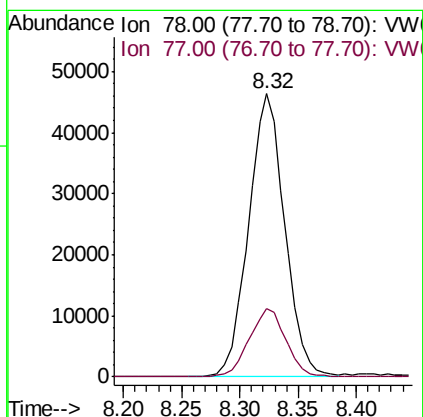
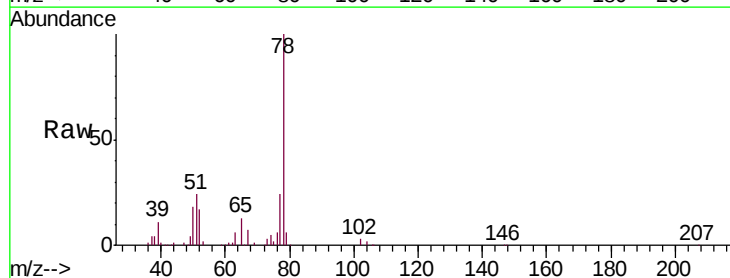
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

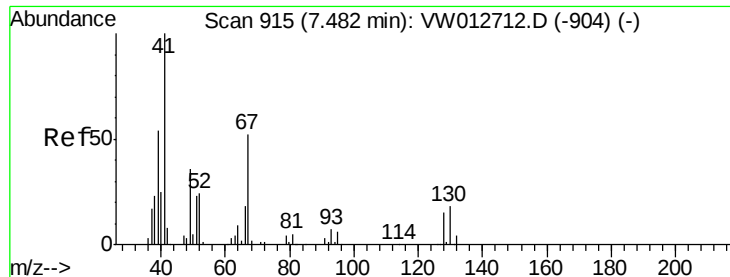
Tgt Ion: 83 Resp: 40791
Ion Ratio Lower Upper
83 100
55 87.8 71.0 106.4
98 46.2 36.9 55.3



#40
Benzene
Concen: 10.343 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 78 Resp: 100319
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

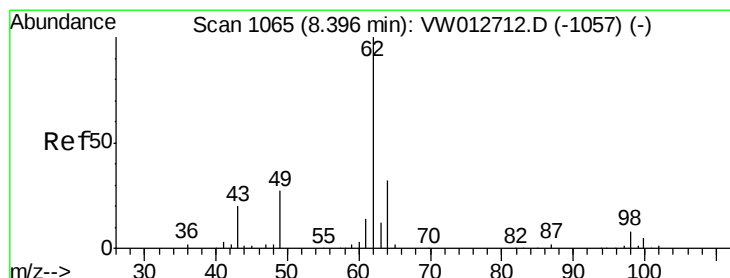
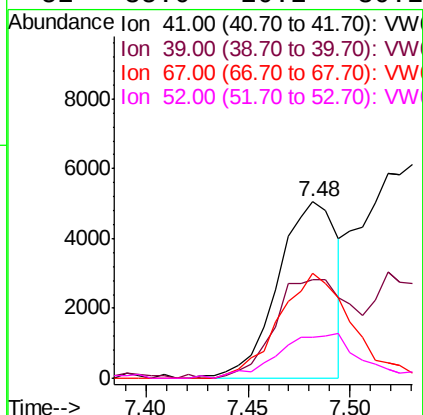
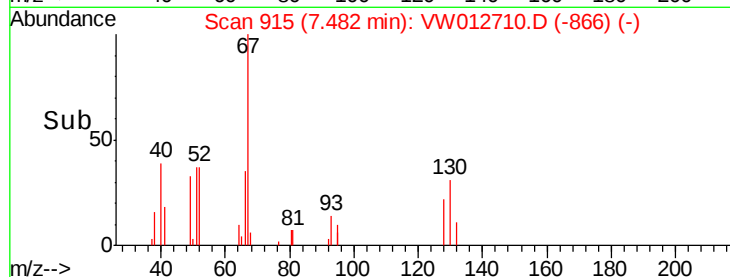
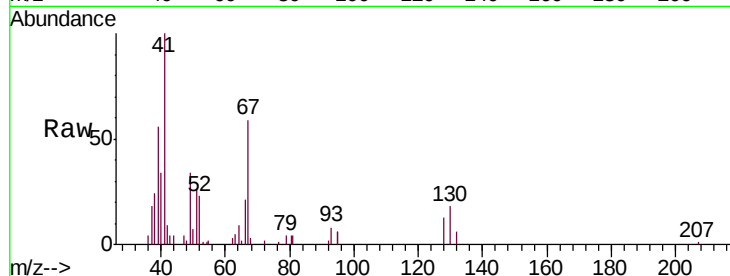




#41
Methacrylonitrile
Concen: 7.594 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

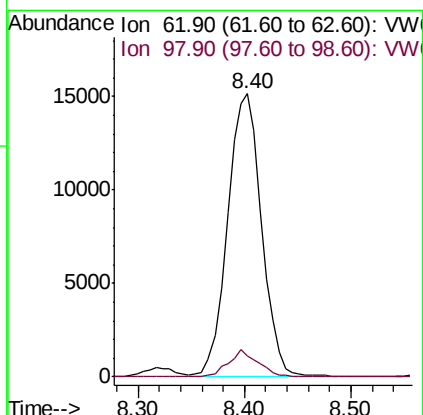
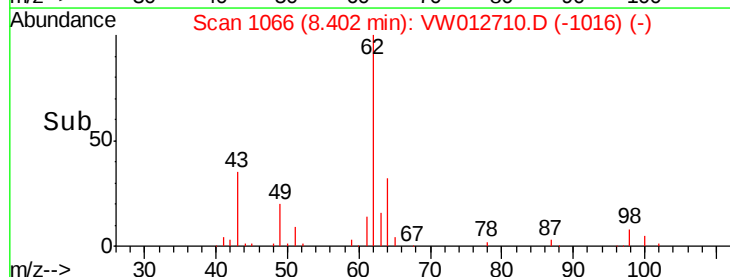
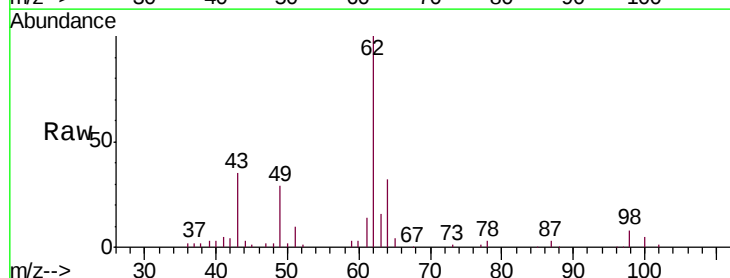
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

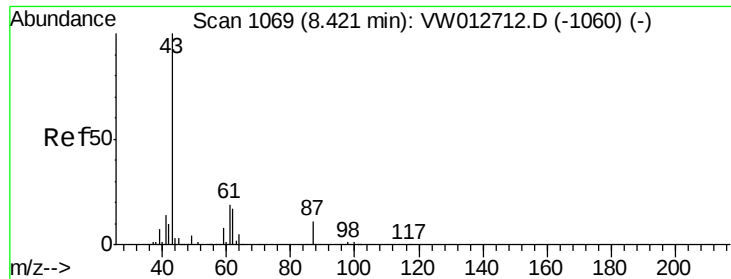
Tgt Ion: 41 Resp: 10204
Ion Ratio Lower Upper
41 100
39 73.2 47.5 71.3#
67 75.5 45.1 67.7#
52 35.0 20.2 30.2#



#42
1,2-Dichloroethane
Concen: 9.902 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 62 Resp: 33800
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 8.630 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

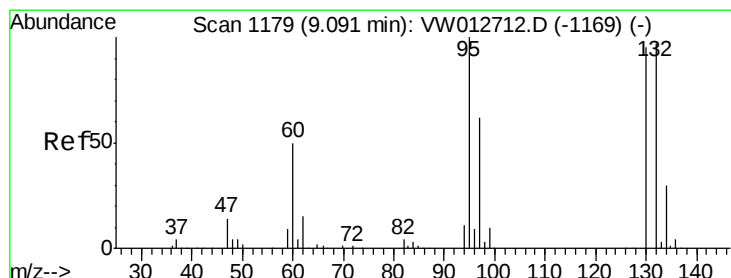
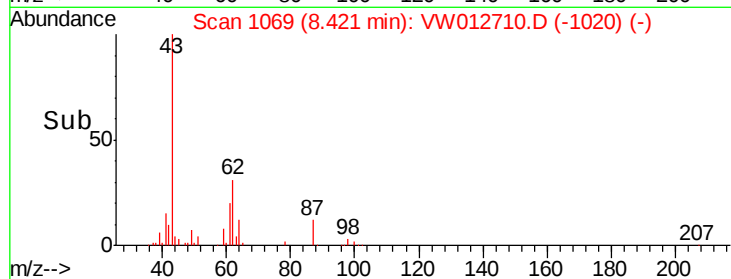
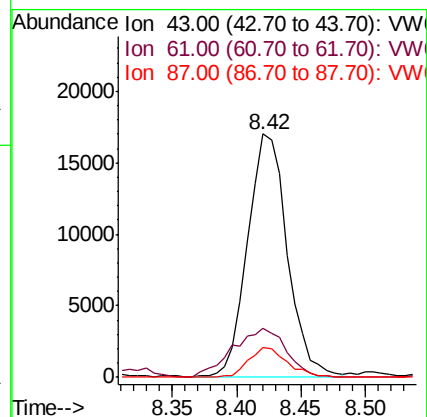
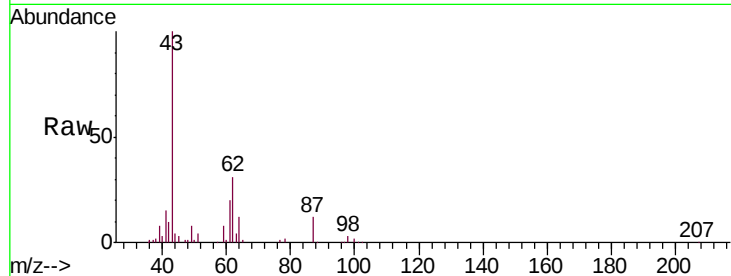
Tgt Ion: 43 Resp: 36436

Ion Ratio Lower Upper

43 100

61 27.6 20.6 30.8

87 11.9 8.6 13.0



#44

Trichloroethene

Concen: 10.119 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012710.D

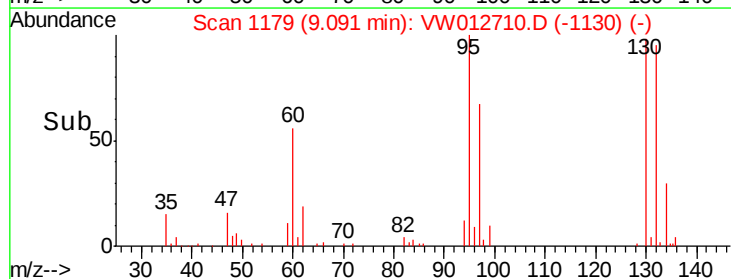
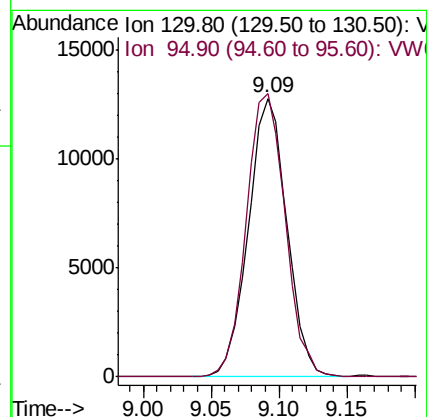
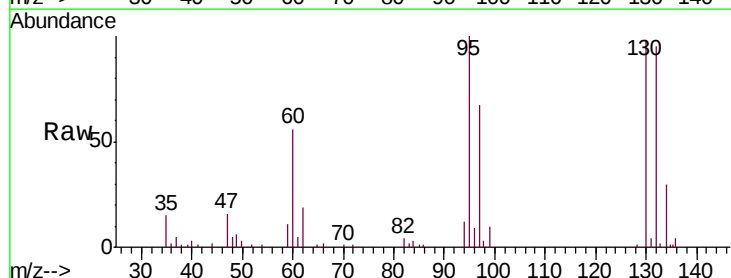
Acq: 07 Sep 2019 10:12

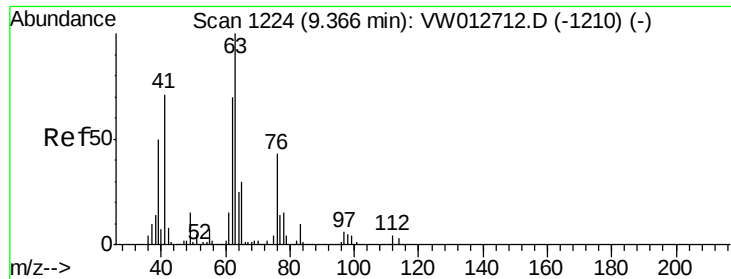
Tgt Ion: 130 Resp: 25300

Ion Ratio Lower Upper

130 100

95 101.6 0.0 210.6

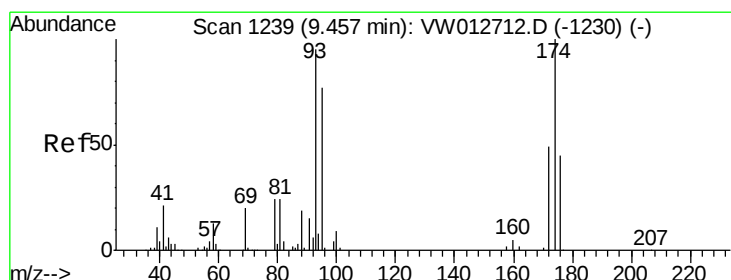
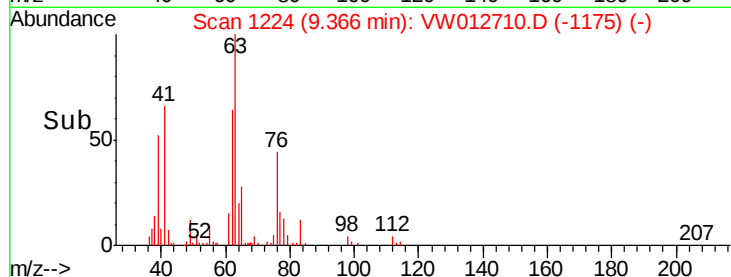
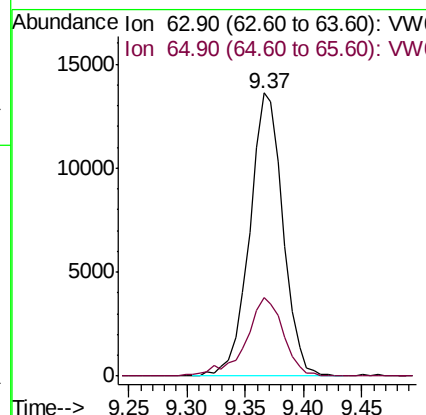
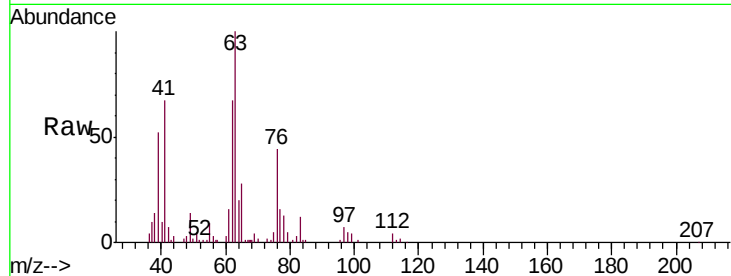




#45
 1,2-Dichloropropane
 Concen: 10.056 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

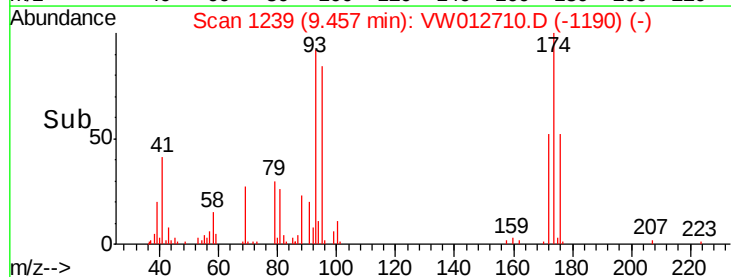
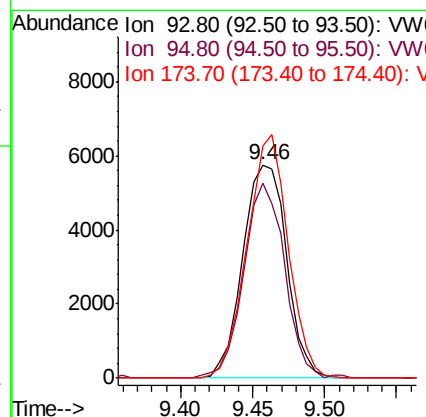
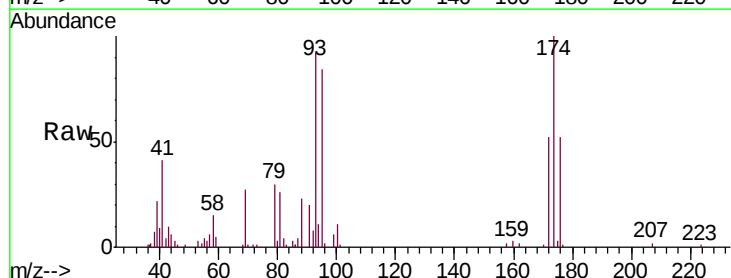
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

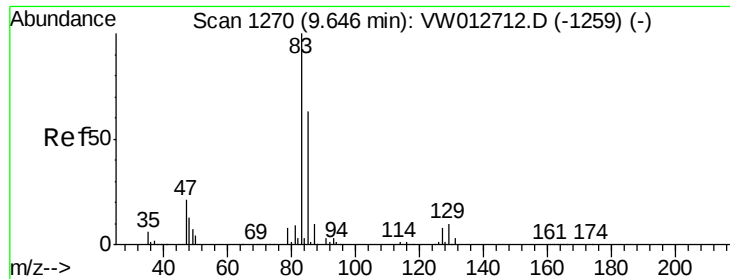
Tgt Ion: 63 Resp: 27051
 Ion Ratio Lower Upper
 63 100
 65 27.6 23.8 35.8



#46
 Dibromomethane
 Concen: 9.528 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 93 Resp: 12137
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.2 97.8
 174 107.1 84.2 126.4

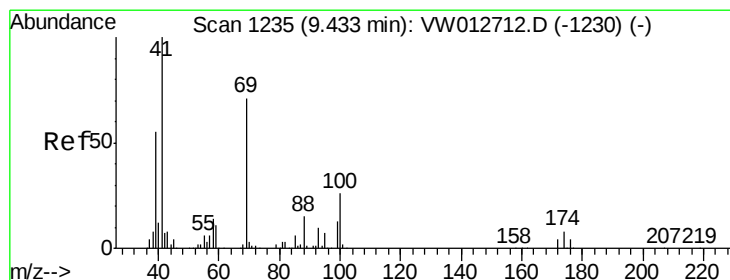
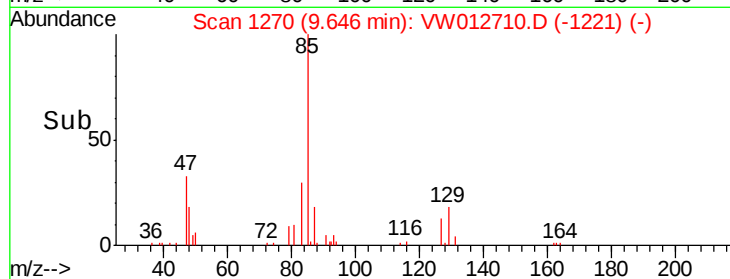
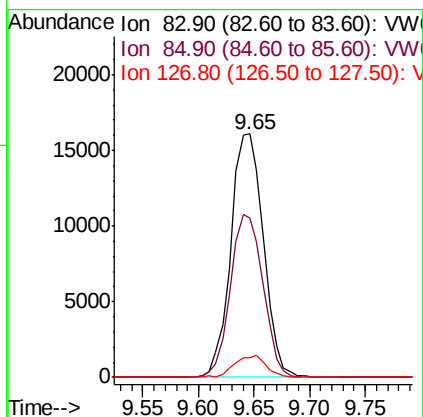
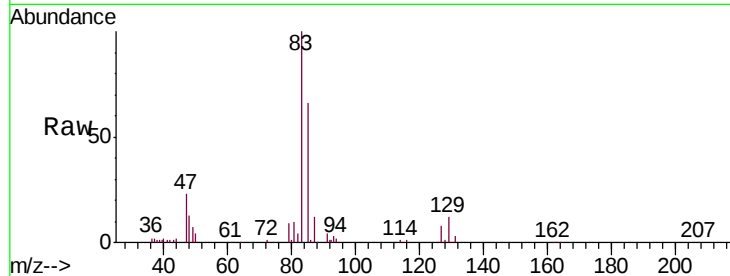




#47
 Bromodichloromethane
 Concen: 9.303 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

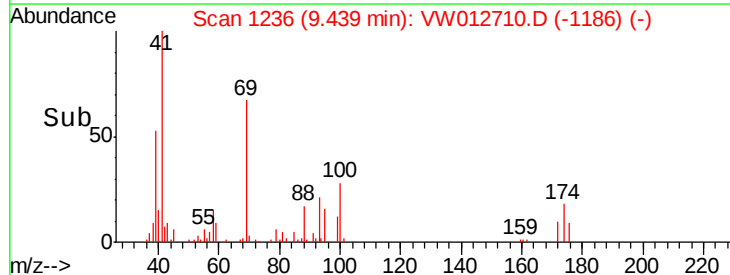
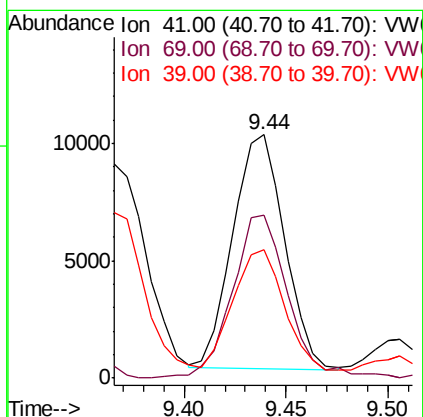
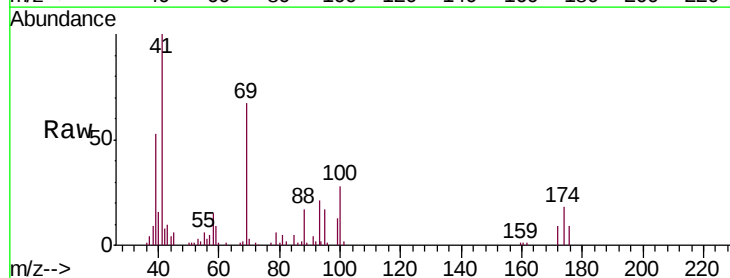
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

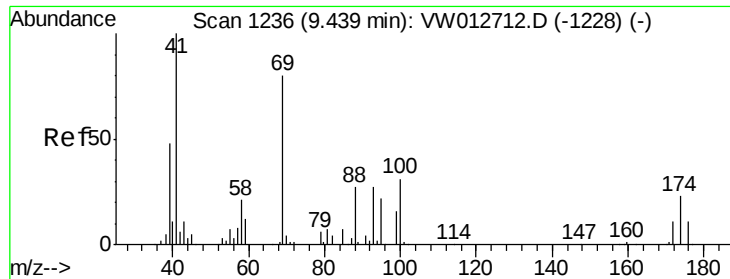
Tgt Ion: 83 Resp: 32605
 Ion Ratio Lower Upper
 83 100
 85 65.6 50.2 75.2
 127 8.3 6.6 9.8



#48
 Methyl methacrylate
 Concen: 8.731 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 41 Resp: 17616
 Ion Ratio Lower Upper
 41 100
 69 74.8 59.8 89.8
 39 50.9 47.0 70.6

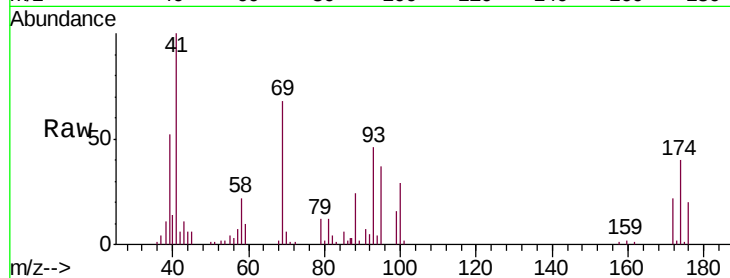




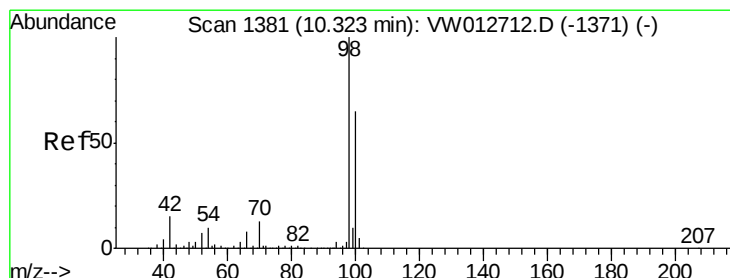
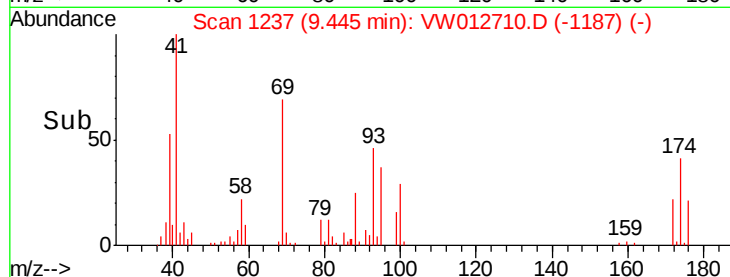
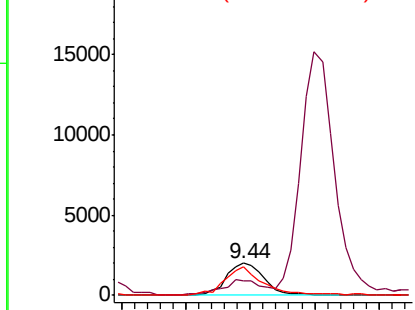
#49
 1,4-Dioxane
 Concen: 164.290 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 4134
 Ion Ratio Lower Upper
 88 100
 43 52.8 34.8 52.2#
 58 91.2 64.1 96.1

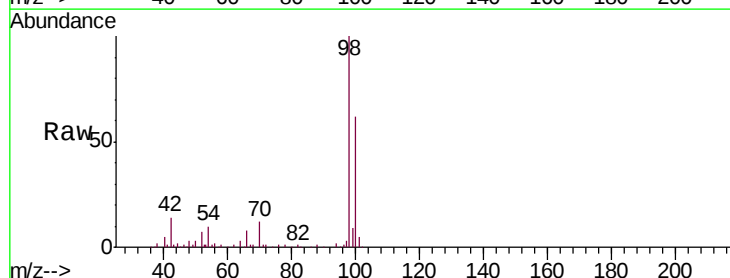


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

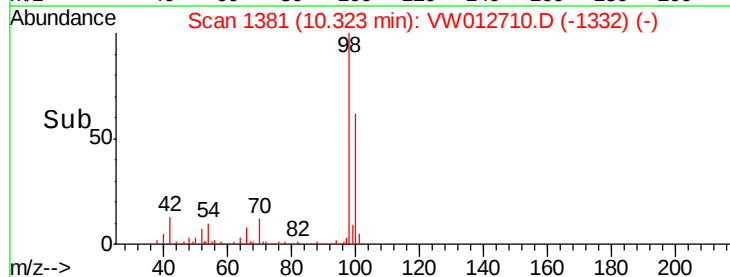
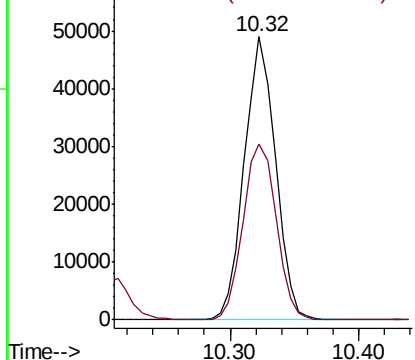


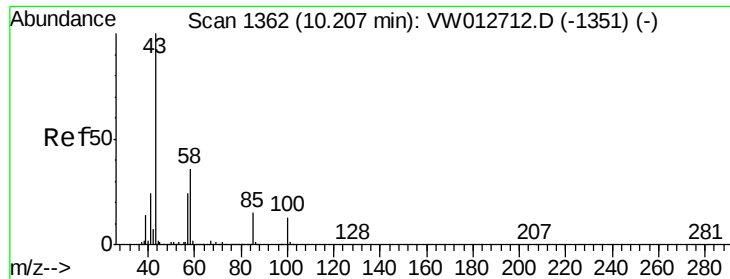
#50
 Toluene-d8
 Concen: 8.966 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 98 Resp: 82164
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

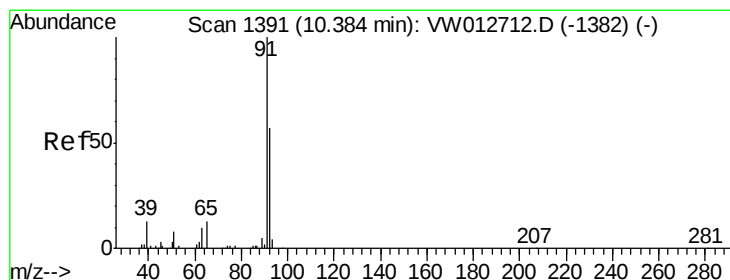
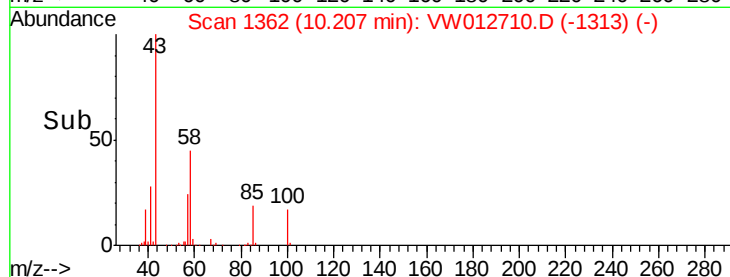
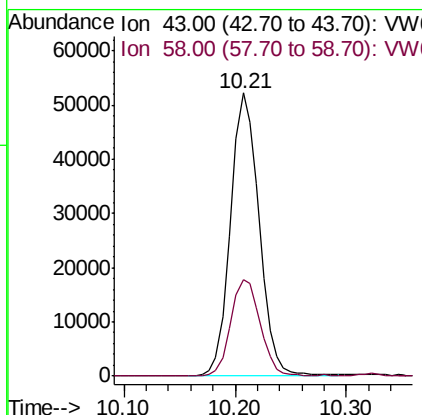
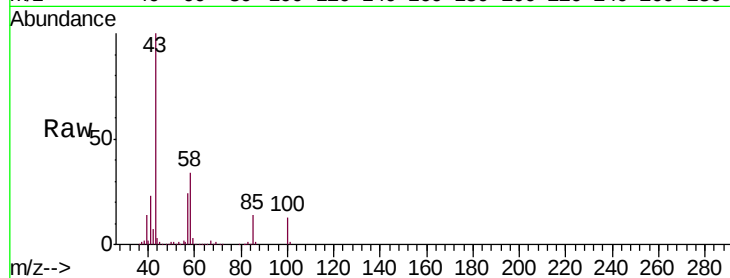




#51
 4-Methyl-2-Pentanone
 Concen: 42.090 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

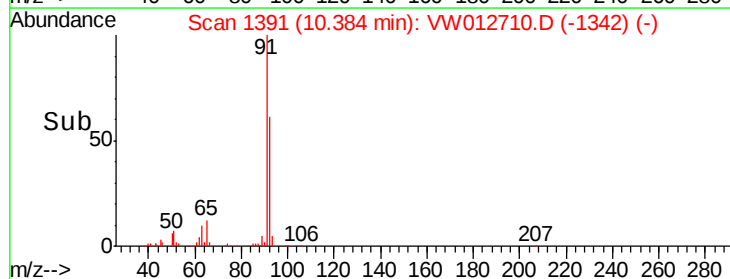
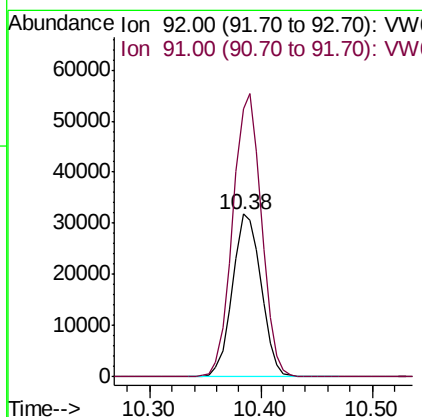
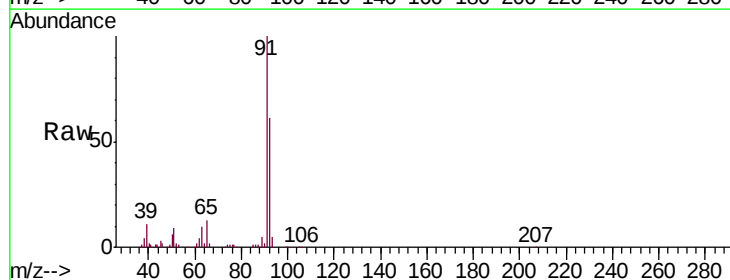
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

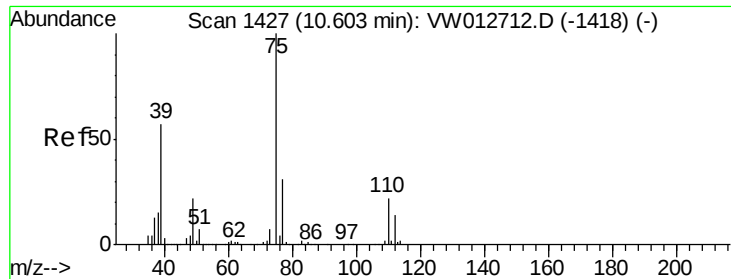
Tgt Ion: 43 Resp: 93247
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.4 42.6



#52
 Toluene
 Concen: 9.401 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 92 Resp: 56914
 Ion Ratio Lower Upper
 92 100
 91 173.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 9.069 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

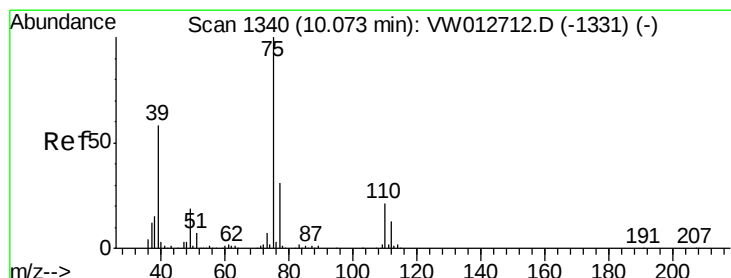
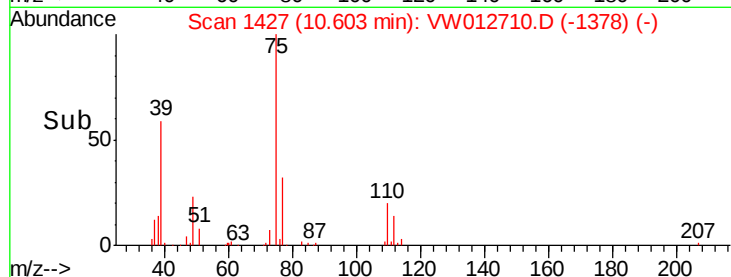
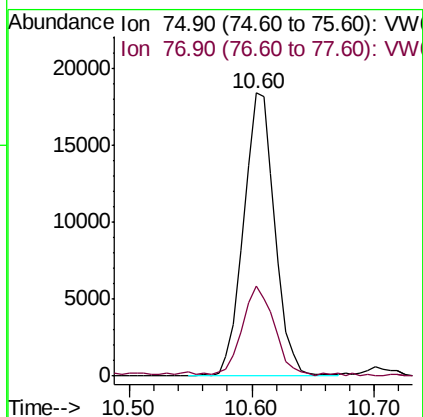
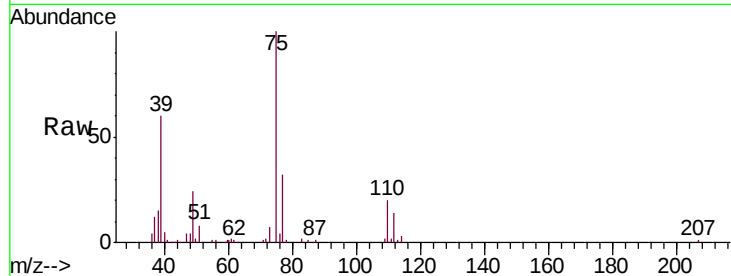
VSTDIC010

Tgt Ion: 75 Resp: 32683

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 9.538 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

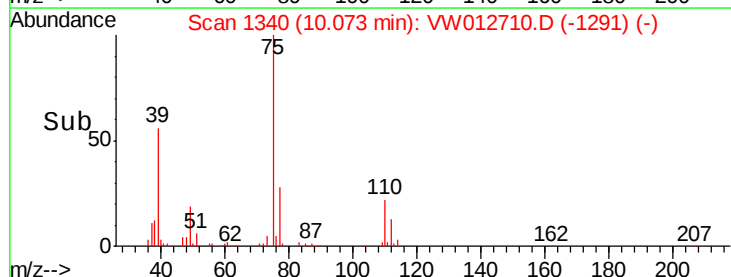
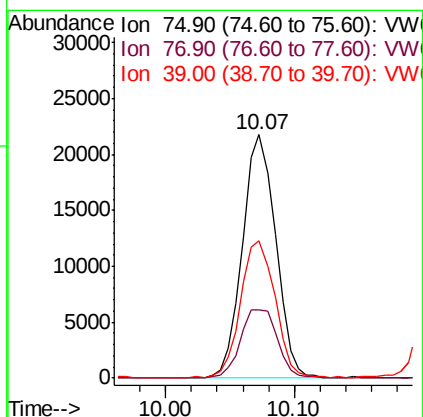
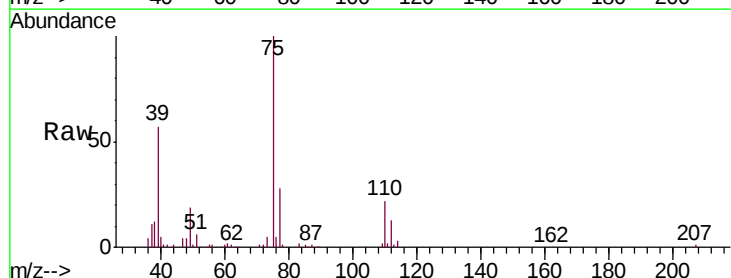
Tgt Ion: 75 Resp: 38993

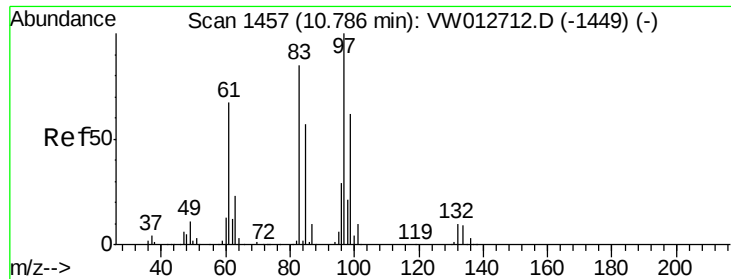
Ion Ratio Lower Upper

75 100

77 28.3 24.6 36.8

39 56.2 46.3 69.5

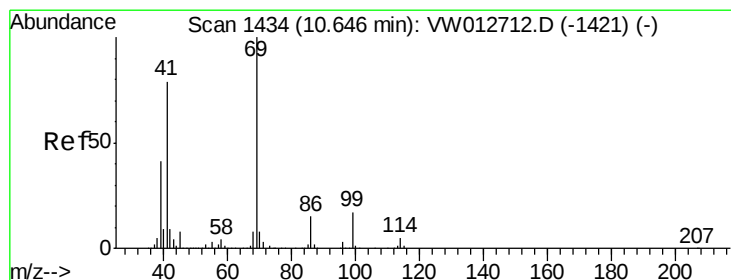
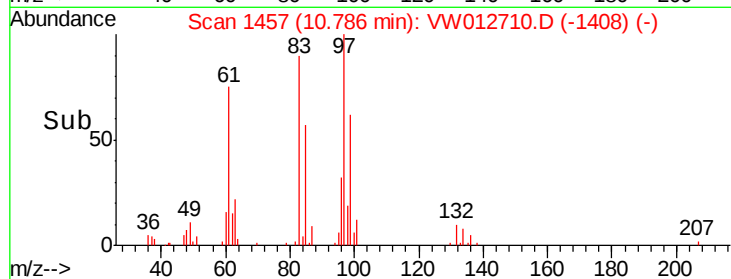
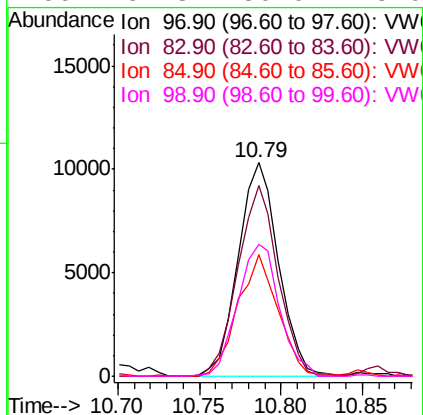
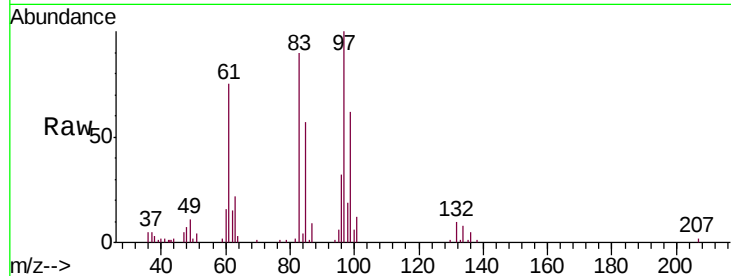




#55
 1,1,2-Trichloroethane
 Concen: 9.341 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

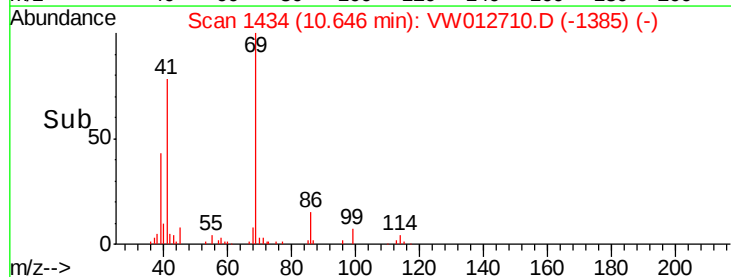
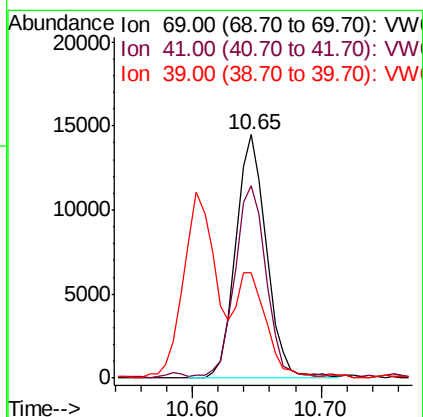
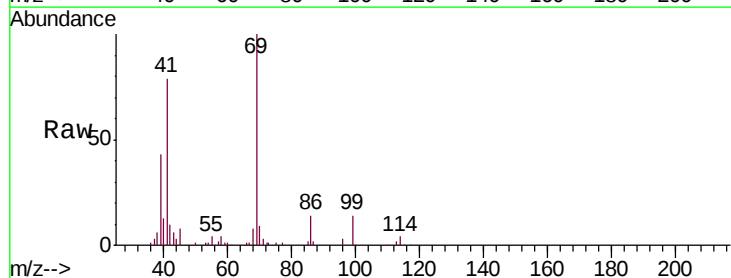
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

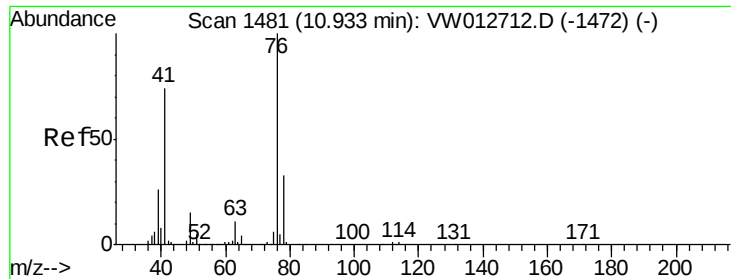
Tgt Ion:	97	Resp:	17815
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.1	102.1
85	56.9	45.3	67.9
99	61.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 8.577 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion:	69	Resp:	23945
Ion	Ratio	Lower	Upper
69	100		
41	78.6	64.4	96.6
39	41.8	31.1	46.7

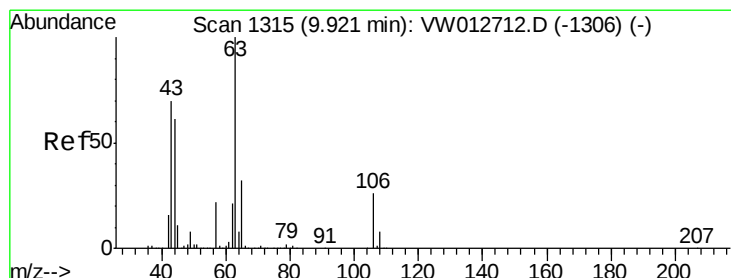
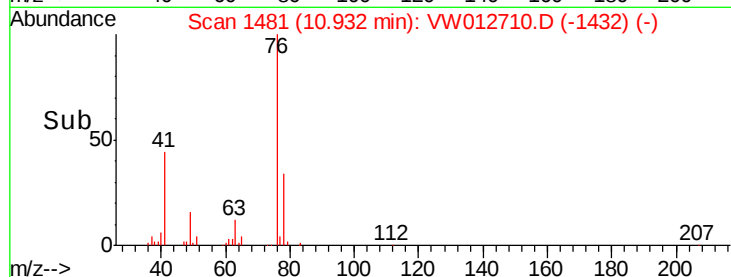
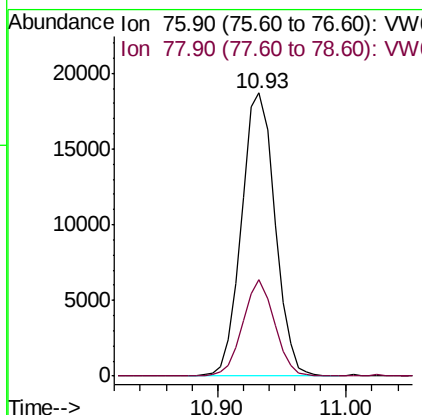
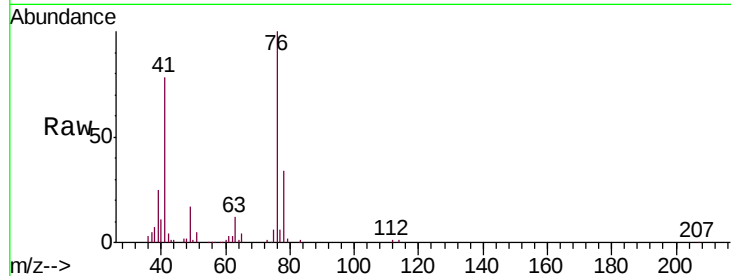




#57
 1,3-Dichloropropane
 Concen: 9.527 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

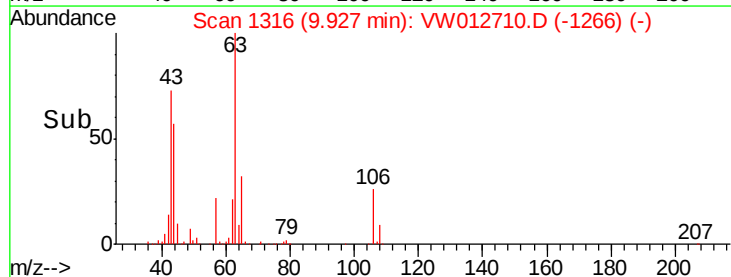
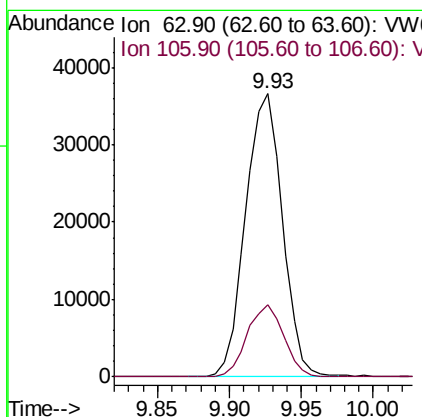
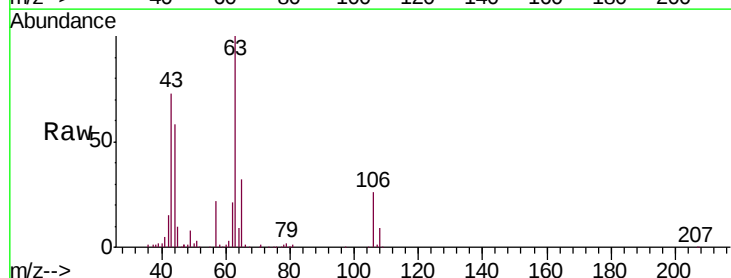
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

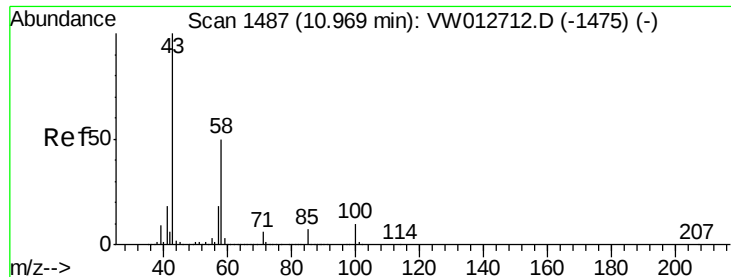
Tgt Ion: 76 Resp: 33613
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 43.680 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 63 Resp: 64736
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.5 30.7

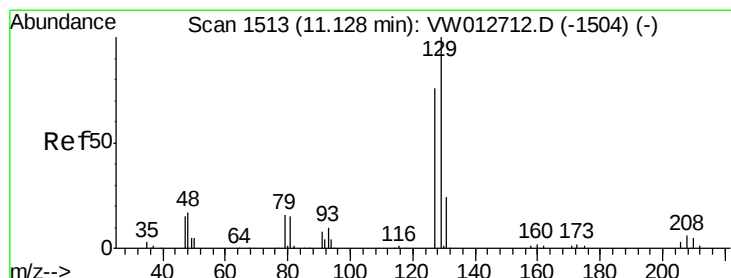
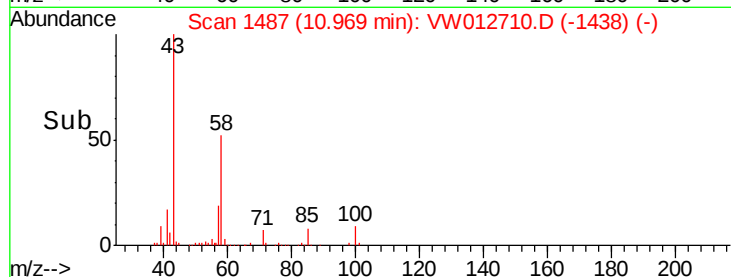
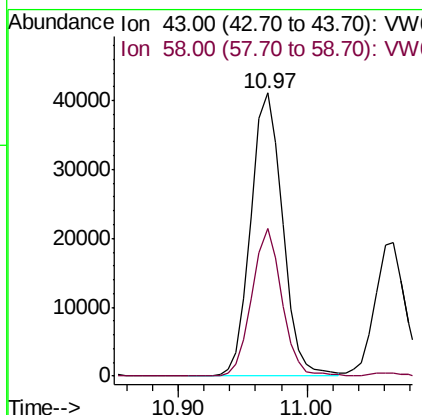
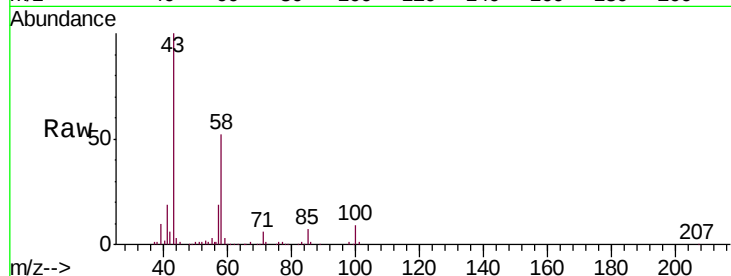




#59
2-Hexanone
Concen: 43.350 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

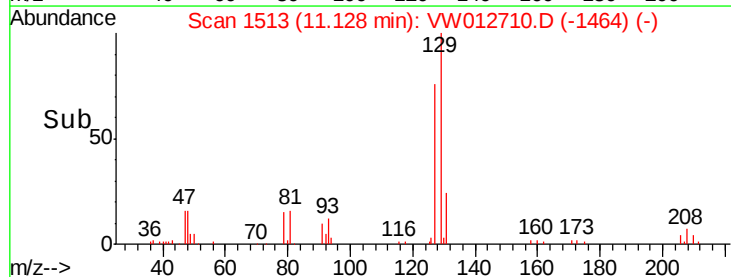
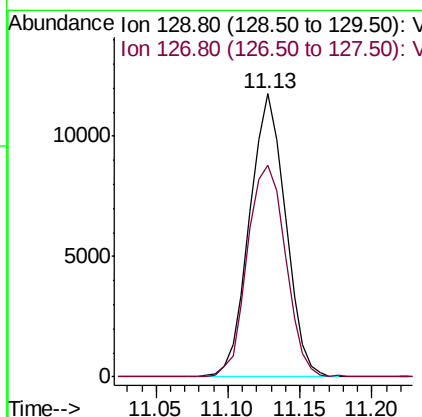
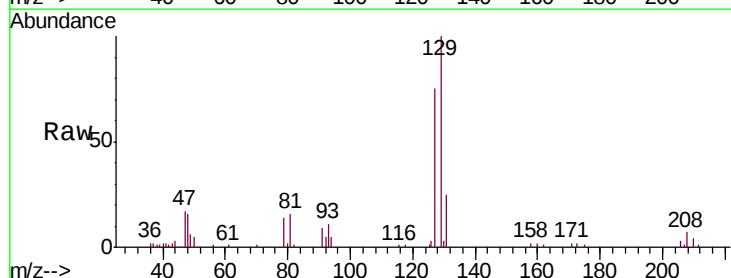
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

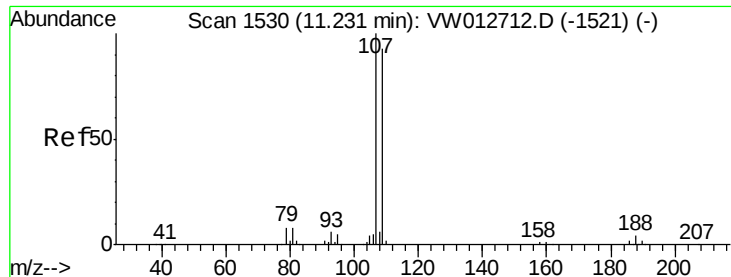
Tgt Ion: 43 Resp: 70165
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 9.071 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 129 Resp: 20345
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 9.655 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

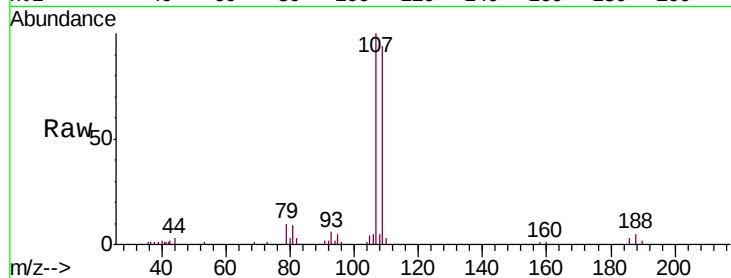
VSTDIC010

Tgt Ion: 107 Resp: 16882

Ion Ratio Lower Upper

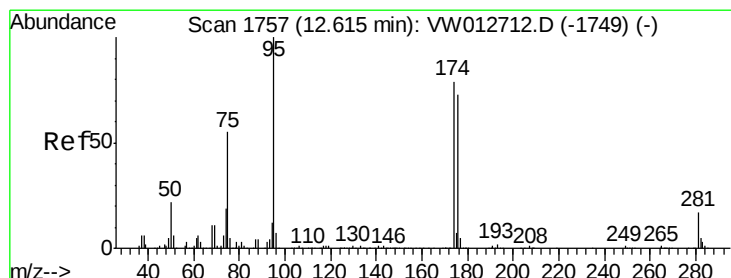
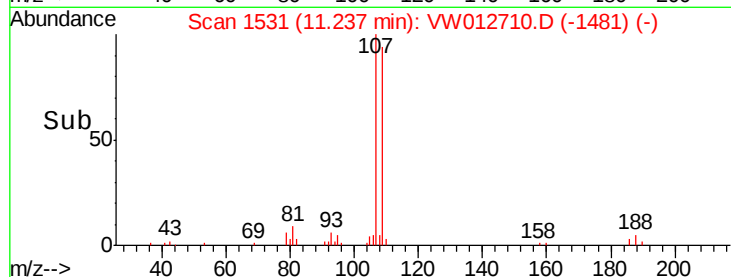
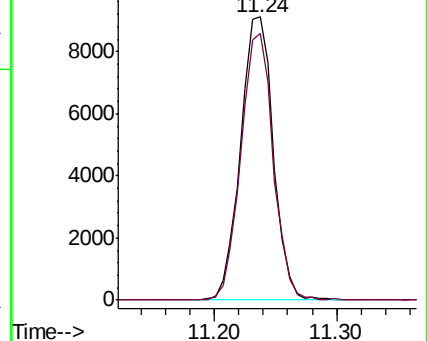
107 100

109 92.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.742 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

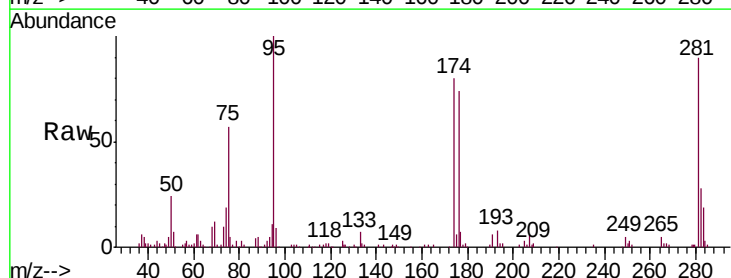
Tgt Ion: 95 Resp: 32412

Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.0

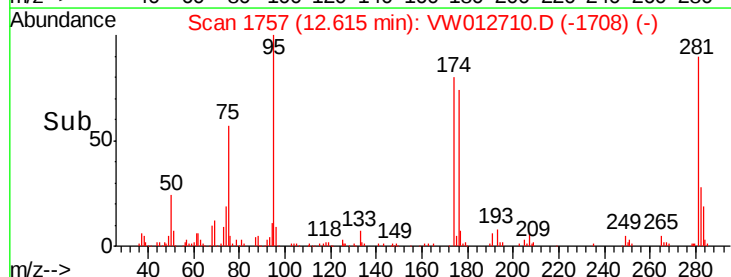
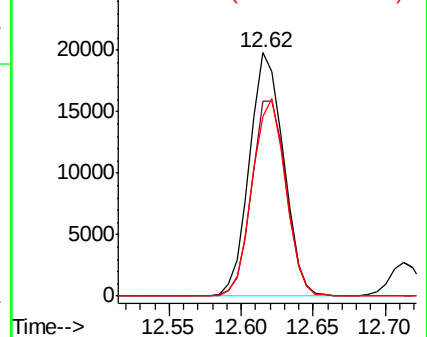
176 79.1 0.0 156.4

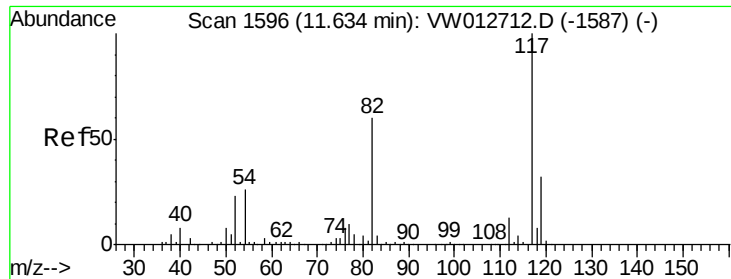


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

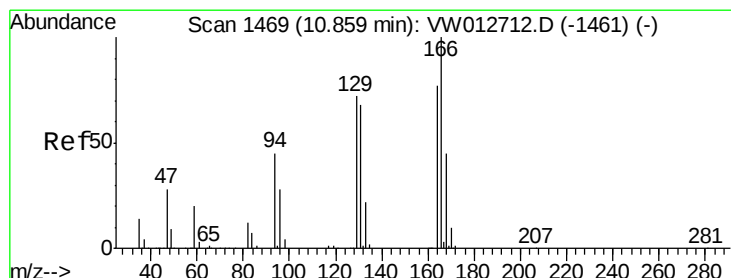
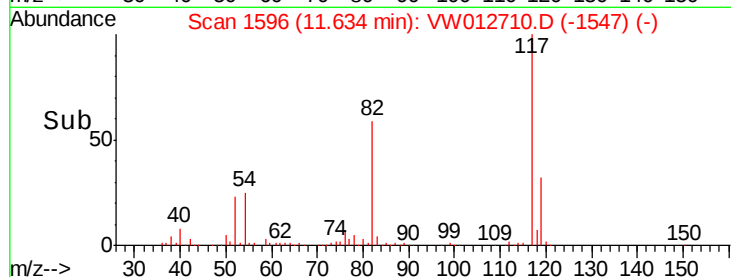
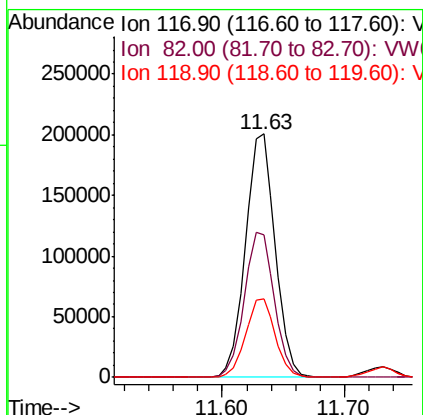
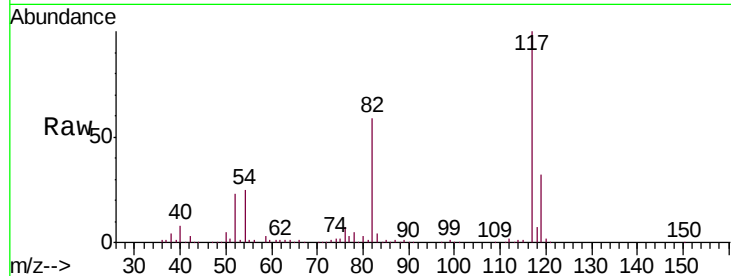




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

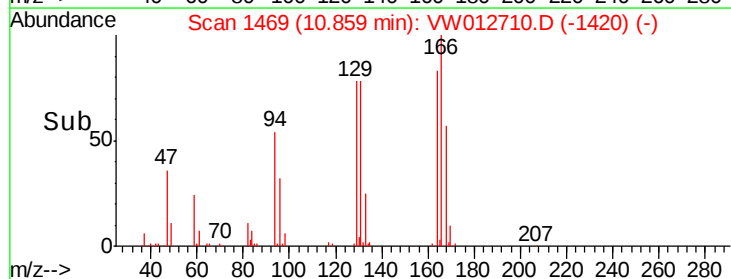
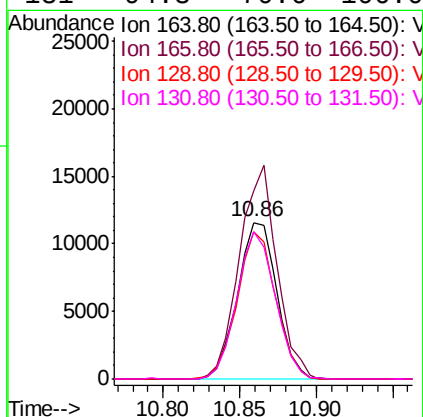
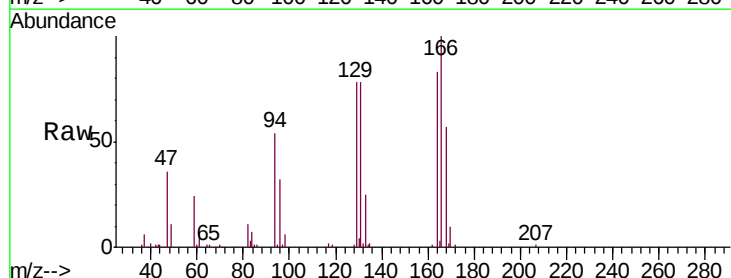
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

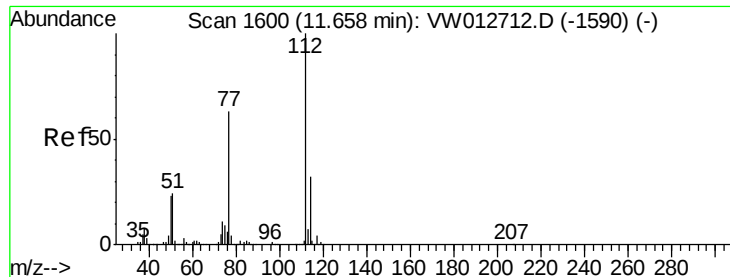
Tgt Ion:117 Resp: 338459
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 10.057 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion:164 Resp: 20655
Ion Ratio Lower Upper
164 100
166 120.7 103.6 155.4
129 94.2 74.6 112.0
131 94.3 70.6 106.0

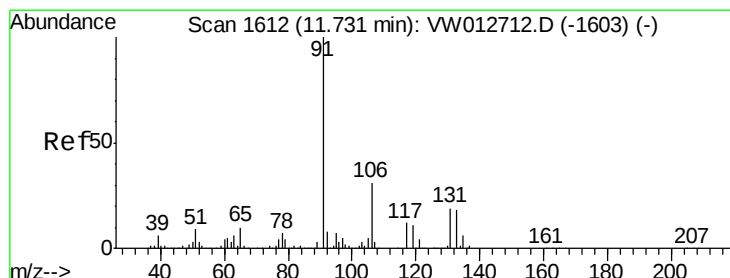
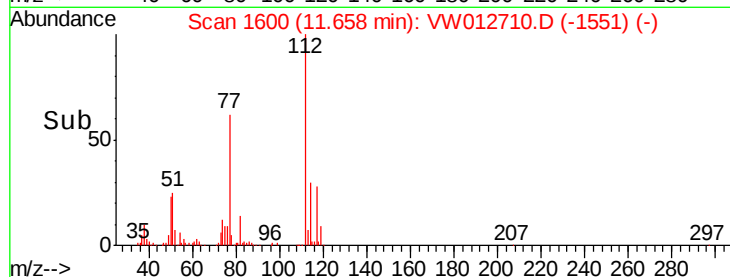
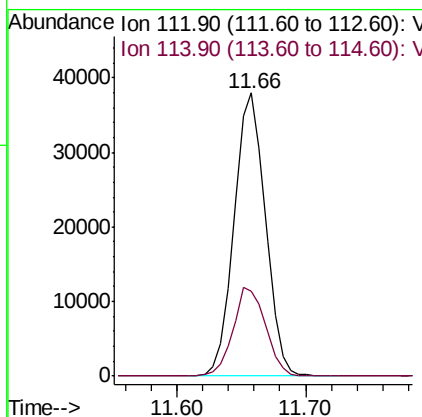
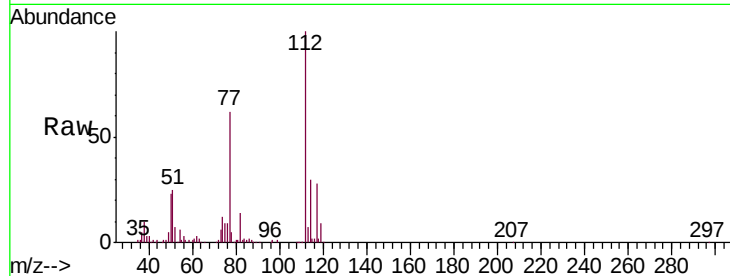




#65
Chlorobenzene
Concen: 9.997 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

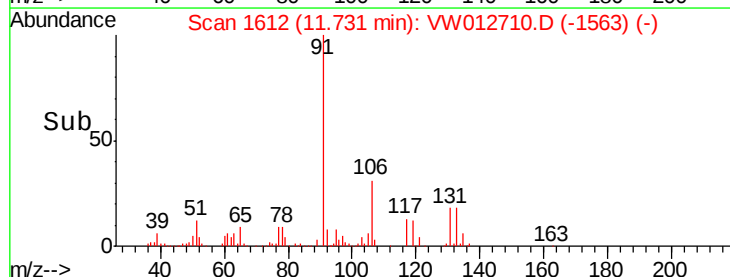
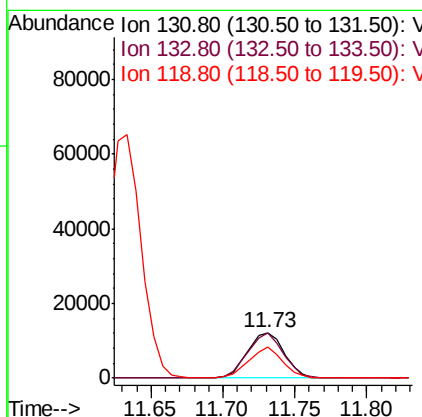
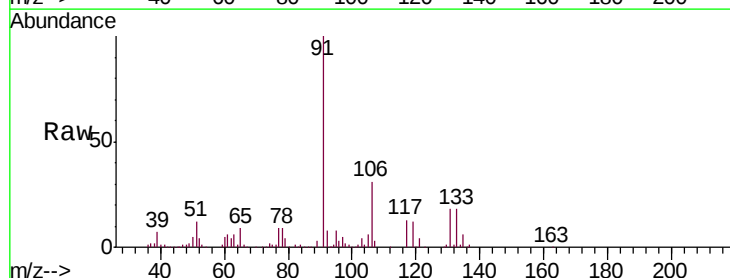
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

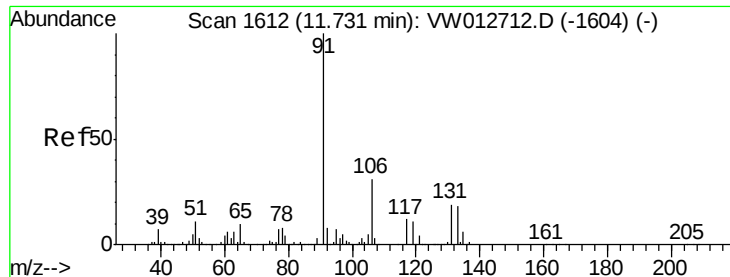
Tgt Ion:112 Resp: 63951
Ion Ratio Lower Upper
112 100
114 30.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 9.069 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion:131 Resp: 21605
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 63.2 30.6 92.0

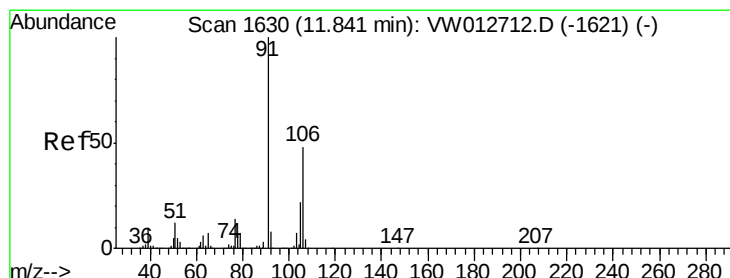
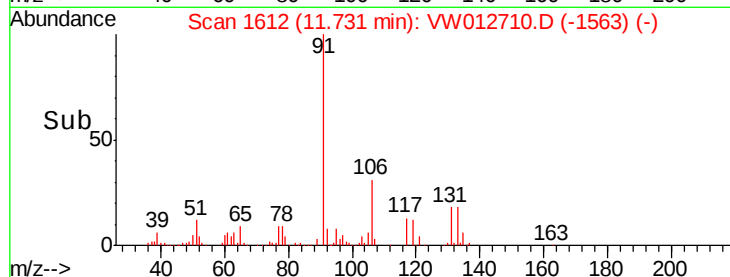
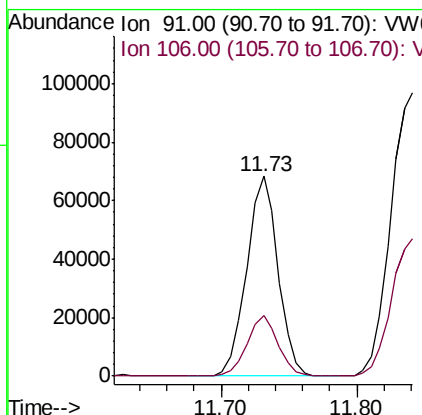
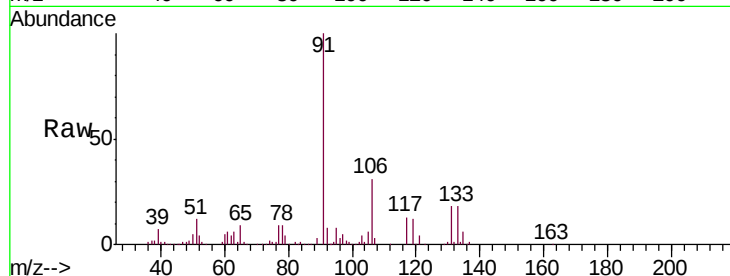




#67
Ethyl Benzene
Concen: 9.201 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

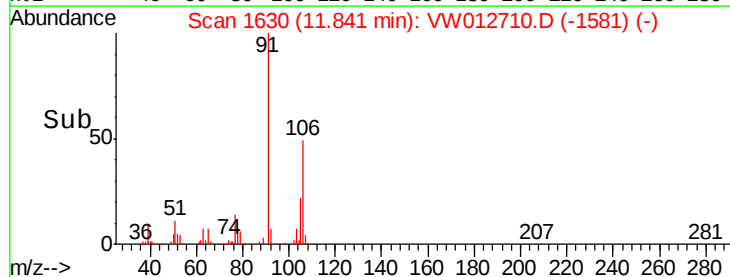
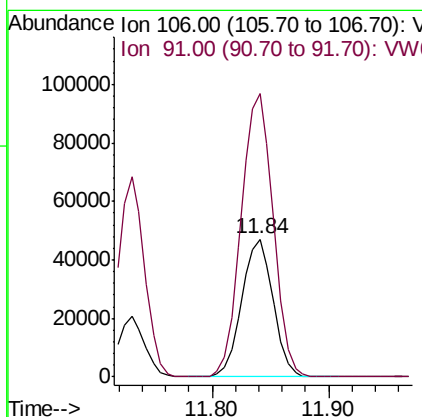
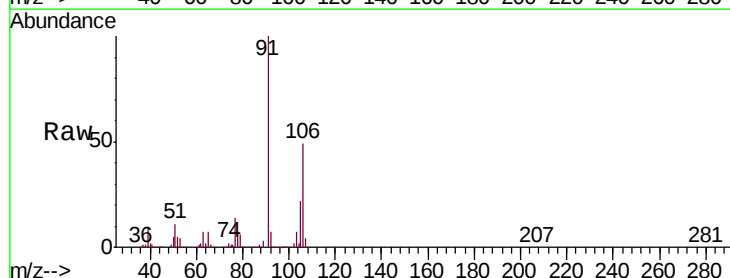
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

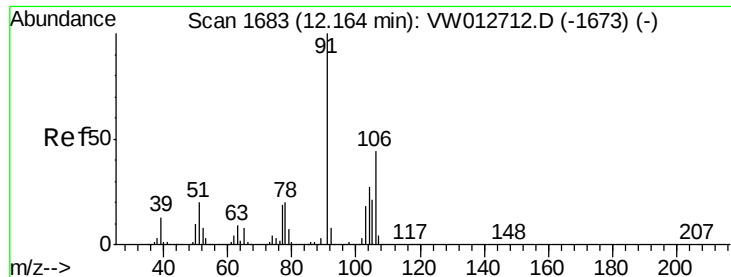
Tgt Ion: 91 Resp: 110433
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 20.387 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion: 106 Resp: 88322
Ion Ratio Lower Upper
106 100
91 209.1 168.2 252.4

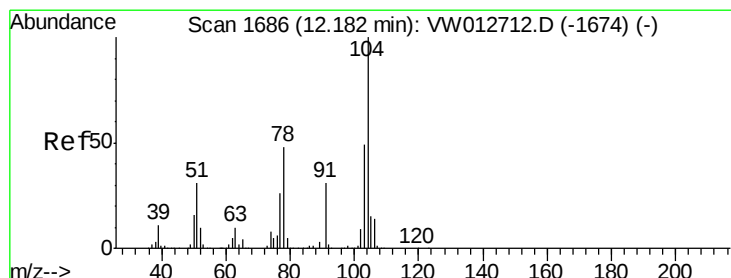
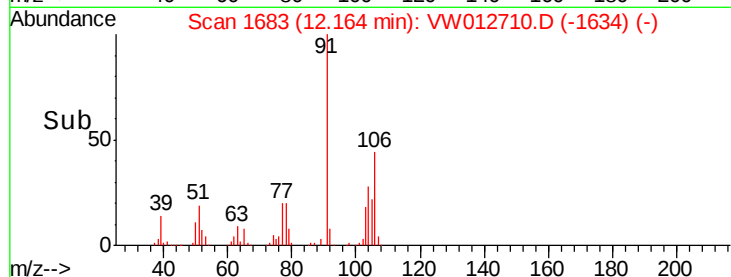
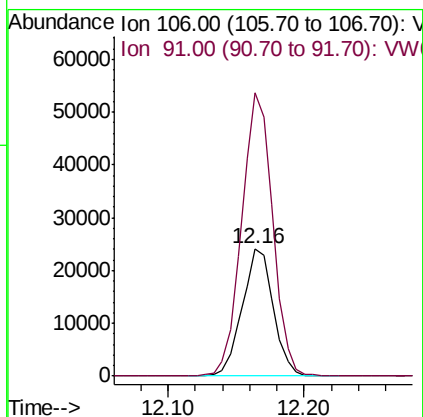
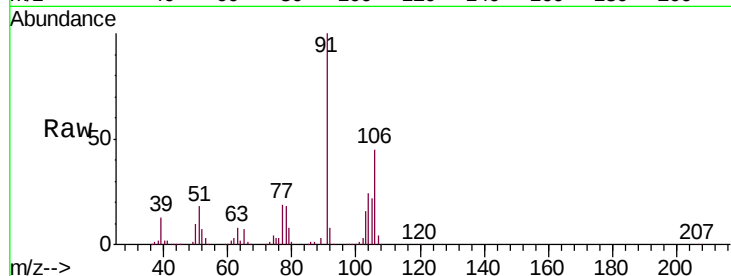




#69
o-Xylene
Concen: 9.421 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

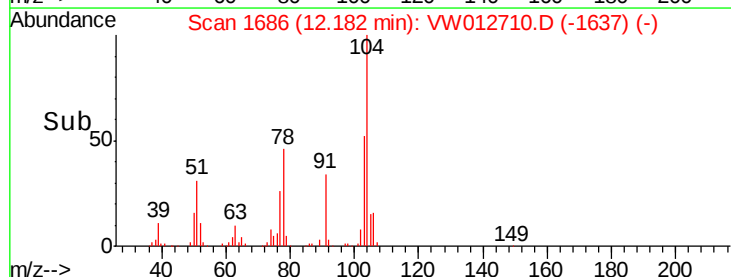
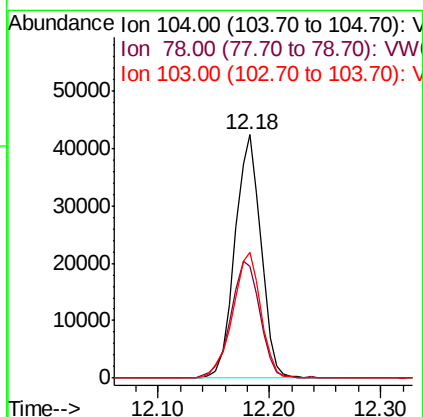
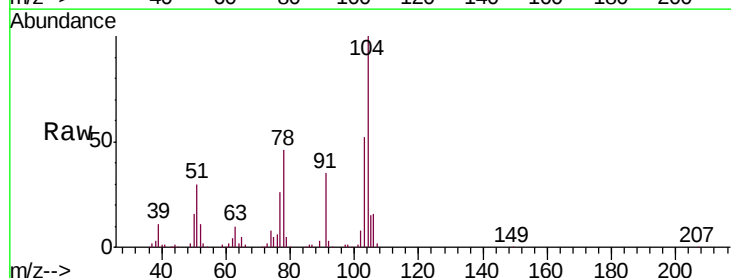
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

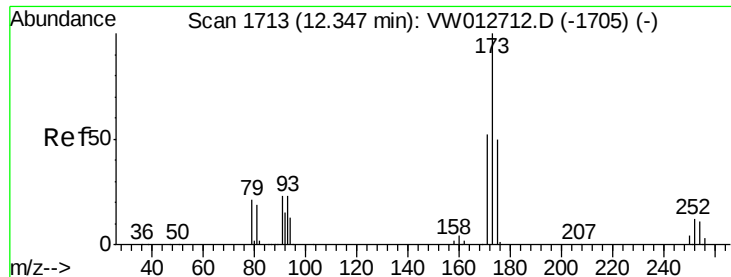
Tgt Ion:106 Resp: 38504
Ion Ratio Lower Upper
106 100
91 222.2 112.3 336.8



#70
Styrene
Concen: 9.466 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion:104 Resp: 68366
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 55.9 44.0 66.0





#71

Bromoform

Concen: 9.136 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

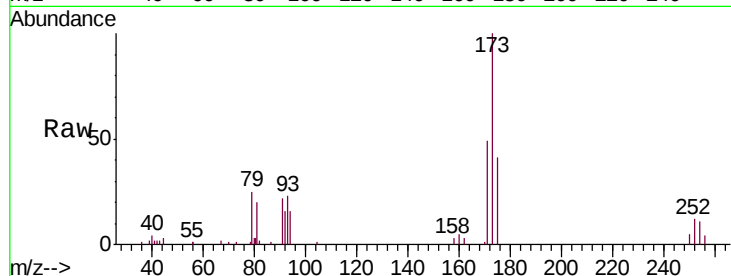
Tgt Ion:173 Resp: 12092

Ion Ratio Lower Upper

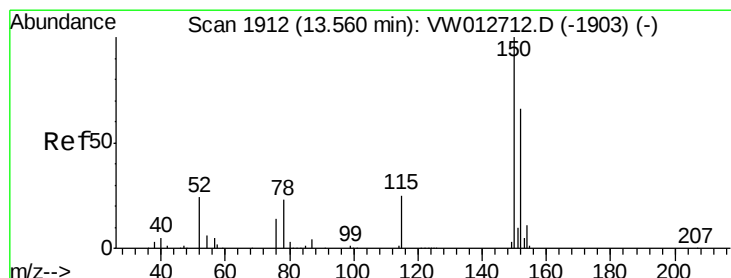
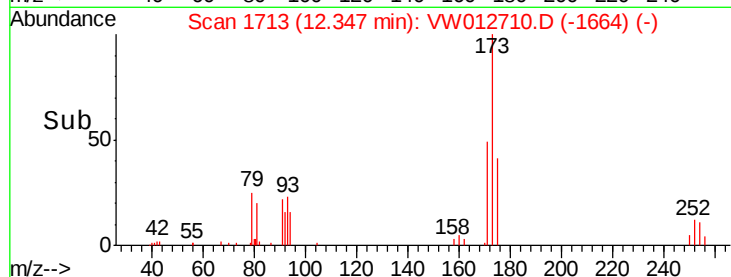
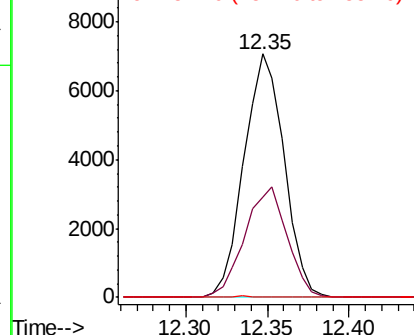
173 100

175 48.1 24.8 74.3

254 0.2 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: VW012710.D

Acq: 07 Sep 2019 10:12

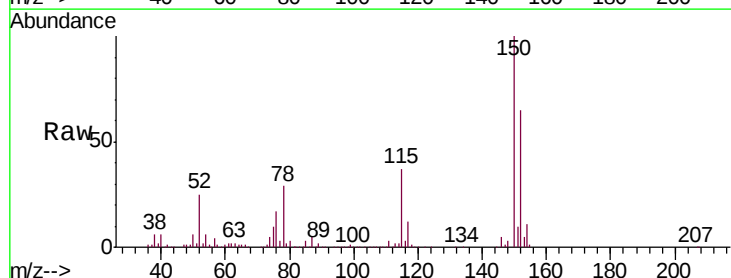
Tgt Ion:152 Resp: 156568

Ion Ratio Lower Upper

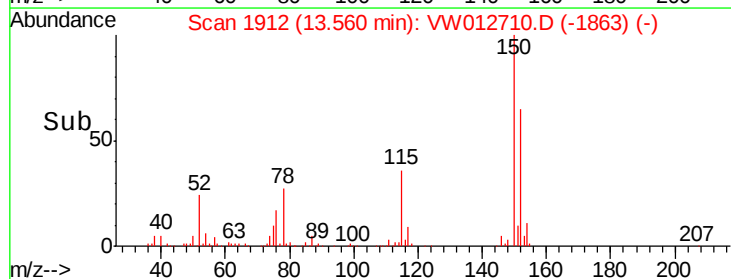
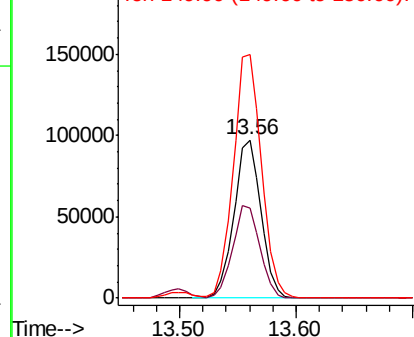
152 100

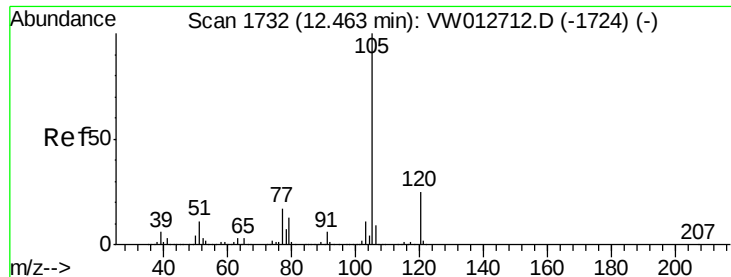
115 59.0 30.0 90.1

150 161.1 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: 10.351 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

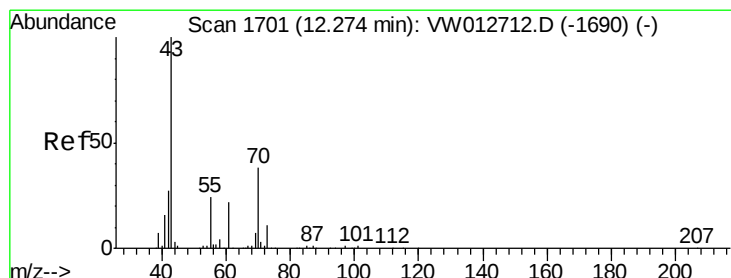
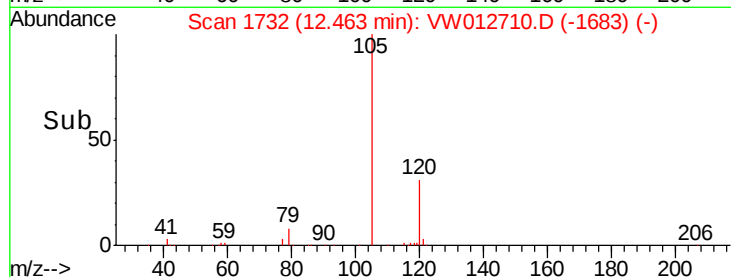
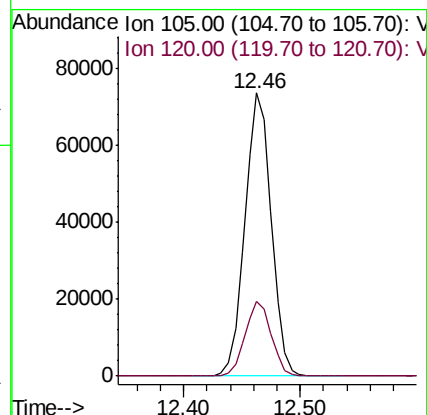
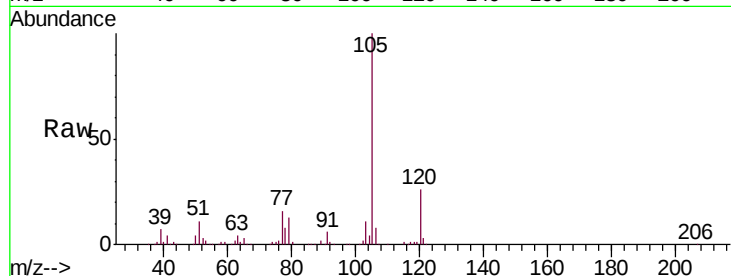
VSTDIC010

Tgt Ion:105 Resp: 116231

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 9.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Tgt Ion: 43 Resp: 33591

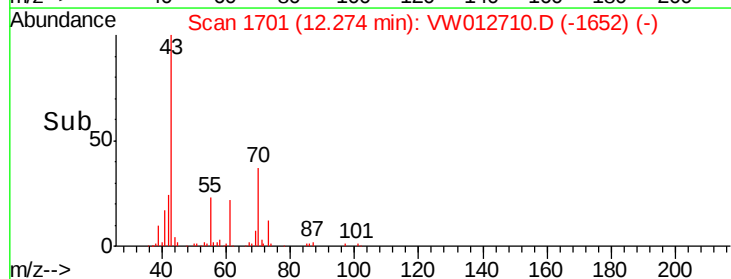
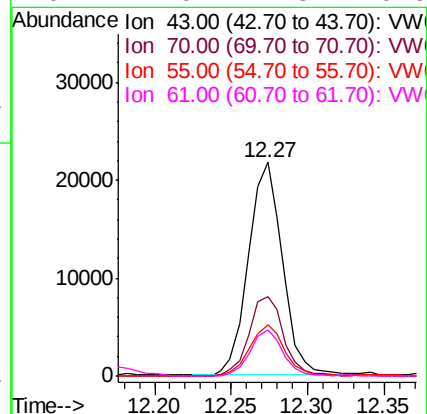
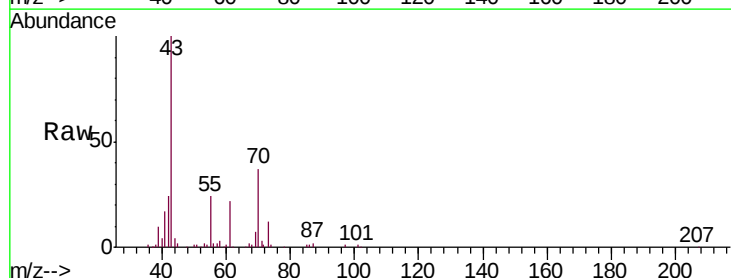
Ion Ratio Lower Upper

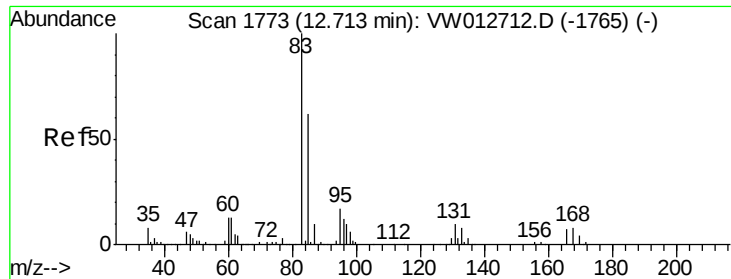
43 100

70 37.7 29.4 44.0

55 24.6 18.6 27.8

61 21.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 9.915 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

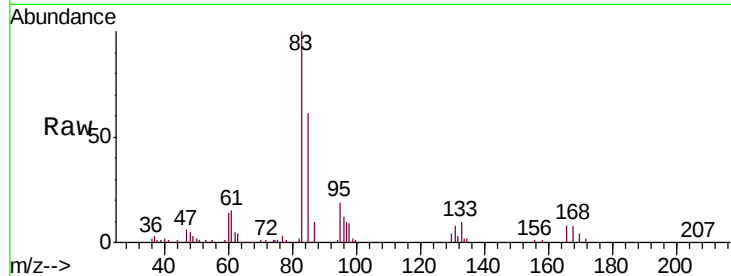
Tgt Ion: 83 Resp: 22360

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

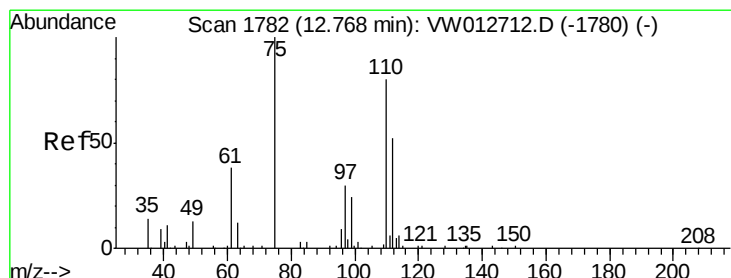
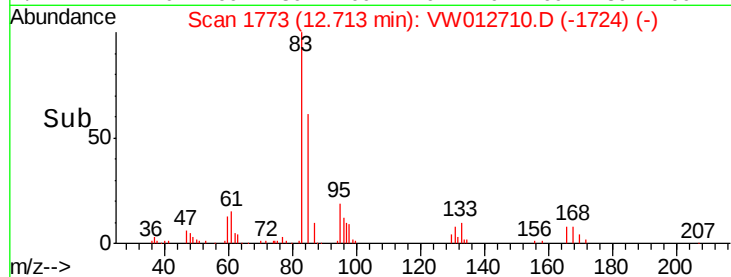
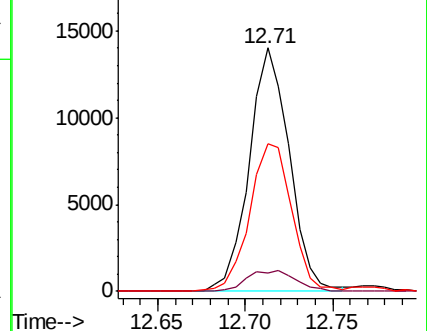
85 63.4 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 18.300 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012710.D

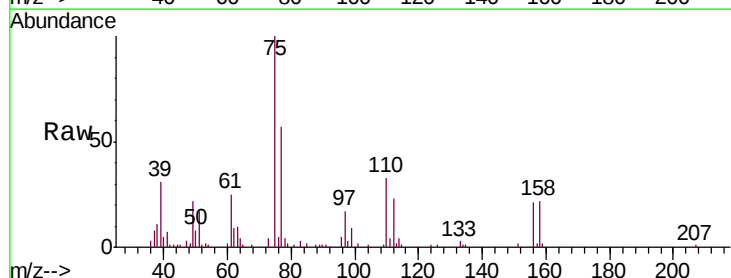
Acq: 07 Sep 2019 10:12

Tgt Ion: 75 Resp: 28118

Ion Ratio Lower Upper

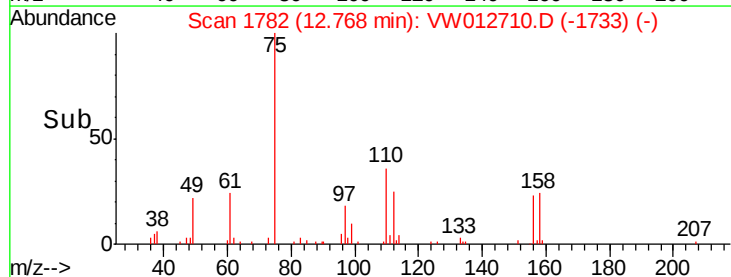
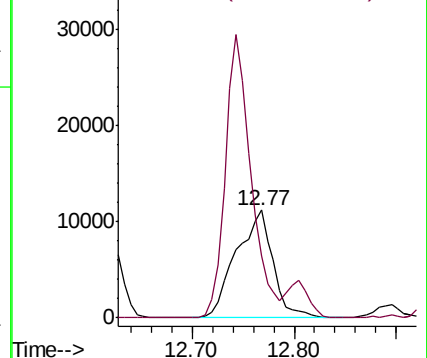
75 100

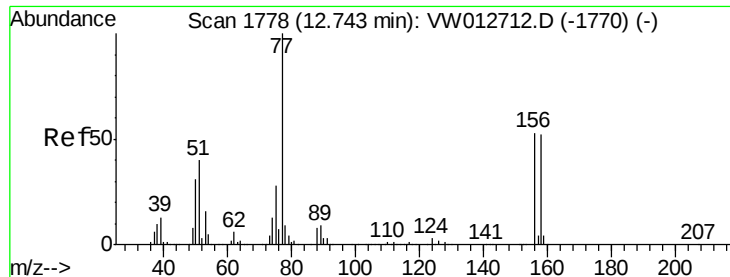
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.909 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

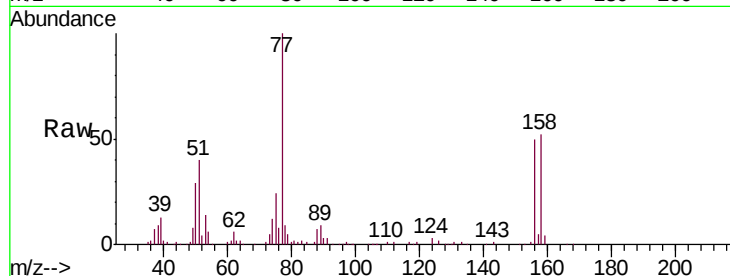
Tgt Ion:156 Resp: 25211

Ion Ratio Lower Upper

156 100

77 205.2 102.3 306.9

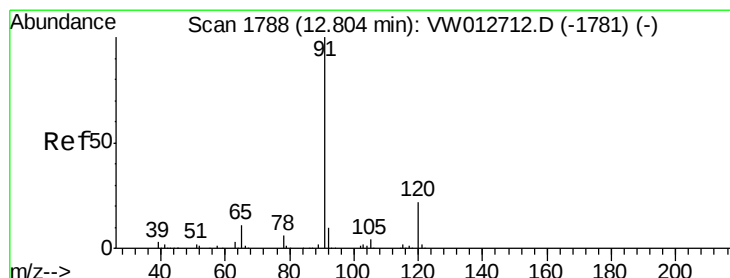
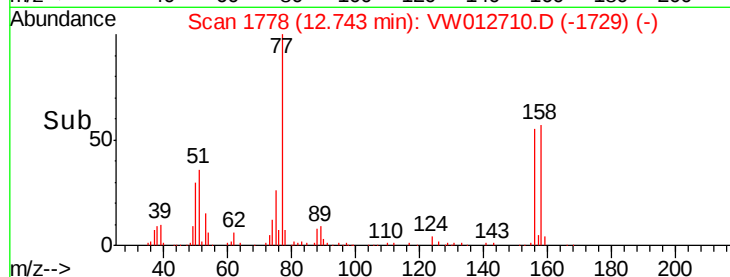
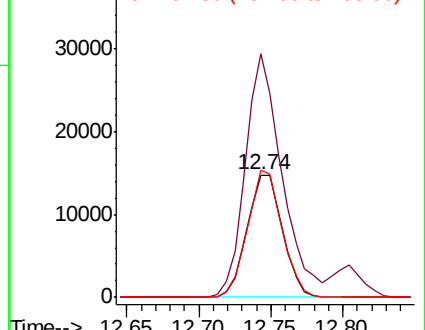
158 100.2 48.9 146.8



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: 9.893 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012710.D

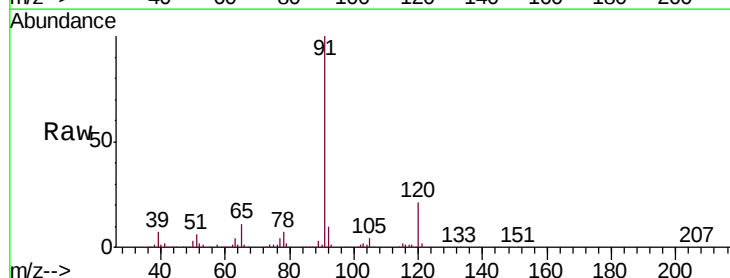
Acq: 07 Sep 2019 10:12

Tgt Ion: 91 Resp: 132861

Ion Ratio Lower Upper

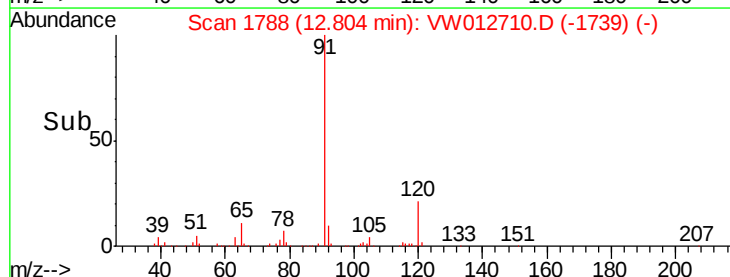
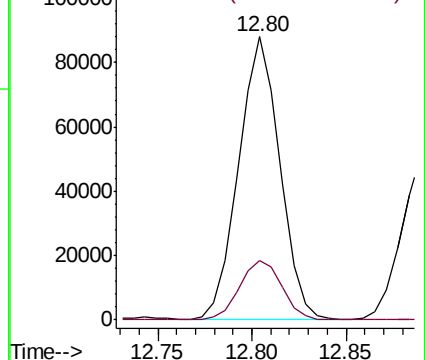
91 100

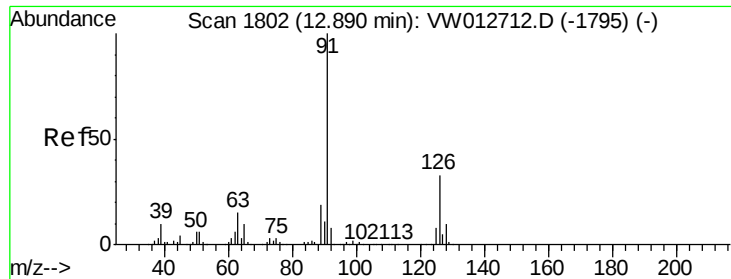
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

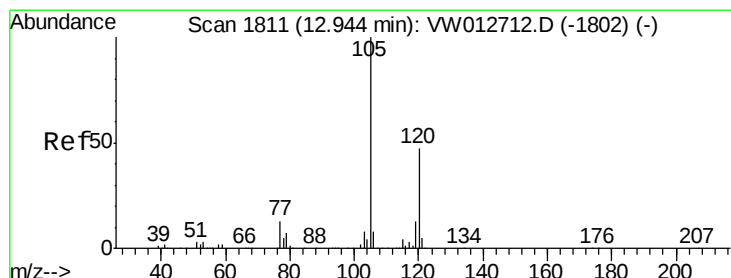
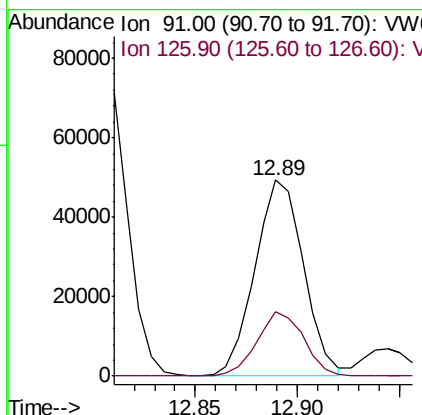
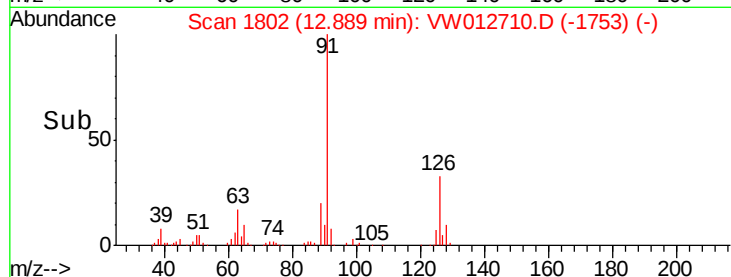
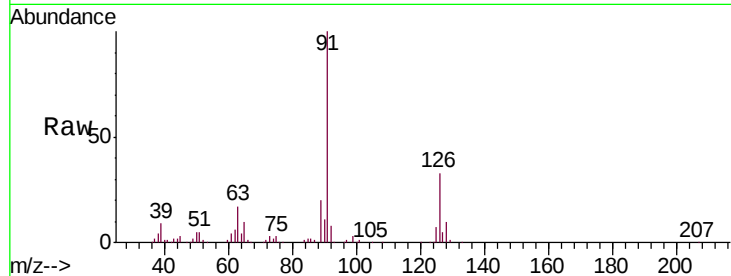




#79
 2-Chlorotoluene
 Concen: 10.611 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

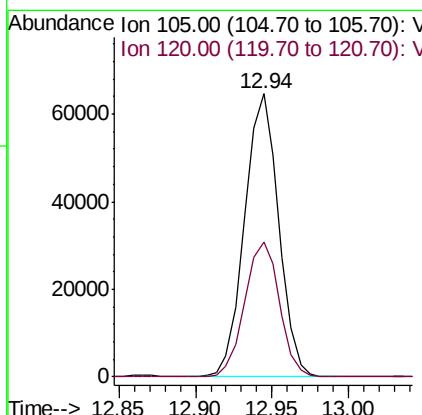
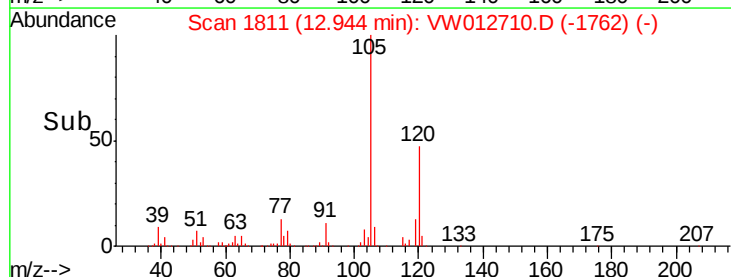
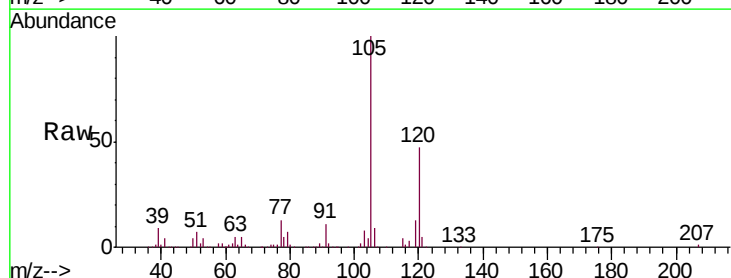
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

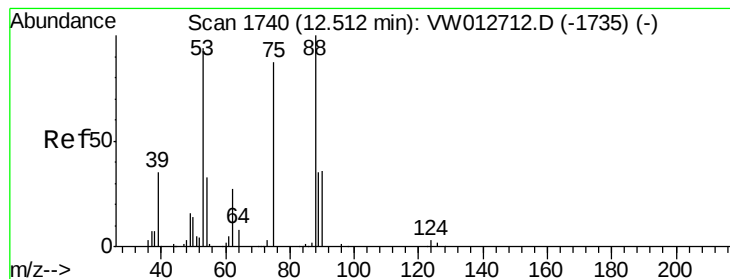
Tgt Ion: 91 Resp: 81814
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 10.524 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion: 105 Resp: 99581
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.323 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

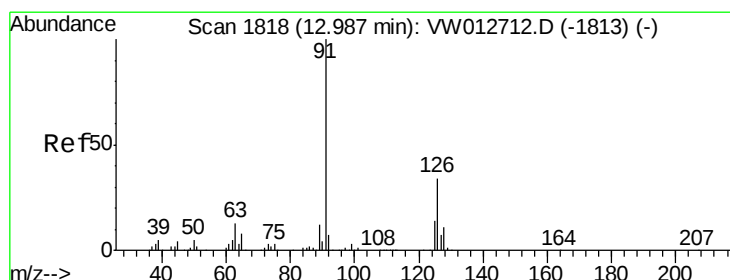
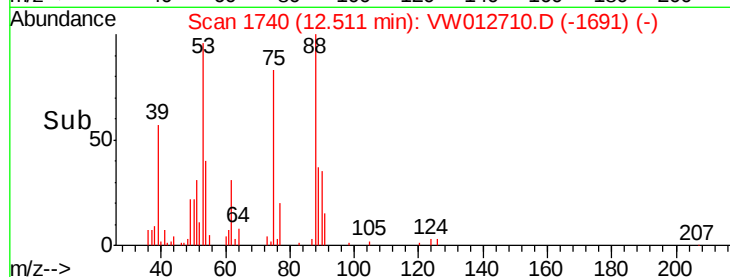
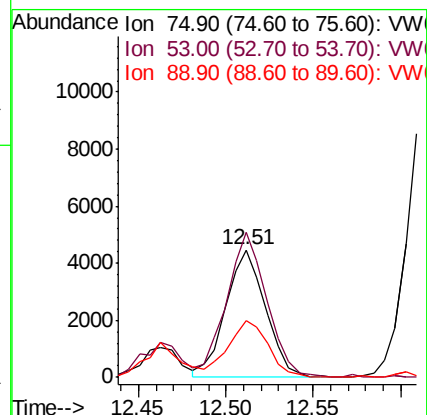
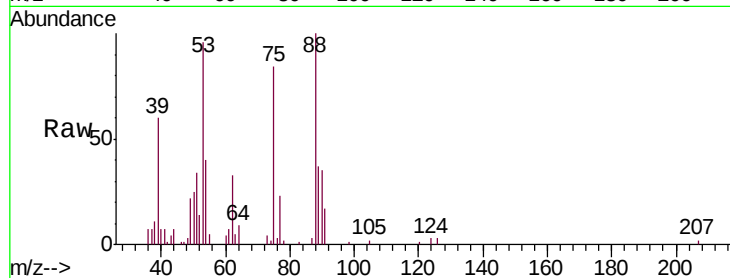
Tgt Ion: 75 Resp: 7057

Ion Ratio Lower Upper

75 100

53 115.6 87.6 131.4

89 44.5 35.5 53.3



#82

4-Chlorotoluene

Concen: 10.569 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012710.D

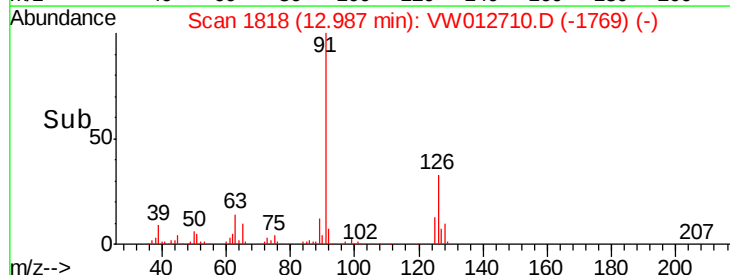
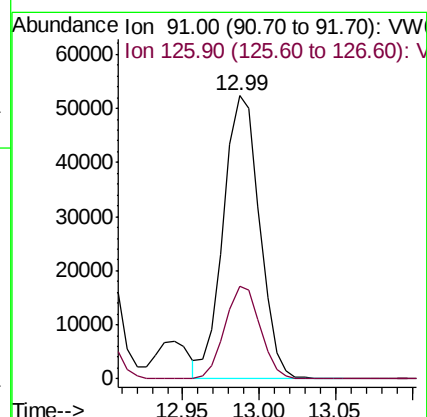
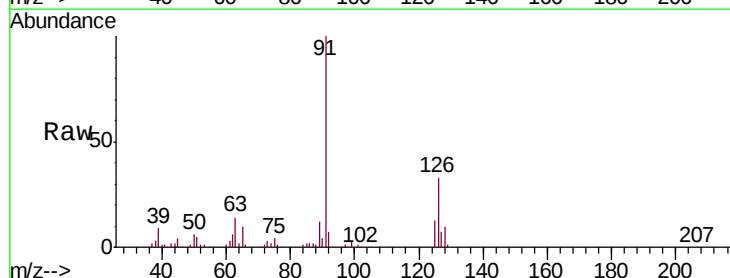
Acq: 07 Sep 2019 10:12

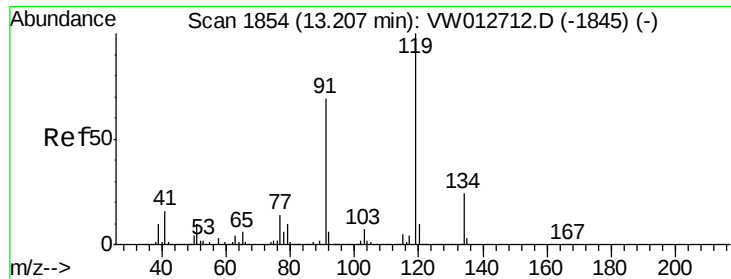
Tgt Ion: 91 Resp: 86194

Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.6

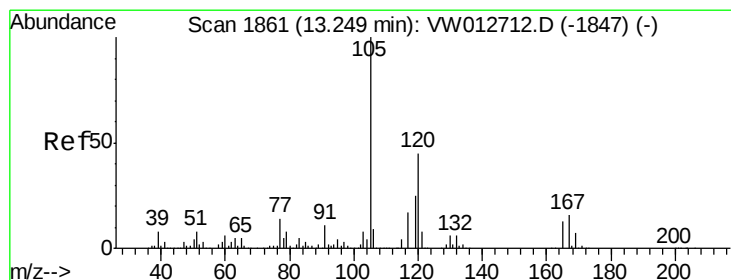
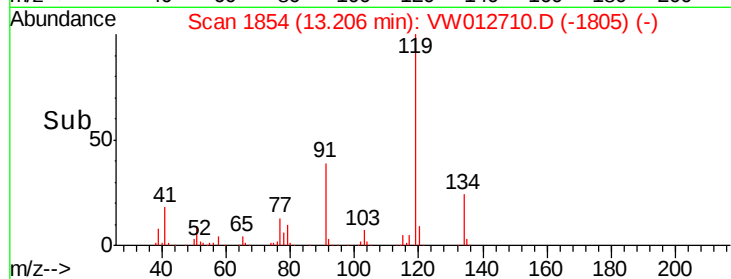
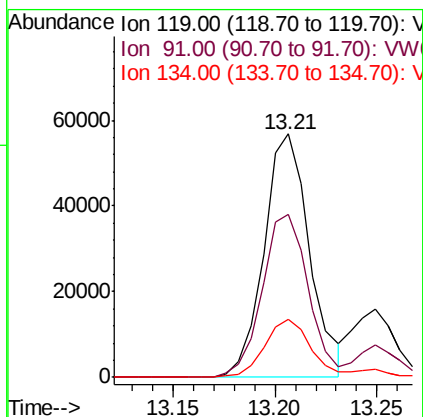
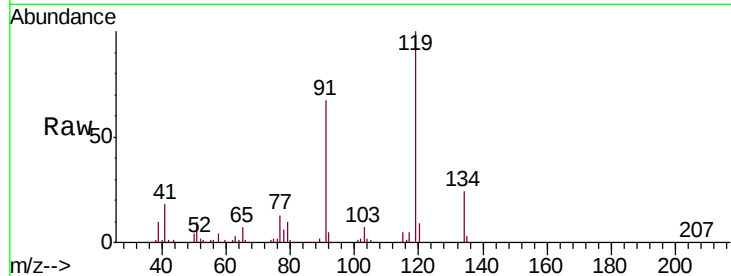




#83
 tert-Butylbenzene
 Concen: 10.575 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

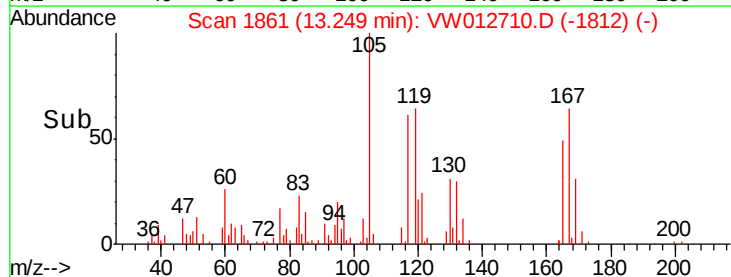
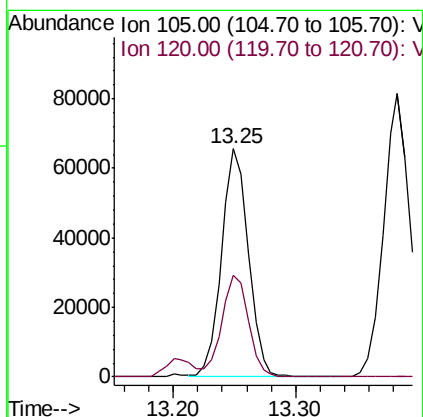
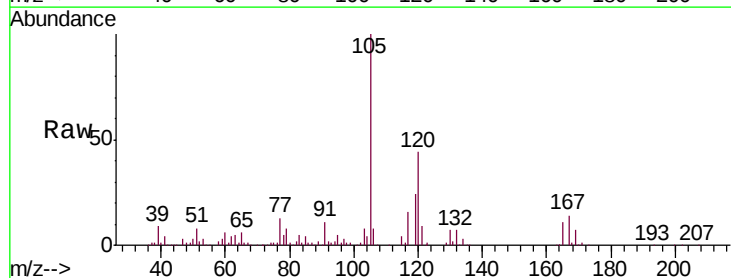
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

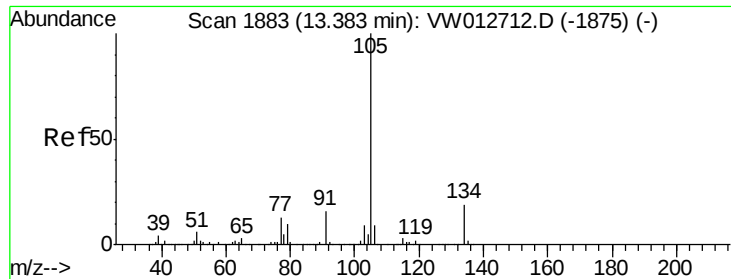
Tgt Ion:119 Resp: 88479
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.2 102.5
 134 24.1 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 10.410 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion:105 Resp: 99259
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3

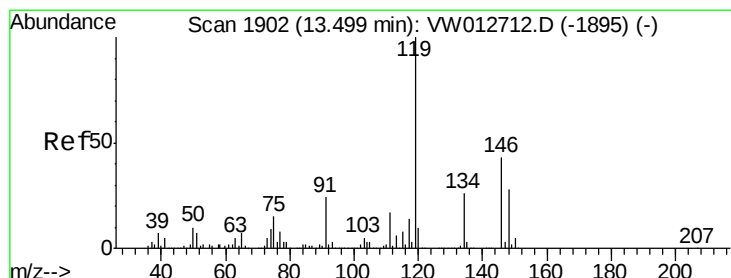
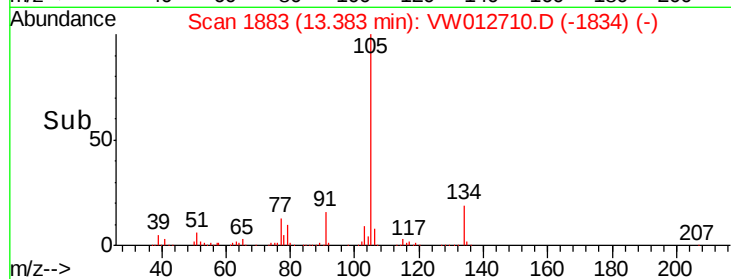
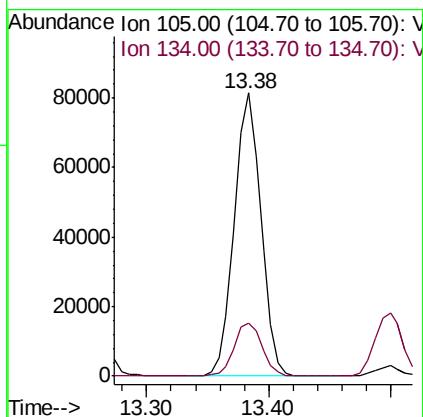
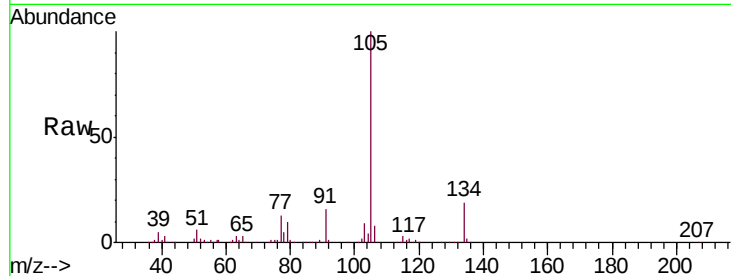




#85
 sec-Butylbenzene
 Concen: 10.577 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

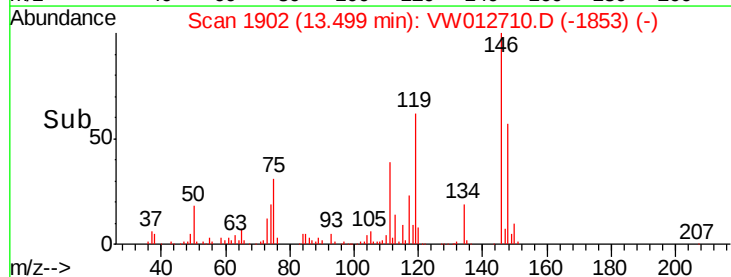
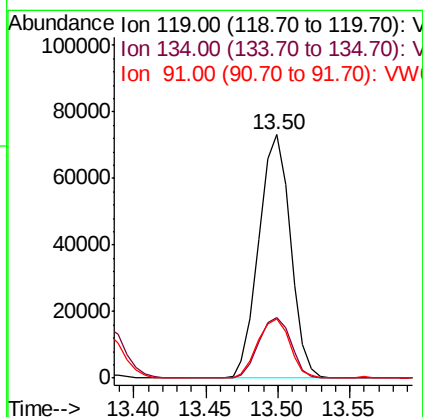
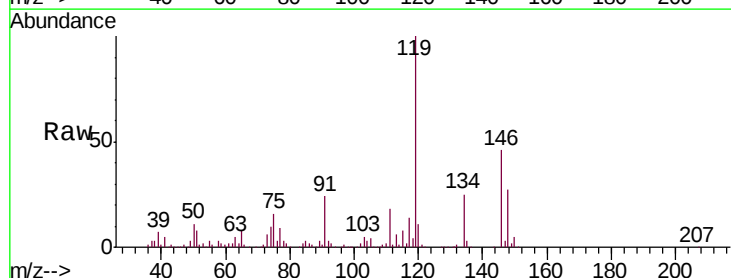
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

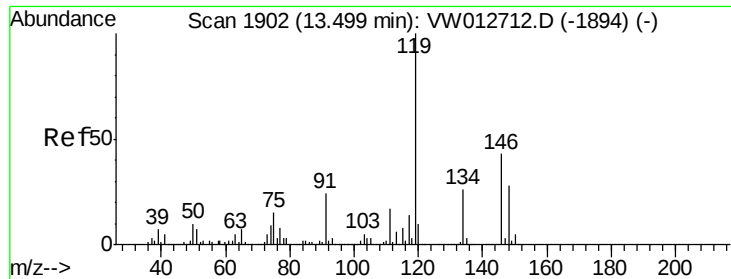
Tgt Ion:105 Resp: 122803
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 10.495 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion:119 Resp: 111300
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 25.0 12.2 36.6

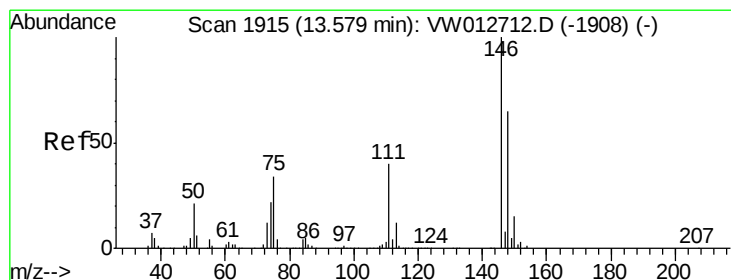
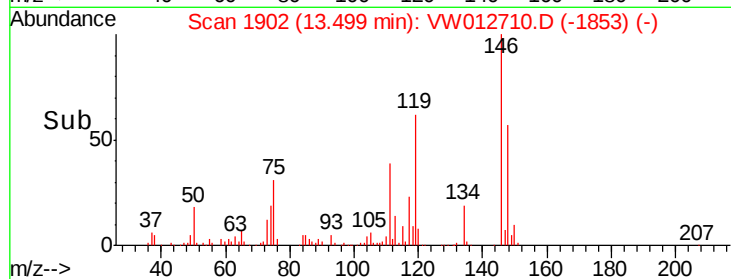
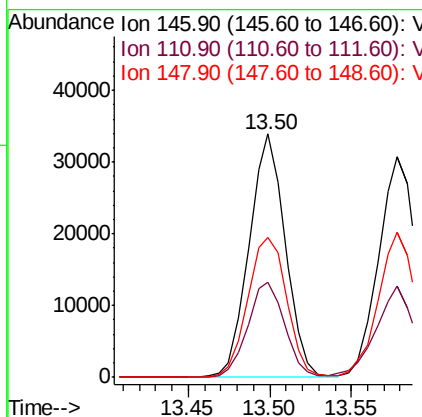
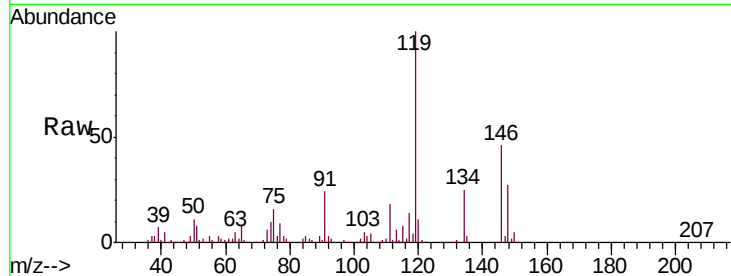




#87
 1,3-Dichlorobenzene
 Concen: 10.499 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

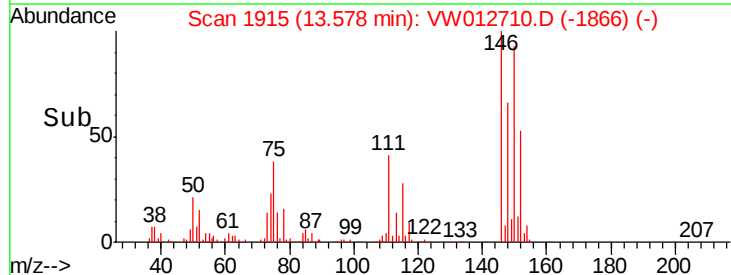
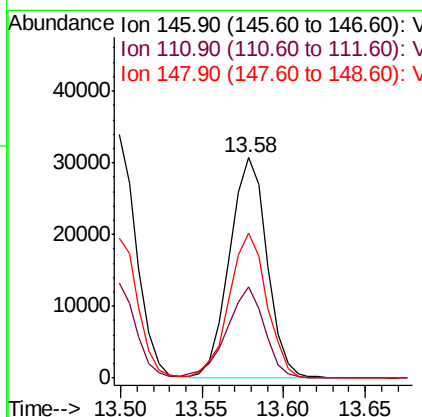
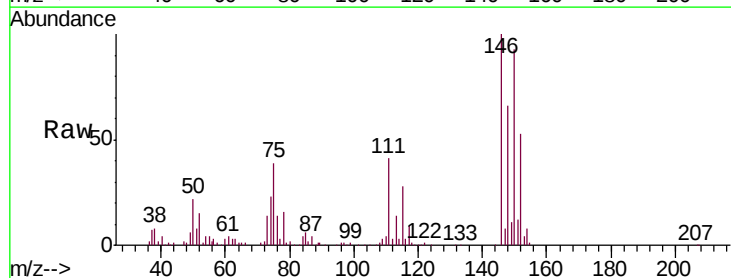
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

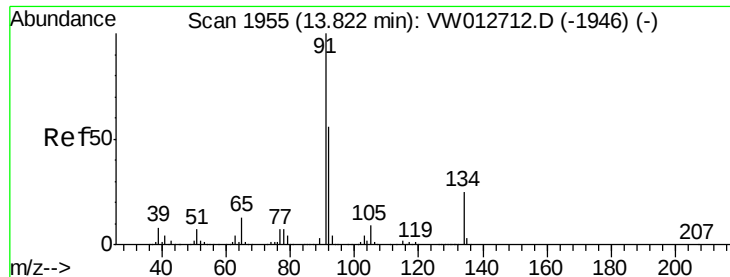
Tgt Ion:146 Resp: 52504
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.2
 148 61.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 9.904 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion:146 Resp: 49283
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.0 60.0
 148 66.0 32.2 96.6





#89

n-Butylbenzene

Concen: 10.429 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

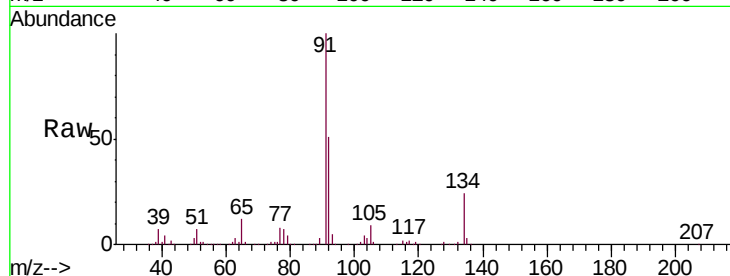
Tgt Ion: 91 Resp: 107373

Ion Ratio Lower Upper

91 100

92 53.2 27.2 81.5

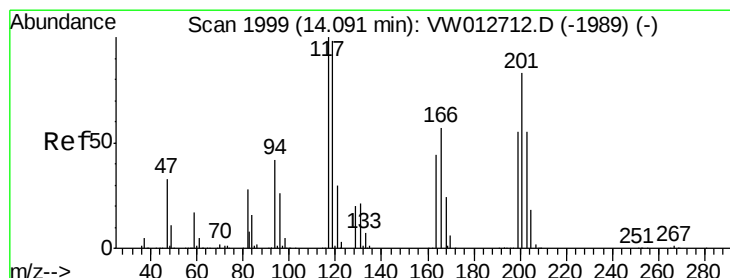
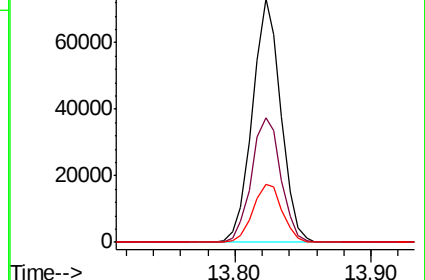
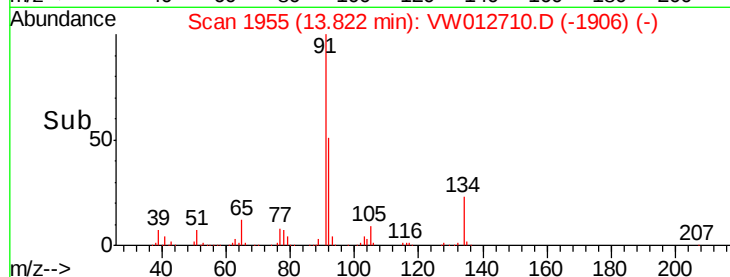
134 24.8 12.7 38.1



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: 10.318 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012710.D

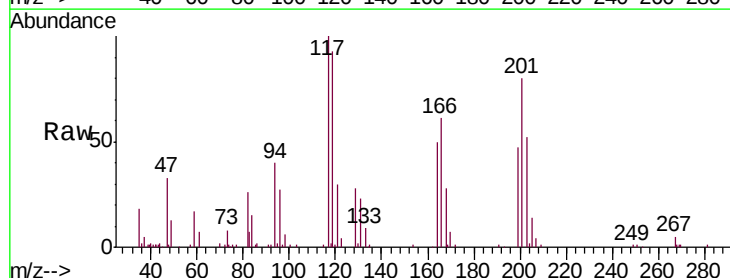
Acq: 07 Sep 2019 10:12

Tgt Ion: 117 Resp: 19101

Ion Ratio Lower Upper

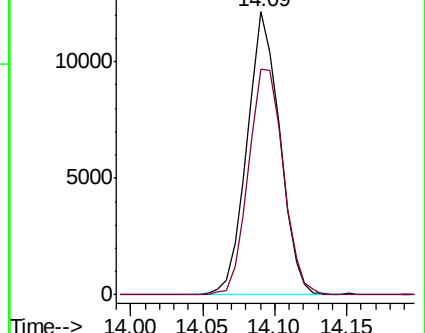
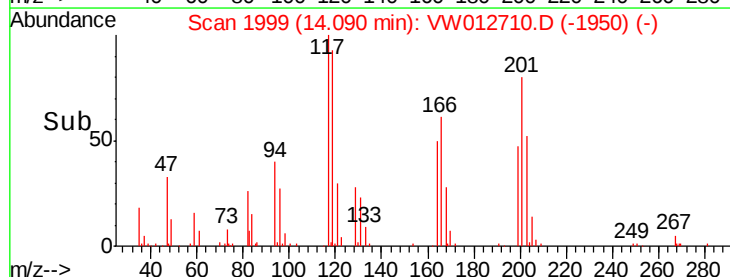
117 100

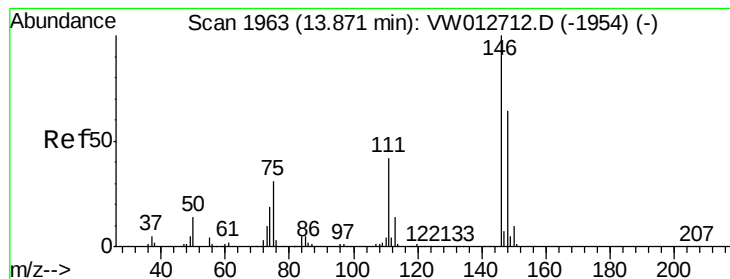
201 84.8 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 10.251 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

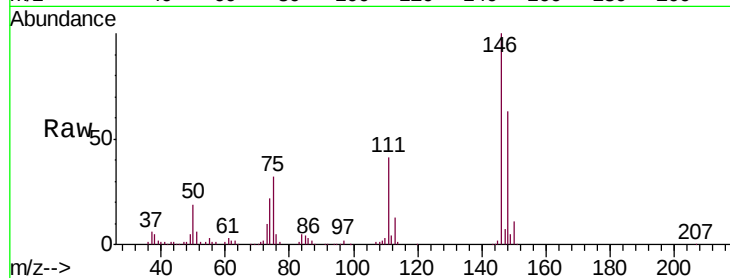
Tgt Ion:146 Resp: 46139

Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.9

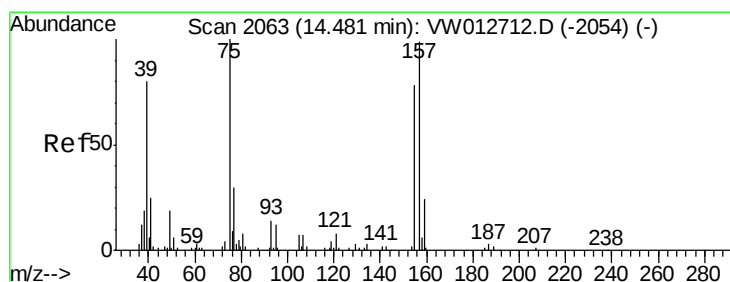
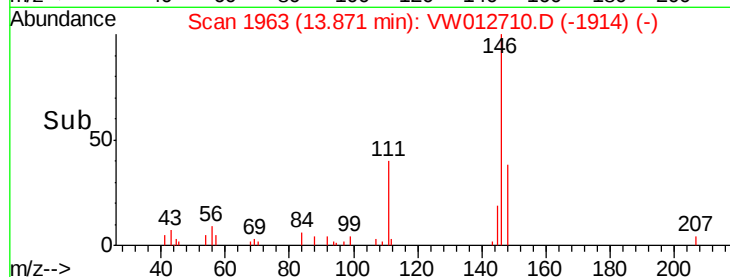
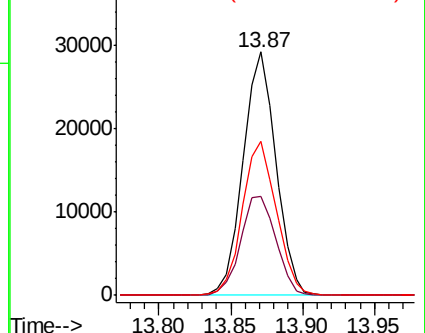
148 65.3 32.1 96.5



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: 9.268 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW012710.D

Acq: 07 Sep 2019 10:12

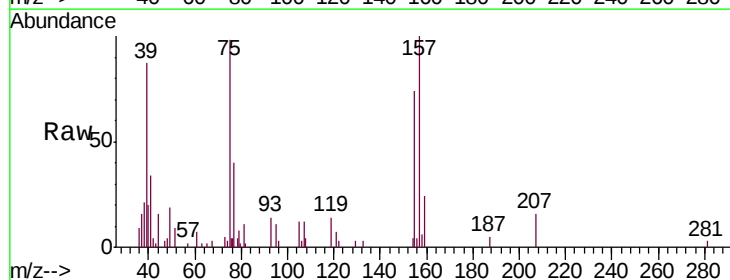
Tgt Ion: 75 Resp: 3825

Ion Ratio Lower Upper

75 100

155 75.2 40.6 122.0

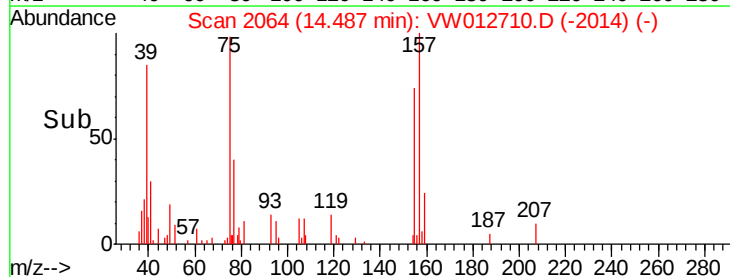
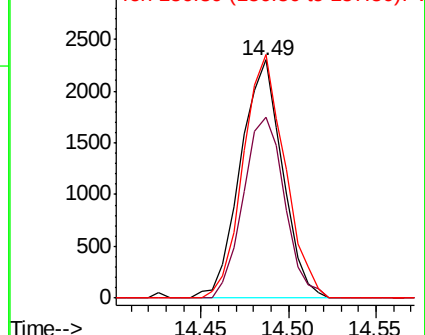
157 101.8 52.5 157.5

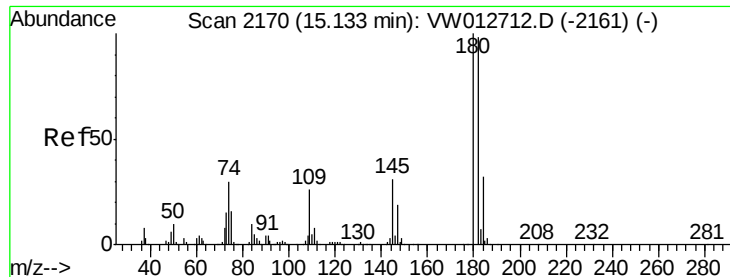


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

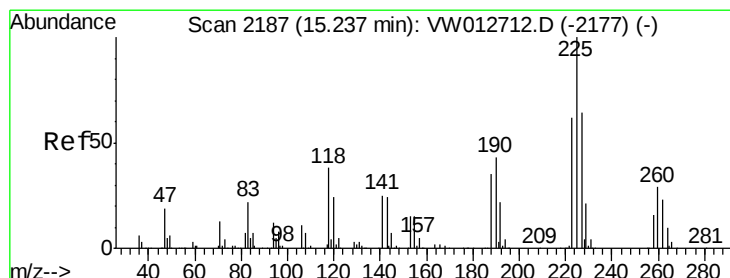
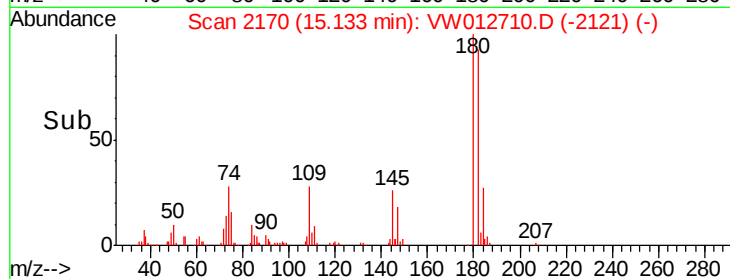
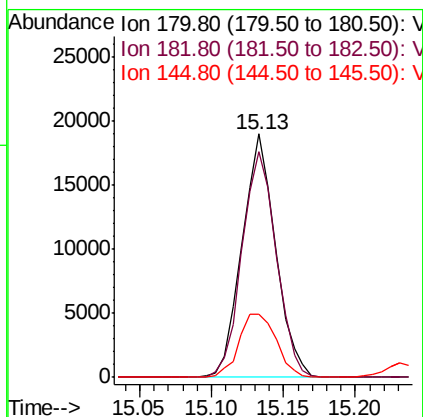
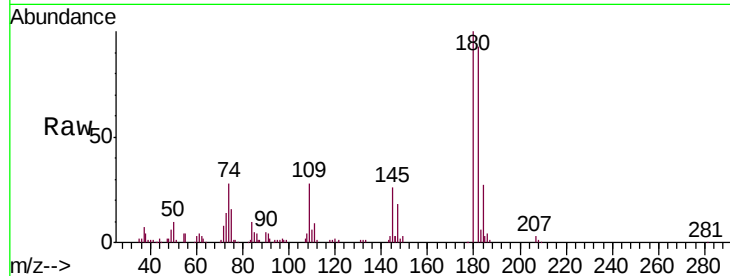




#93
 1,2,4-Trichlorobenzene
 Concen: 9.781 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

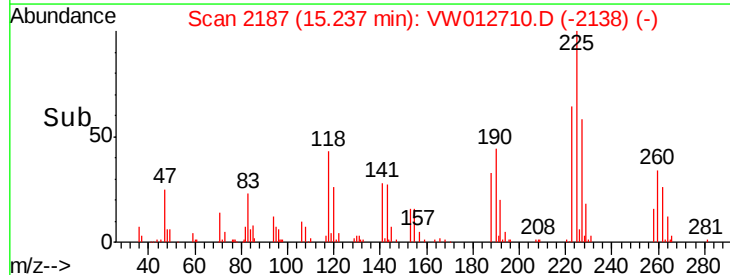
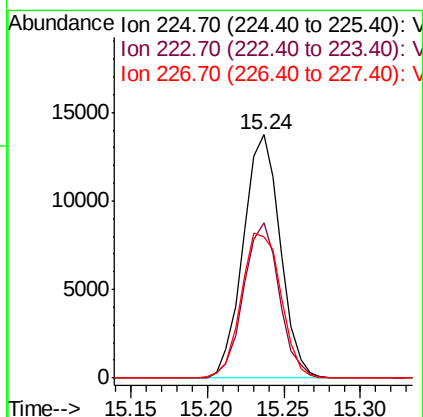
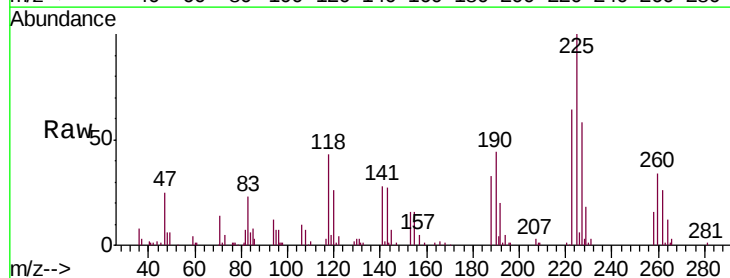
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

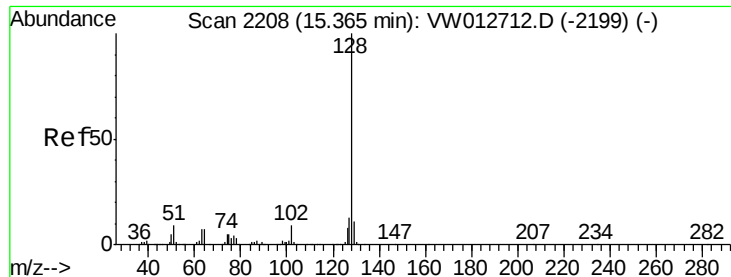
Tgt Ion:180 Resp: 30651
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.7 146.1
 145 29.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 10.676 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012710.D
 Acq: 07 Sep 2019 10:12

Tgt Ion:225 Resp: 23156
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.3
 227 63.7 31.4 94.2

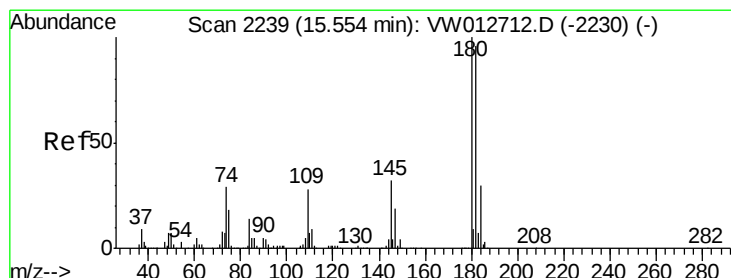
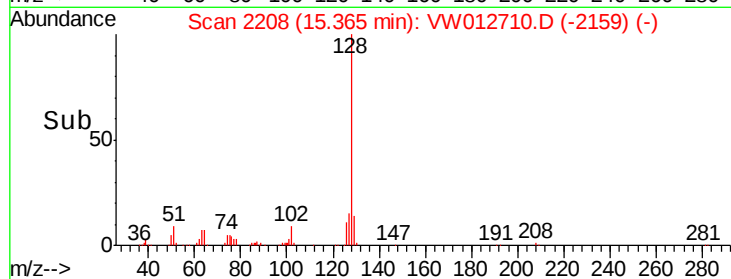
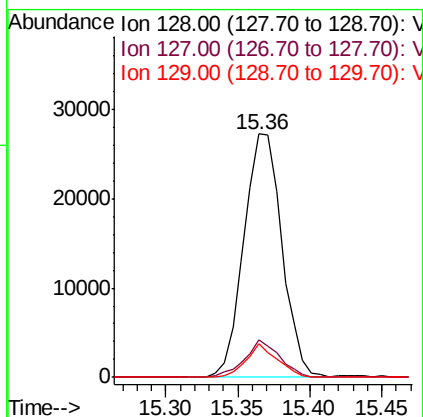
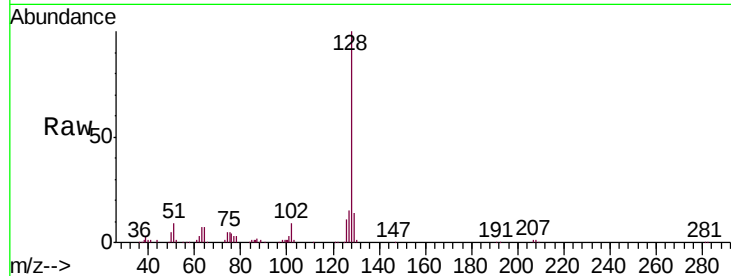




#95
Naphthalene
Concen: 8.553 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 49902
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.827 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012710.D
Acq: 07 Sep 2019 10:12

Tgt Ion:180 Resp: 27183
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 30.9 15.4 46.2

