

Data File : VW011139.D
Acq On : 03 Jul 2019 13:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 04 03:50:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133975	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	7.88	113	107083	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.32	98	449822	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	157900	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85186	50.695	ug/l	98
3) Chloromethane	2.21	50	109331	48.535	ug/l	97
4) Vinyl Chloride	2.35	62	146904	50.086	ug/l	98
5) Bromomethane	2.77	94	73122	50.086	ug/l	99
6) Chloroethane	2.92	64	81144	52.475	ug/l	99
7) Trichlorofluoromethane	3.25	101	55326	64.190	ug/l	95
8) Diethyl Ether	3.68	74	67213	49.239	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126690	52.263	ug/l	99
10) Methyl Iodide	4.26	142	166801	49.182	ug/l	100
11) Tert butyl alcohol	5.16	59	43967	207.749	ug/l	99
12) 1,1-Dichloroethene	4.03	96	129218	51.212	ug/l	94
13) Acrolein	3.89	56	38828	235.272	ug/l	100
14) Allyl chloride	4.66	41	249117	61.343	ug/l	99
15) Acrylonitrile	5.36	53	164289	244.407	ug/l	100
16) Acetone	4.12	43	204461	287.454	ug/l	97
17) Carbon Disulfide	4.38	76	380169	53.109	ug/l	100
18) Methyl Acetate	4.66	43	80327	43.597	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	177516	49.706	ug/l	98
20) Methylene Chloride	4.92	84	134057	46.388	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	135358	52.060	ug/l	99
22) Diisopropyl ether	6.31	45	500802	51.245	ug/l	97
23) Vinyl Acetate	6.24	43	1546825	256.883	ug/l	99
24) 1,1-Dichloroethane	6.21	63	266578	51.678	ug/l	100
25) 2-Butanone	7.17	43	261562	241.924	ug/l	99
26) 2,2-Dichloropropane	7.16	77	134657	50.277	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	144203	51.510	ug/l	98
28) Bromochloromethane	7.51	49	110133	45.862	ug/l	99
29) Tetrahydrofuran	7.52	42	156963	233.215	ug/l	99
30) Chloroform	7.67	83	241115	51.449	ug/l	100
31) Cyclohexane	7.95	56	275716	49.465	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	187684	53.594	ug/l	99
36) 1,1-Dichloropropene	8.08	75	207619	53.860	ug/l	99
37) Ethyl Acetate	7.25	43	106400	47.447	ug/l	99
38) Carbon Tetrachloride	8.06	117	174623	55.008	ug/l	98

Data File : VW011139.D
Acq On : 03 Jul 2019 13:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 04 03:50:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	256355	54.038	ug/l	99
40) Benzene	8.32	78	563199	53.120	ug/l	99
41) Methacrylonitrile	7.48	41	60962	44.682	ug/l	91
42) 1,2-Dichloroethane	8.40	62	173054	49.781	ug/l	100
43) Isopropyl Acetate	8.42	43	204548	48.217	ug/l	99
44) Trichloroethene	9.09	130	135620	52.928	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150976	52.438	ug/l	97
46) Dibromomethane	9.46	93	66530	49.409	ug/l	99
47) Bromodichloromethane	9.64	83	176390	52.909	ug/l	97
48) Methyl methacrylate	9.43	41	107702	52.361	ug/l	94
49) 1,4-Dioxane	9.44	88	21445	947.205	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	535783	239.932	ug/l	99
52) Toluene	10.38	92	347077	53.470	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	183081	52.723	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	222164	53.633	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94376	49.609	ug/l	97
56) Ethyl methacrylate	10.65	69	143723	50.451	ug/l	96
57) 1,3-Dichloropropane	10.93	76	182529	50.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	361478	250.787	ug/l	99
59) 2-Hexanone	10.97	43	396875	254.853	ug/l	99
60) Dibromochloromethane	11.13	129	104348	52.307	ug/l	99
61) 1,2-Dibromoethane	11.23	107	88458	49.669	ug/l	99
64) Tetrachloroethene	10.86	164	110900	51.570	ug/l	96
65) Chlorobenzene	11.66	112	337526	52.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	118114	54.386	ug/l	99
67) Ethyl Benzene	11.73	91	673010	54.933	ug/l	100
68) m/p-Xylenes	11.84	106	485003	109.097	ug/l	99
69) o-Xylene	12.16	106	225265	54.402	ug/l	100
70) Styrene	12.18	104	391815	54.453	ug/l	99
71) Bromoform	12.35	173	55762	52.667	ug/l #	100
73) Isopropylbenzene	12.46	105	631025	55.908	ug/l	100
74) N-amyl acetate	12.27	43	192788	50.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111984	50.524	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	149106	93.741	ug/l #	100
77) Bromobenzene	12.74	156	132487	53.403	ug/l	99
78) n-propylbenzene	12.80	91	782830	56.008	ug/l	99
79) 2-Chlorotoluene	12.89	91	434111	54.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	531274	55.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35884	48.165	ug/l	98
82) 4-Chlorotoluene	12.99	91	454942	54.671	ug/l	100
83) tert-Butylbenzene	13.21	119	448425	56.212	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	534524	55.280	ug/l	99
85) sec-Butylbenzene	13.38	105	649069	56.008	ug/l	100
86) p-Isopropyltoluene	13.50	119	581227	55.734	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	265276	54.056	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	261590	53.399	ug/l	99
89) n-Butylbenzene	13.82	91	591607	55.814	ug/l	99
90) Hexachloroethane	14.10	117	100661	56.413	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	230542	52.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18708	49.665	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070419\
Quantitation Report (Not Reviewed)

Data File : VW011139.D
Acq On : 03 Jul 2019 13:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 04 03:50:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

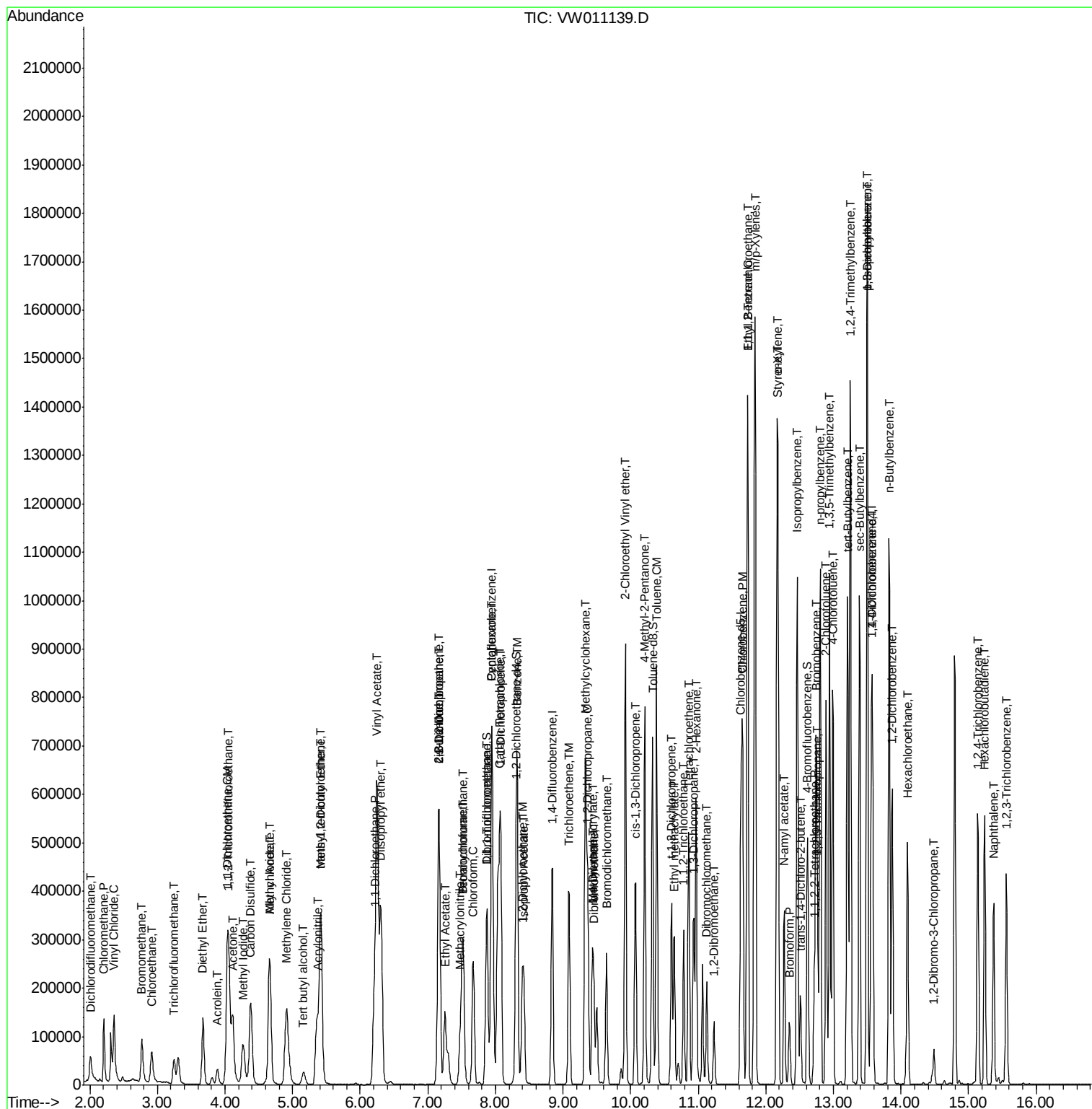
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168963	54.485	ug/l	99
94) Hexachlorobutadiene	15.24	225	102240	54.357	ug/l	99
95) Naphthalene	15.37	128	302128	51.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	143076	51.670	ug/l	100

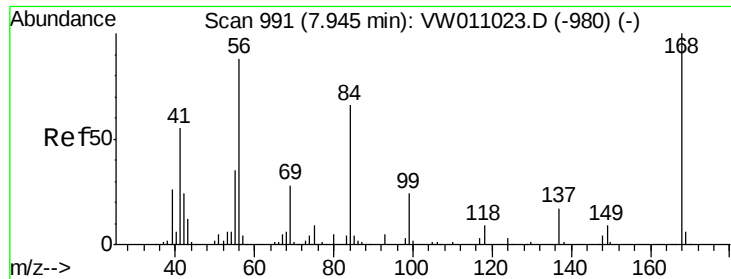
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW011139.D
Acq On : 03 Jul 2019 13:58
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 04 03:50:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

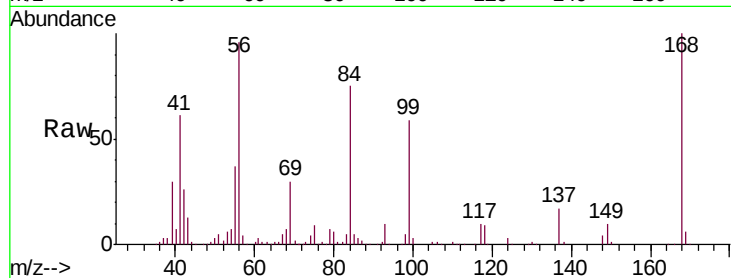
VSTDCCC050

Tgt Ion: 168 Resp: 222905

Ion Ratio Lower Upper

168 100

99 59.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

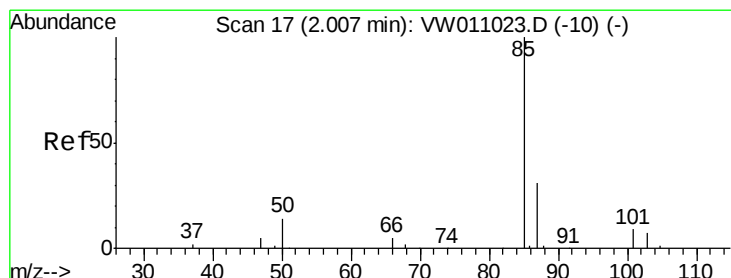
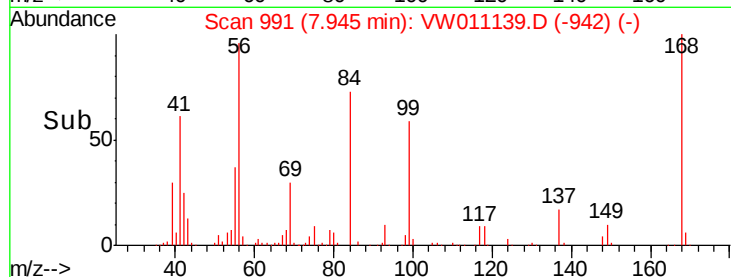
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.695 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011139.D

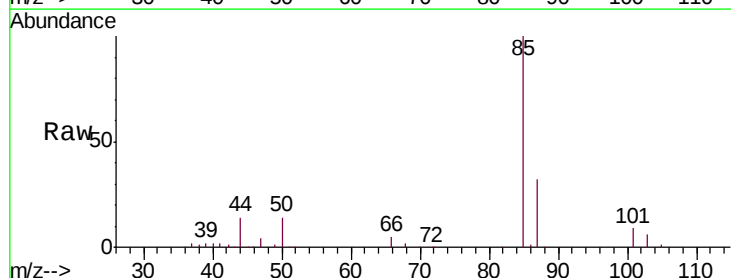
Acq: 03 Jul 2019 13:58

Tgt Ion: 85 Resp: 85186

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

20000

10000

0

1.90

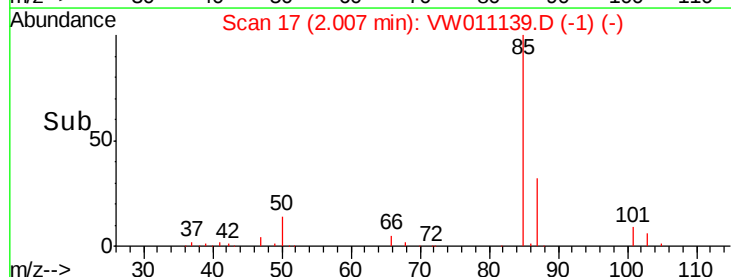
2.00

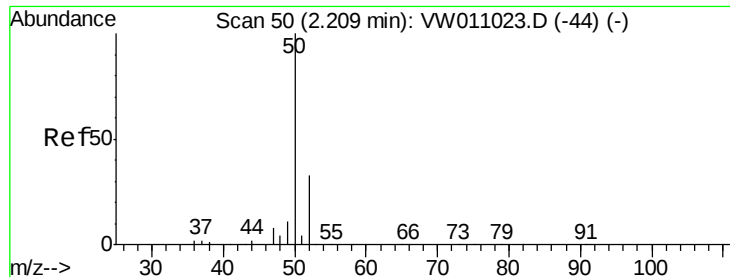
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 48.535 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

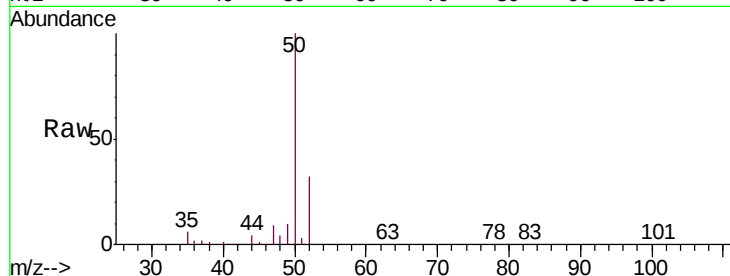
VSTDCCC050

Tgt Ion: 50 Resp: 109331

Ion Ratio Lower Upper

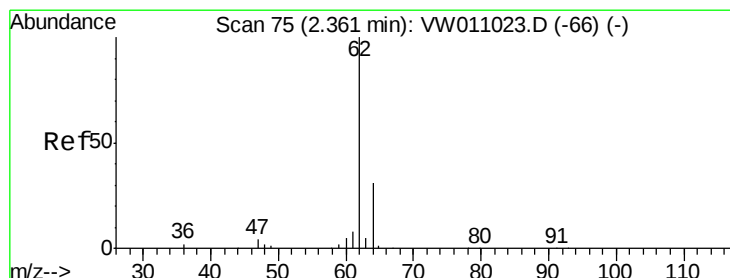
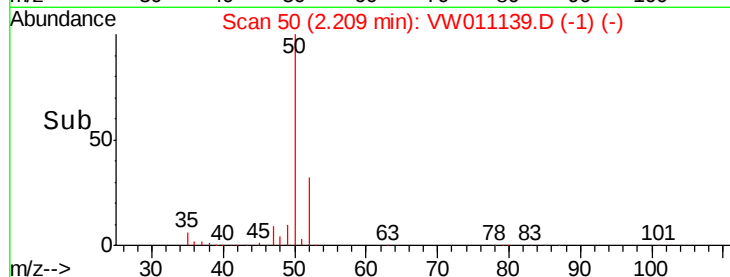
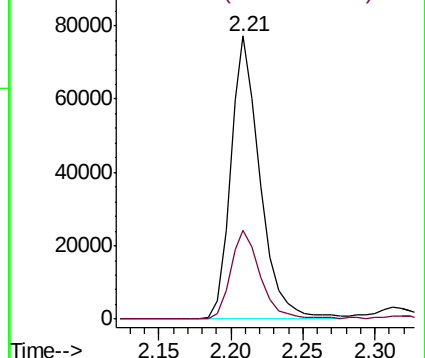
50 100

52 31.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 50.086 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011139.D

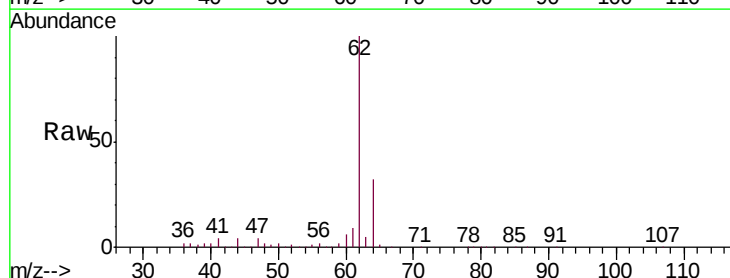
Acq: 03 Jul 2019 13:58

Tgt Ion: 62 Resp: 146904

Ion Ratio Lower Upper

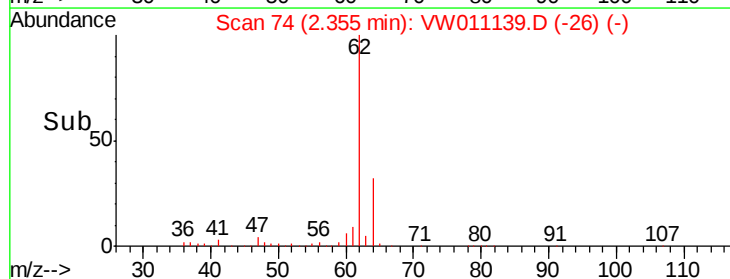
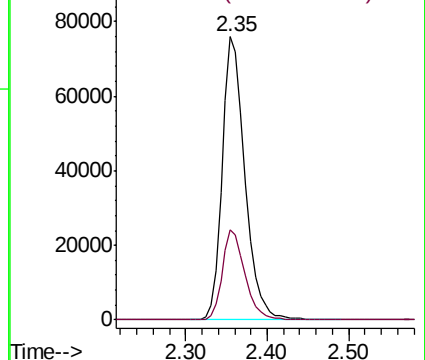
62 100

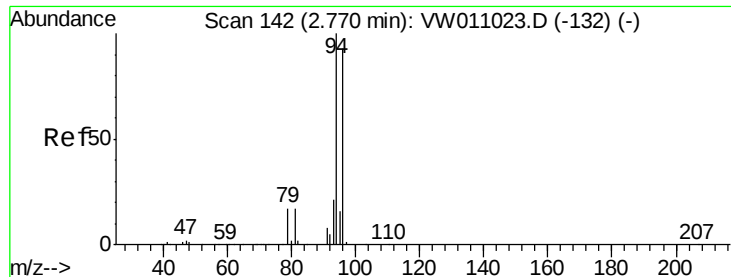
64 31.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 50.086 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

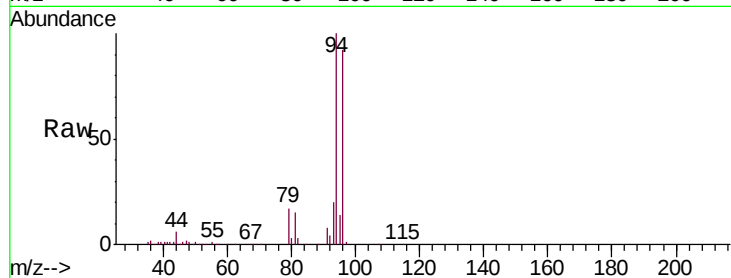
VSTDCCC050

Tgt Ion: 94 Resp: 73122

Ion Ratio Lower Upper

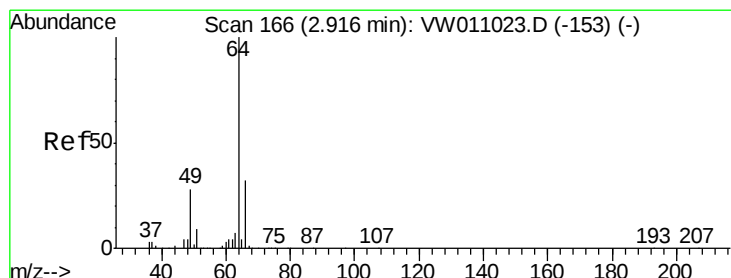
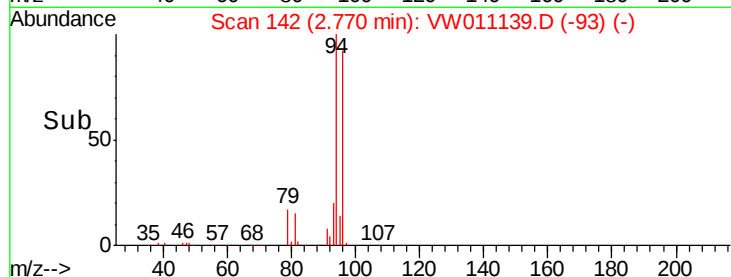
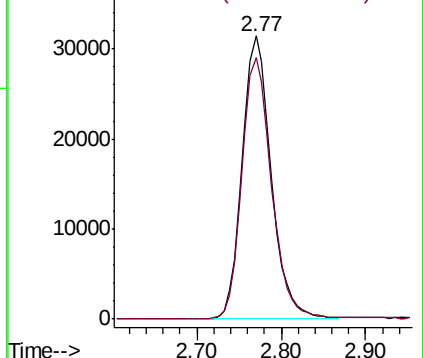
94 100

96 92.2 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 52.475 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011139.D

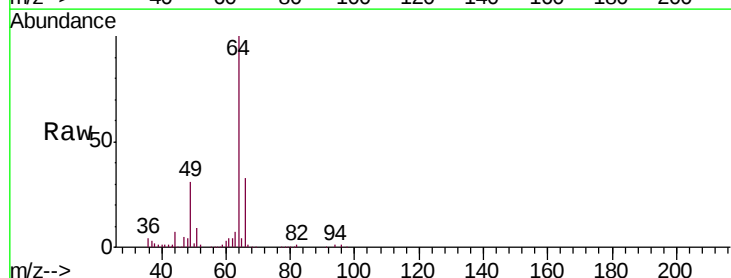
Acq: 03 Jul 2019 13:58

Tgt Ion: 64 Resp: 81144

Ion Ratio Lower Upper

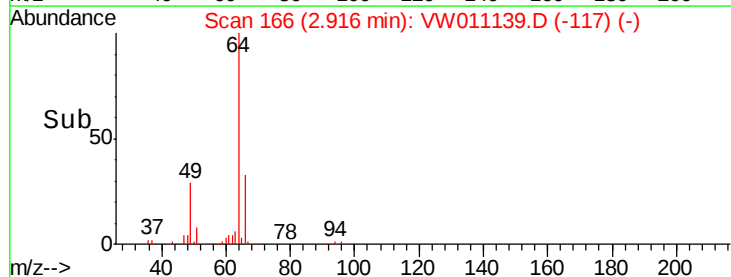
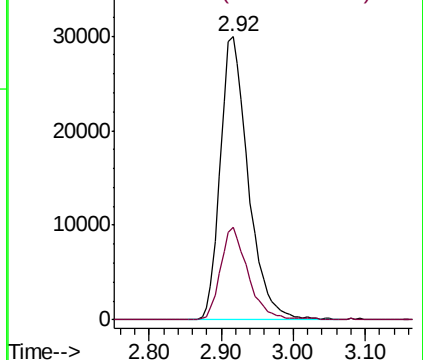
64 100

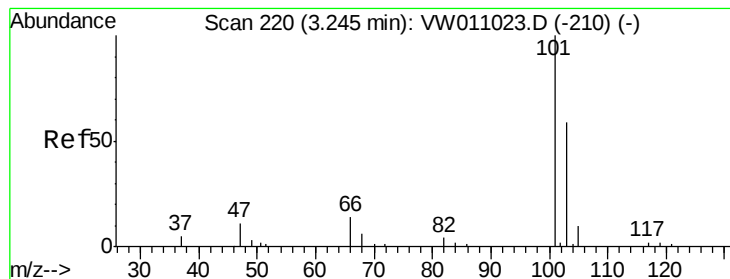
66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



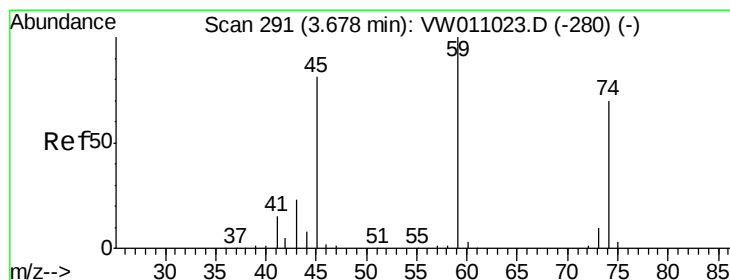
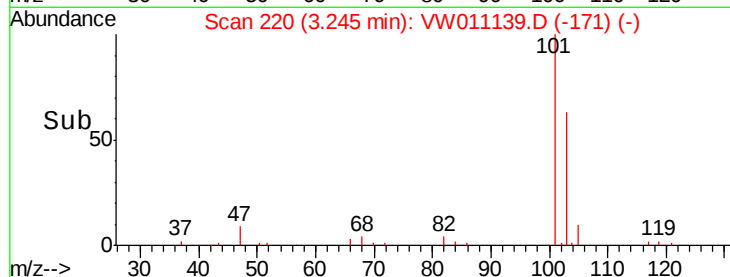
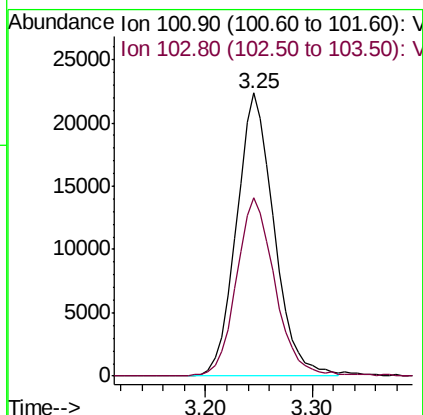
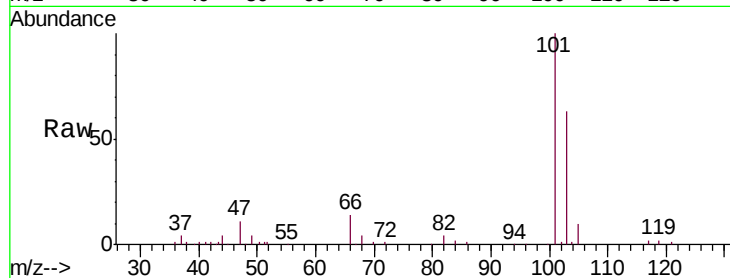


#7

Trichlorofluoromethane
 Concen: 64.190 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

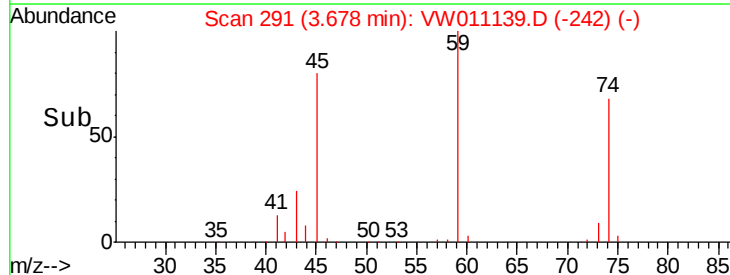
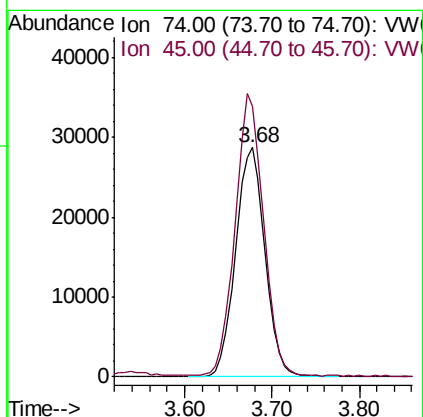
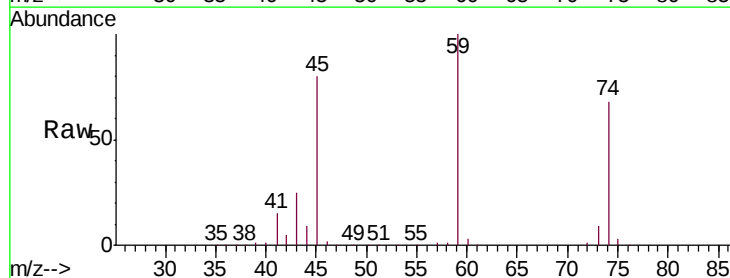
Tgt Ion: 101 Resp: 55326
 Ion Ratio Lower Upper
 101 100
 103 63.0 47.5 71.3

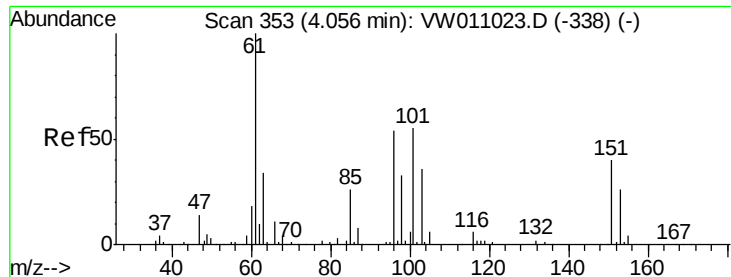


#8

Diethyl Ether
 Concen: 49.239 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 74 Resp: 67213
 Ion Ratio Lower Upper
 74 100
 45 119.1 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.263 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

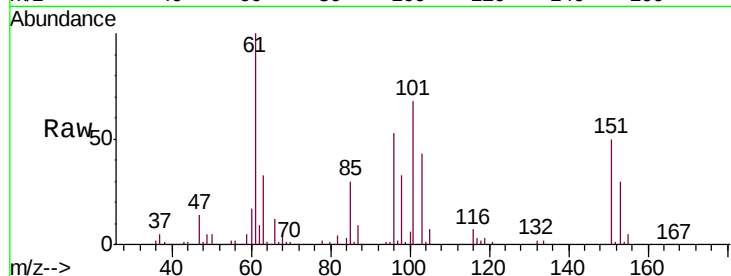
Tgt Ion:101 Resp: 126690

Ion Ratio Lower Upper

101 100

85 45.0 36.6 55.0

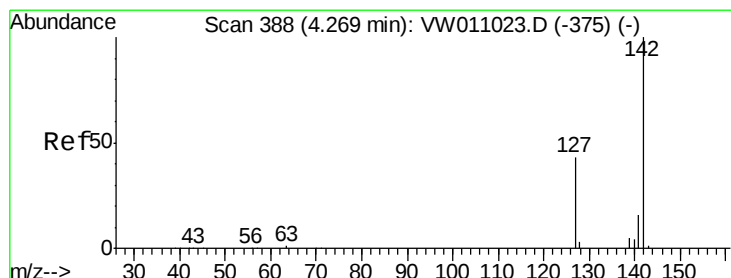
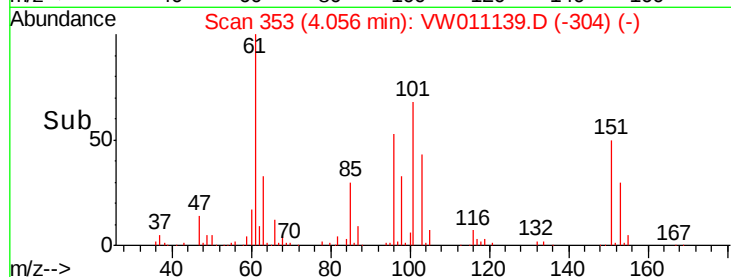
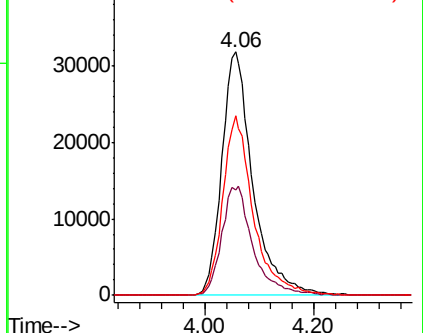
151 72.2 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.182 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

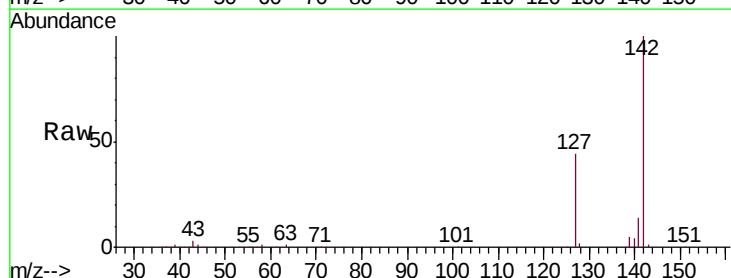
Tgt Ion:142 Resp: 166801

Ion Ratio Lower Upper

142 100

127 44.8 35.8 53.8

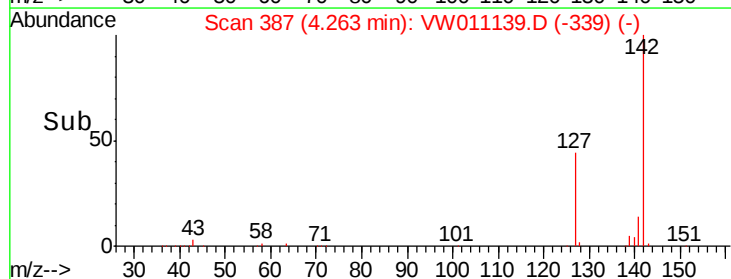
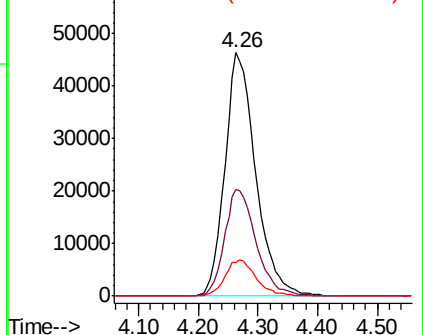
141 14.9 12.2 18.2

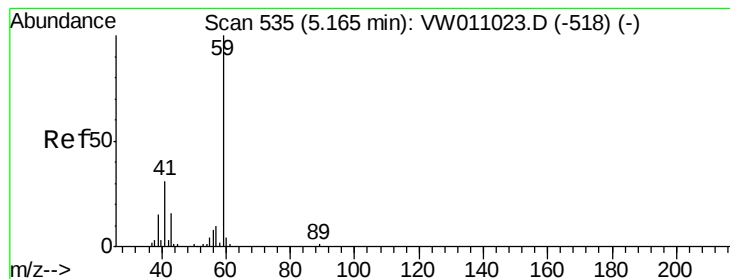


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



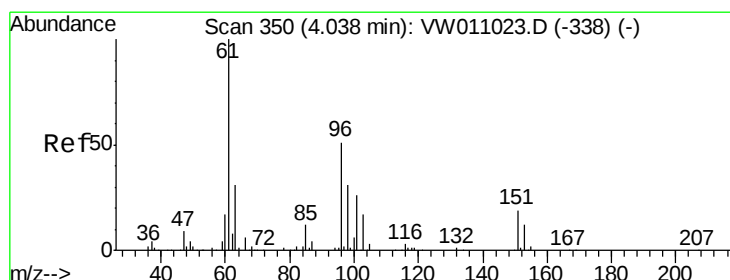
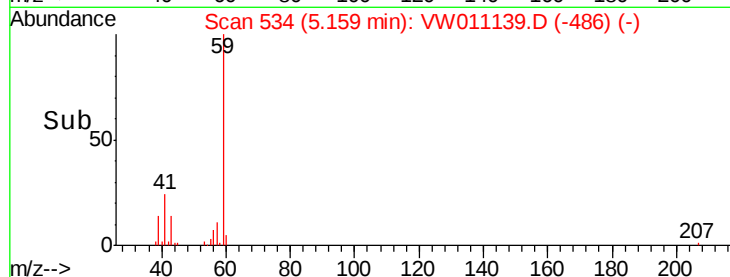
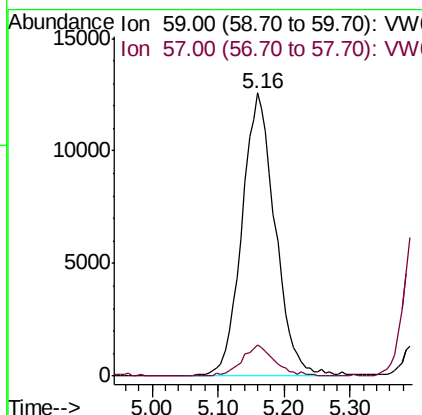
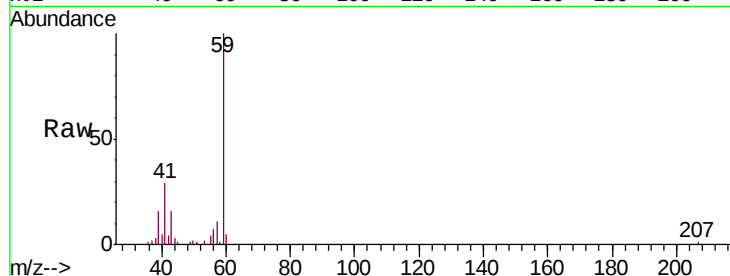


#11

Tert butyl alcohol
 Concen: 207.749 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

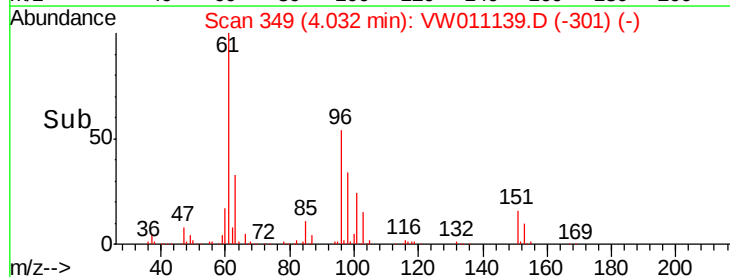
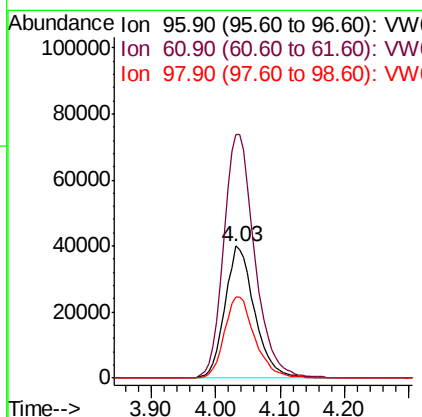
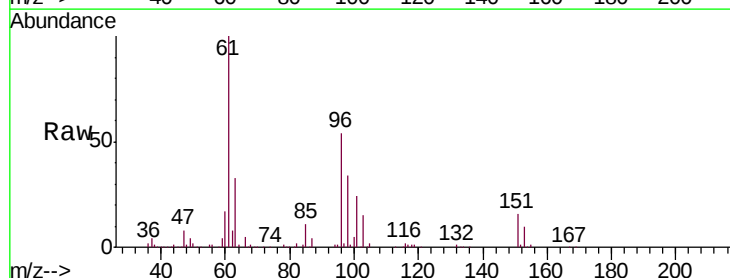
Tgt Ion: 59 Resp: 43967
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.4

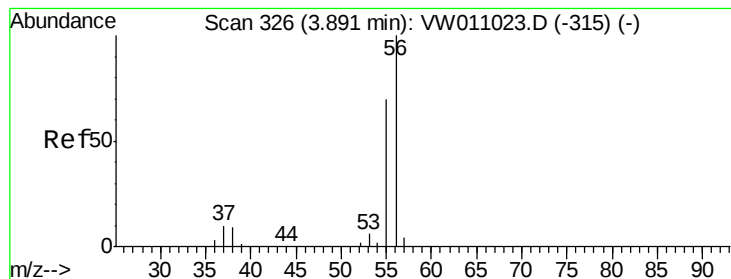


#12

1,1-Dichloroethene
 Concen: 51.212 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 96 Resp: 129218
 Ion Ratio Lower Upper
 96 100
 61 184.6 156.0 234.0
 98 61.9 48.7 73.1





#13

Acrolein

Concen: 235.272 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

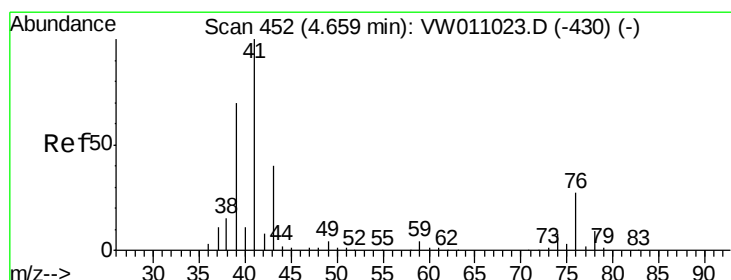
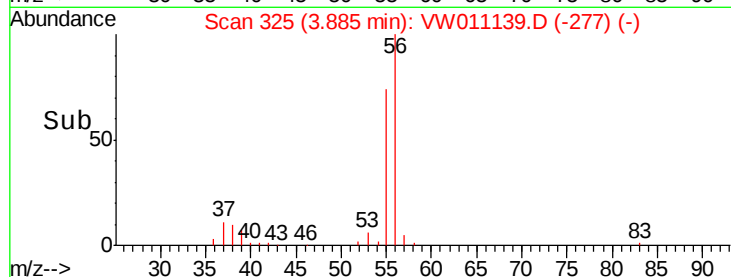
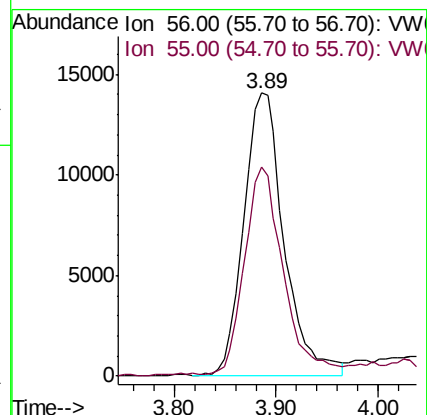
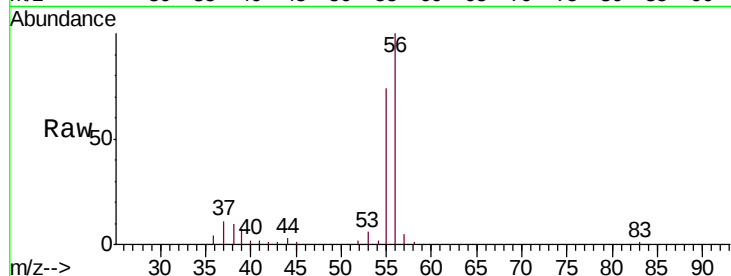
VSTDCCC050

Tgt Ion: 56 Resp: 38828

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 61.343 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

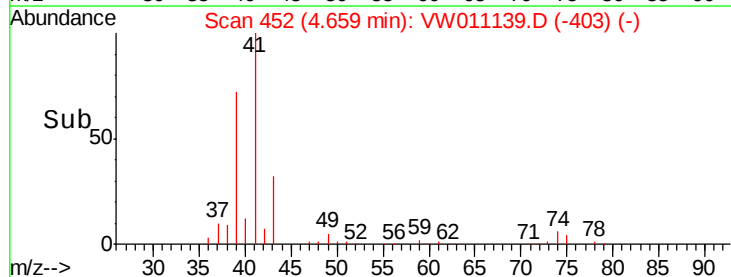
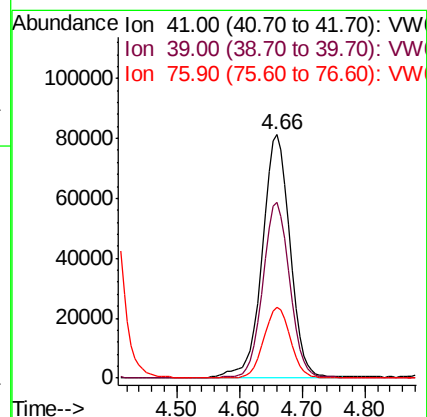
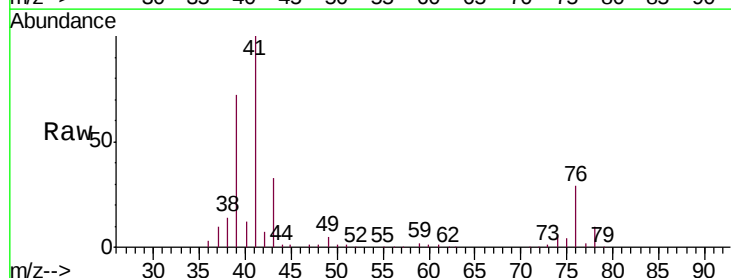
Tgt Ion: 41 Resp: 249117

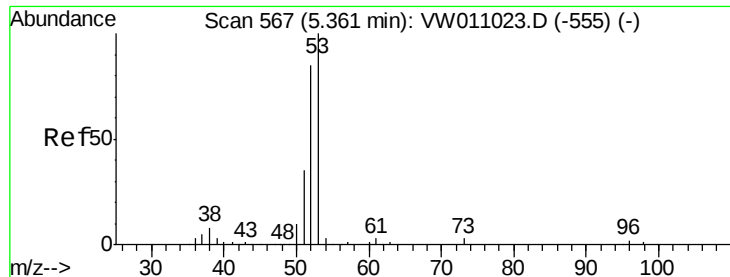
Ion Ratio Lower Upper

41 100

39 70.3 55.4 83.2

76 28.0 22.0 33.0





#15

Acrylonitrile

Concen: 244.407 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

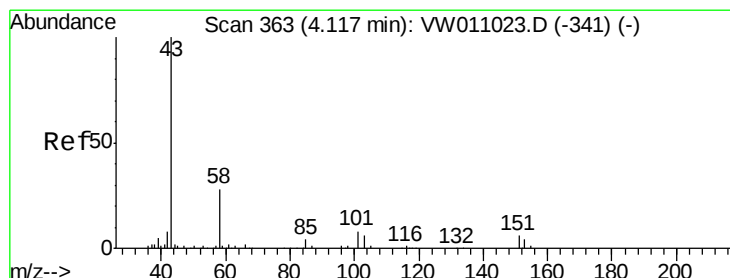
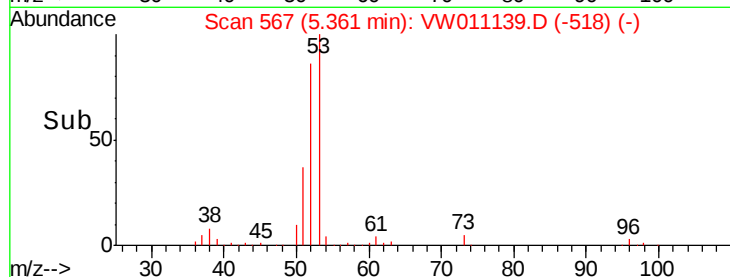
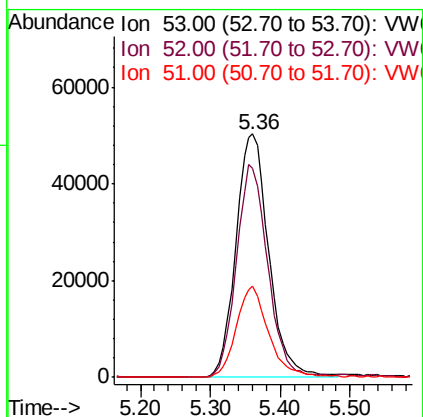
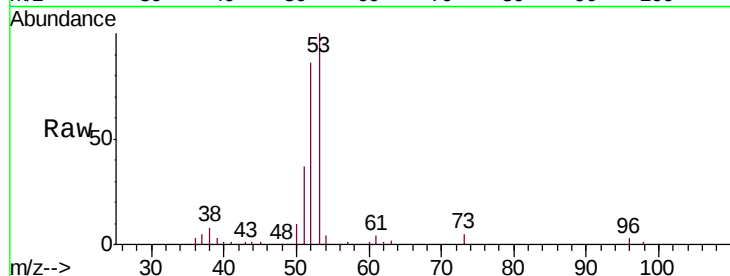
Tgt Ion: 53 Resp: 164289

Ion Ratio Lower Upper

53 100

52 83.4 66.3 99.5

51 37.1 29.8 44.6



#16

Acetone

Concen: 287.454 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011139.D

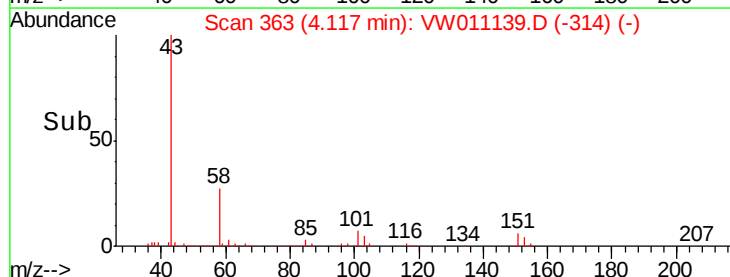
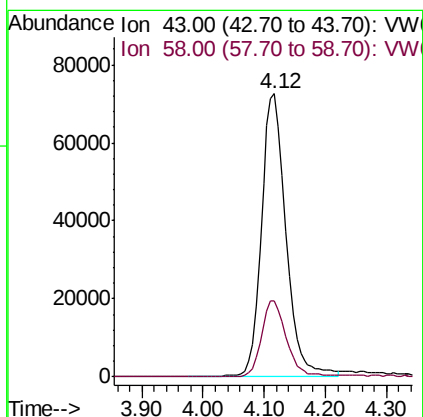
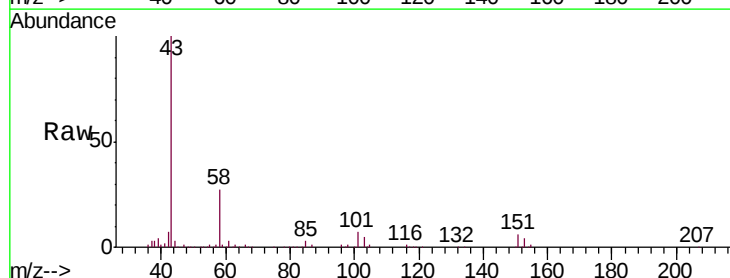
Acq: 03 Jul 2019 13:58

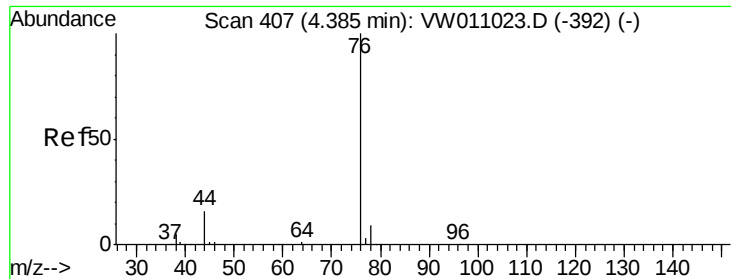
Tgt Ion: 43 Resp: 204461

Ion Ratio Lower Upper

43 100

58 26.7 22.5 33.7

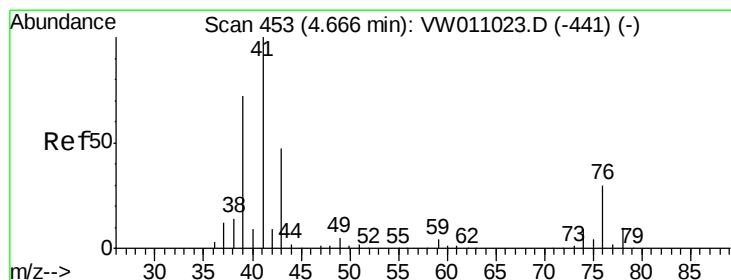
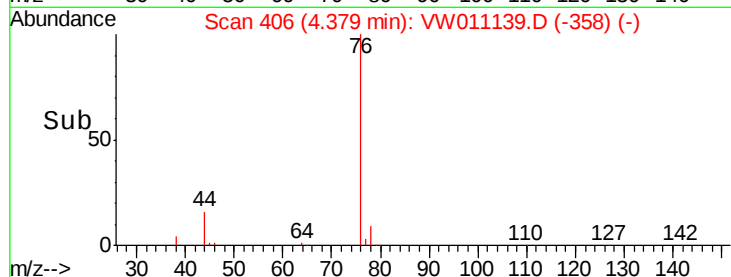
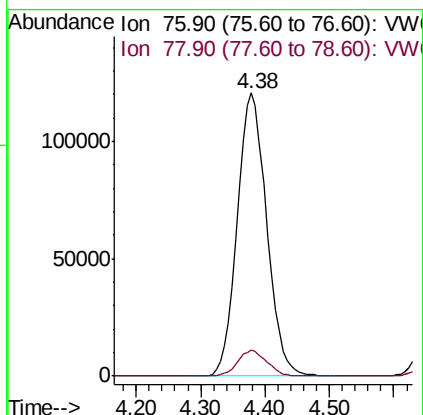
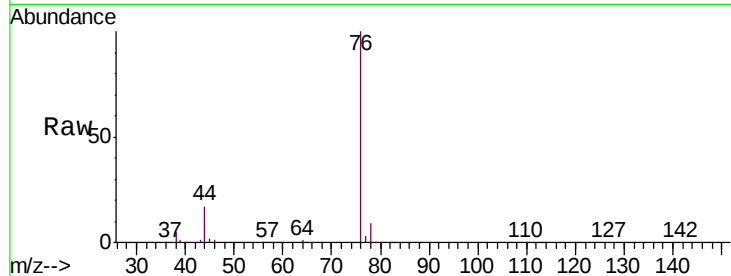




#17
Carbon Disulfide
Concen: 53.109 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

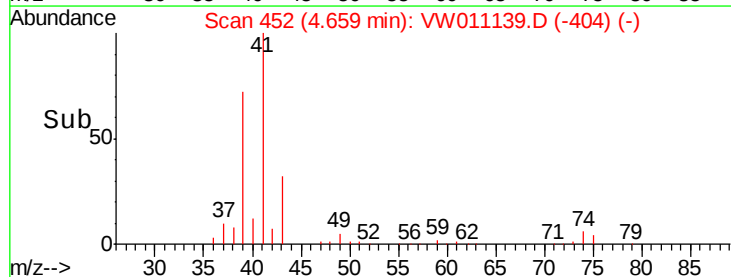
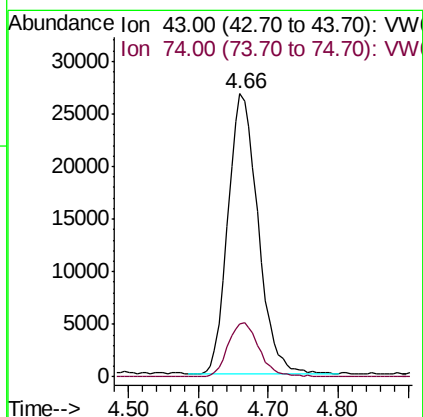
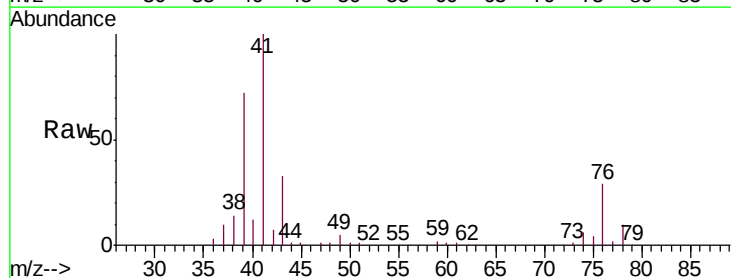
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

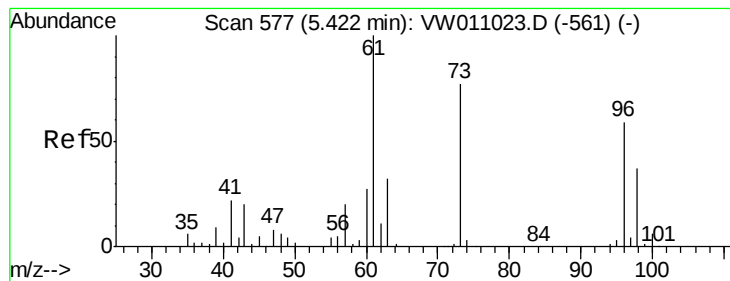
Tgt Ion: 76 Resp: 380169
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 43.597 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 43 Resp: 80327
Ion Ratio Lower Upper
43 100
74 19.9 15.8 23.8



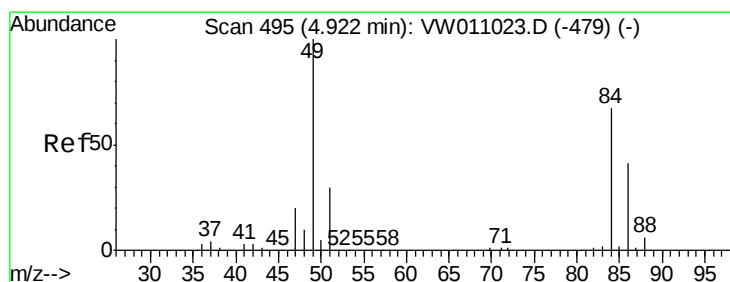
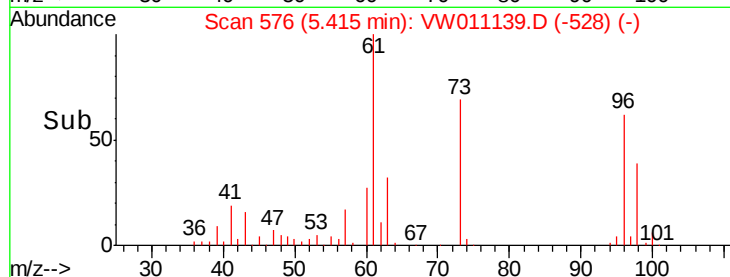
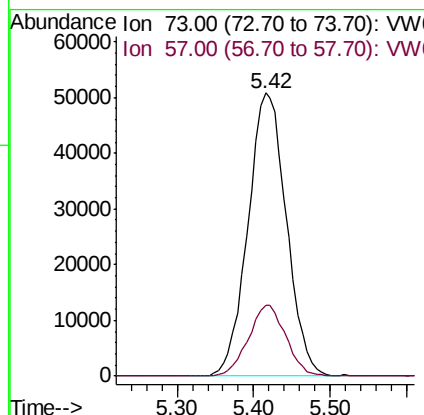
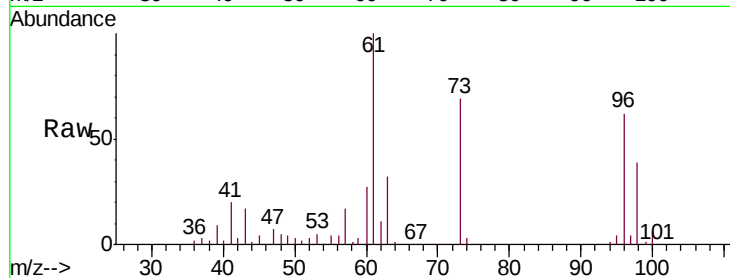


#19

Methyl tert-butyl Ether
 Concen: 49.706 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

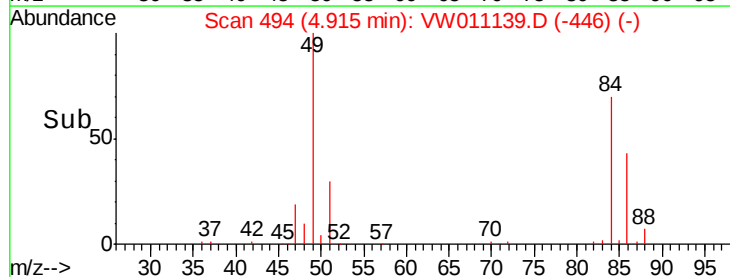
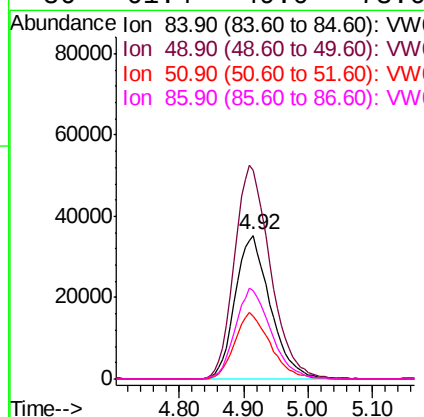
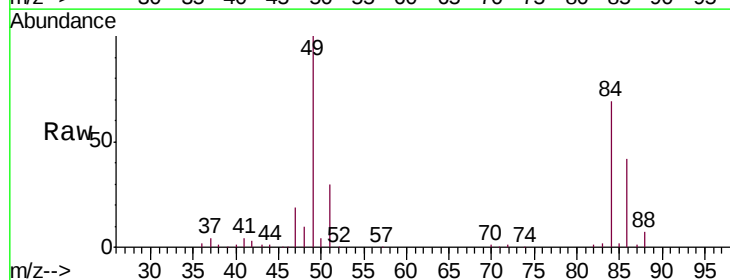
Tgt Ion: 73 Resp: 177516
 Ion Ratio Lower Upper
 73 100
 57 24.9 20.8 31.2

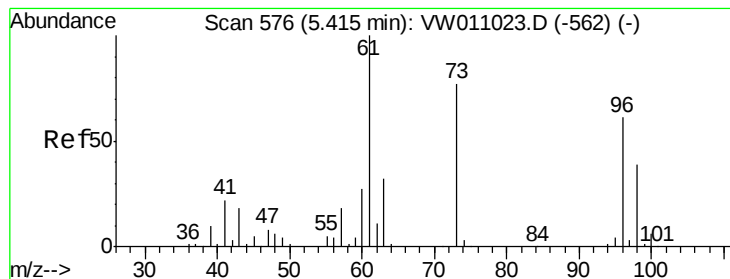


#20

Methylene Chloride
 Concen: 46.388 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 84 Resp: 134057
 Ion Ratio Lower Upper
 84 100
 49 145.1 119.6 179.4
 51 43.7 35.6 53.4
 86 61.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 52.060 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

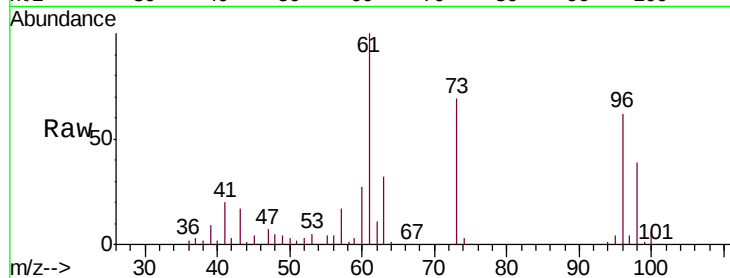
Tgt Ion: 96 Resp: 135358

Ion Ratio Lower Upper

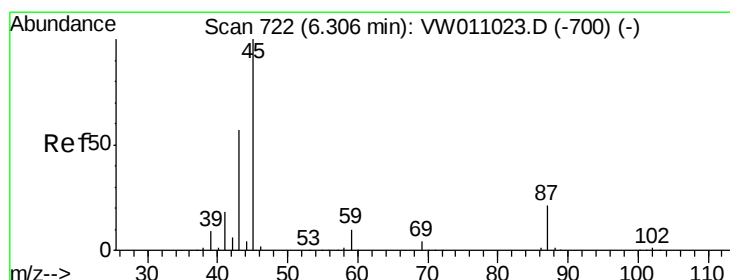
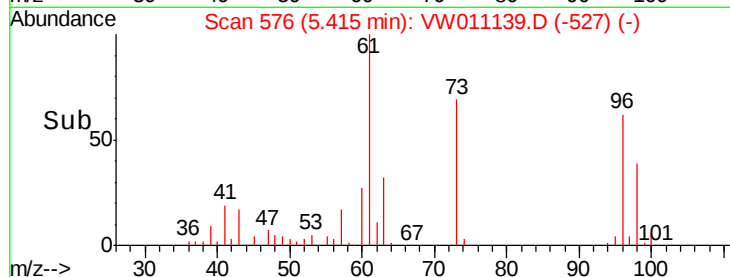
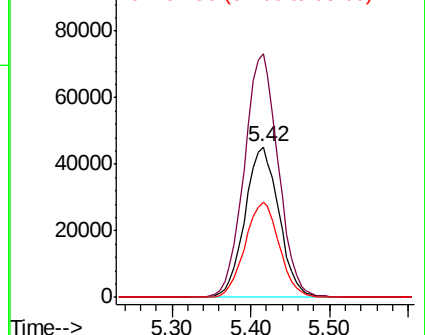
96 100

61 161.5 131.0 196.4

98 62.7 50.8 76.2



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



#22

Diisopropyl ether

Concen: 51.245 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Tgt Ion: 45 Resp: 500802

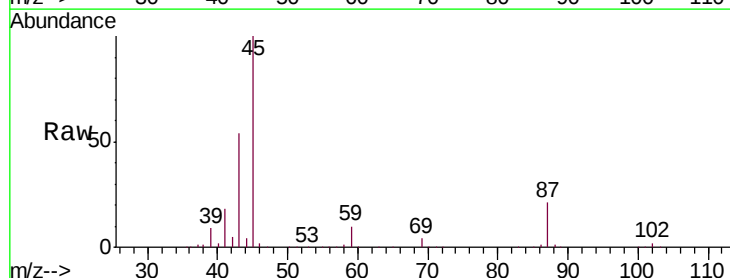
Ion Ratio Lower Upper

45 100

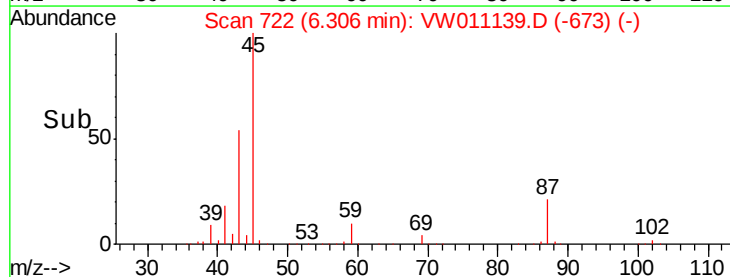
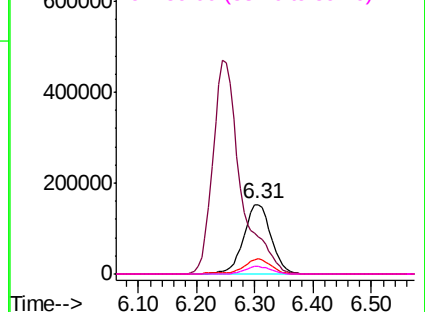
43 53.5 45.8 68.6

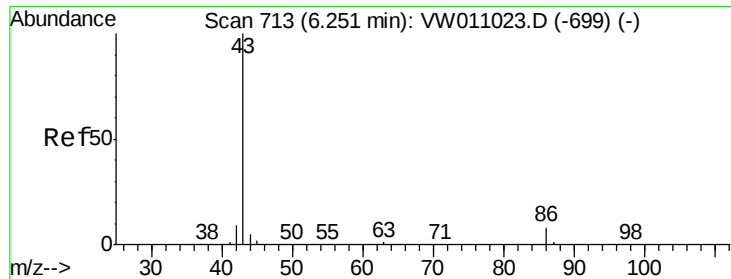
87 21.3 17.1 25.7

59 10.4 8.2 12.4



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





#23

Vinyl Acetate

Concen: 256.883 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

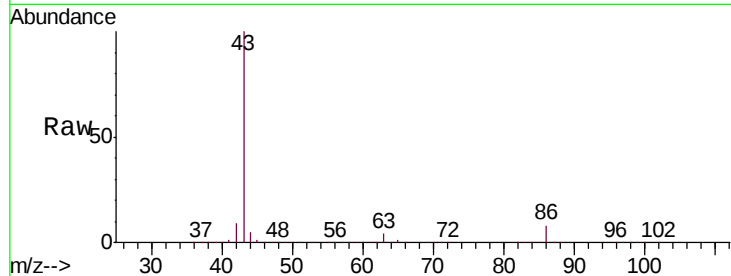
VSTDCCC050

Tgt Ion: 43 Resp: 1546825

Ion Ratio Lower Upper

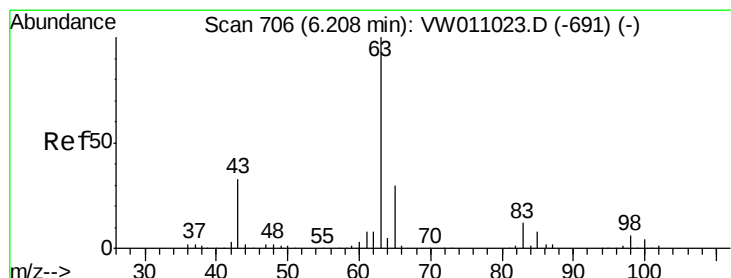
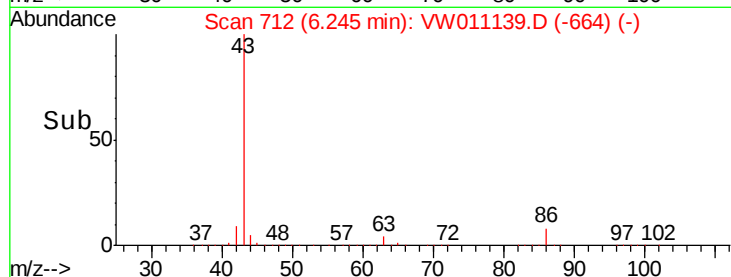
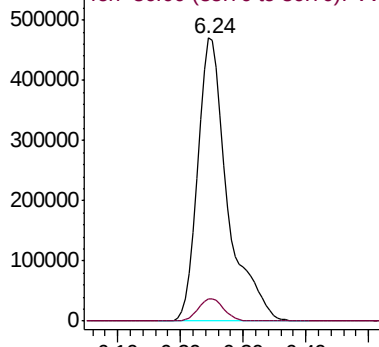
43 100

86 8.0 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.678 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

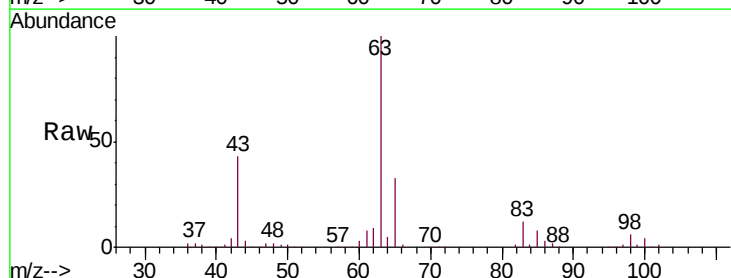
Tgt Ion: 63 Resp: 266578

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

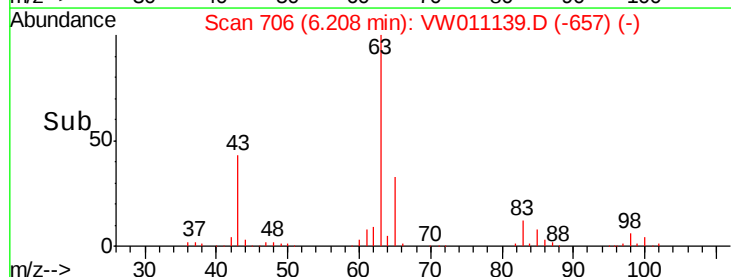
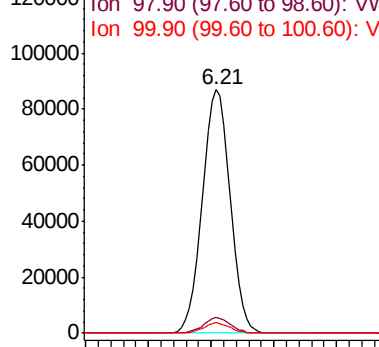
100 4.2 2.1 6.2

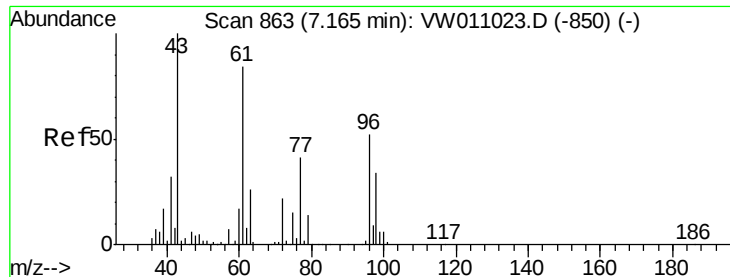


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 241.924 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

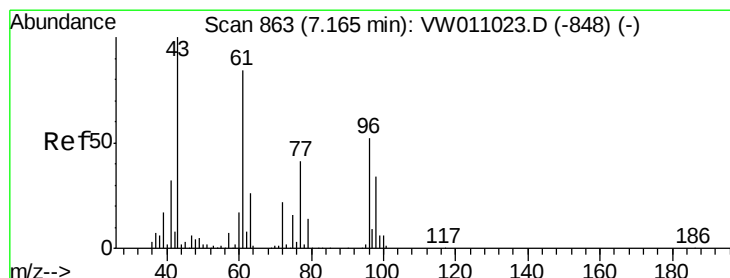
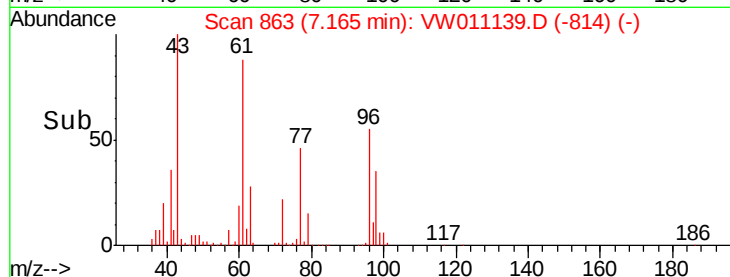
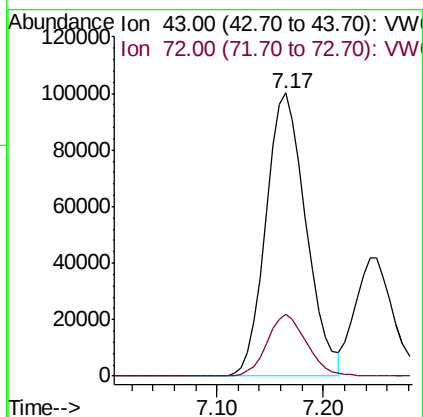
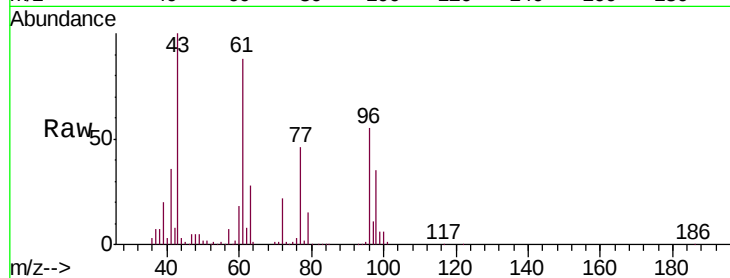
VSTDCCC050

Tgt Ion: 43 Resp: 261562

Ion Ratio Lower Upper

43 100

72 21.9 17.2 25.8



#26

2,2-Dichloropropane

Concen: 50.277 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011139.D

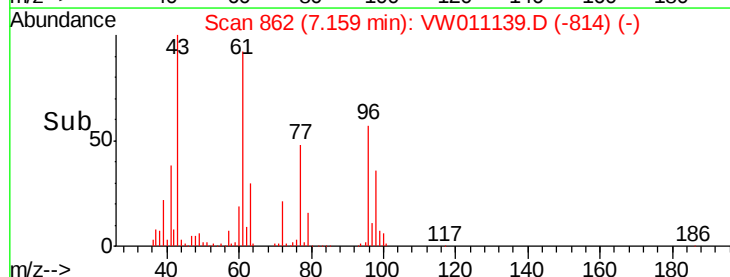
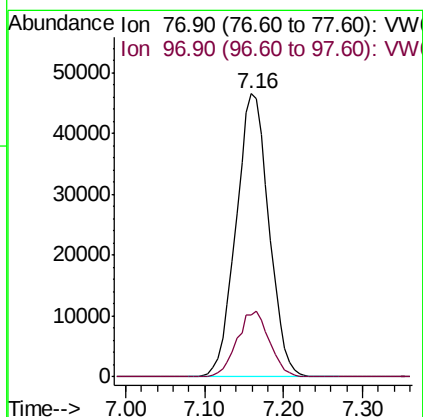
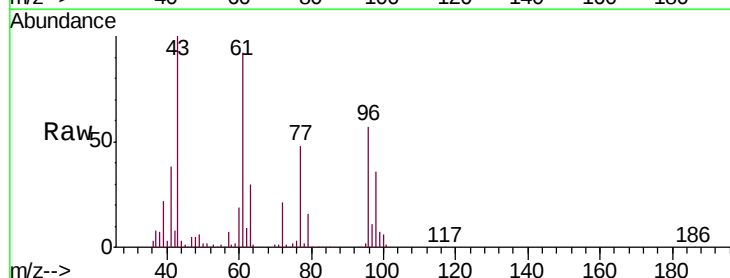
Acq: 03 Jul 2019 13:58

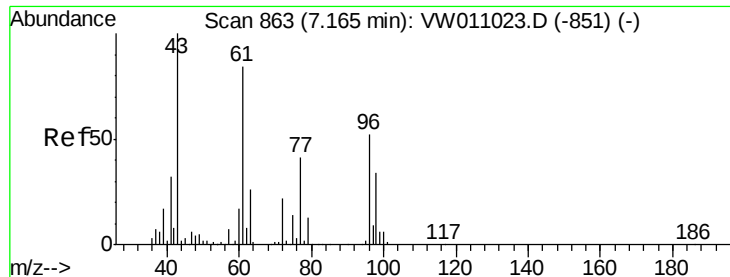
Tgt Ion: 77 Resp: 134657

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.7



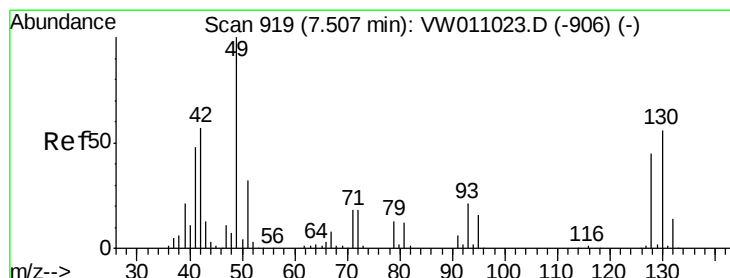
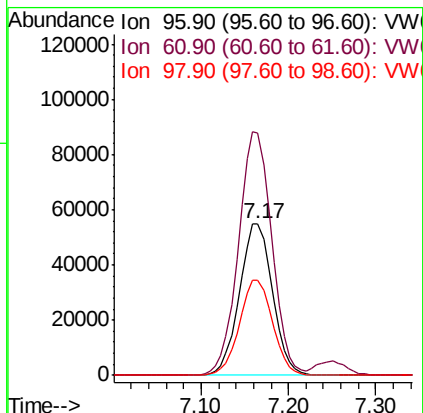
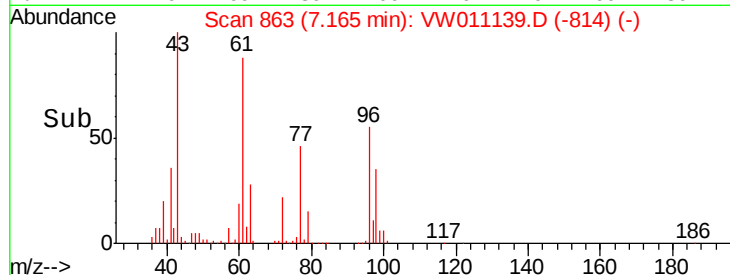
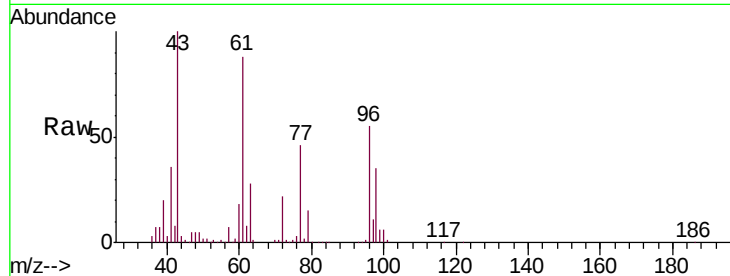


#27

cis-1,2-Dichloroethene
 Concen: 51.510 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

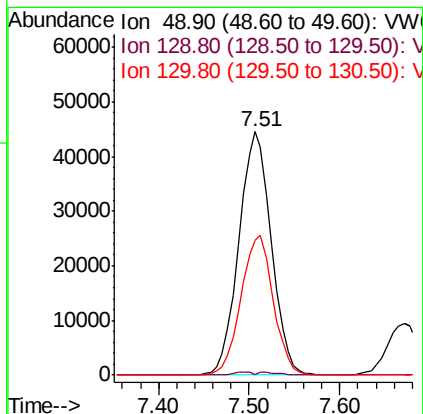
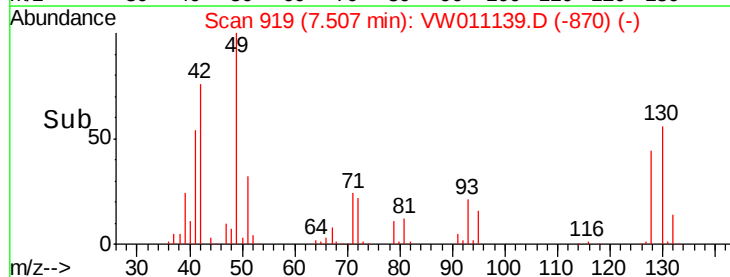
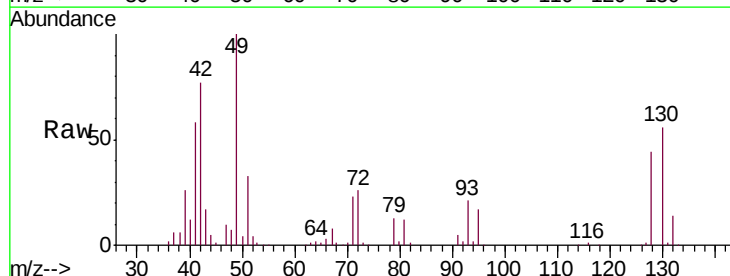
Tgt Ion: 96 Resp: 144203
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 330.4
 98 63.0 0.0 129.4

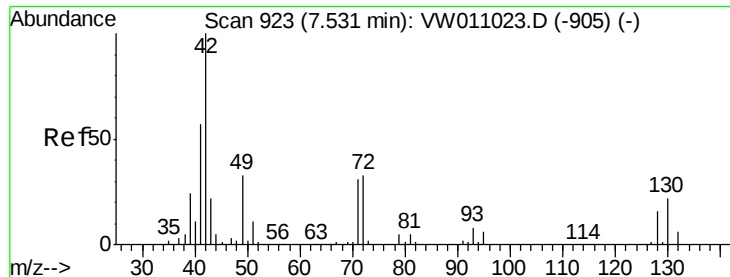


#28

Bromochloromethane
 Concen: 45.862 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 49 Resp: 110133
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.4
 130 57.0 46.1 69.1

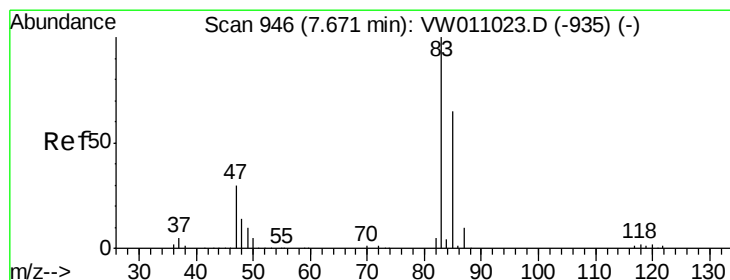
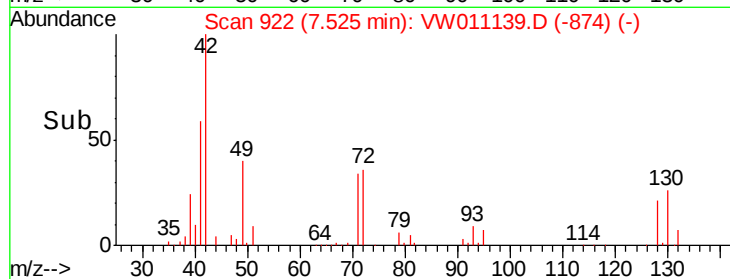
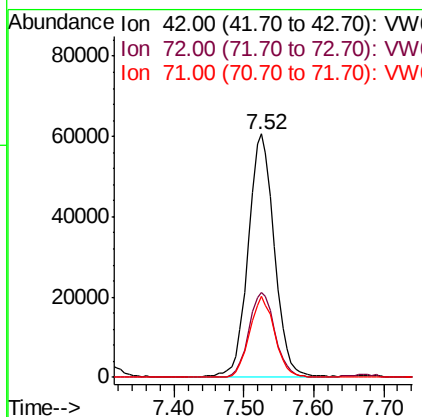
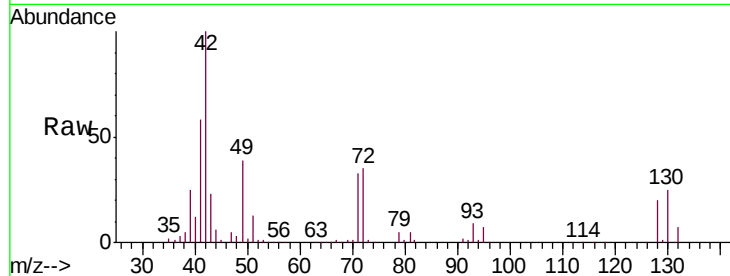




#29
Tetrahydrofuran
Concen: 233.215 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

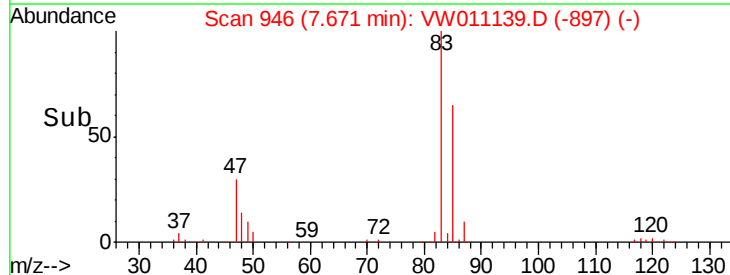
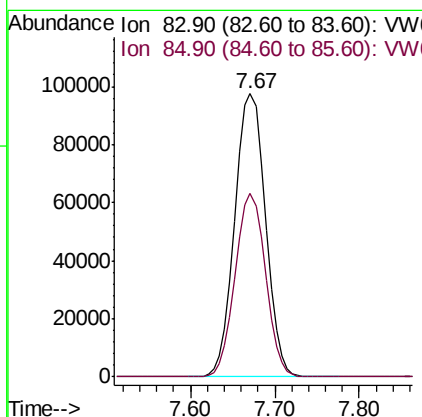
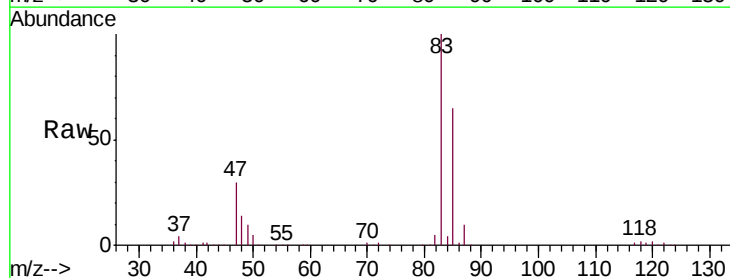
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

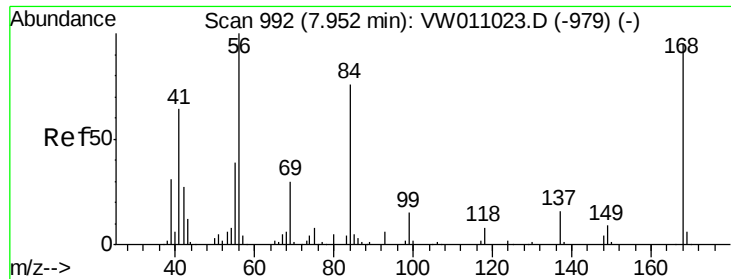
Tgt Ion: 42 Resp: 156963
Ion Ratio Lower Upper
42 100
72 34.9 27.4 41.0
71 32.0 25.6 38.4



#30
Chloroform
Concen: 51.449 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 83 Resp: 241115
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4

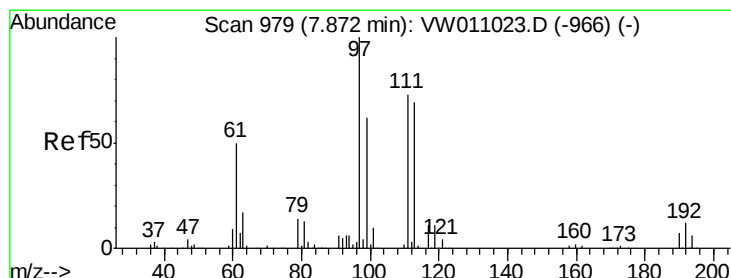
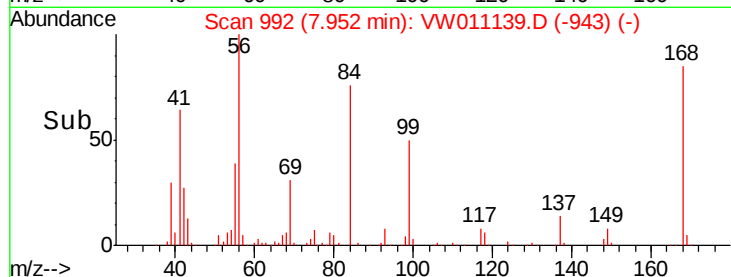
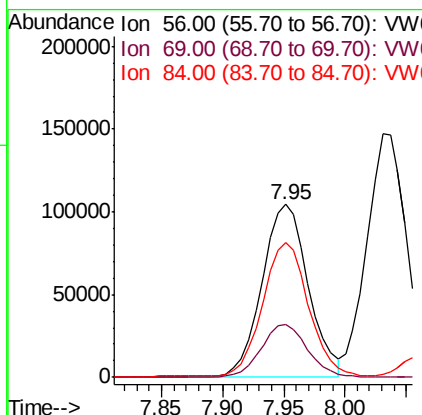
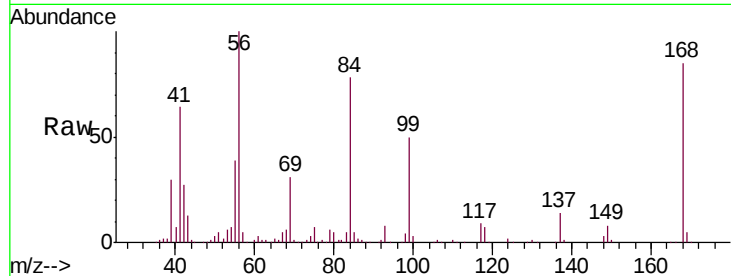




#31
Cyclohexane
Concen: 49.465 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

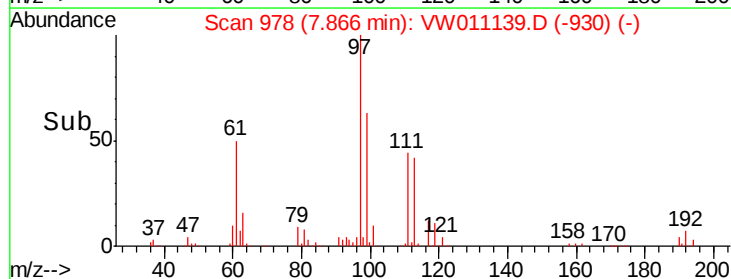
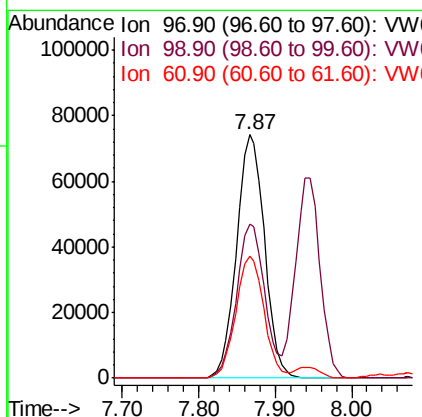
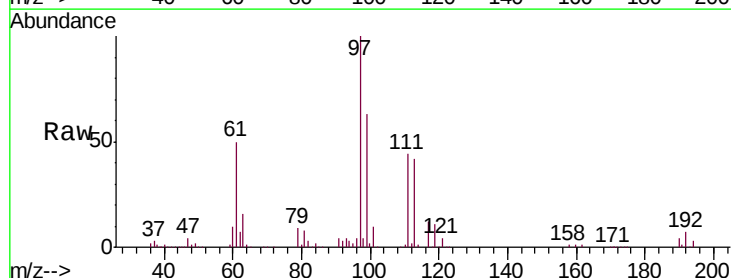
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

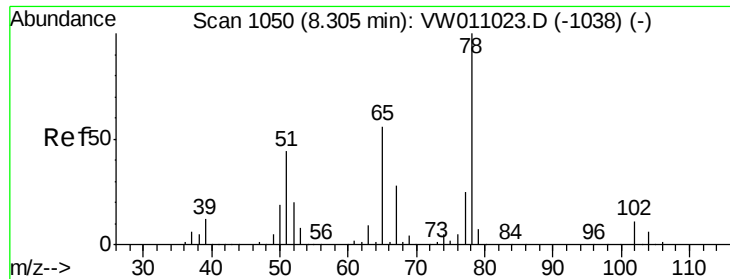
Tgt Ion: 56 Resp: 275716
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 77.0 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 53.594 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 97 Resp: 187684
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 50.6 41.4 62.2

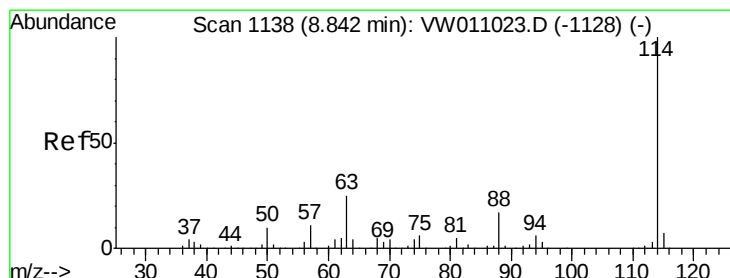
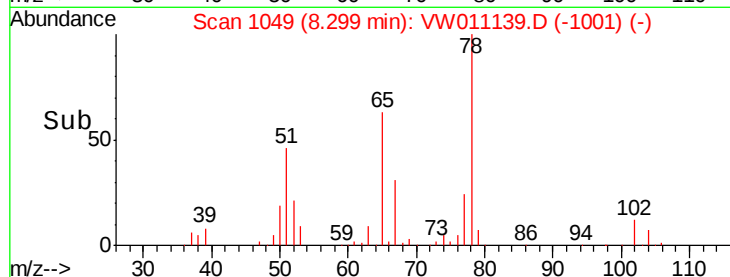
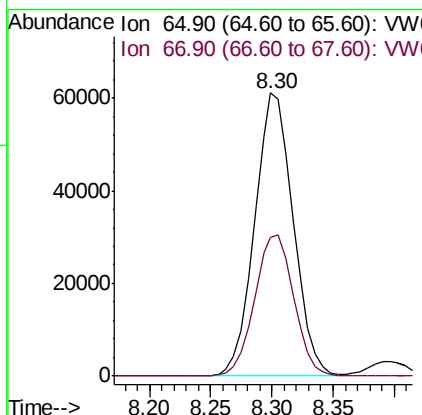
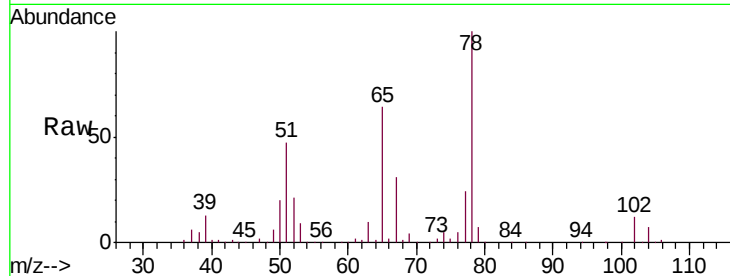




#33
 1,2-Dichloroethane-d4
 Concen: 45.977 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

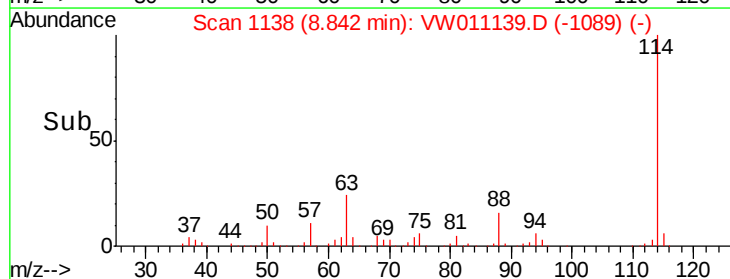
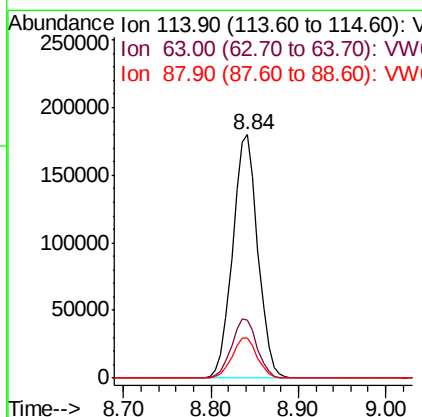
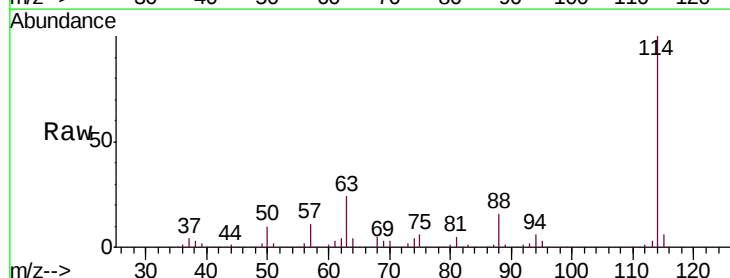
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

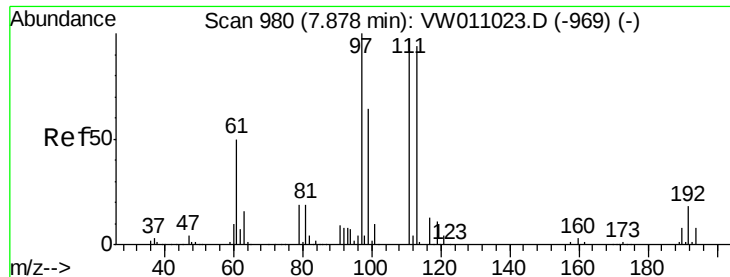
Tgt Ion: 65 Resp: 133975
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 114 Resp: 358644
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.6
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.896 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

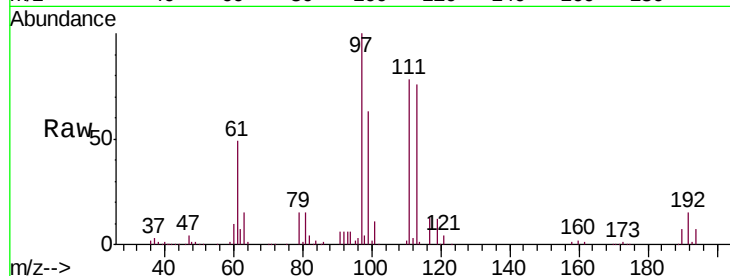
Tgt Ion:113 Resp: 107083

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

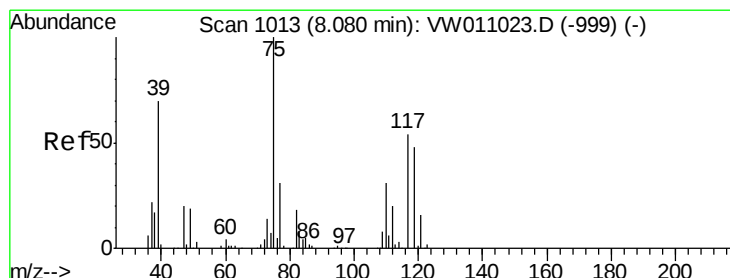
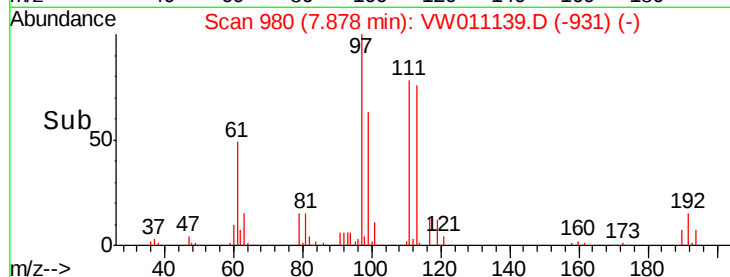
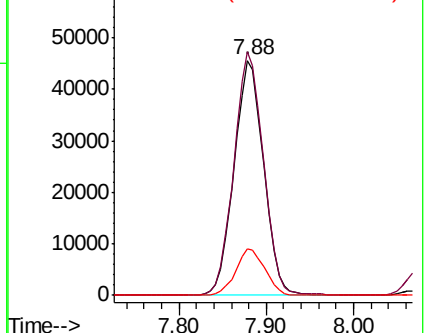
192 19.5 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.860 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

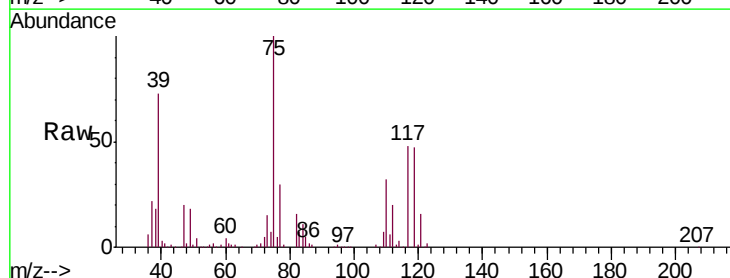
Tgt Ion: 75 Resp: 207619

Ion Ratio Lower Upper

75 100

110 31.3 15.5 46.5

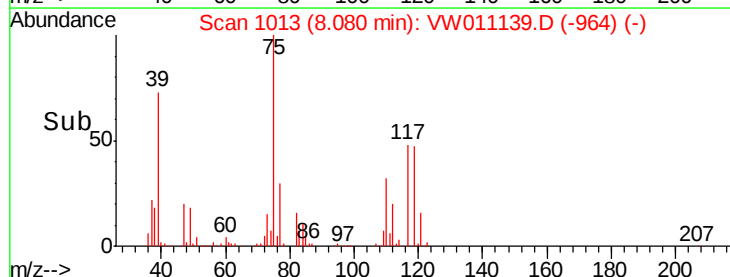
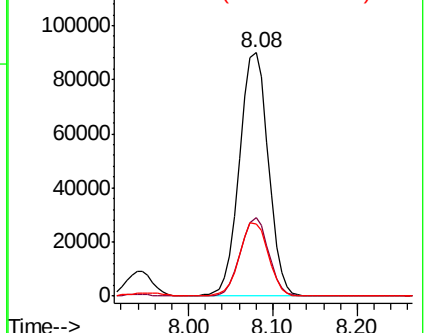
77 30.4 24.9 37.3

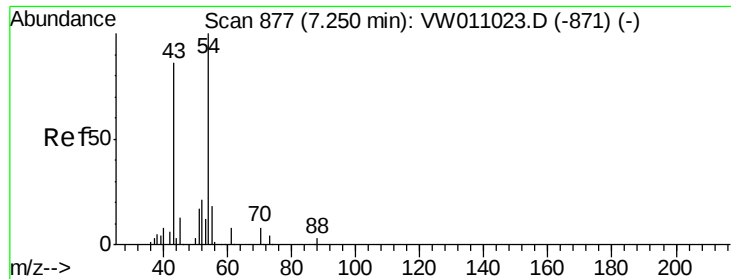


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

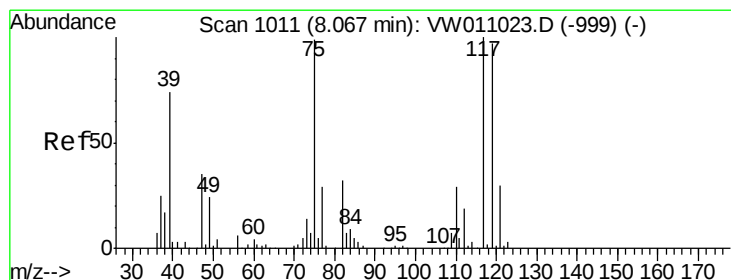
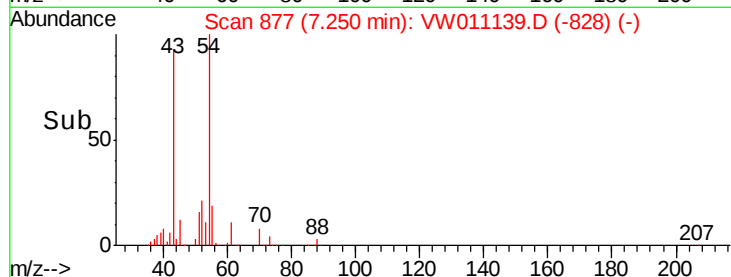
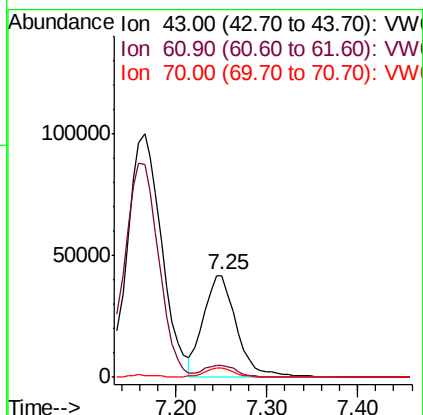
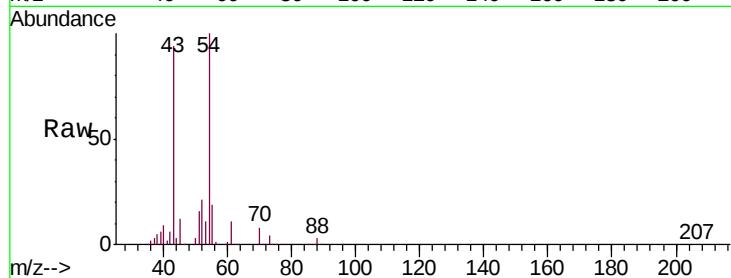




#37
Ethyl Acetate
Concen: 47.447 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

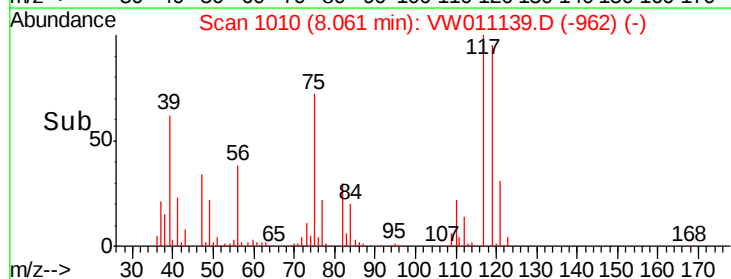
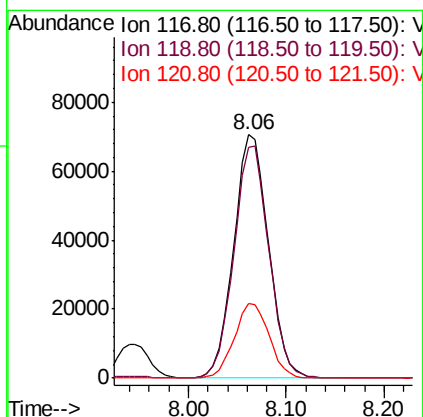
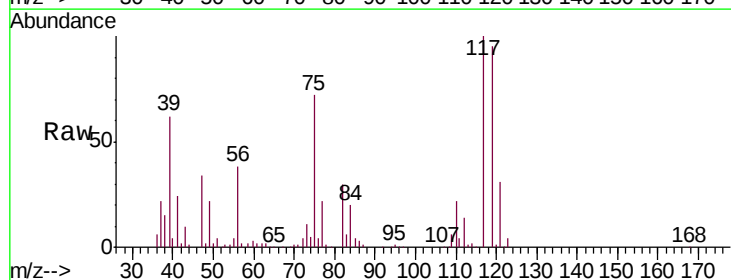
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

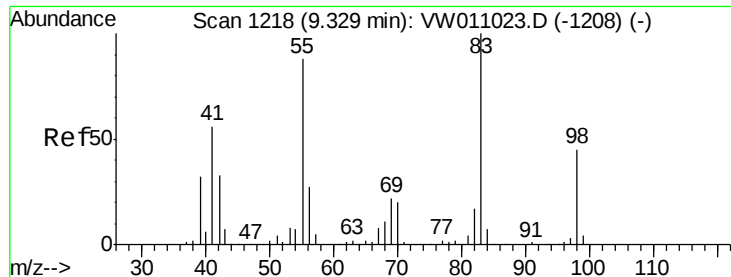
Tgt Ion: 43 Resp: 106400
Ion Ratio Lower Upper
43 100
61 11.8 9.0 13.4
70 8.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 55.008 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 117 Resp: 174623
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5
121 30.6 23.9 35.9

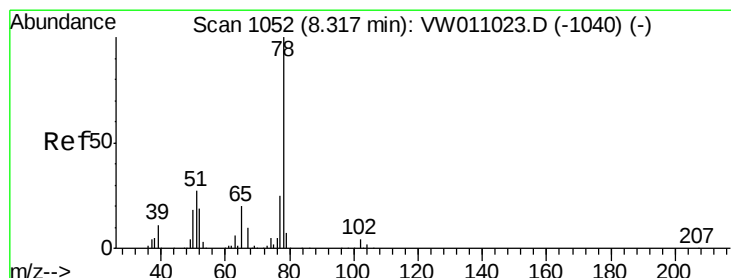
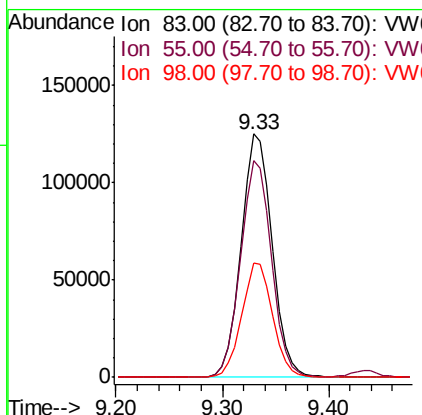
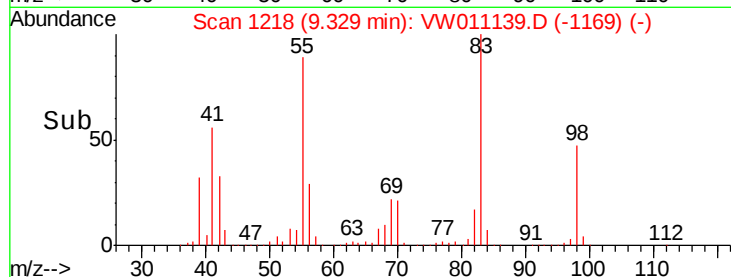
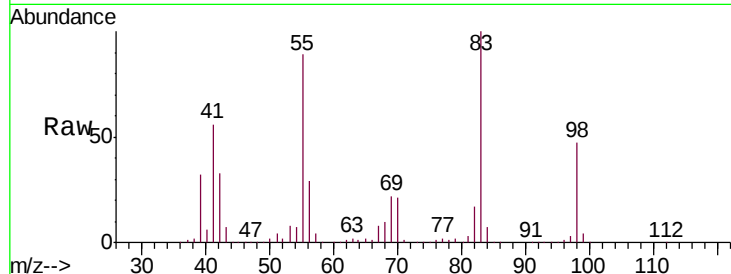




#39
Methylcyclohexane
Concen: 54.038 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

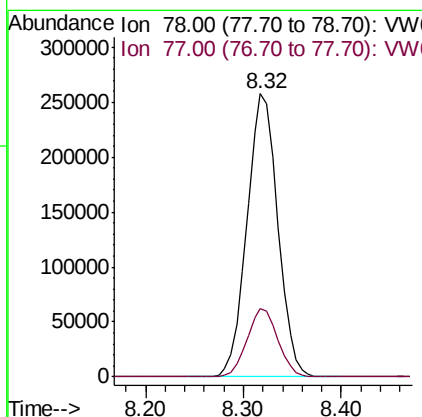
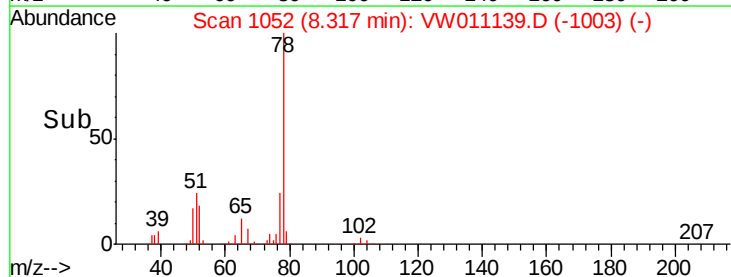
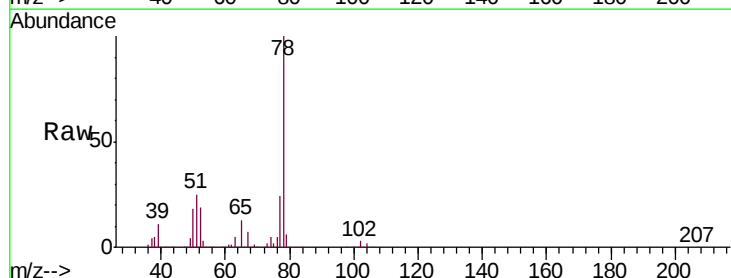
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

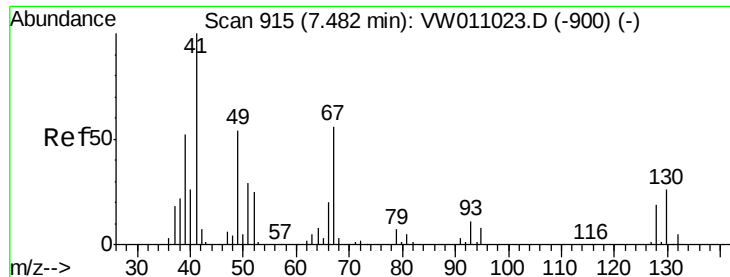
Tgt Ion: 83 Resp: 256355
Ion Ratio Lower Upper
83 100
55 89.0 70.7 106.1
98 46.9 36.4 54.6



#40
Benzene
Concen: 53.120 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 78 Resp: 563199
Ion Ratio Lower Upper
78 100
77 24.3 19.7 29.5

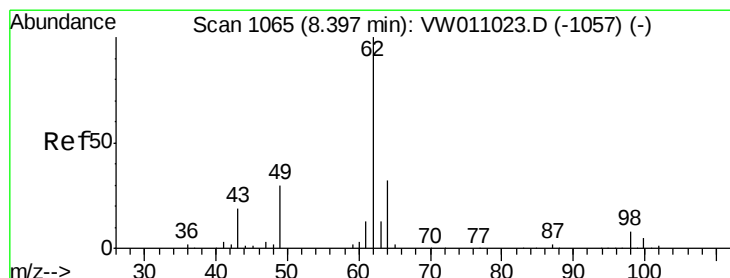
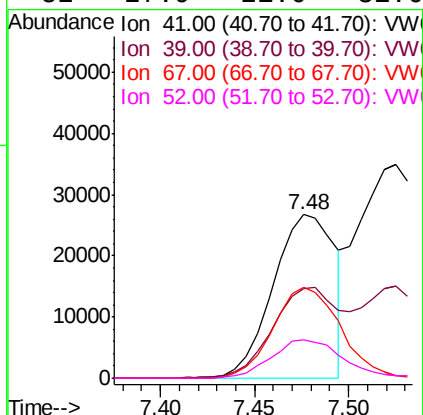
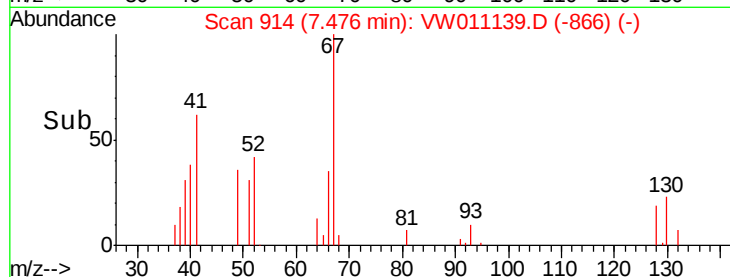
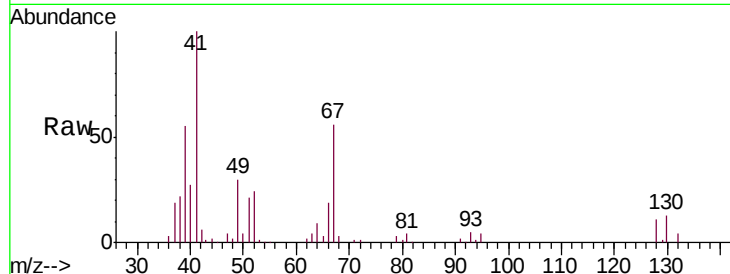




#41
Methacrylonitrile
Concen: 44.682 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

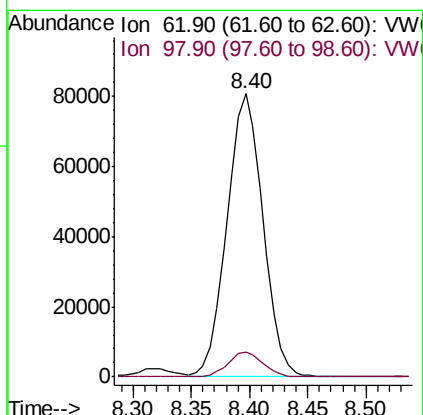
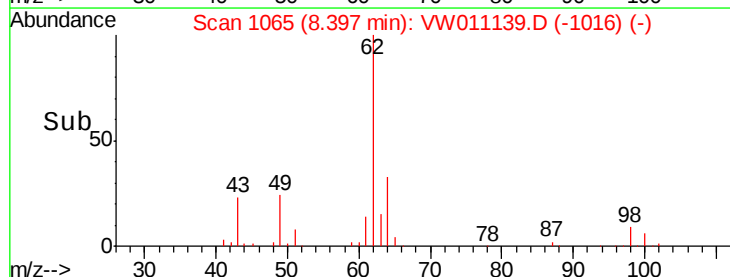
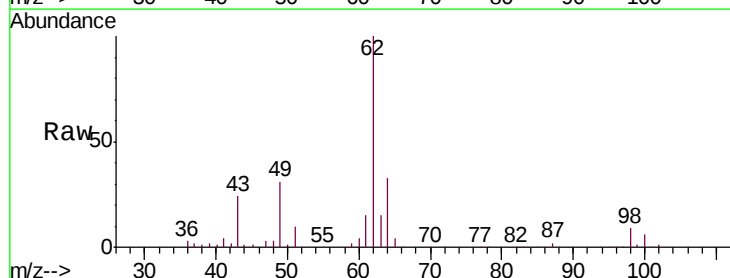
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

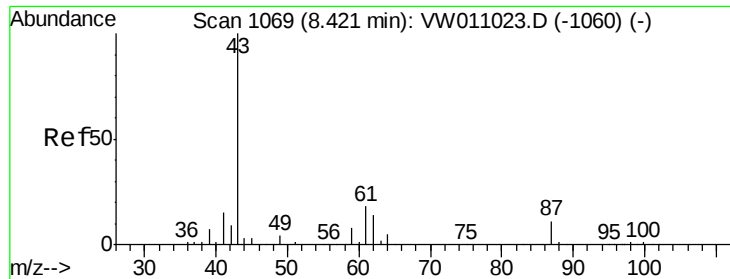
Tgt Ion:	41	Resp:	60962
Ion	Ratio	Lower	Upper
41	100		
39	61.7	42.1	63.1
67	60.9	44.2	66.2
52	27.9	21.0	31.6



#42
1,2-Dichloroethane
Concen: 49.781 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:	62	Resp:	173054
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.217 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

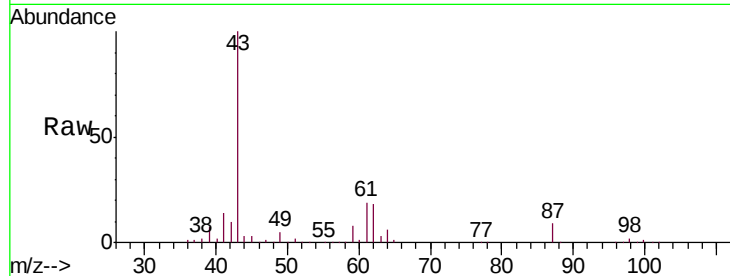
Tgt Ion: 43 Resp: 204548

Ion Ratio Lower Upper

43 100

61 26.7 21.0 31.6

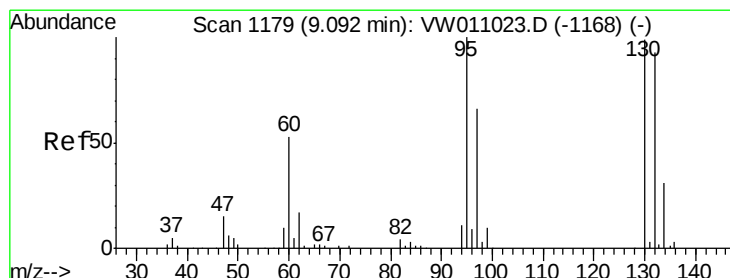
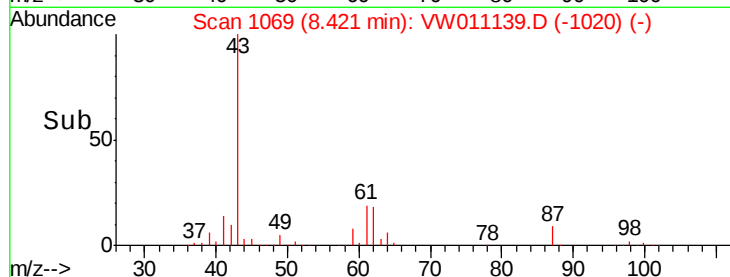
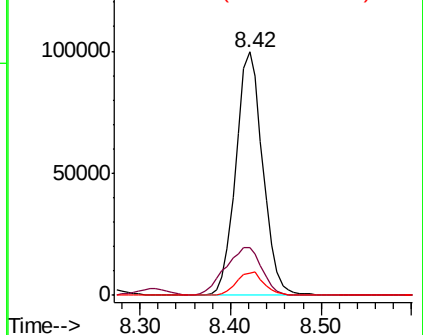
87 9.7 8.2 12.4



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: 52.928 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011139.D

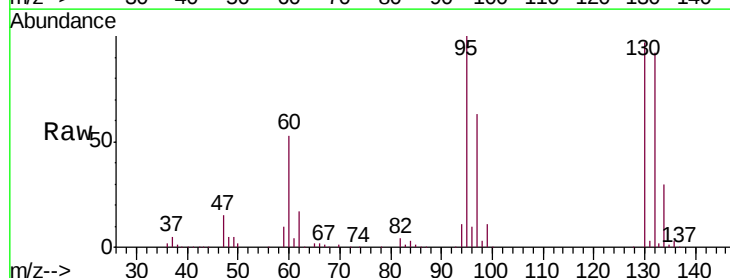
Acq: 03 Jul 2019 13:58

Tgt Ion: 130 Resp: 135620

Ion Ratio Lower Upper

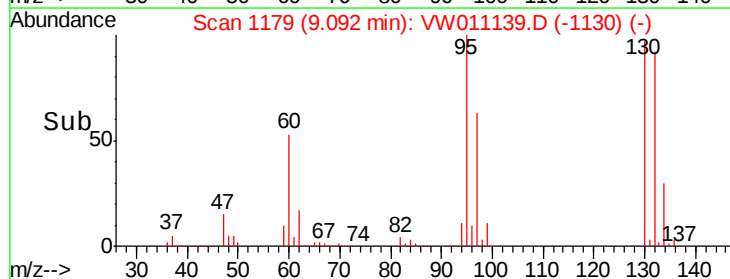
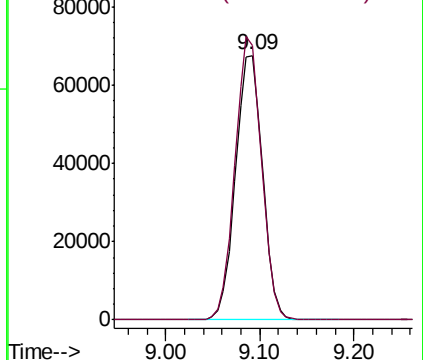
130 100

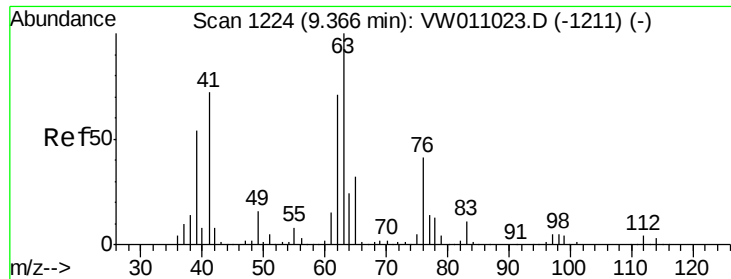
95 103.5 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

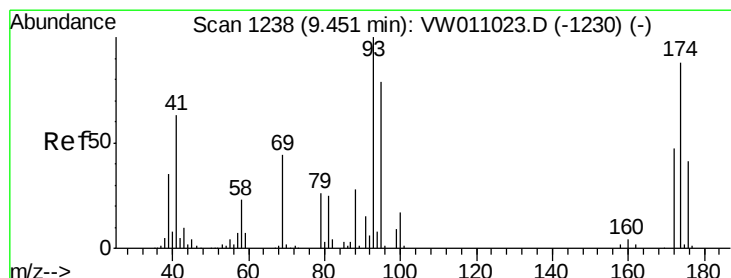
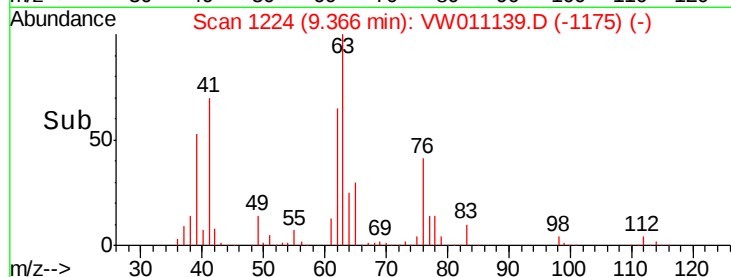
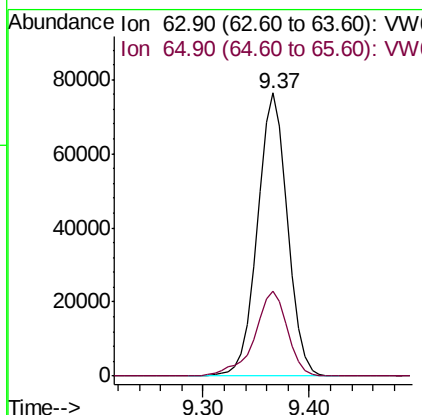
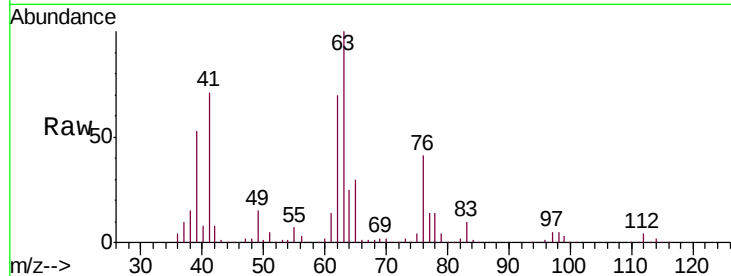




#45
 1,2-Dichloropropane
 Concen: 52.438 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

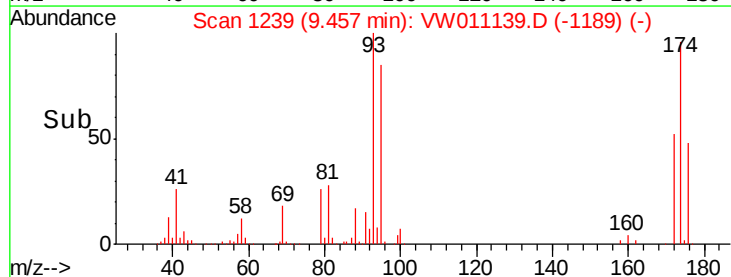
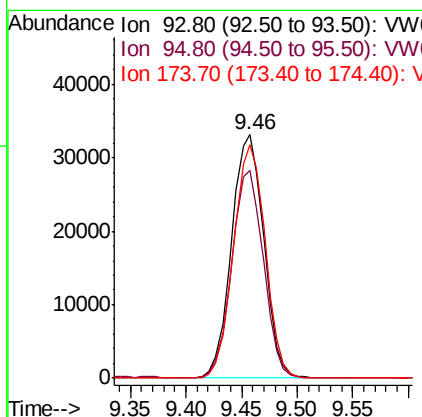
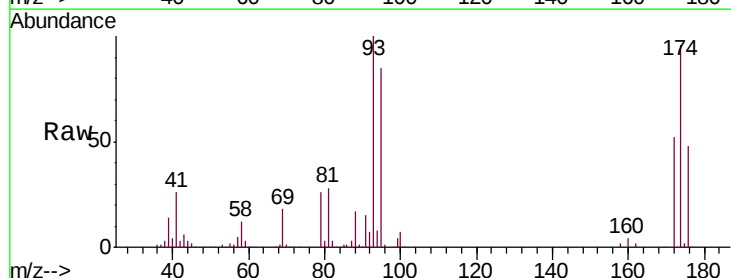
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

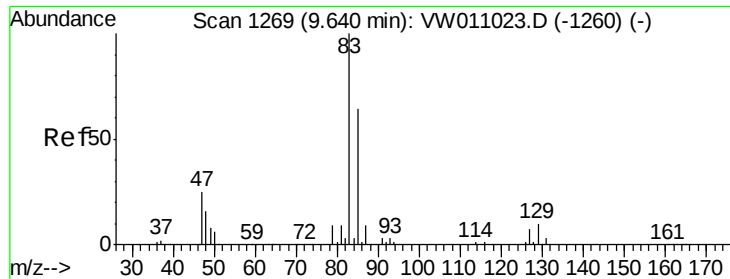
Tgt Ion: 63 Resp: 150976
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.6 38.4



#46
 Dibromomethane
 Concen: 49.409 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 93 Resp: 66530
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.8 98.6
 174 94.2 75.4 113.0





#47

Bromodichloromethane

Concen: 52.909 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

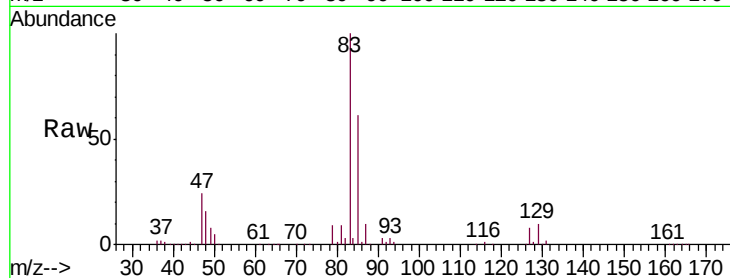
Tgt Ion: 83 Resp: 176390

Ion Ratio Lower Upper

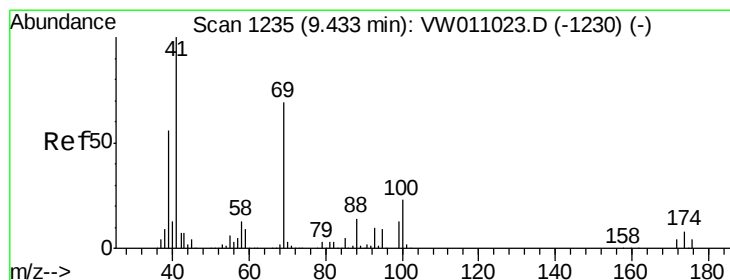
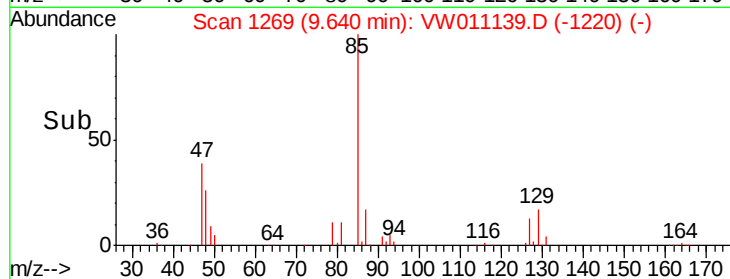
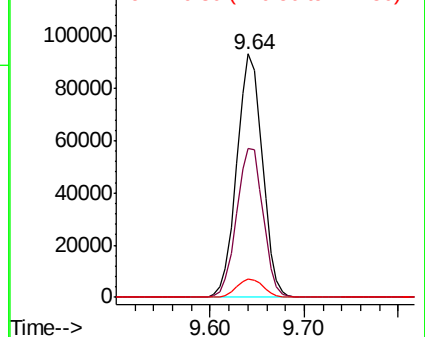
83 100

85 61.4 51.0 76.4

127 7.8 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.361 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

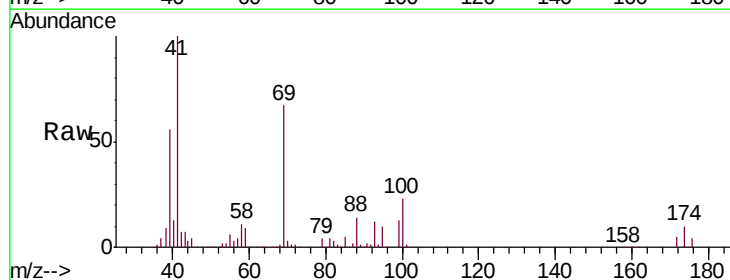
Tgt Ion: 41 Resp: 107702

Ion Ratio Lower Upper

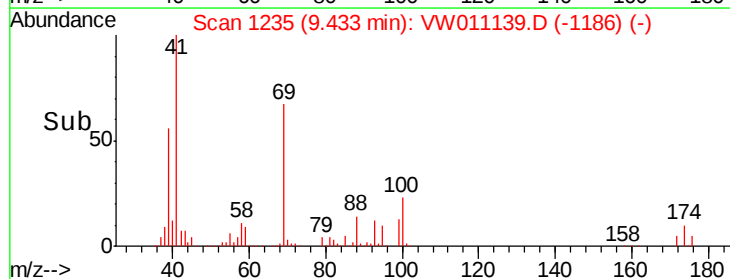
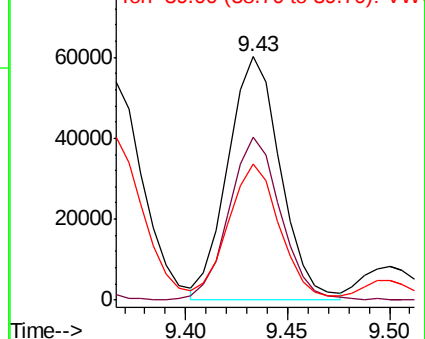
41 100

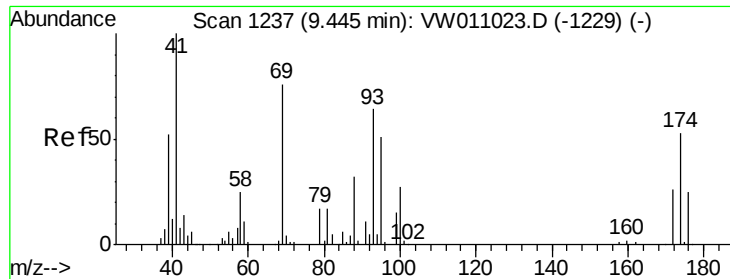
69 65.8 56.7 85.1

39 51.4 45.0 67.6



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

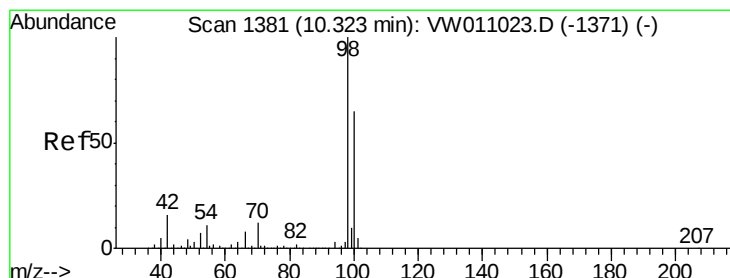
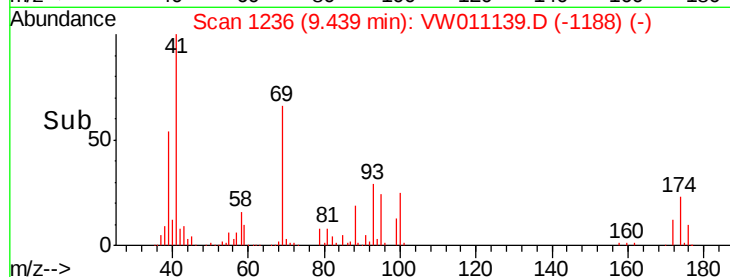
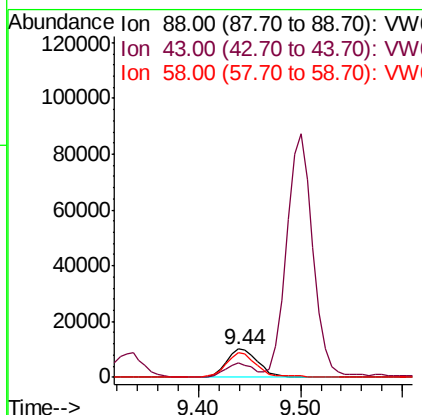
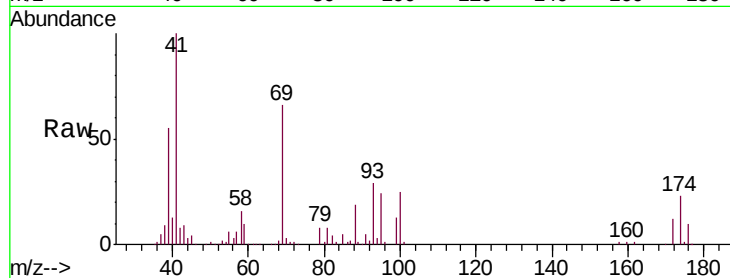




#49
1,4-Dioxane
Concen: 947.205 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

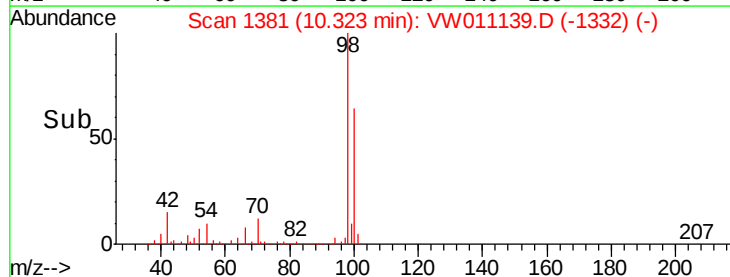
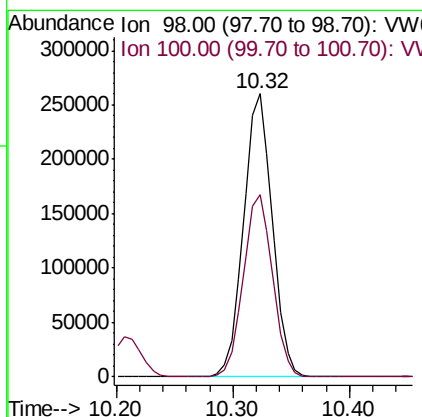
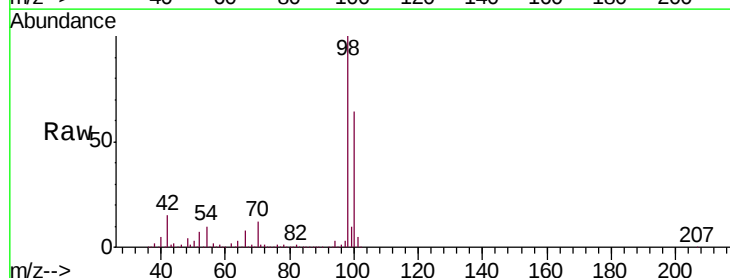
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

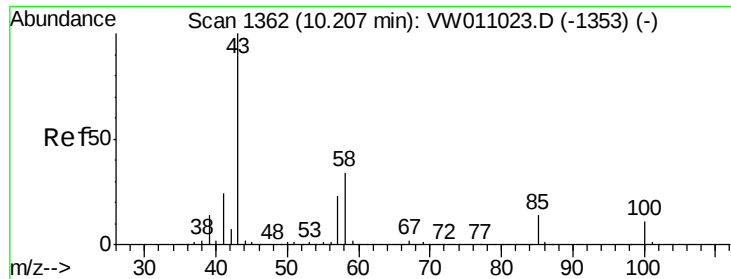
Tgt Ion: 88 Resp: 21445
Ion Ratio Lower Upper
88 100
43 44.9 34.4 51.6
58 82.1 65.2 97.8



#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 98 Resp: 449822
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 239.932 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

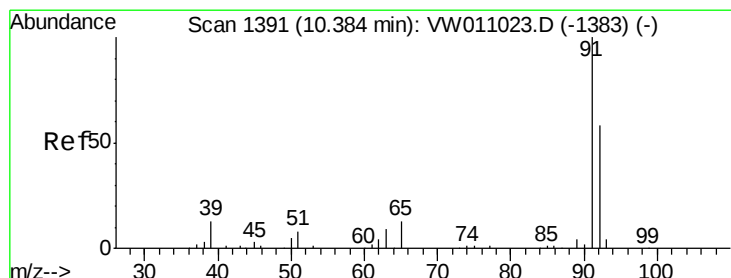
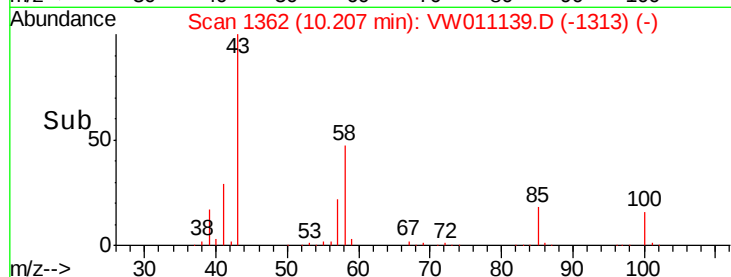
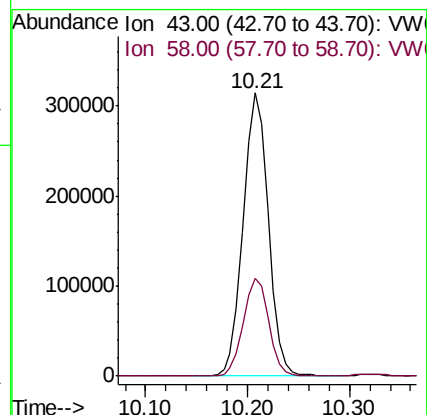
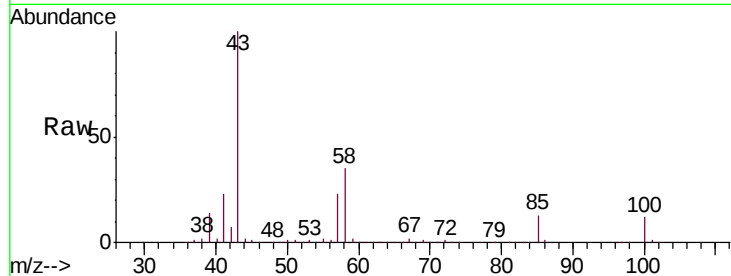
VSTDCCC050

Tgt Ion: 43 Resp: 535783

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.6



#52

Toluene

Concen: 53.470 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011139.D

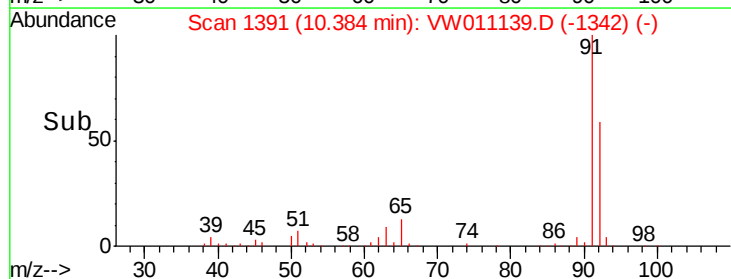
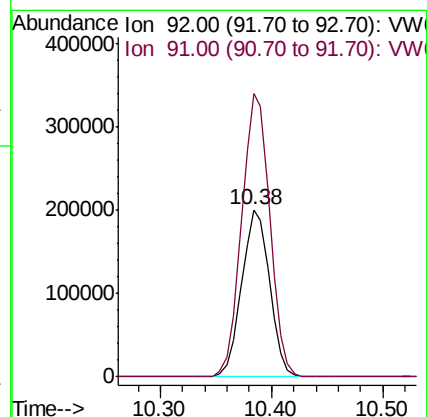
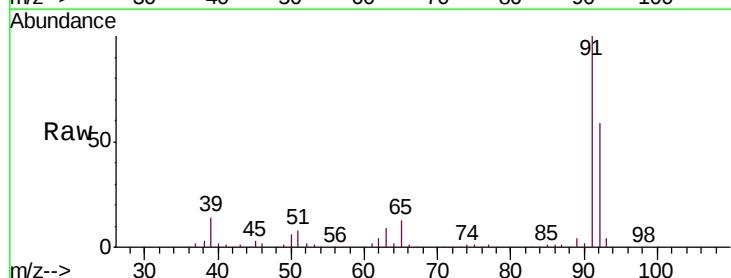
Acq: 03 Jul 2019 13:58

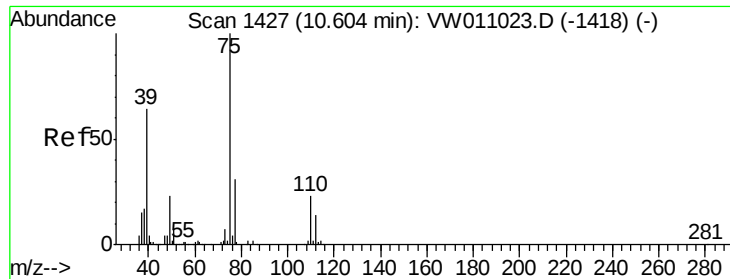
Tgt Ion: 92 Resp: 347077

Ion Ratio Lower Upper

92 100

91 170.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.723 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

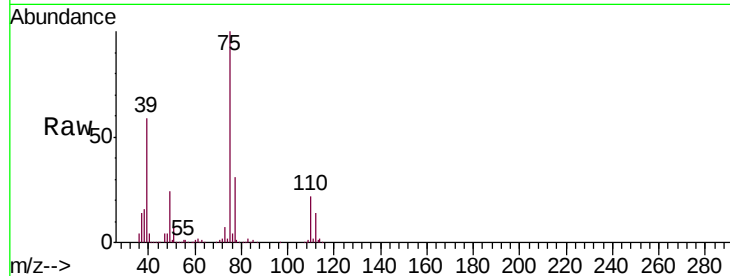
VSTDCCC050

Tgt Ion: 75 Resp: 183081

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

120000

100000

80000

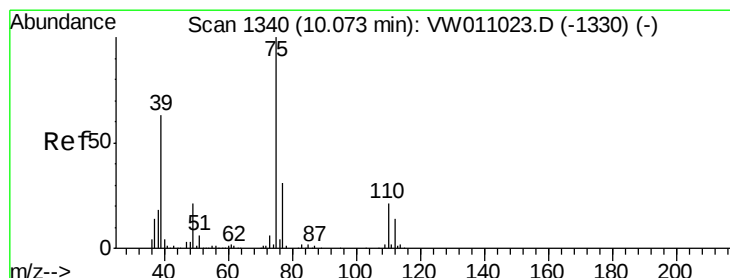
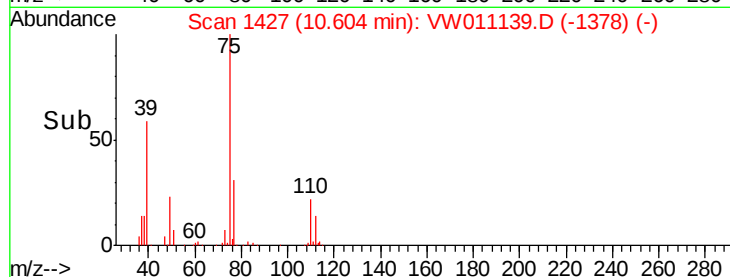
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 53.633 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

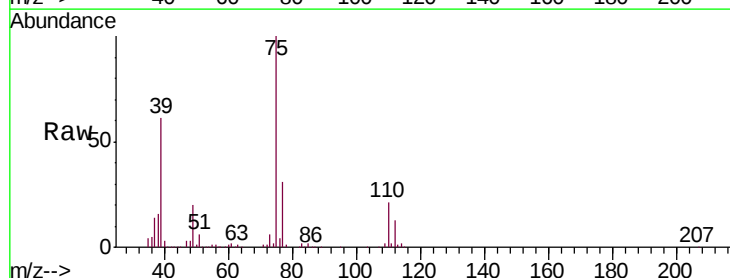
Tgt Ion: 75 Resp: 222164

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 60.9 50.0 75.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

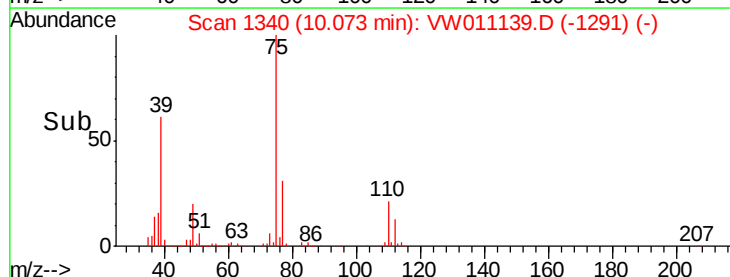
150000

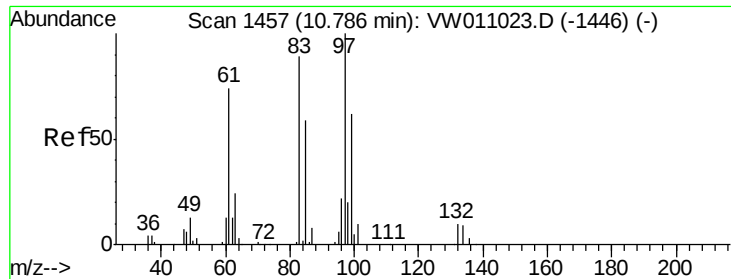
100000

50000

0

Time--> 10.00 10.10

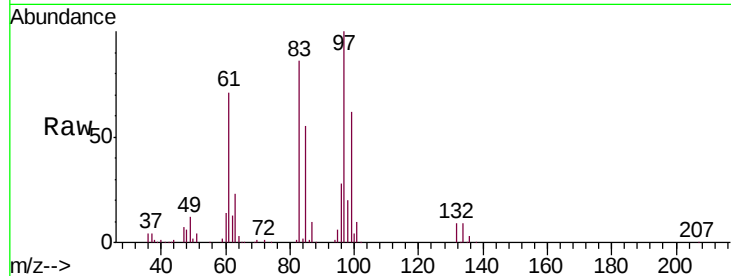




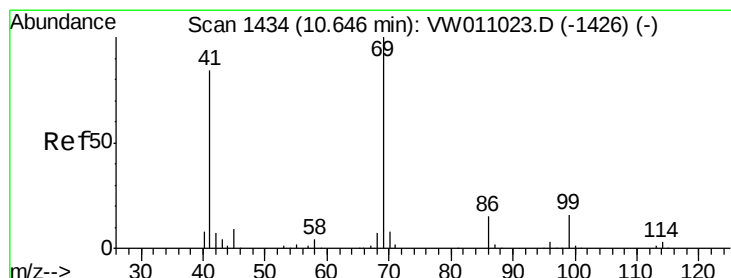
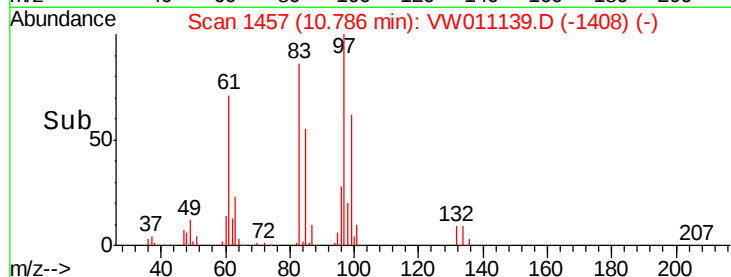
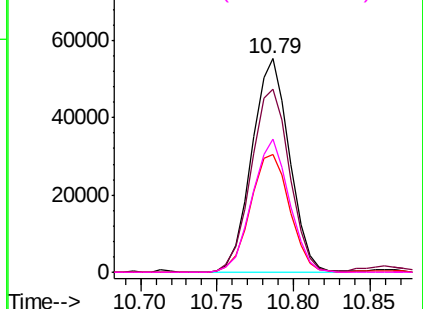
#55
 1,1,2-Trichloroethane
 Concen: 49.609 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 94376
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.9 106.3
 85 55.4 47.2 70.8
 99 62.4 50.0 75.0

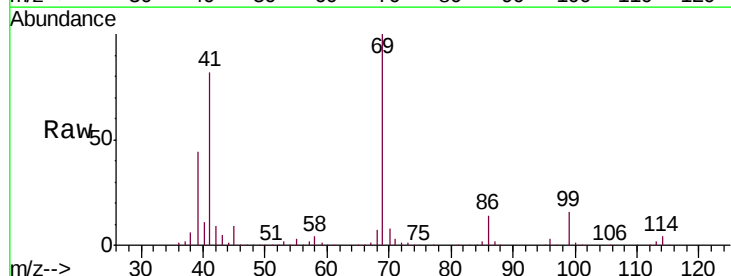


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

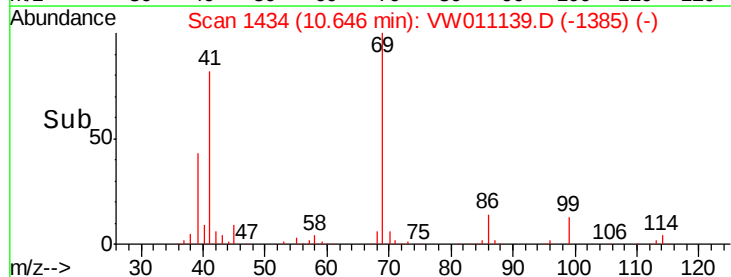
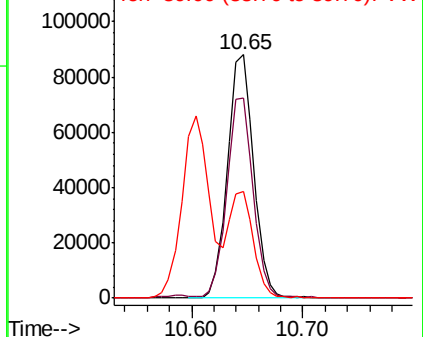


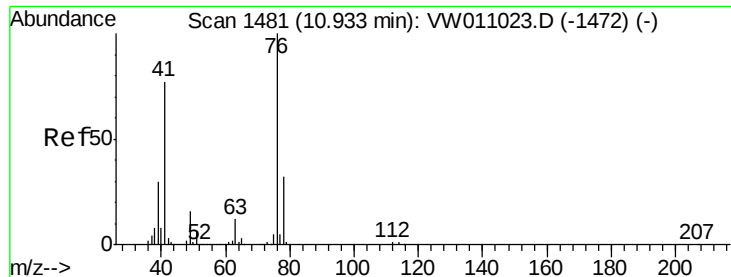
#56
 Ethyl methacrylate
 Concen: 50.451 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 69 Resp: 143723
 Ion Ratio Lower Upper
 69 100
 41 81.7 67.9 101.9
 39 39.1 33.2 49.8



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: 50.440 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

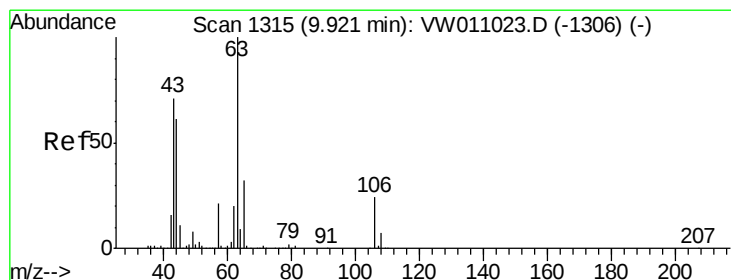
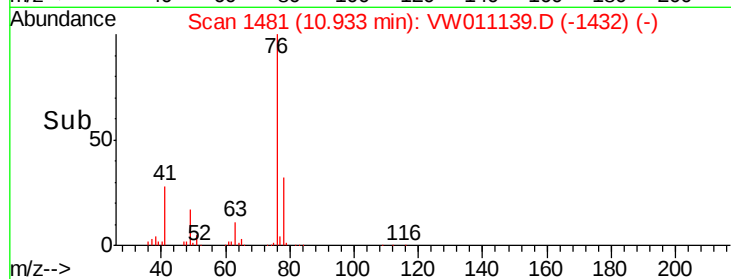
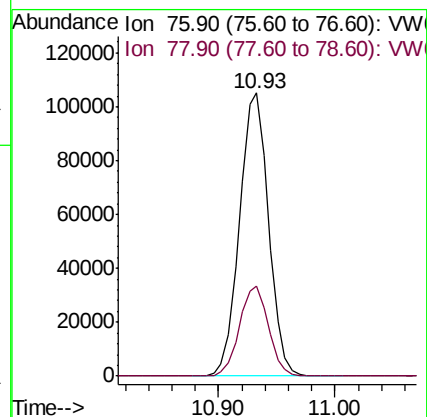
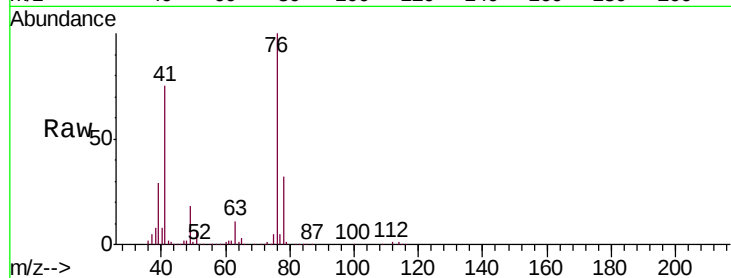
VSTDCCC050

Tgt Ion: 76 Resp: 182529

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.787 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011139.D

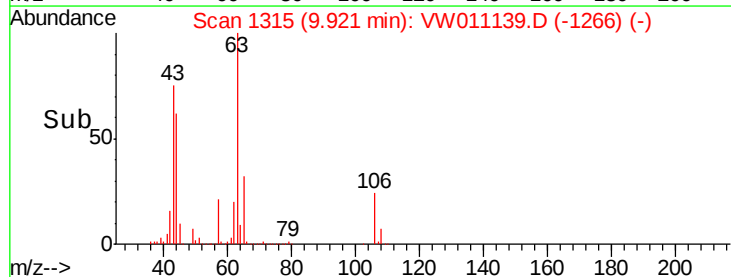
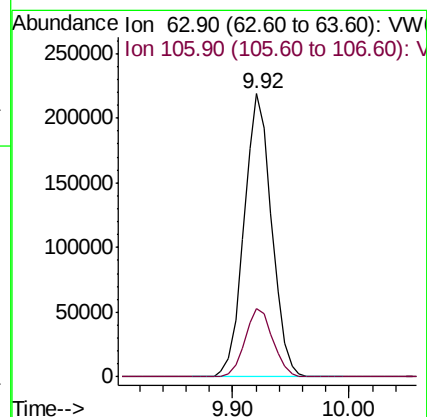
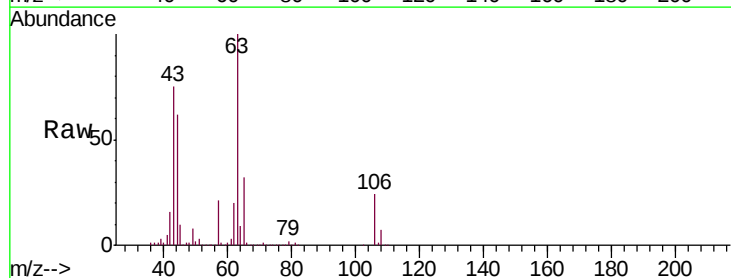
Acq: 03 Jul 2019 13:58

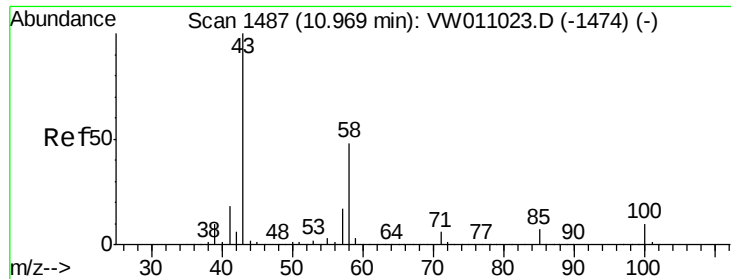
Tgt Ion: 63 Resp: 361478

Ion Ratio Lower Upper

63 100

106 24.5 19.4 29.0





#59

2-Hexanone

Concen: 254.853 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampled :

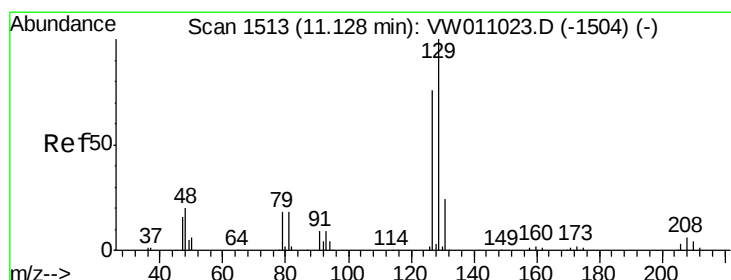
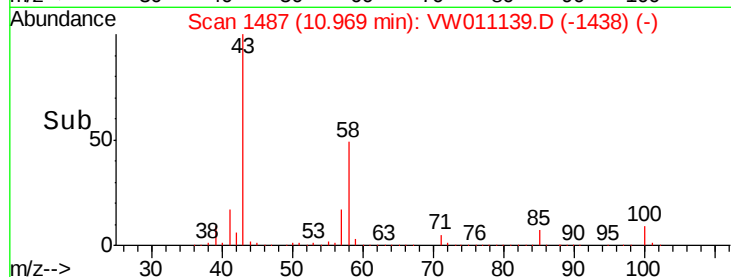
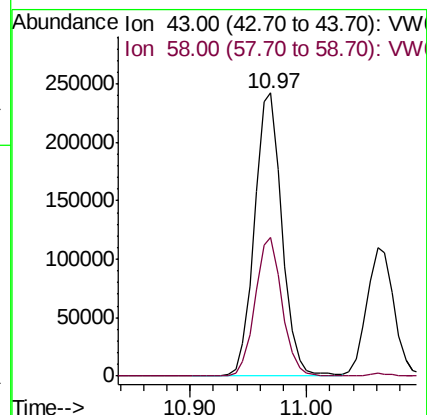
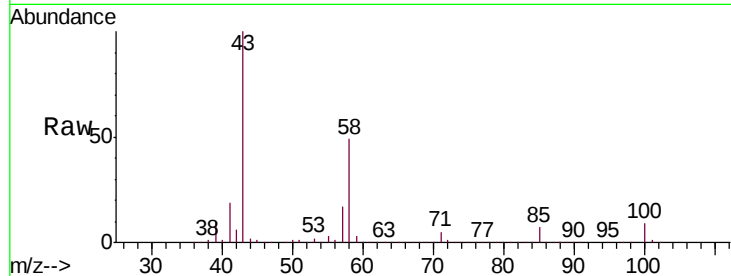
VSTDCCC050

Tgt Ion: 43 Resp: 396875

Ion Ratio Lower Upper

43 100

58 48.2 23.8 71.5



#60

Dibromochloromethane

Concen: 52.307 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011139.D

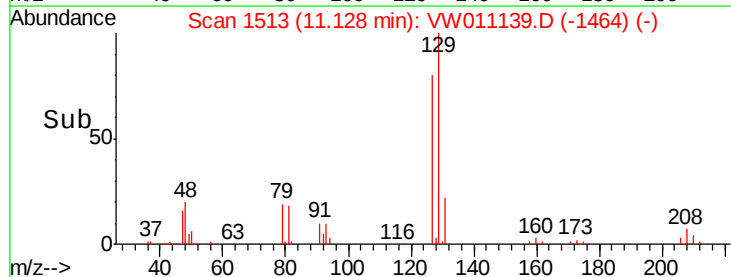
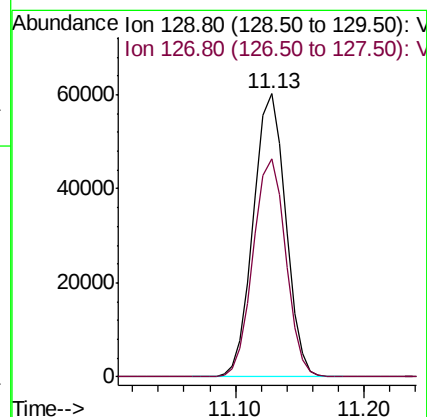
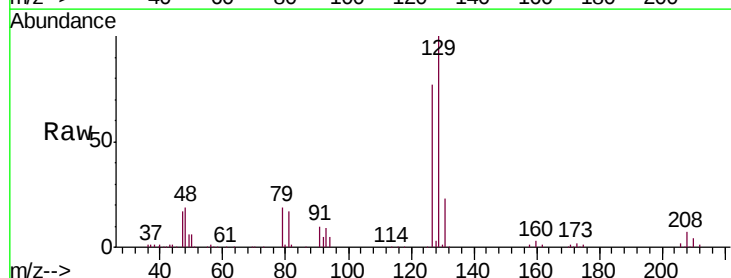
Acq: 03 Jul 2019 13:58

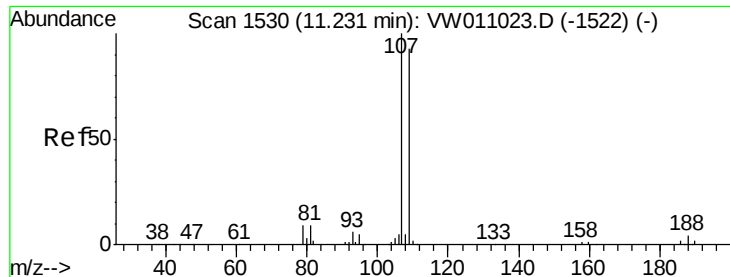
Tgt Ion: 129 Resp: 104348

Ion Ratio Lower Upper

129 100

127 77.7 39.4 118.1

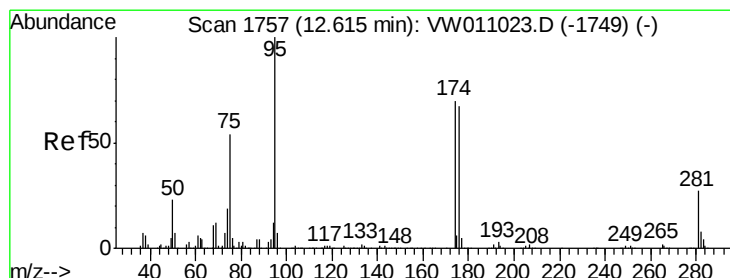
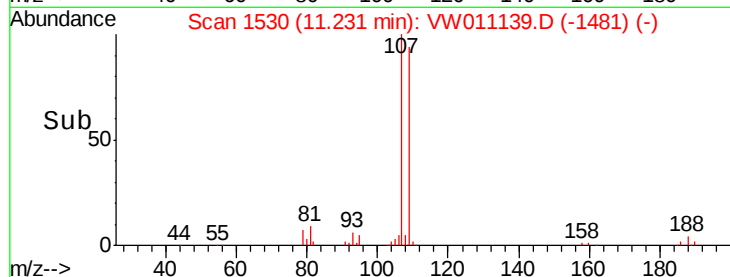
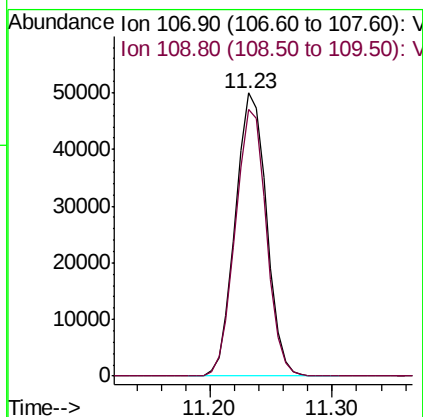
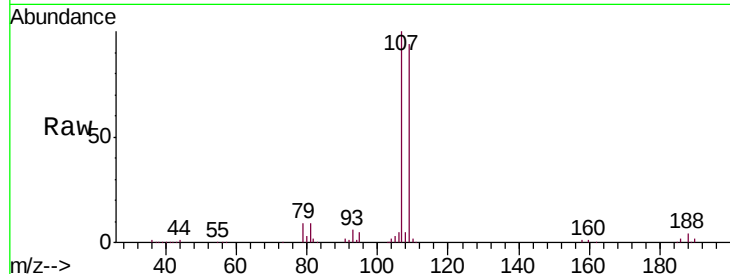




#61
 1,2-Dibromoethane
 Concen: 49.669 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

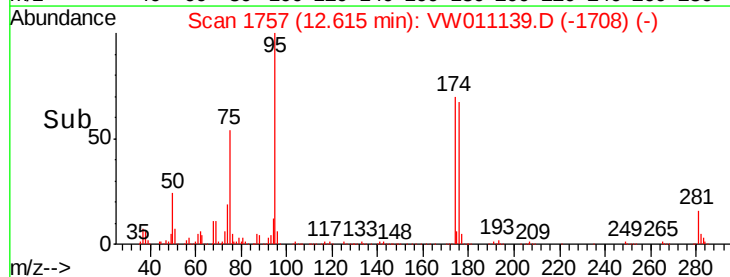
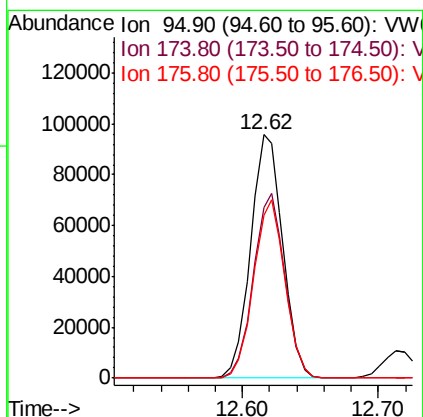
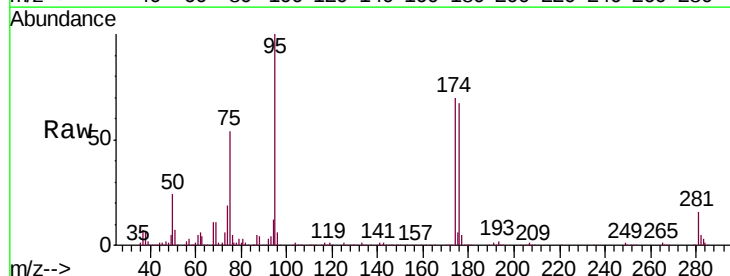
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

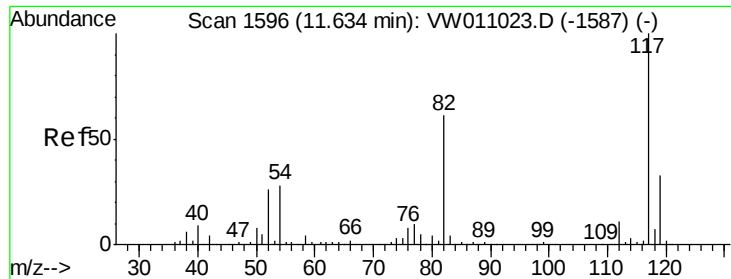
Tgt Ion: 107 Resp: 88458
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.890 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 95 Resp: 157900
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 149.2
 176 71.9 0.0 143.6

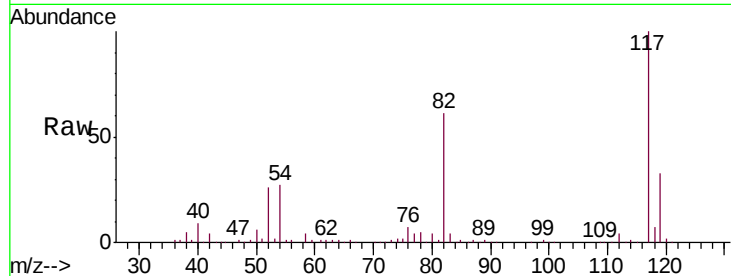




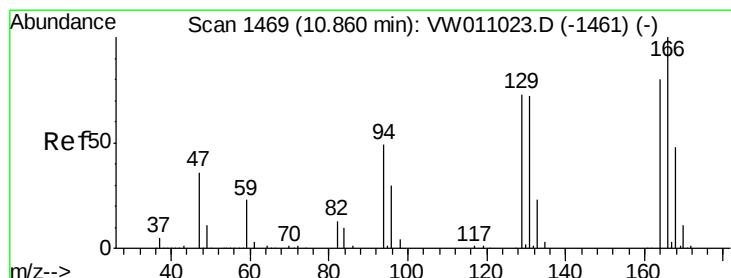
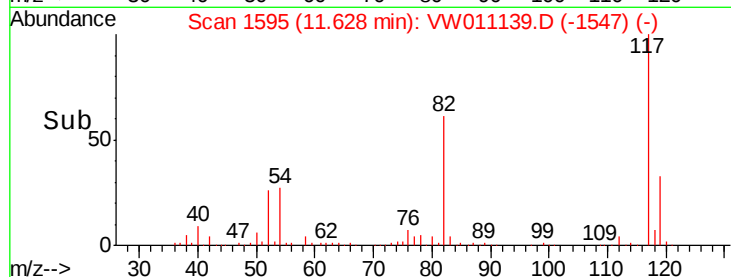
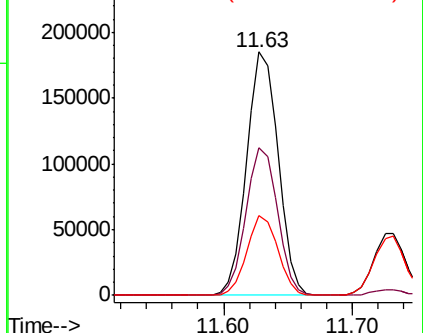
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 312488
Ion Ratio Lower Upper
117 100
82 60.7 48.6 73.0
119 32.5 26.1 39.1

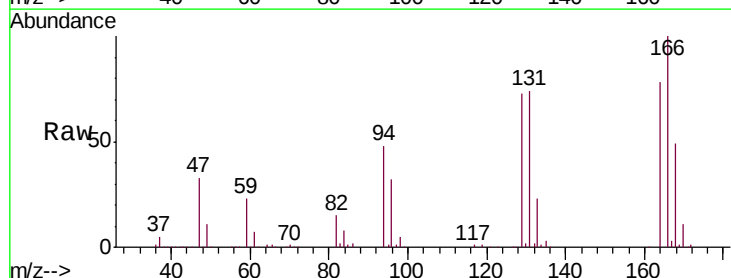


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

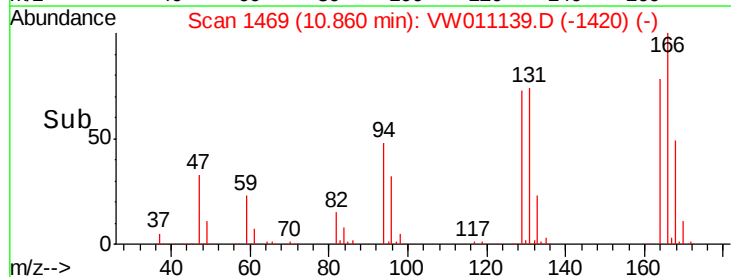
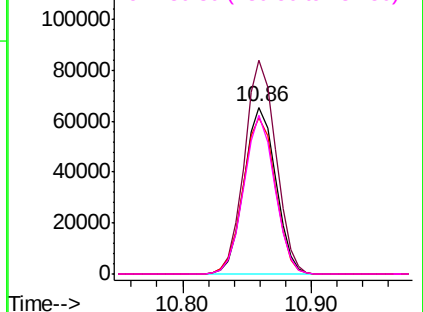


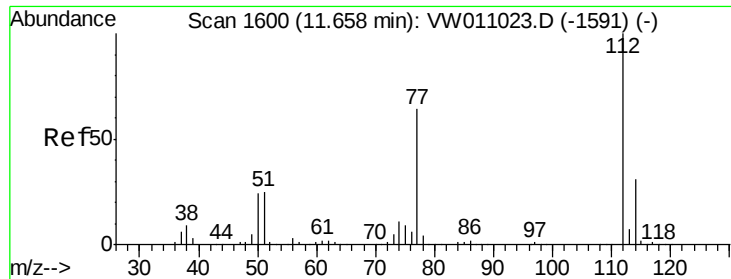
#64
Tetrachloroethene
Concen: 51.570 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:164 Resp: 110900
Ion Ratio Lower Upper
164 100
166 128.2 99.8 149.6
129 94.0 73.0 109.4
131 95.0 71.4 107.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

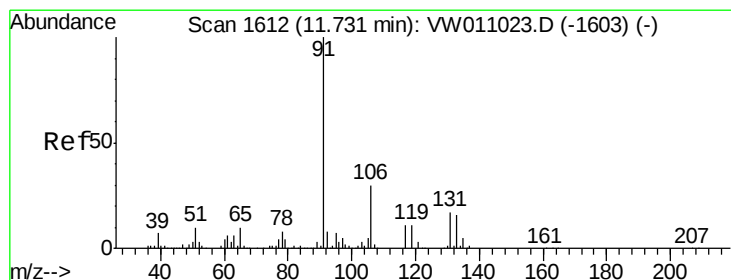
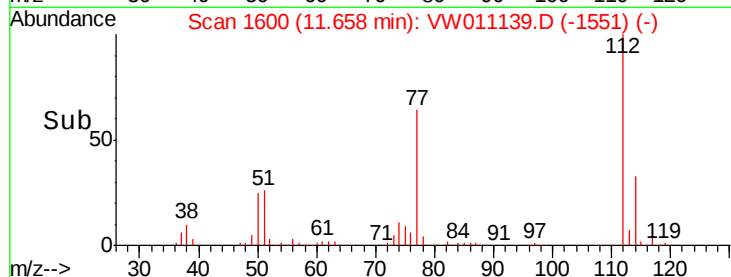
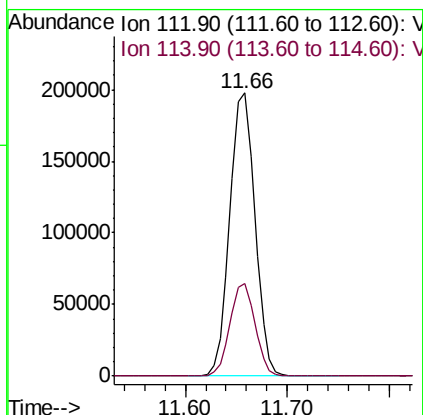
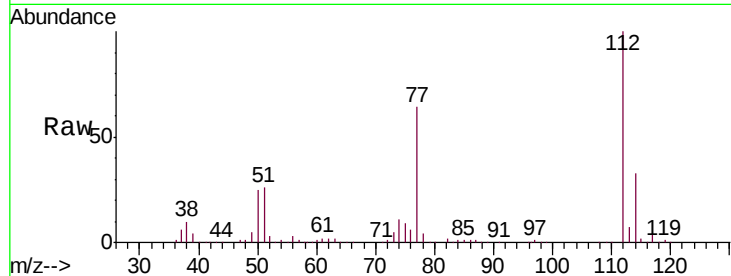




#65
Chlorobenzene
Concen: 52.766 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

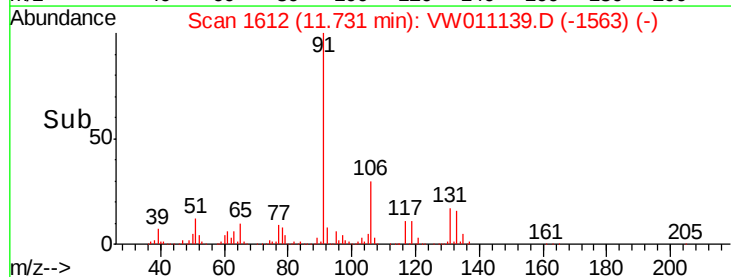
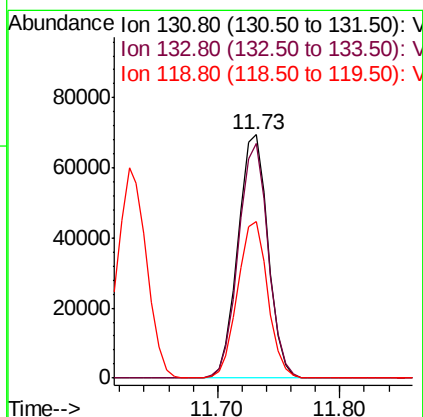
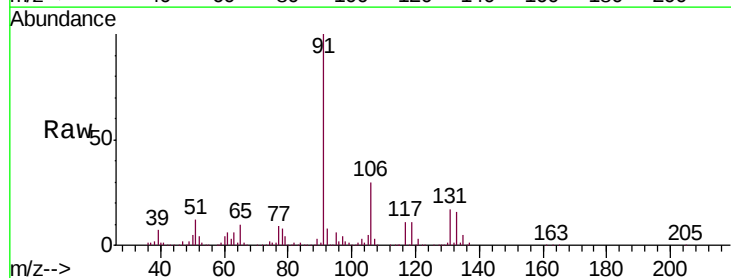
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

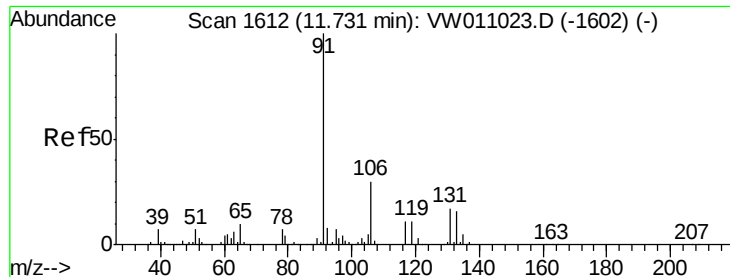
Tgt Ion:112 Resp: 337526
Ion Ratio Lower Upper
112 100
114 32.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.386 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:131 Resp: 118114
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 64.5 33.1 99.2

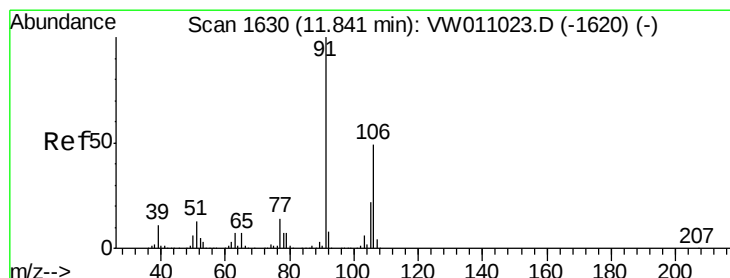
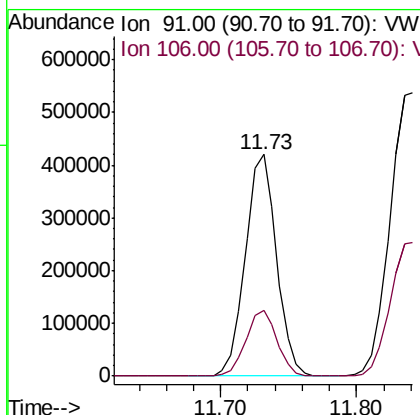
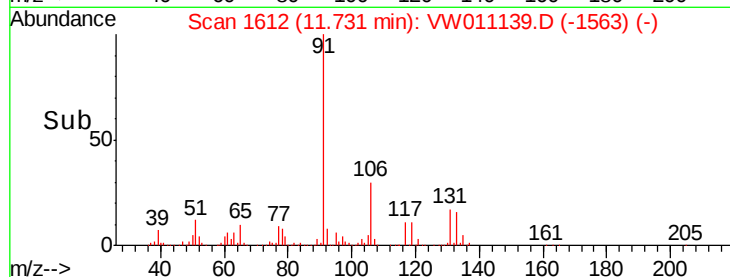
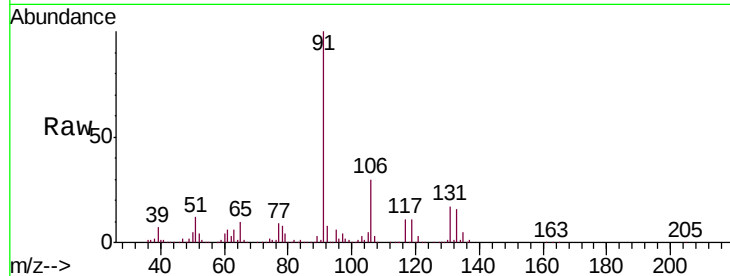




#67
Ethyl Benzene
Concen: 54.933 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

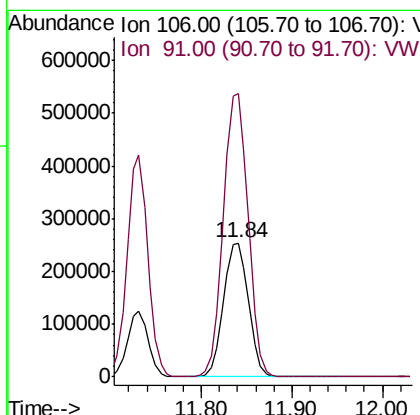
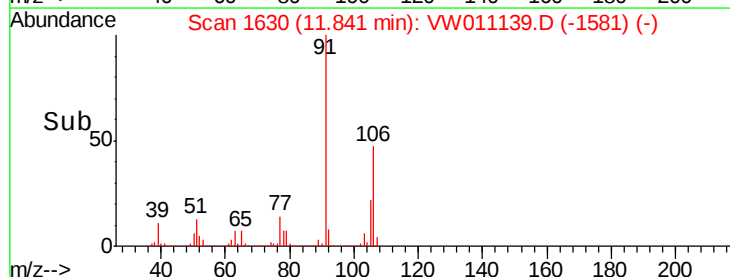
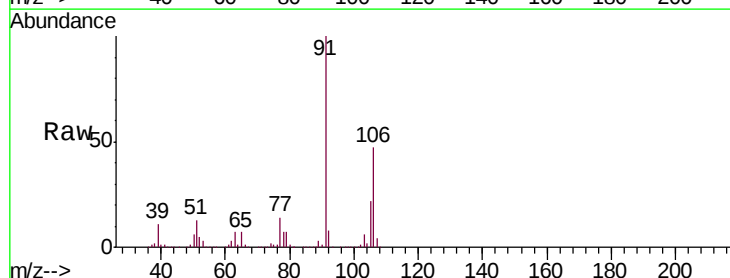
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

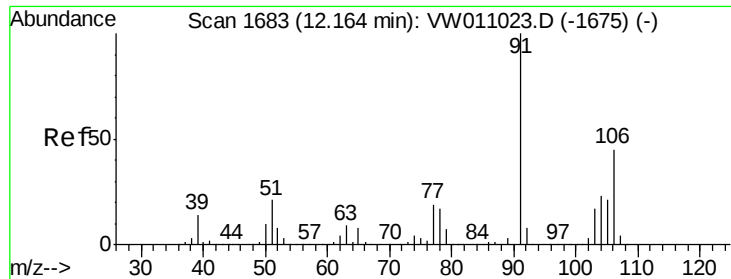
Tgt Ion: 91 Resp: 673010
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 109.097 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 106 Resp: 485003
Ion Ratio Lower Upper
106 100
91 210.4 167.5 251.3

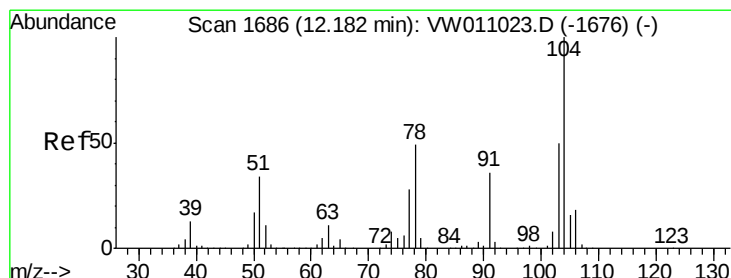
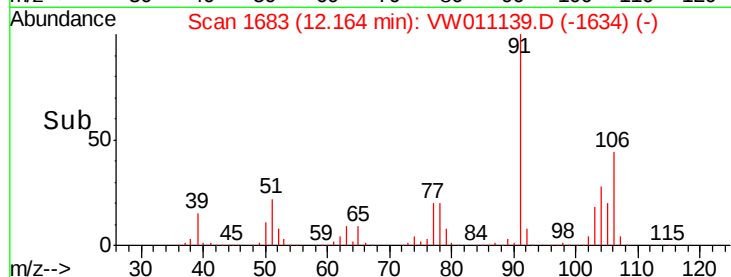
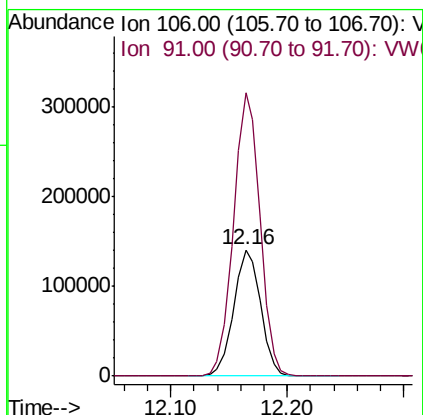
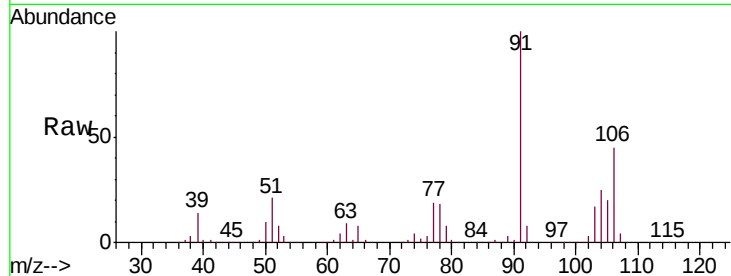




#69
o-Xylene
Concen: 54.402 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

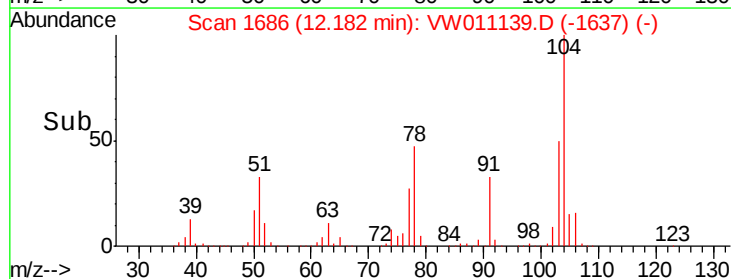
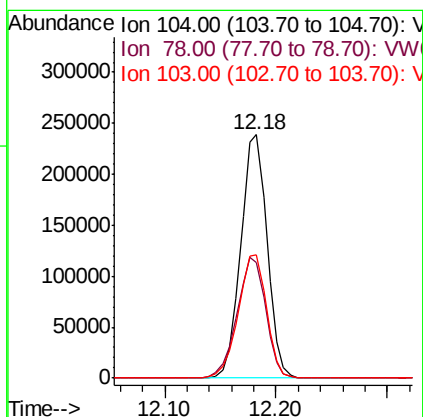
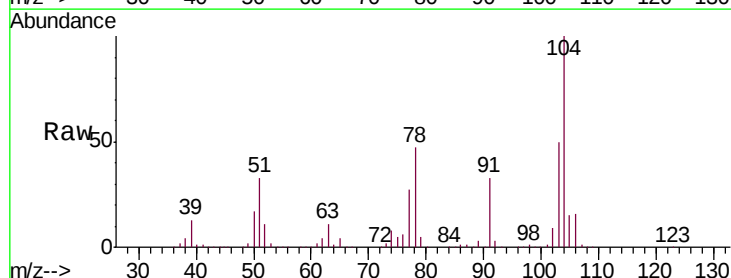
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

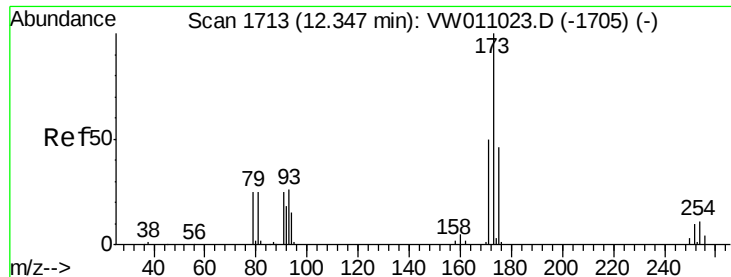
Tgt Ion:106 Resp: 225265
Ion Ratio Lower Upper
106 100
91 222.2 110.8 332.3



#70
Styrene
Concen: 54.453 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:104 Resp: 391815
Ion Ratio Lower Upper
104 100
78 53.8 43.7 65.5
103 54.4 43.9 65.9





#71

Bromoform

Concen: 52.667 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

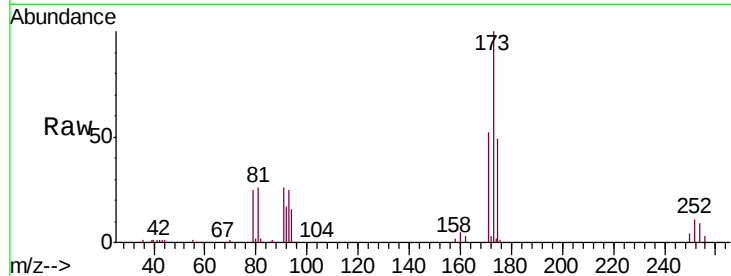
Tgt Ion:173 Resp: 55762

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.2

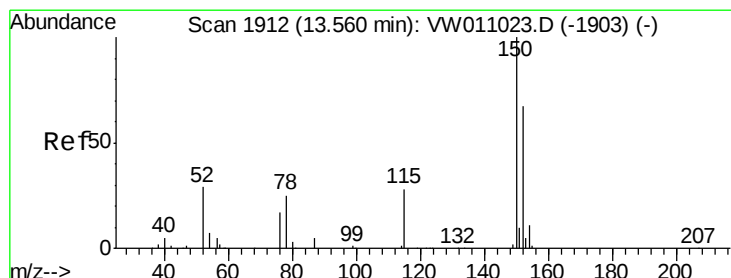
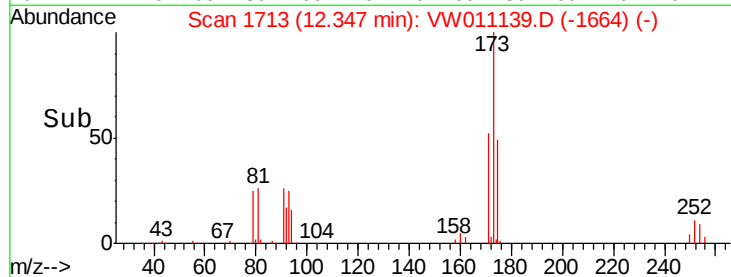
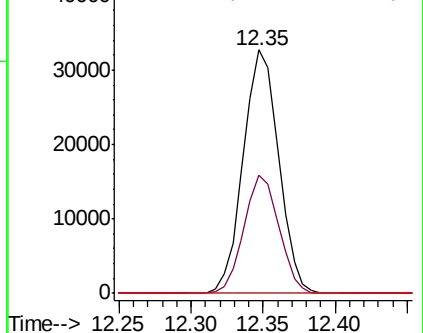
254 0.0 0.0 0.0



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: VW011139.D

Acq: 03 Jul 2019 13:58

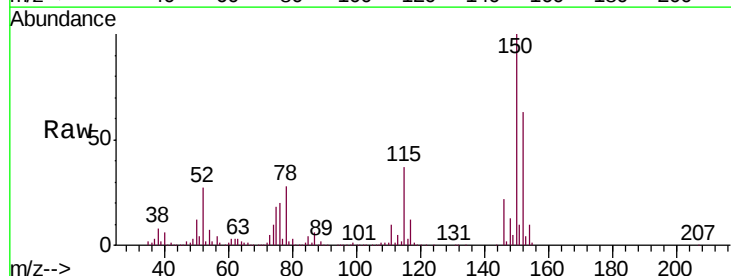
Tgt Ion:152 Resp: 150664

Ion Ratio Lower Upper

152 100

115 61.0 30.7 92.1

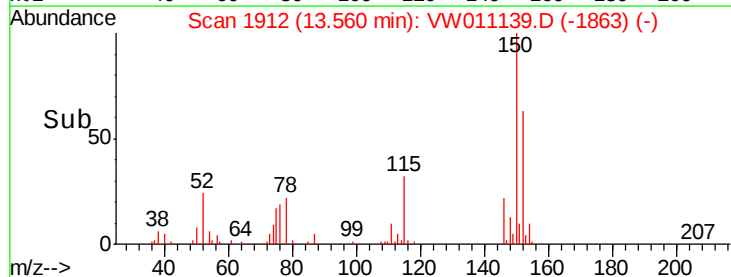
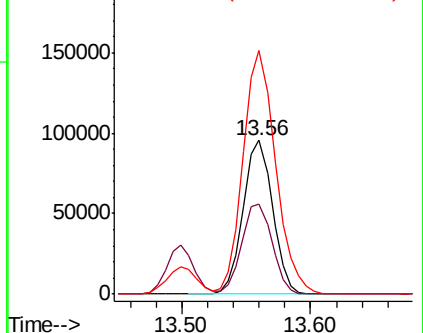
150 175.6 0.0 341.8

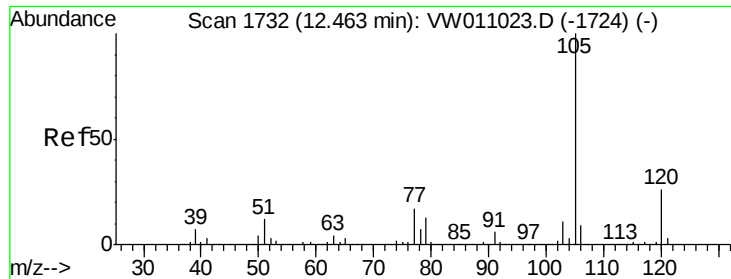


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.908 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

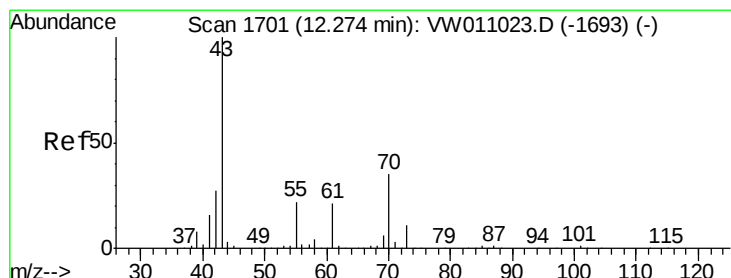
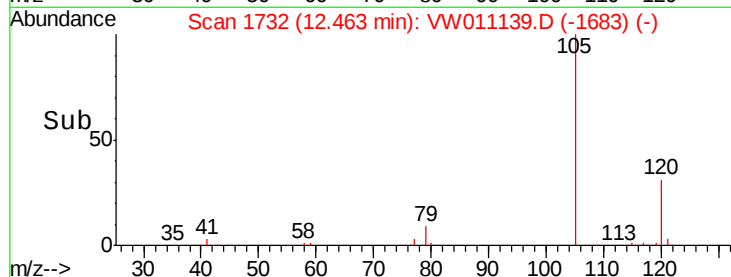
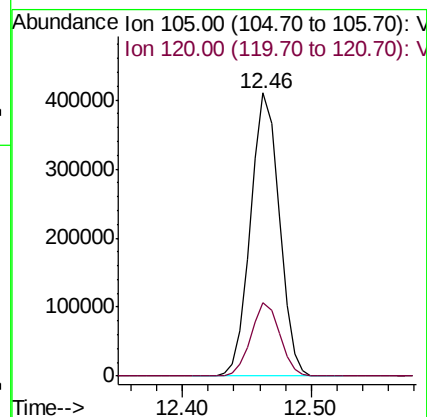
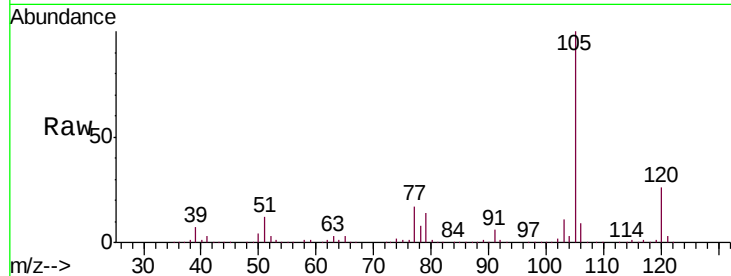
VSTDCCC050

Tgt Ion: 105 Resp: 631025

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 50.860 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Tgt Ion: 43 Resp: 192788

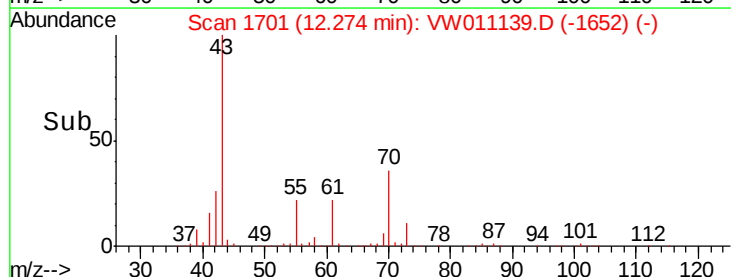
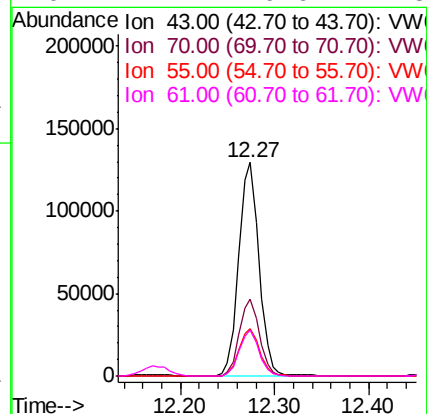
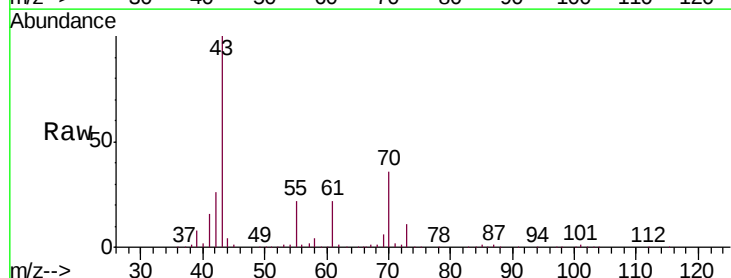
Ion Ratio Lower Upper

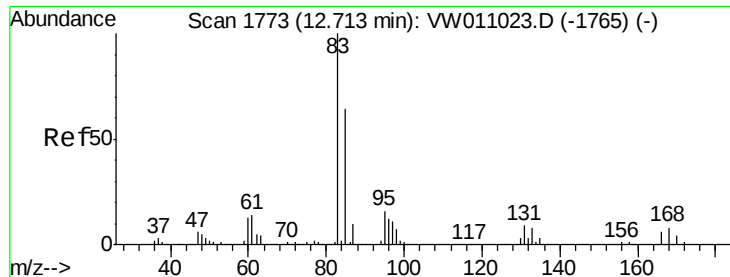
43 100

70 36.2 28.2 42.4

55 22.8 17.8 26.8

61 21.1 16.6 24.8

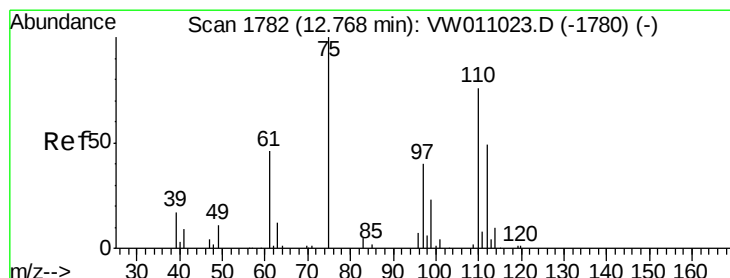
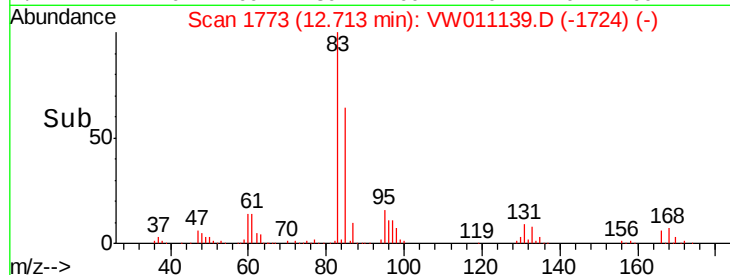
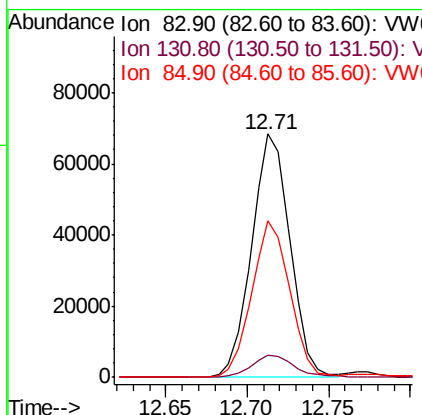
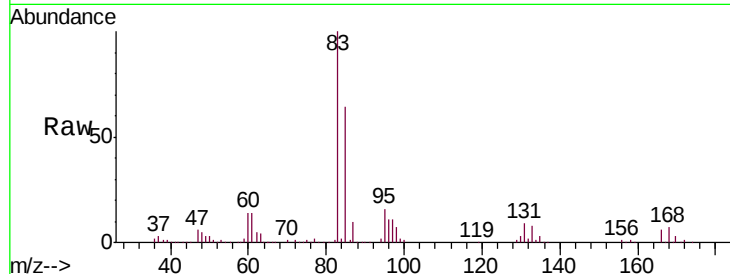




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.524 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

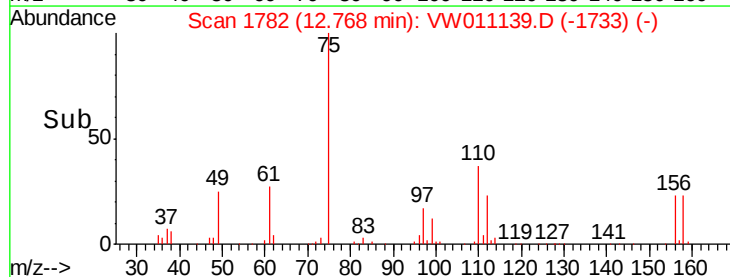
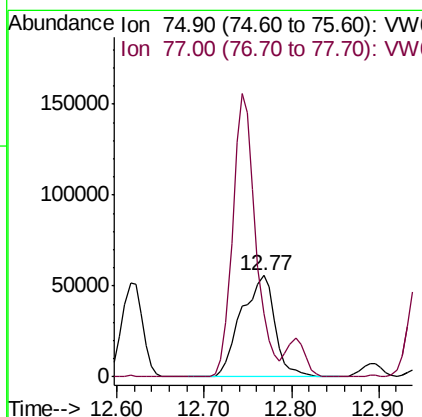
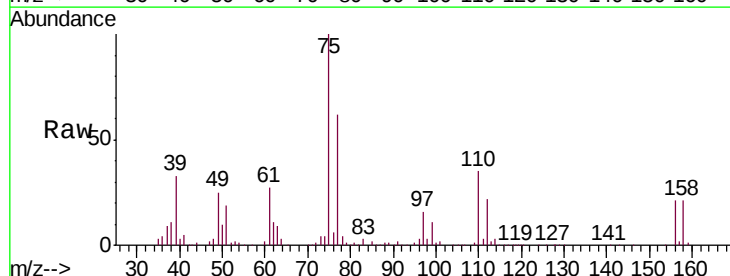
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

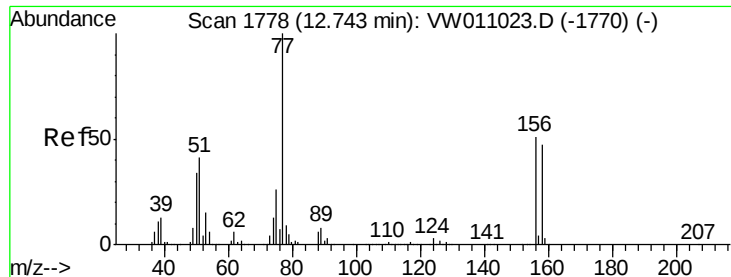
Tgt Ion: 83 Resp: 111984
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 63.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 93.741 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 75 Resp: 149106
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.403 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

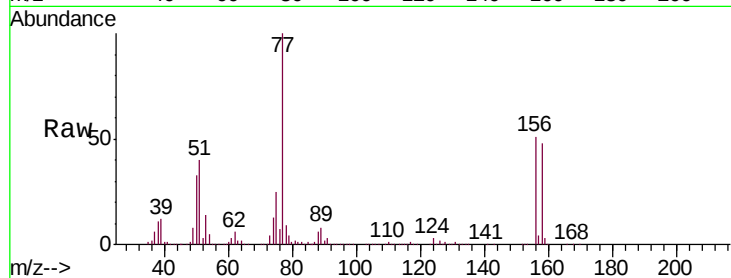
Tgt Ion:156 Resp: 132487

Ion Ratio Lower Upper

156 100

77 216.4 109.5 328.5

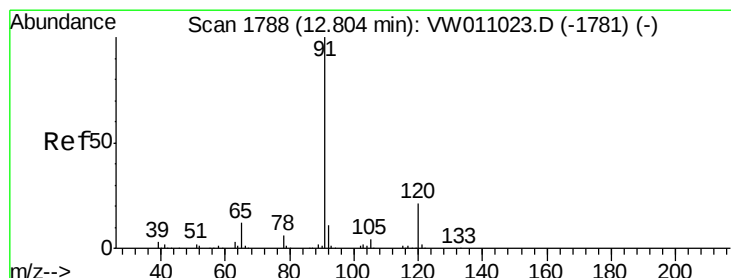
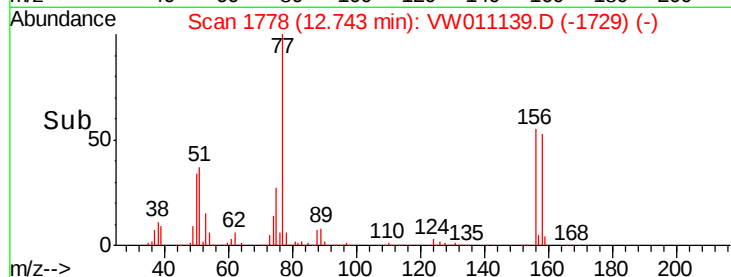
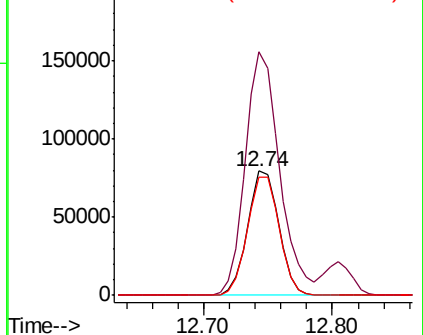
158 97.1 48.6 145.9



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: 56.008 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011139.D

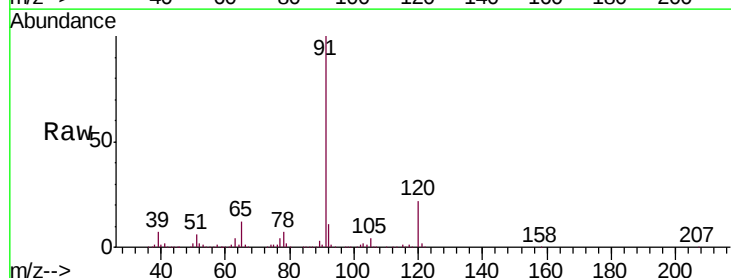
Acq: 03 Jul 2019 13:58

Tgt Ion: 91 Resp: 782830

Ion Ratio Lower Upper

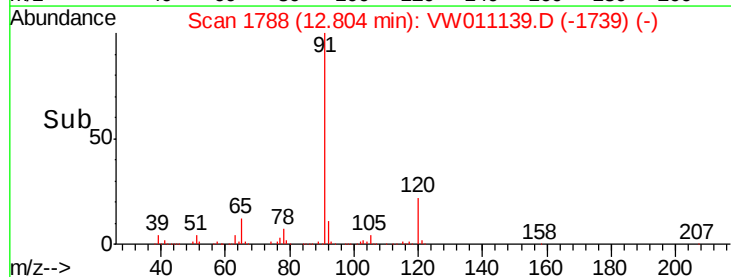
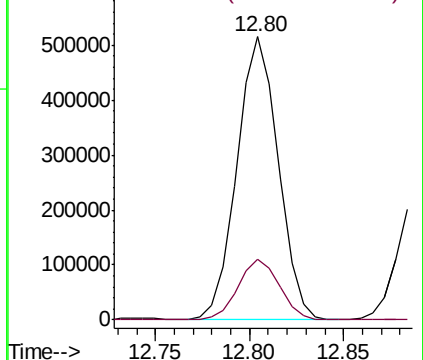
91 100

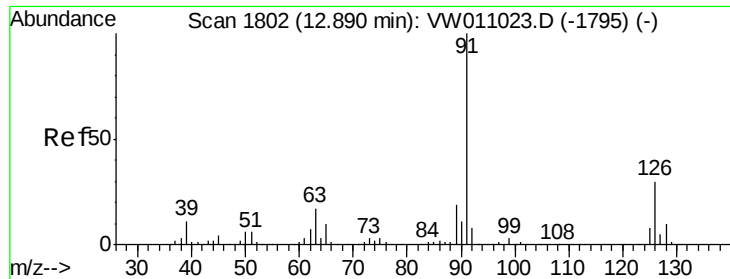
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

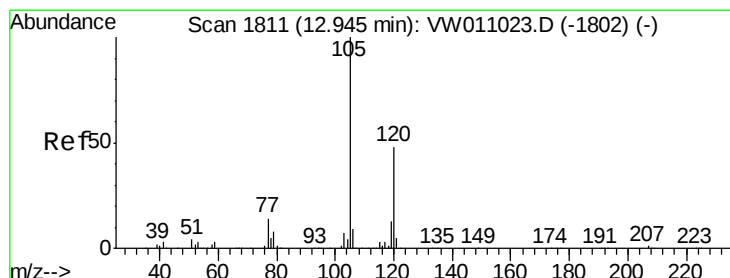
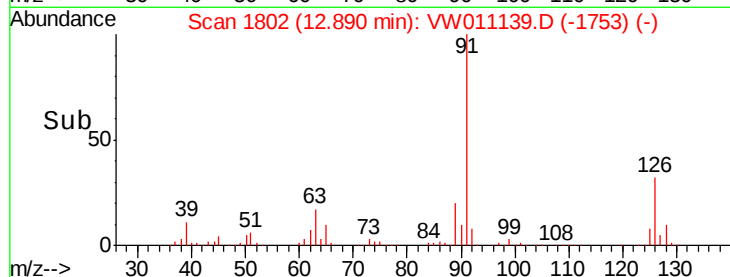
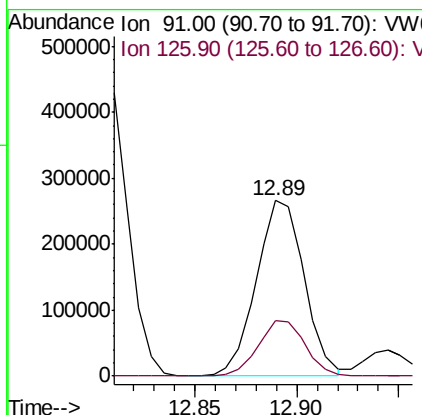
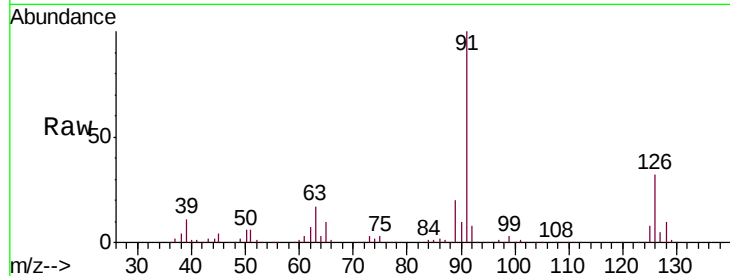




#79
 2-Chlorotoluene
 Concen: 54.364 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

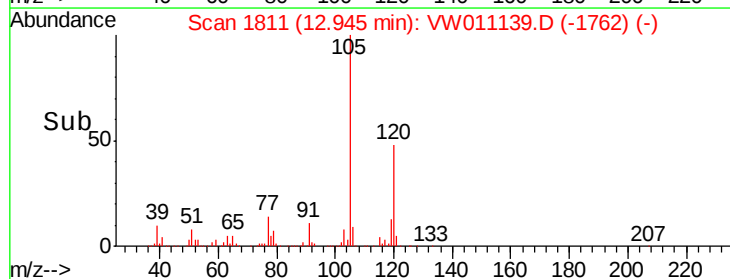
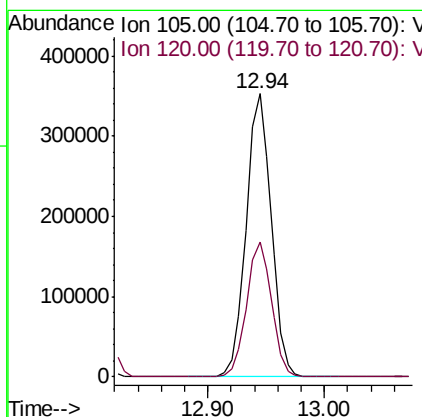
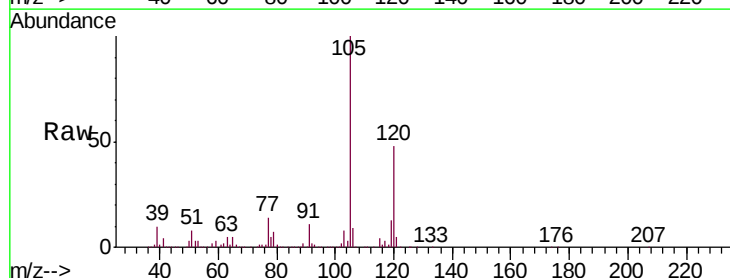
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

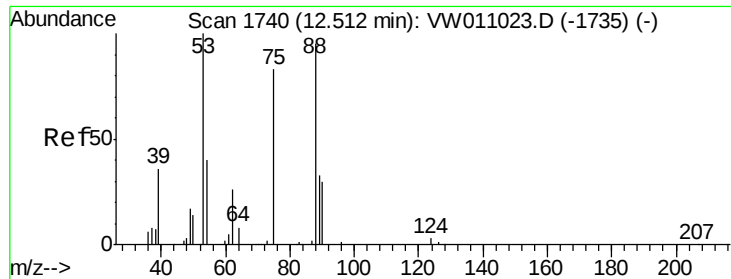
Tgt Ion: 91 Resp: 434111
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 55.535 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion: 105 Resp: 531274
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.8 71.5

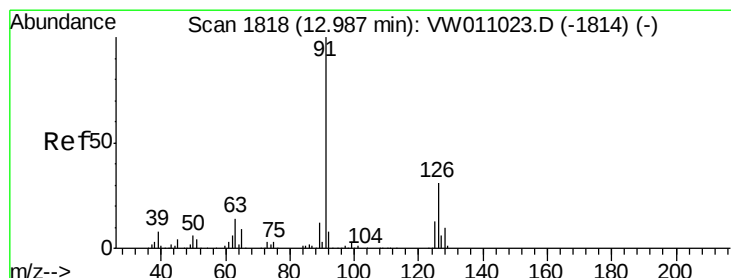
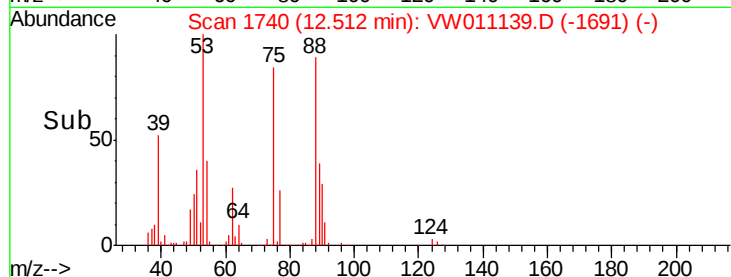
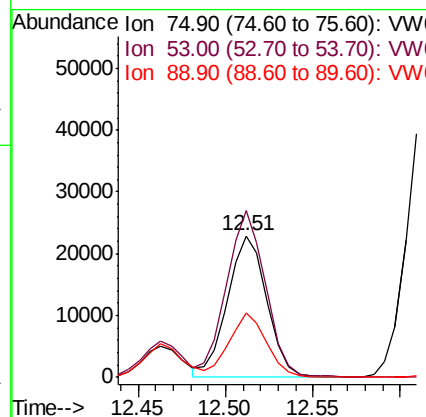
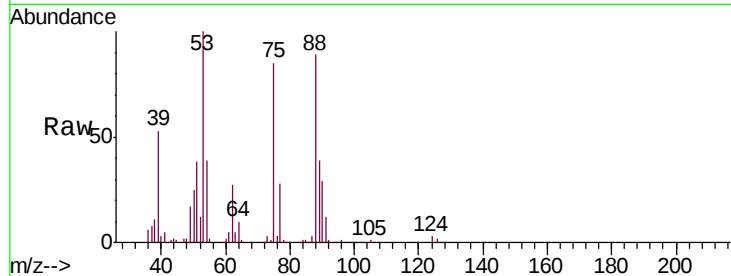




#81
trans-1,4-Dichloro-2-butene
Concen: 48.165 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

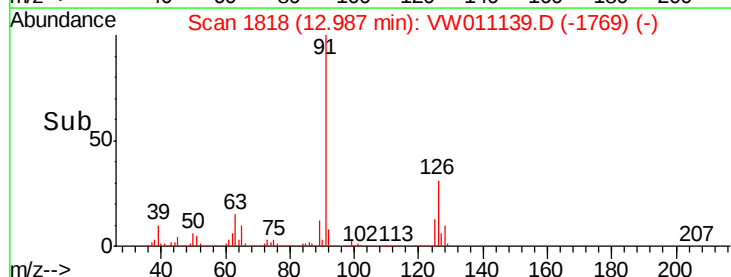
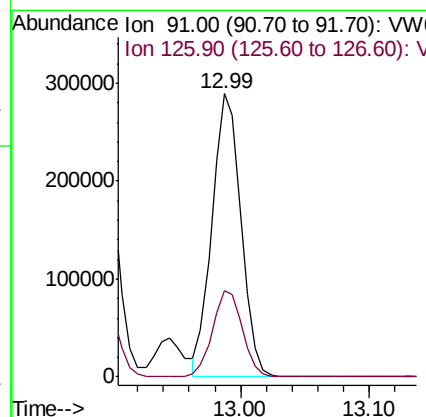
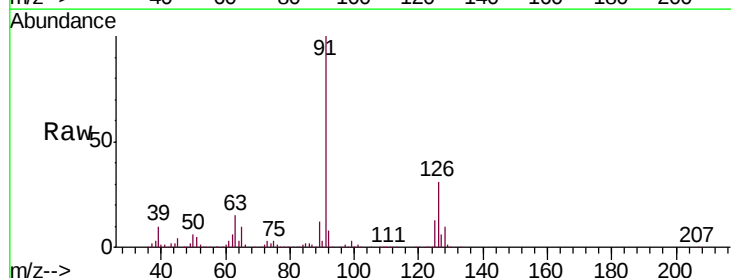
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

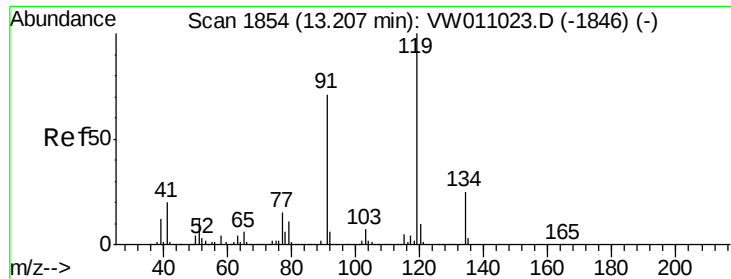
Tgt Ion: 75 Resp: 35884
Ion Ratio Lower Upper
75 100
53 117.2 95.6 143.4
89 42.9 34.4 51.6



#82
4-Chlorotoluene
Concen: 54.671 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion: 91 Resp: 454942
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

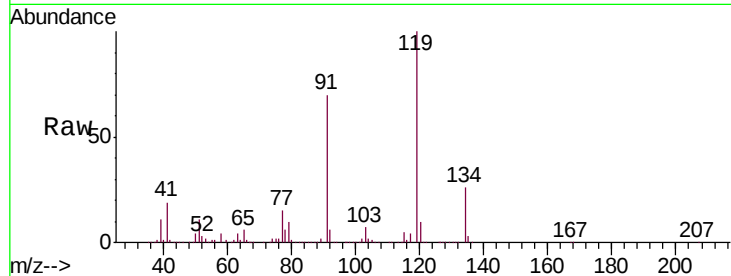




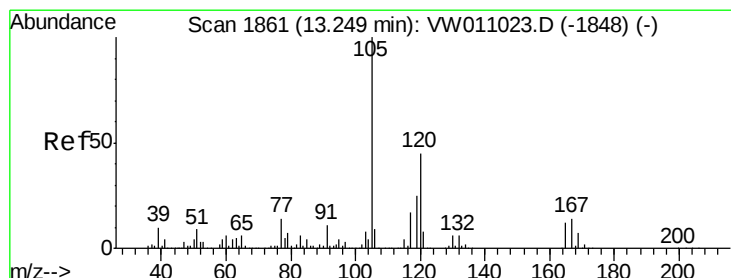
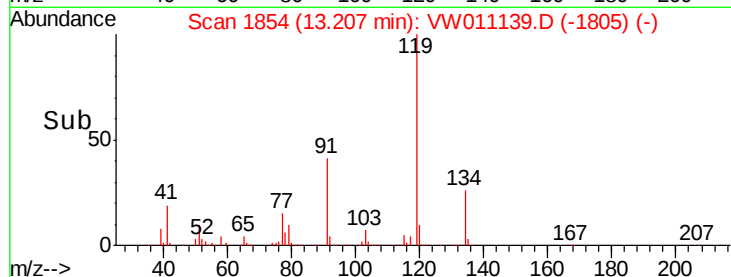
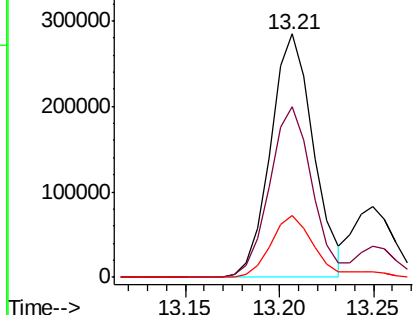
#83
tert-Butylbenzene
Concen: 56.212 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 448425
Ion Ratio Lower Upper
119 100
91 69.4 35.5 106.5
134 25.2 12.4 37.2

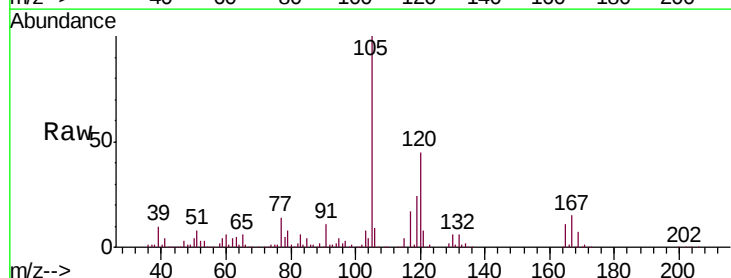


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

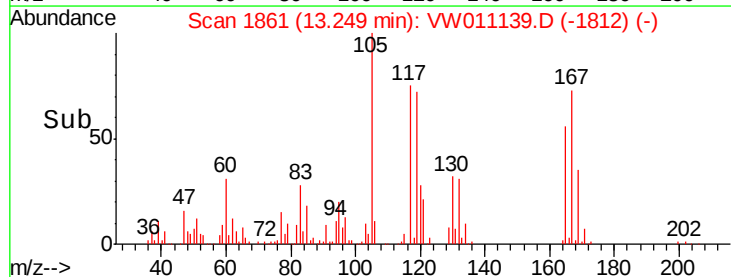
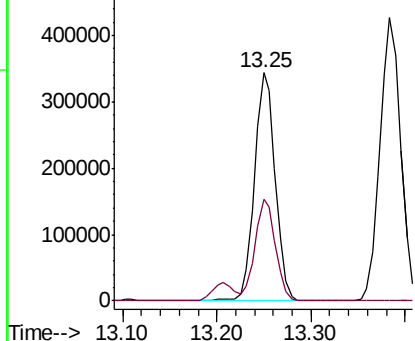


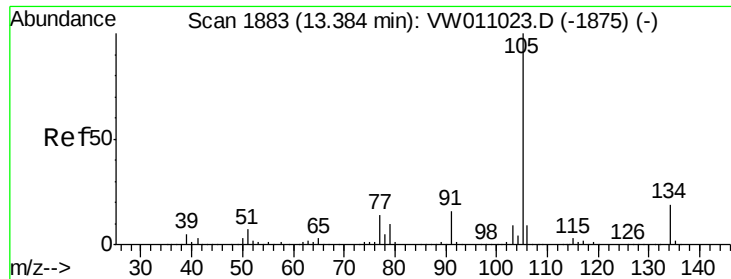
#84
1,2,4-Trimethylbenzene
Concen: 55.280 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:105 Resp: 534524
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

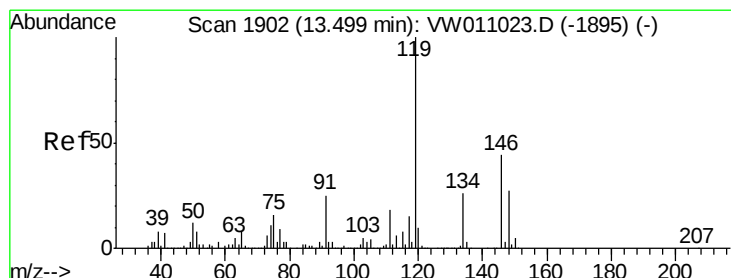
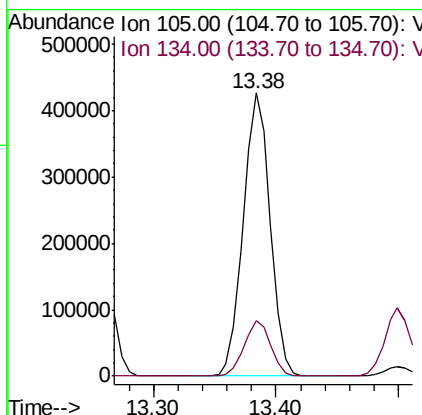
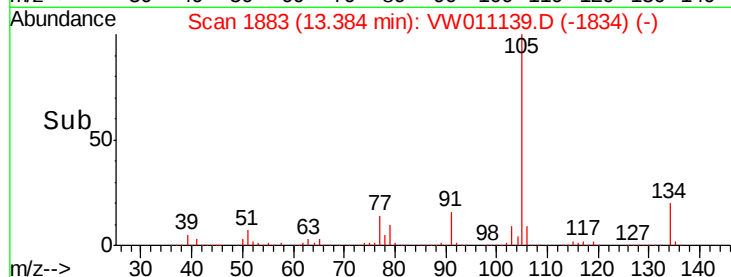
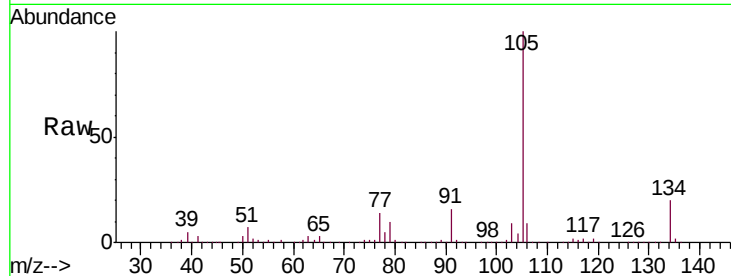




#85
 sec-Butylbenzene
 Concen: 56.008 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

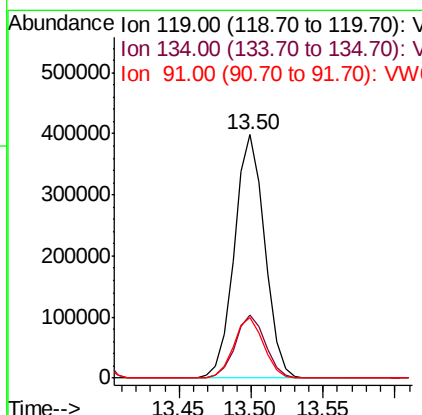
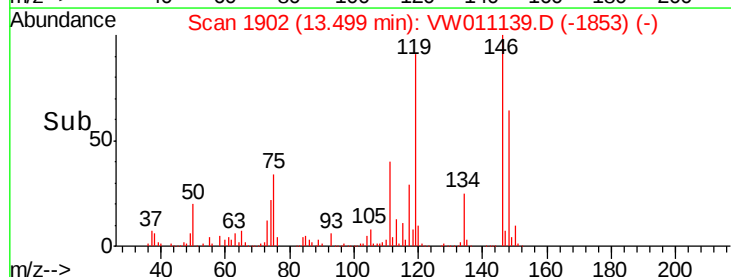
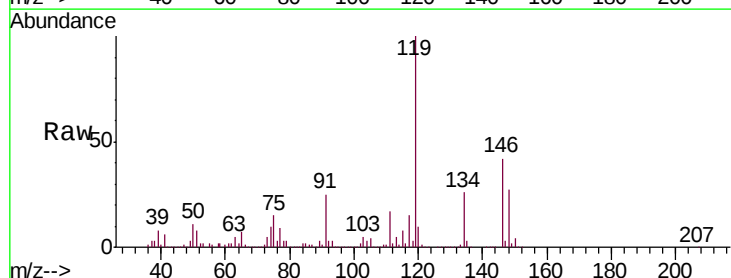
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

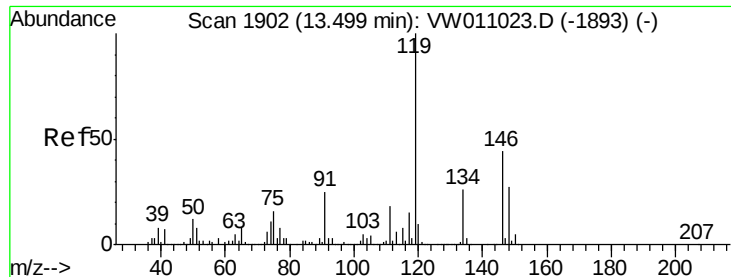
Tgt Ion:105 Resp: 649069
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 55.734 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion:119 Resp: 581227
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.7 12.3 36.9

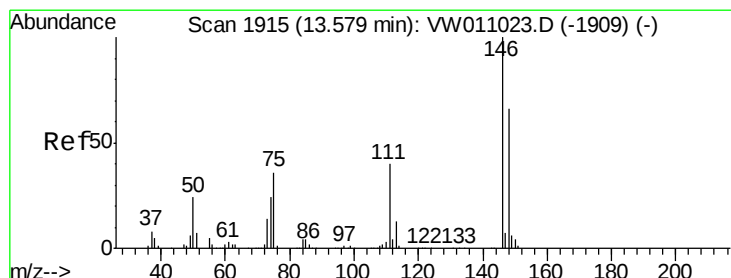
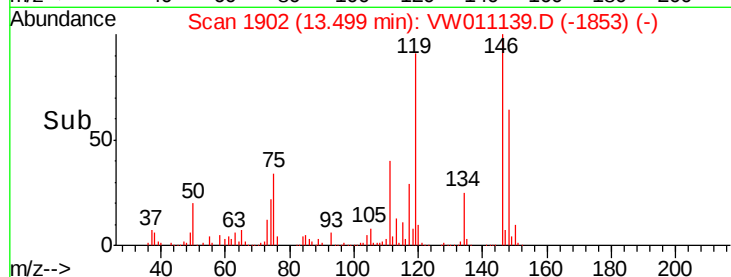
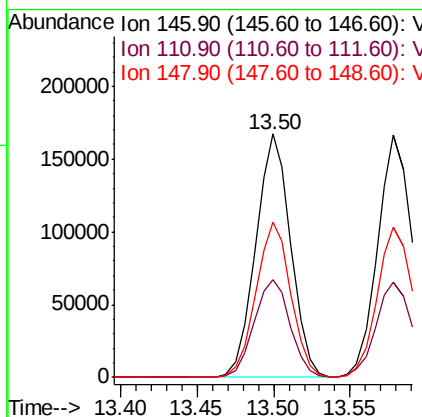
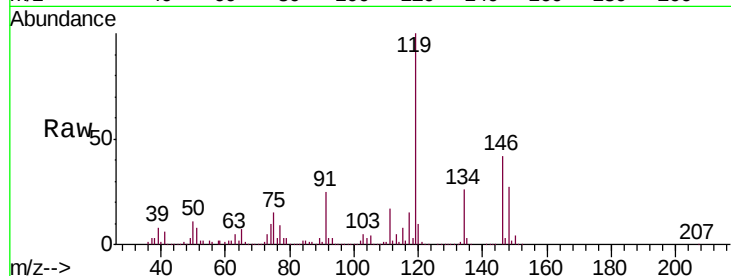




#87
 1,3-Dichlorobenzene
 Concen: 54.056 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

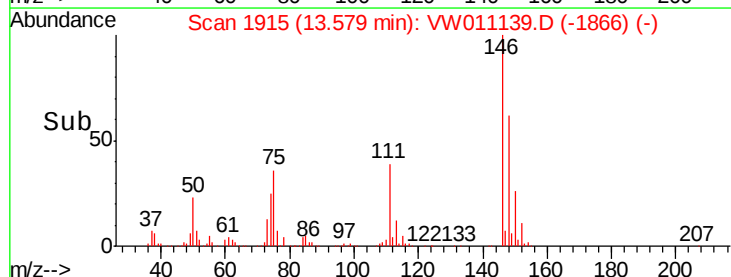
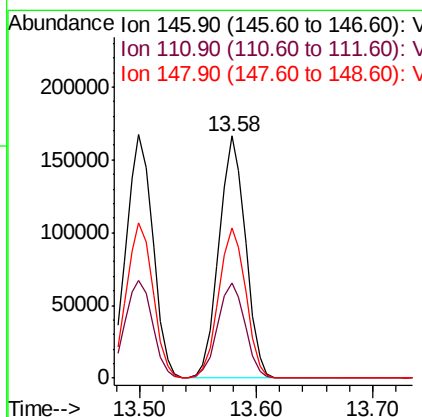
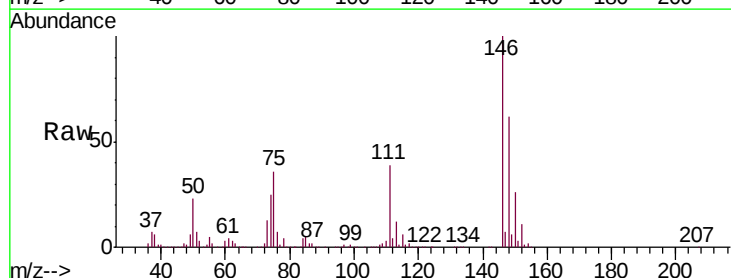
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

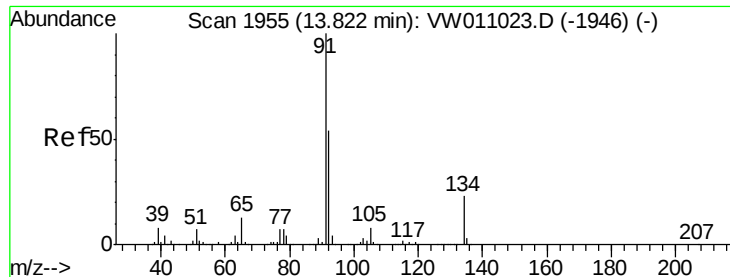
Tgt Ion:146 Resp: 265276
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.8
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 53.399 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion:146 Resp: 261590
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.9
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 55.814 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011139.D

Acq: 03 Jul 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

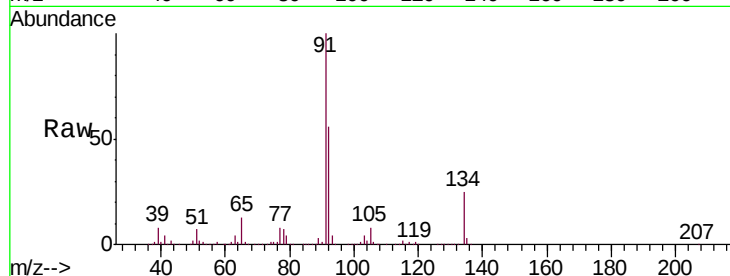
Tgt Ion: 91 Resp: 591607

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.2

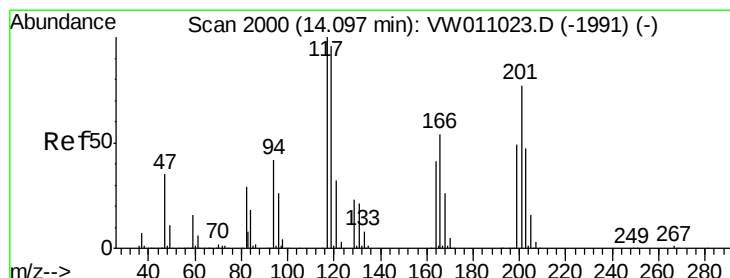
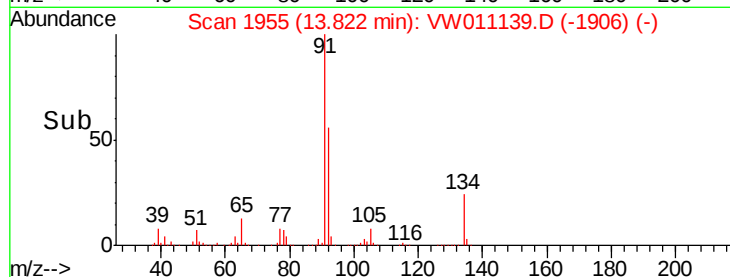
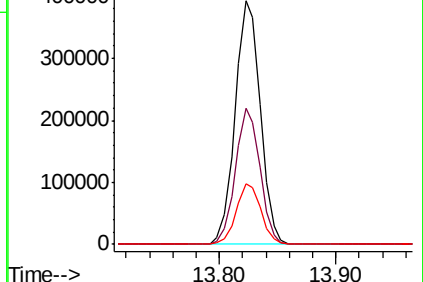
134 24.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.413 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011139.D

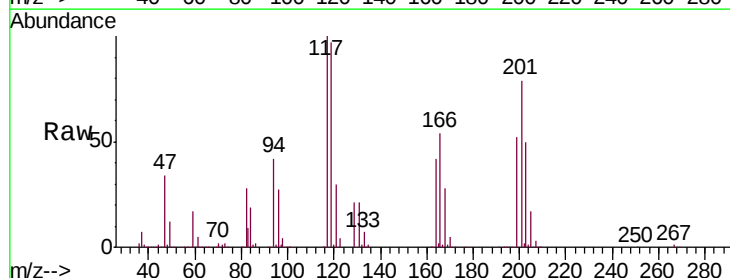
Acq: 03 Jul 2019 13:58

Tgt Ion: 117 Resp: 100661

Ion Ratio Lower Upper

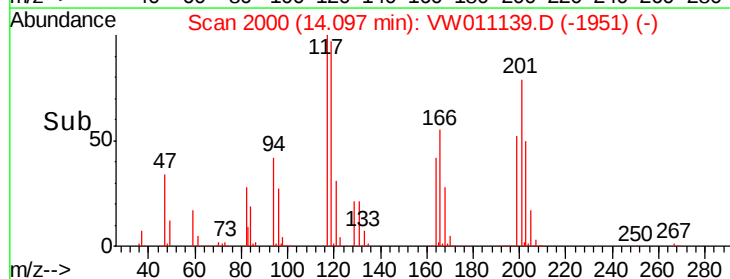
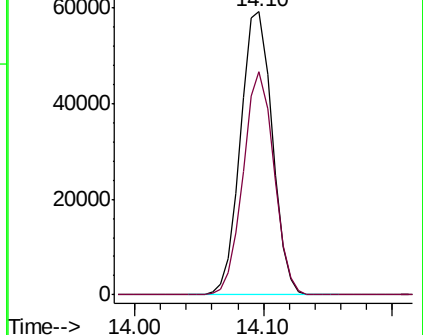
117 100

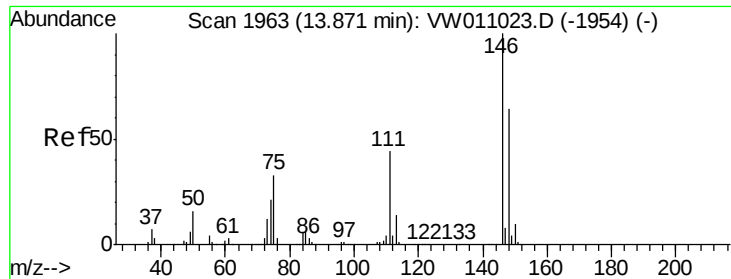
201 76.5 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

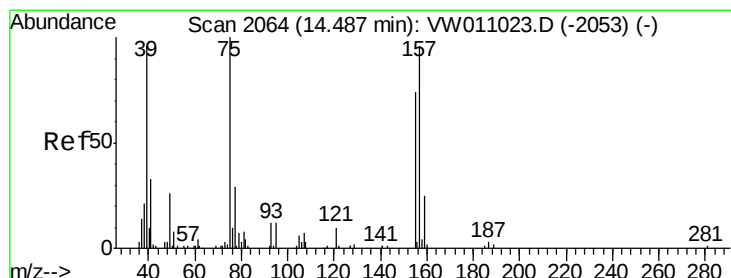
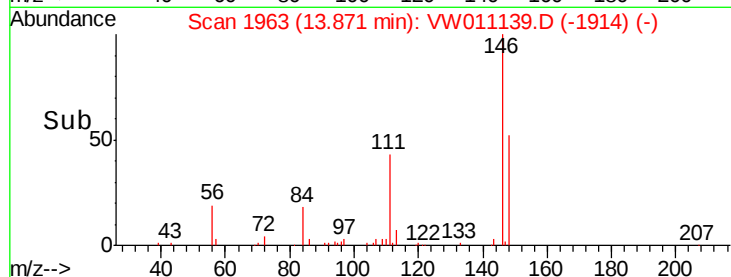
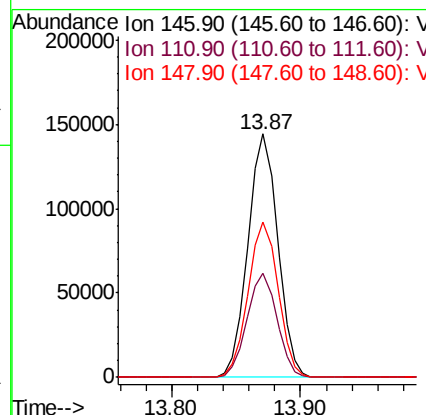
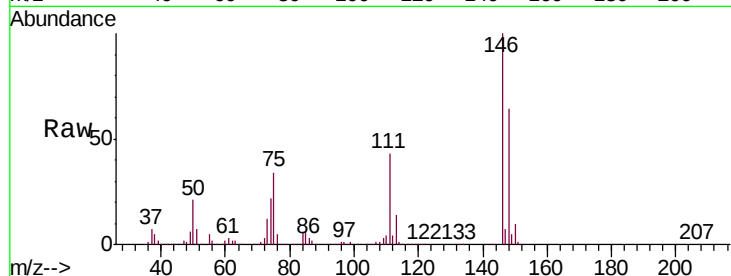




#91
 1,2-Dichlorobenzene
 Concen: 52.306 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

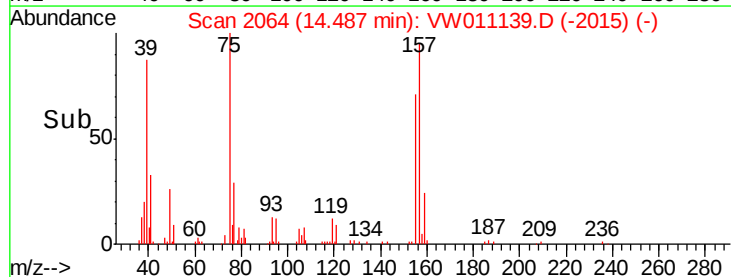
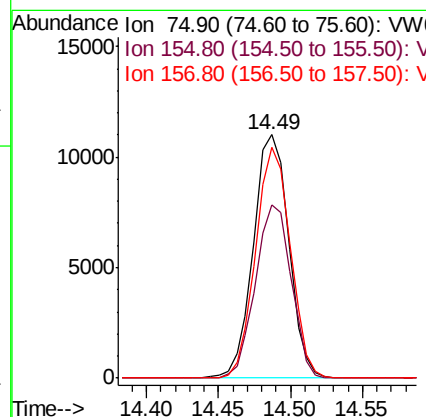
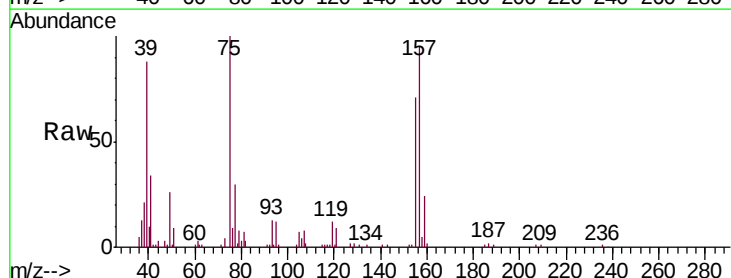
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

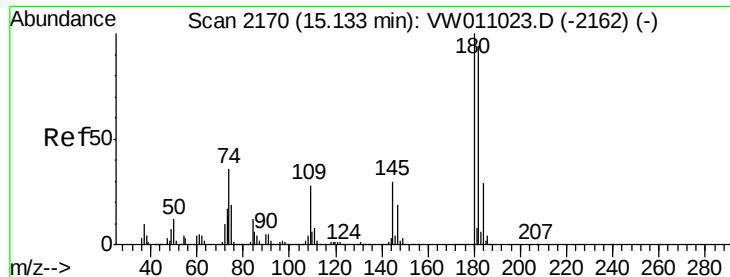
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.4	64.3
148	64.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.665 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	37.0	110.9
157	92.6	45.9	137.7

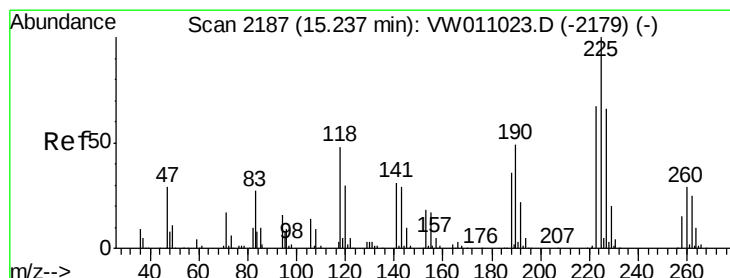
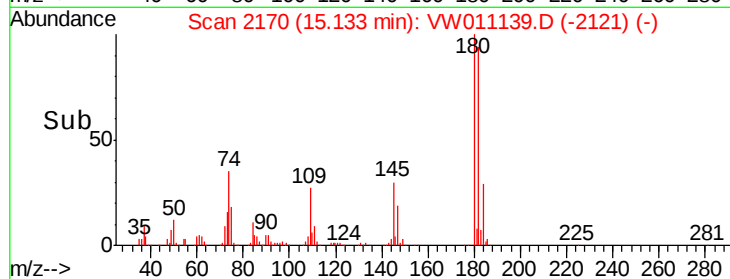
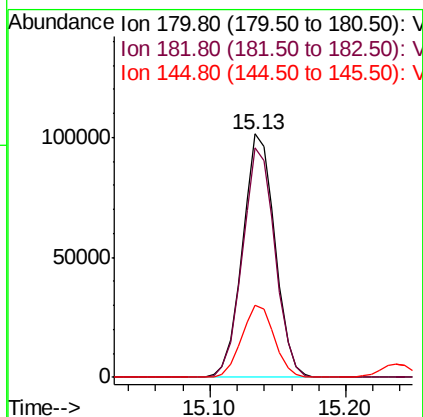
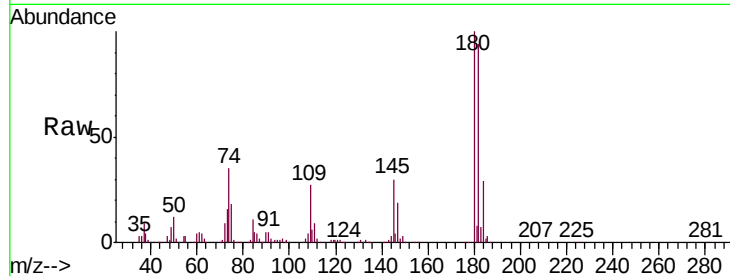




#93
 1,2,4-Trichlorobenzene
 Concen: 54.485 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

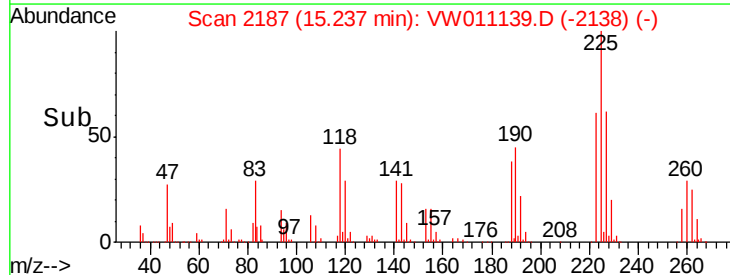
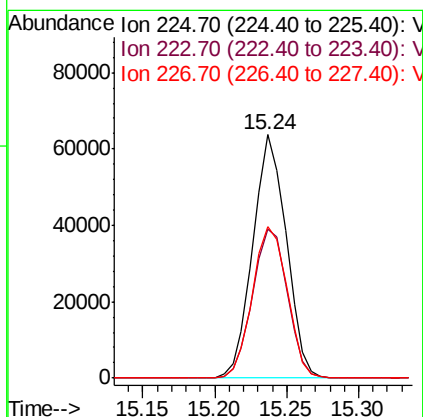
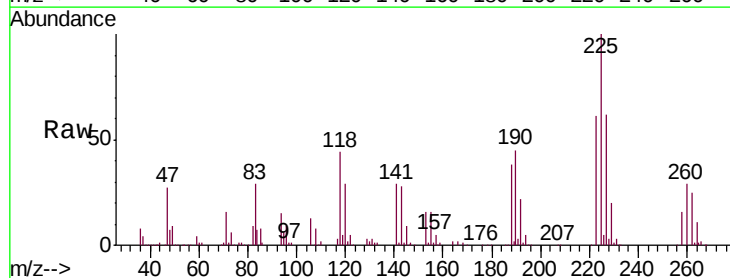
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

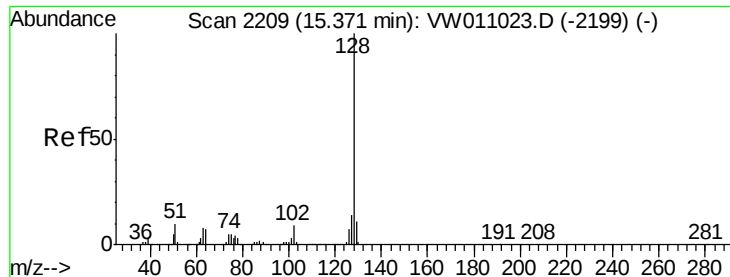
Tgt Ion:180 Resp: 168963
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 29.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 54.357 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011139.D
 Acq: 03 Jul 2019 13:58

Tgt Ion:225 Resp: 102240
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.9
 227 64.8 31.9 95.9

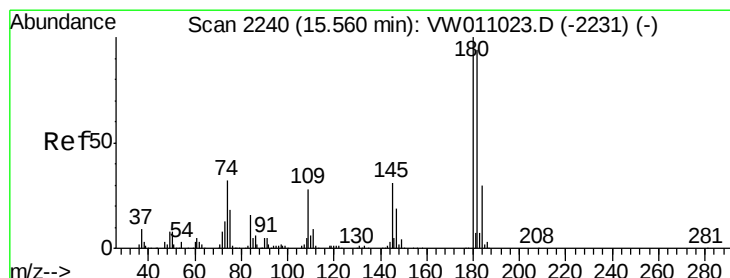
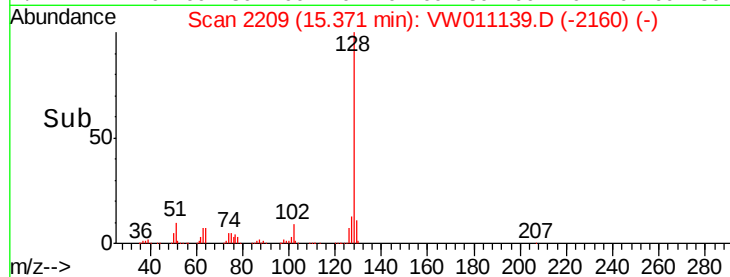
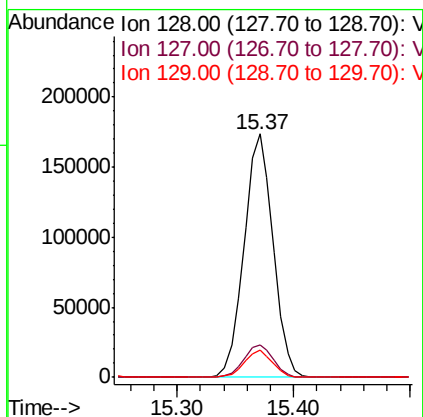
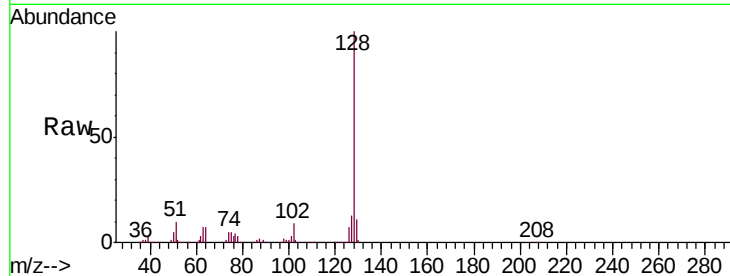




#95
Naphthalene
Concen: 51.866 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 302128
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.670 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011139.D
Acq: 03 Jul 2019 13:58

Tgt Ion:180 Resp: 143076
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.7
145 32.3 16.1 48.2

