

Data File : VW012836.D
Acq On : 09 Sep 2019 21:33
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 10 07:04:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104812	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	84204	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	10.32	98	336793	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	122167	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	41673	37.868	ug/l	97
3) Chloromethane	2.21	50	58299	43.591	ug/l	94
4) Vinyl Chloride	2.35	62	74667	45.534	ug/l	100
5) Bromomethane	2.73	94	38369	43.089	ug/l	97
6) Chloroethane	2.90	64	47539	48.581	ug/l	100
7) Trichlorofluoromethane	3.24	101	47655	42.113	ug/l	96
8) Diethyl Ether	3.67	74	47921	50.386	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84815	47.761	ug/l	96
10) Methyl Iodide	4.27	142	107057	47.889	ug/l	96
11) Tert butyl alcohol	5.16	59	49854	287.287	ug/l	98
12) 1,1-Dichloroethene	4.04	96	76273	45.499	ug/l	92
13) Acrolein	3.89	56	43845	238.092	ug/l	98
14) Allyl chloride	4.66	41	151531	43.696	ug/l	98
15) Acrylonitrile	5.35	53	151469	272.669	ug/l	100
16) Acetone	4.11	43	139594	225.760	ug/l	96
17) Carbon Disulfide	4.38	76	146154	41.074	ug/l	97
18) Methyl Acetate	4.67	43	79901	55.077	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	172542	51.899	ug/l	98
20) Methylene Chloride	4.91	84	89196	46.109	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	80134	46.849	ug/l	93
22) Diisopropyl ether	6.31	45	331320	48.172	ug/l	96
23) Vinyl Acetate	6.25	43	1092465	250.632	ug/l	98
24) 1,1-Dichloroethane	6.21	63	172301	46.526	ug/l	98
25) 2-Butanone	7.16	43	214823	237.062	ug/l	99
26) 2,2-Dichloropropane	7.16	77	101056	43.205	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	97929	49.376	ug/l	95
28) Bromochloromethane	7.51	49	78113	45.936	ug/l	91
29) Tetrahydrofuran	7.52	42	135481	271.328	ug/l	95
30) Chloroform	7.67	83	172067	46.882	ug/l	93
31) Cyclohexane	7.95	56	142905	42.863	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	138102	46.420	ug/l	98
36) 1,1-Dichloropropene	8.08	75	126446	47.361	ug/l	98
37) Ethyl Acetate	7.25	43	88733	52.136	ug/l	99
38) Carbon Tetrachloride	8.07	117	123588	46.959	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	143109	47.725	ug/l	95
40) Benzene	8.32	78	357911	48.317	ug/l	99
41) Methacrylonitrile	7.48	41	60543	52.151	ug/l	96
42) 1,2-Dichloroethane	8.40	62	127648	48.964	ug/l	98
43) Isopropyl Acetate	8.42	43	171500	53.187	ug/l	98
44) Trichloroethene	9.09	130	93917	49.185	ug/l	97
45) 1,2-Dichloropropane	9.37	63	100162	48.752	ug/l	98
46) Dibromomethane	9.46	93	50783	52.198	ug/l	97
47) Bromodichloromethane	9.64	83	132725	49.587	ug/l	99
48) Methyl methacrylate	9.43	41	80862	52.475	ug/l	99
49) 1,4-Dioxane	9.45	88	23449	1220.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	467297	276.184	ug/l	98
52) Toluene	10.38	92	230811	49.923	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	139862	50.816	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	158390	50.729	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	77922	53.498	ug/l	97
56) Ethyl methacrylate	10.65	69	119972	56.270	ug/l	94
57) 1,3-Dichloropropane	10.93	76	139944	51.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299268	264.400	ug/l	98
59) 2-Hexanone	10.96	43	331023	267.790	ug/l	99
60) Dibromochloromethane	11.13	129	89590	52.300	ug/l	99
61) 1,2-Dibromoethane	11.23	107	74130	55.514	ug/l	99
64) Tetrachloroethene	10.86	164	83552	51.932	ug/l	96
65) Chlorobenzene	11.66	112	248801	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	95564	51.206	ug/l	99
67) Ethyl Benzene	11.73	91	462938	49.235	ug/l	99
68) m/p-Xylenes	11.83	106	336862	99.255	ug/l	99
69) o-Xylene	12.16	106	163106	50.940	ug/l	98
70) Styrene	12.18	104	288770	51.037	ug/l	99
71) Bromoform	12.35	173	56471	54.463	ug/l #	99
73) Isopropylbenzene	12.46	105	468880	48.744	ug/l	100
74) N-amyl acetate	12.27	43	159820	52.343	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	100297	51.918	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	130884	95.437	ug/l #	100
77) Bromobenzene	12.74	156	110273	50.599	ug/l	96
78) n-propylbenzene	12.80	91	555833	48.314	ug/l	99
79) 2-Chlorotoluene	12.89	91	316931	47.987	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	399137	49.242	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	32579	50.245	ug/l	98
82) 4-Chlorotoluene	12.99	91	332923	47.655	ug/l	99
83) tert-Butylbenzene	13.21	119	361414	50.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	400428	49.027	ug/l	99
85) sec-Butylbenzene	13.38	105	494208	49.693	ug/l	99
86) p-Isopropyltoluene	13.50	119	453052	49.873	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	211094	49.280	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	212181	49.779	ug/l	99
89) n-Butylbenzene	13.82	91	431415	48.918	ug/l	99
90) Hexachloroethane	14.09	117	77486	48.861	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	193937	50.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19239	54.419	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Quantitation Report (Not Reviewed)

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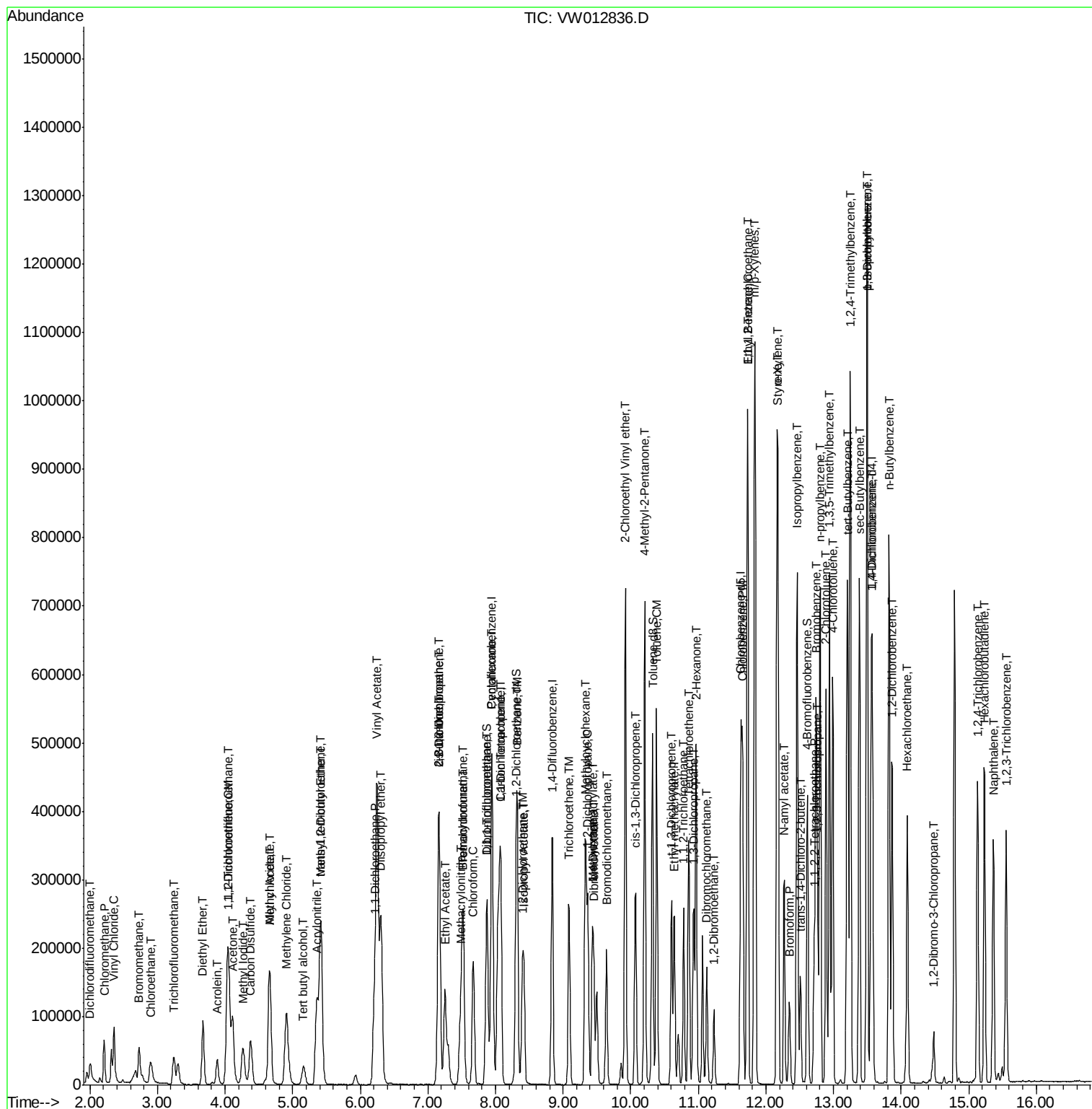
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	146174	54.455	ug/l	97
94) Hexachlorobutadiene	15.24	225	97330	52.385	ug/l	99
95) Naphthalene	15.36	128	298312	52.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	133072	56.162	ug/l	99

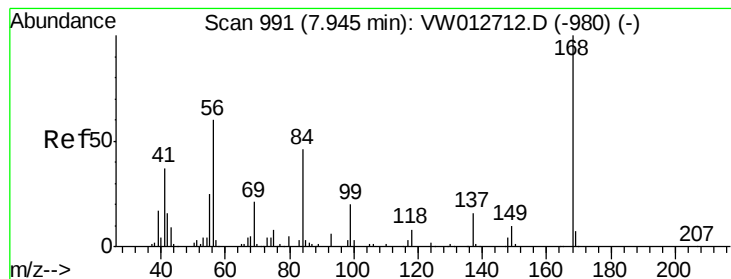
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012836.D

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MSVOA_W

ClientSampleId :

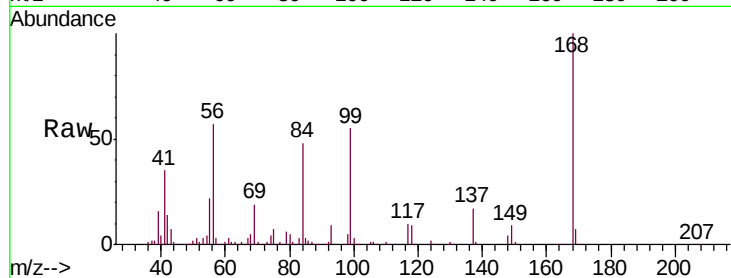
VSTDCCC050EC

Tgt Ion:168 Resp: 202993

Ion Ratio Lower Upper

168 100

99 54.4 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

80000

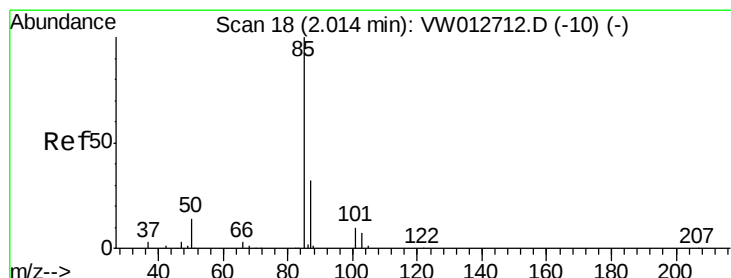
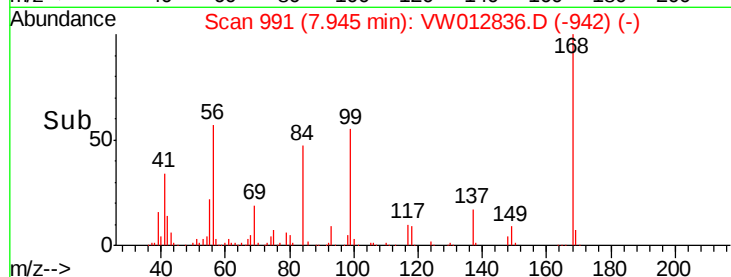
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 37.868 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012836.D

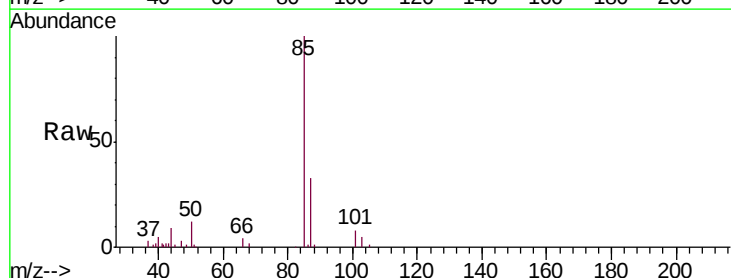
Acq: 09 Sep 2019 21:33

Tgt Ion: 85 Resp: 41673

Ion Ratio Lower Upper

85 100

87 33.3 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

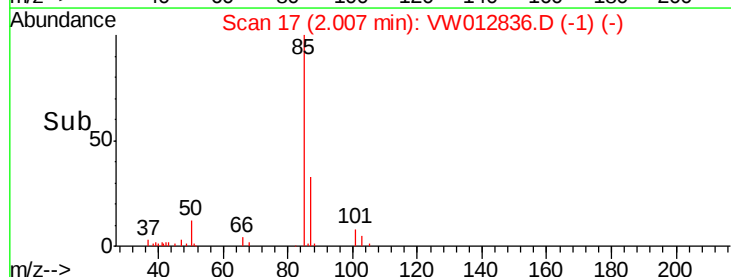
15000

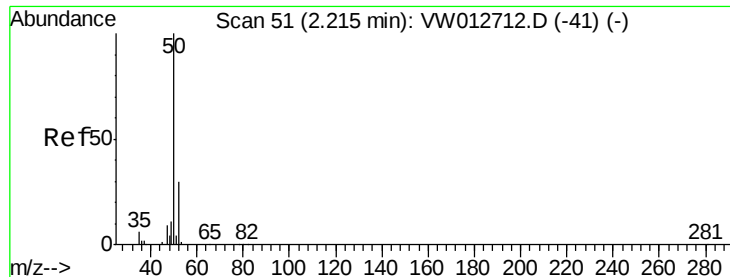
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 43.591 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

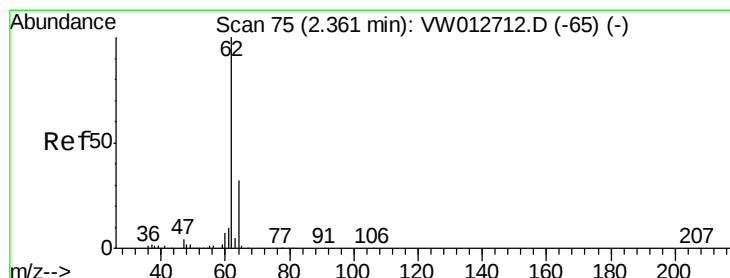
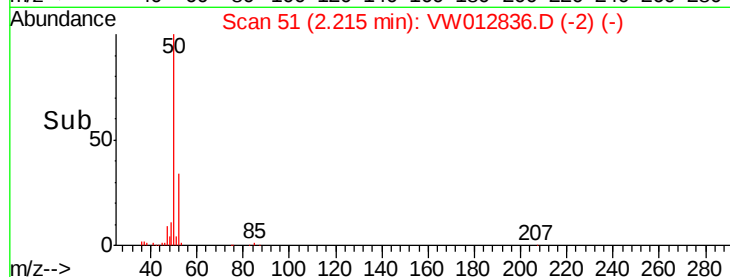
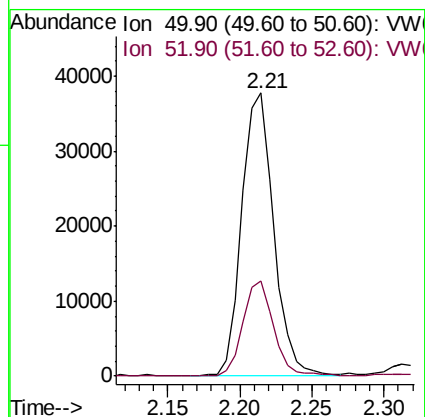
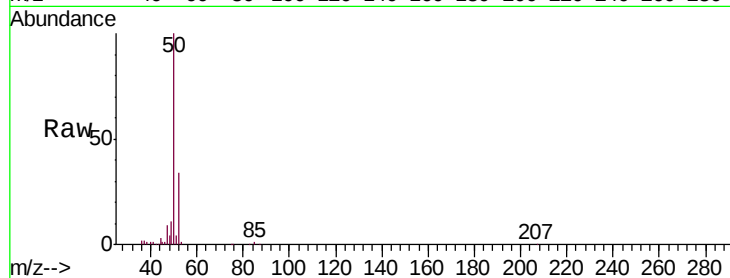
VSTDCCC050EC

Tgt Ion: 50 Resp: 58299

Ion Ratio Lower Upper

50 100

52 33.6 24.2 36.2



#4

Vinyl Chloride

Concen: 45.534 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012836.D

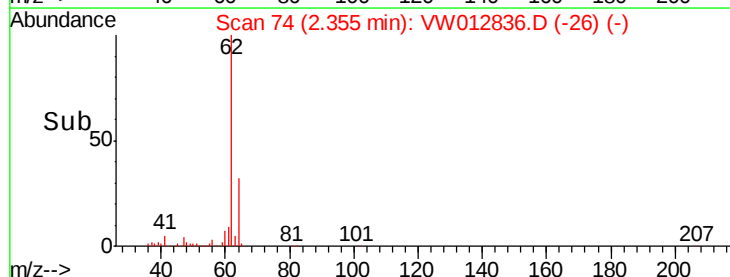
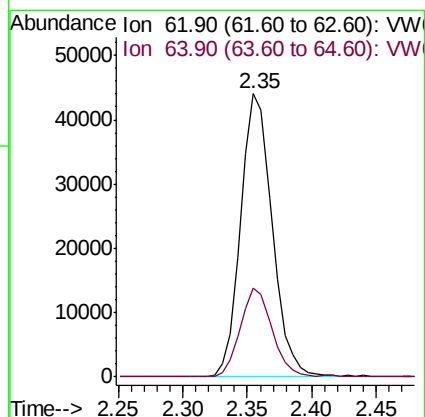
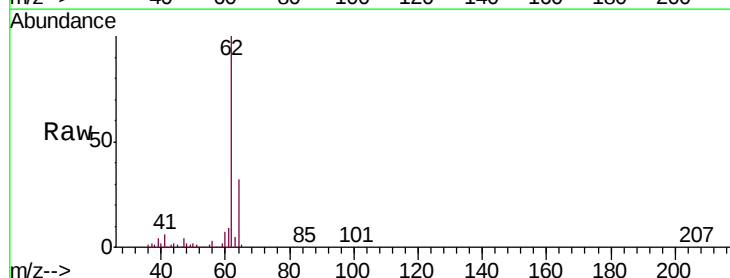
Acq: 09 Sep 2019 21:33

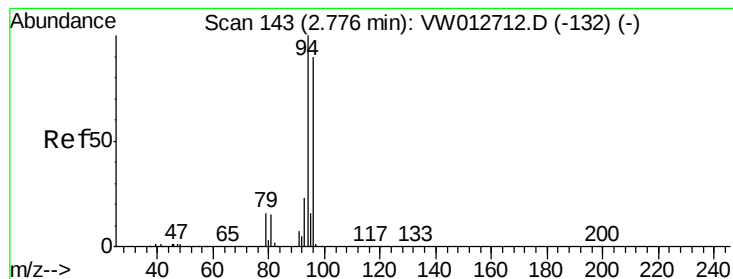
Tgt Ion: 62 Resp: 74667

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 43.089 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.05 min

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Acq: 09 Sep 2019 21:33

Instrument :

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ClientSampleId :

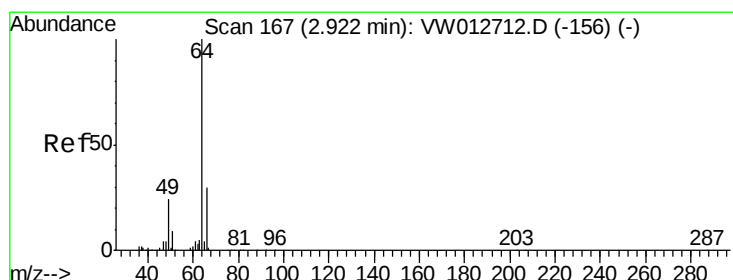
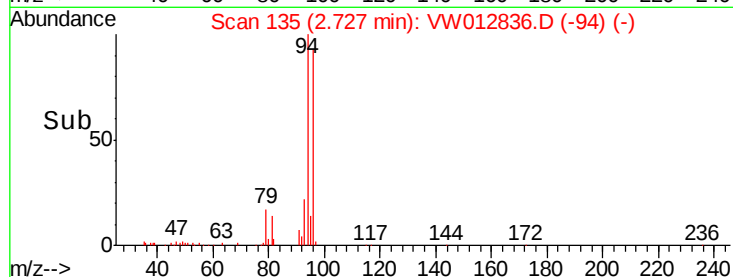
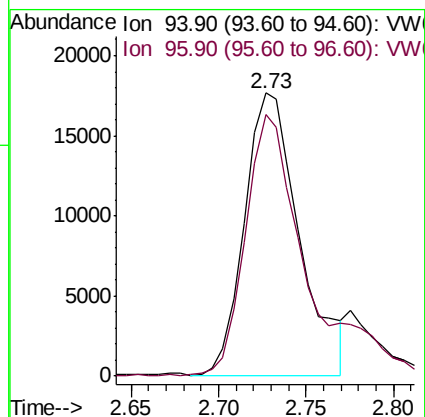
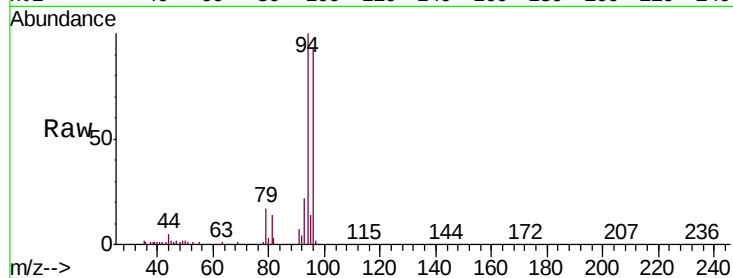
VSTDCCC050EC

Tgt Ion: 94 Resp: 38369

Ion Ratio Lower Upper

94 100

96 92.6 72.1 108.1



#6

Chloroethane

Concen: 48.581 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012836.D

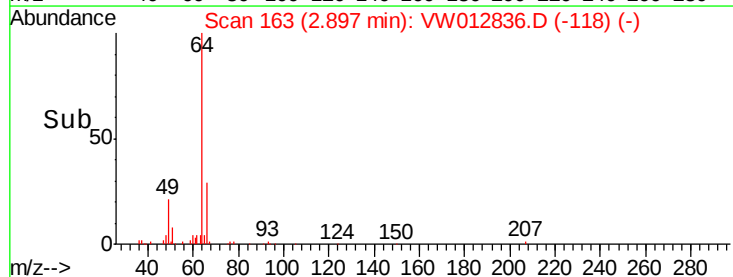
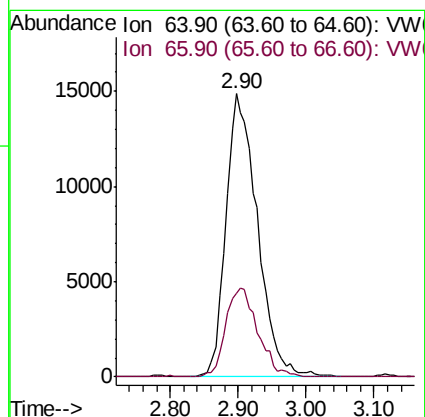
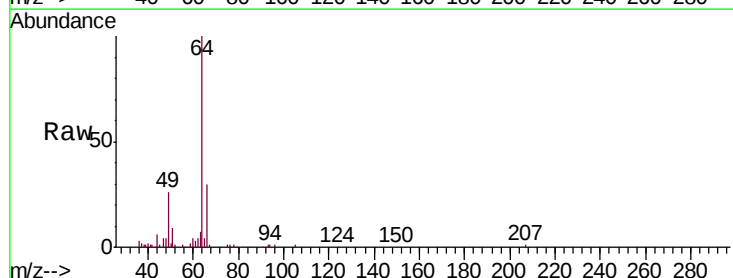
Acq: 09 Sep 2019 21:33

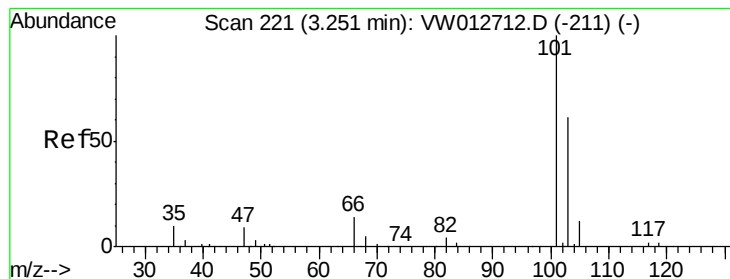
Tgt Ion: 64 Resp: 47539

Ion Ratio Lower Upper

64 100

66 29.8 23.8 35.6



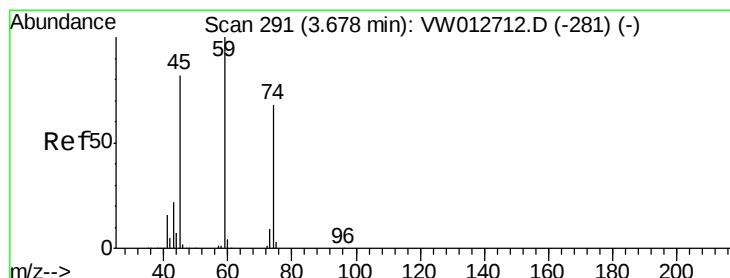
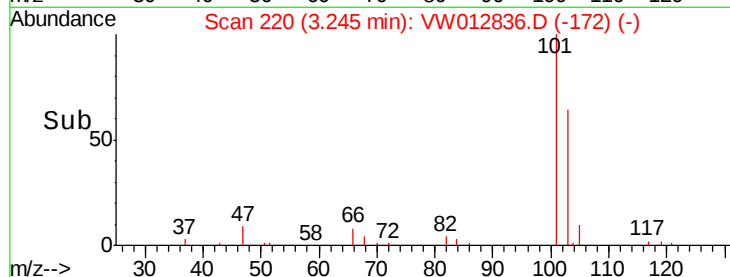
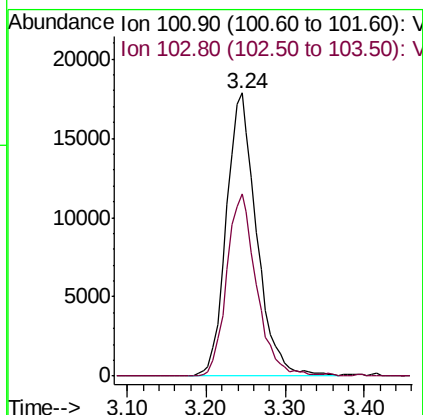
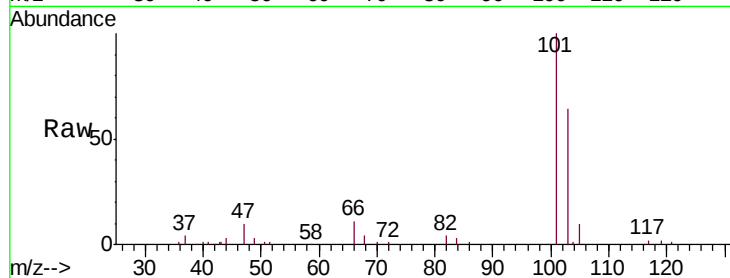


#7

Trichlorofluoromethane
 Concen: 42.113 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
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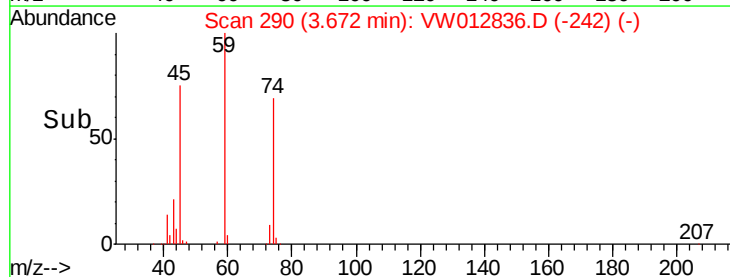
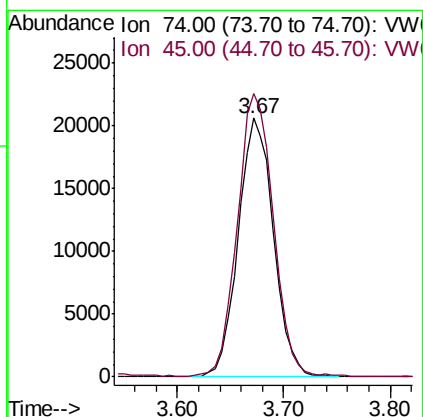
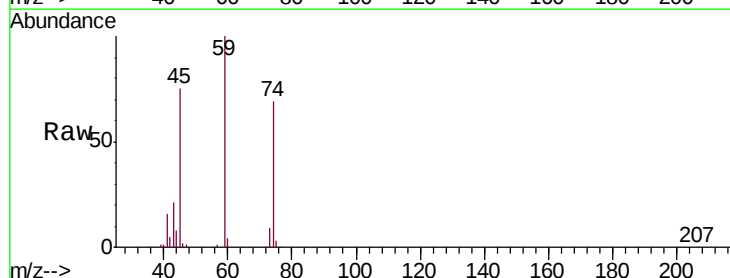
Tgt Ion:101 Resp: 47655
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.0 73.4

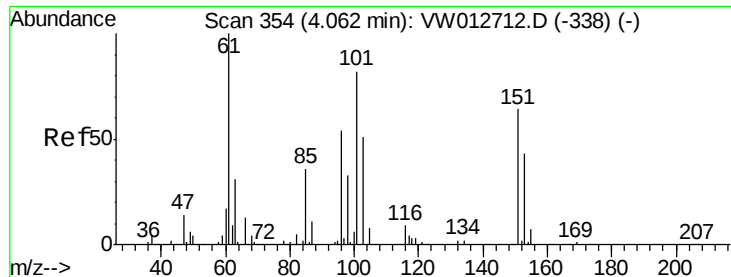


#8

Diethyl Ether
 Concen: 50.386 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012836.D
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Tgt Ion: 74 Resp: 47921
 Ion Ratio Lower Upper
 74 100
 45 112.3 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.761 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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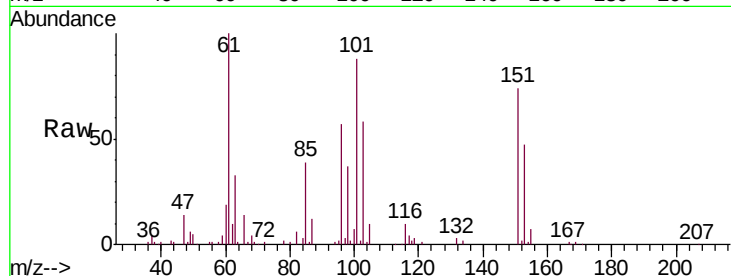
Tgt Ion:101 Resp: 84815

Ion Ratio Lower Upper

101 100

85 43.8 36.2 54.2

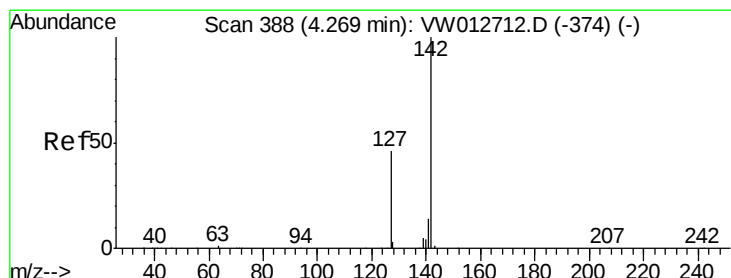
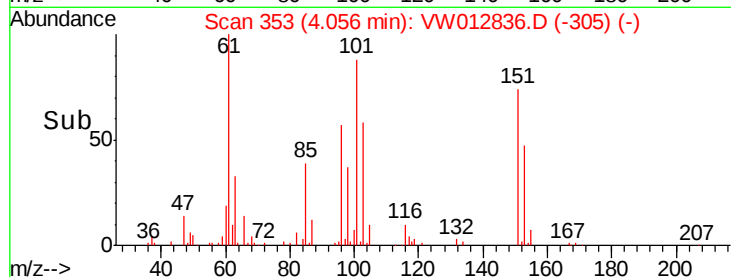
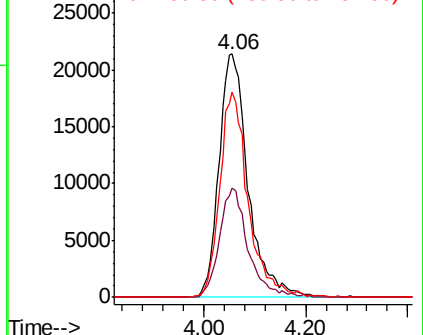
151 81.6 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.889 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

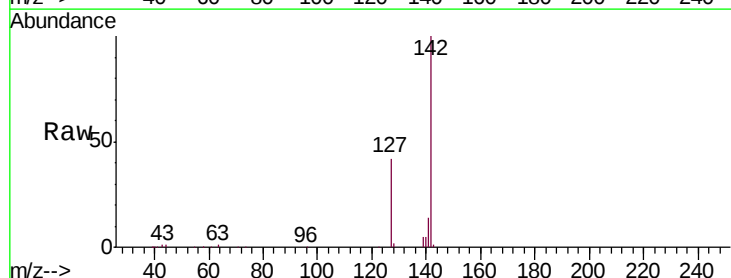
Tgt Ion:142 Resp: 107057

Ion Ratio Lower Upper

142 100

127 42.2 36.0 54.0

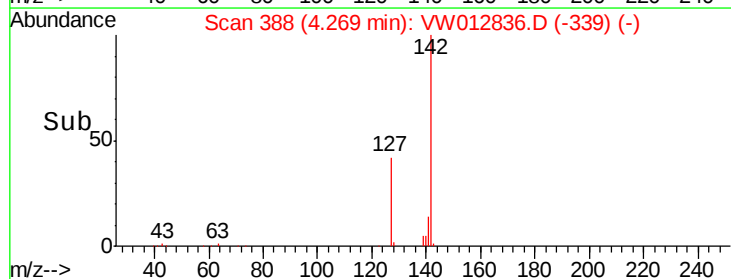
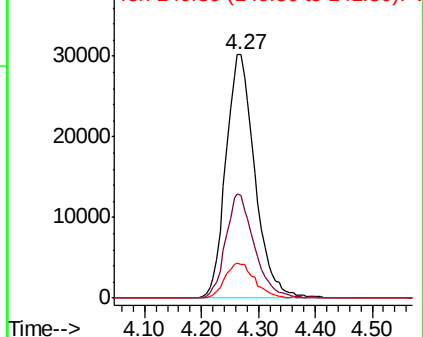
141 14.7 12.2 18.4

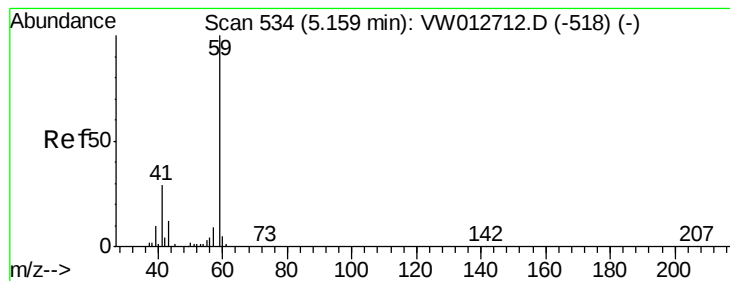


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



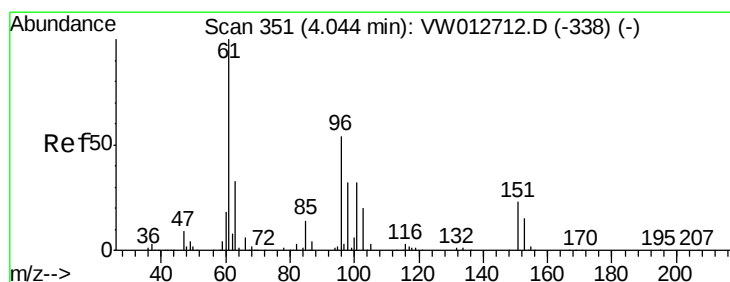
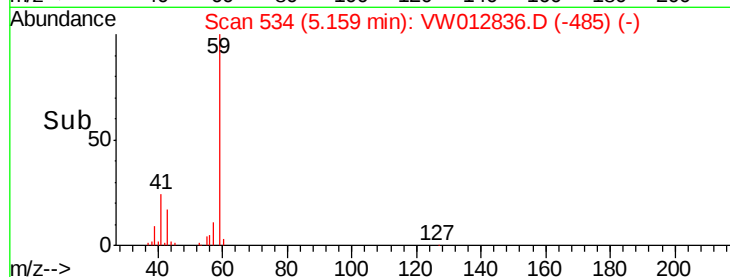
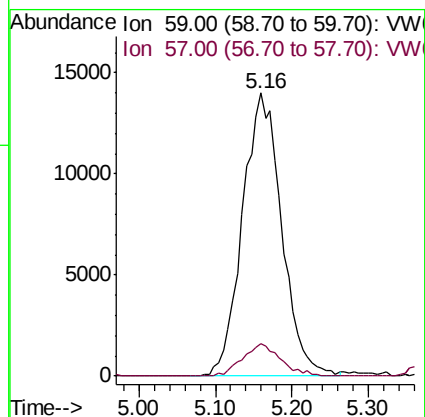
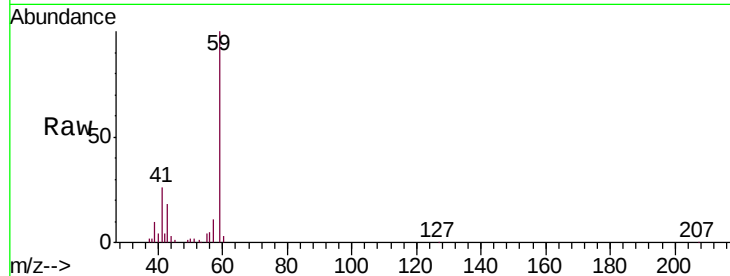


#11

Tert butyl alcohol
 Concen: 287.287 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

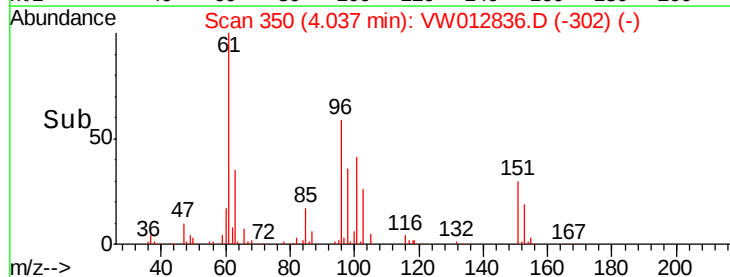
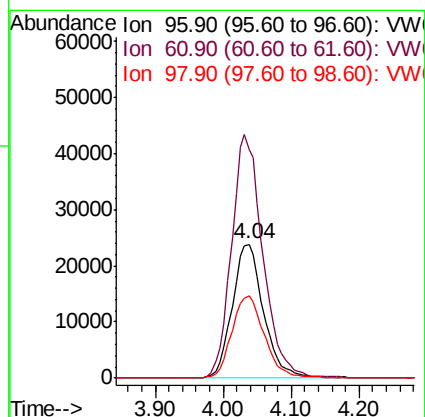
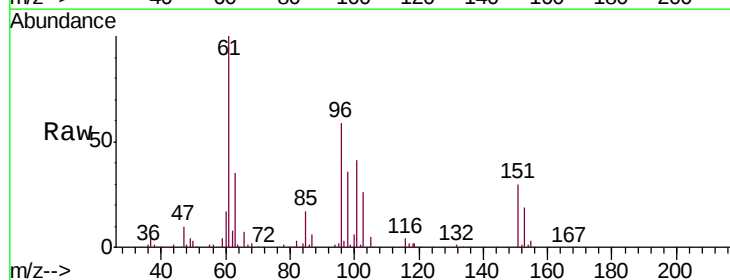
Tgt Ion: 59 Resp: 49854
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.4

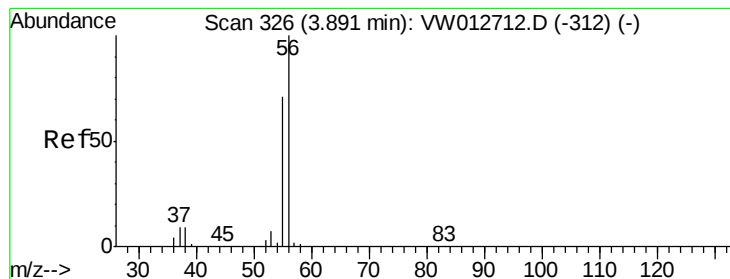


#12

1,1-Dichloroethene
 Concen: 45.499 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 96 Resp: 76273
 Ion Ratio Lower Upper
 96 100
 61 170.3 147.8 221.6
 98 61.7 47.9 71.9





#13

Acrolein

Concen: 238.092 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

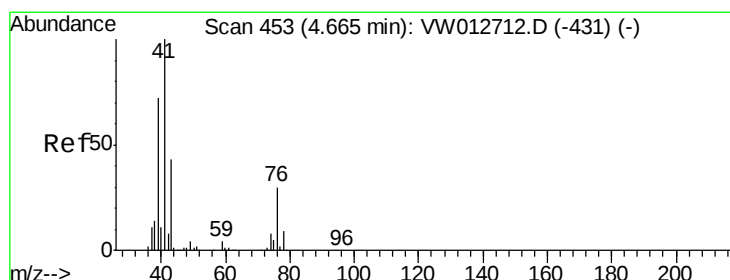
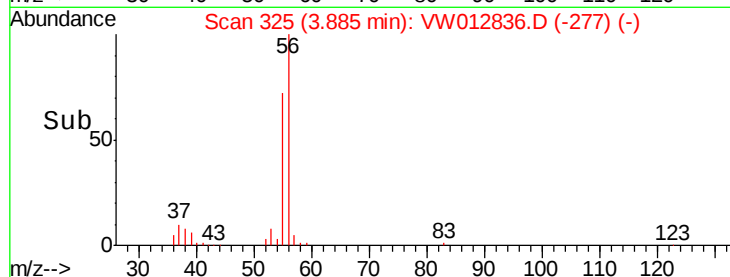
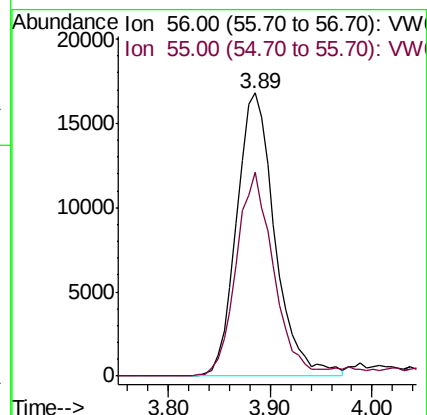
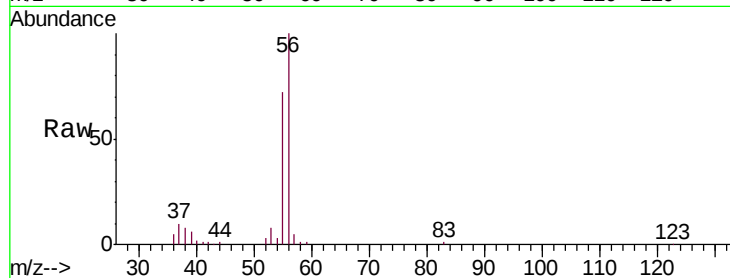
VSTDCCC050EC

Tgt Ion: 56 Resp: 43845

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 43.696 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

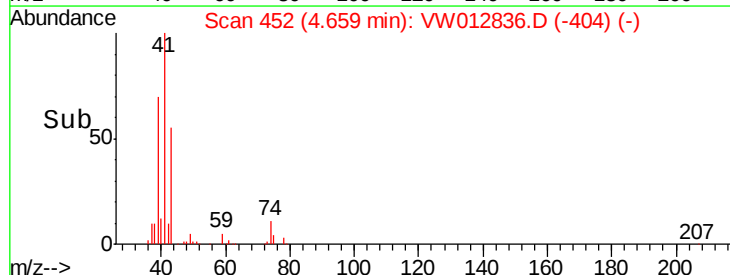
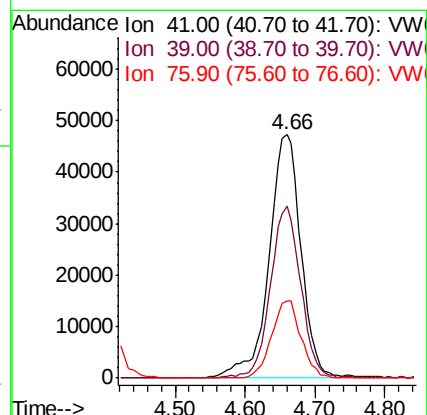
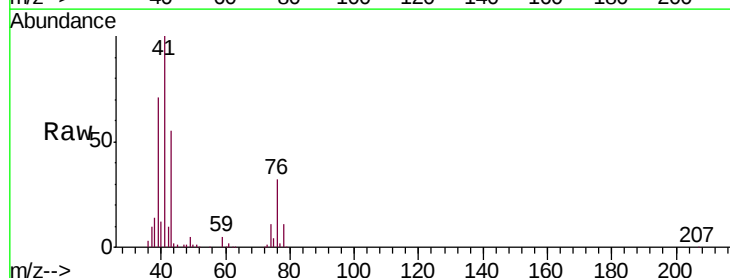
Tgt Ion: 41 Resp: 151531

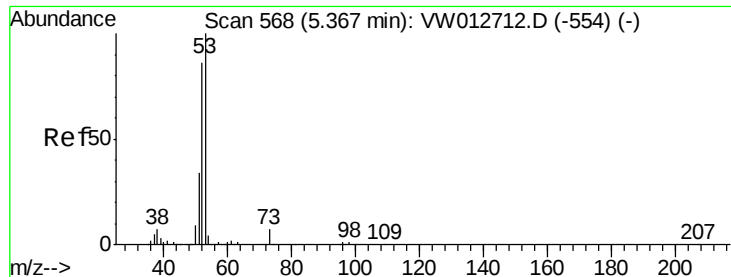
Ion Ratio Lower Upper

41 100

39 67.0 55.0 82.6

76 29.3 23.0 34.4





#15

Acrylonitrile

Concen: 272.669 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

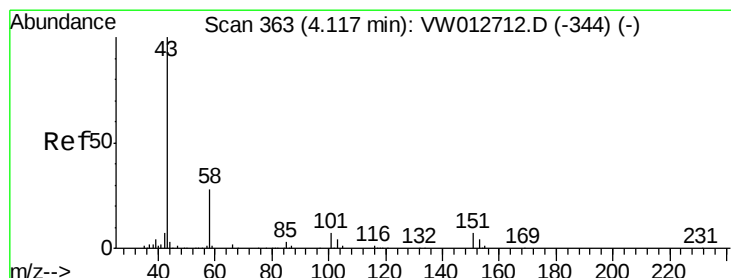
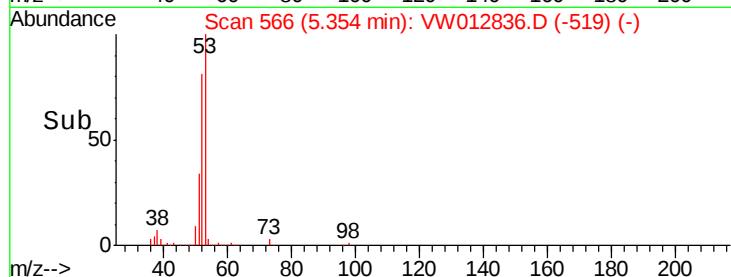
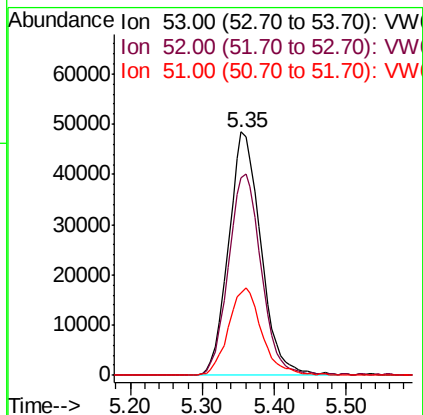
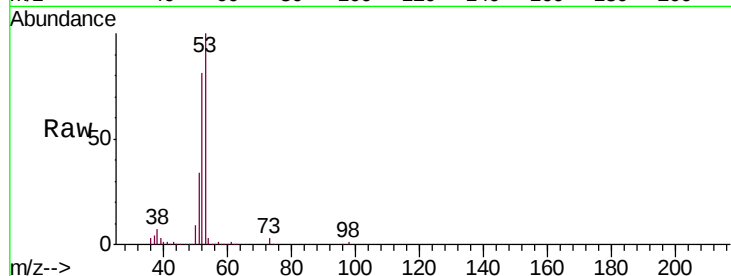
Tgt Ion: 53 Resp: 151469

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

51 37.1 29.8 44.8



#16

Acetone

Concen: 225.760 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012836.D

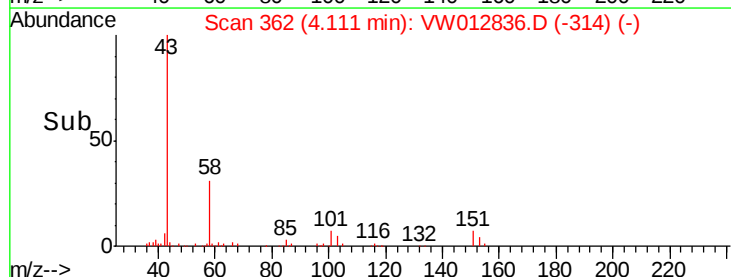
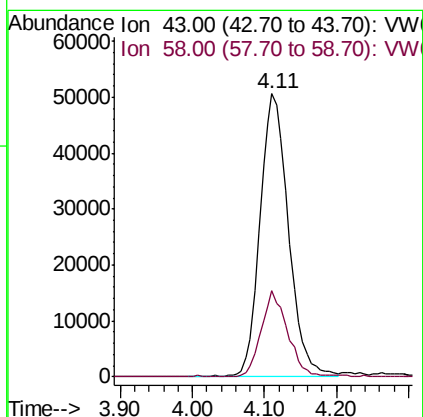
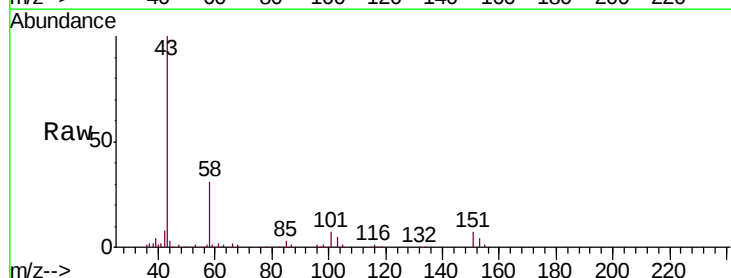
Acq: 09 Sep 2019 21:33

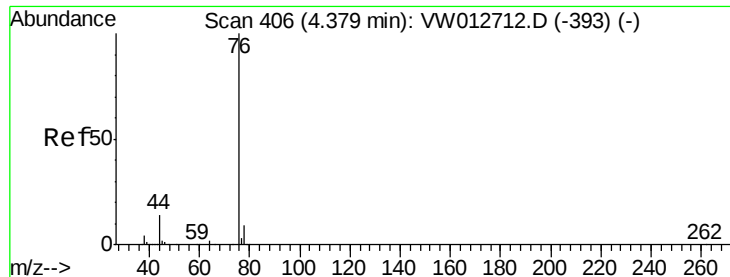
Tgt Ion: 43 Resp: 139594

Ion Ratio Lower Upper

43 100

58 30.2 22.6 33.8

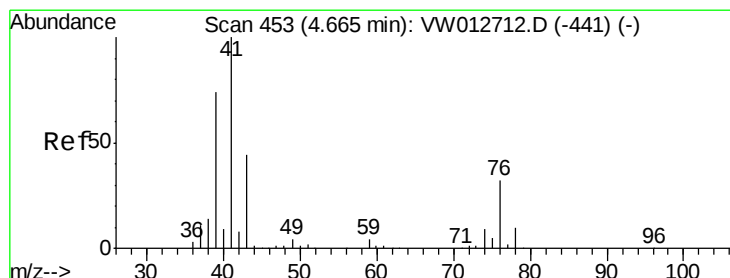
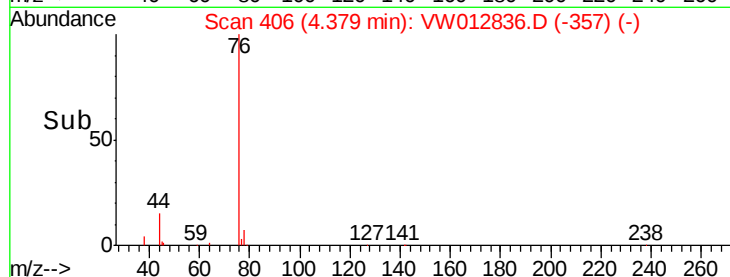
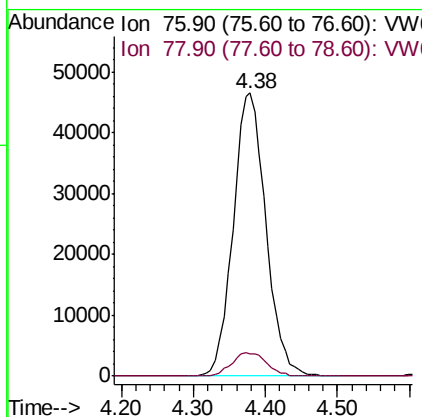
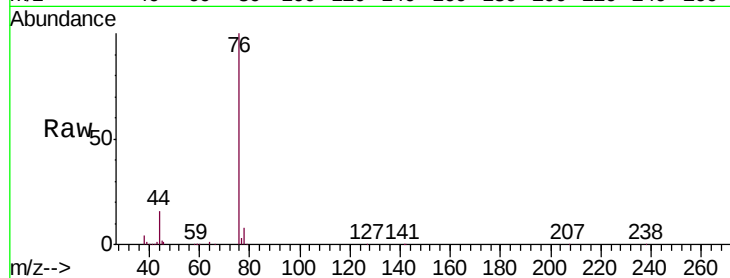




#17
Carbon Disulfide
Concen: 41.074 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

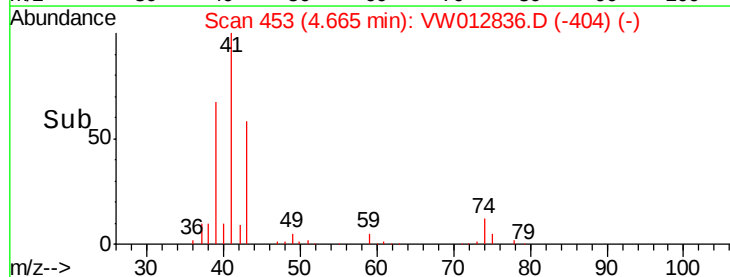
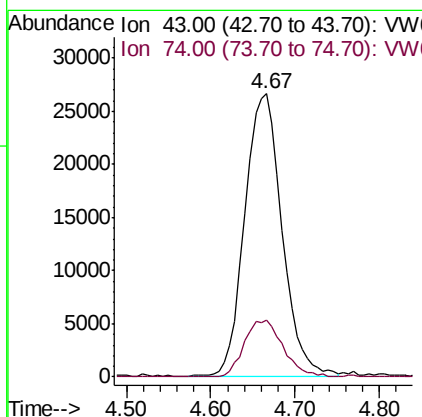
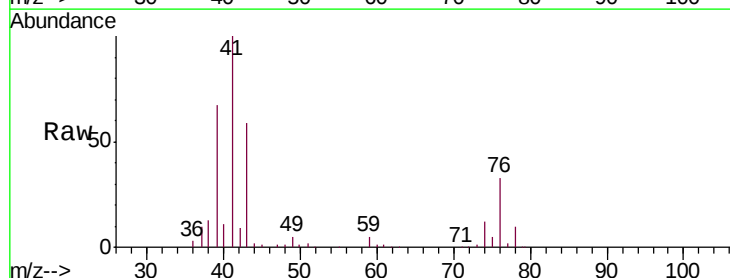
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

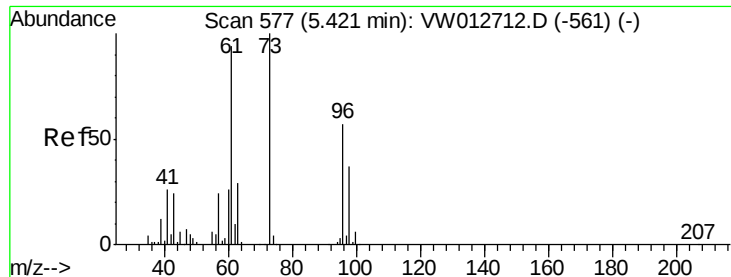
Tgt Ion: 76 Resp: 146154
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#18
Methyl Acetate
Concen: 55.077 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 43 Resp: 79901
Ion Ratio Lower Upper
43 100
74 20.9 15.8 23.6

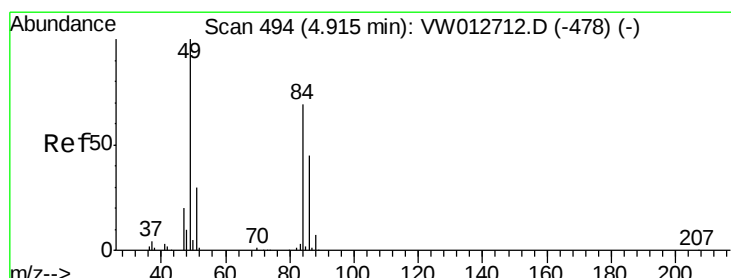
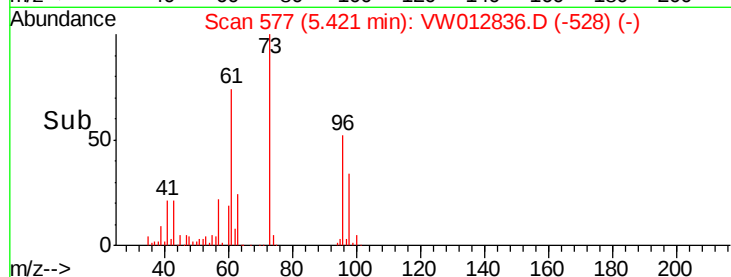
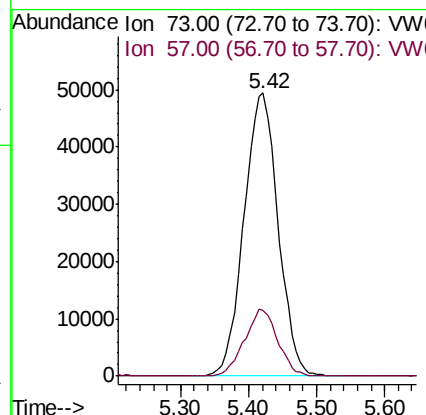
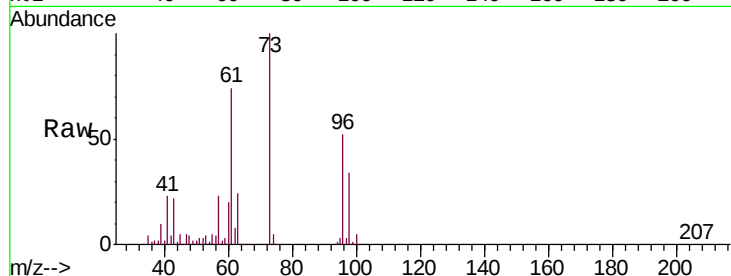




#19
Methyl tert-butyl Ether
Concen: 51.899 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

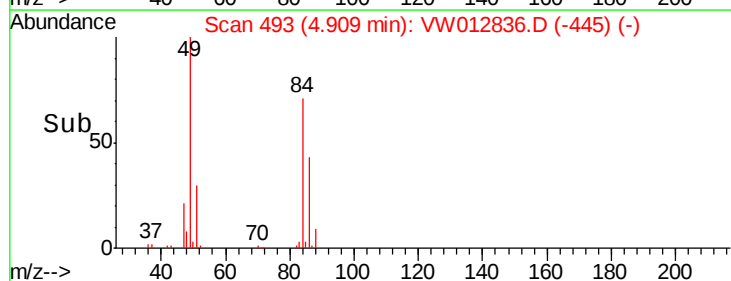
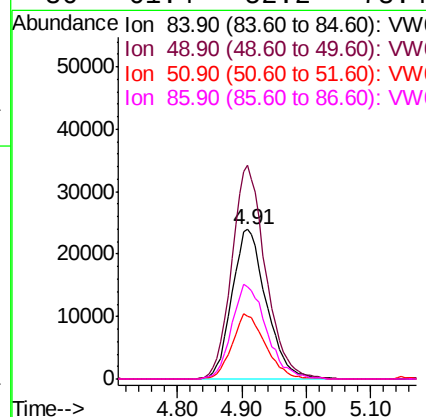
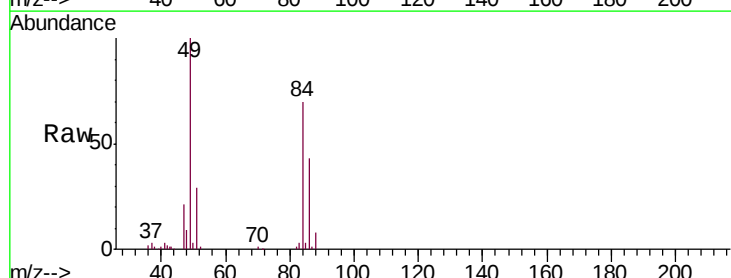
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

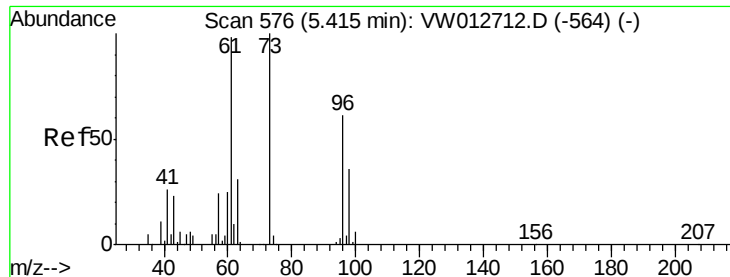
Tgt Ion: 73 Resp: 172542
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 46.109 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 84 Resp: 89196
Ion Ratio Lower Upper
84 100
49 142.8 115.4 173.0
51 42.1 34.9 52.3
86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.849 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

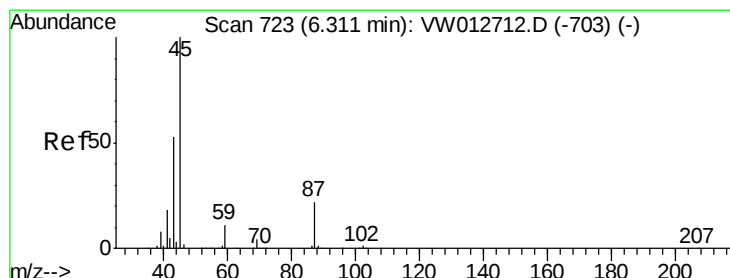
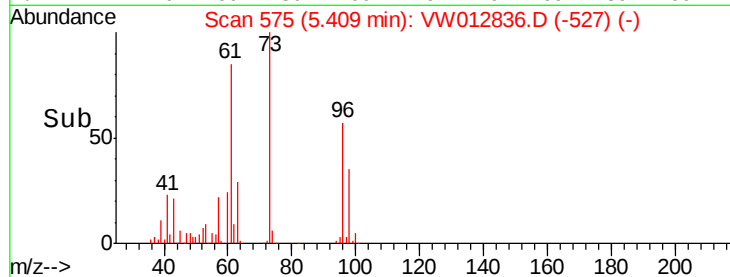
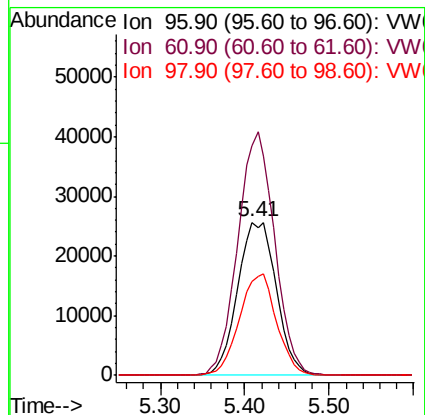
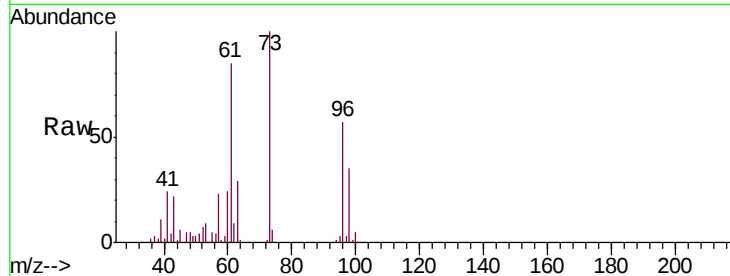
Tgt Ion: 96 Resp: 80134

Ion Ratio Lower Upper

96 100

61 149.9 129.2 193.8

98 61.4 48.0 72.0



#22

Diisopropyl ether

Concen: 48.172 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion: 45 Resp: 331320

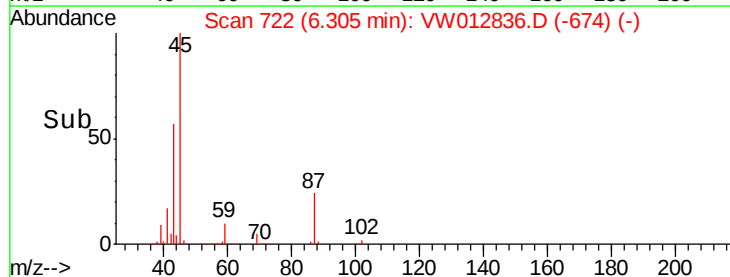
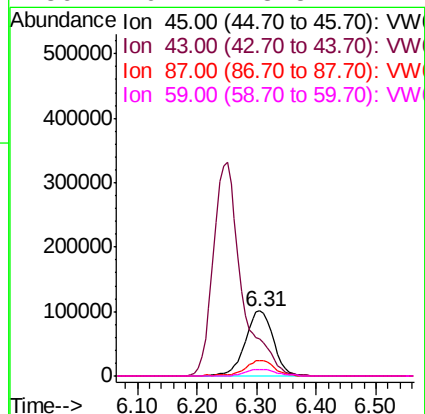
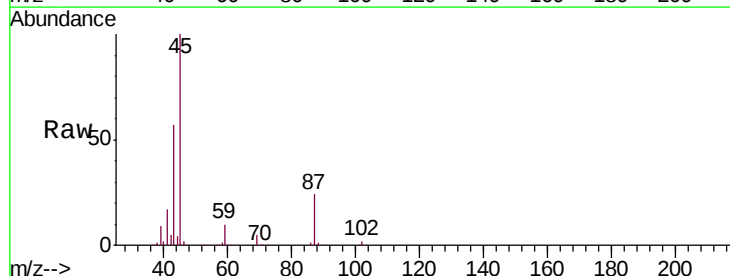
Ion Ratio Lower Upper

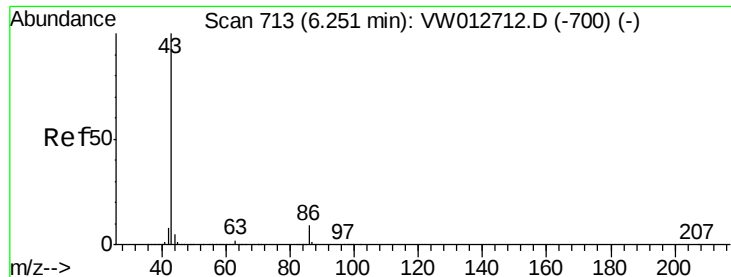
45 100

43 56.3 42.3 63.5

87 24.4 18.2 27.2

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 250.632 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

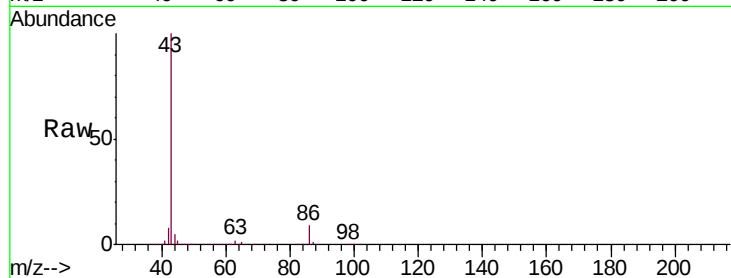
VSTDCCC050EC

Tgt Ion: 43 Resp: 1092465

Ion Ratio Lower Upper

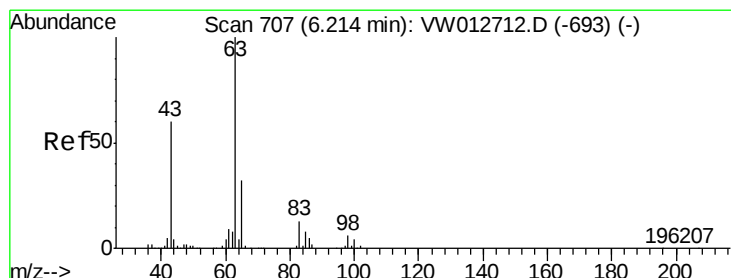
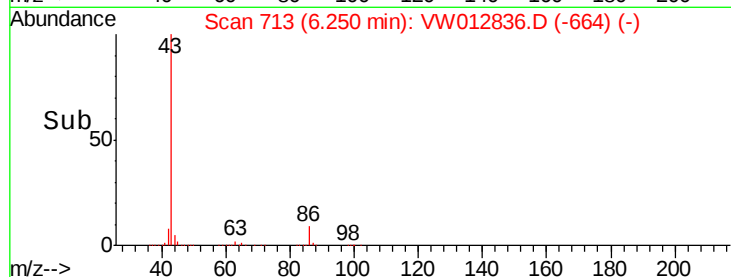
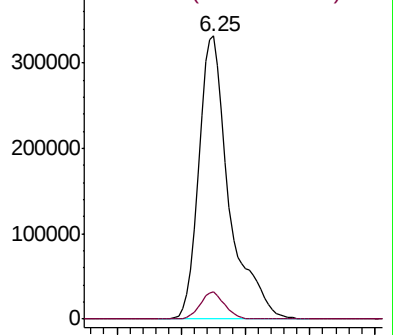
43 100

86 9.5 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: 46.526 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

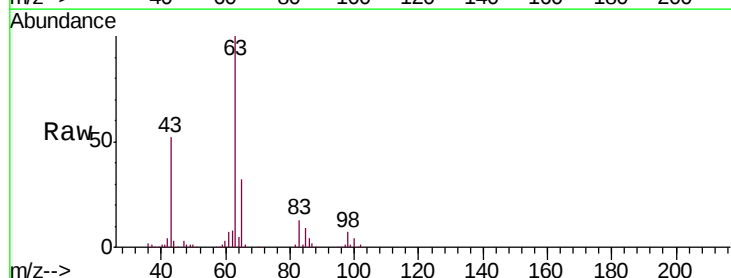
Tgt Ion: 63 Resp: 172301

Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

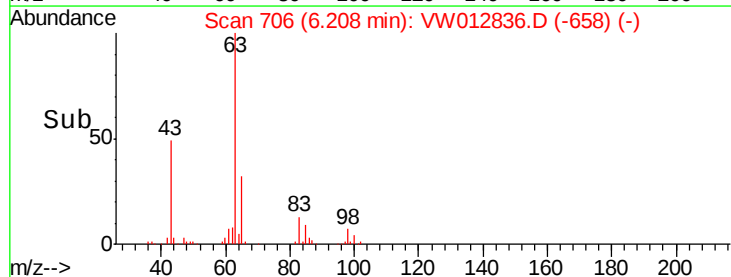
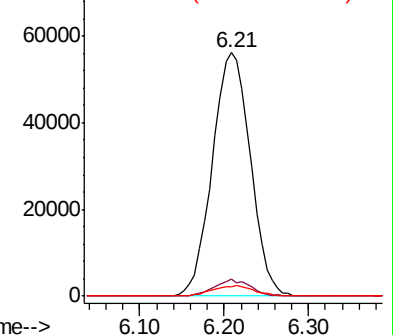
100 4.1 1.8 5.5

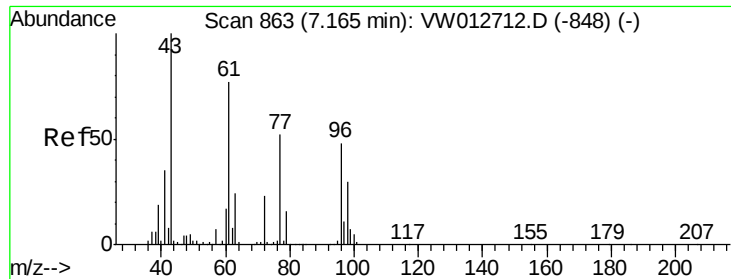


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

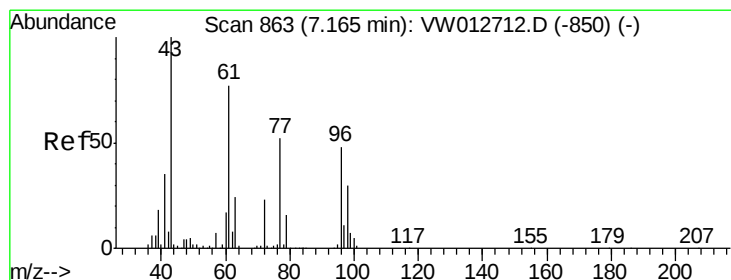
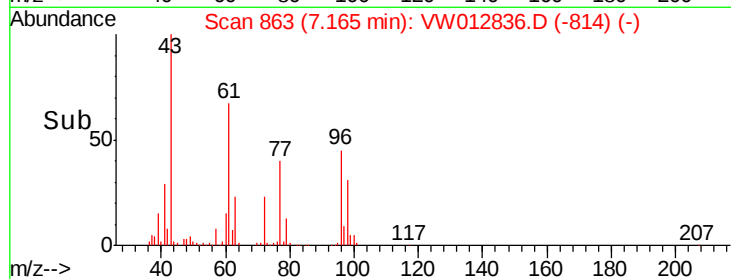
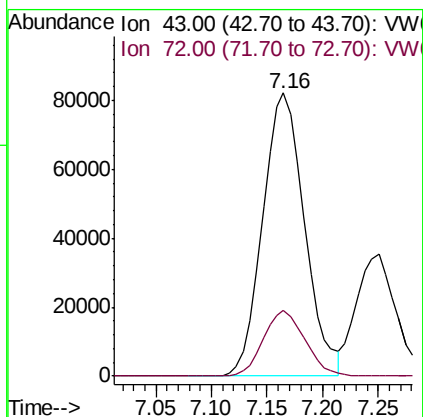
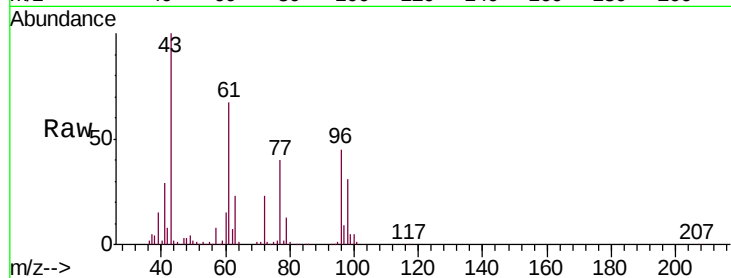




#25
2-Butanone
Concen: 237.062 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

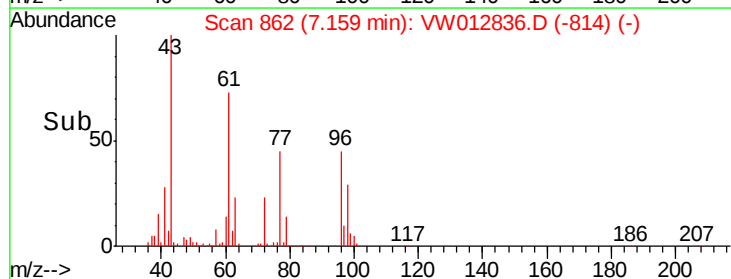
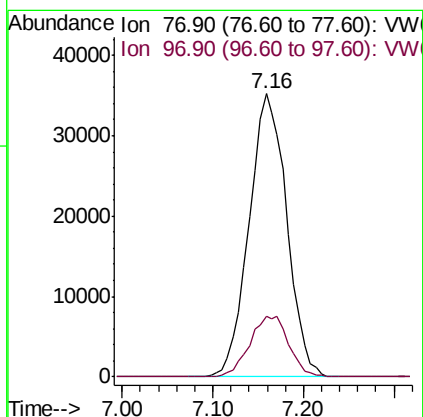
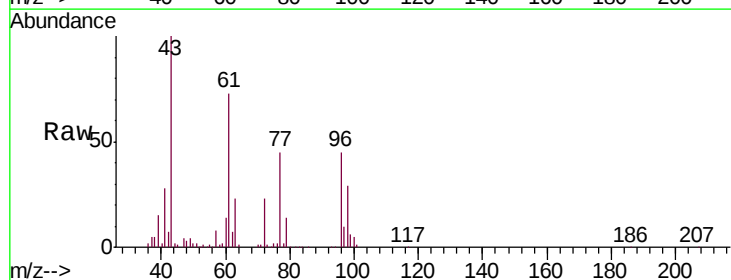
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

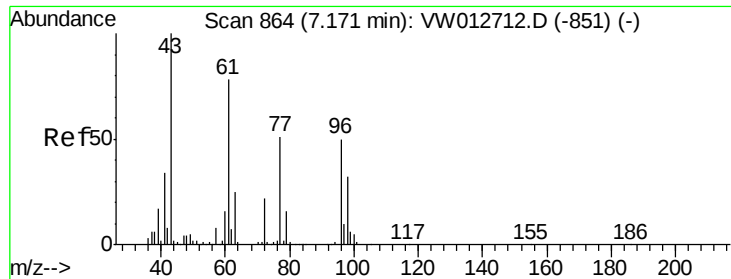
Tgt Ion: 43 Resp: 214823
Ion Ratio Lower Upper
43 100
72 23.0 18.0 27.0



#26
2,2-Dichloropropane
Concen: 43.205 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 77 Resp: 101056
Ion Ratio Lower Upper
77 100
97 22.2 10.7 32.1



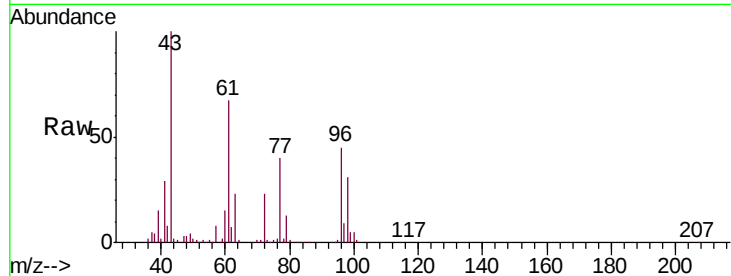


#27

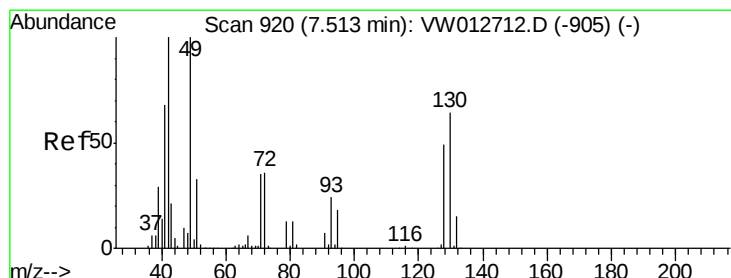
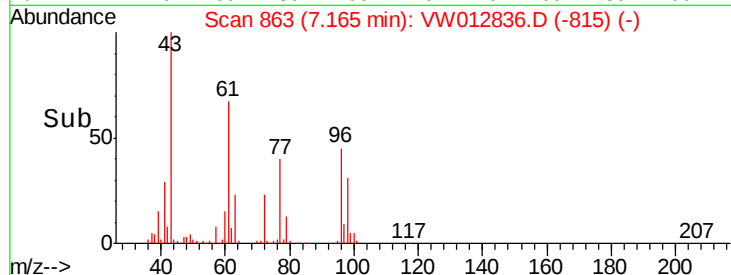
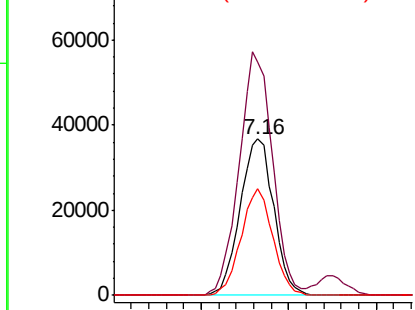
cis-1,2-Dichloroethene
 Concen: 49.376 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 97929
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 325.8
 98 64.6 0.0 127.0



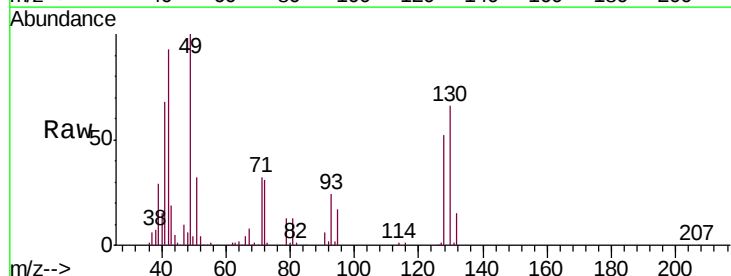
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



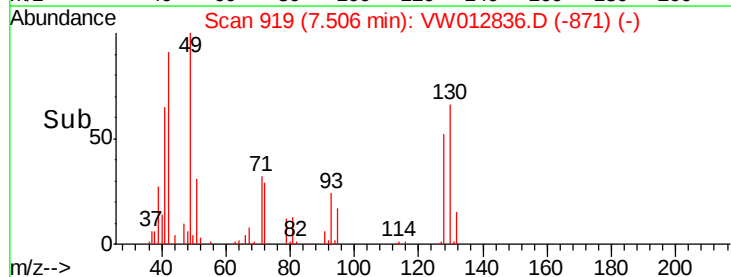
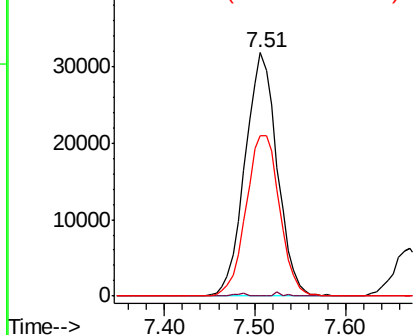
#28

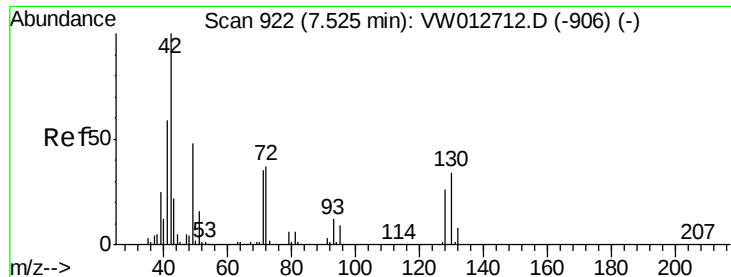
Bromochloromethane
 Concen: 45.936 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 49 Resp: 78113
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 0.8
 130 69.0 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

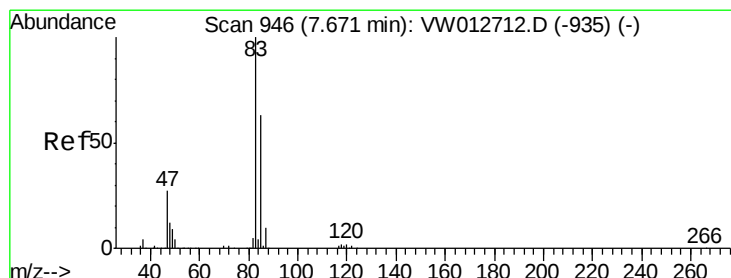
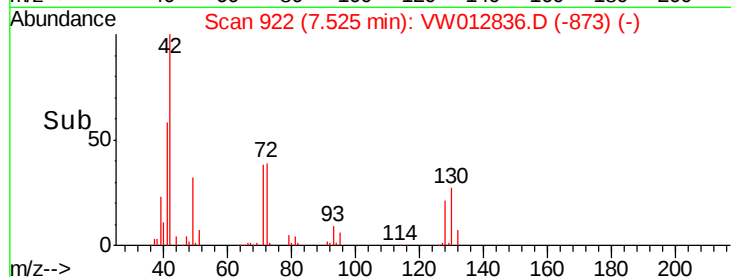
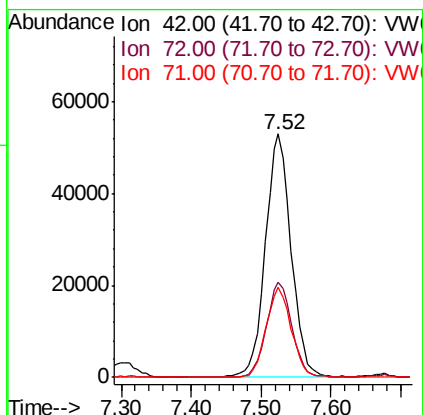
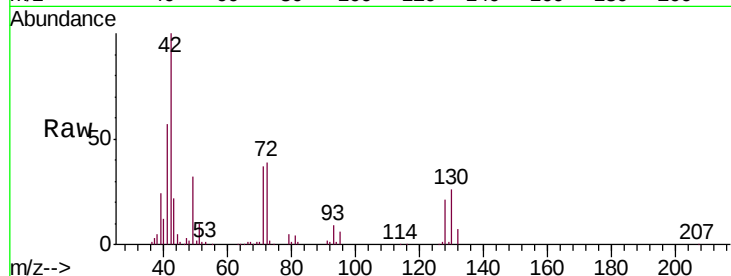




#29
Tetrahydrofuran
Concen: 271.328 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

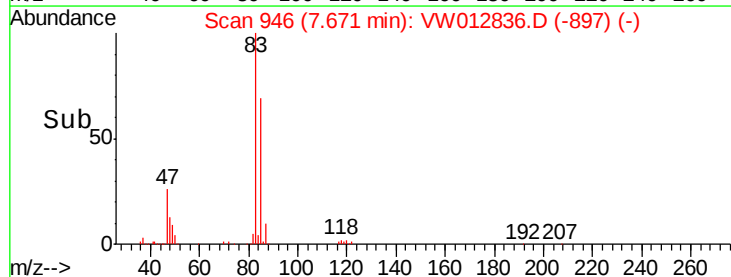
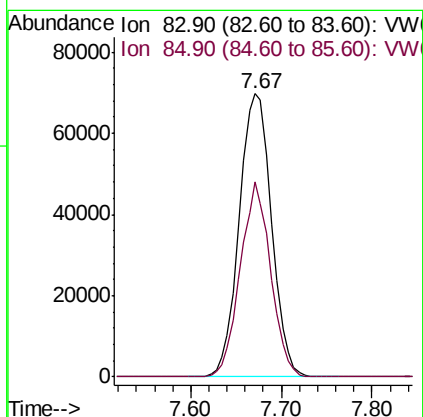
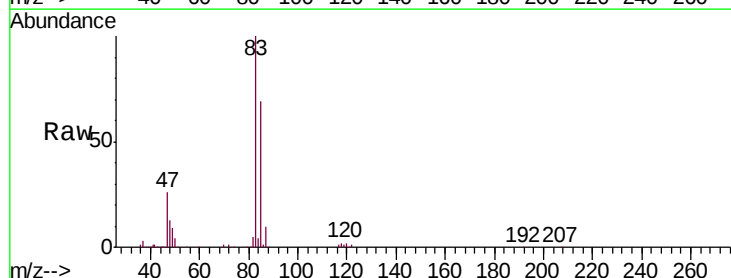
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

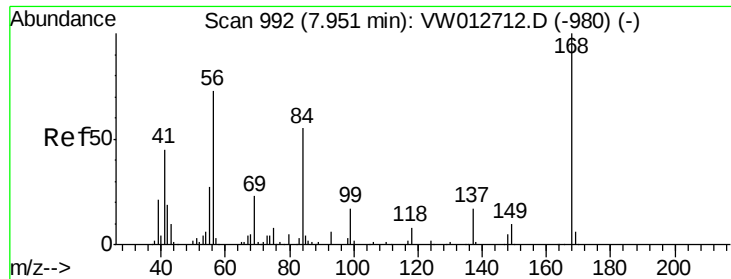
Tgt Ion: 42 Resp: 135481
Ion Ratio Lower Upper
42 100
72 38.6 28.4 42.6
71 36.4 27.1 40.7



#30
Chloroform
Concen: 46.882 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 83 Resp: 172067
Ion Ratio Lower Upper
83 100
85 68.7 50.6 76.0

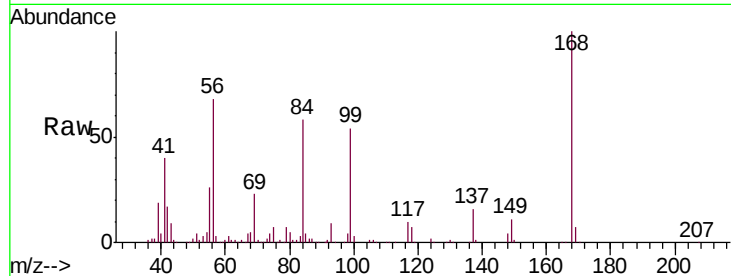




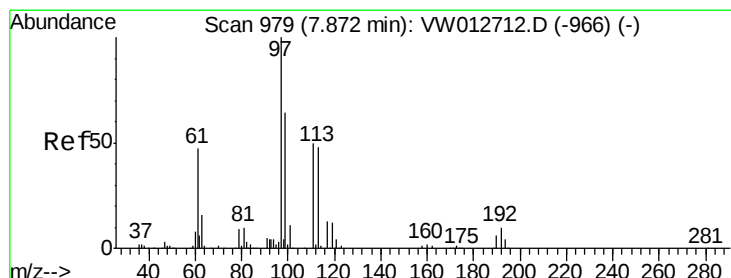
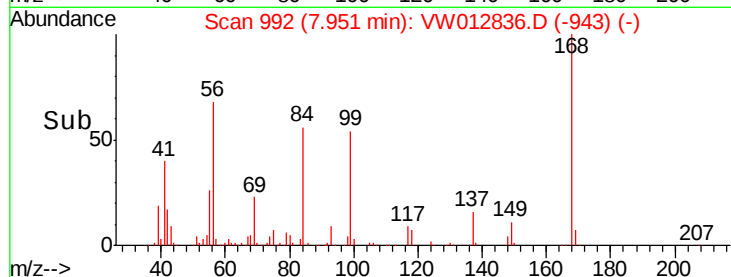
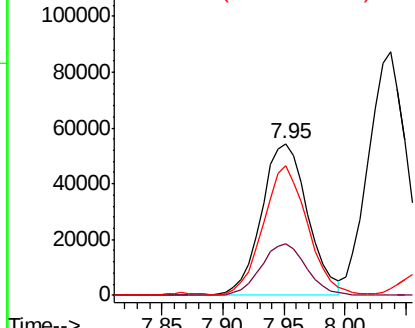
#31
Cyclohexane
Concen: 42.863 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 142905
Ion Ratio Lower Upper
56 100
69 34.1 25.7 38.5
84 83.7 60.4 90.6

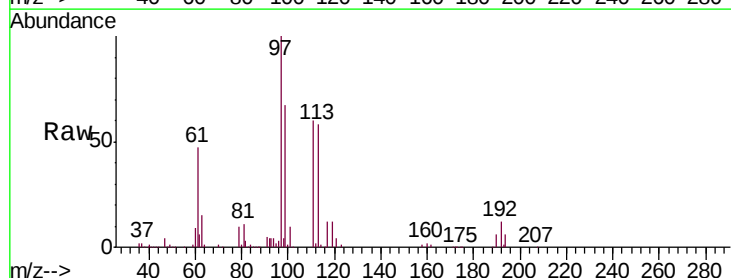


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

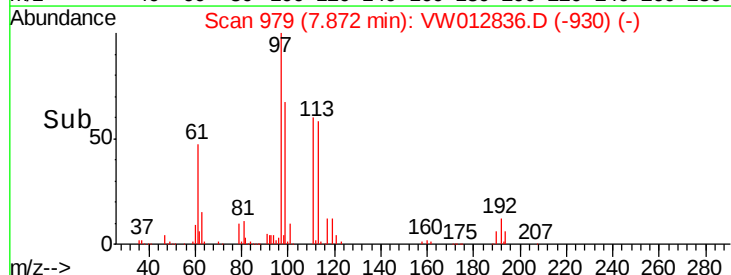
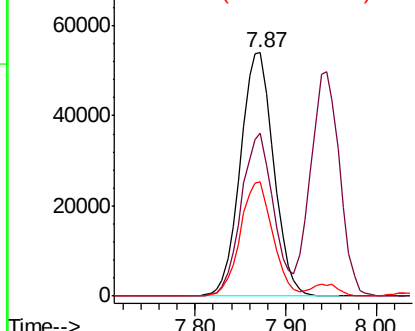


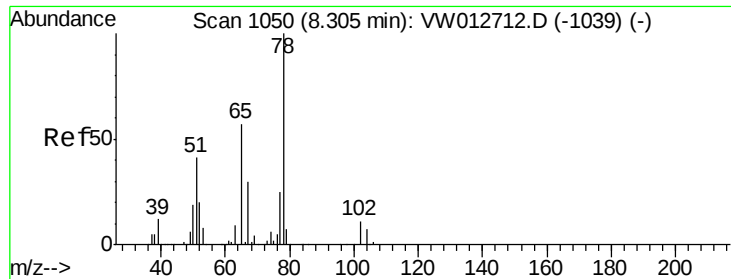
#32
1,1,1-Trichloroethane
Concen: 46.420 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 97 Resp: 138102
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 45.8 37.9 56.9



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





#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

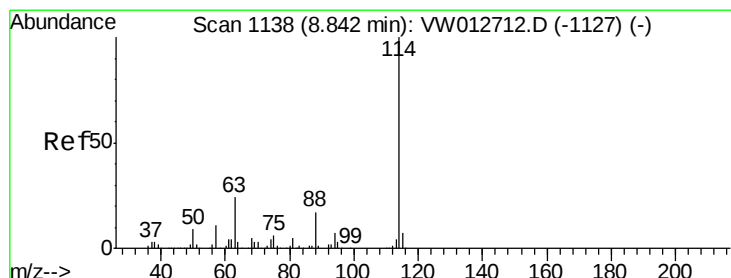
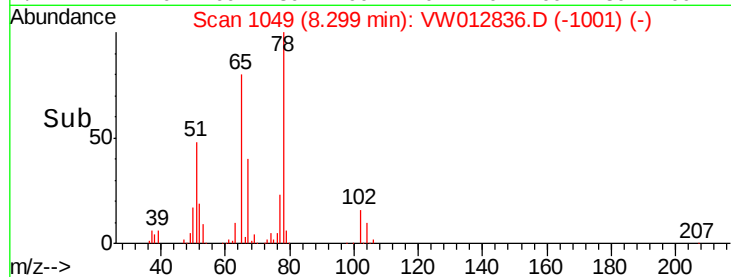
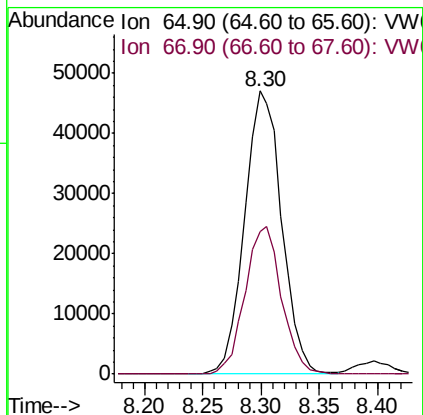
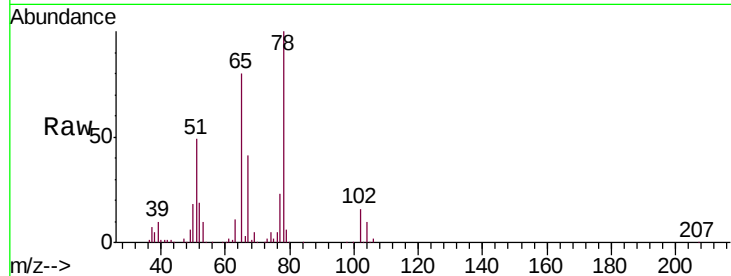
VSTDCCC050EC

Tgt Ion: 65 Resp: 104812

Ion Ratio Lower Upper

65 100

67 51.4 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: VW012836.D

Acq: 09 Sep 2019 21:33

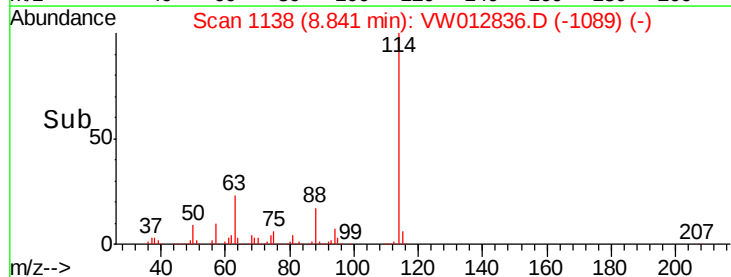
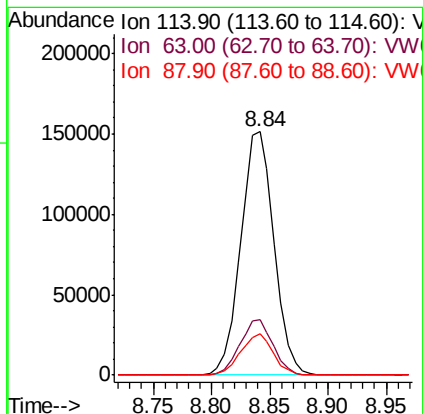
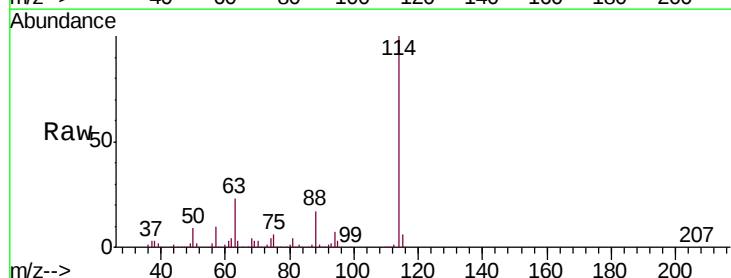
Tgt Ion: 114 Resp: 300482

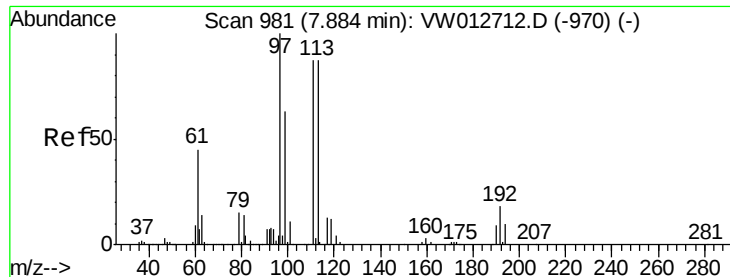
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

88 17.2 0.0 34.0

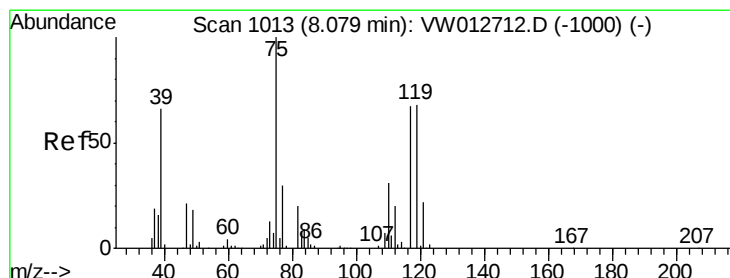
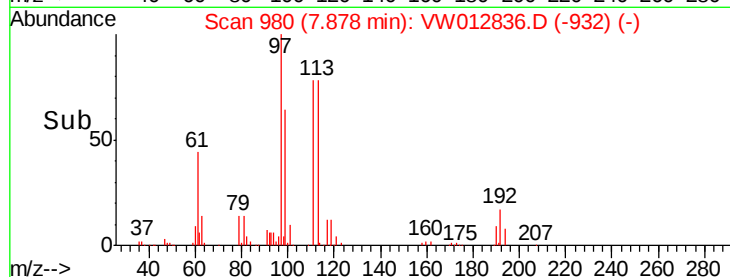
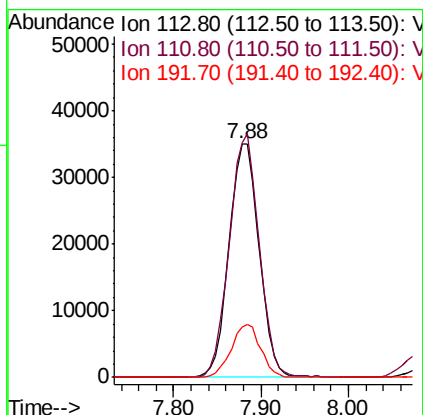
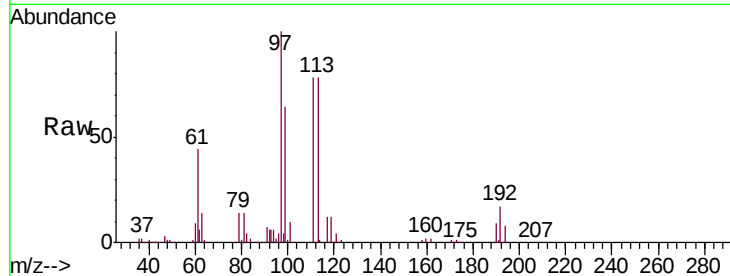




#35
 Dibromofluoromethane
 Concen: 47.135 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

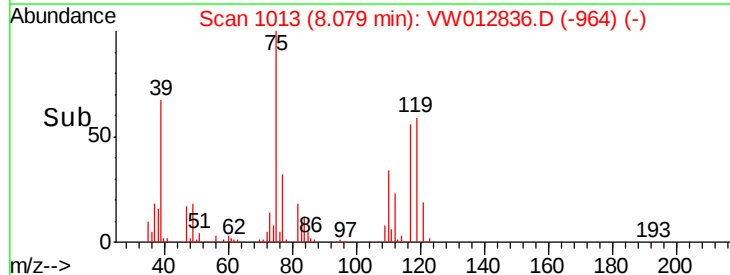
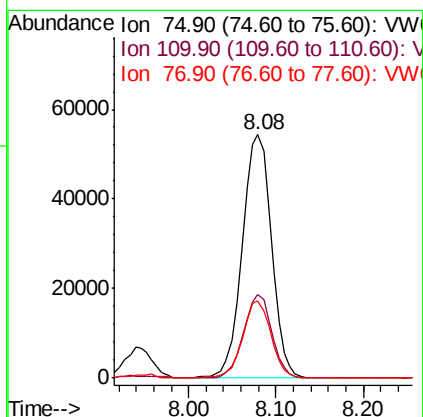
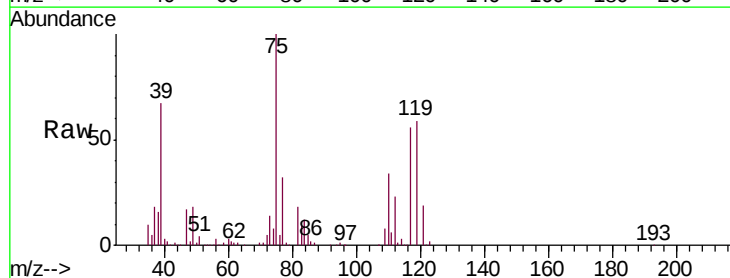
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

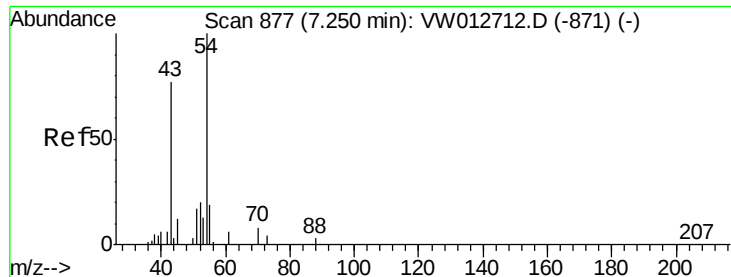
Tgt Ion: 113 Resp: 84204
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.2 120.4
 192 22.1 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 47.361 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 75 Resp: 126446
 Ion Ratio Lower Upper
 75 100
 110 33.0 15.9 47.7
 77 30.7 25.0 37.4

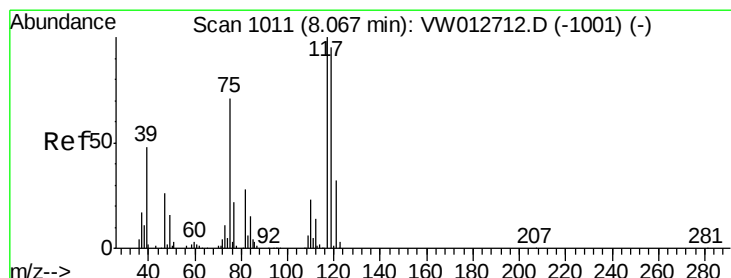
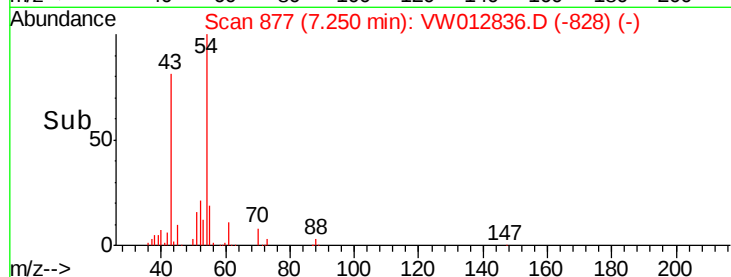
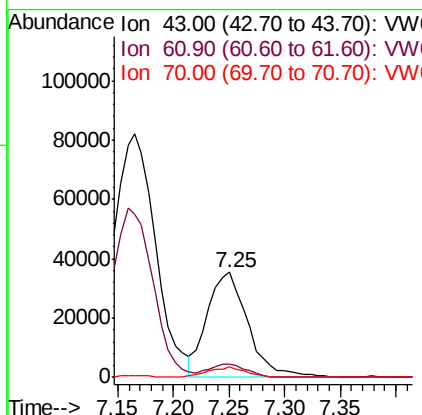
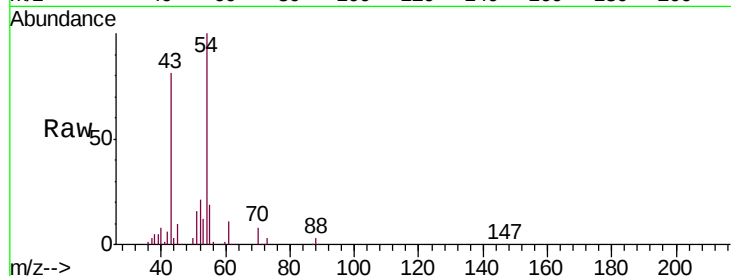




#37
 Ethyl Acetate
 Concen: 52.136 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

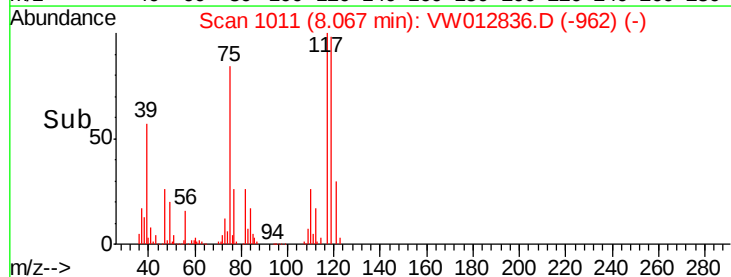
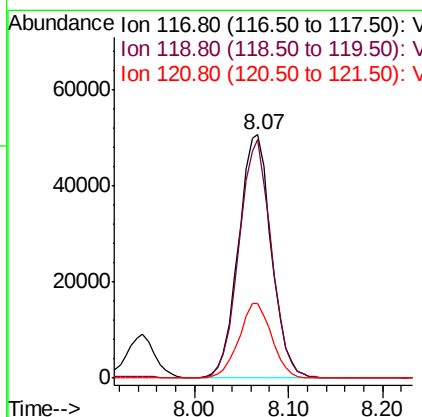
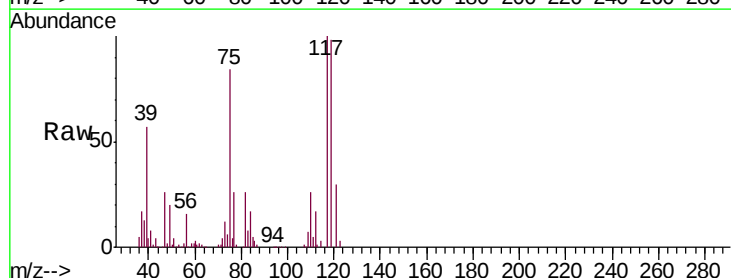
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

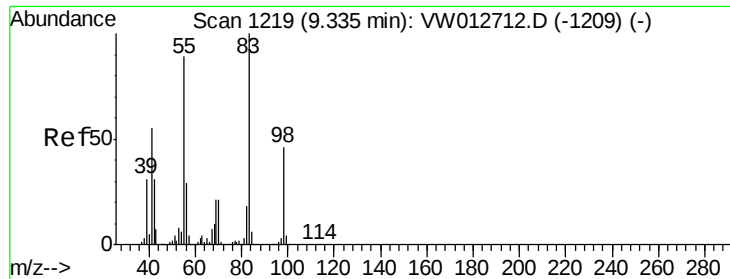
Tgt Ion: 43 Resp: 88733
 Ion Ratio Lower Upper
 43 100
 61 12.2 9.5 14.3
 70 9.4 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 46.959 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 117 Resp: 123588
 Ion Ratio Lower Upper
 117 100
 119 98.1 76.2 114.2
 121 30.4 25.4 38.2

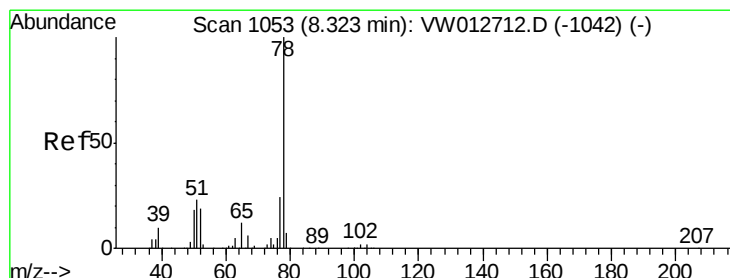
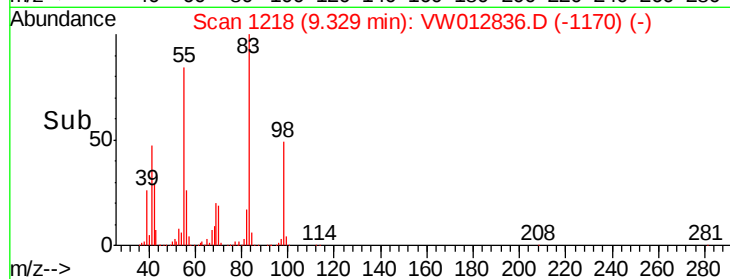
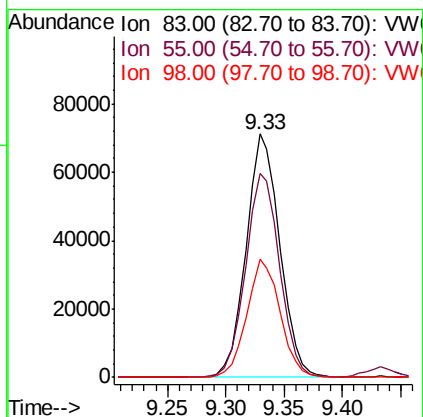
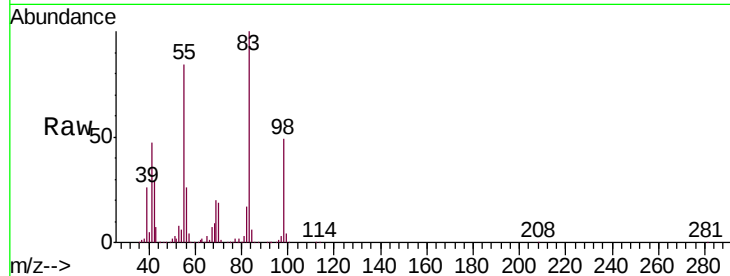




#39
Methylcyclohexane
Concen: 47.725 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

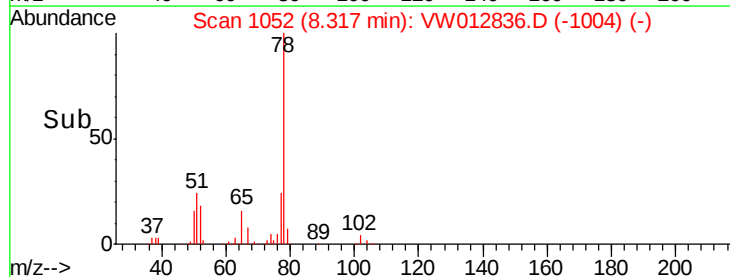
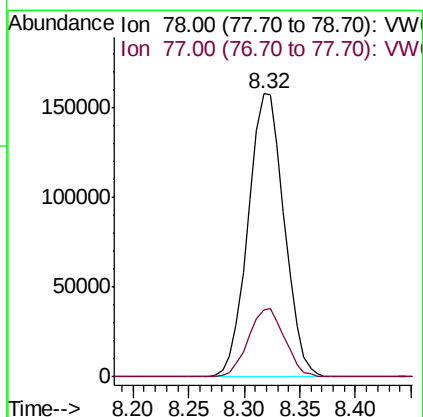
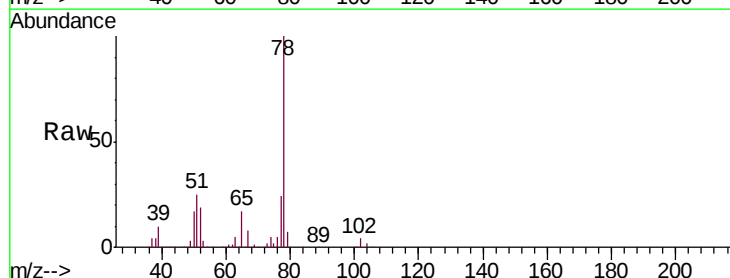
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

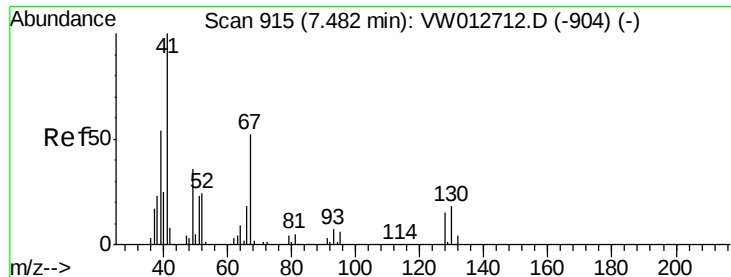
Tgt Ion: 83 Resp: 143109
Ion Ratio Lower Upper
83 100
55 83.6 71.0 106.4
98 48.8 36.9 55.3



#40
Benzene
Concen: 48.317 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 78 Resp: 357911
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41

Methacrylonitrile

Concen: 52.151 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 60543

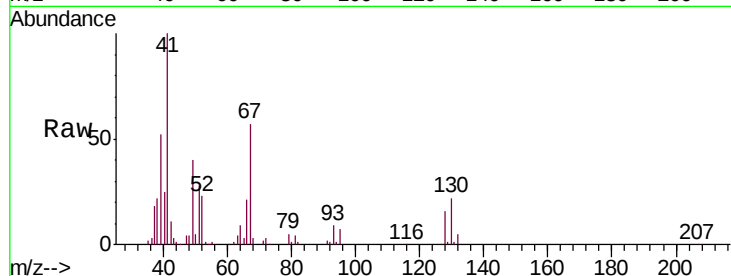
Ion Ratio Lower Upper

41 100

39 52.6 47.5 71.3

67 56.9 45.1 67.7

52 24.6 20.2 30.2

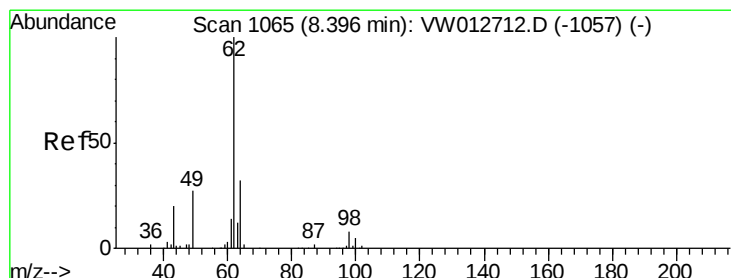
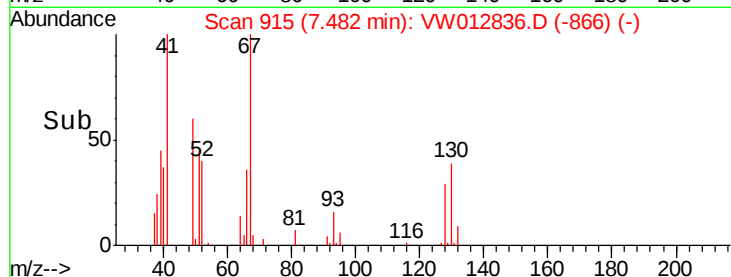
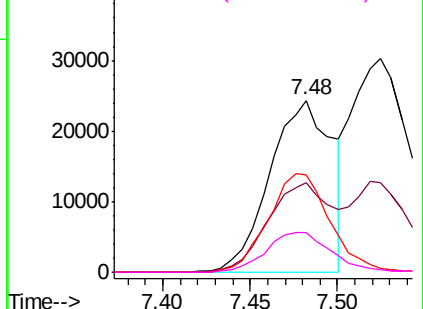


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 48.964 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012836.D

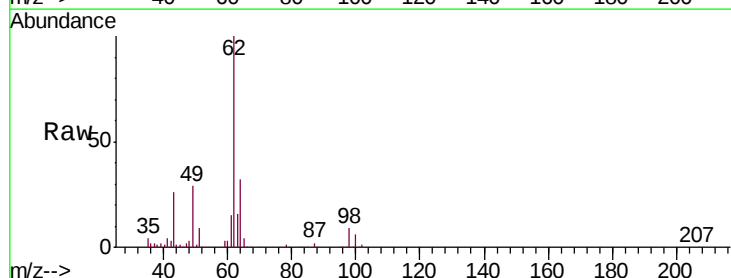
Acq: 09 Sep 2019 21:33

Tgt Ion: 62 Resp: 127648

Ion Ratio Lower Upper

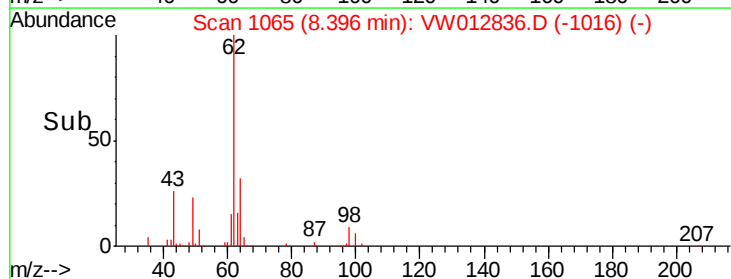
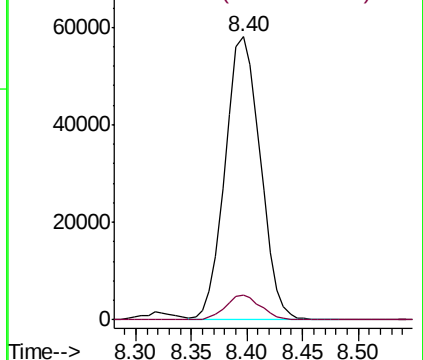
62 100

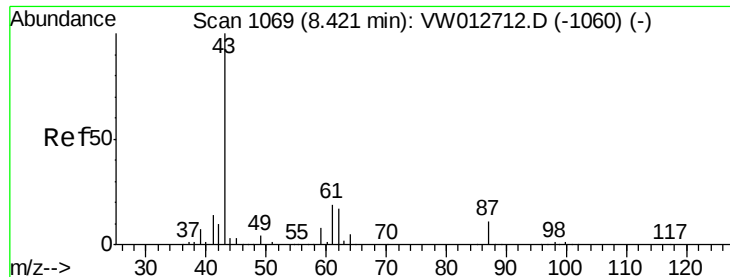
98 8.8 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.187 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

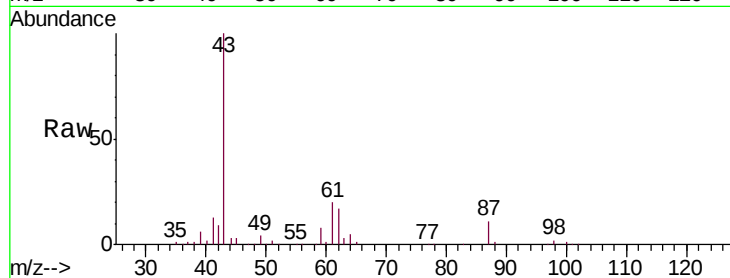
Tgt Ion: 43 Resp: 171500

Ion Ratio Lower Upper

43 100

61 26.6 20.6 30.8

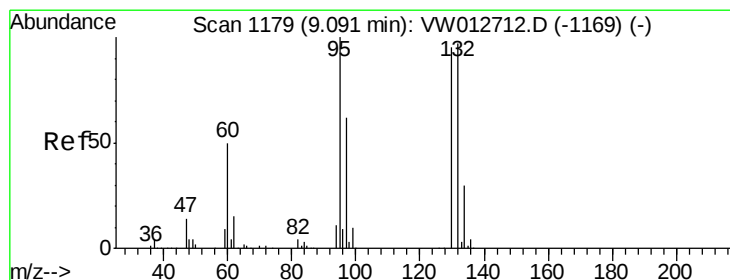
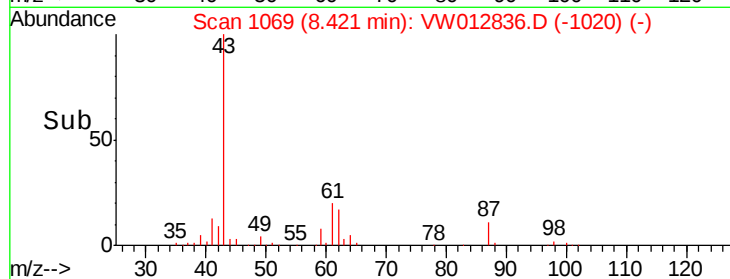
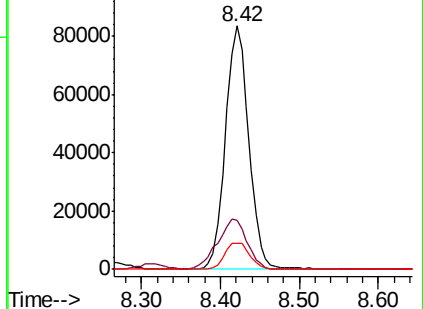
87 11.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.185 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012836.D

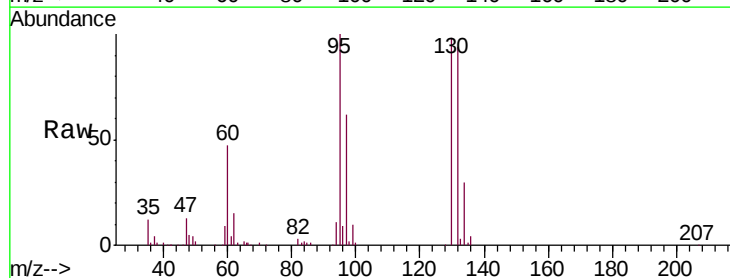
Acq: 09 Sep 2019 21:33

Tgt Ion: 130 Resp: 93917

Ion Ratio Lower Upper

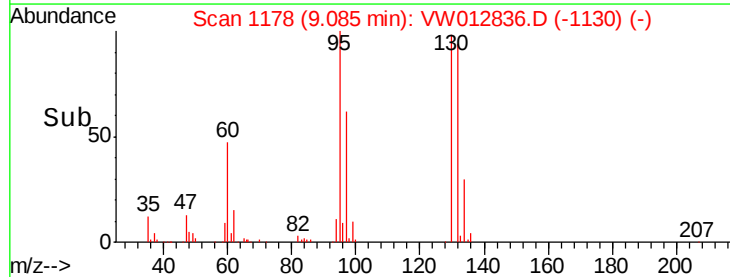
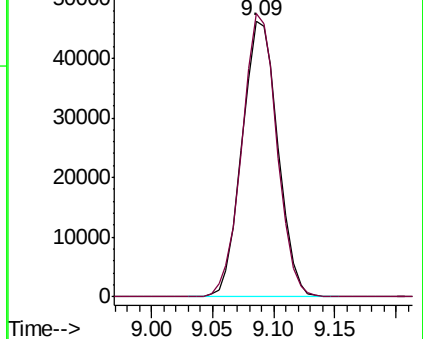
130 100

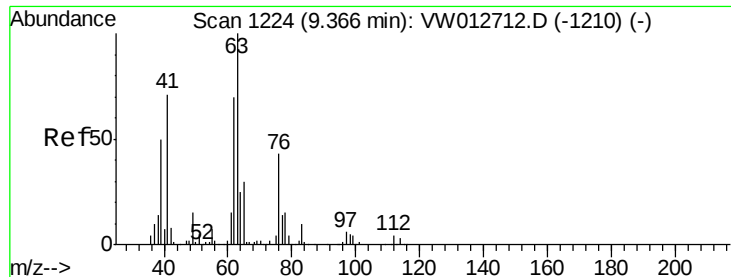
95 102.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

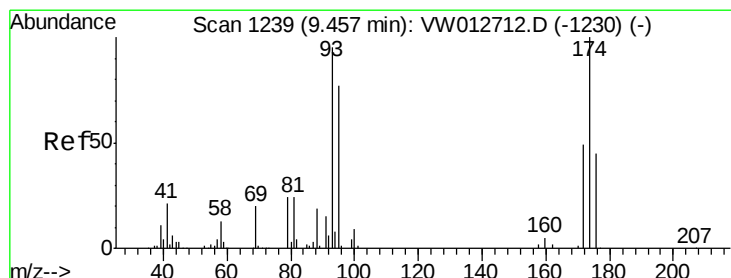
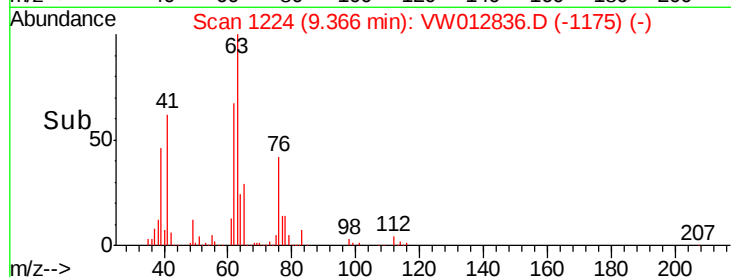
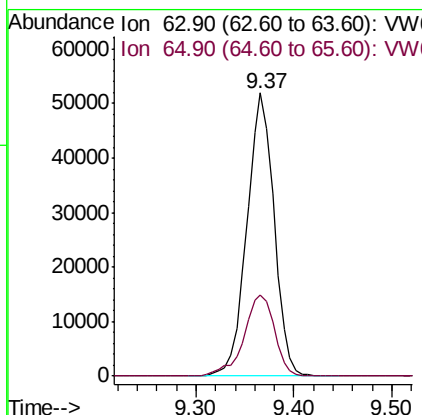
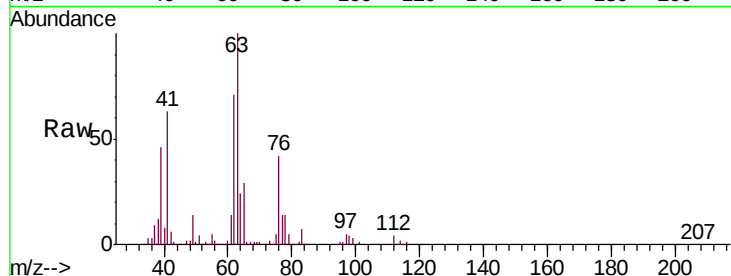




#45
 1,2-Dichloropropane
 Concen: 48.752 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

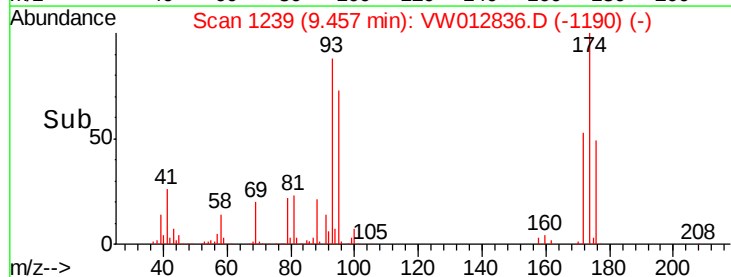
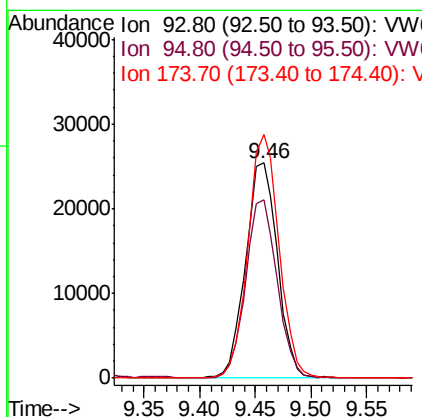
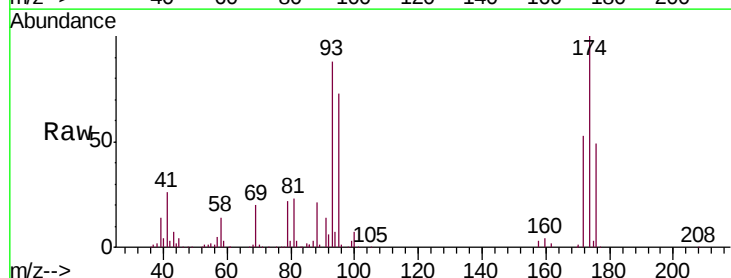
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

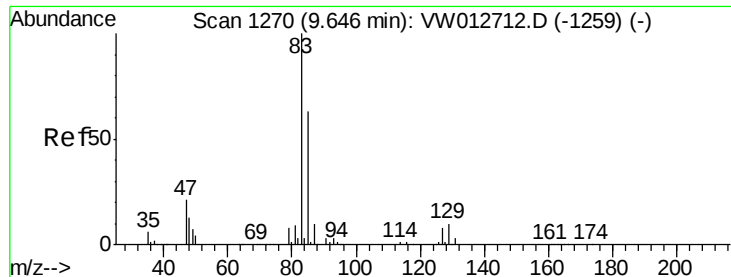
Tgt Ion: 63 Resp: 100162
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.8 35.8



#46
 Dibromomethane
 Concen: 52.198 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 93 Resp: 50783
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.2 97.8
 174 110.5 84.2 126.4





#47

Bromodichloromethane

Concen: 49.587 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

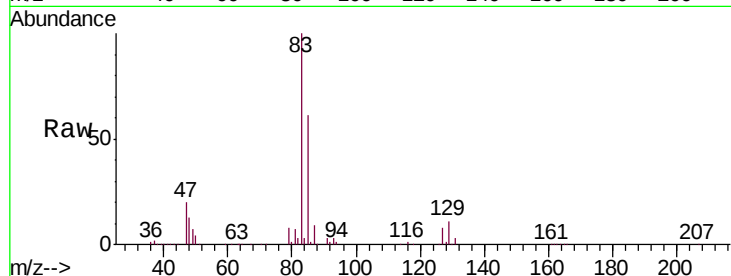
Tgt Ion: 83 Resp: 132725

Ion Ratio Lower Upper

83 100

85 61.5 50.2 75.2

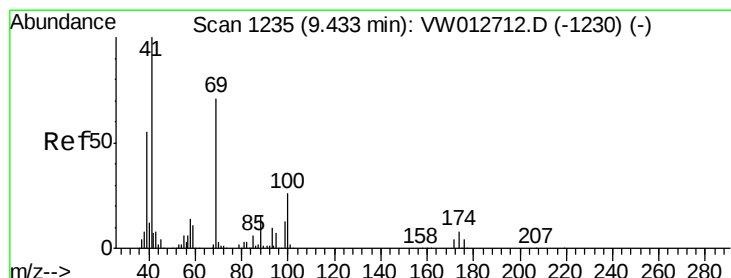
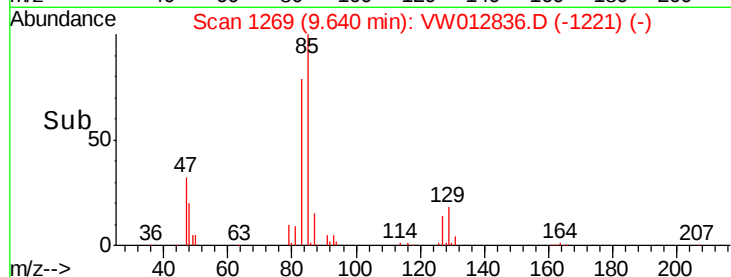
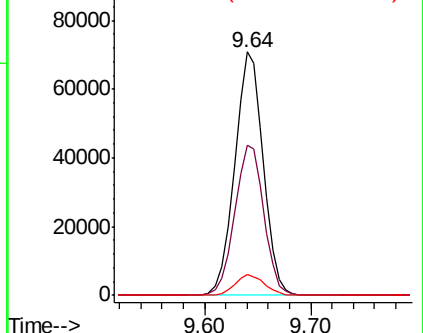
127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.475 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

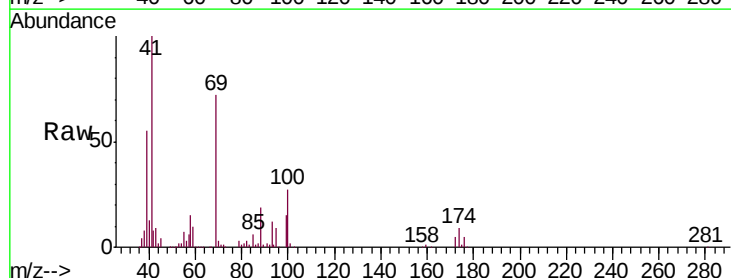
Tgt Ion: 41 Resp: 80862

Ion Ratio Lower Upper

41 100

69 76.1 59.8 89.8

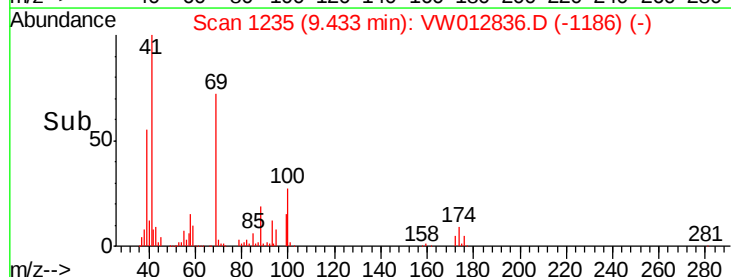
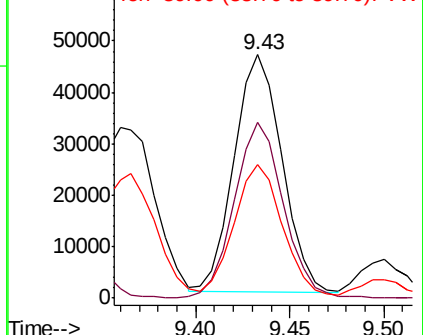
39 57.9 47.0 70.6

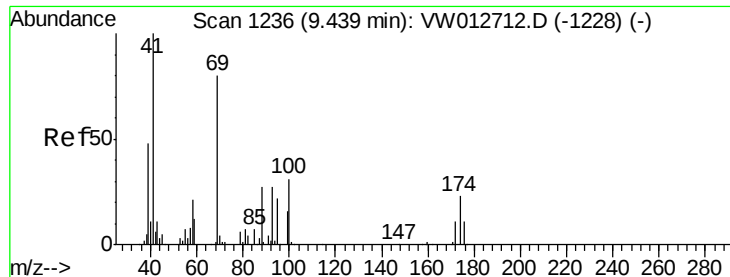


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

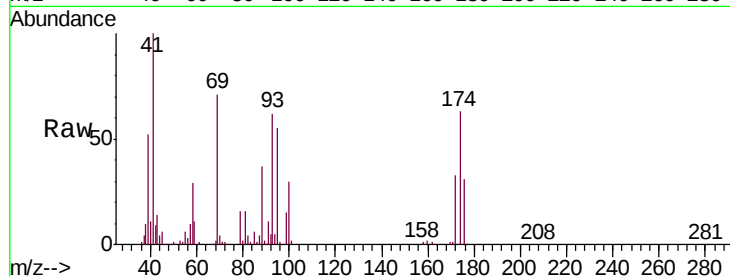




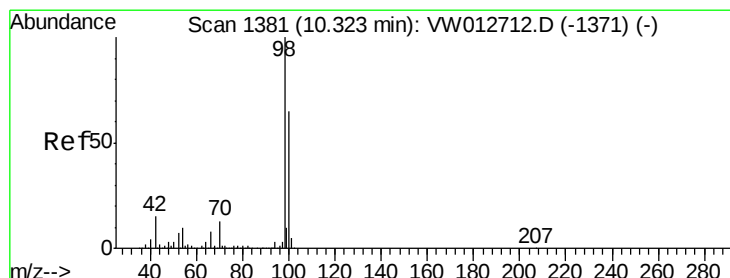
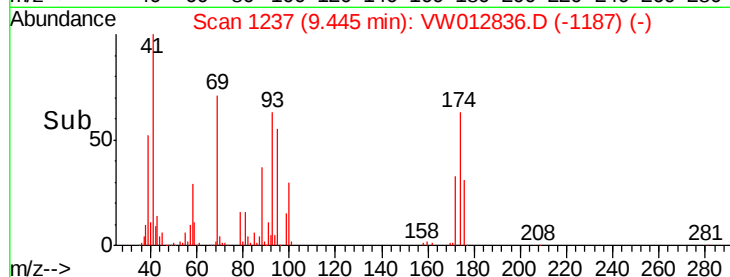
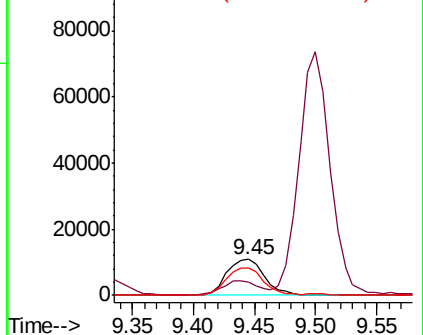
#49
1,4-Dioxane
Concen: 1220.197 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 23449
Ion Ratio Lower Upper
88 100
43 38.9 34.8 52.2
58 75.1 64.1 96.1

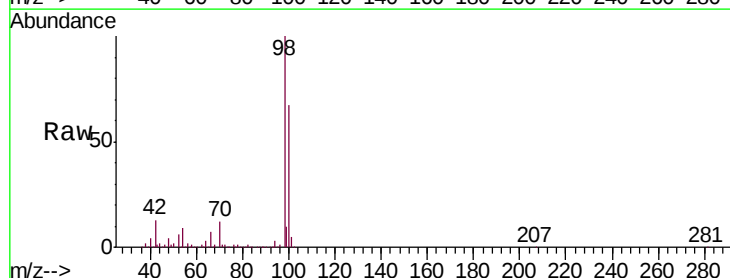


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

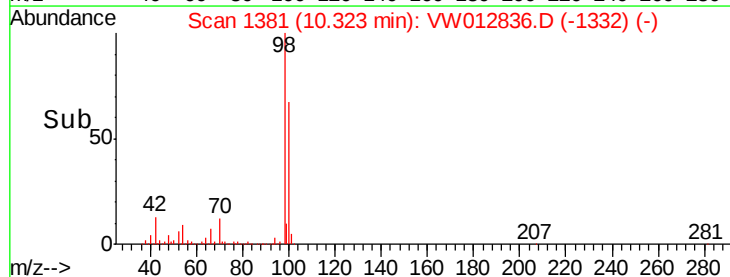
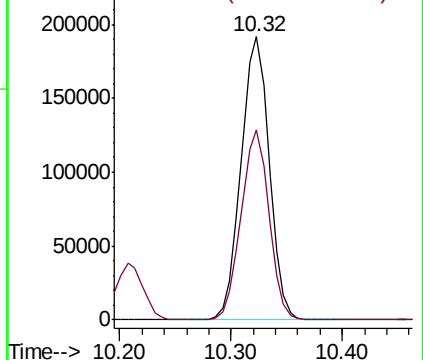


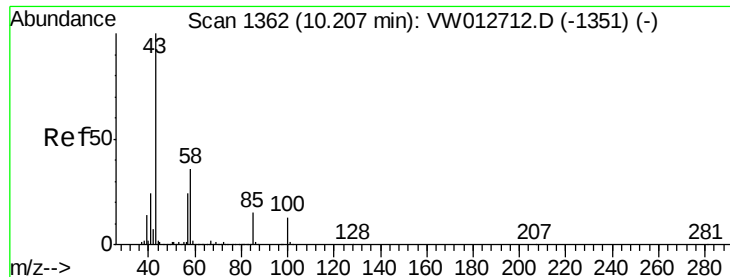
#50
Toluene-d8
Concen: 48.121 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 98 Resp: 336793
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.4



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

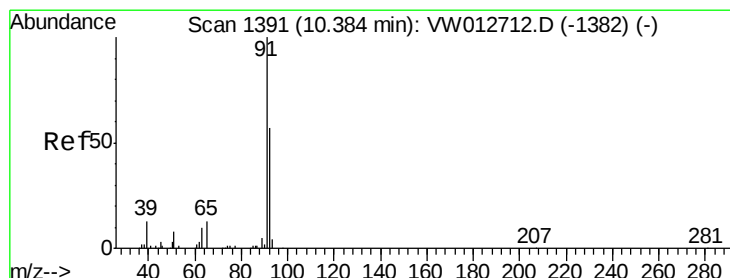
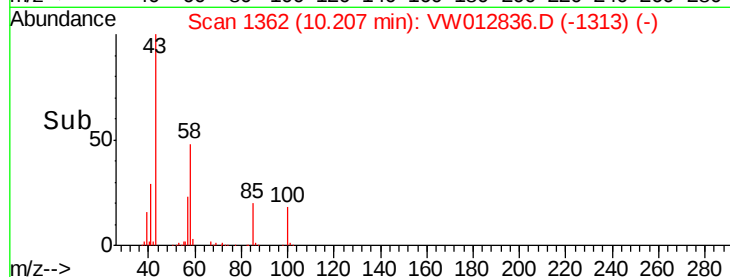
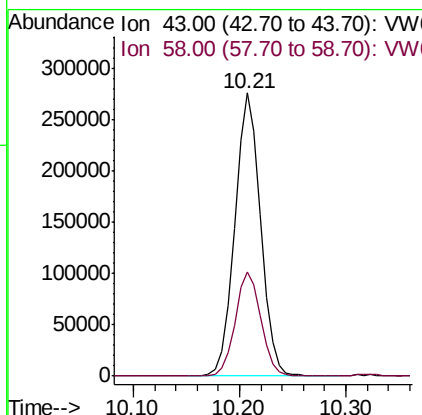
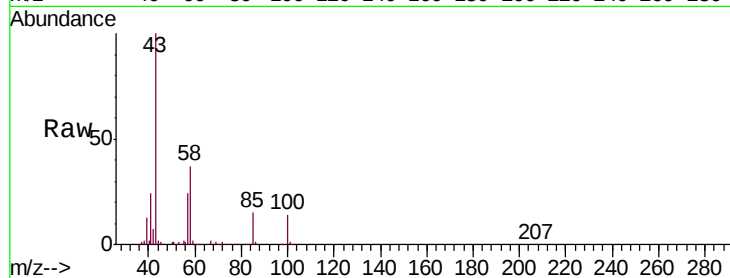




#51
 4-Methyl-2-Pentanone
 Concen: 276.184 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

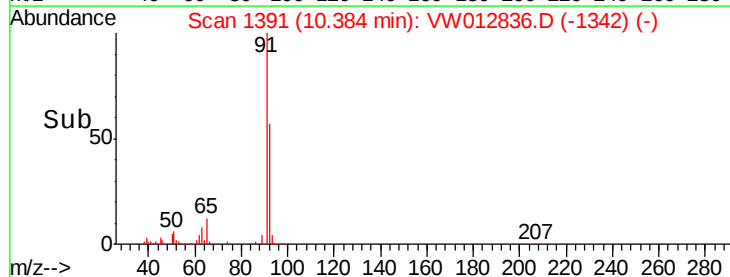
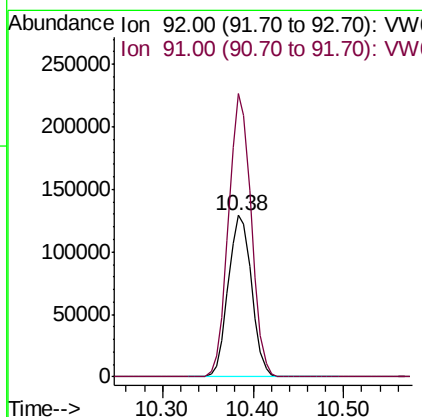
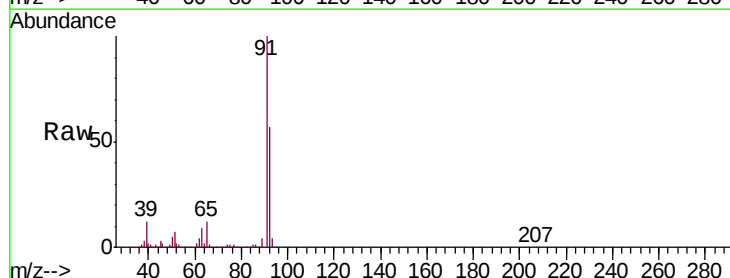
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

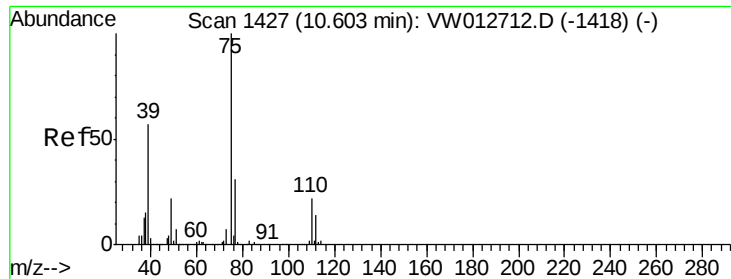
Tgt Ion: 43 Resp: 467297
 Ion Ratio Lower Upper
 43 100
 58 36.9 28.4 42.6



#52
 Toluene
 Concen: 49.923 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 92 Resp: 230811
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 50.816 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

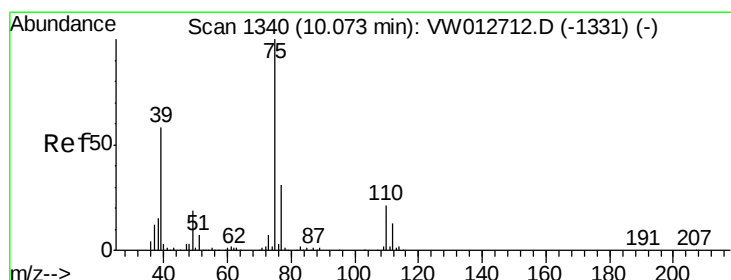
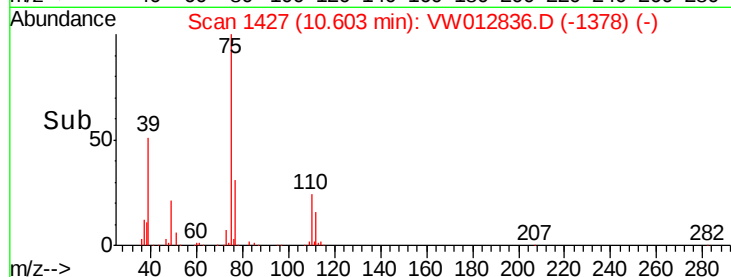
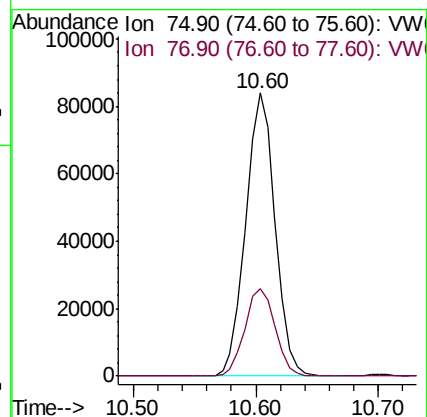
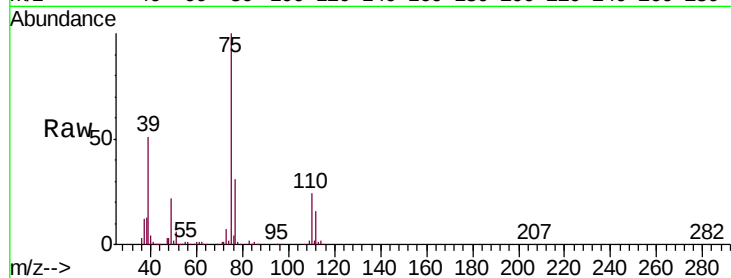
VSTDCCC050EC

Tgt Ion: 75 Resp: 139862

Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 50.729 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

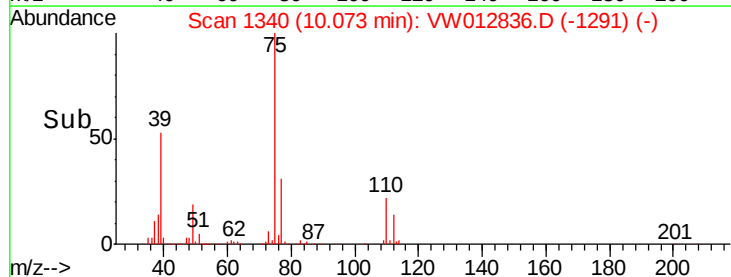
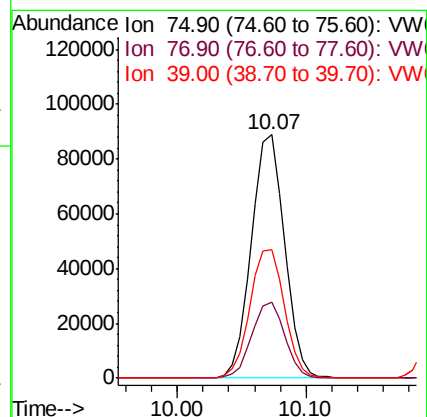
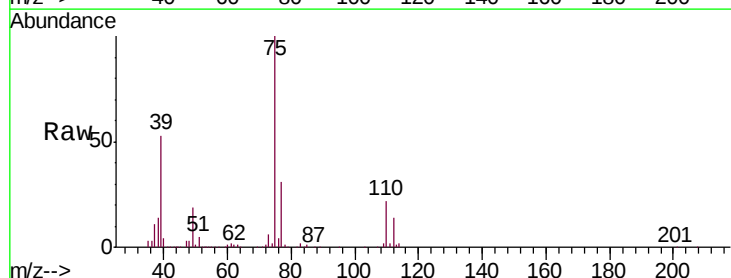
Tgt Ion: 75 Resp: 158390

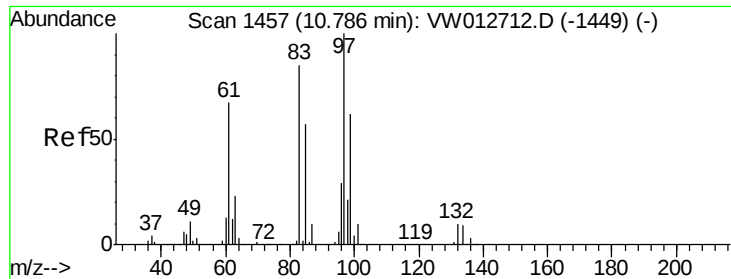
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 52.8 46.3 69.5

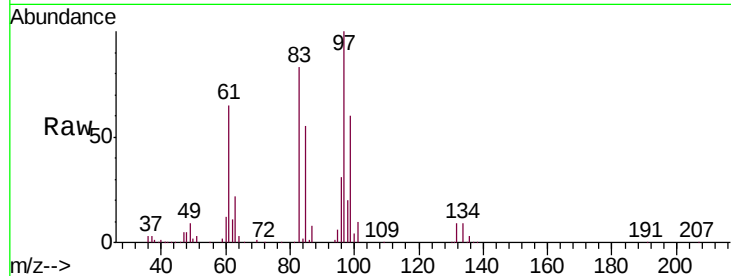




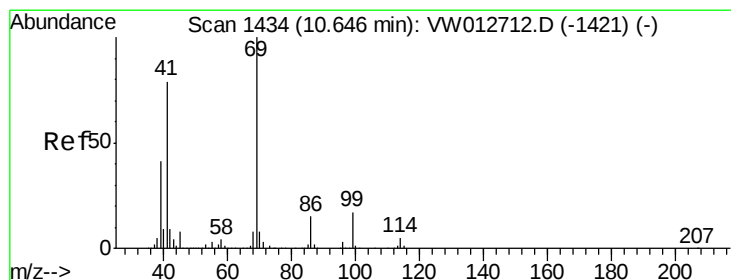
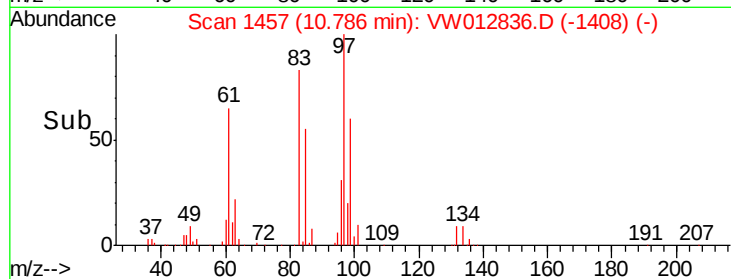
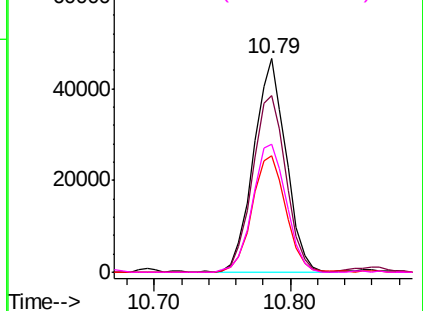
#55
 1,1,2-Trichloroethane
 Concen: 53.498 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	77922
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	54.7	45.3	67.9
99	59.7	50.0	75.0

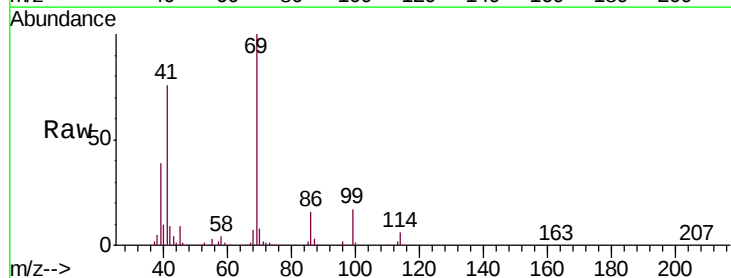


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

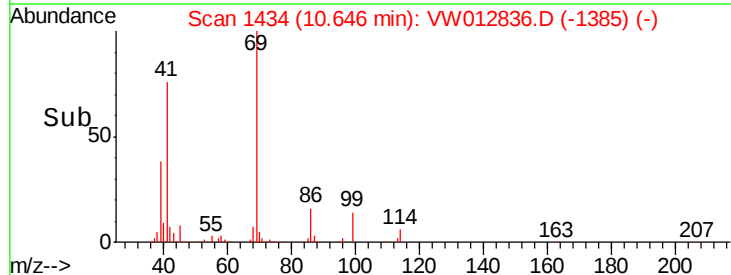
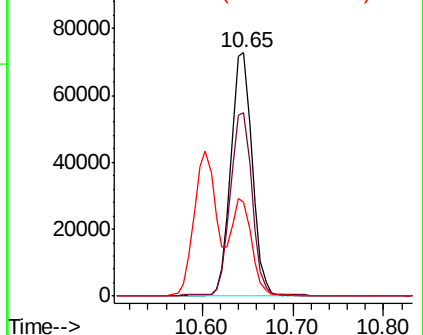


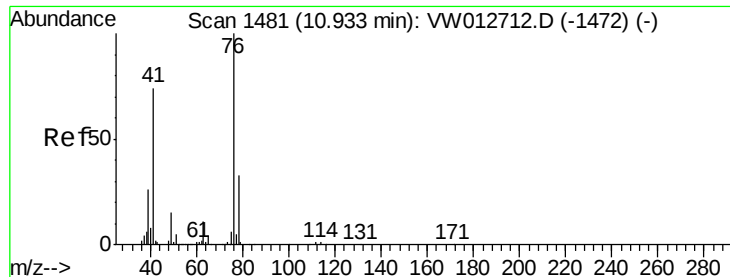
#56
 Ethyl methacrylate
 Concen: 56.270 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion:	69	Resp:	119972
Ion	Ratio	Lower	Upper
69	100		
41	75.2	64.4	96.6
39	34.7	31.1	46.7



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





#57

1,3-Dichloropropane

Concen: 51.936 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

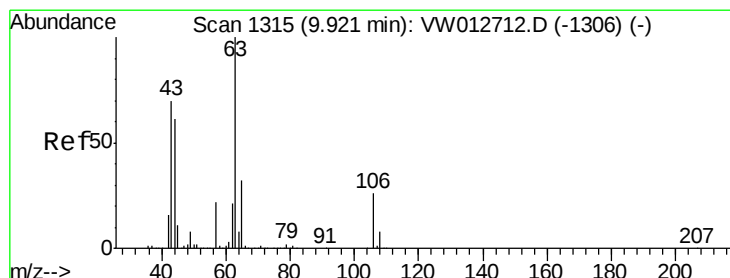
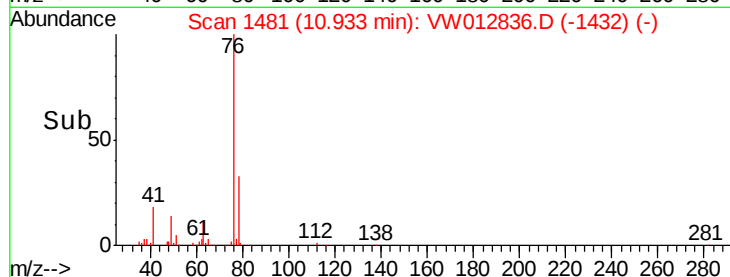
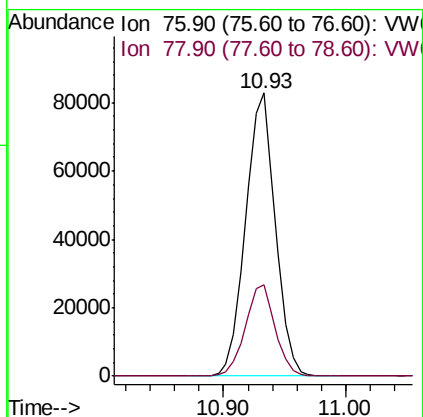
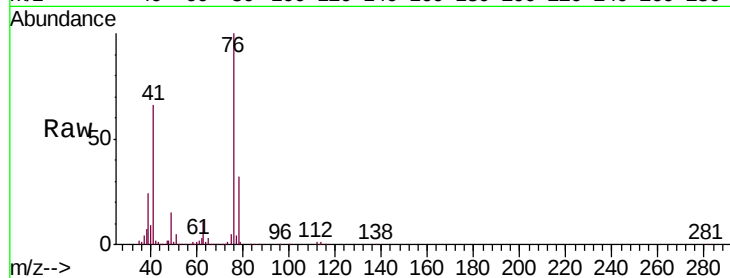
VSTDCCC050EC

Tgt Ion: 76 Resp: 139944

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 264.400 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012836.D

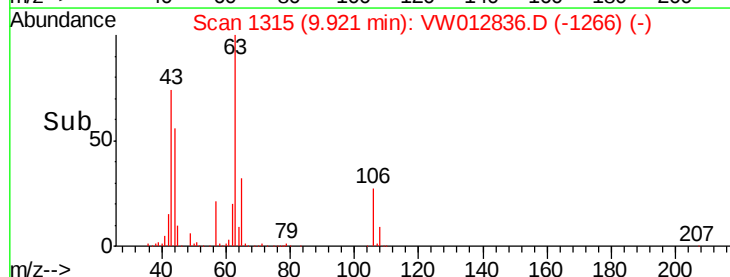
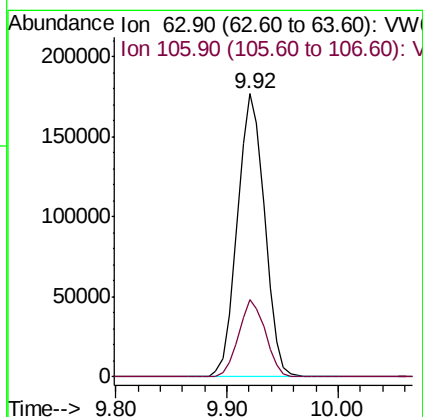
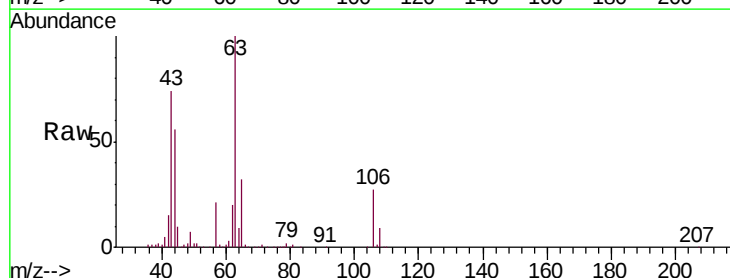
Acq: 09 Sep 2019 21:33

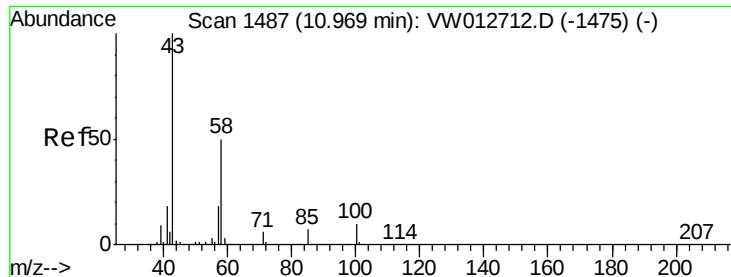
Tgt Ion: 63 Resp: 299268

Ion Ratio Lower Upper

63 100

106 26.8 20.5 30.7

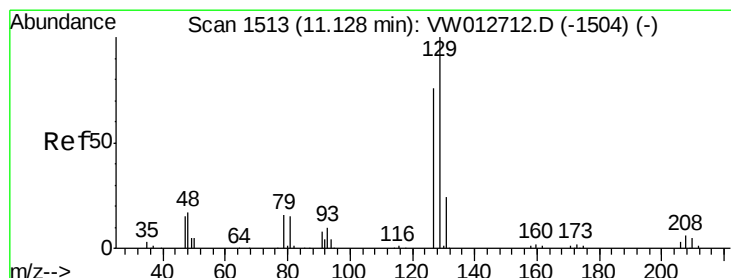
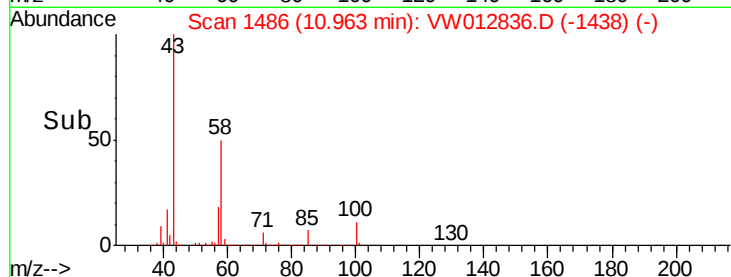
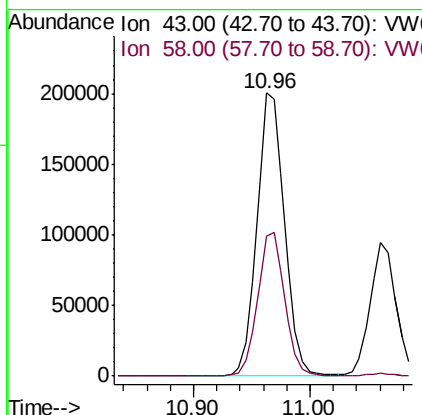
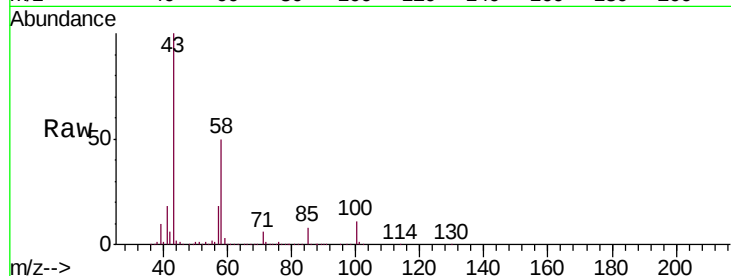




#59
2-Hexanone
Concen: 267.790 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

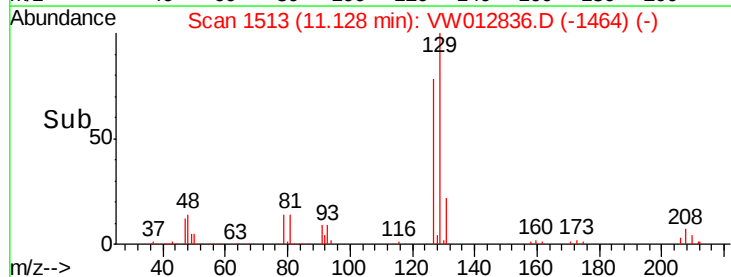
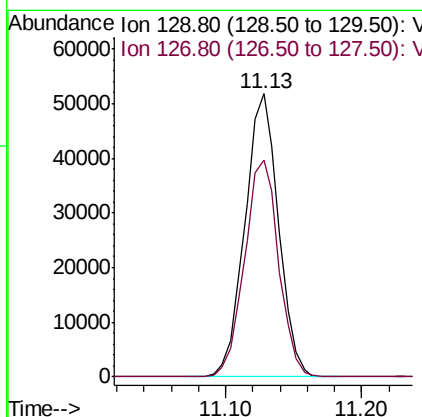
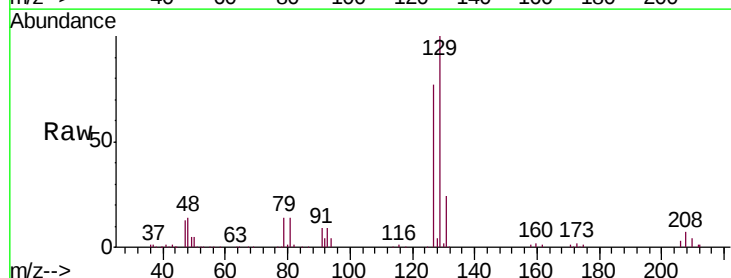
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

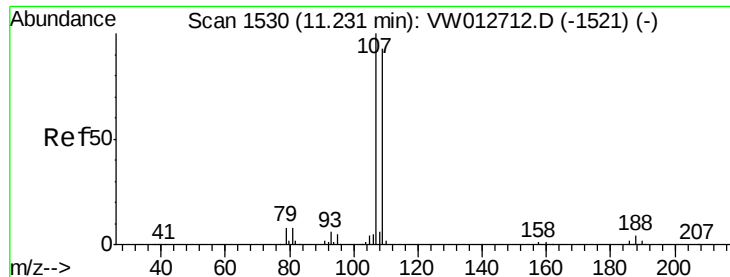
Tgt Ion: 43 Resp: 331023
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1



#60
Dibromochloromethane
Concen: 52.300 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 129 Resp: 89590
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

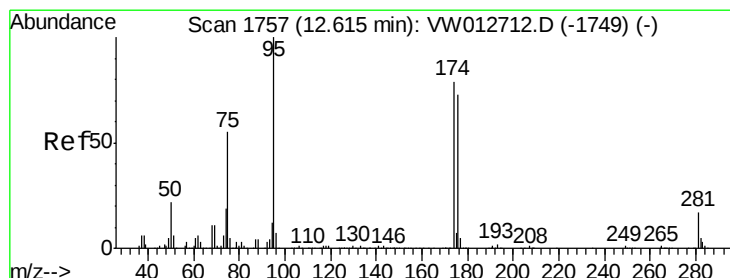
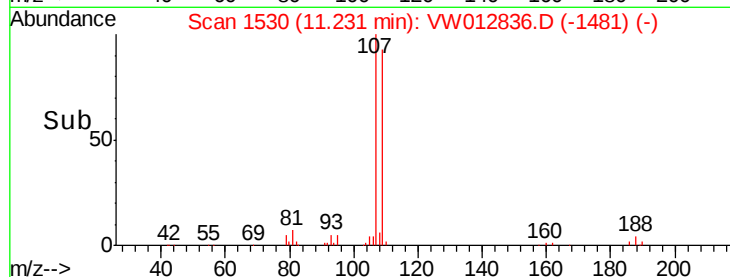
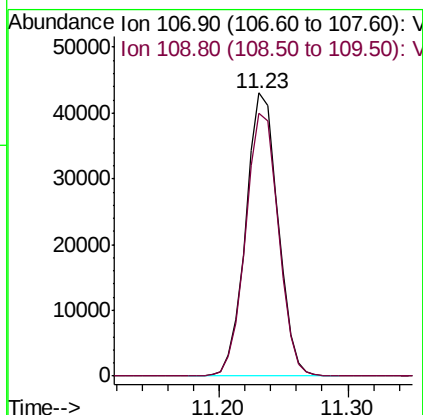
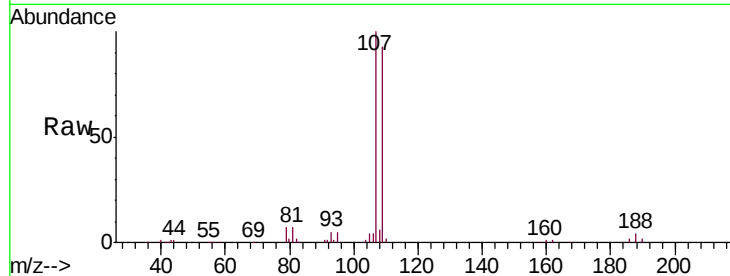




#61
 1,2-Dibromoethane
 Concen: 55.514 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

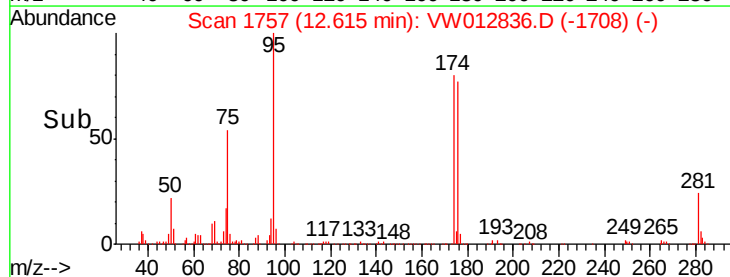
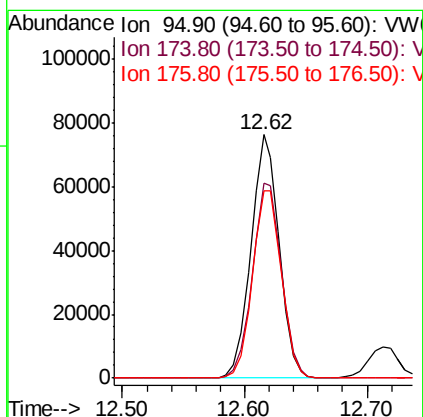
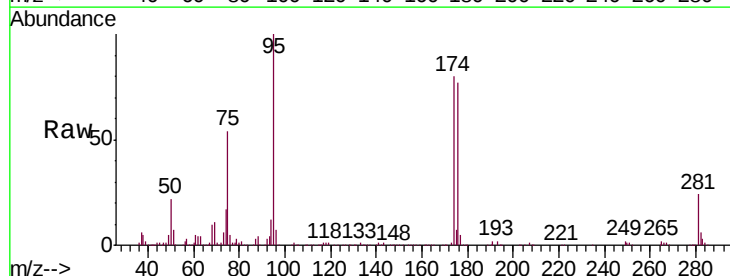
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

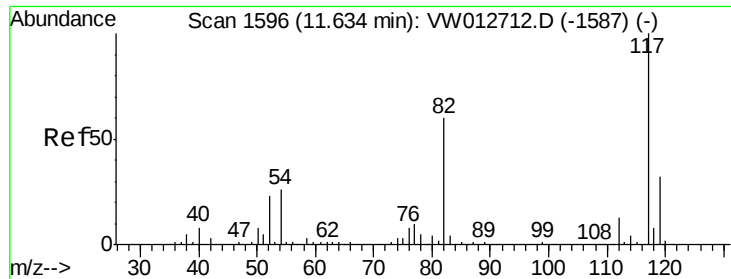
Tgt Ion: 107 Resp: 74130
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.082 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 95 Resp: 122167
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 161.0
 176 79.6 0.0 156.4

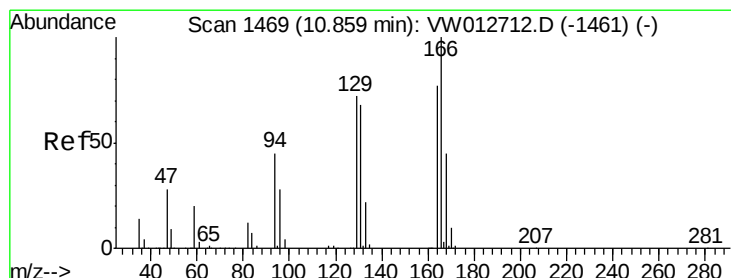
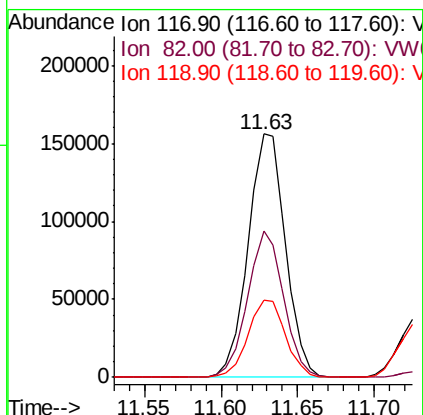
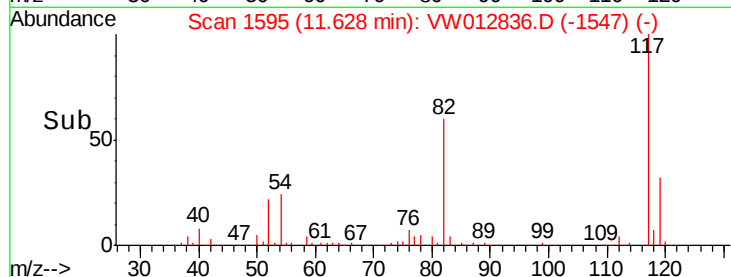
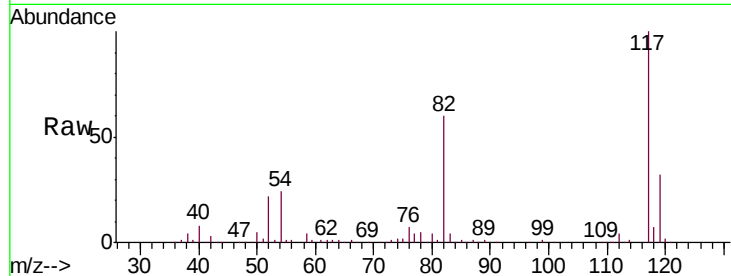




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

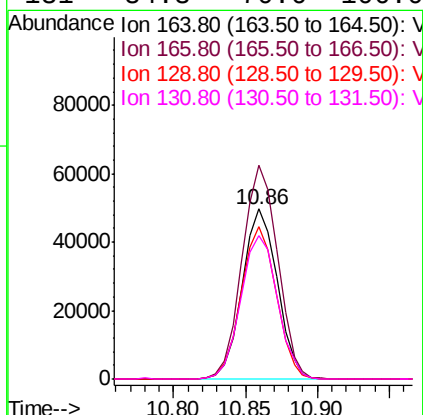
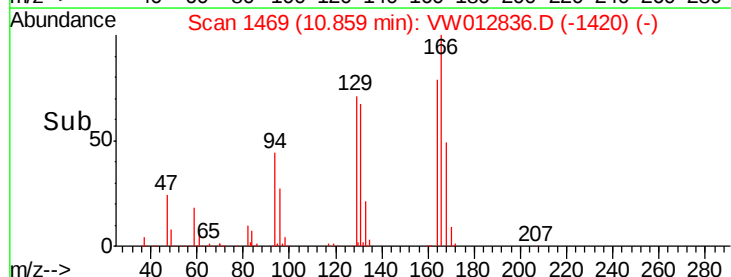
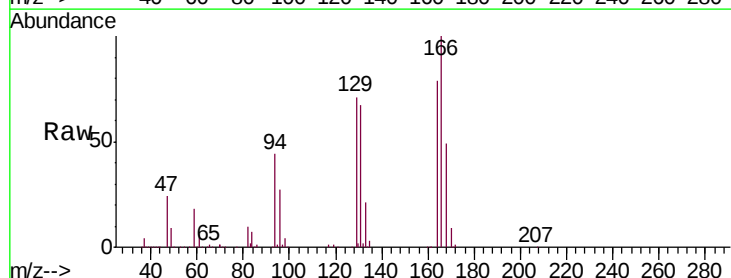
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

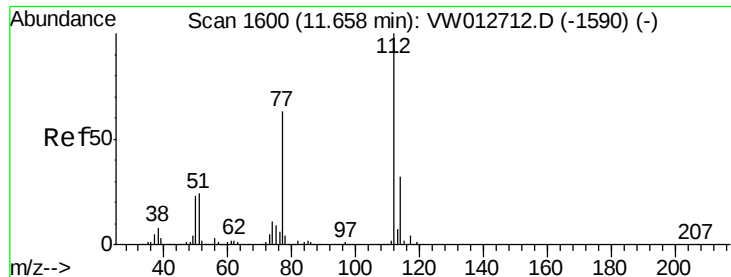
Tgt Ion:117 Resp: 265150
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 51.932 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion:164 Resp: 83552
Ion Ratio Lower Upper
164 100
166 125.8 103.6 155.4
129 89.5 74.6 112.0
131 84.3 70.6 106.0

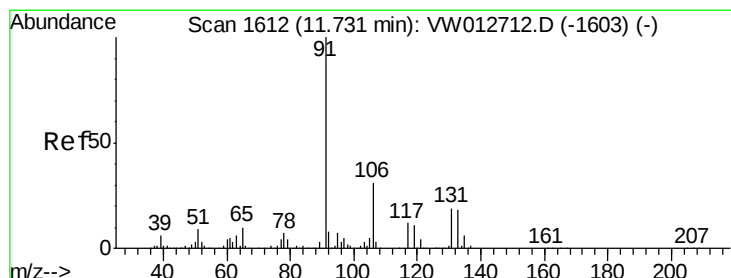
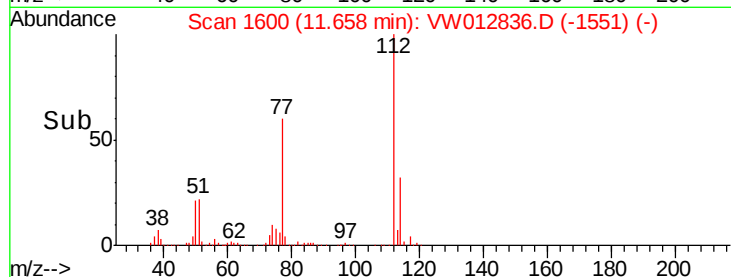
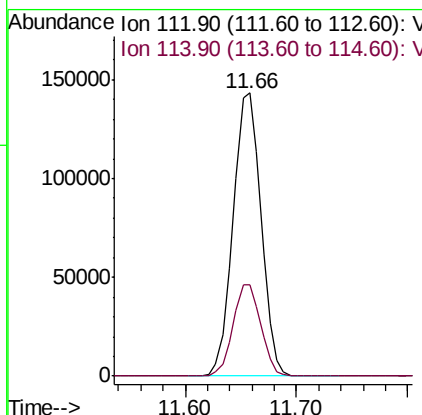
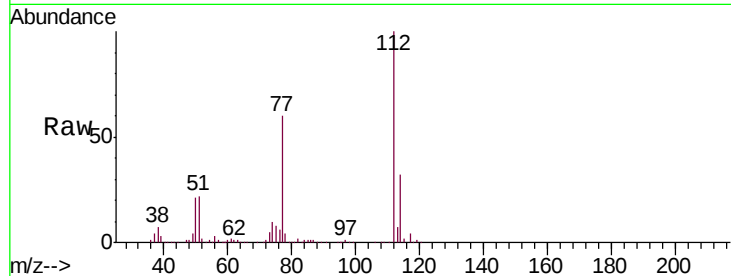




#65
Chlorobenzene
Concen: 49.647 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

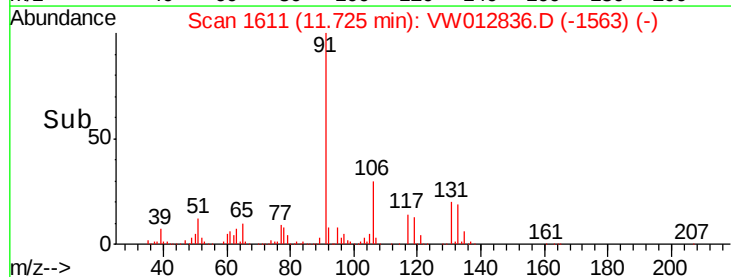
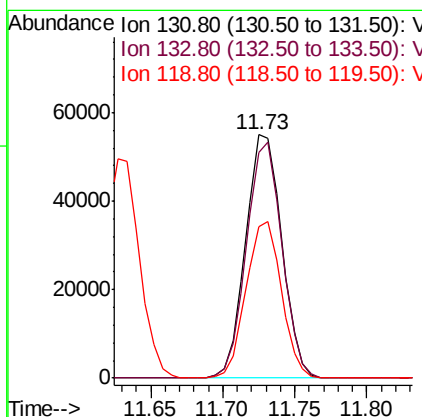
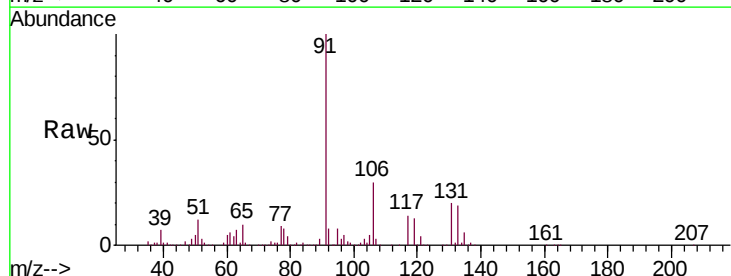
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

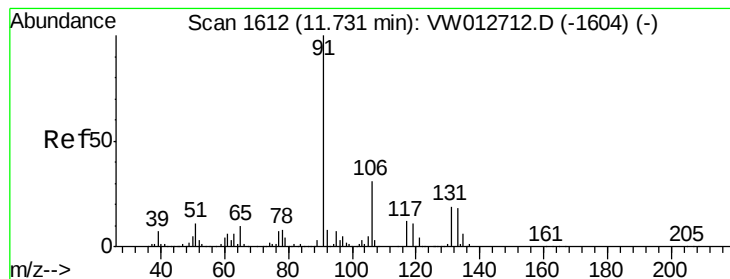
Tgt Ion:112 Resp: 248801
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.206 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion:131 Resp: 95564
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 62.8 30.6 92.0





#67

Ethyl Benzene

Concen: 49.235 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

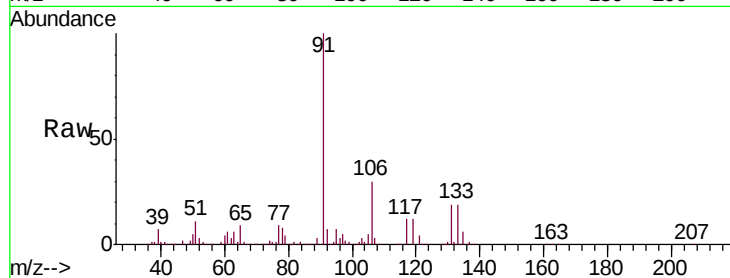
VSTDCCC050EC

Tgt Ion: 91 Resp: 462938

Ion Ratio Lower Upper

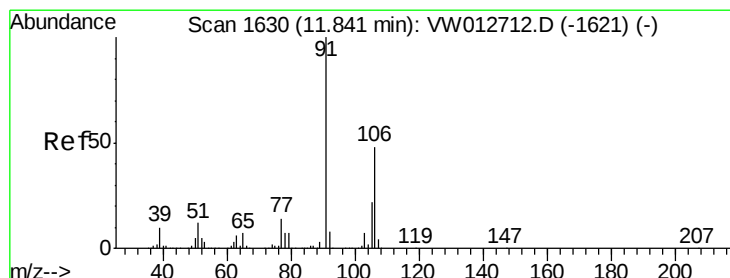
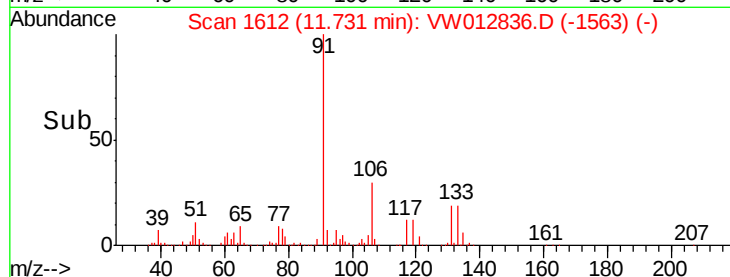
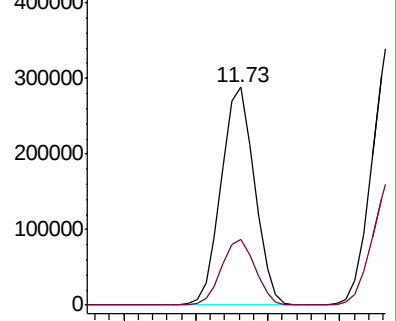
91 100

106 30.1 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.255 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012836.D

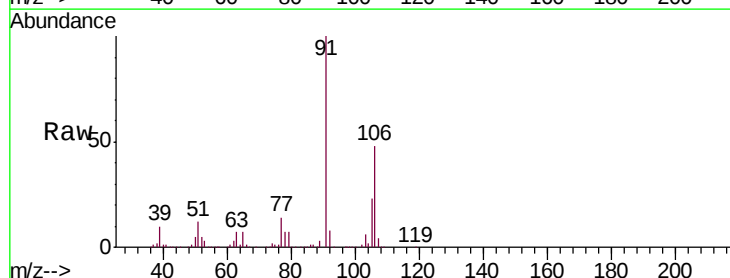
Acq: 09 Sep 2019 21:33

Tgt Ion: 106 Resp: 336862

Ion Ratio Lower Upper

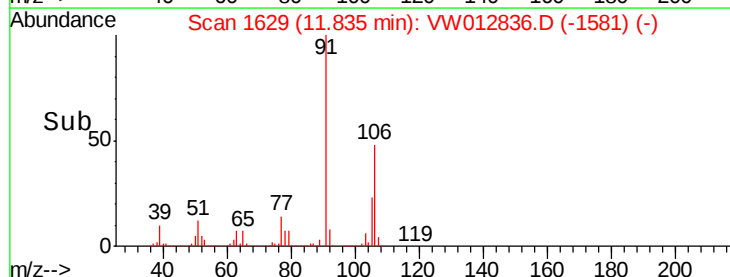
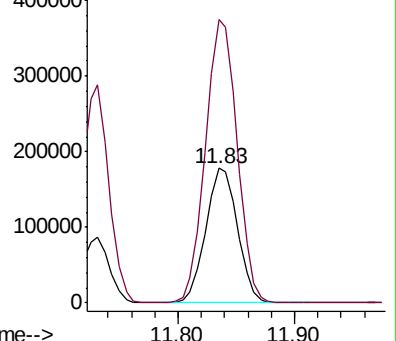
106 100

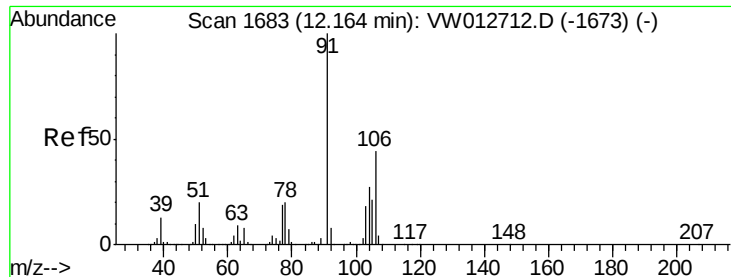
91 211.3 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

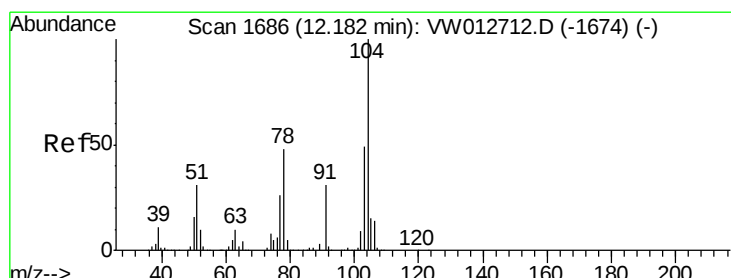
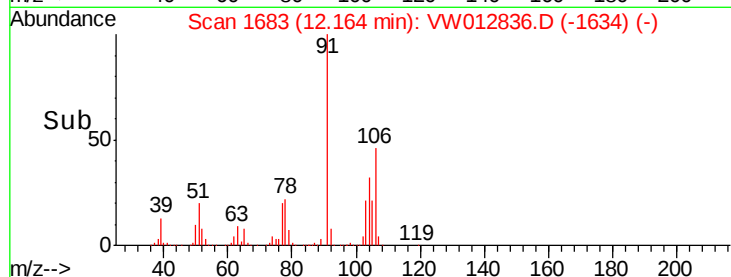
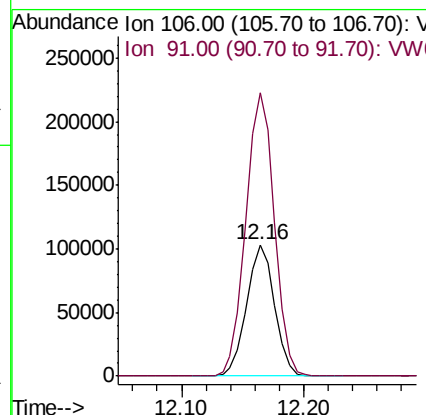
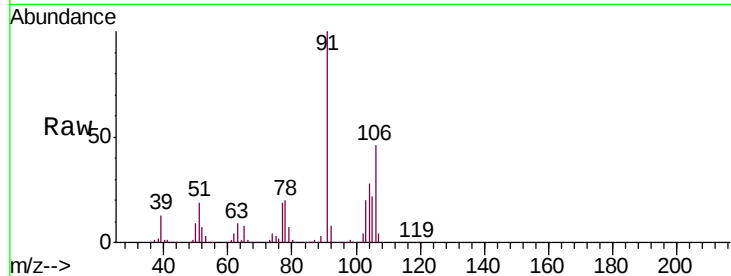




#69
o-Xylene
Concen: 50.940 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

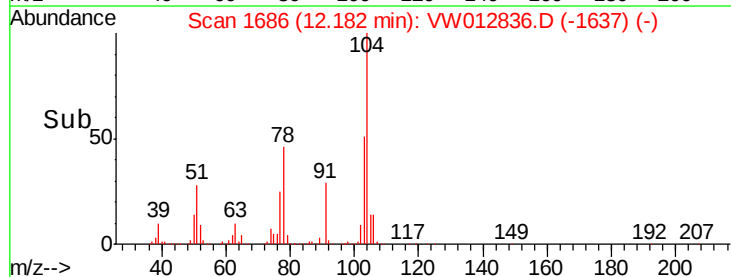
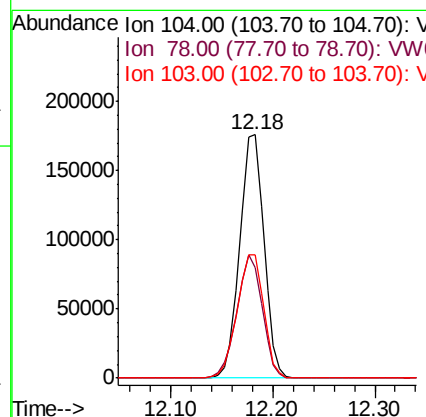
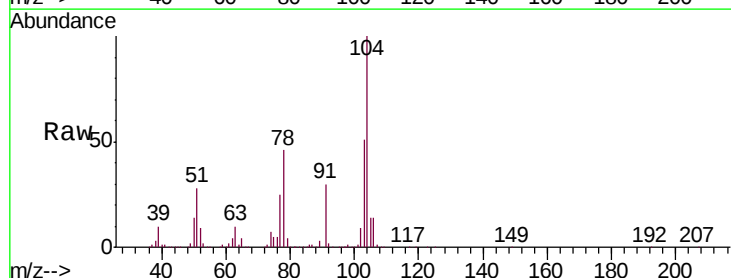
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

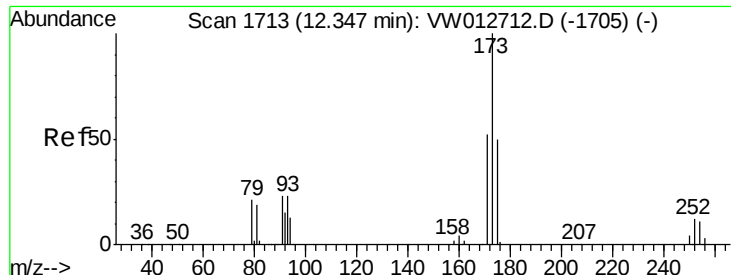
Tgt Ion:106 Resp: 163106
Ion Ratio Lower Upper
106 100
91 221.1 112.3 336.8



#70
Styrene
Concen: 51.037 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion:104 Resp: 288770
Ion Ratio Lower Upper
104 100
78 53.1 43.3 64.9
103 55.8 44.0 66.0





#71

Bromoform

Concen: 54.463 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

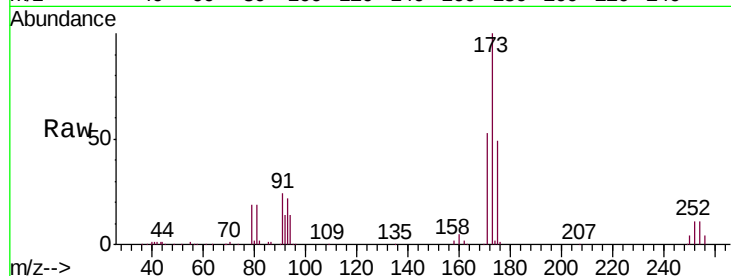
Tgt Ion:173 Resp: 56471

Ion Ratio Lower Upper

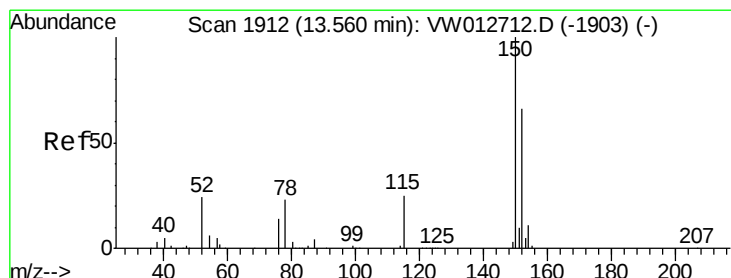
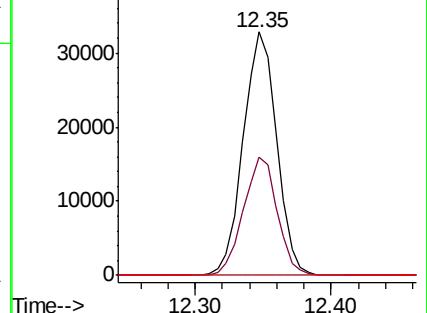
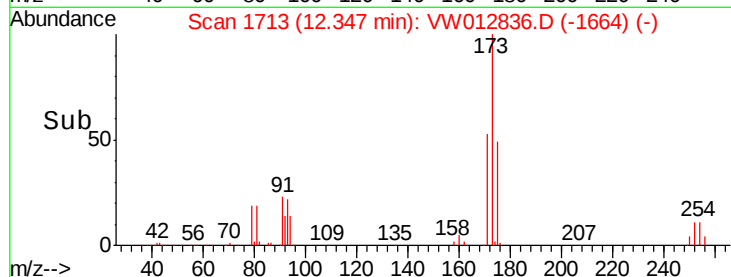
173 100

175 49.0 24.8 74.3

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

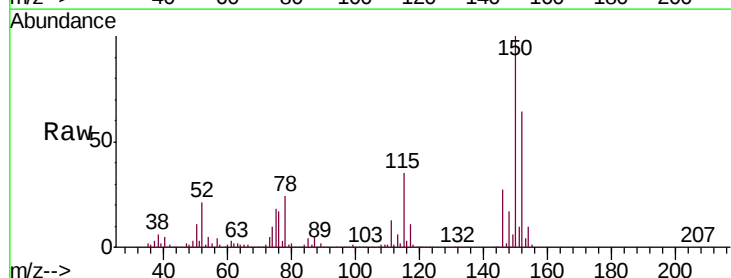
Tgt Ion:152 Resp: 134118

Ion Ratio Lower Upper

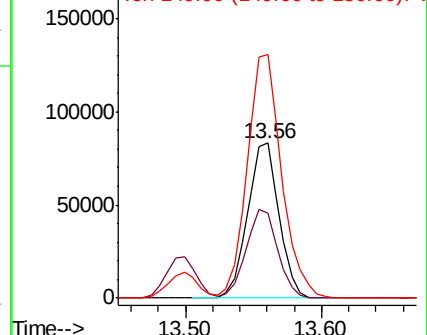
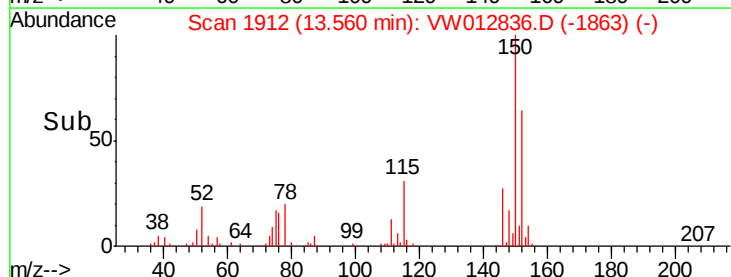
152 100

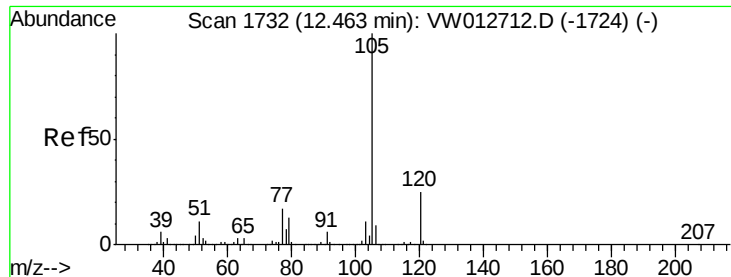
115 58.0 30.0 90.1

150 172.1 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: 48.744 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

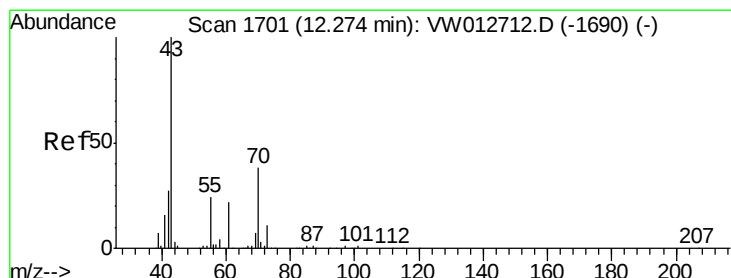
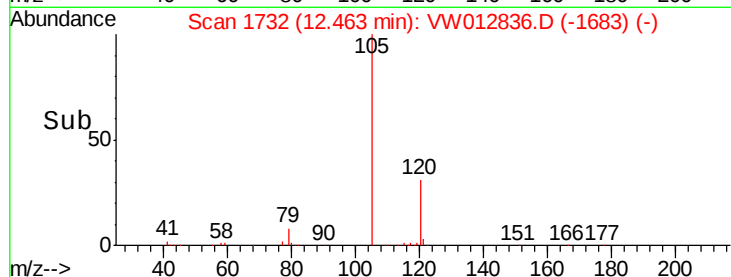
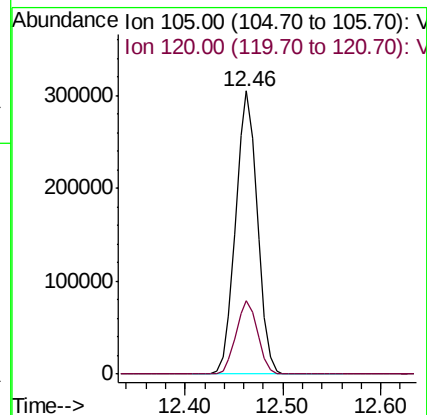
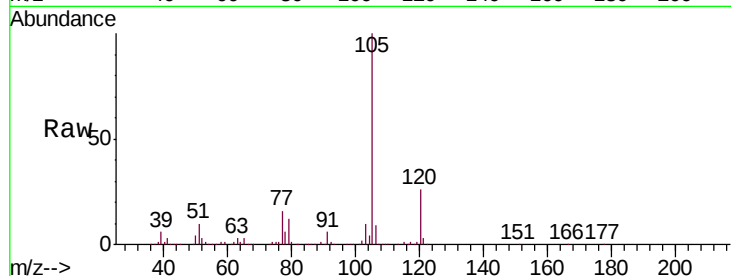
VSTDCCC050EC

Tgt Ion: 105 Resp: 468880

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.343 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion: 43 Resp: 159820

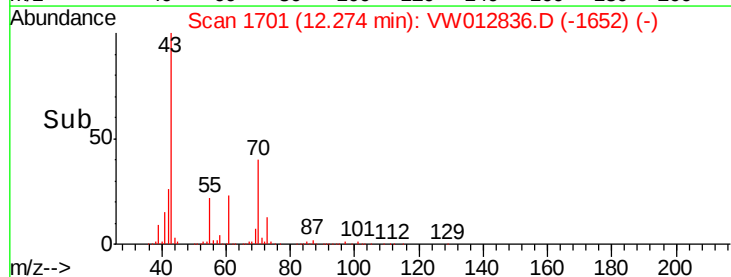
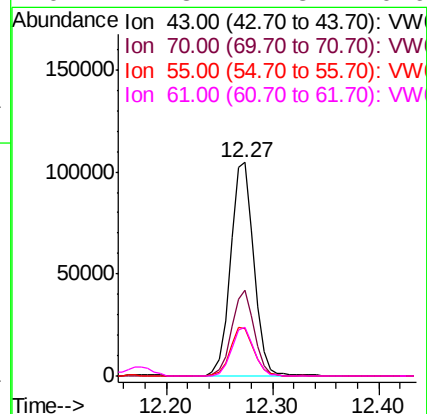
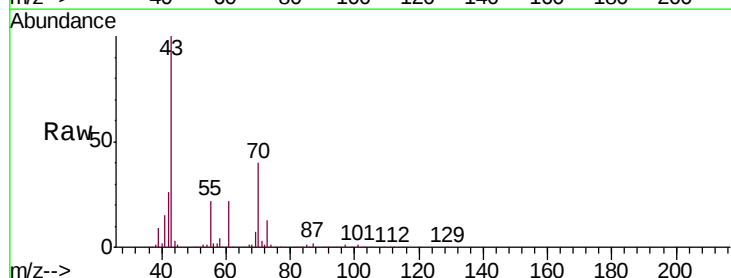
Ion Ratio Lower Upper

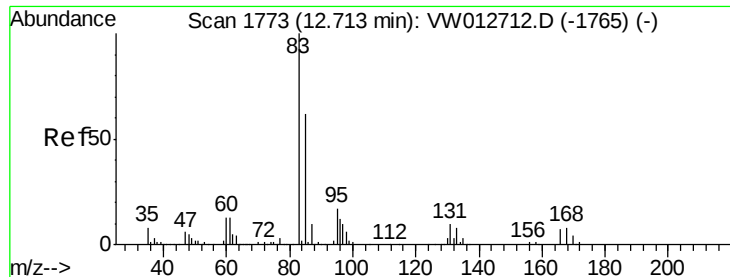
43 100

70 38.4 29.4 44.0

55 23.0 18.6 27.8

61 22.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.918 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

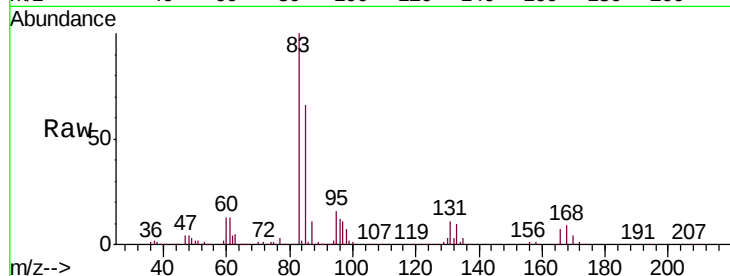
Tgt Ion: 83 Resp: 100297

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

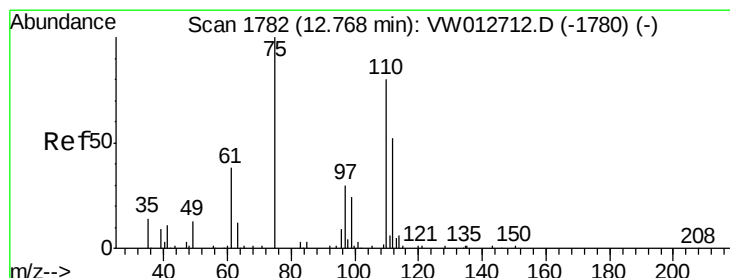
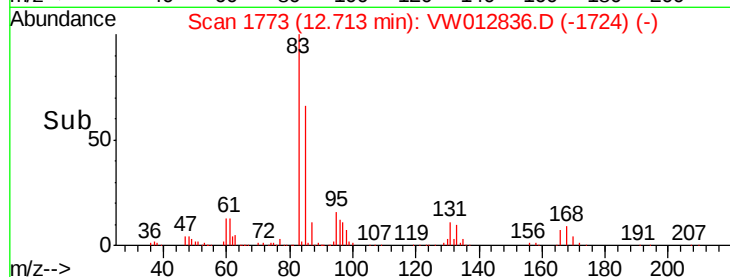
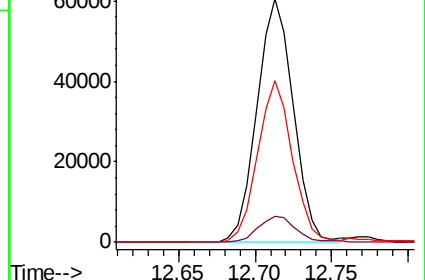
85 63.4 31.4 94.2



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: 95.437 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012836.D

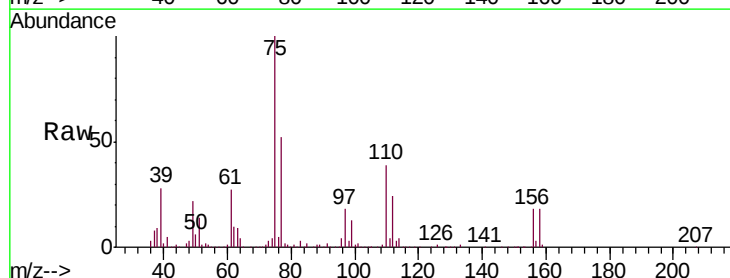
Acq: 09 Sep 2019 21:33

Tgt Ion: 75 Resp: 130884

Ion Ratio Lower Upper

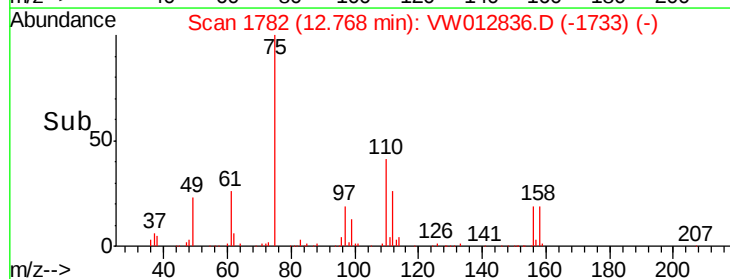
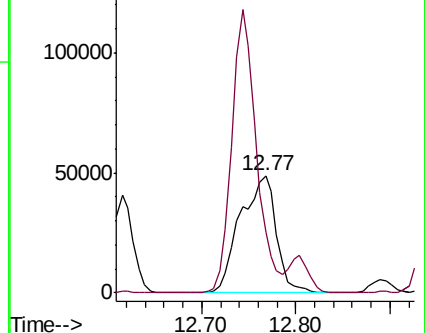
75 100

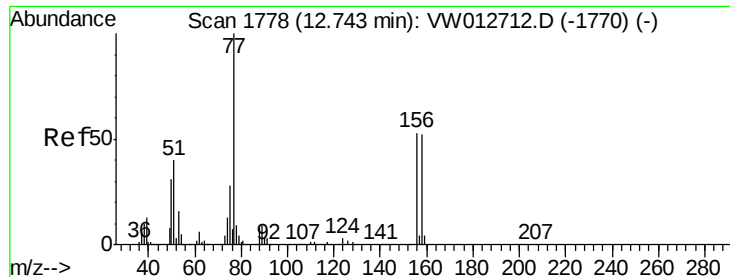
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.599 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

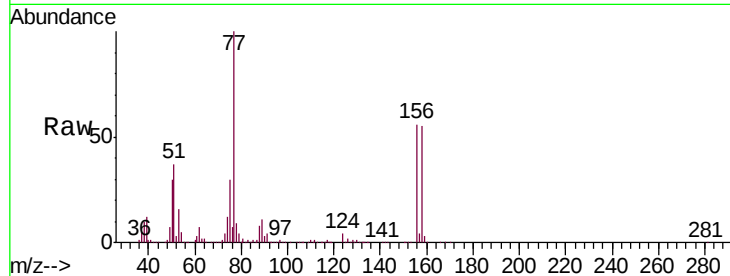
Tgt Ion:156 Resp: 110273

Ion Ratio Lower Upper

156 100

77 195.1 102.3 306.9

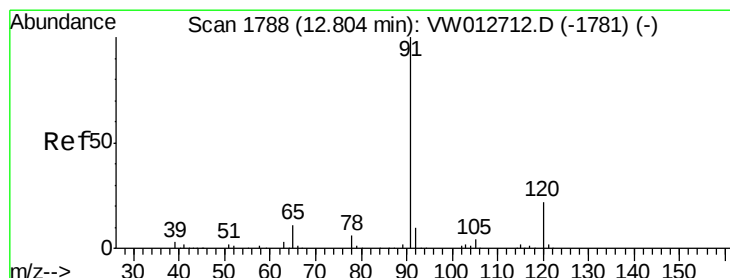
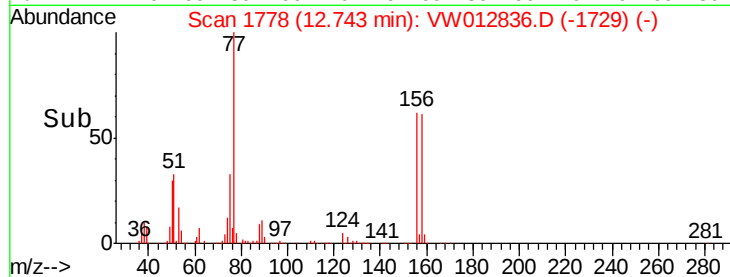
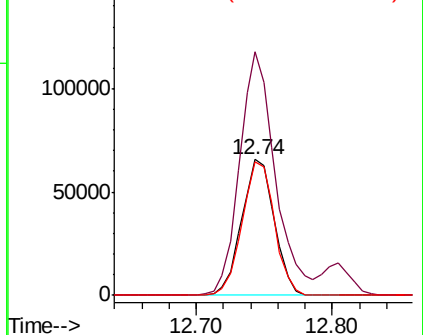
158 97.5 48.9 146.8



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: 48.314 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012836.D

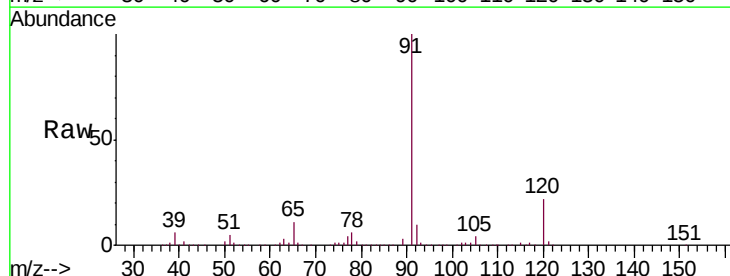
Acq: 09 Sep 2019 21:33

Tgt Ion: 91 Resp: 555833

Ion Ratio Lower Upper

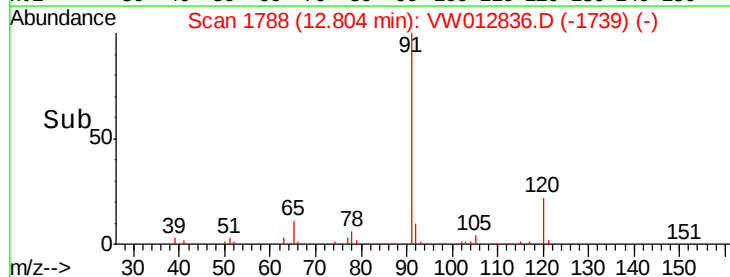
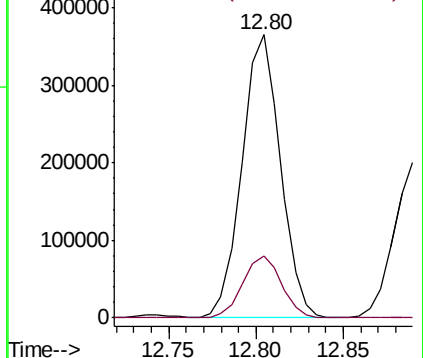
91 100

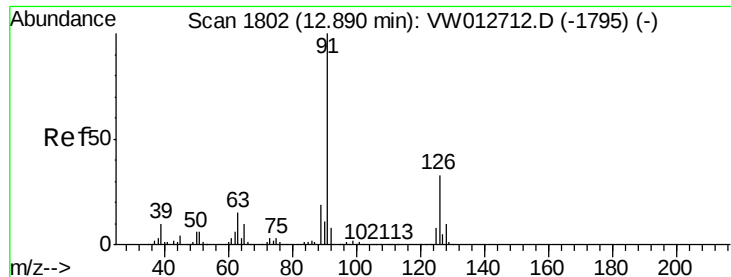
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

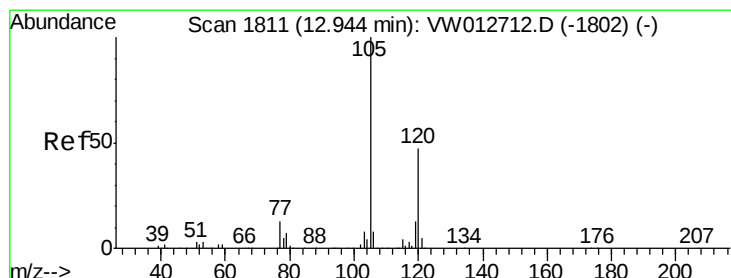
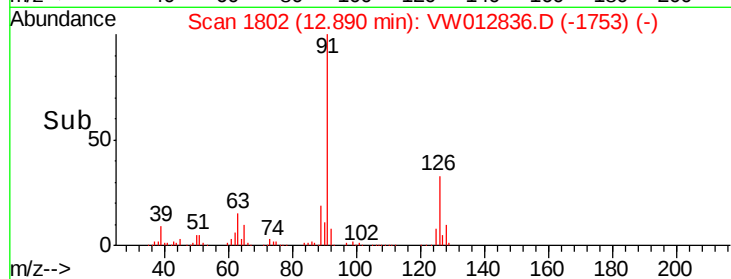
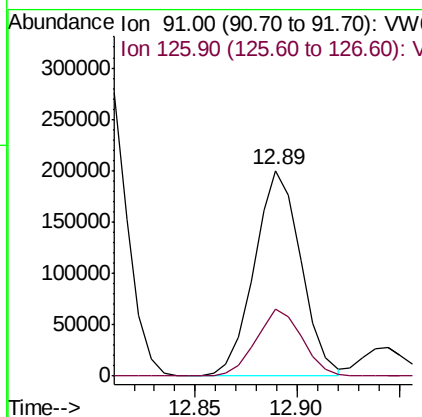
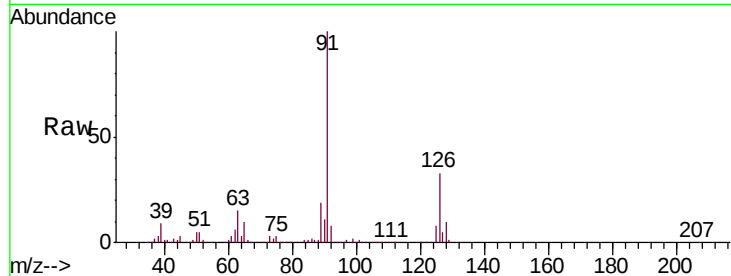




#79
 2-Chlorotoluene
 Concen: 47.987 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

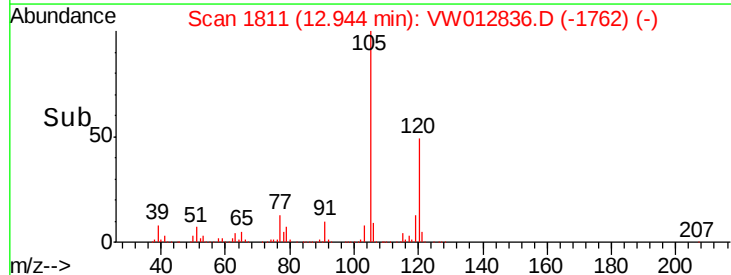
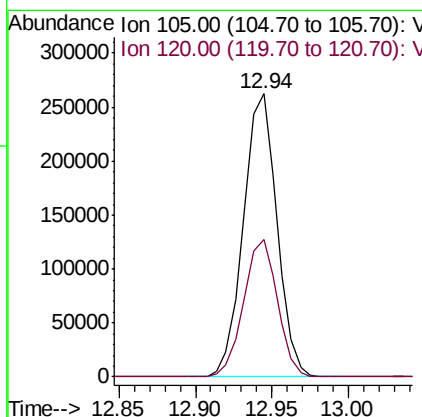
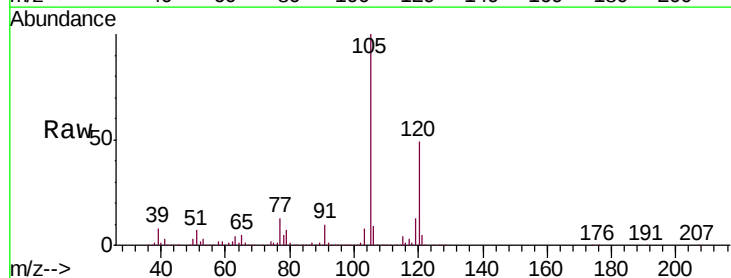
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

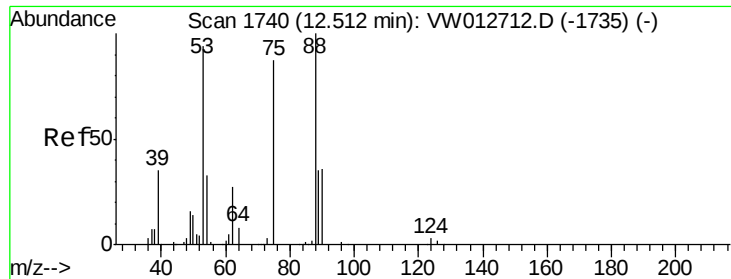
Tgt Ion: 91 Resp: 316931
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.242 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion: 105 Resp: 399137
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.9 71.8

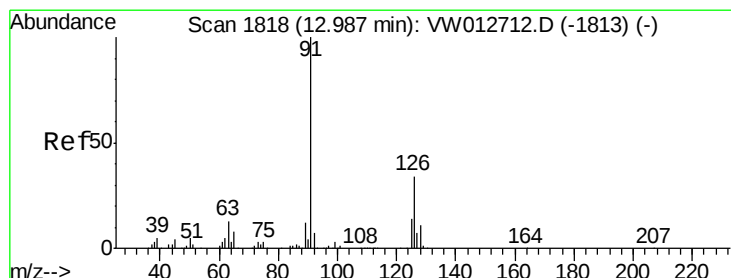
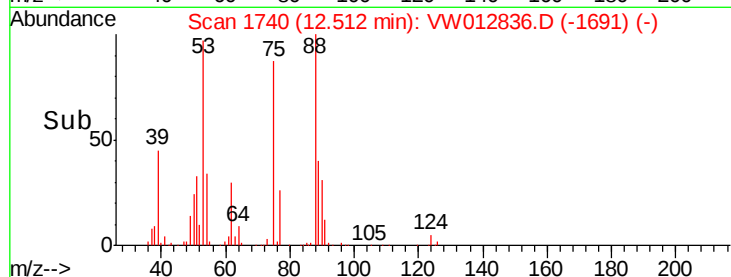
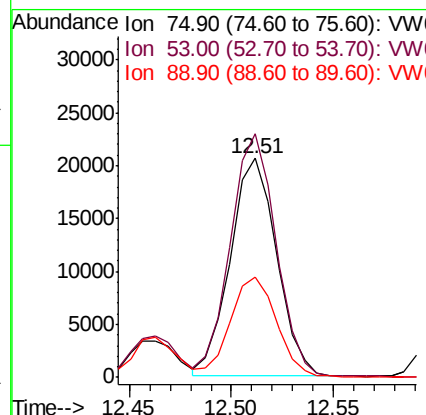
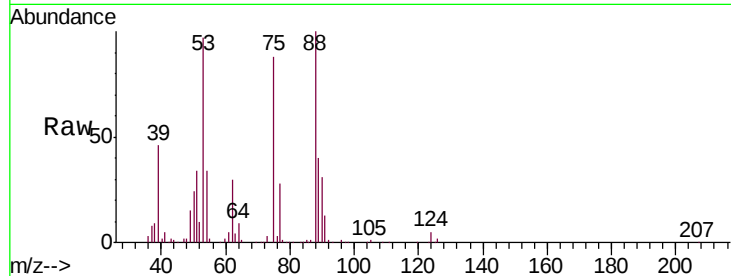




#81
trans-1,4-Dichloro-2-butene
Concen: 50.245 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

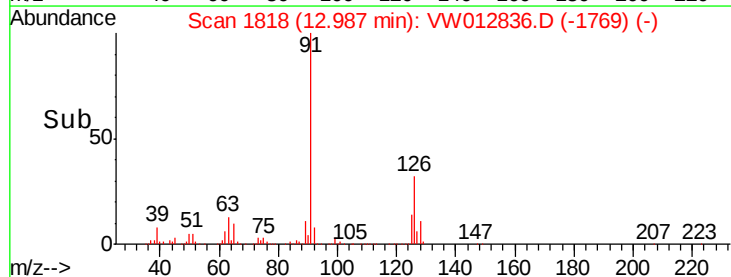
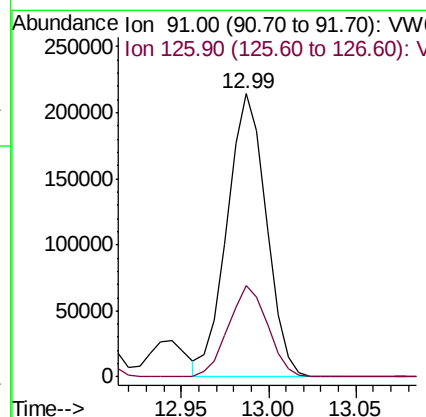
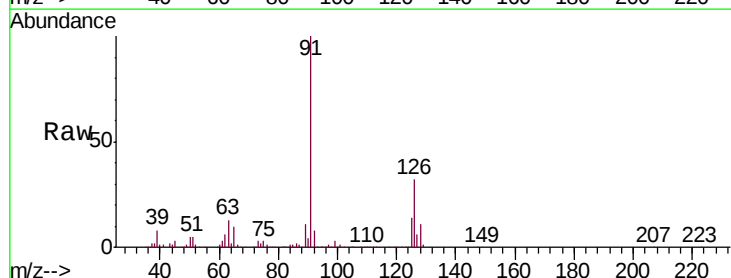
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

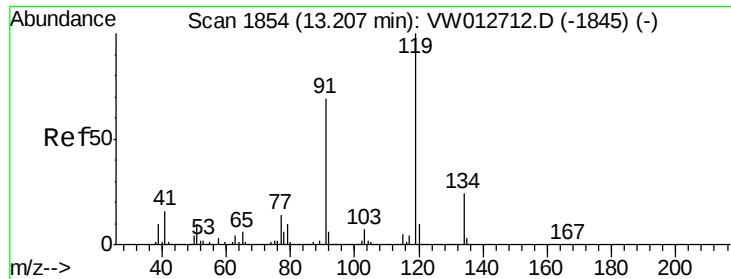
Tgt Ion: 75 Resp: 32579
Ion Ratio Lower Upper
75 100
53 110.9 87.6 131.4
89 46.2 35.5 53.3



#82
4-Chlorotoluene
Concen: 47.655 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 91 Resp: 332923
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.6

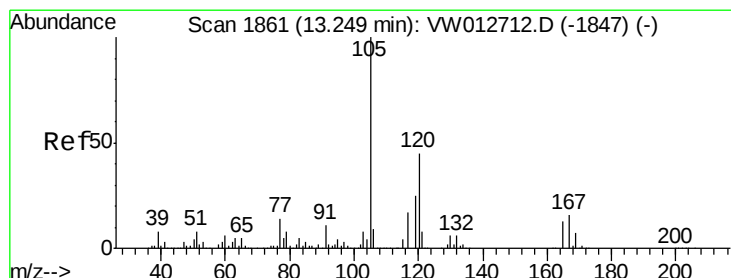
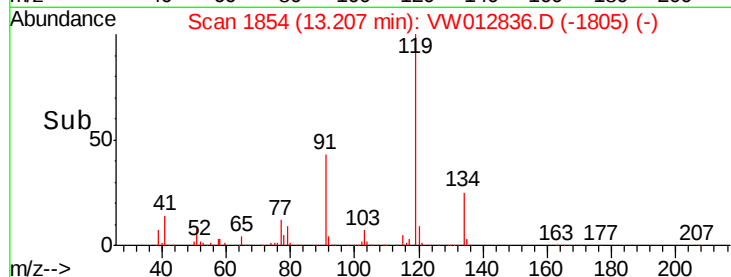
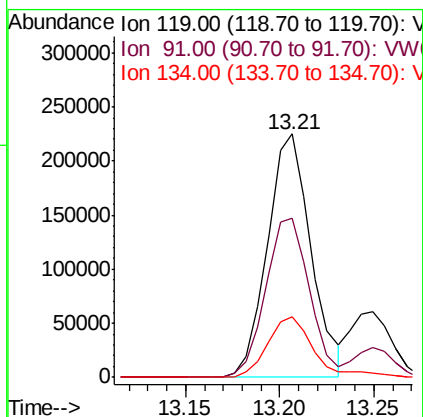
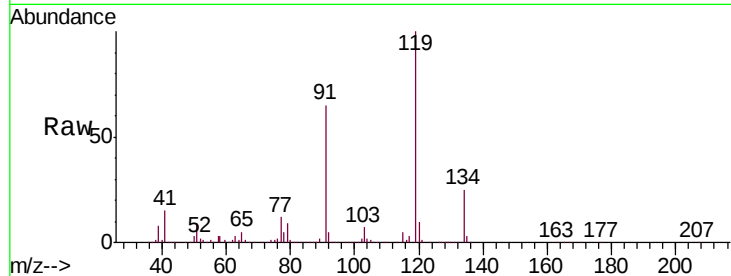




#83
tert-Butylbenzene
Concen: 50.427 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

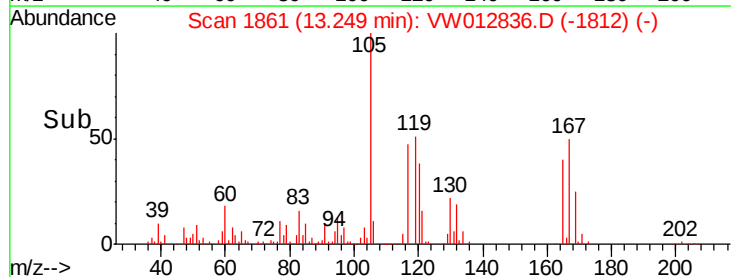
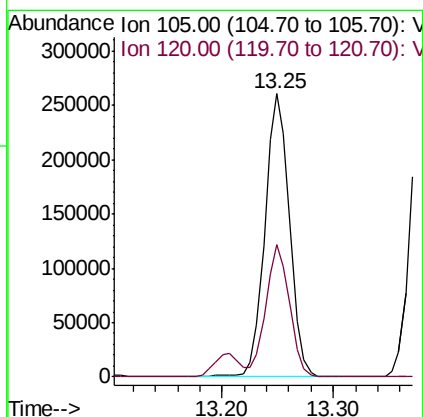
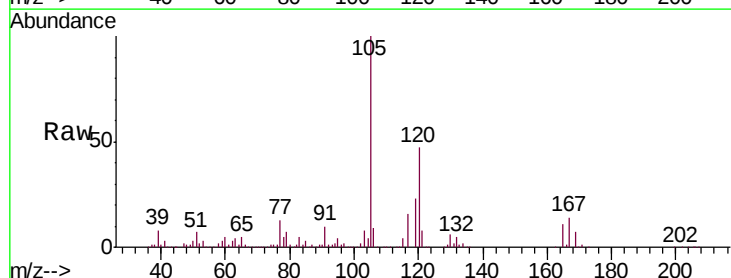
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

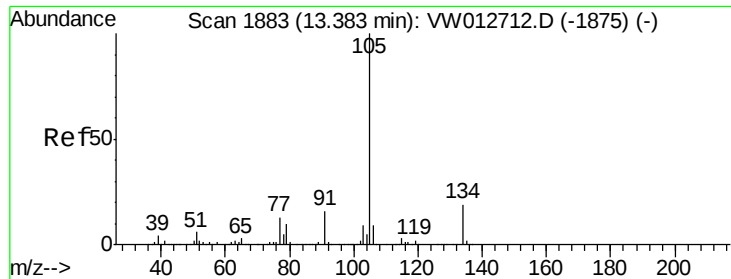
Tgt Ion:119 Resp: 361414
Ion Ratio Lower Upper
119 100
91 65.6 34.2 102.5
134 26.5 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 49.027 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion:105 Resp: 400428
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3

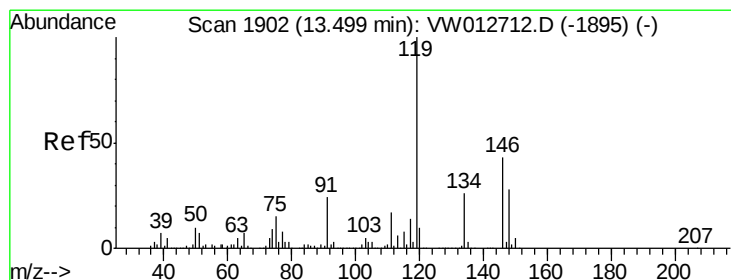
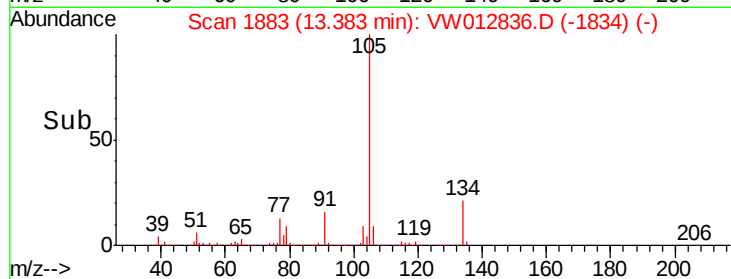
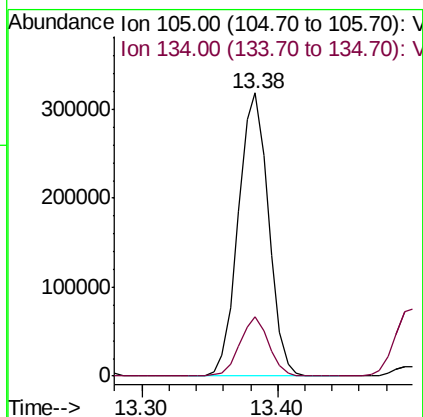
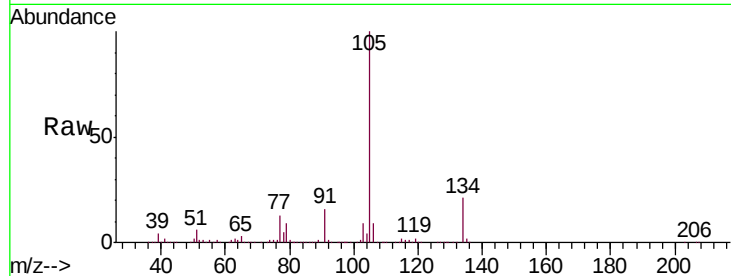




#85
 sec-Butylbenzene
 Concen: 49.693 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

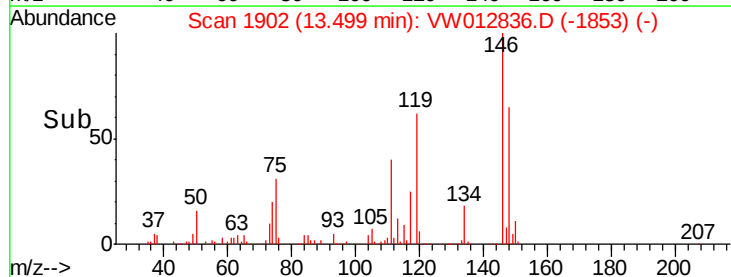
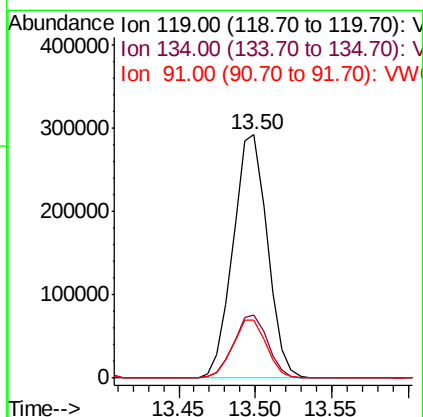
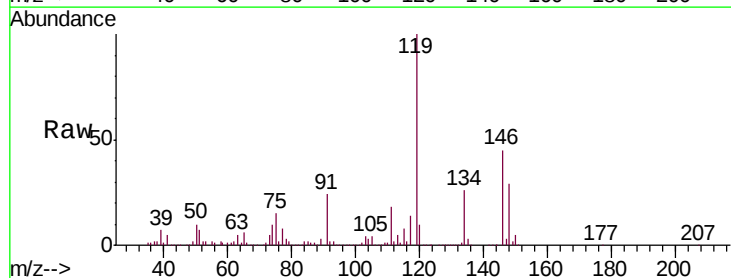
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

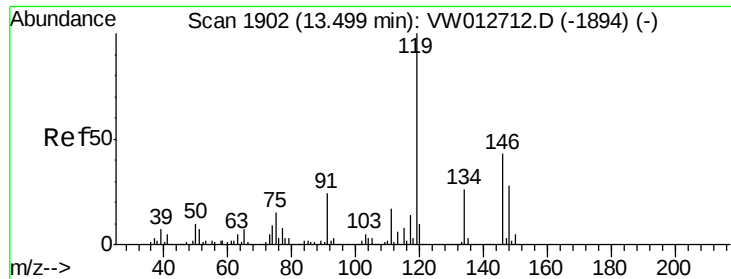
Tgt Ion:105 Resp: 494208
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.873 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion:119 Resp: 453052
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 23.6 12.2 36.6

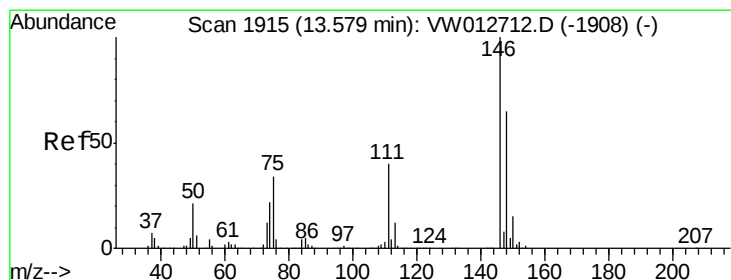
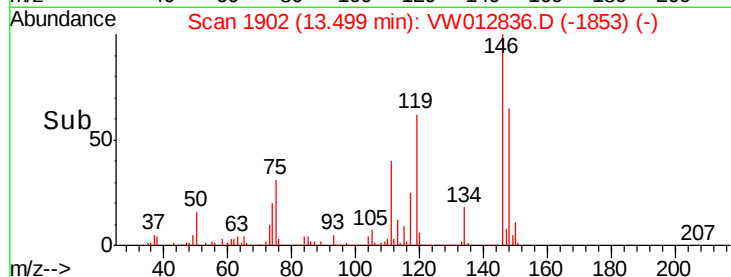
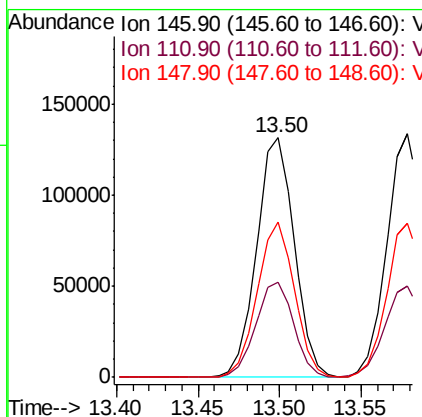
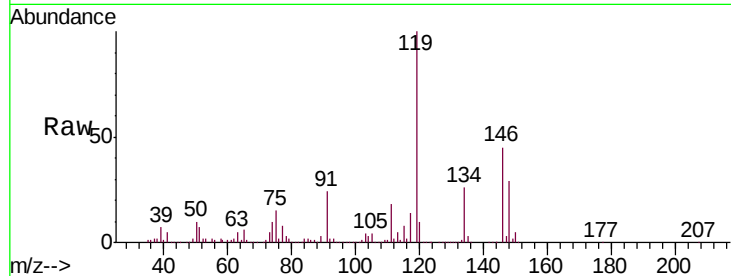




#87
 1,3-Dichlorobenzene
 Concen: 49.280 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

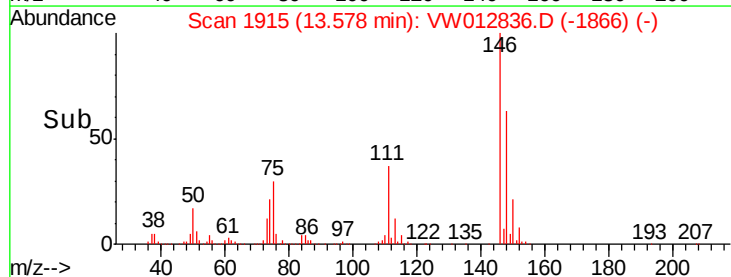
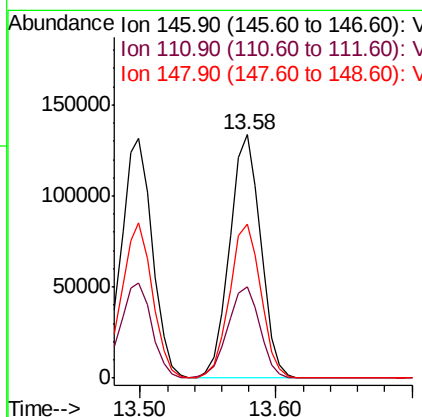
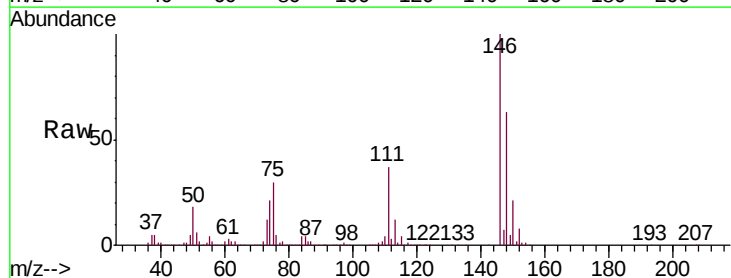
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

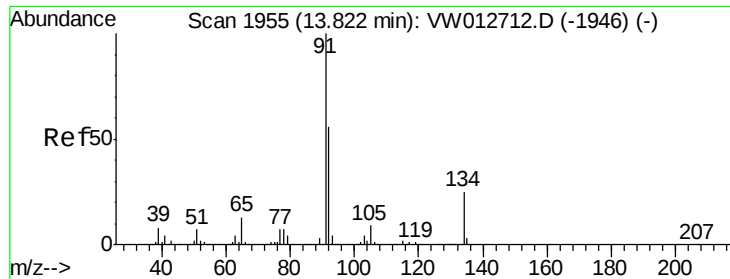
Tgt Ion:146 Resp: 211094
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.2
 148 64.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.779 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion:146 Resp: 212181
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 60.0
 148 63.9 32.2 96.6

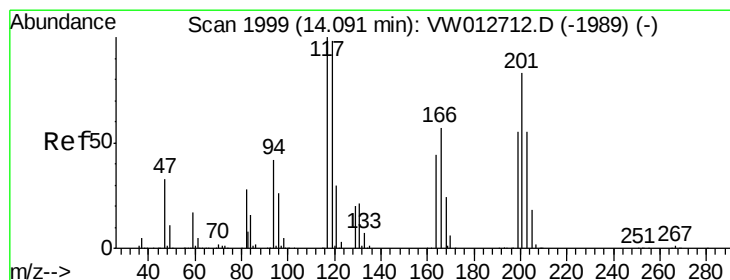
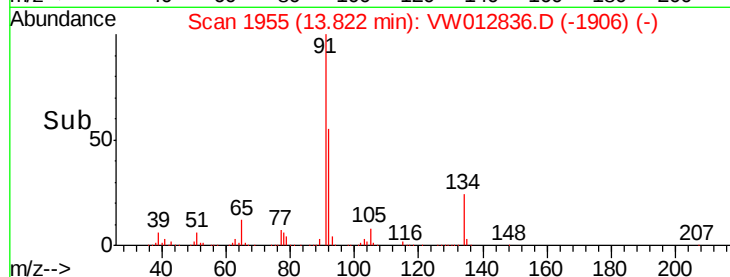
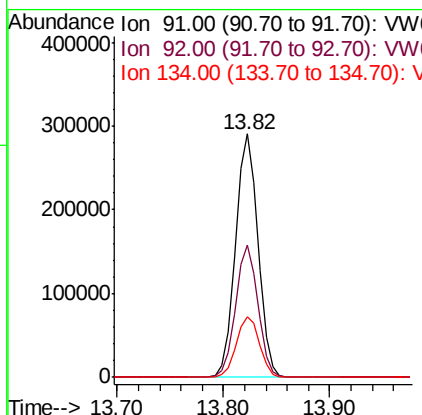
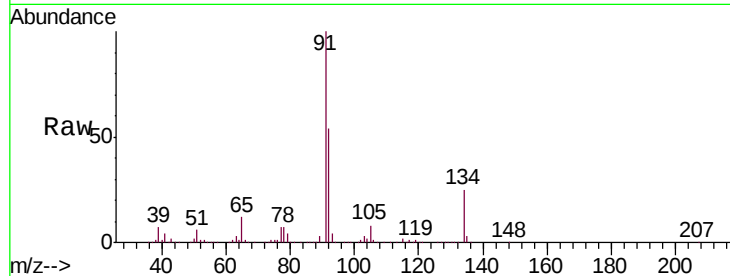




#89
n-Butylbenzene
Concen: 48.918 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

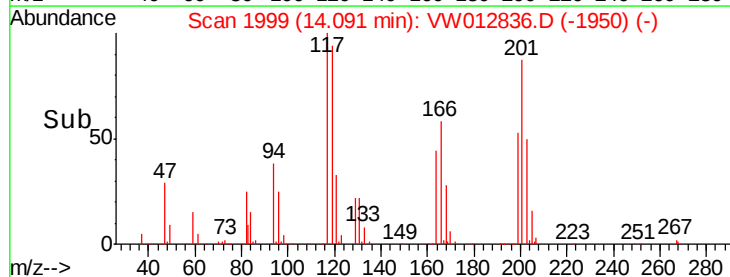
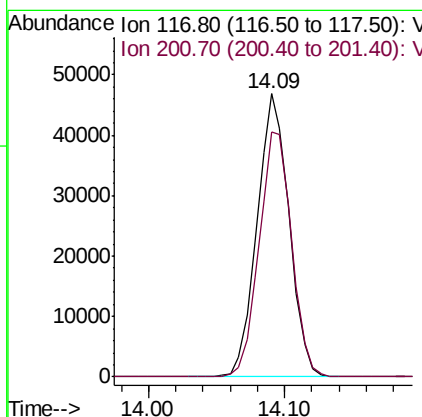
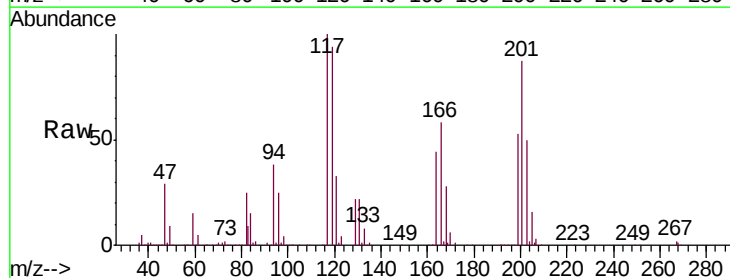
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

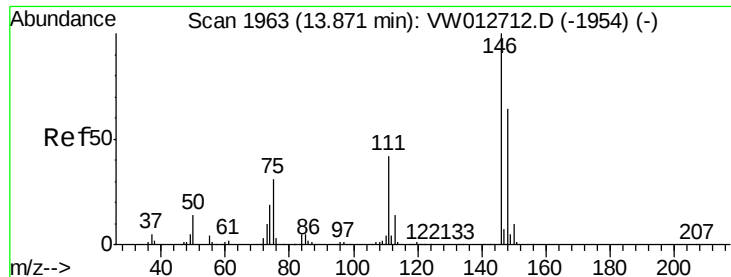
Tgt Ion: 91 Resp: 431415
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.5
134 25.7 12.7 38.1



#90
Hexachloroethane
Concen: 48.861 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 117 Resp: 77486
Ion Ratio Lower Upper
117 100
201 87.8 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 50.301 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

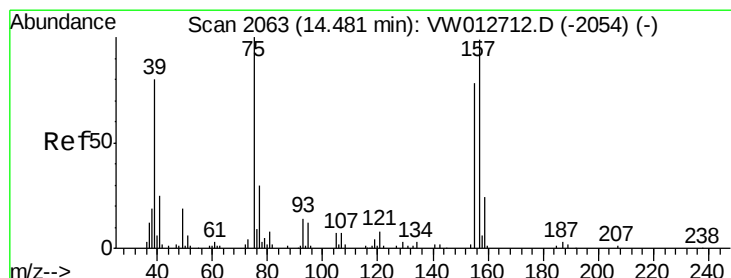
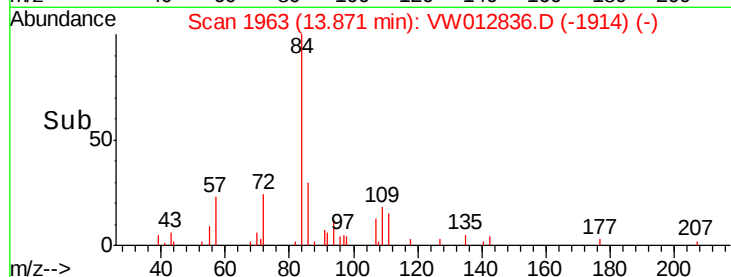
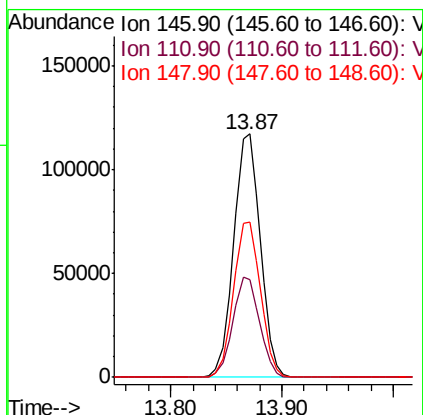
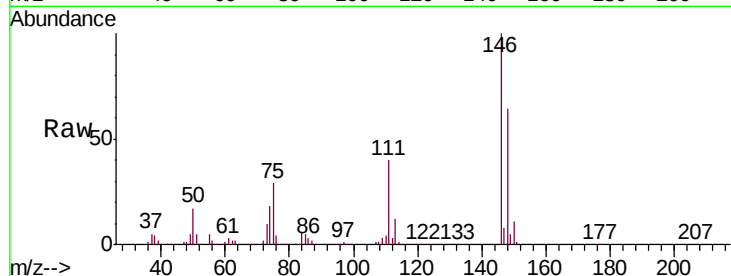
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	193937
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.9
148	64.5	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.419 ug/l

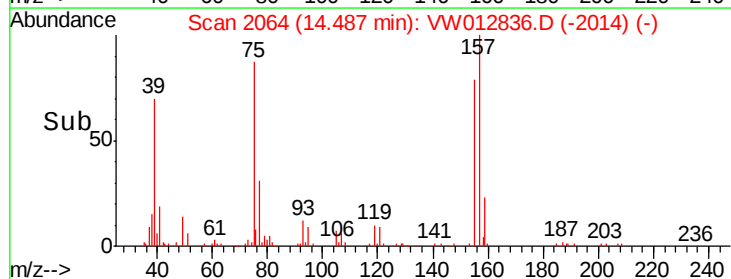
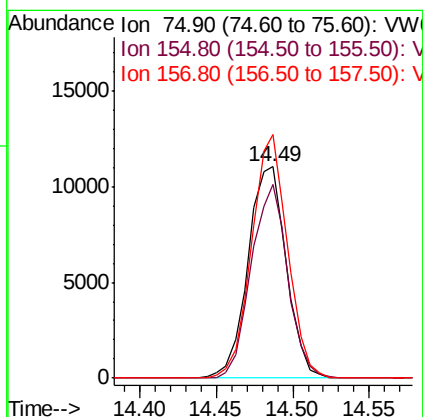
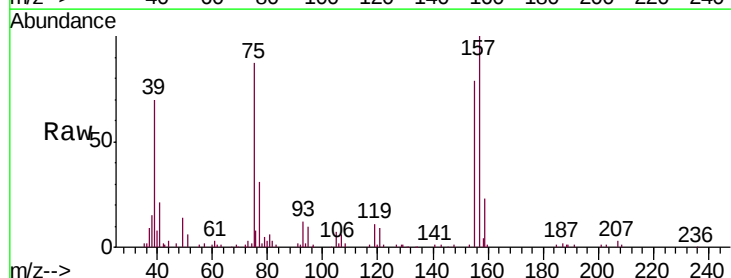
RT: 14.49 min Scan# 2064

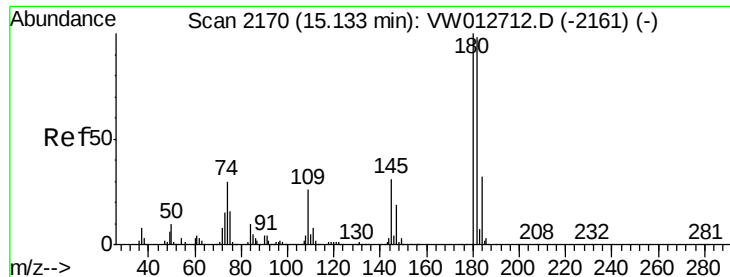
Delta R.T. 0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	75	Resp:	19239
Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.6	122.0
157	107.8	52.5	157.5

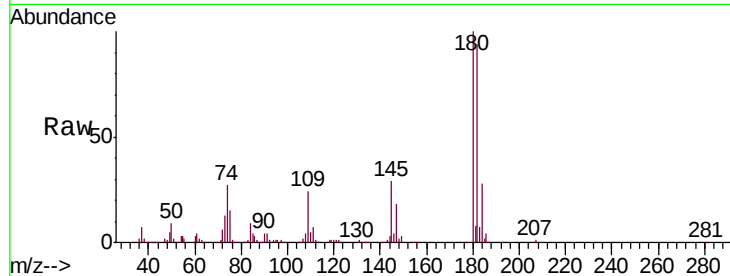




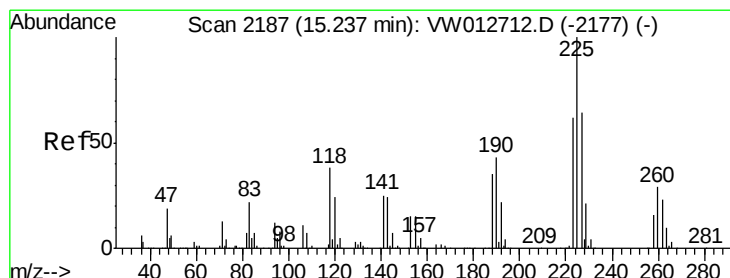
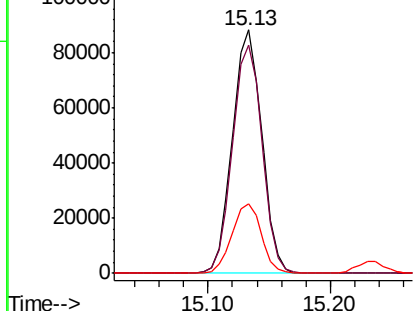
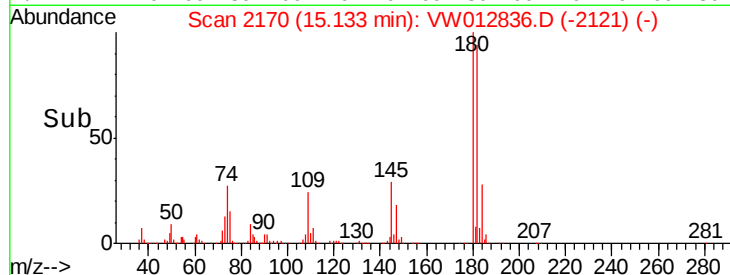
#93
 1,2,4-Trichlorobenzene
 Concen: 54.455 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 146174
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.7 146.1
 145 28.7 15.0 45.1

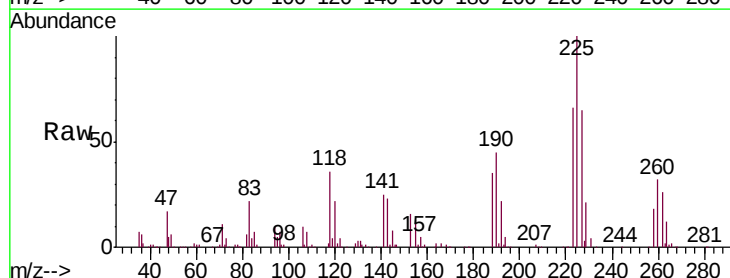


Abundance Ion 179.80 (179.50 to 180.50): V
 120000
 Ion 181.80 (181.50 to 182.50): V
 100000
 Ion 144.80 (144.50 to 145.50): V

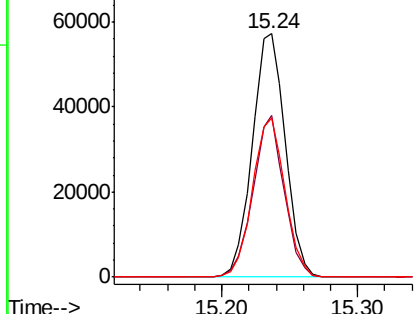
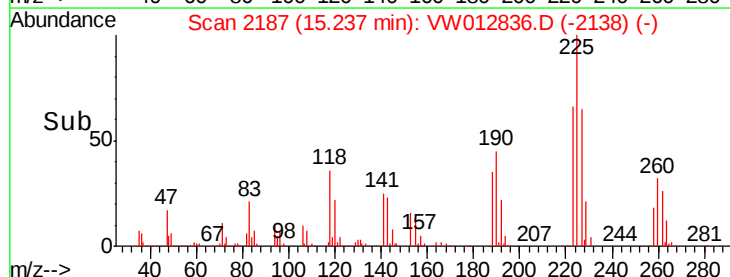


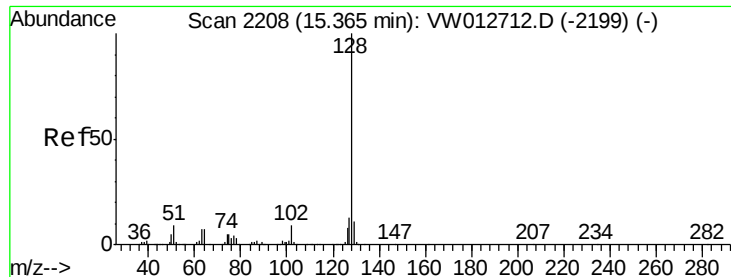
#94
 Hexachlorobutadiene
 Concen: 52.385 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion:225 Resp: 97330
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.3
 227 64.3 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 80000
 Ion 222.70 (222.40 to 223.40): V
 60000
 Ion 226.70 (226.40 to 227.40): V

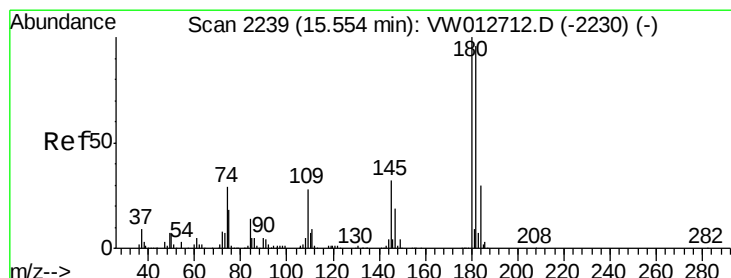
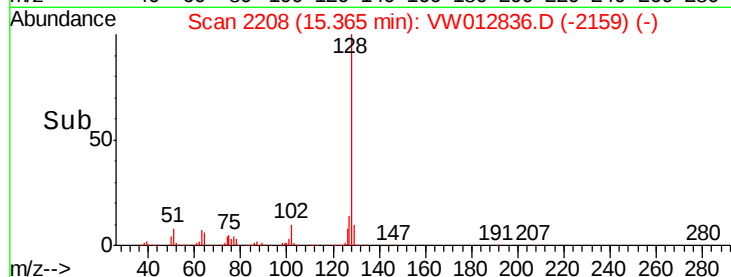
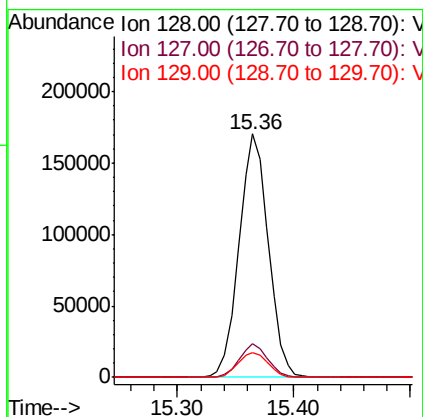
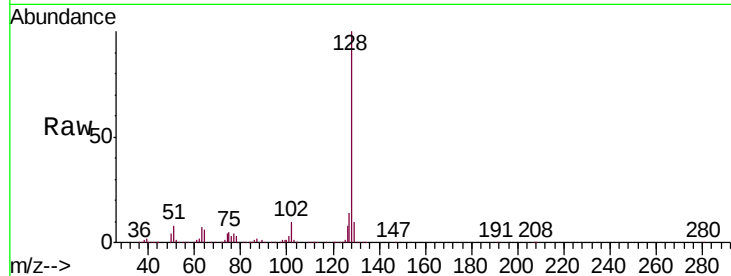




#95
Naphthalene
Concen: 52.748 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 298312
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.162 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion:180 Resp: 133072
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 30.5 15.4 46.2

