

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010759.D
 Acq On : 10 Jun 2019 21:38
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 05:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143466	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	107497	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.32	98	441376	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	12.62	95	192284	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	87105	40.922	ug/l 99
3) Chloromethane	2.21	50	139481	44.539	ug/l 97
4) Vinyl Chloride	2.35	62	122287	42.265	ug/l 100
5) Bromomethane	2.75	94	83064	52.278	ug/l 98
6) Chloroethane	2.90	64	78399	45.141	ug/l 98
7) Trichlorofluoromethane	3.25	101	175229	46.655	ug/l 99
8) Diethyl Ether	3.68	74	73767	54.959	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108591	47.027	ug/l 98
10) Methyl Iodide	4.27	142	79571	35.039	ug/l 99
11) Tert butyl alcohol	5.17	59	78643	355.566	ug/l 98
12) 1,1-Dichloroethene	4.03	96	106081	47.623	ug/l 99
13) Acrolein	3.89	56	27752	307.059	ug/l 97
14) Allyl chloride	4.67	41	259485	52.832	ug/l 100
15) Acrylonitrile	5.37	53	187900	288.158	ug/l 100
16) Acetone	4.12	43	199771	274.617	ug/l 98
17) Carbon Disulfide	4.37	76	325351	46.011	ug/l 99
18) Methyl Acetate	4.67	43	97677	62.377	ug/l 97
19) Methyl tert-butyl Ether	5.42	73	364120	56.677	ug/l 98
20) Methylene Chloride	4.91	84	130737	51.230	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	127338	50.357	ug/l 98
22) Diisopropyl ether	6.31	45	553222	56.262	ug/l 100
23) Vinyl Acetate	6.25	43	1664130	280.433	ug/l 99
24) 1,1-Dichloroethane	6.21	63	263356	53.444	ug/l 98
25) 2-Butanone	7.17	43	299674	297.085	ug/l 96
26) 2,2-Dichloropropane	7.17	77	197426	49.235	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	148533	53.375	ug/l 99
28) Bromochloromethane	7.51	49	116514	52.982	ug/l 97
29) Tetrahydrofuran	7.52	42	188201	296.625	ug/l 99
30) Chloroform	7.67	83	243106	53.937	ug/l 98
31) Cyclohexane	7.95	56	246199	44.945	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	204892	52.040	ug/l 99
36) 1,1-Dichloropropene	8.08	75	190522	47.214	ug/l 99
37) Ethyl Acetate	7.25	43	126470	56.557	ug/l 99
38) Carbon Tetrachloride	8.07	117	168779	48.451	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227510	44.351	ug/l	100
40) Benzene	8.32	78	552407	50.180	ug/l	100
41) Methacrylonitrile	7.49	41	76442	57.512	ug/l	96
42) 1,2-Dichloroethane	8.40	62	188624	53.987	ug/l	99
43) Isopropyl Acetate	8.42	43	247237	57.230	ug/l	99
44) Trichloroethene	9.09	130	134318	49.463	ug/l	100
45) 1,2-Dichloropropane	9.37	63	154579	53.045	ug/l	98
46) Dibromomethane	9.46	93	73705	54.454	ug/l	99
47) Bromodichloromethane	9.64	83	189220	53.931	ug/l	98
48) Methyl methacrylate	9.43	41	120163	57.690	ug/l	98
49) 1,4-Dioxane	9.45	88	23612	1115.784	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	634429	287.462	ug/l	100
52) Toluene	10.39	92	340242	50.233	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200710	54.009	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233628	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	104230	53.454	ug/l	99
56) Ethyl methacrylate	10.65	69	171344	57.108	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199004	54.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	412970	262.782	ug/l	100
59) 2-Hexanone	10.97	43	453542	284.344	ug/l	99
60) Dibromochloromethane	11.13	129	133127	61.589	ug/l	92
61) 1,2-Dibromoethane	11.23	107	99706	53.969	ug/l	100
64) Tetrachloroethene	10.86	164	123938	51.766	ug/l	99
65) Chlorobenzene	11.66	112	348327	49.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	126386	51.488	ug/l	97
67) Ethyl Benzene	11.73	91	657757	48.266	ug/l	99
68) m/p-Xylenes	11.84	106	471228	96.595	ug/l	99
69) o-Xylene	12.16	106	230074	49.727	ug/l	98
70) Styrene	12.18	104	407454	50.695	ug/l	100
71) Bromoform	12.35	173	73499	57.896	ug/l #	93
73) Isopropylbenzene	12.46	105	631706	47.904	ug/l	98
74) N-amyl acetate	12.27	43	240640	56.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127624	50.837	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	173210	93.992	ug/l #	100
77) Bromobenzene	12.75	156	145334	50.490	ug/l	100
78) n-propylbenzene	12.80	91	735648	46.265	ug/l	99
79) 2-Chlorotoluene	12.89	91	440184	48.455	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	509221	47.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41752	52.073	ug/l	97
82) 4-Chlorotoluene	12.99	91	448526	47.844	ug/l	100
83) tert-Butylbenzene	13.21	119	444176	48.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	514915	47.407	ug/l	98
85) sec-Butylbenzene	13.38	105	610777	45.795	ug/l	97
86) p-Isopropyltoluene	13.50	119	549118	46.040	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267897	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263121	47.812	ug/l	97
89) n-Butylbenzene	13.83	91	540823	45.447	ug/l	100
90) Hexachloroethane	14.10	117	107668	50.408	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	243840	48.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23977	55.619	ug/l	77

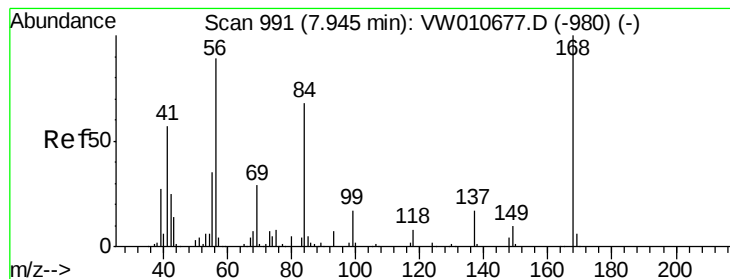
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	178013	50.815	ug/l	98
94) Hexachlorobutadiene	15.24	225	102044	46.413	ug/l	99
95) Naphthalene	15.37	128	363129	57.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158407	53.170	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

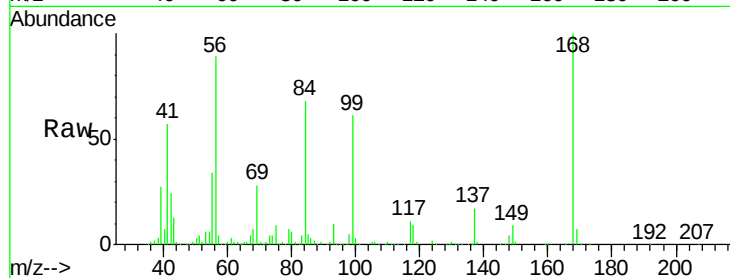
VSTDCCC050EC

Tgt Ion:168 Resp: 230336

Ion Ratio Lower Upper

168 100

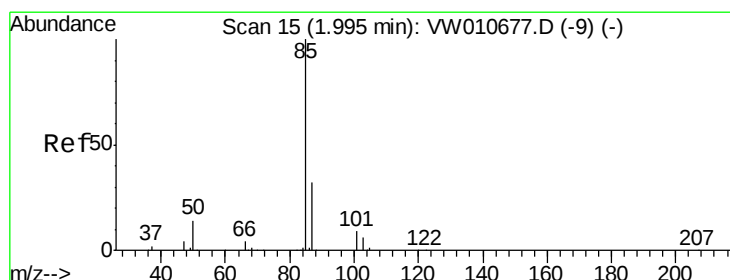
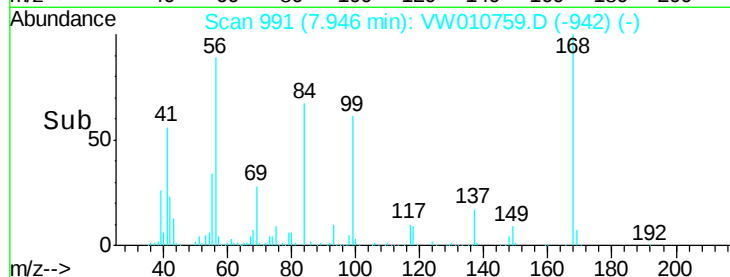
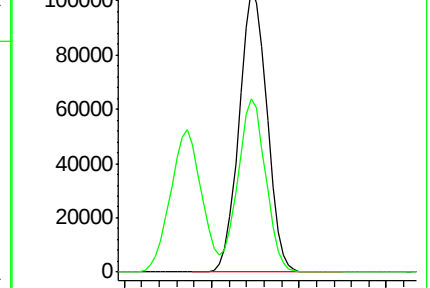
99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 40.922 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010759.D

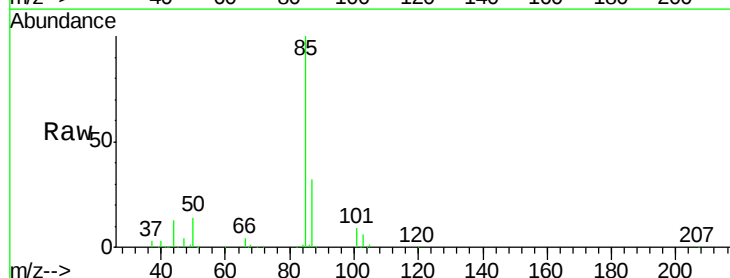
Acq: 10 Jun 2019 21:38

Tgt Ion: 85 Resp: 87105

Ion Ratio Lower Upper

85 100

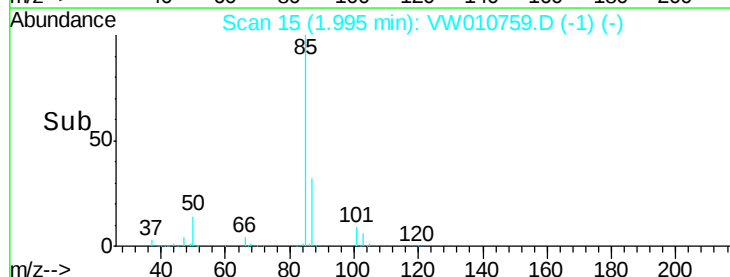
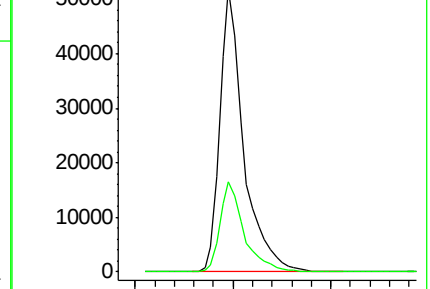
87 31.7 16.2 48.5

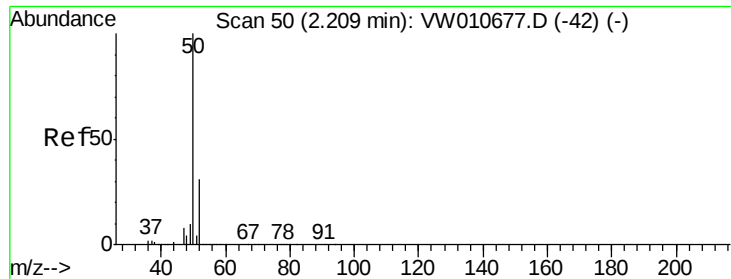


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

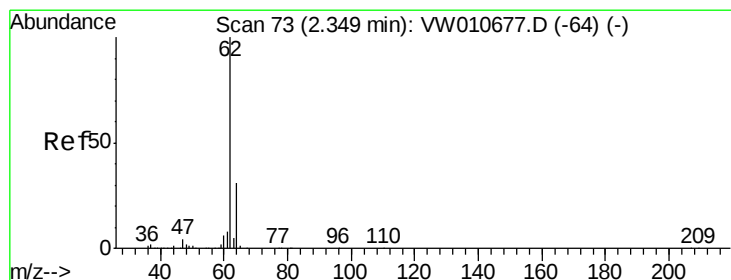
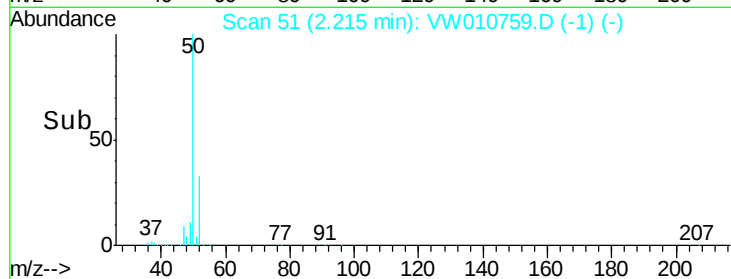
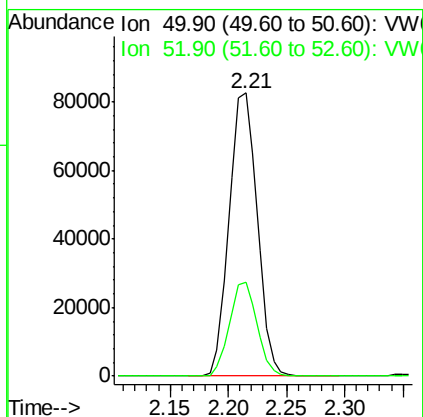
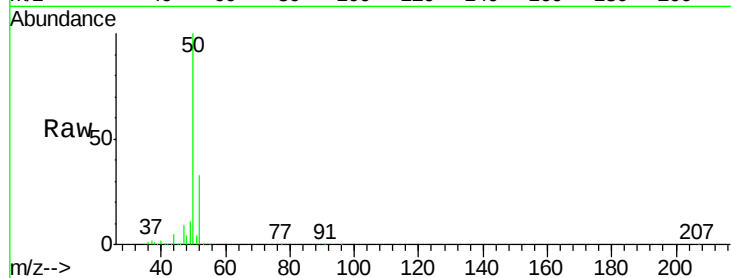




#3
Chloromethane
Concen: 44.539 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

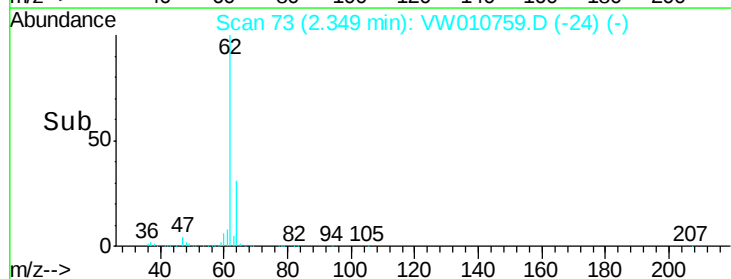
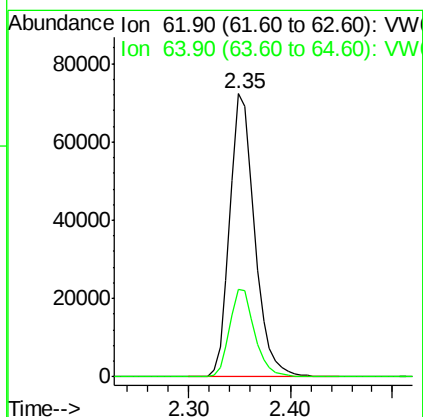
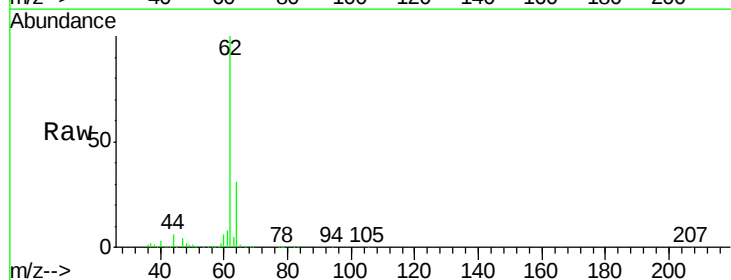
Instrument :
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VSTDCCC050EC

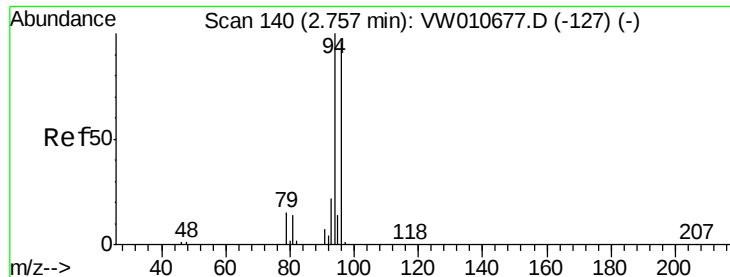
Tgt Ion: 50 Resp: 139481
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8



#4
Vinyl Chloride
Concen: 42.265 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 62 Resp: 122287
Ion Ratio Lower Upper
62 100
64 30.8 24.5 36.7





#5

Bromomethane

Concen: 52.278 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

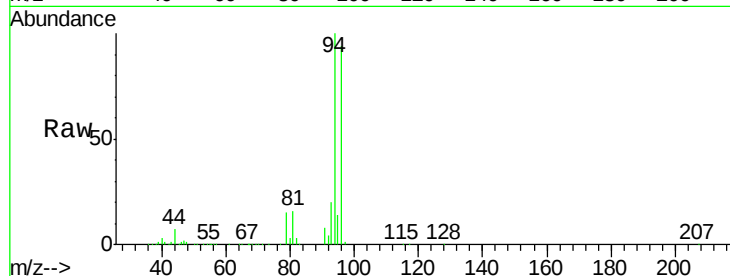
VSTDCCC050EC

Tgt Ion: 94 Resp: 83064

Ion Ratio Lower Upper

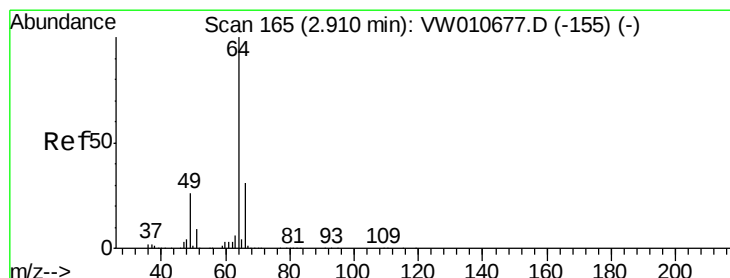
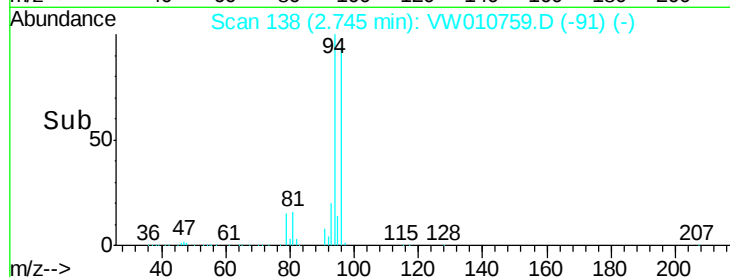
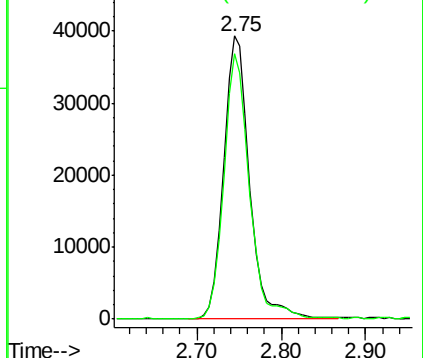
94 100

96 93.7 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 45.141 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010759.D

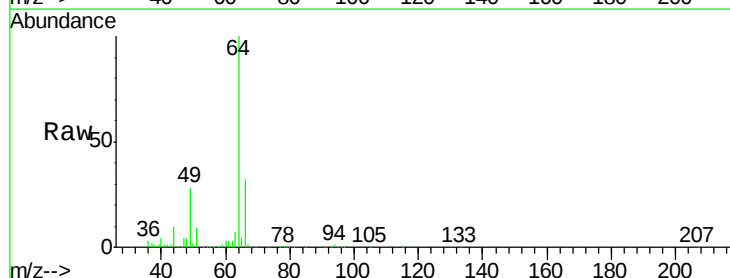
Acq: 10 Jun 2019 21:38

Tgt Ion: 64 Resp: 78399

Ion Ratio Lower Upper

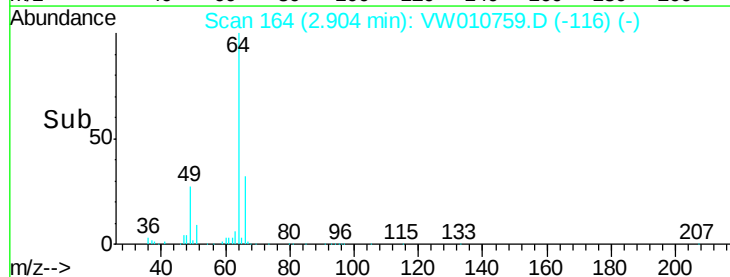
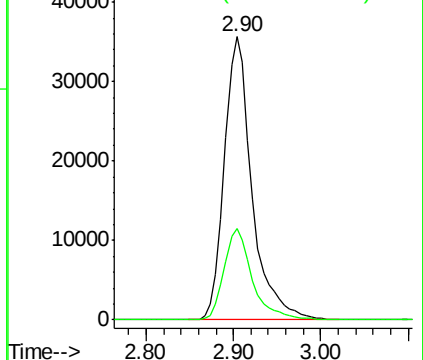
64 100

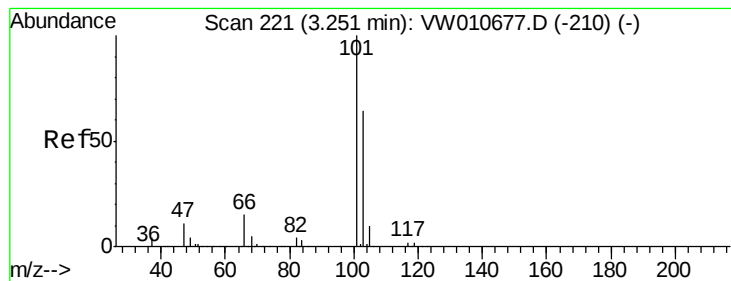
66 32.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



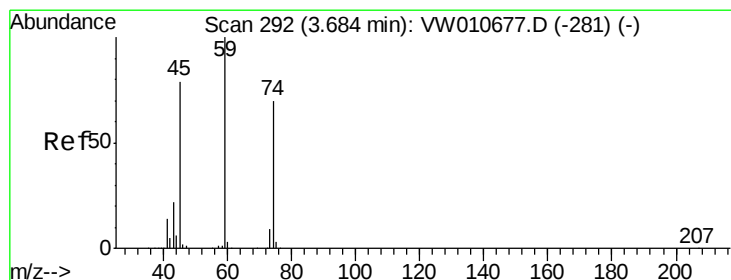
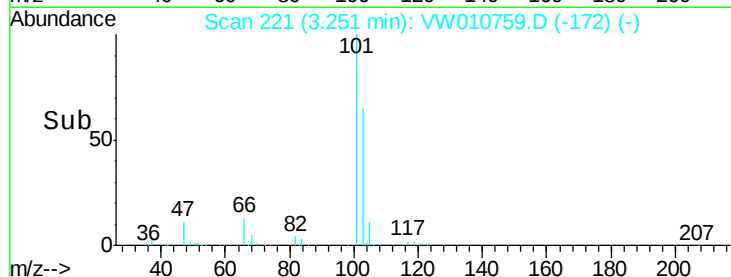
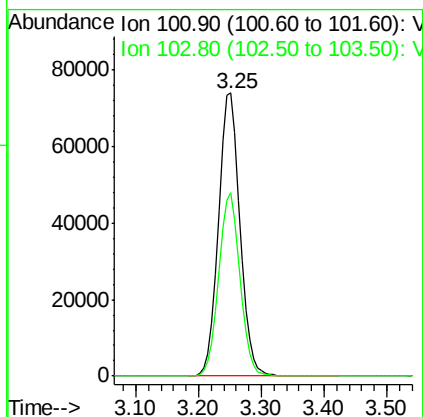
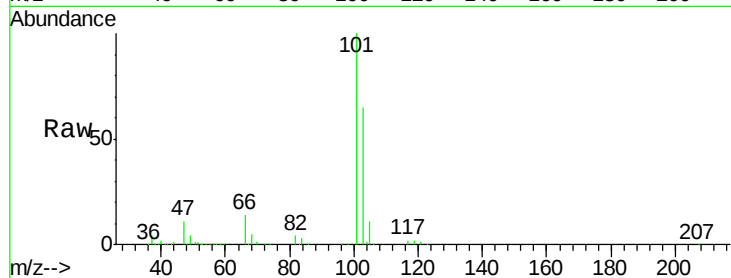


#7

Trichlorofluoromethane
 Concen: 46.655 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

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 MSVOA_W
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 VSTDCCC050EC

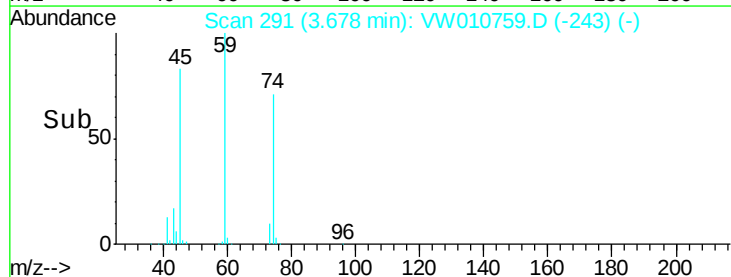
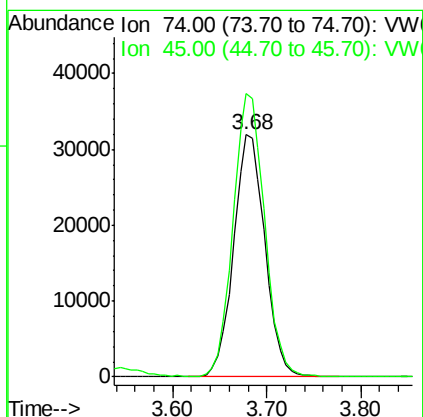
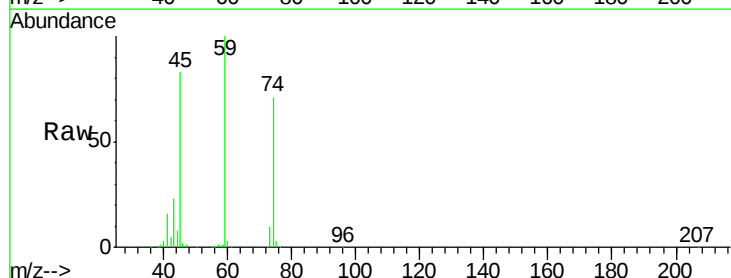
Tgt Ion:101 Resp: 175229
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

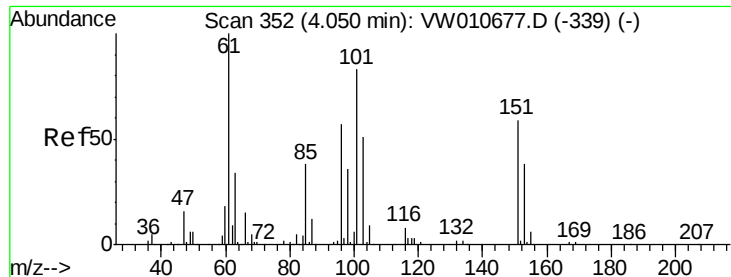


#8

Diethyl Ether
 Concen: 54.959 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 74 Resp: 73767
 Ion Ratio Lower Upper
 74 100
 45 117.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.027 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

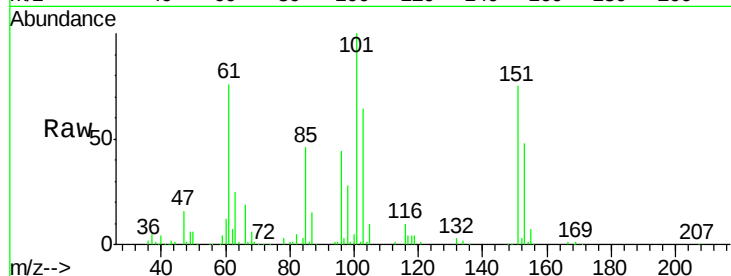
Tgt Ion:101 Resp: 108591

Ion Ratio Lower Upper

101 100

85 46.0 35.8 53.8

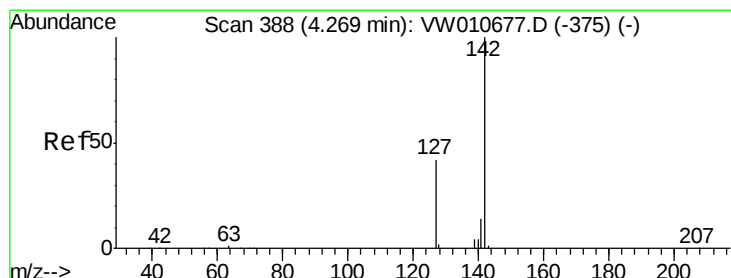
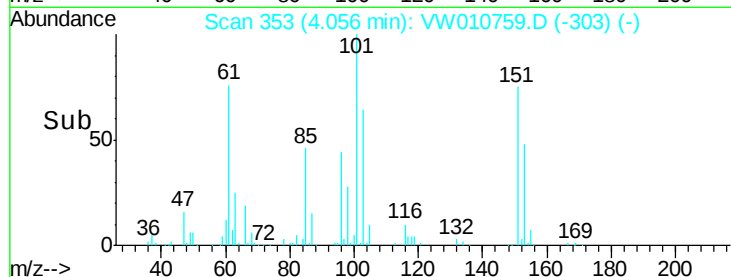
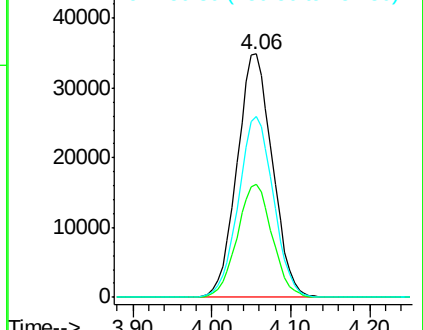
151 73.8 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.039 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

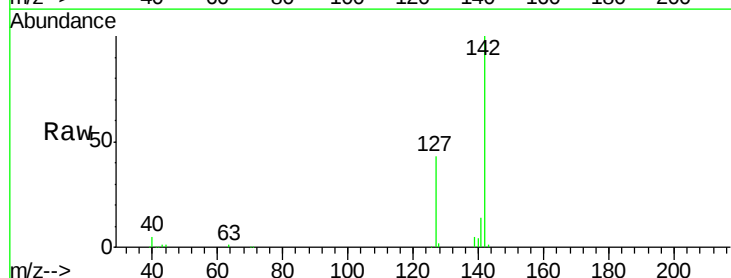
Tgt Ion:142 Resp: 79571

Ion Ratio Lower Upper

142 100

127 43.7 34.6 51.8

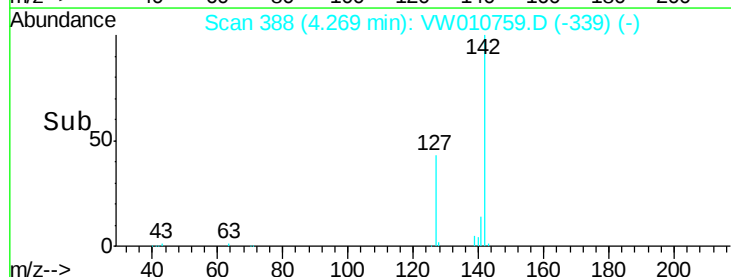
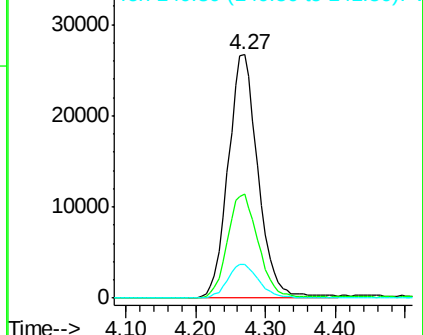
141 14.5 11.6 17.4

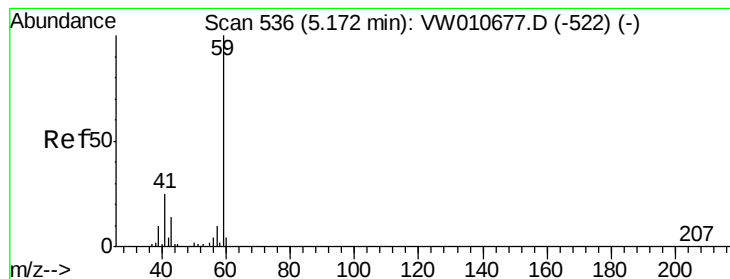


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 355.566 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

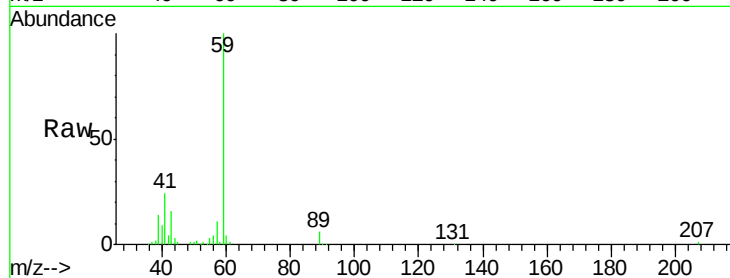
VSTDCCC050EC

Tgt Ion: 59 Resp: 78643

Ion Ratio Lower Upper

59 100

57 10.0 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

20000

15000

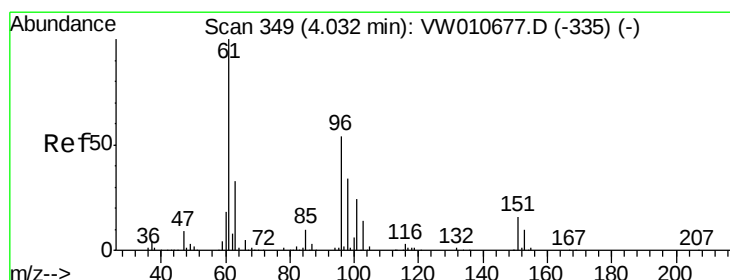
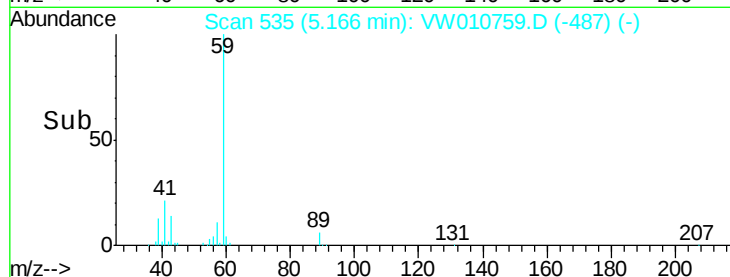
10000

5000

0

Time-->

5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 47.623 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

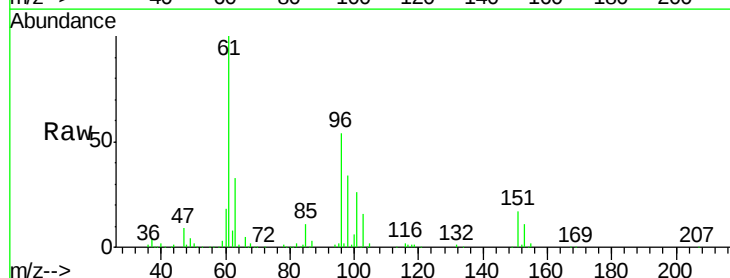
Tgt Ion: 96 Resp: 106081

Ion Ratio Lower Upper

96 100

61 185.8 149.1 223.7

98 62.9 51.1 76.7



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

4.03

100000

80000

60000

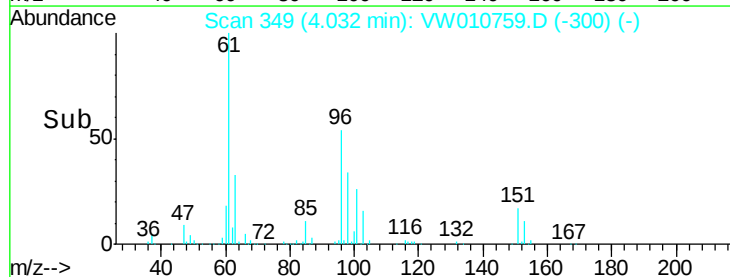
40000

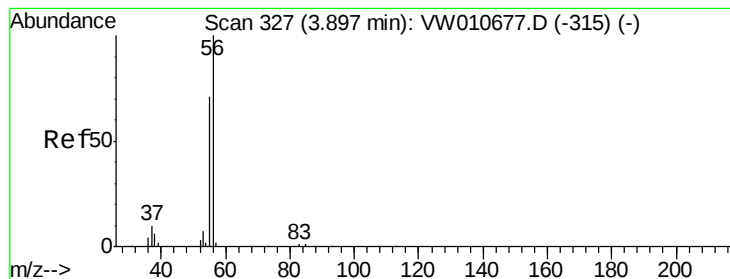
20000

0

Time-->

3.90 4.00 4.10





#13

Acrolein

Concen: 307.059 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

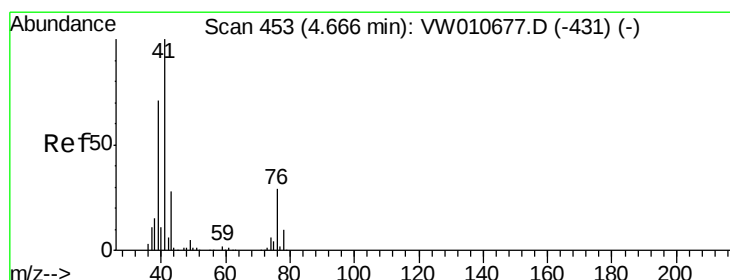
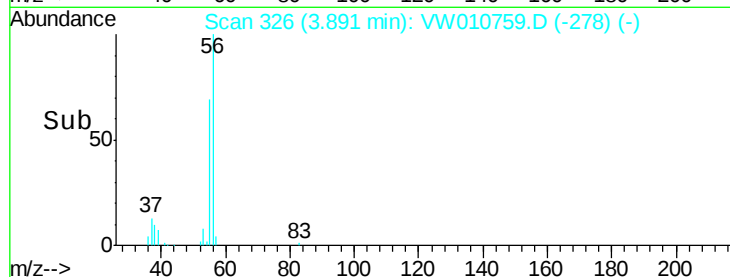
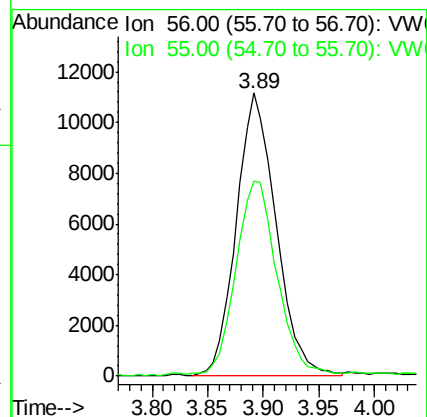
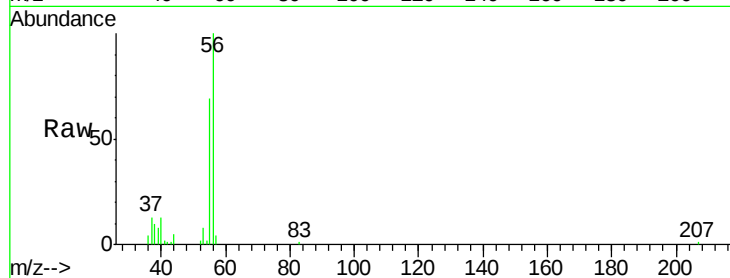
VSTDCCC050EC

Tgt Ion: 56 Resp: 27752

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 52.832 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

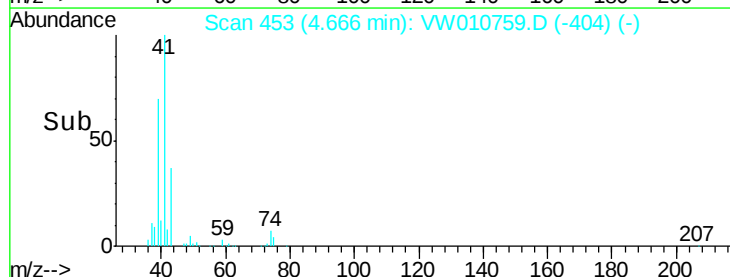
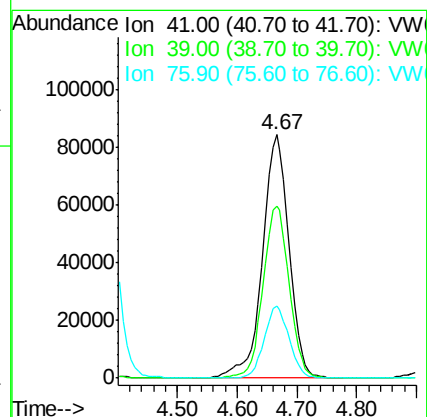
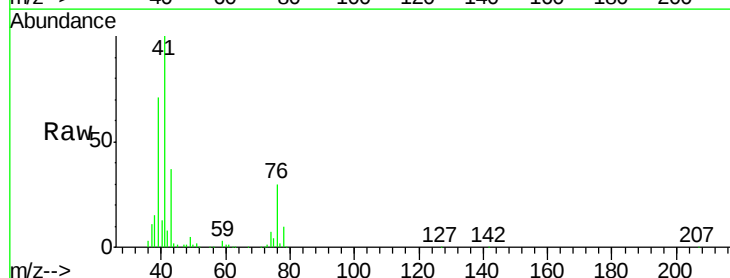
Tgt Ion: 41 Resp: 259485

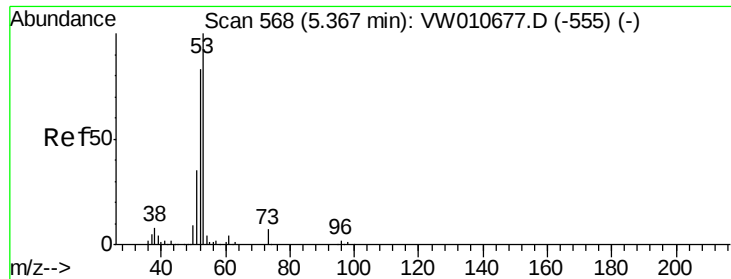
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 27.8 22.7 34.1





#15

Acrylonitrile

Concen: 288.158 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

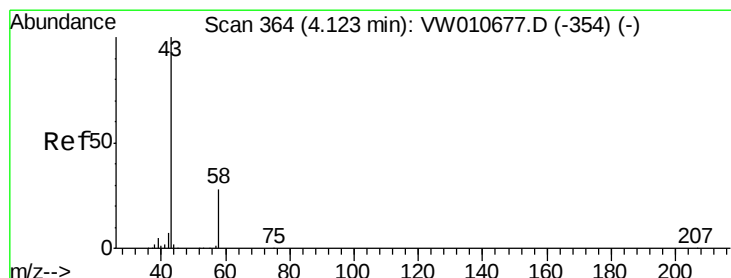
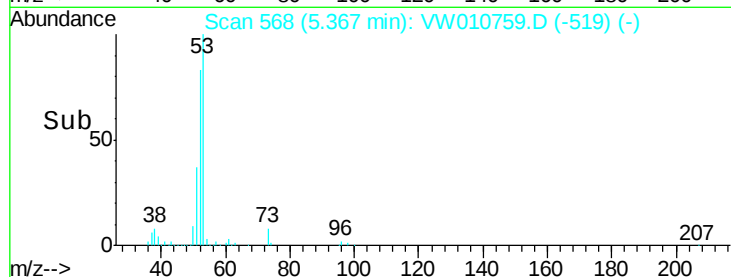
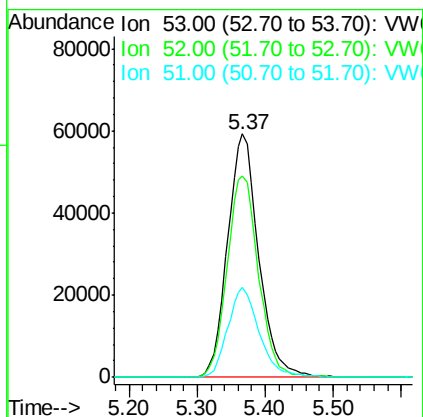
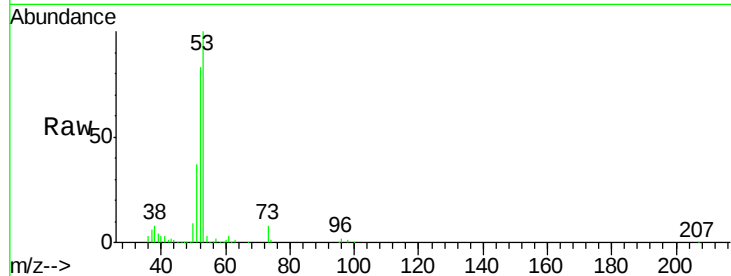
Tgt Ion: 53 Resp: 187900

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 37.6 29.8 44.8



#16

Acetone

Concen: 274.617 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010759.D

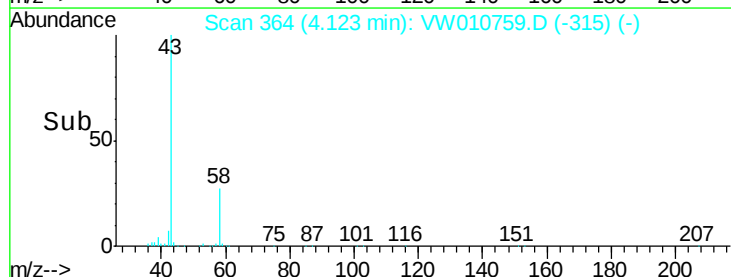
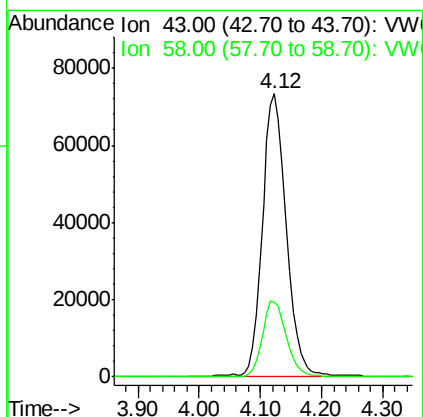
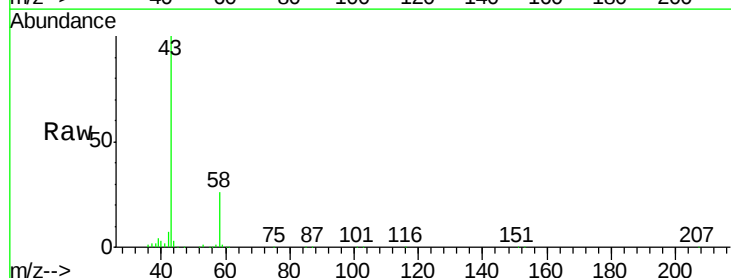
Acq: 10 Jun 2019 21:38

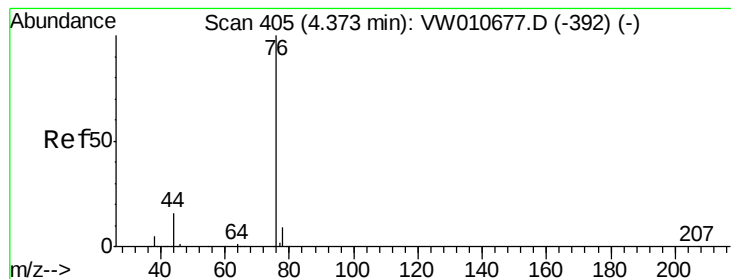
Tgt Ion: 43 Resp: 199771

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1





#17

Carbon Disulfide

Concen: 46.011 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

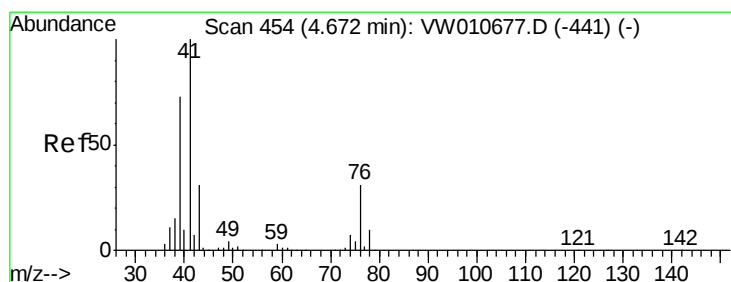
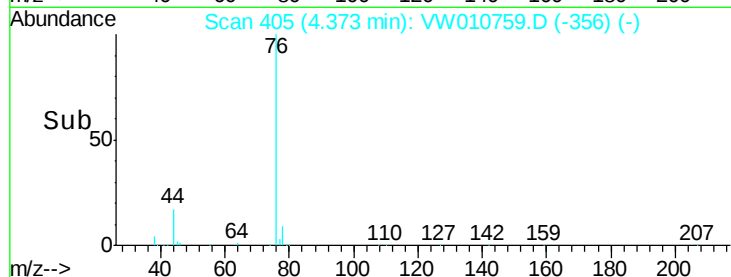
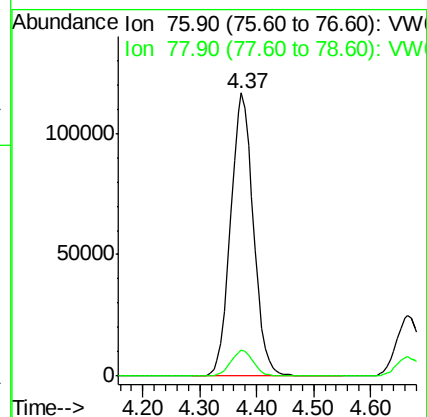
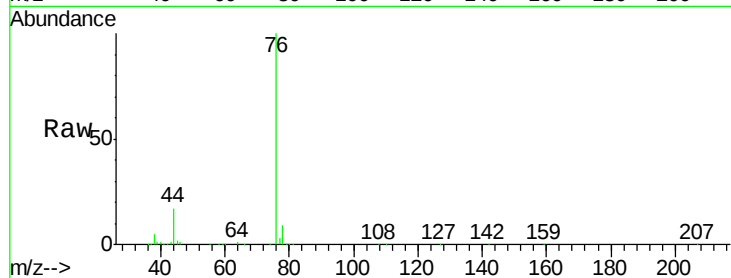
VSTDCCC050EC

Tgt Ion: 76 Resp: 325351

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



#18

Methyl Acetate

Concen: 62.377 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010759.D

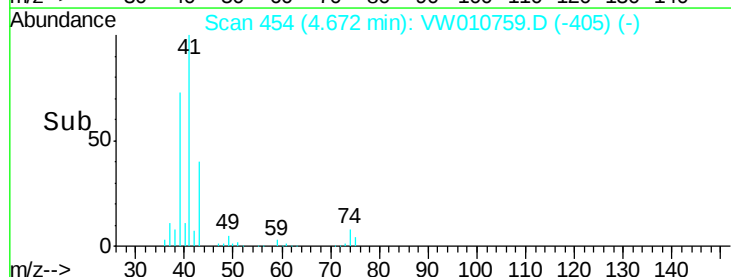
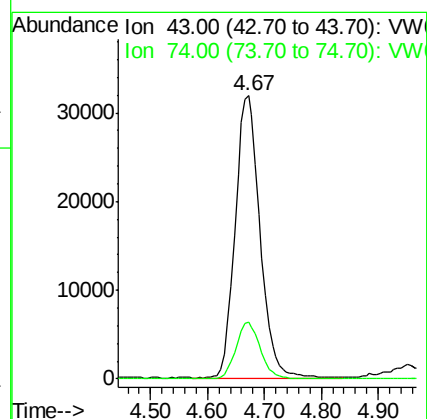
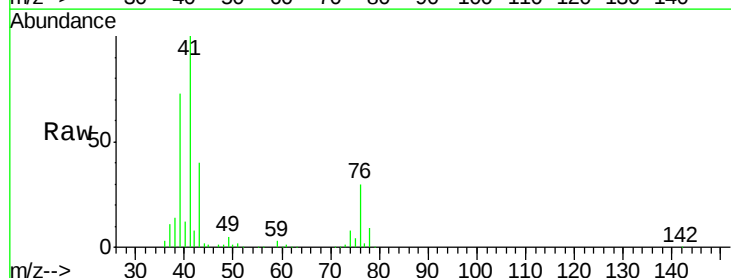
Acq: 10 Jun 2019 21:38

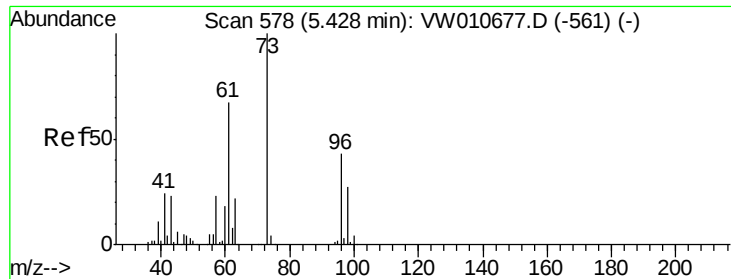
Tgt Ion: 43 Resp: 97677

Ion Ratio Lower Upper

43 100

74 19.7 16.7 25.1

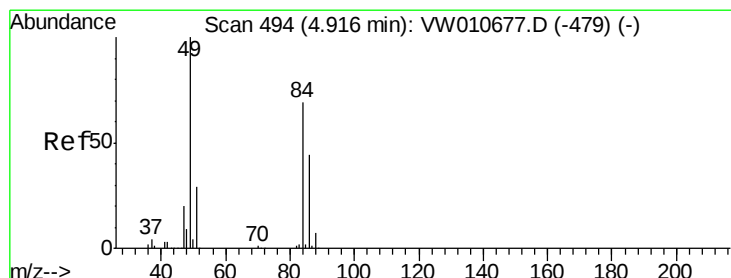
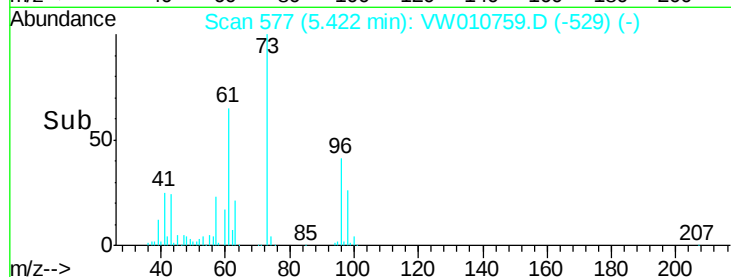
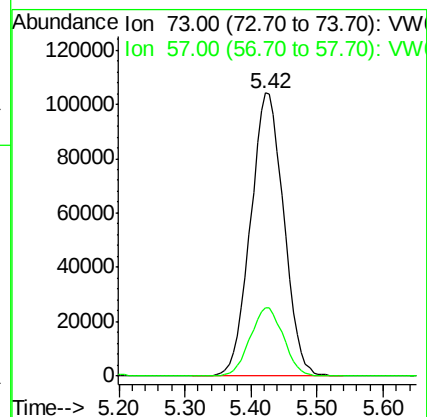
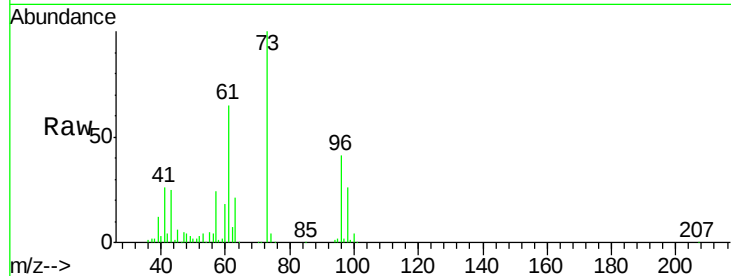




#19
Methyl tert-butyl Ether
Concen: 56.677 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

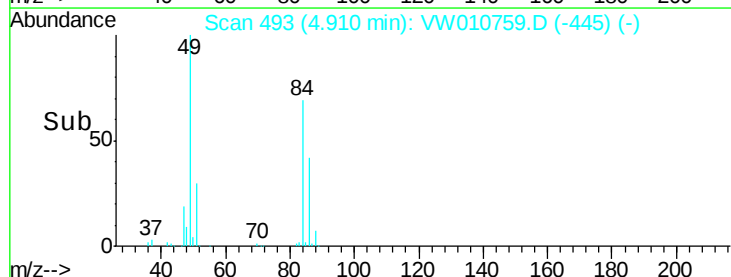
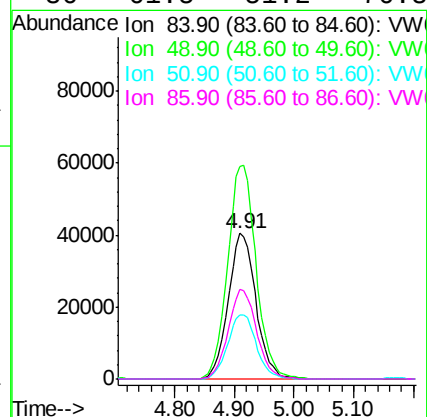
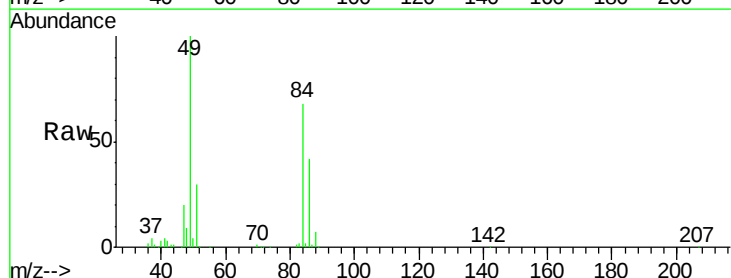
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

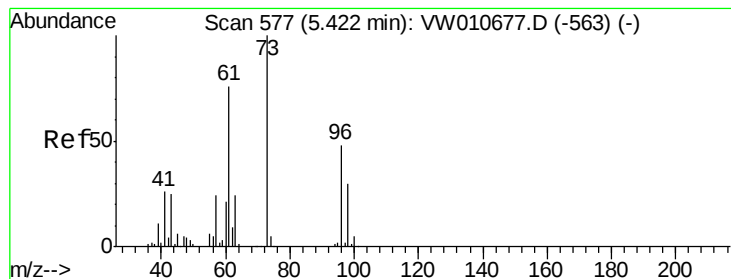
Tgt Ion: 73 Resp: 364120
Ion Ratio Lower Upper
73 100
57 24.0 18.6 27.8



#20
Methylene Chloride
Concen: 51.230 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 84 Resp: 130737
Ion Ratio Lower Upper
84 100
49 145.9 116.7 175.1
51 44.1 34.2 51.2
86 61.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.357 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

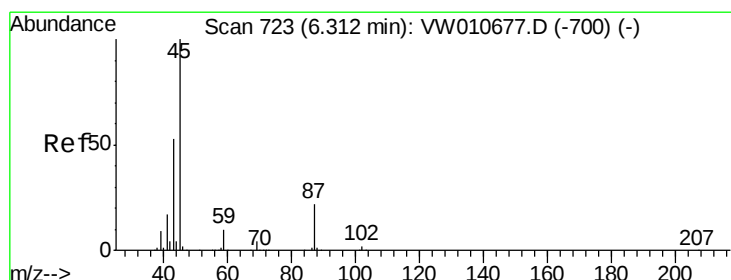
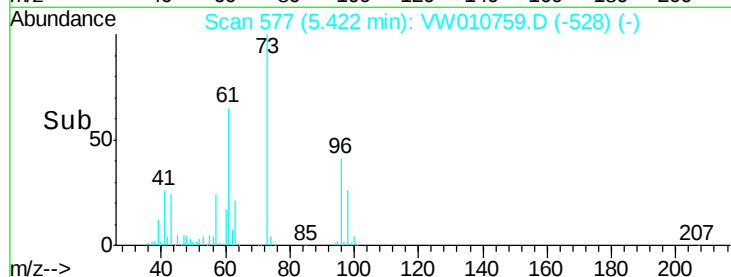
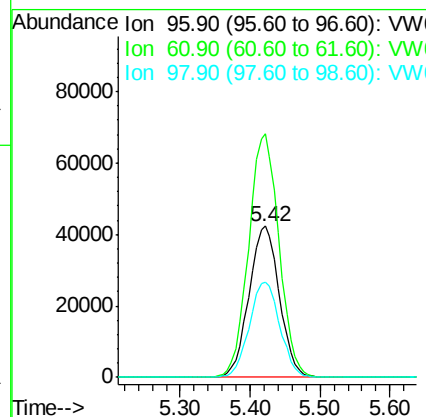
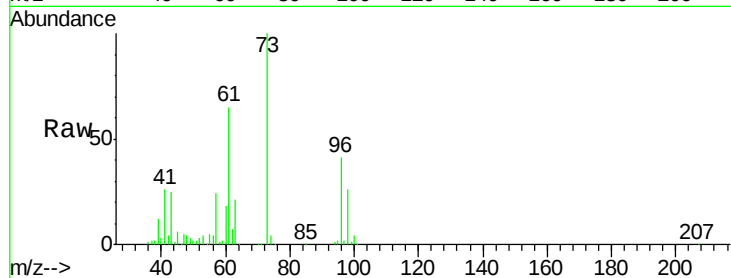
Tgt Ion: 96 Resp: 127338

Ion Ratio Lower Upper

96 100

61 161.1 126.0 189.0

98 62.8 49.6 74.4



#22

Diisopropyl ether

Concen: 56.262 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 45 Resp: 553222

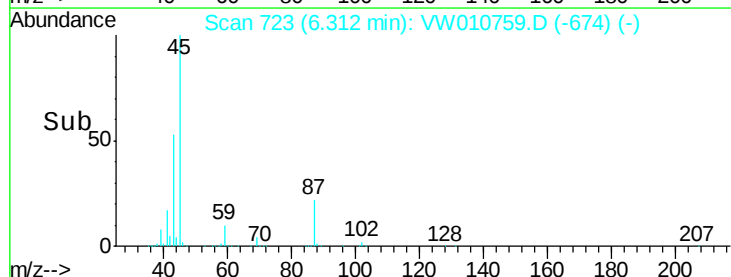
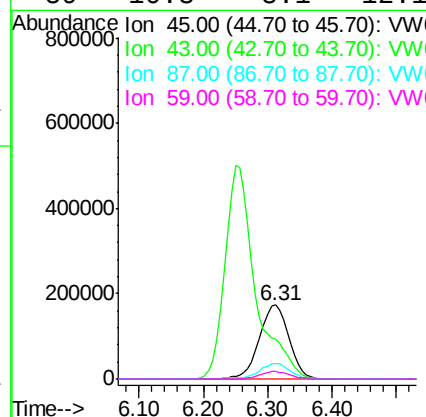
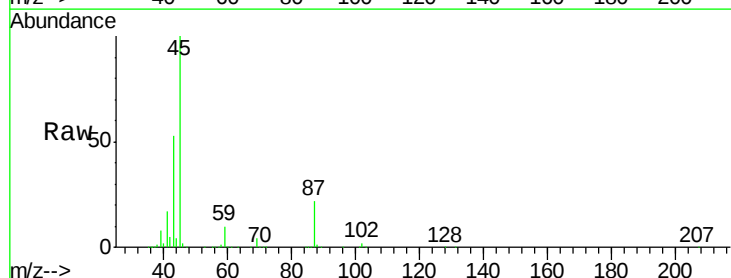
Ion Ratio Lower Upper

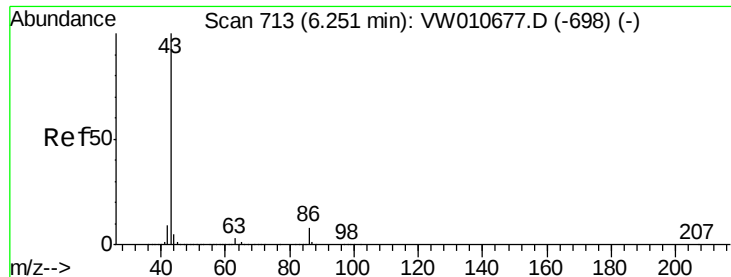
45 100

43 53.4 42.5 63.7

87 21.5 17.4 26.2

59 10.3 8.1 12.1





#23

Vinyl Acetate

Concen: 280.433 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

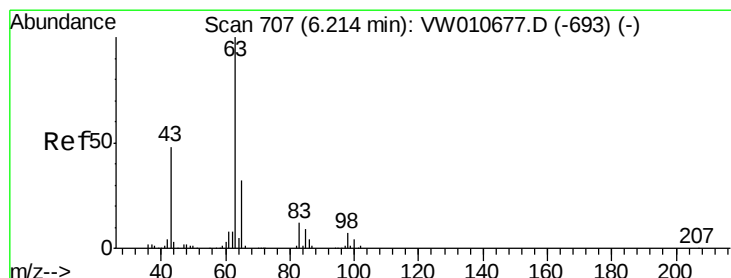
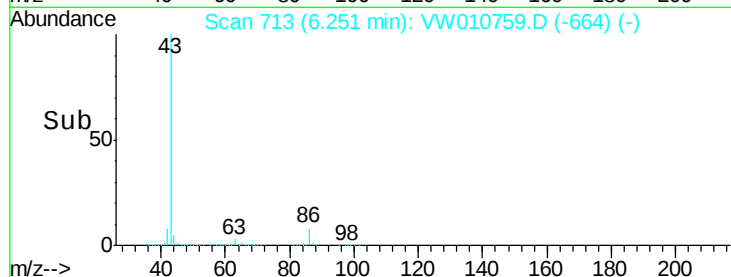
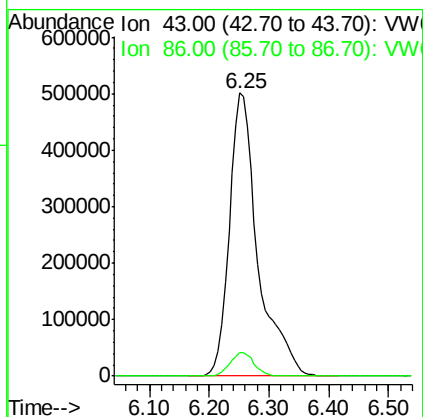
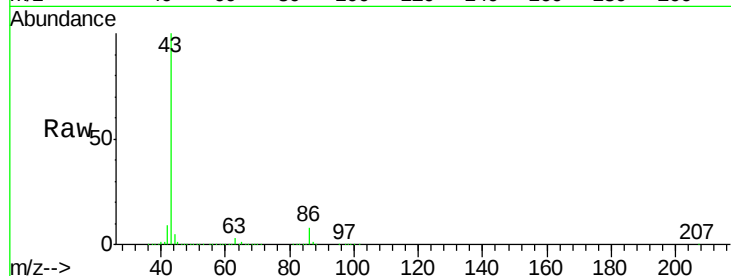
VSTDCCC050EC

Tgt Ion: 43 Resp: 1664130

Ion Ratio Lower Upper

43 100

86 8.1 6.6 10.0



#24

1,1-Dichloroethane

Concen: 53.444 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

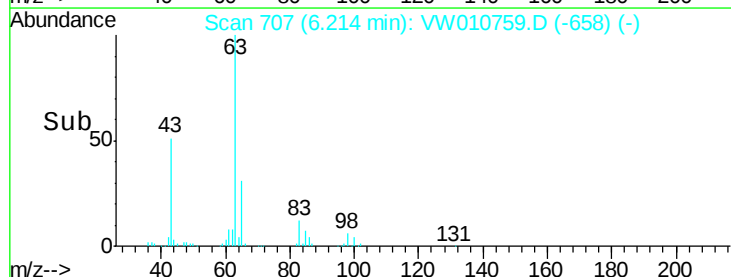
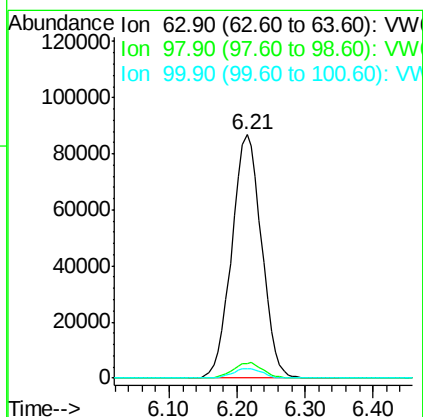
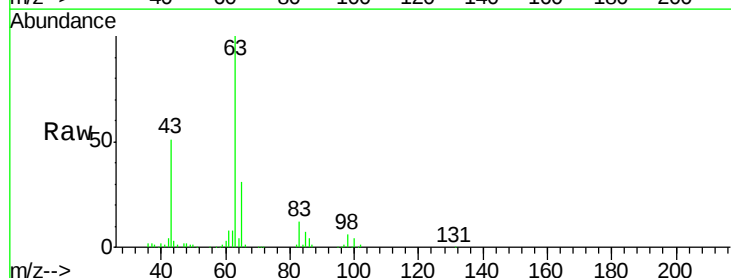
Tgt Ion: 63 Resp: 263356

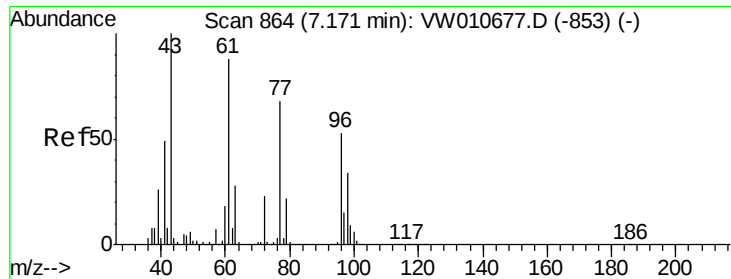
Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 297.085 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

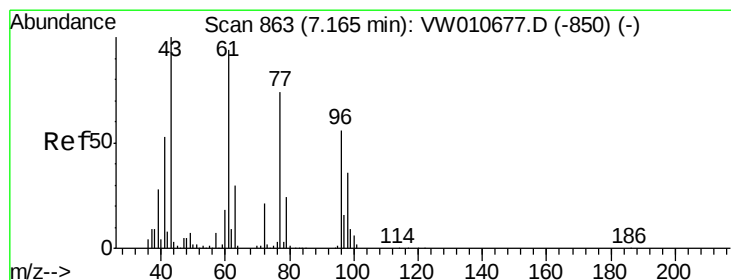
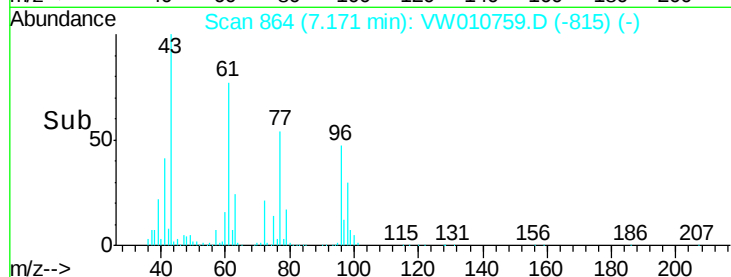
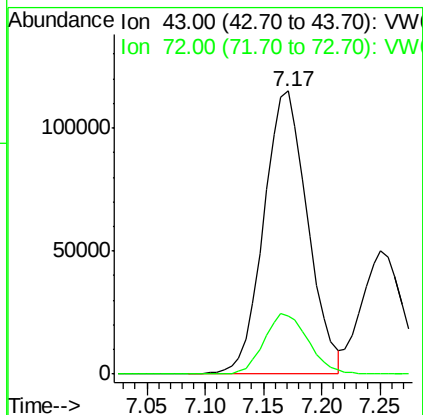
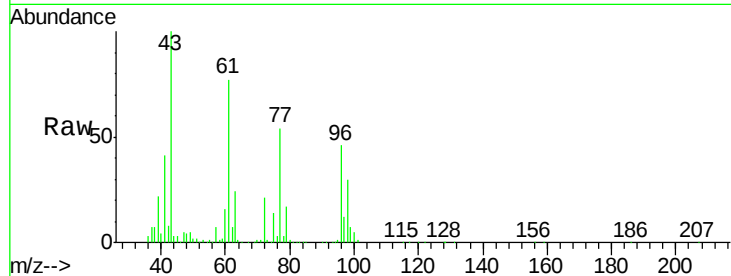
VSTDCCC050EC

Tgt Ion: 43 Resp: 299674

Ion Ratio Lower Upper

43 100

72 20.7 18.1 27.1



#26

2,2-Dichloropropane

Concen: 49.235 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010759.D

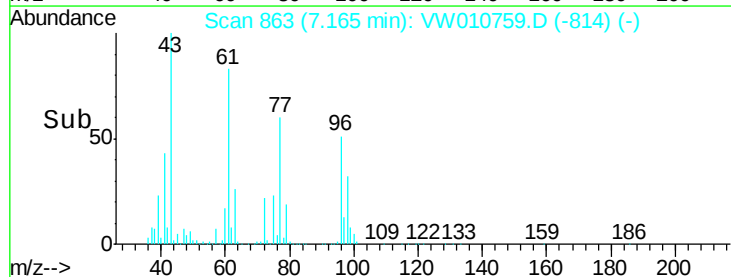
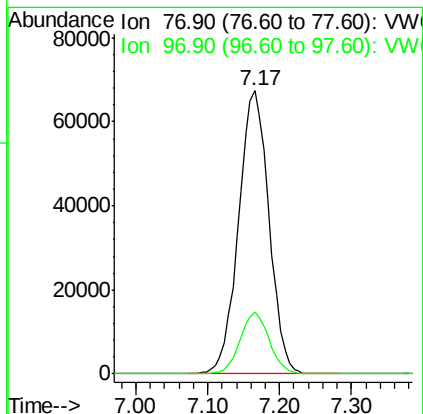
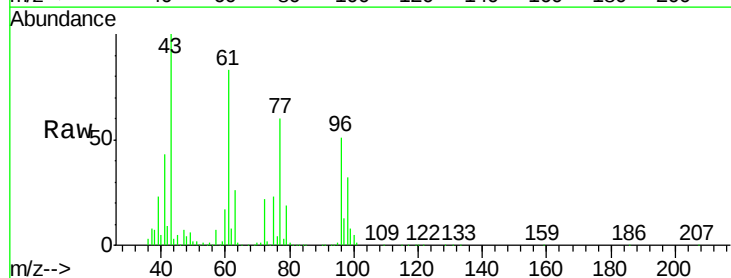
Acq: 10 Jun 2019 21:38

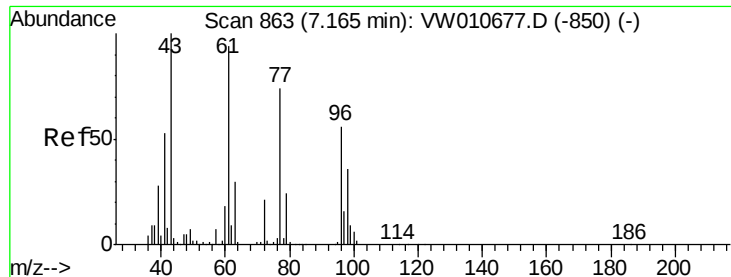
Tgt Ion: 77 Resp: 197426

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.6

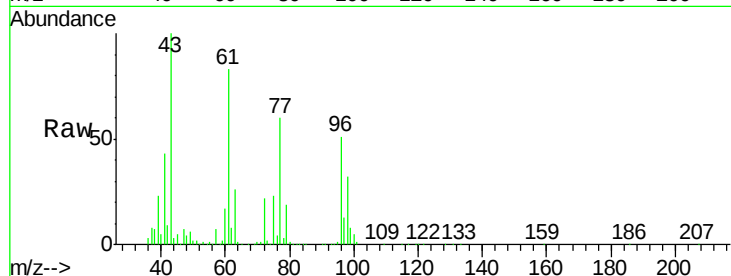




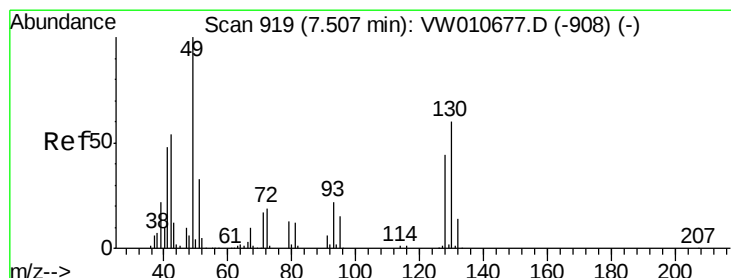
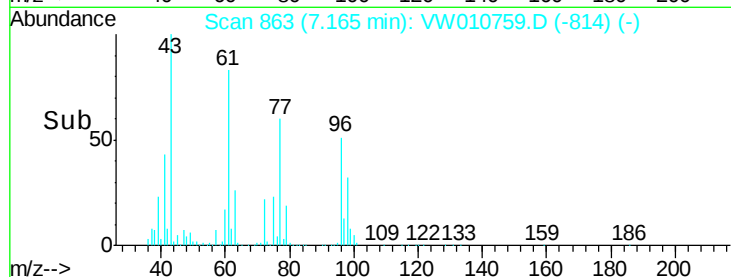
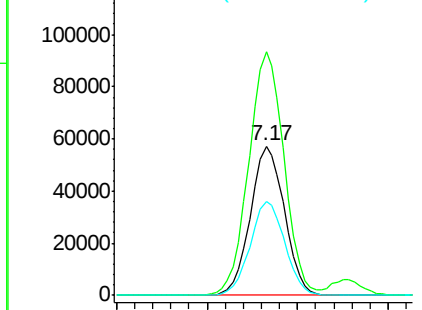
#27
 cis-1,2-Dichloroethene
 Concen: 53.375 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 148533
 Ion Ratio Lower Upper
 96 100
 61 169.1 0.0 336.4
 98 63.8 0.0 128.0

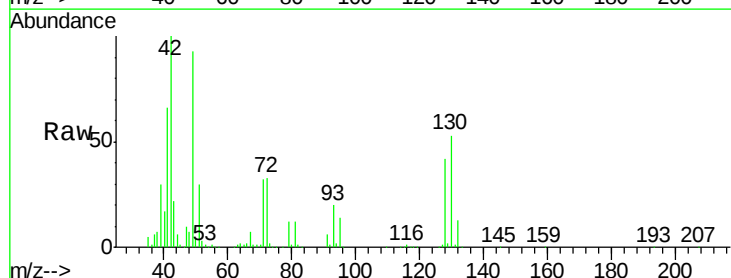


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

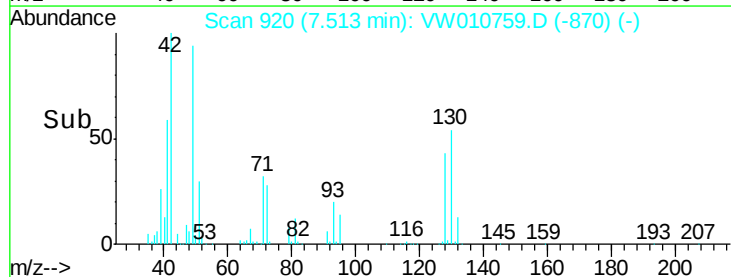
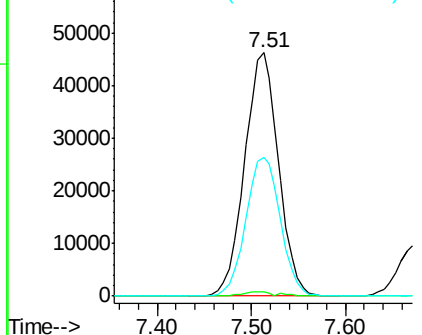


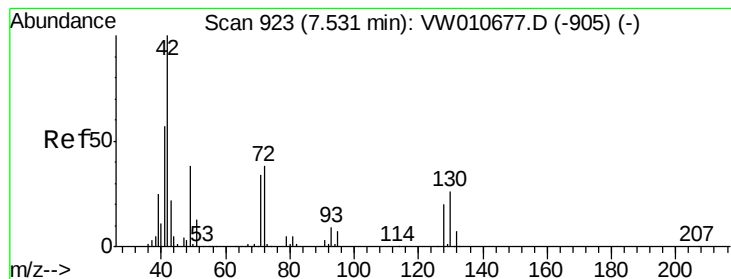
#28
 Bromochloromethane
 Concen: 52.982 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 49 Resp: 116514
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 58.3 48.3 72.5



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





#29

Tetrahydrofuran

Concen: 296.625 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

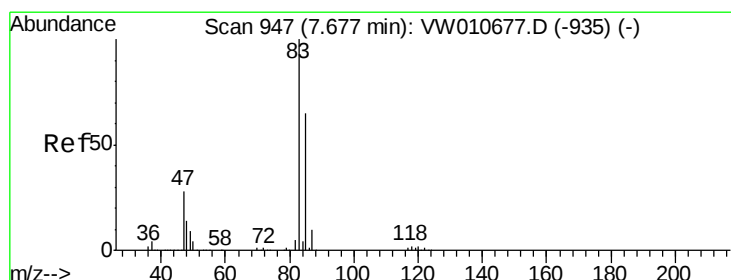
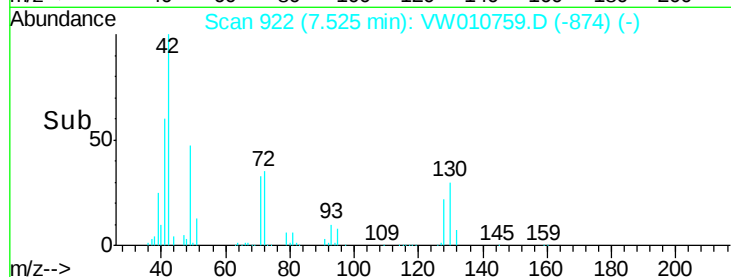
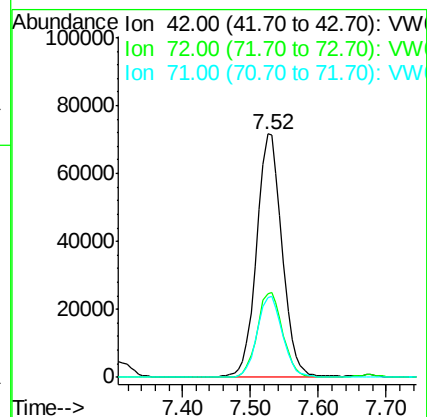
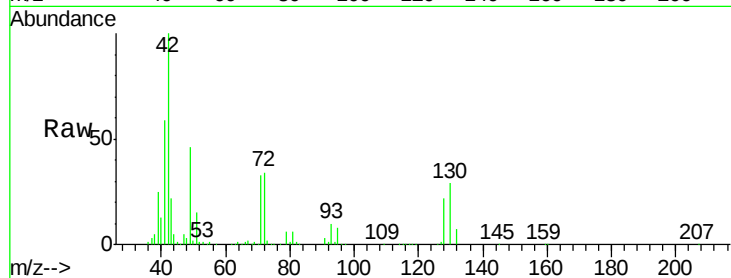
Tgt Ion: 42 Resp: 188201

Ion Ratio Lower Upper

42 100

72 35.1 28.7 43.1

71 33.1 26.6 39.8



#30

Chloroform

Concen: 53.937 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW010759.D

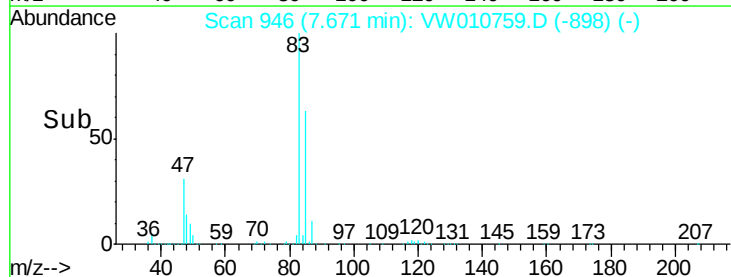
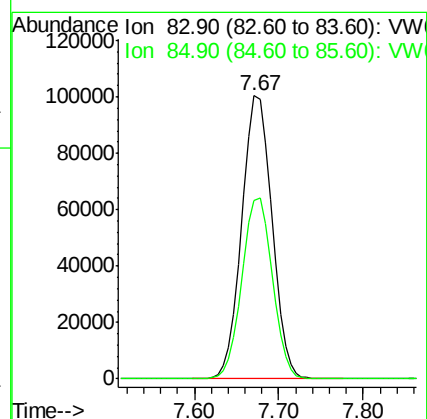
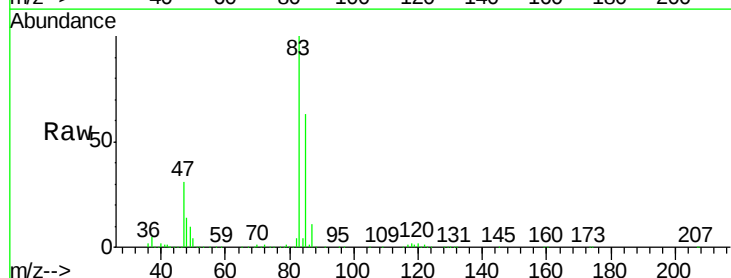
Acq: 10 Jun 2019 21:38

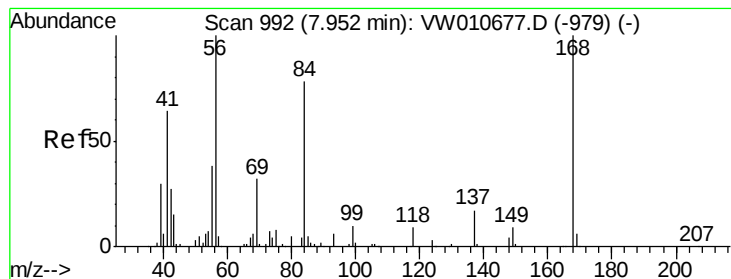
Tgt Ion: 83 Resp: 243106

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8





#31

Cyclohexane

Concen: 44.945 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

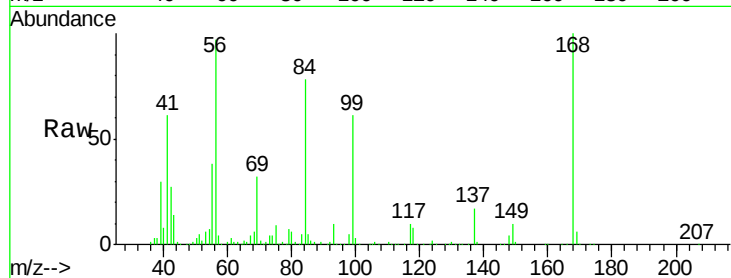
Tgt Ion: 56 Resp: 246199

Ion Ratio Lower Upper

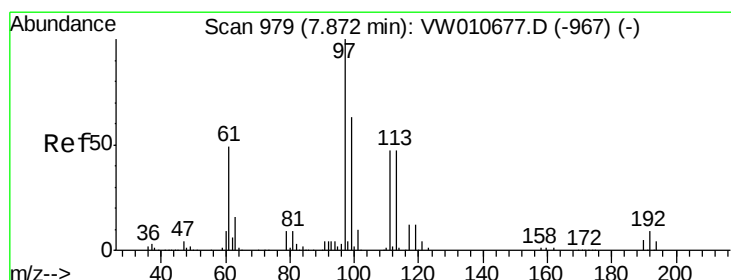
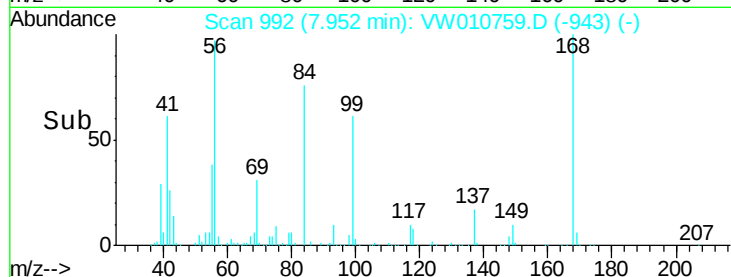
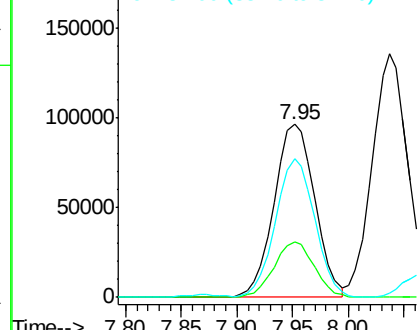
56 100

69 32.2 25.2 37.8

84 79.1 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 52.040 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

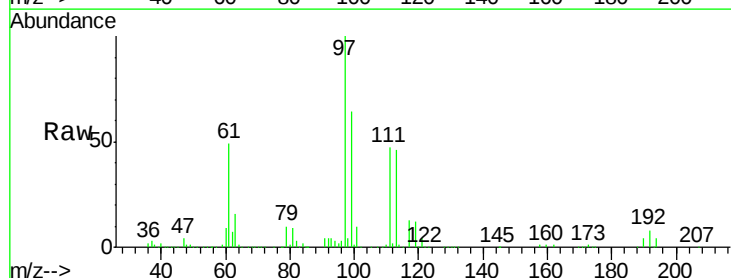
Tgt Ion: 97 Resp: 204892

Ion Ratio Lower Upper

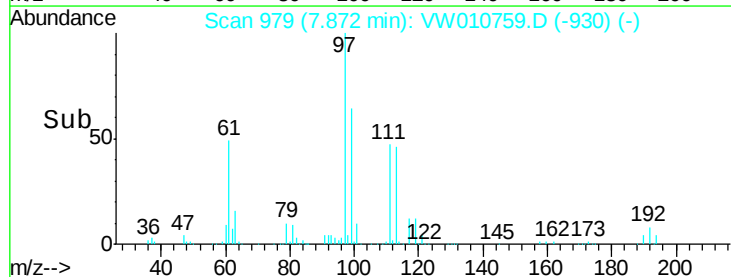
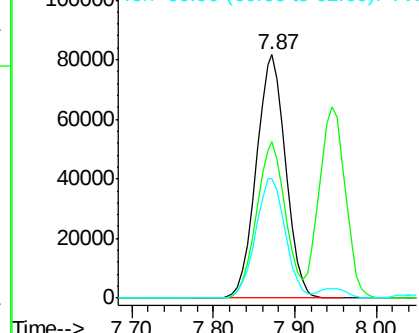
97 100

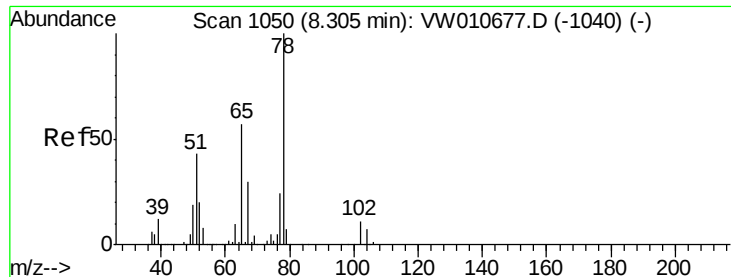
99 63.4 51.3 76.9

61 50.1 40.4 60.6



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





#33

1,2-Dichloroethane-d4

Concen: 52.844 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

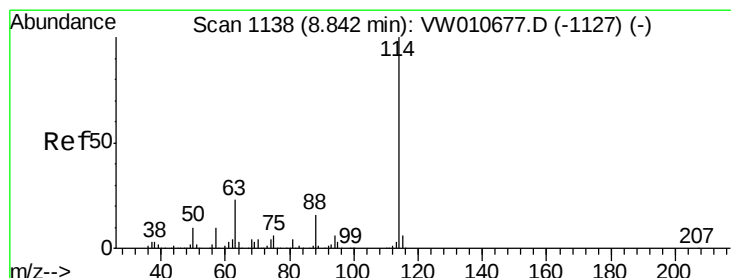
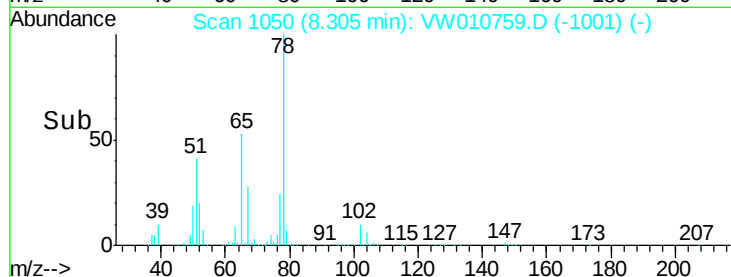
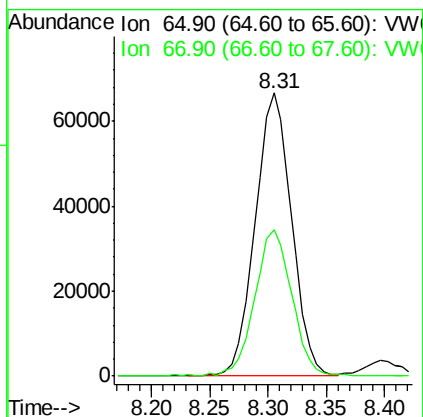
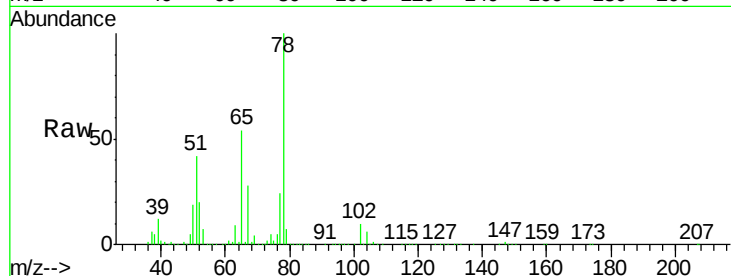
VSTDCCC050EC

Tgt Ion: 65 Resp: 143466

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

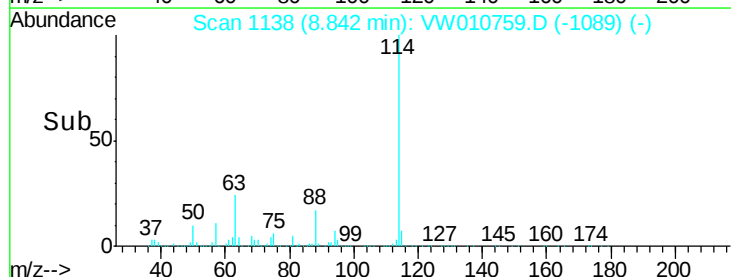
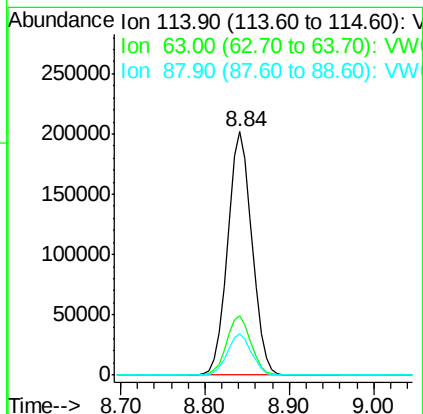
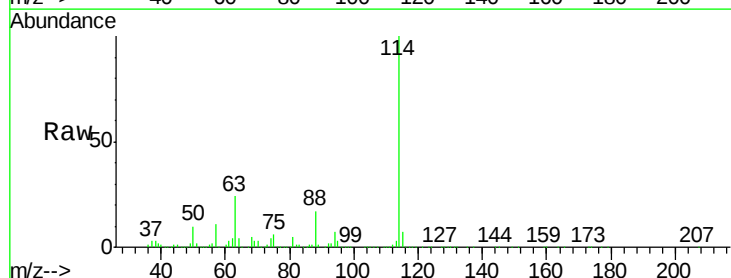
Tgt Ion: 114 Resp: 394222

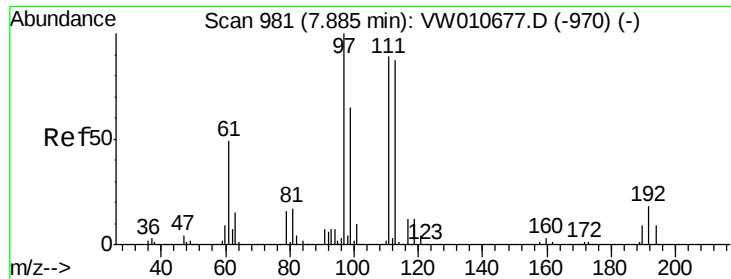
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 16.9 0.0 32.2

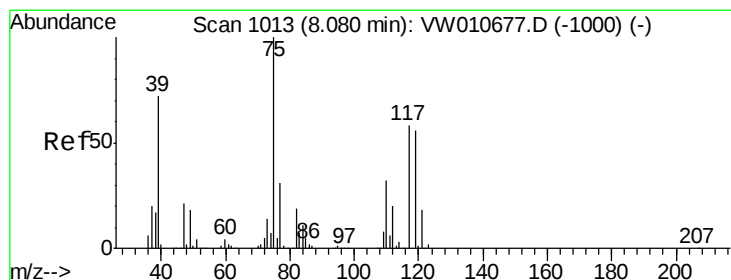
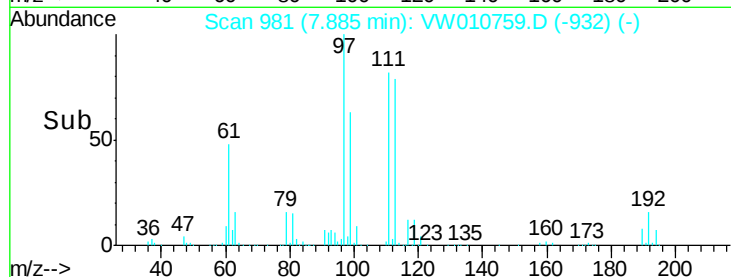
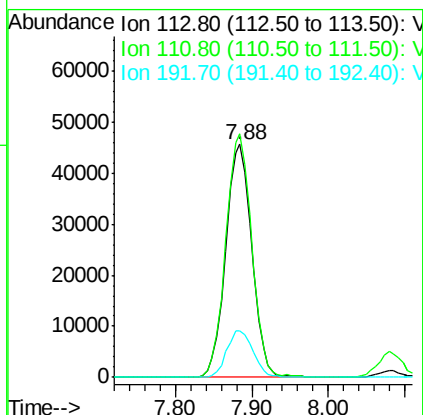
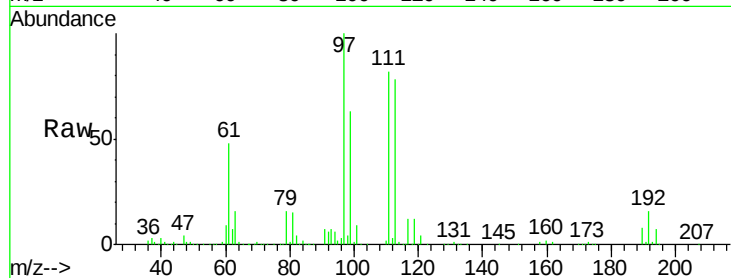




#35
 Dibromofluoromethane
 Concen: 50.238 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

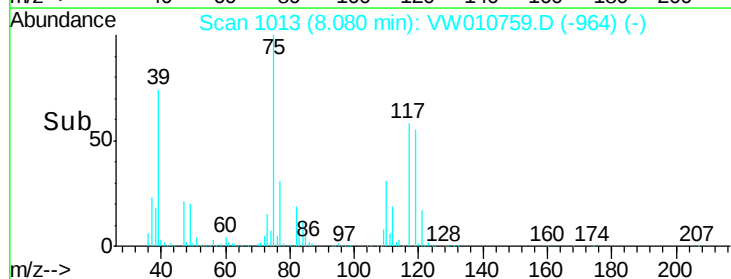
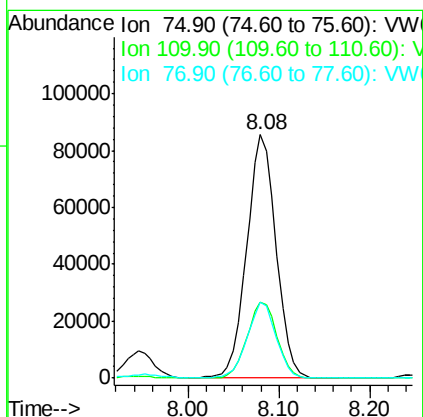
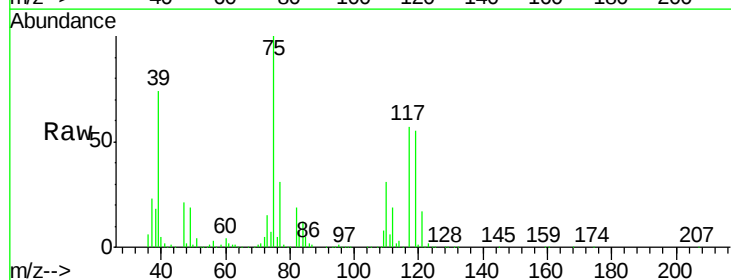
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 107497
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.6 123.8
 192 20.3 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 47.214 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 75 Resp: 190522
 Ion Ratio Lower Upper
 75 100
 110 32.1 15.8 47.3
 77 30.6 24.7 37.1

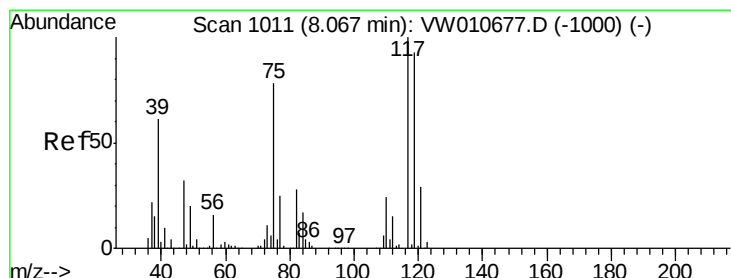
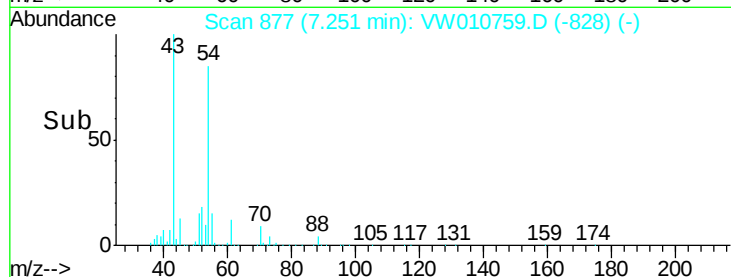
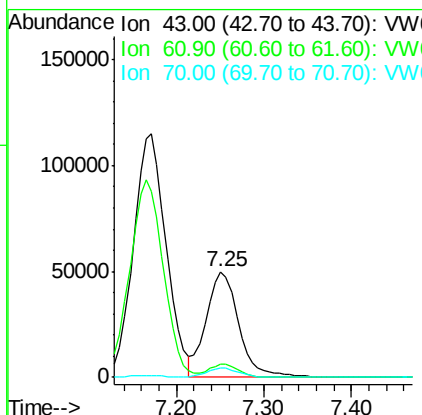
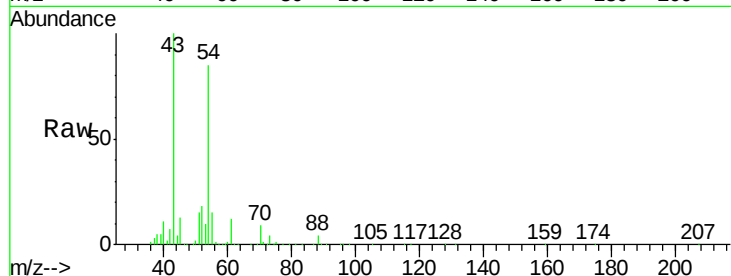




#37
Ethyl Acetate
Concen: 56.557 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

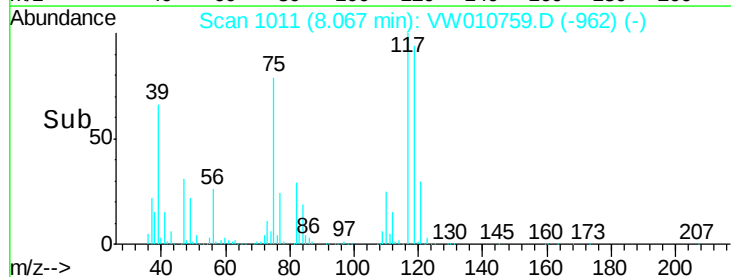
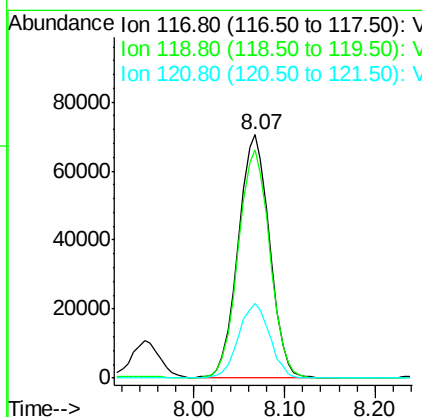
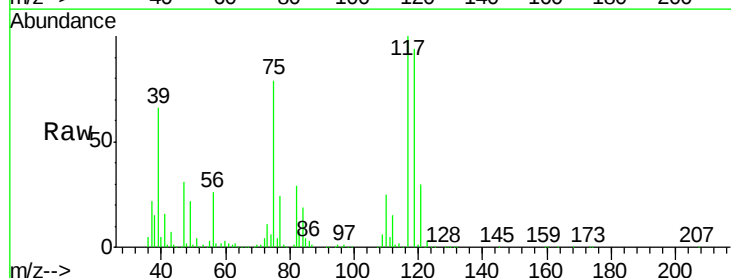
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

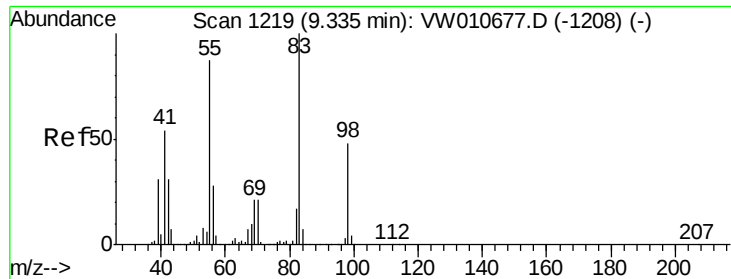
Tgt Ion: 43 Resp: 126470
Ion Ratio Lower Upper
43 100
61 11.7 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.451 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 117 Resp: 168779
Ion Ratio Lower Upper
117 100
119 94.1 74.2 111.4
121 30.5 22.9 34.3

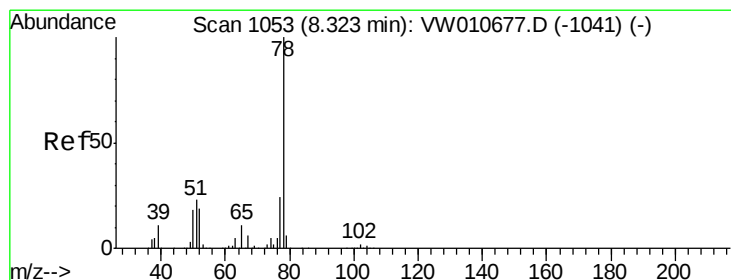
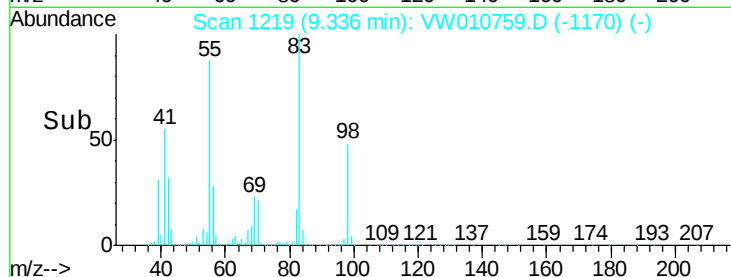
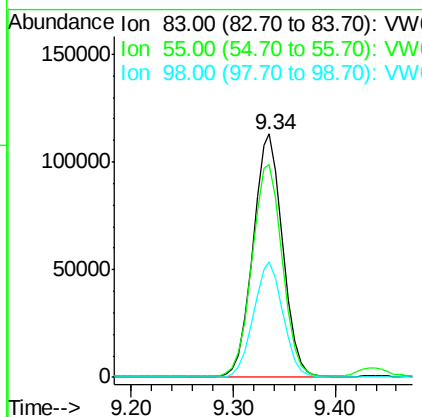
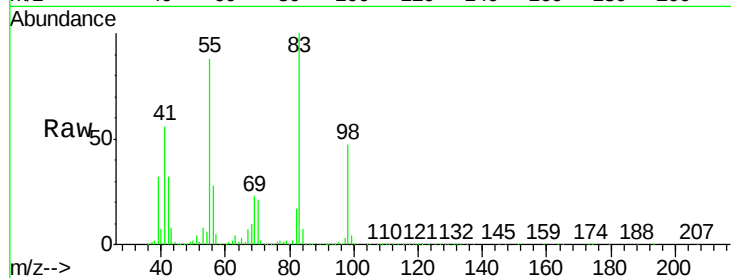




#39
Methylcyclohexane
Concen: 44.351 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

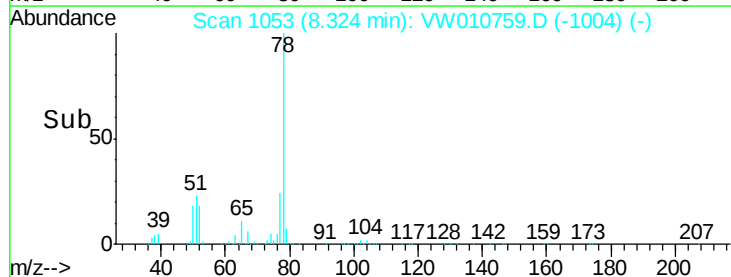
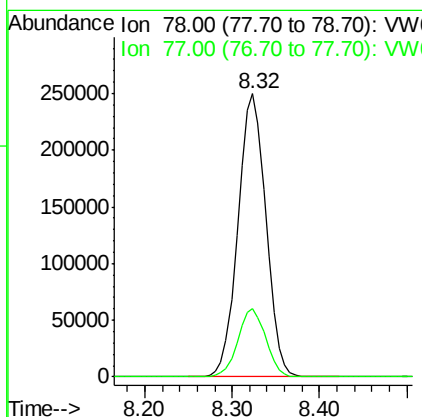
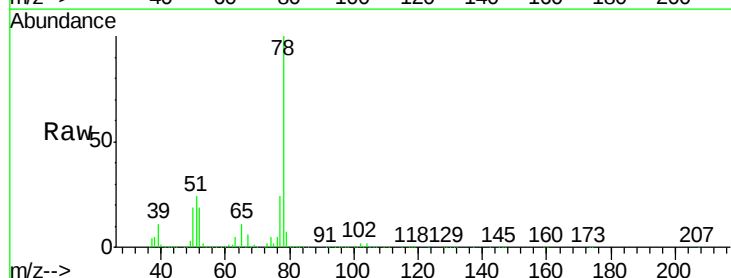
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

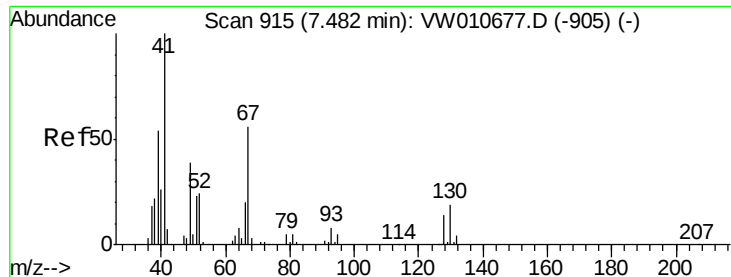
Tgt Ion: 83 Resp: 227510
Ion Ratio Lower Upper
83 100
55 87.3 70.0 105.0
98 47.6 38.1 57.1



#40
Benzene
Concen: 50.180 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 78 Resp: 552407
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

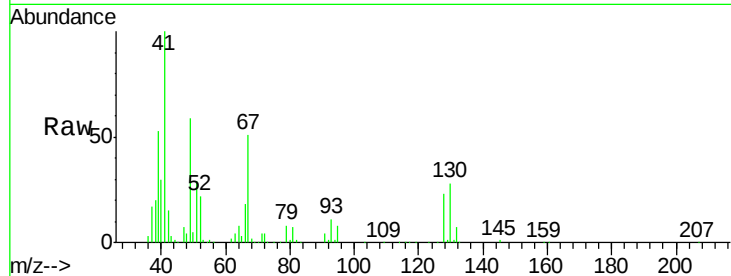




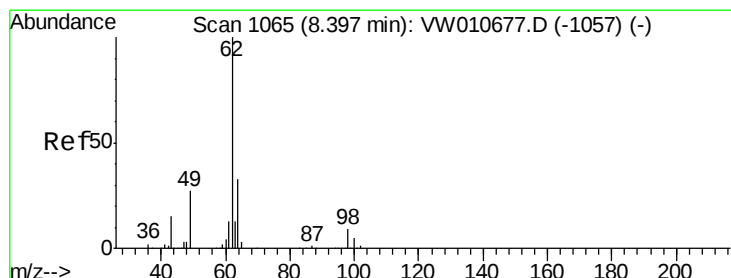
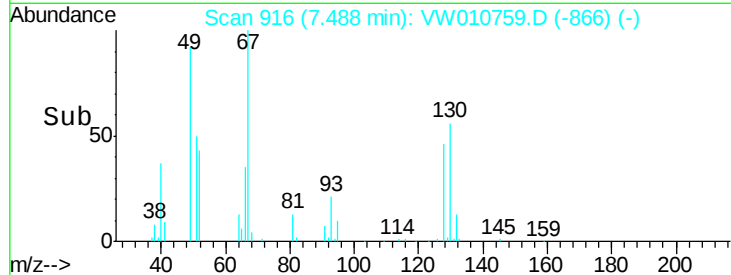
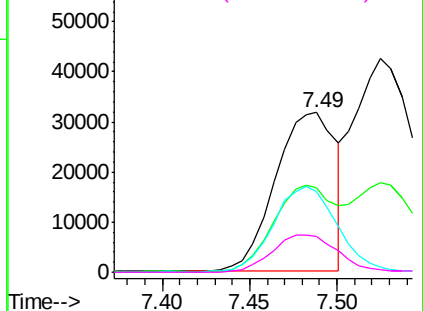
#41
Methacrylonitrile
Concen: 57.512 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	76442
Ion	Ratio	Lower	Upper
41	100		
39	54.2	47.3	70.9
67	57.5	47.2	70.8
52	26.2	21.3	31.9

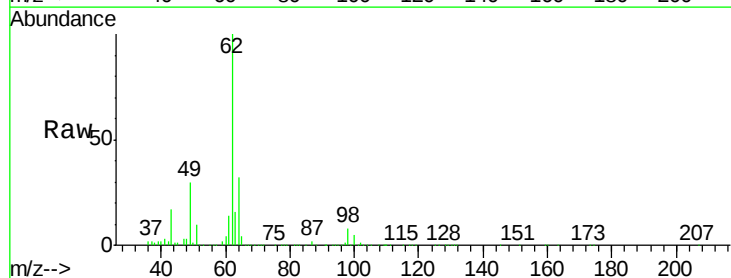


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

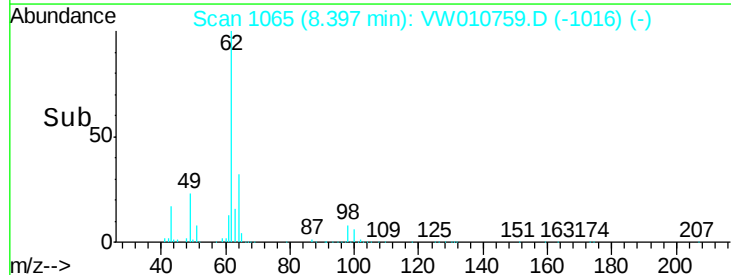
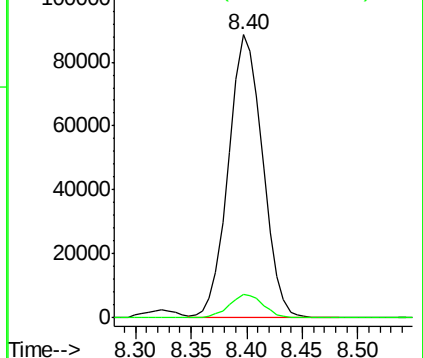


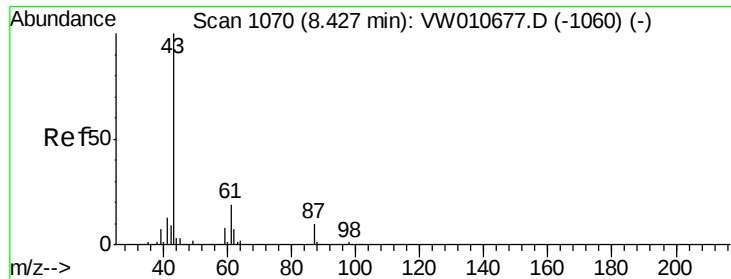
#42
1,2-Dichloroethane
Concen: 53.987 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:	62	Resp:	188624
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 57.230 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

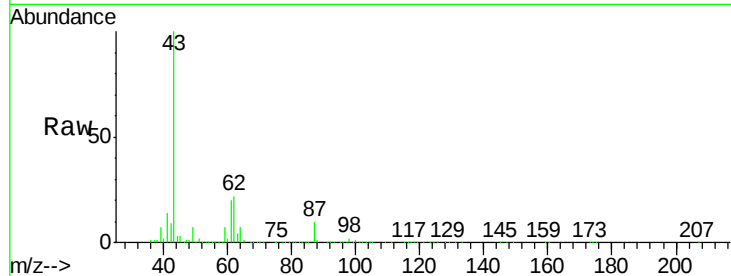
Tgt Ion: 43 Resp: 247237

Ion Ratio Lower Upper

43 100

61 25.9 21.2 31.8

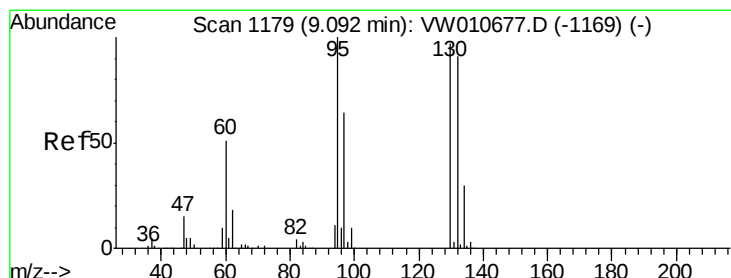
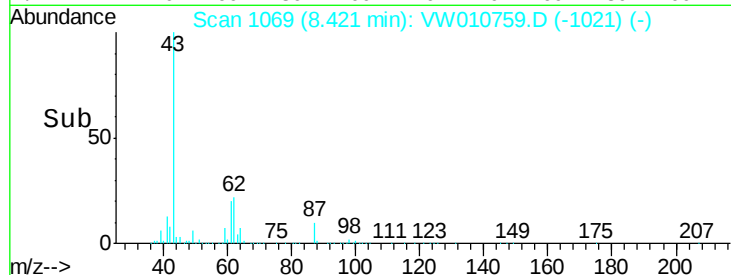
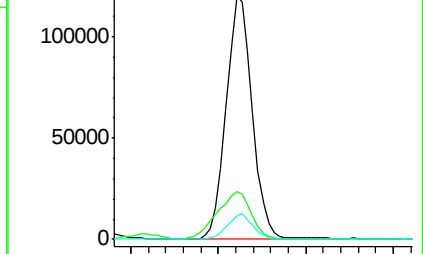
87 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.463 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010759.D

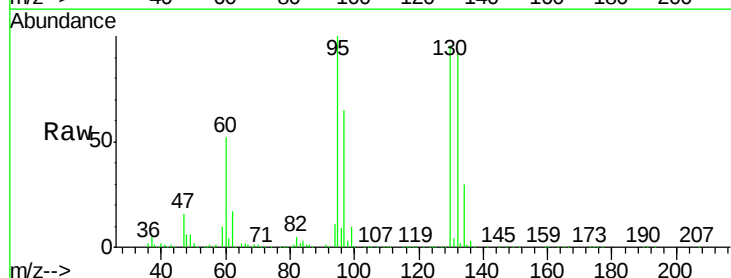
Acq: 10 Jun 2019 21:38

Tgt Ion: 130 Resp: 134318

Ion Ratio Lower Upper

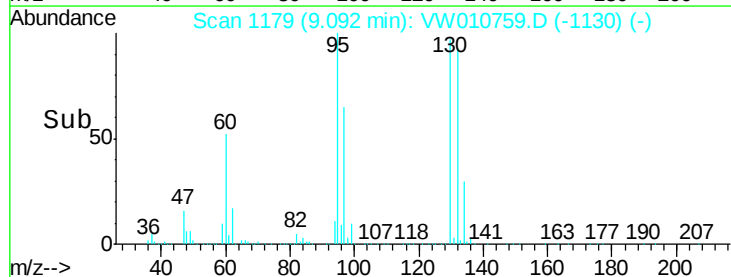
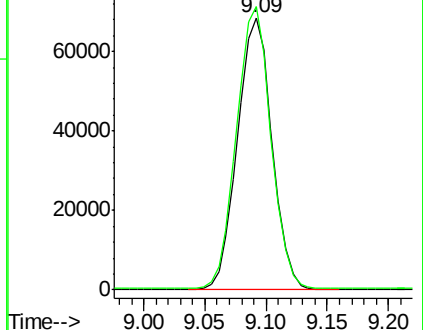
130 100

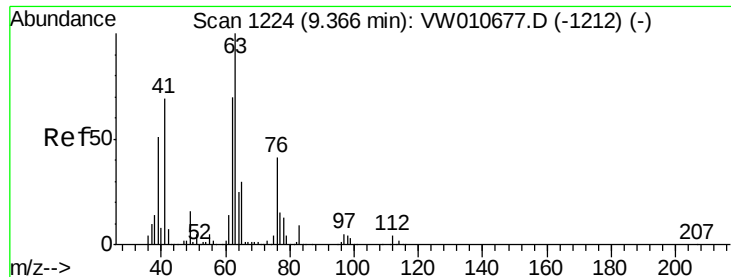
95 103.3 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.045 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

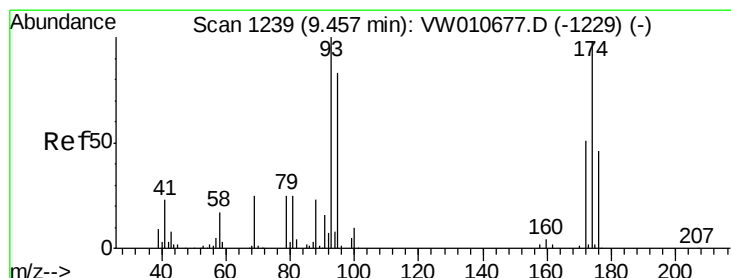
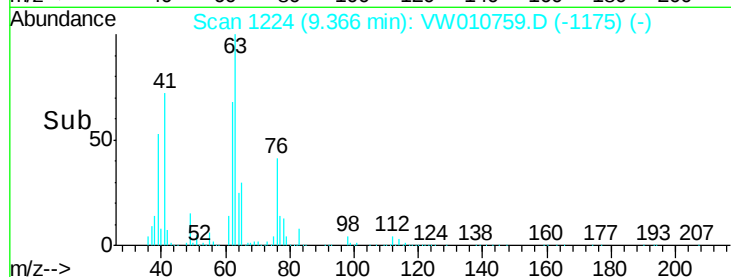
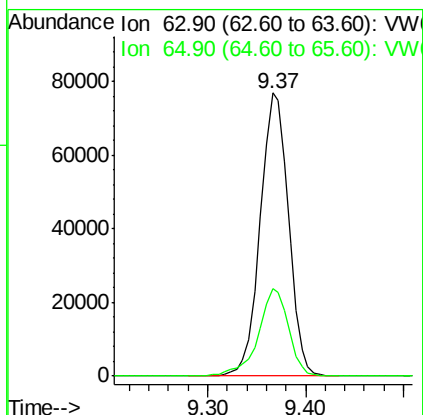
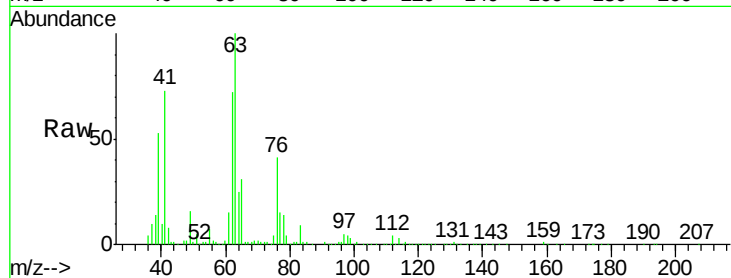
VSTDCCC050EC

Tgt Ion: 63 Resp: 154579

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 54.454 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

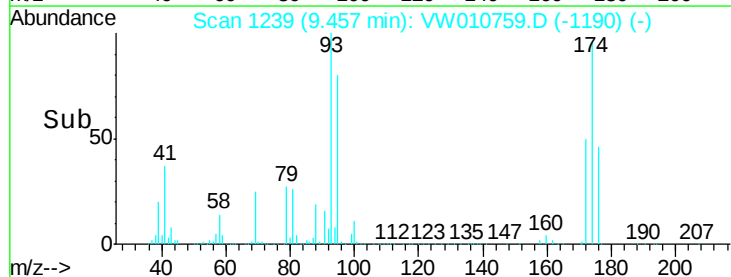
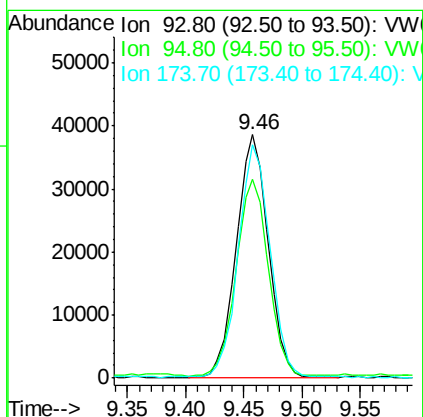
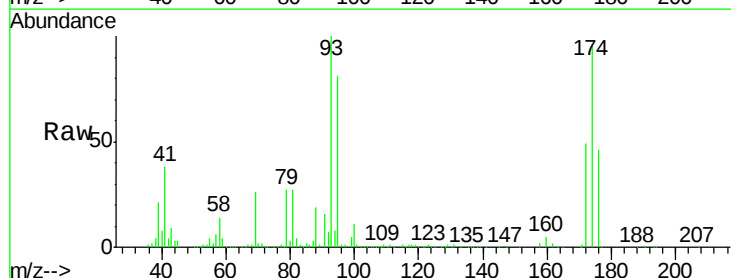
Tgt Ion: 93 Resp: 73705

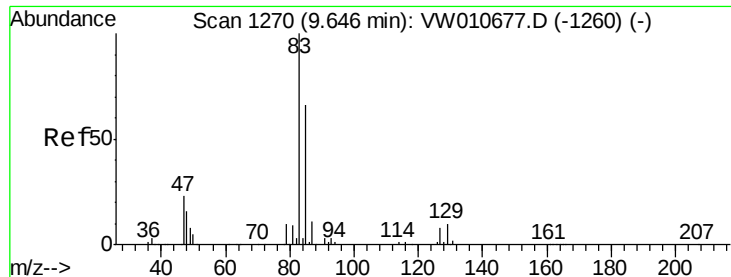
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 53.931 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

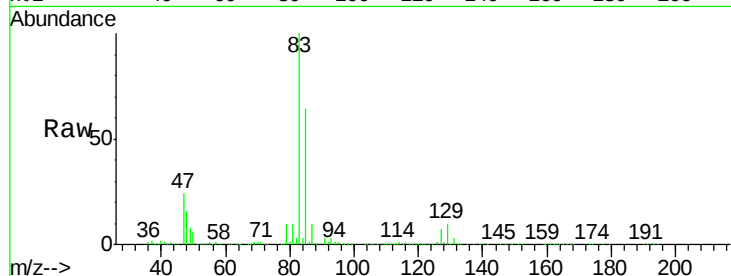
Tgt Ion: 83 Resp: 189220

Ion Ratio Lower Upper

83 100

85 64.2 53.0 79.4

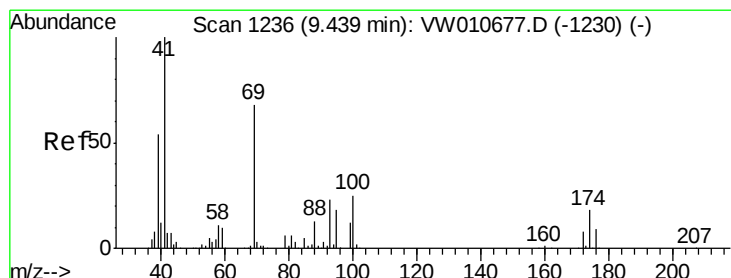
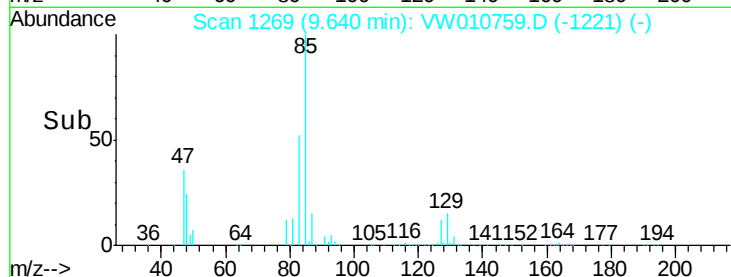
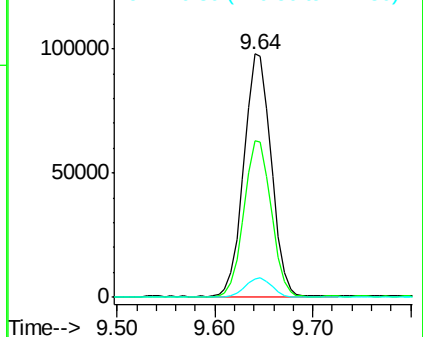
127 7.4 6.4 9.6



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: 57.690 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

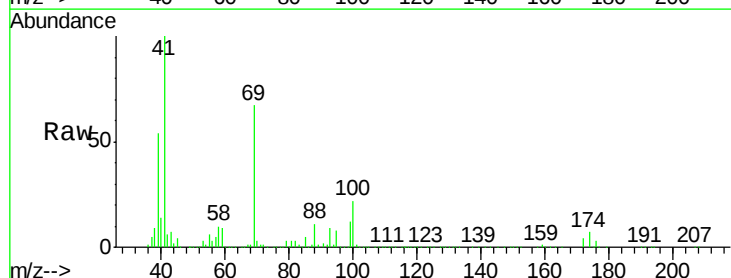
Tgt Ion: 41 Resp: 120163

Ion Ratio Lower Upper

41 100

69 71.6 56.6 85.0

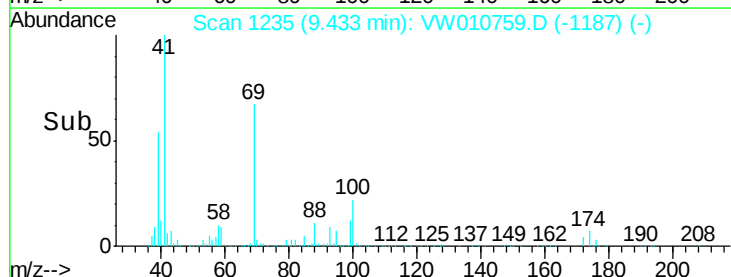
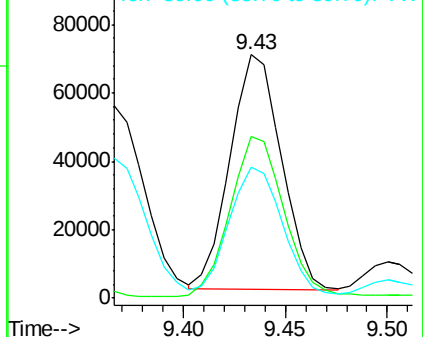
39 58.7 44.4 66.6

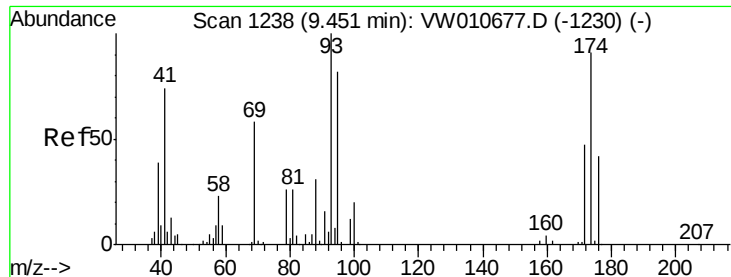


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

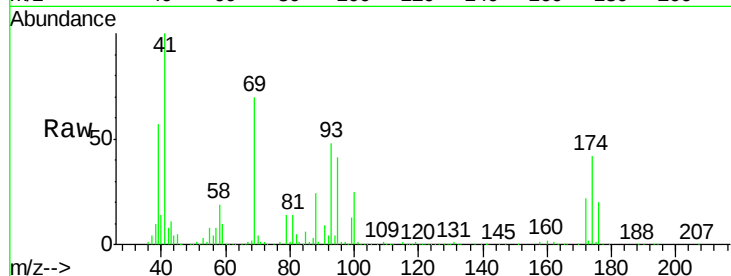




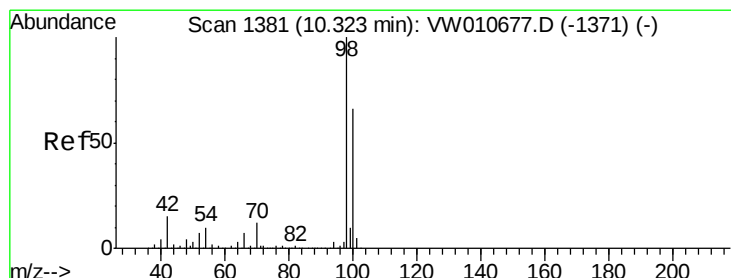
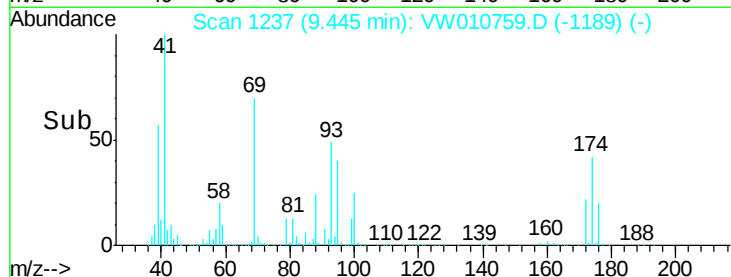
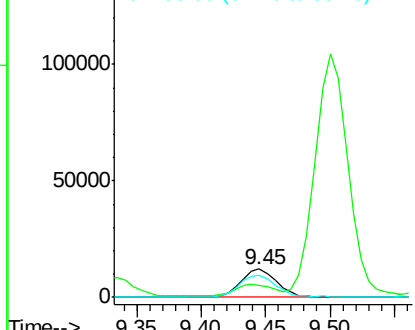
#49
1,4-Dioxane
Concen: 1115.784 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 23612
Ion Ratio Lower Upper
88 100
43 43.4 34.2 51.4
58 81.6 69.0 103.4

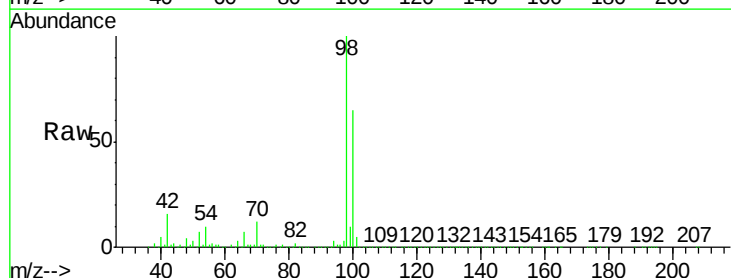


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

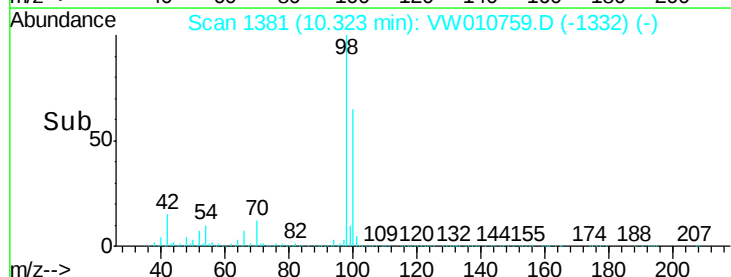
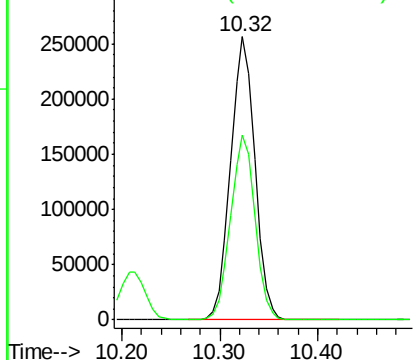


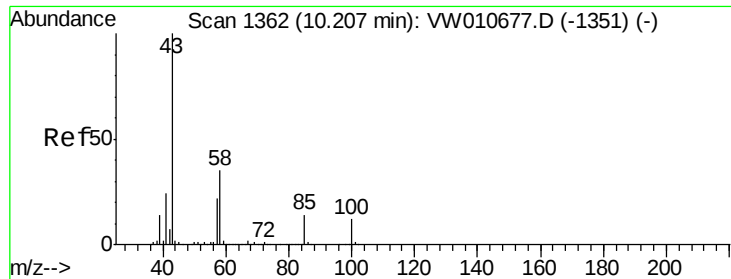
#50
Toluene-d8
Concen: 47.040 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 98 Resp: 441376
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 287.462 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

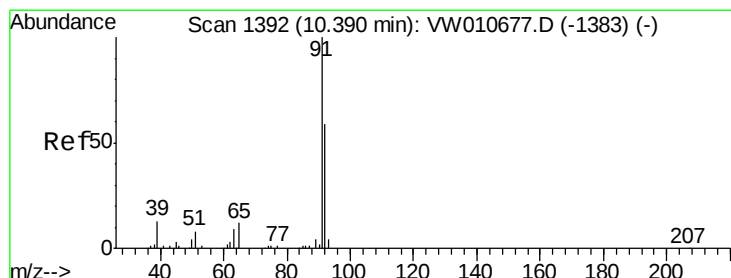
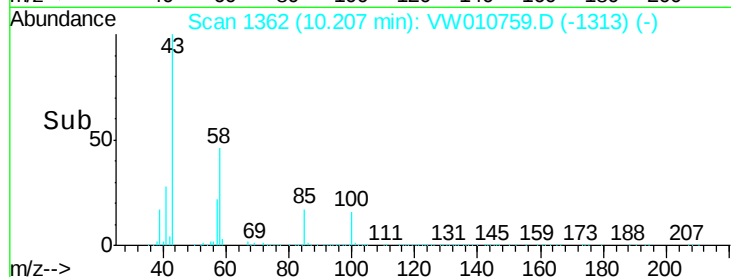
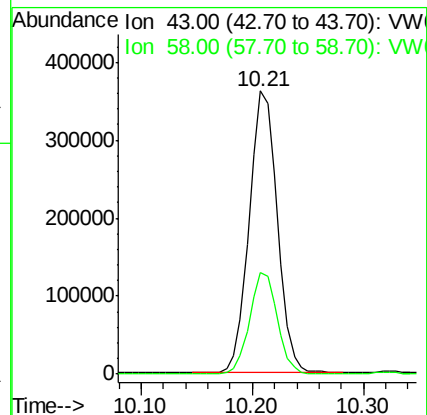
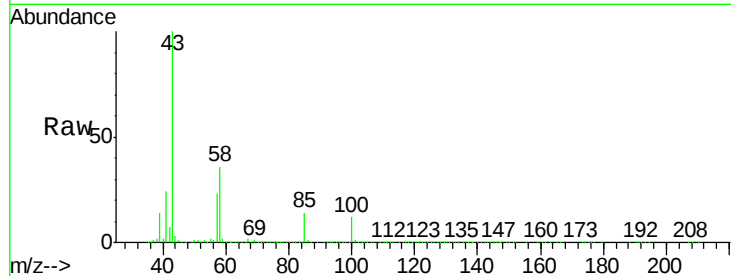
VSTDCCC050EC

Tgt Ion: 43 Resp: 634429

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



#52

Toluene

Concen: 50.233 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010759.D

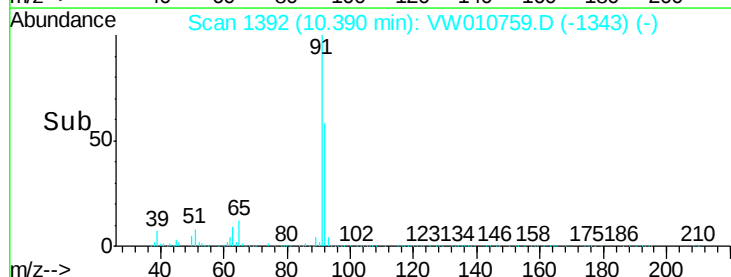
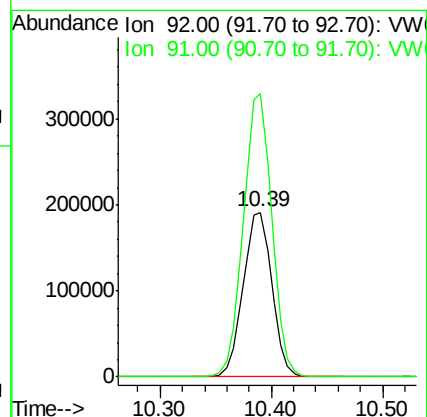
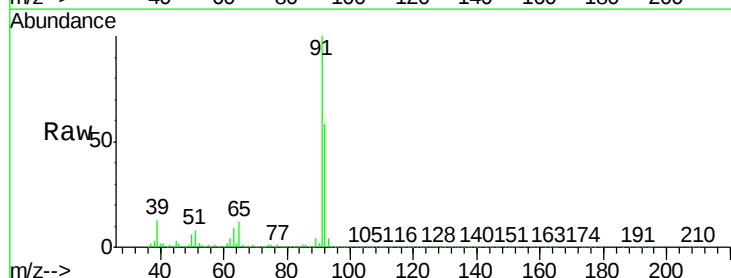
Acq: 10 Jun 2019 21:38

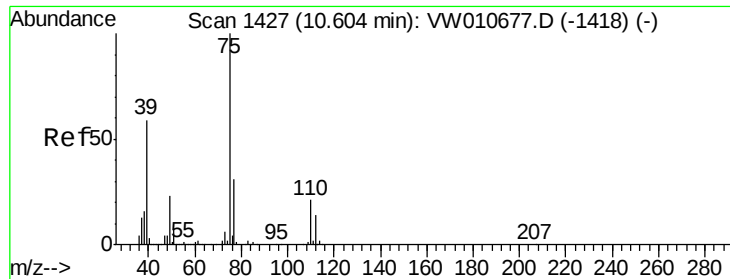
Tgt Ion: 92 Resp: 340242

Ion Ratio Lower Upper

92 100

91 171.3 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 54.009 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

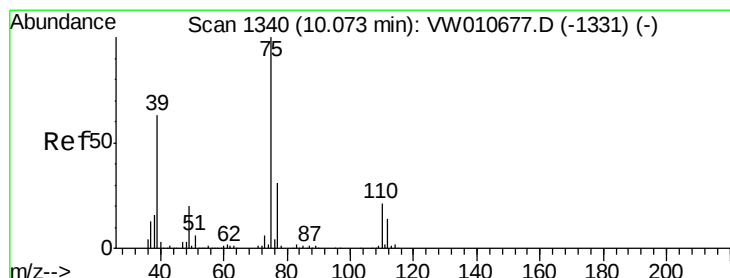
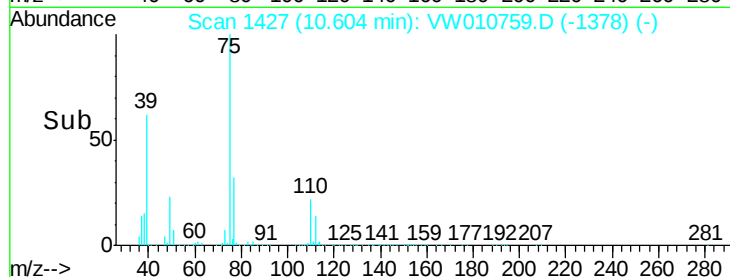
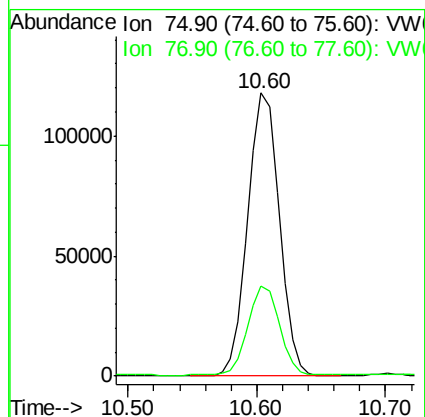
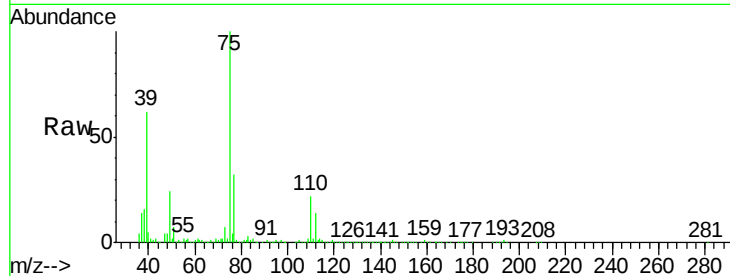
VSTDCCC050EC

Tgt Ion: 75 Resp: 200710

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

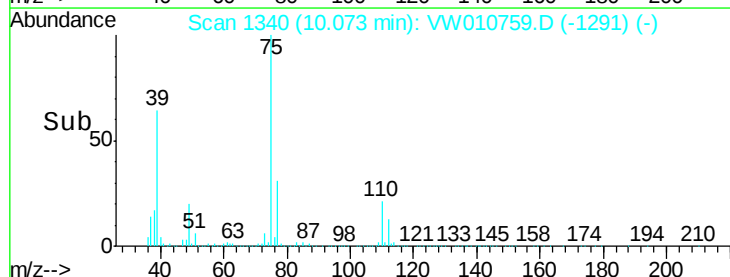
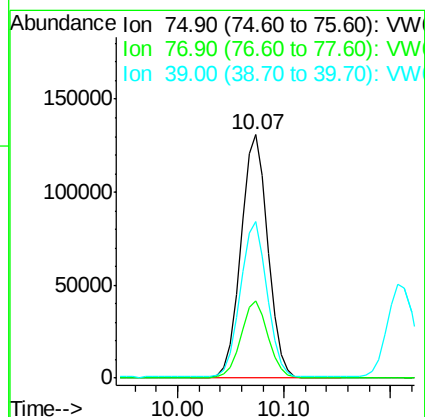
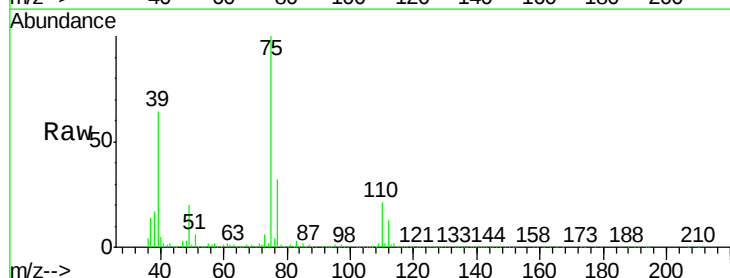
Tgt Ion: 75 Resp: 233628

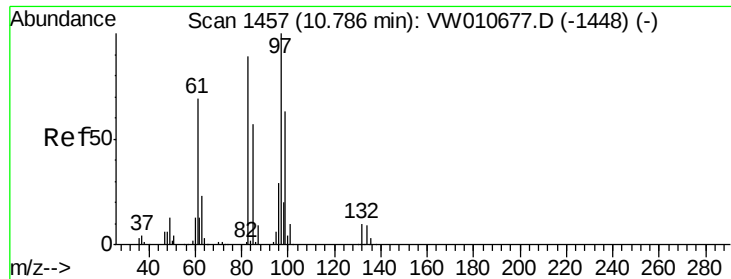
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 63.8 50.1 75.1

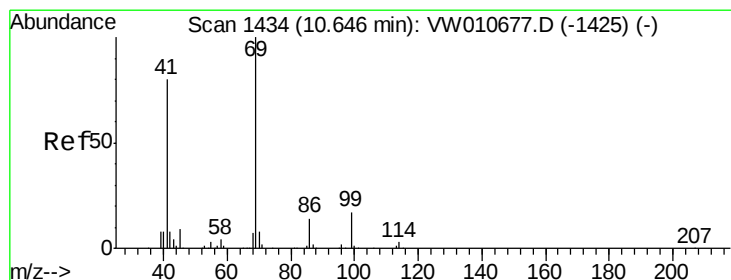
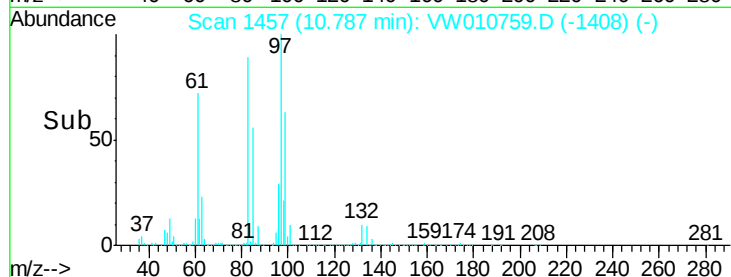
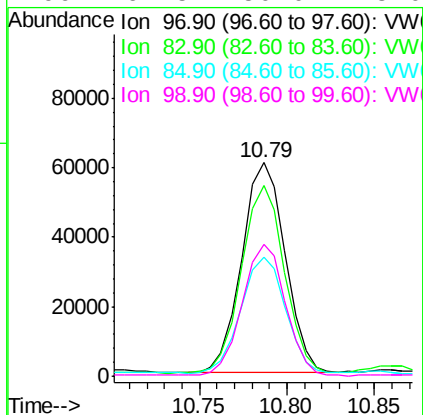
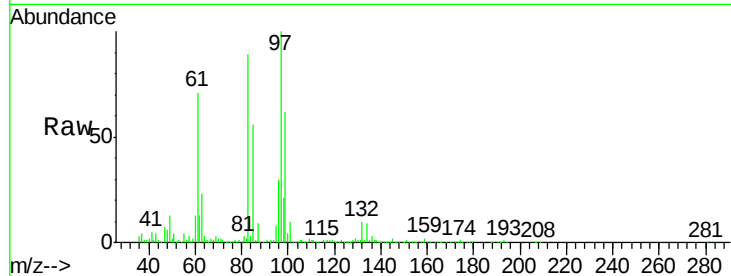




#55
 1,1,2-Trichloroethane
 Concen: 53.454 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

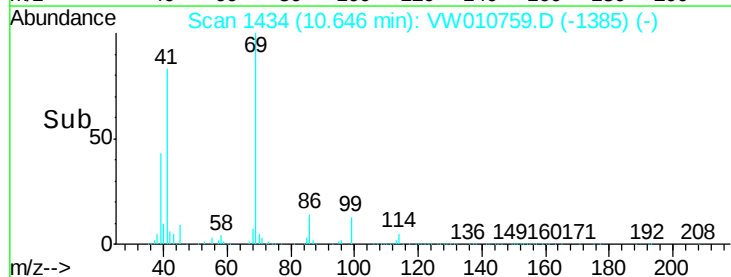
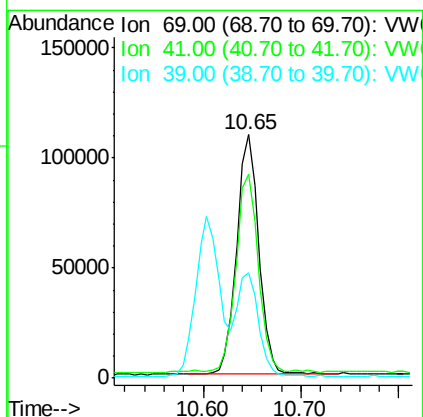
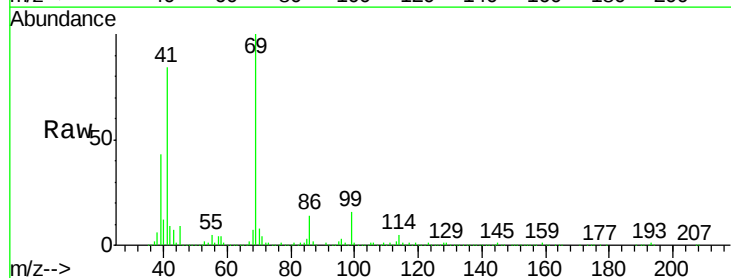
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

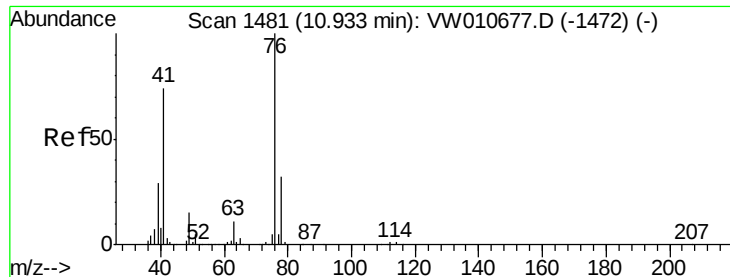
Tgt Ion:	97	Resp:	104230
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.1	106.7
85	55.4	45.2	67.8
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 57.108 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:	69	Resp:	171344
Ion	Ratio	Lower	Upper
69	100		
41	83.6	64.8	97.2
39	41.4	32.2	48.2

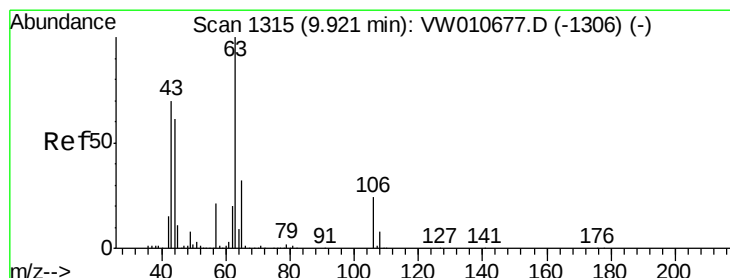
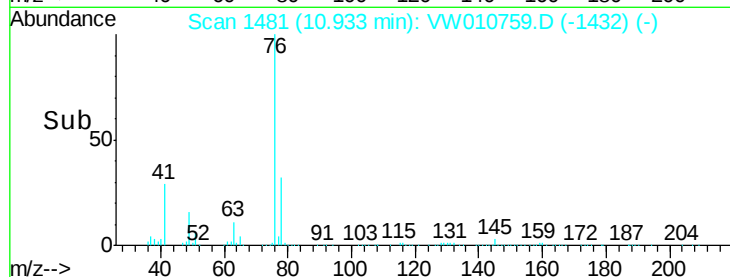
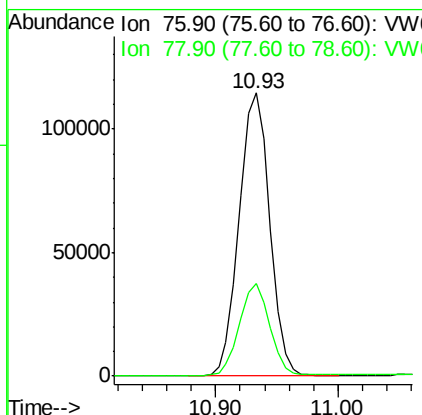
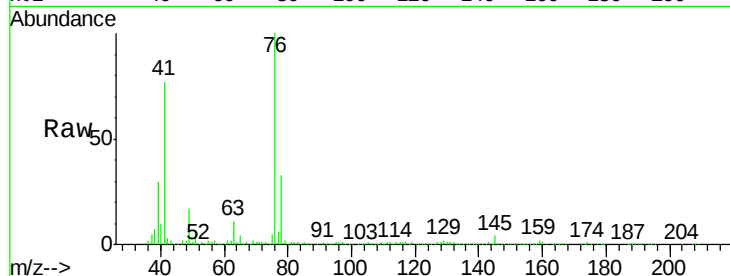




#57
 1,3-Dichloropropane
 Concen: 54.156 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

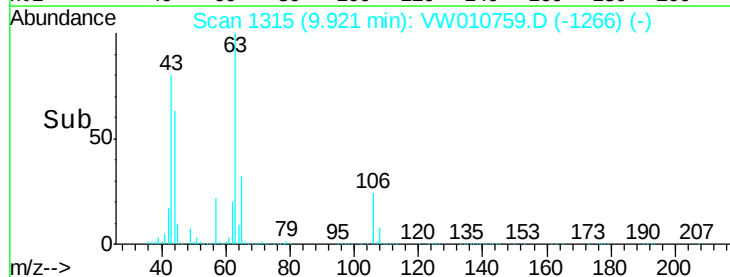
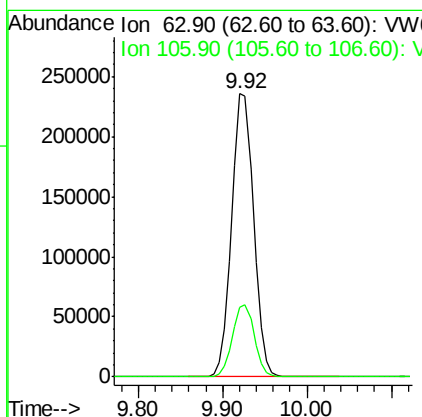
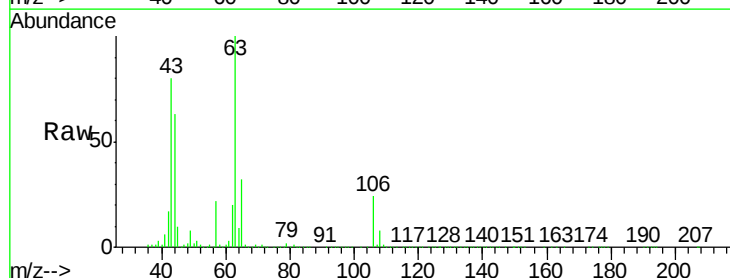
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

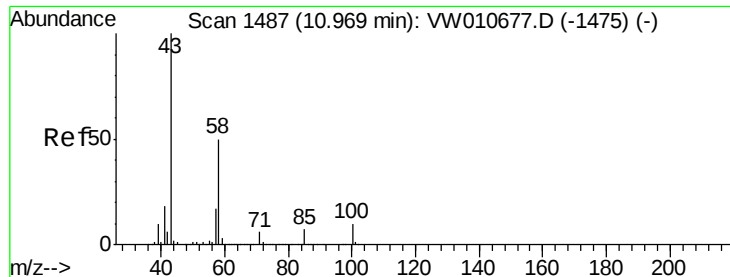
Tgt Ion: 76 Resp: 199004
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.782 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion: 63 Resp: 412970
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.1 30.1





#59

2-Hexanone

Concen: 284.344 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

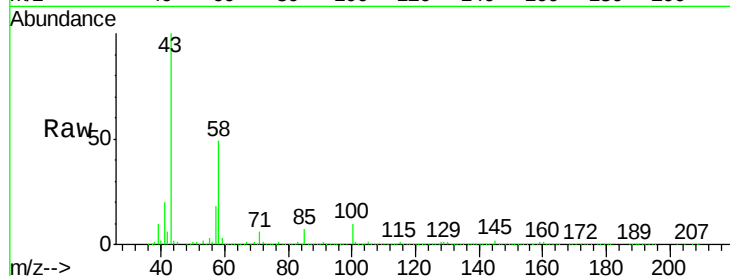
VSTDCCC050EC

Tgt Ion: 43 Resp: 453542

Ion Ratio Lower Upper

43 100

58 49.2 24.9 74.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

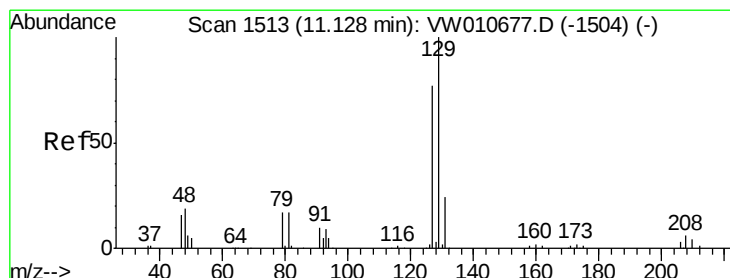
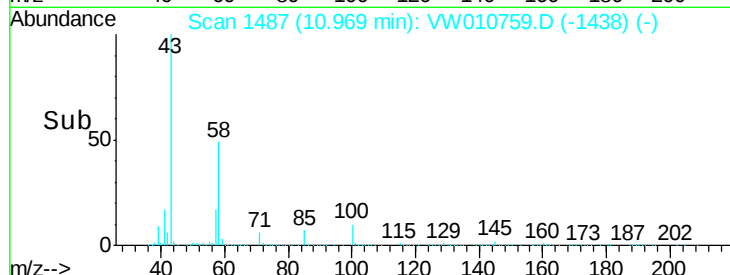
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 61.589 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010759.D

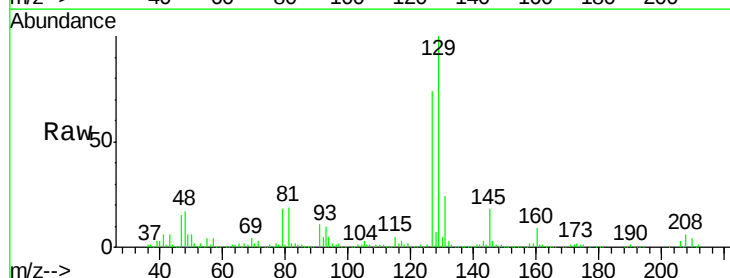
Acq: 10 Jun 2019 21:38

Tgt Ion: 129 Resp: 133127

Ion Ratio Lower Upper

129 100

127 70.2 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

80000

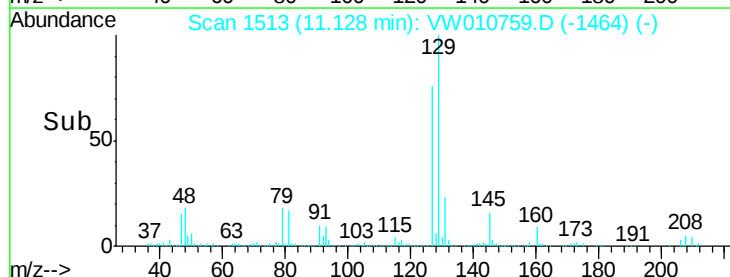
60000

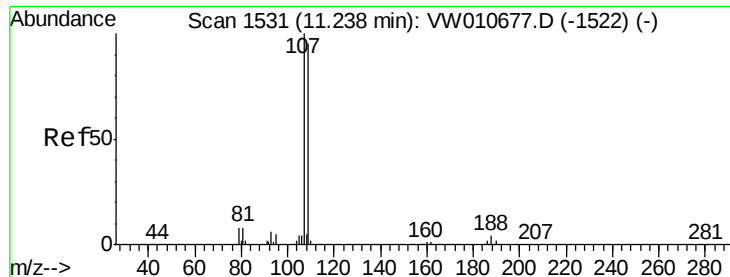
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 53.969 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

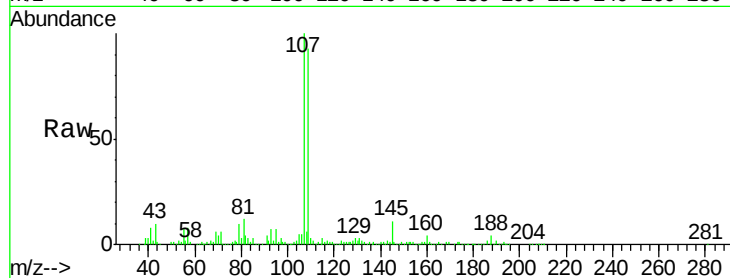
VSTDCCC050EC

Tgt Ion: 107 Resp: 99706

Ion Ratio Lower Upper

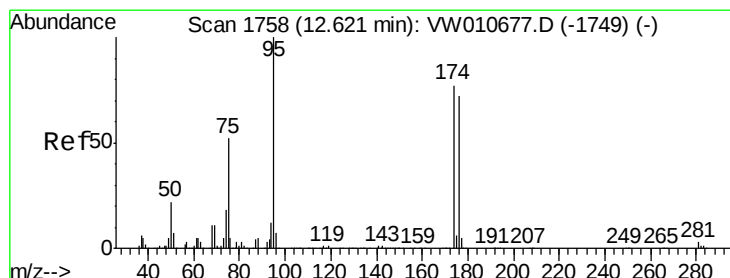
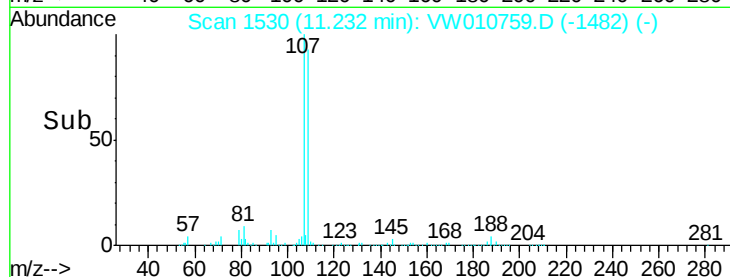
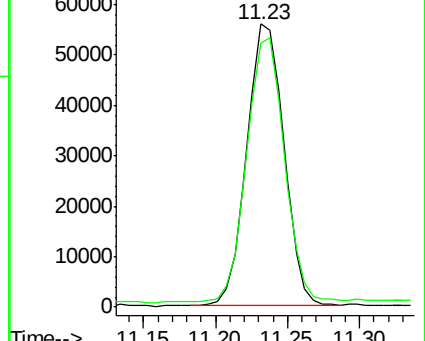
107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.316 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

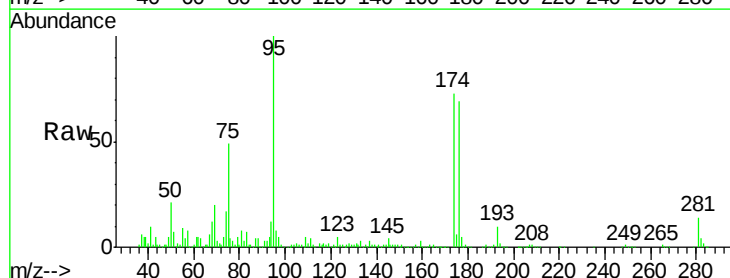
Tgt Ion: 95 Resp: 192284

Ion Ratio Lower Upper

95 100

174 67.5 0.0 150.4

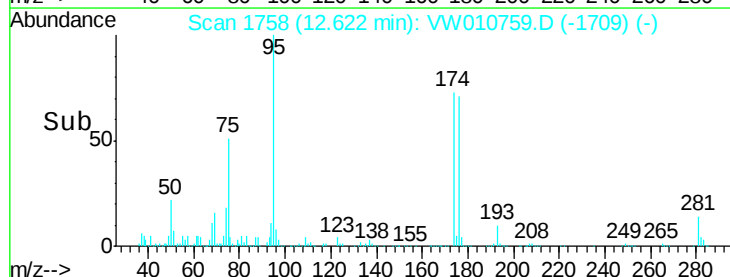
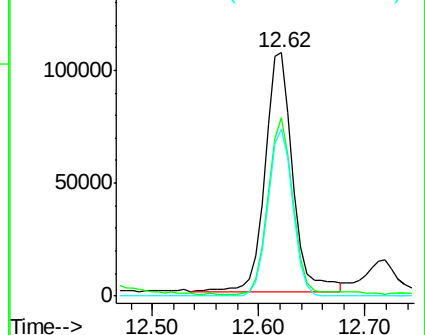
176 63.1 0.0 144.8

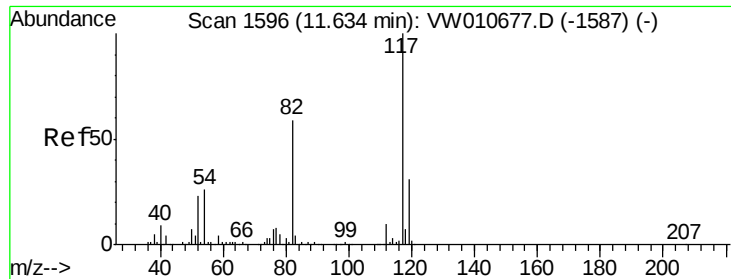


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

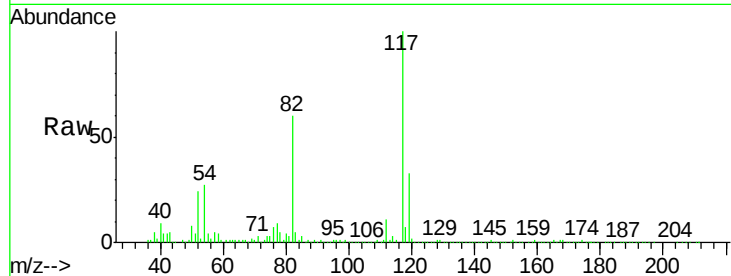




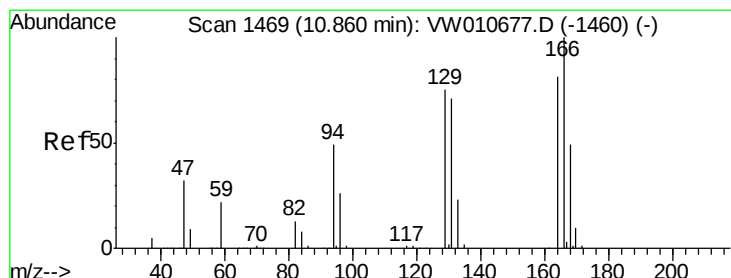
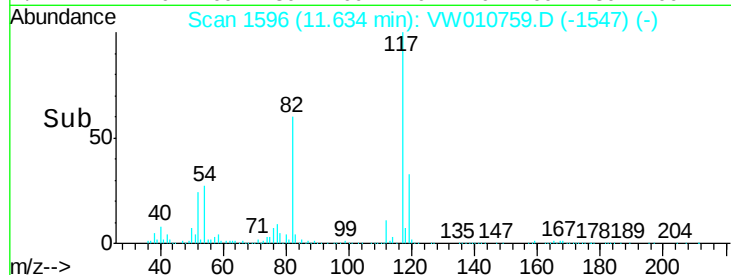
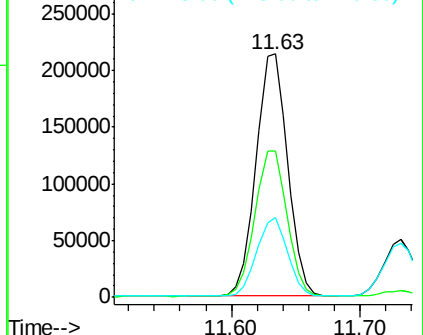
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 360592
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.4
119 32.4 25.1 37.7

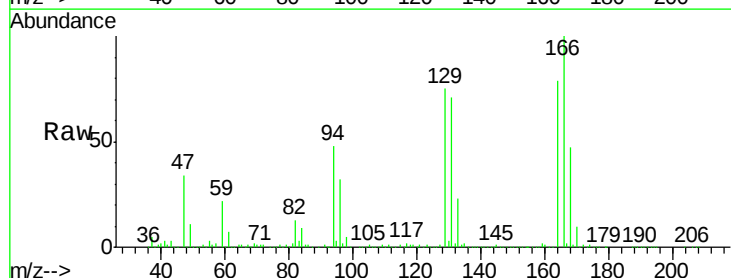


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

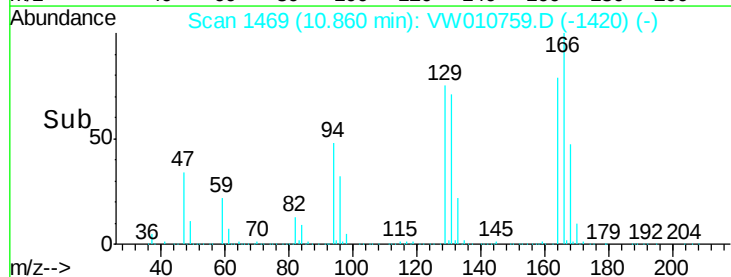
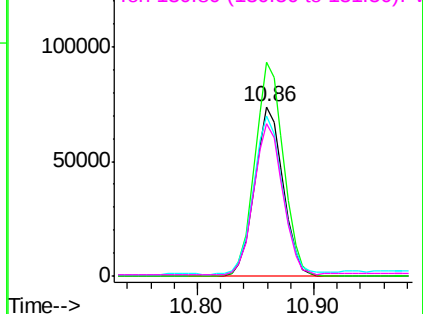


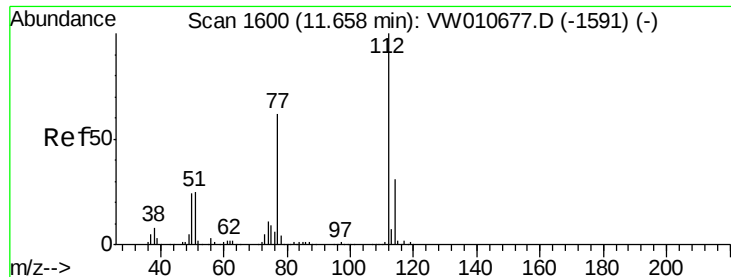
#64
Tetrachloroethene
Concen: 51.766 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:164 Resp: 123938
Ion Ratio Lower Upper
164 100
166 126.3 99.2 148.8
129 93.5 74.6 112.0
131 89.4 70.2 105.4



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

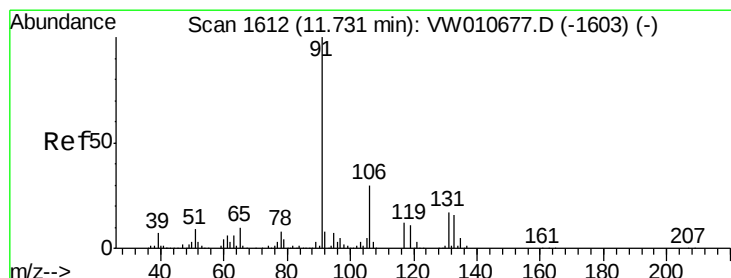
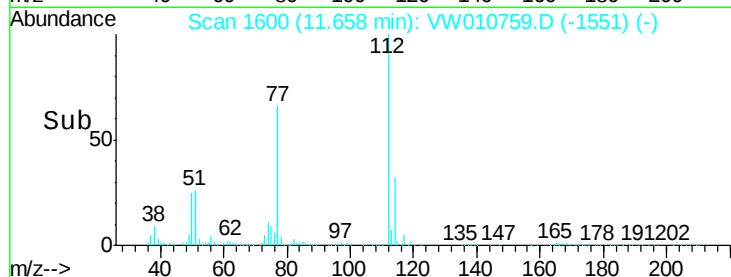
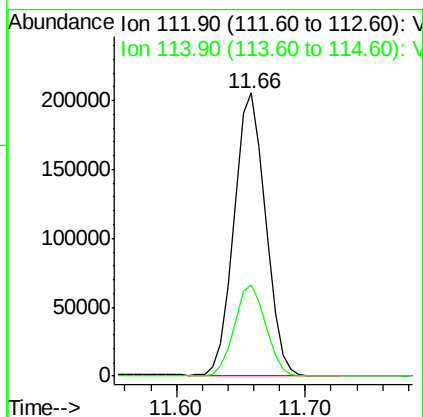
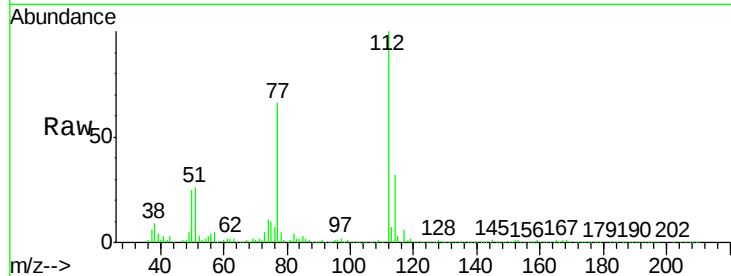




#65
Chlorobenzene
Concen: 49.123 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

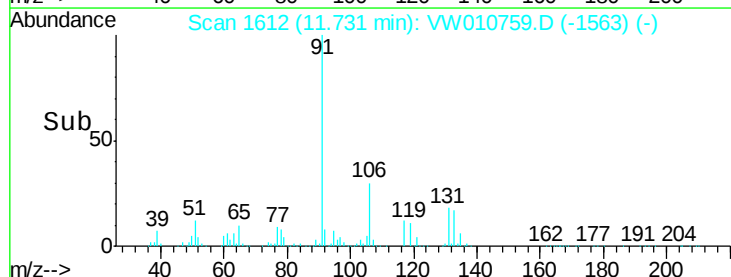
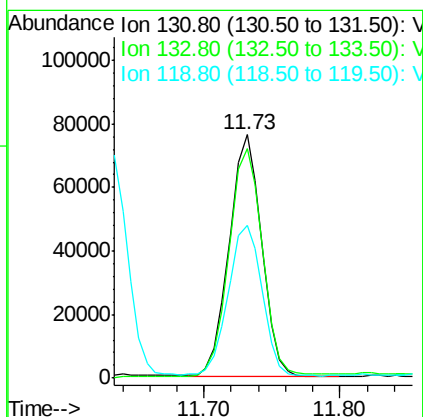
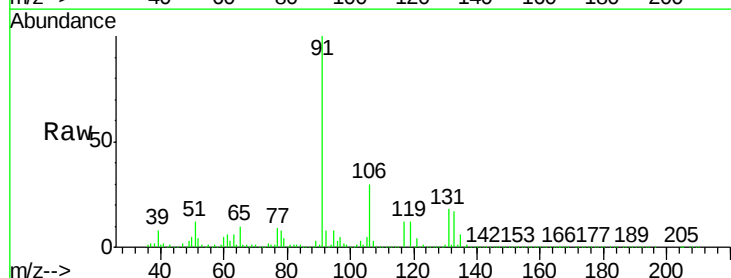
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

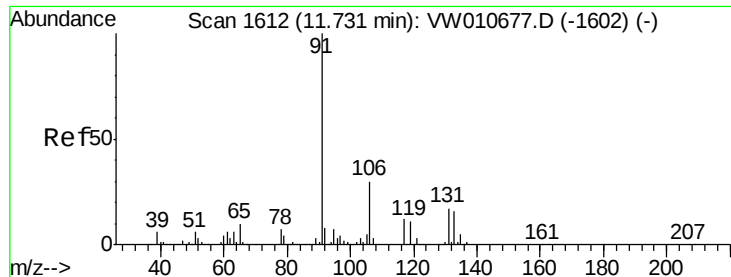
Tgt Ion:112 Resp: 348327
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.488 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:131 Resp: 126386
Ion Ratio Lower Upper
131 100
133 98.9 47.3 141.9
119 64.8 32.4 97.0

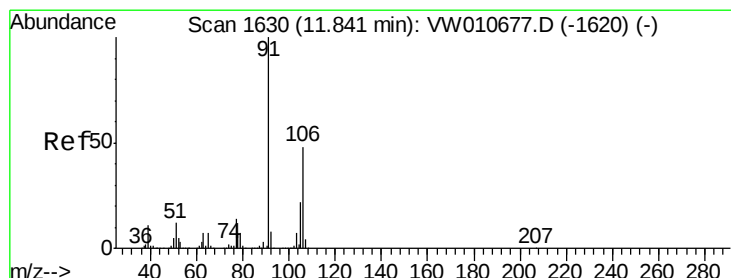
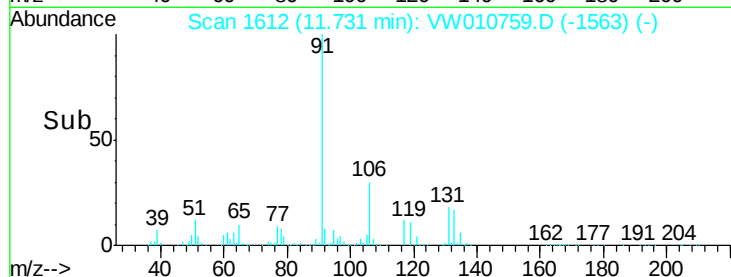
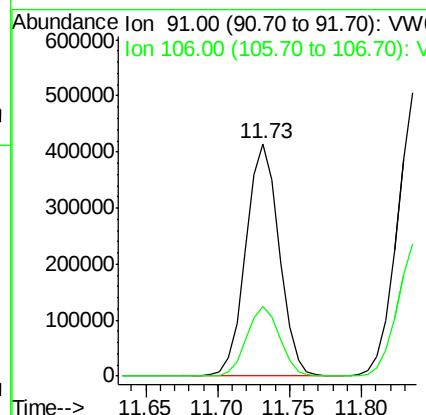
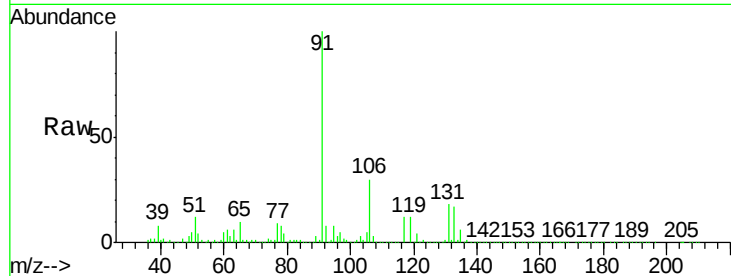




#67
Ethyl Benzene
Concen: 48.266 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

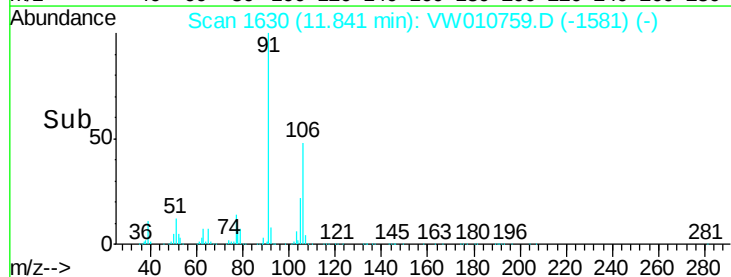
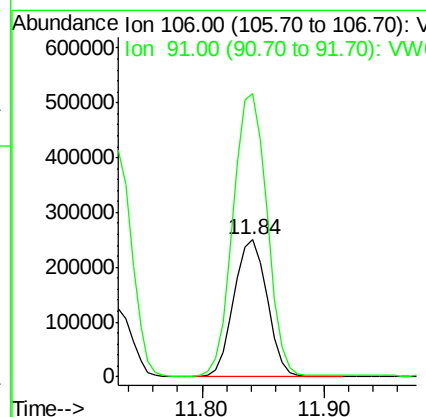
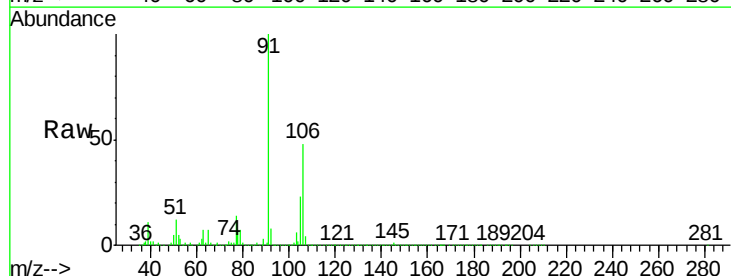
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

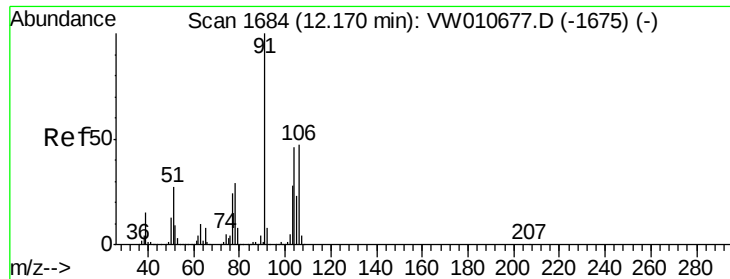
Tgt Ion: 91 Resp: 657757
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 96.595 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion: 106 Resp: 471228
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7

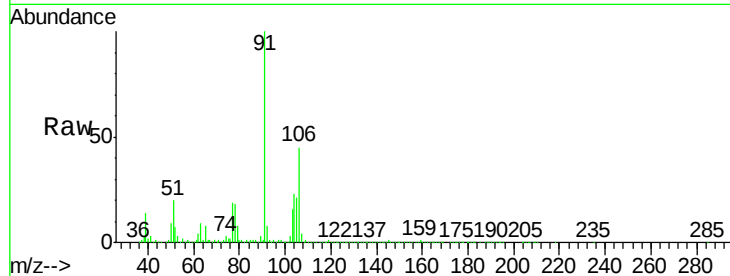




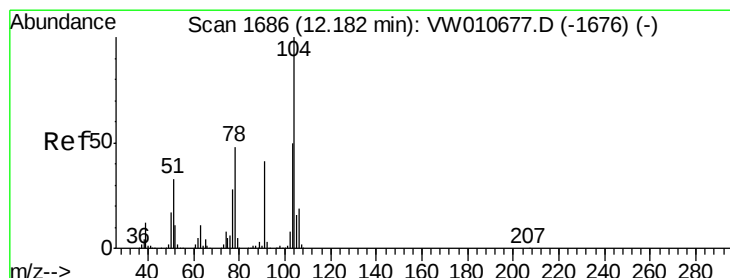
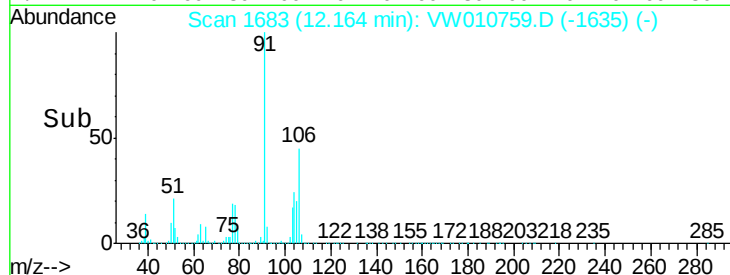
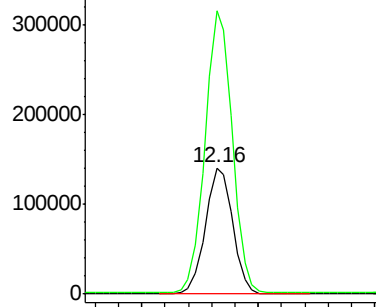
#69
o-Xylene
Concen: 49.727 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 230074
Ion Ratio Lower Upper
106 100
91 220.9 108.9 326.6

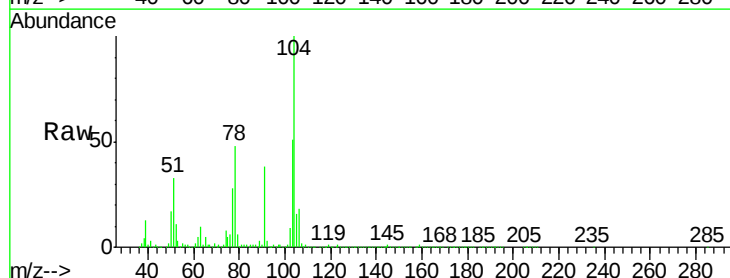


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

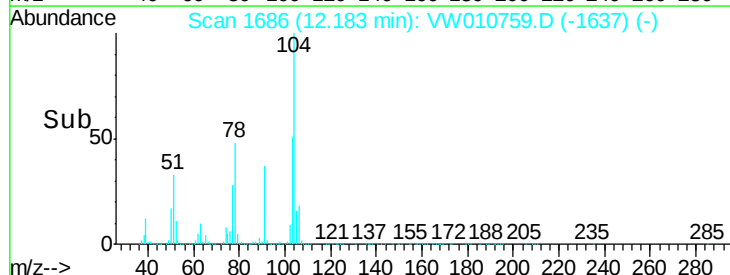
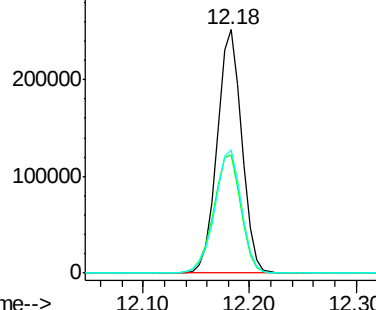


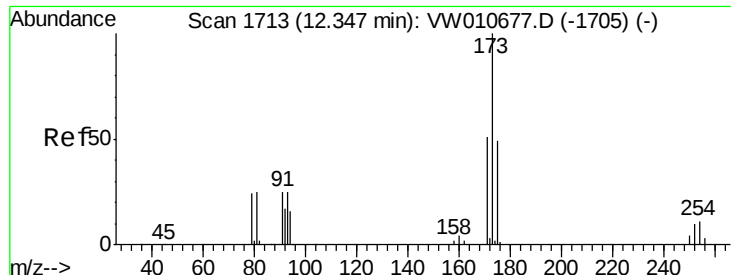
#70
Styrene
Concen: 50.695 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:104 Resp: 407454
Ion Ratio Lower Upper
104 100
78 53.8 42.7 64.1
103 54.3 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V

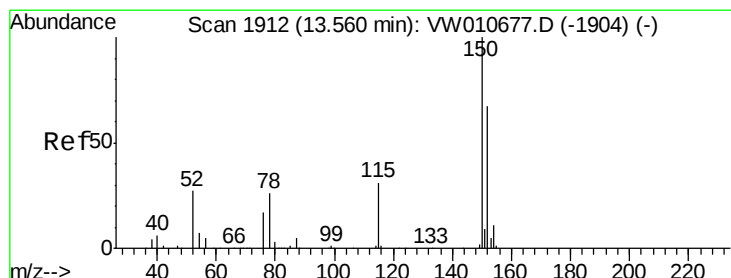
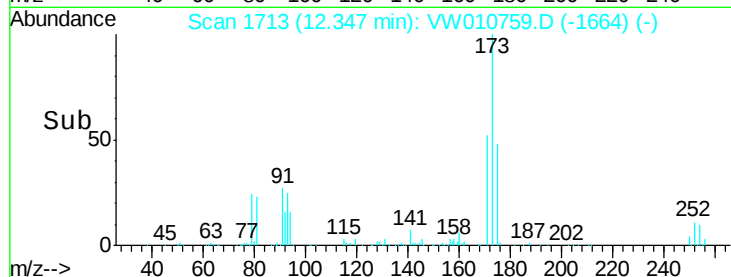
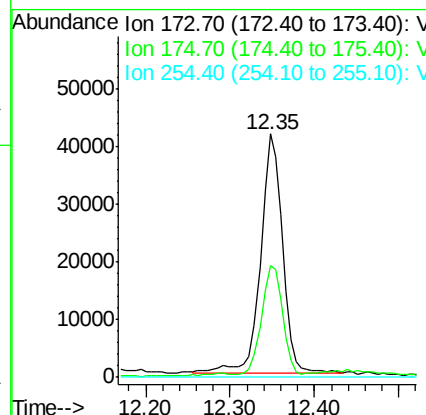
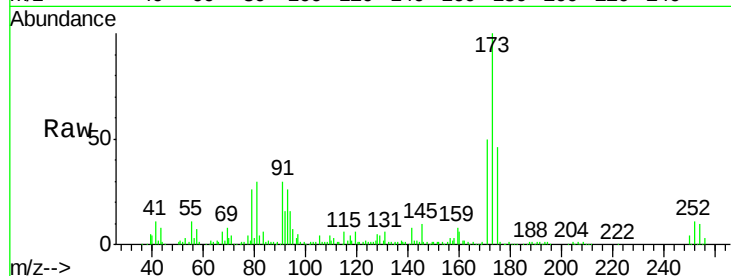




#71
Bromoform
Concen: 57.896 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

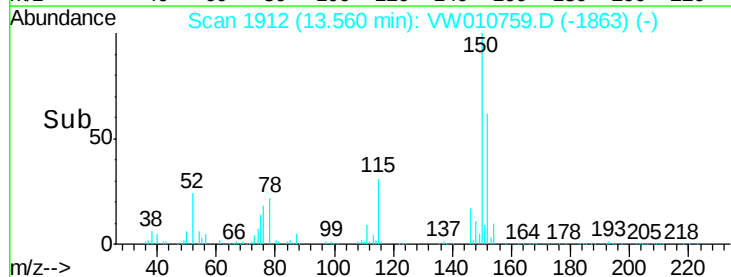
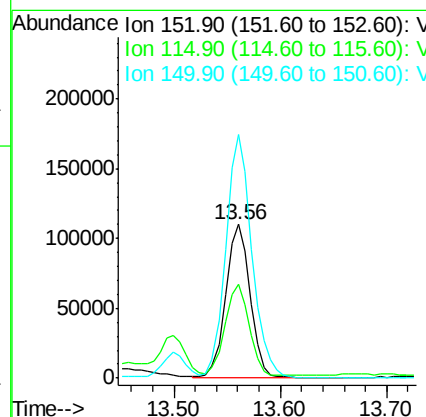
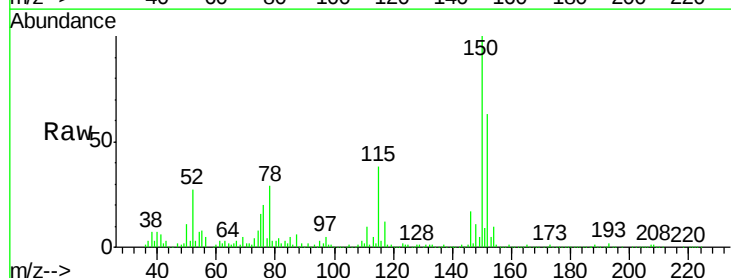
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

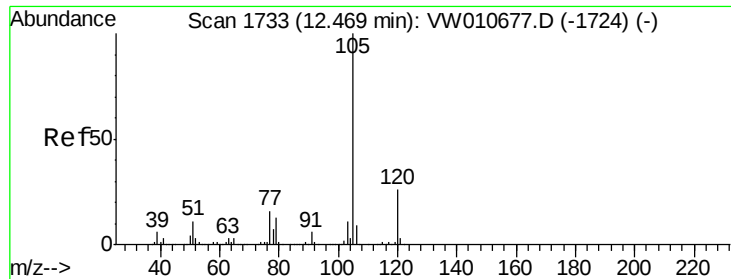
Tgt Ion:173 Resp: 73499
Ion Ratio Lower Upper
173 100
175 43.5 24.3 72.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:152 Resp: 175483
Ion Ratio Lower Upper
152 100
115 58.2 29.8 89.3
150 168.5 0.0 345.0





#73

Isopropylbenzene

Concen: 47.904 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

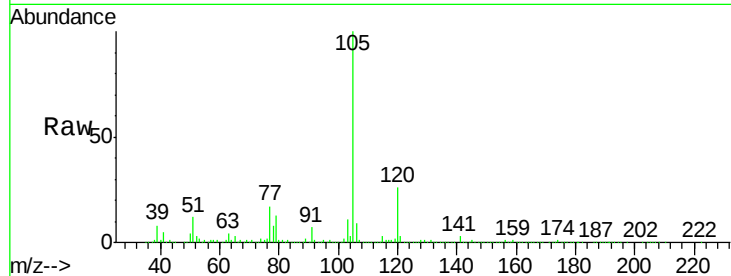
VSTDCCC050EC

Tgt Ion: 105 Resp: 631706

Ion Ratio Lower Upper

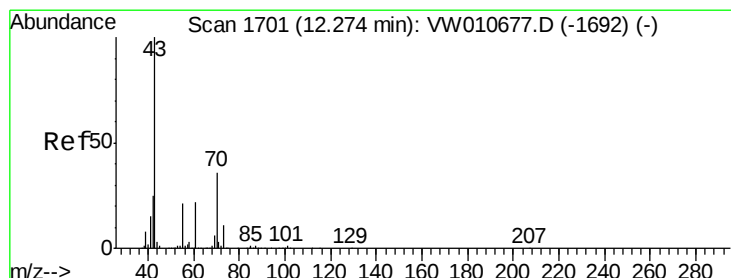
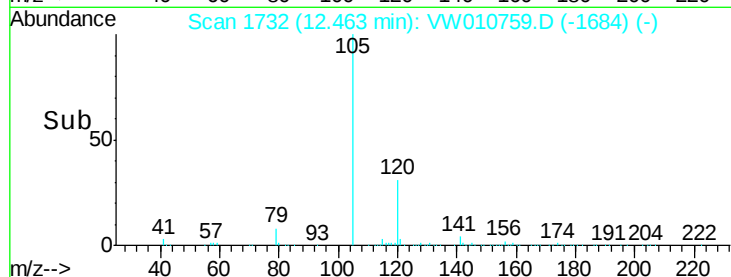
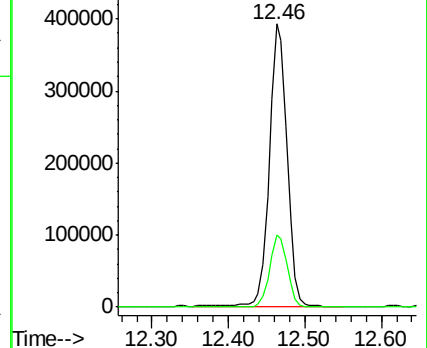
105 100

120 25.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.464 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Tgt Ion: 43 Resp: 240640

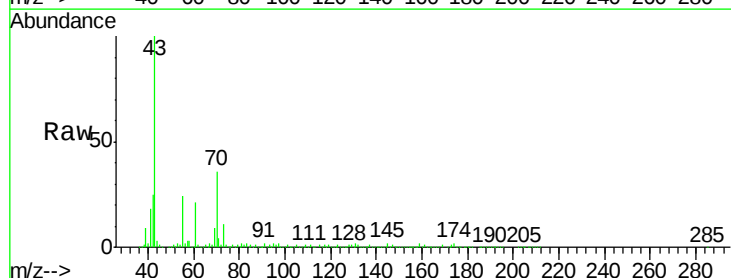
Ion Ratio Lower Upper

43 100

70 35.5 29.2 43.8

55 21.7 17.5 26.3

61 21.1 17.4 26.2

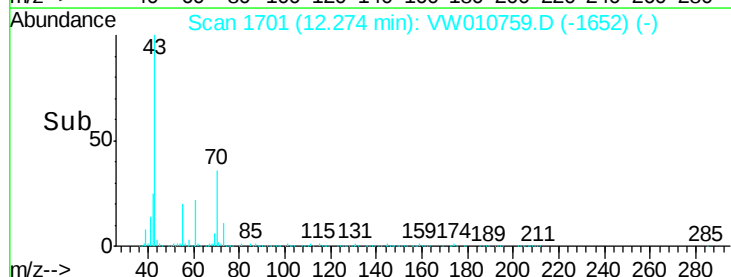
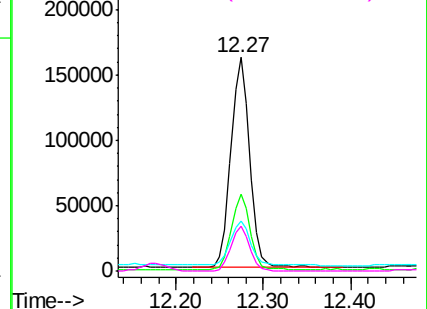


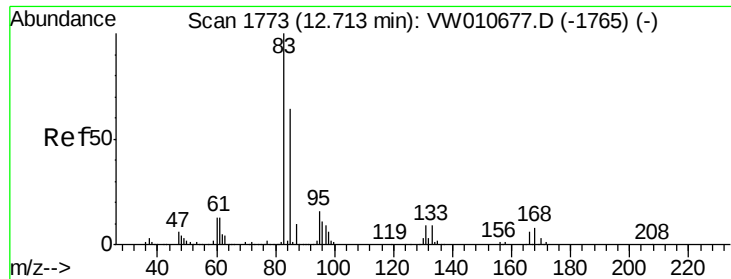
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.837 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

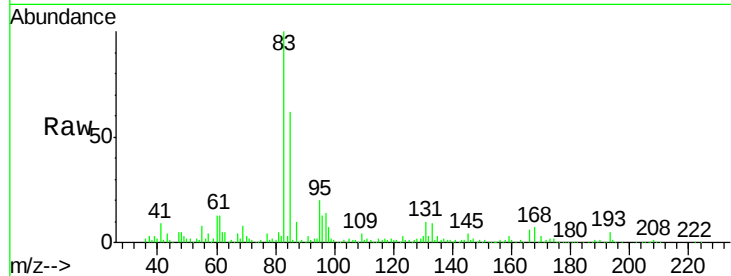
Tgt Ion: 83 Resp: 127624

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

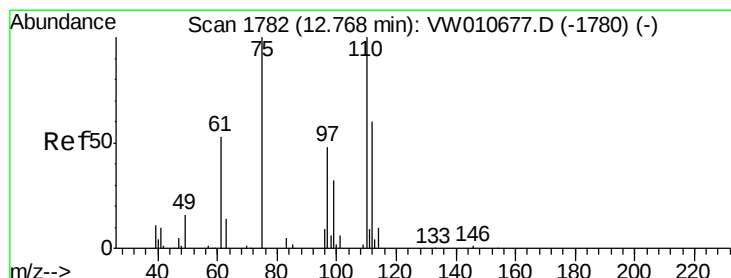
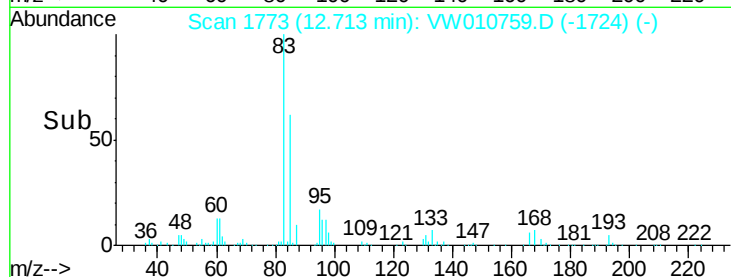
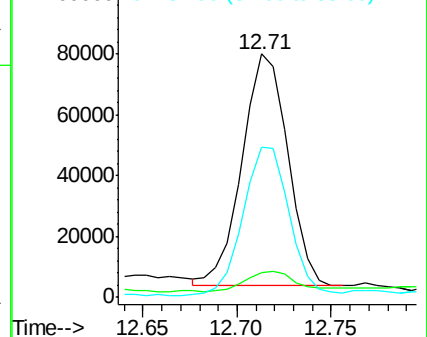
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 93.992 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010759.D

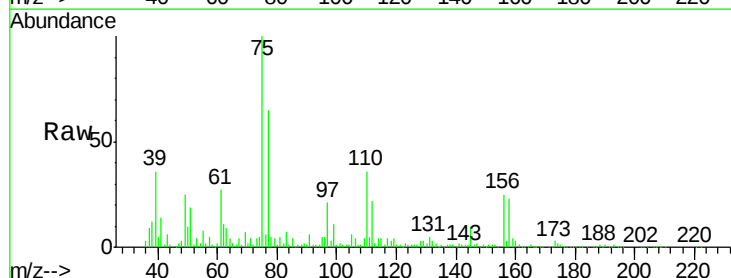
Acq: 10 Jun 2019 21:38

Tgt Ion: 75 Resp: 173210

Ion Ratio Lower Upper

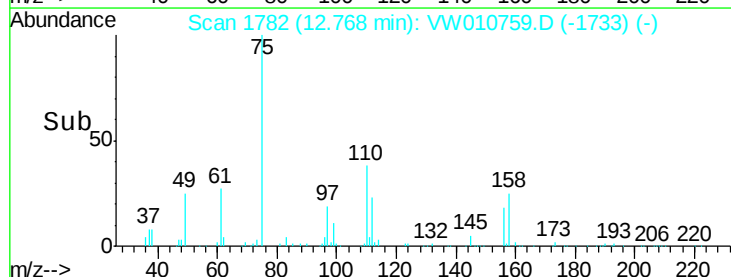
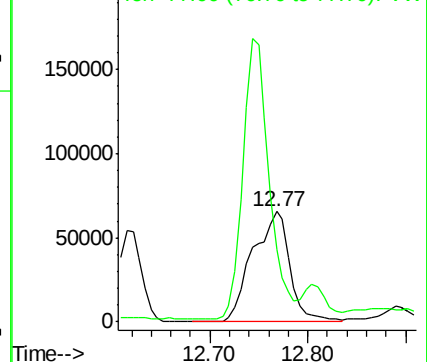
75 100

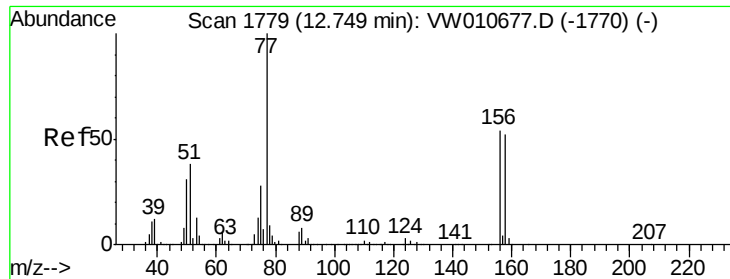
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.490 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

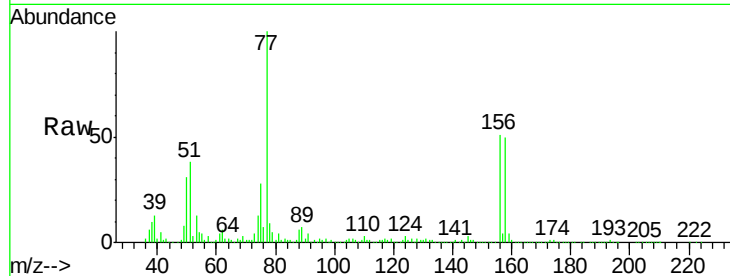
Tgt Ion:156 Resp: 145334

Ion Ratio Lower Upper

156 100

77 213.5 106.5 319.4

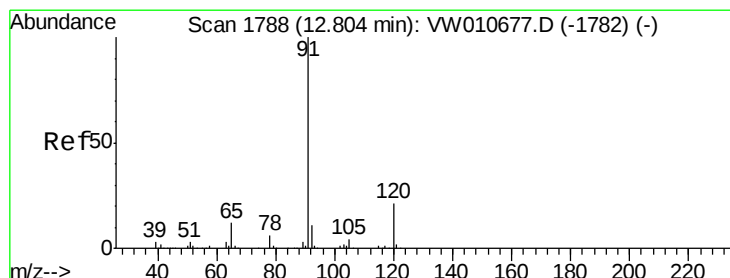
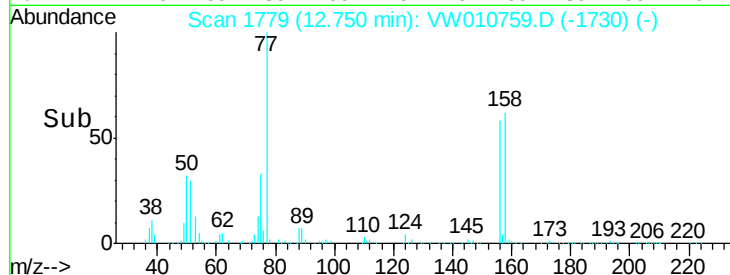
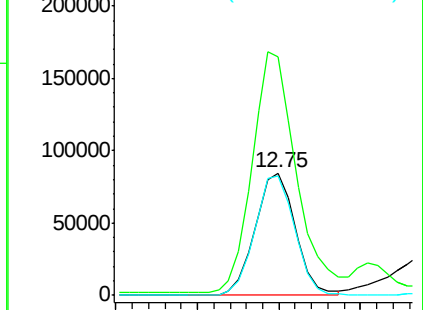
158 97.4 48.3 144.9



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: 46.265 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010759.D

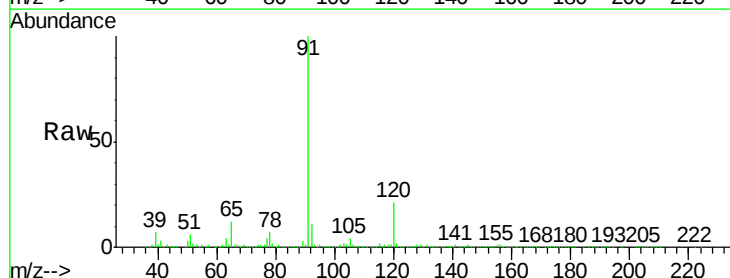
Acq: 10 Jun 2019 21:38

Tgt Ion: 91 Resp: 735648

Ion Ratio Lower Upper

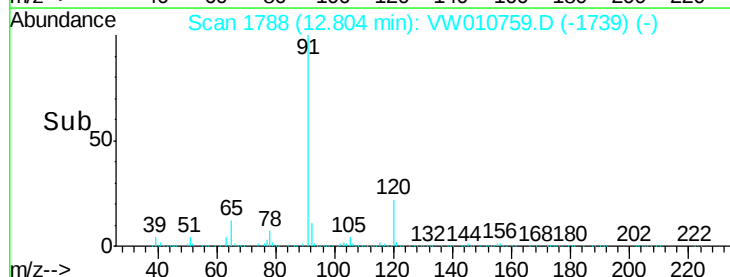
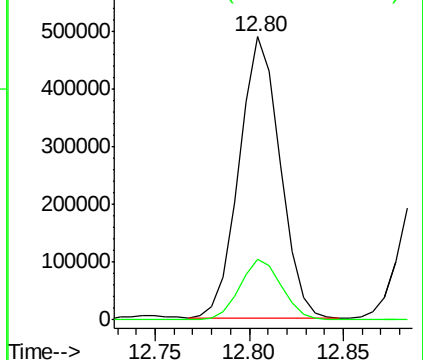
91 100

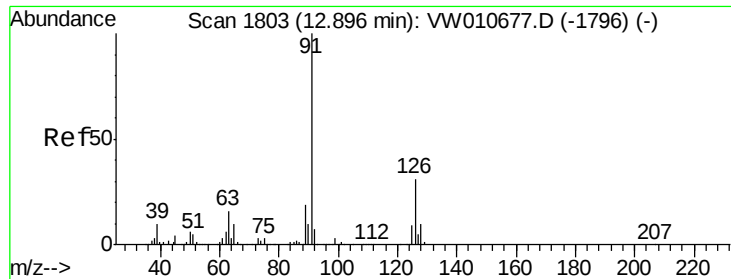
120 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.455 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

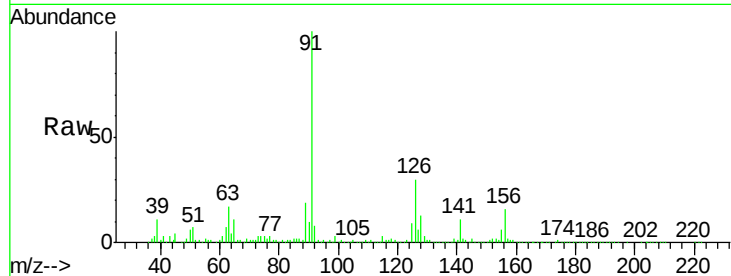
VSTDCCC050EC

Tgt Ion: 91 Resp: 440184

Ion Ratio Lower Upper

91 100

126 32.6 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

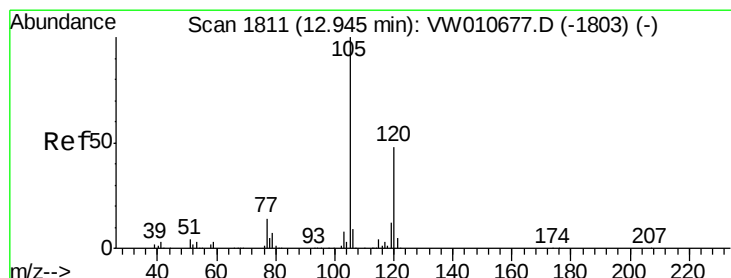
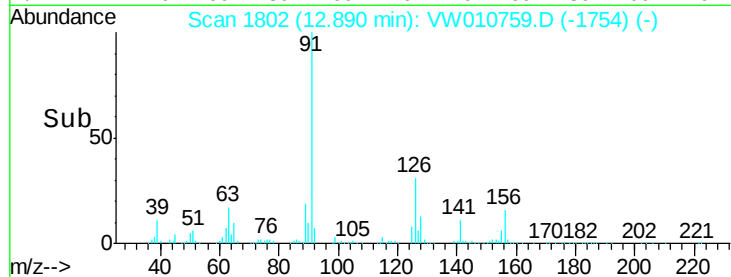
200000

100000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.178 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010759.D

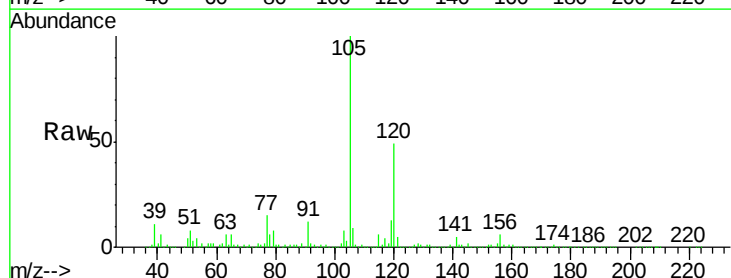
Acq: 10 Jun 2019 21:38

Tgt Ion: 105 Resp: 509221

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

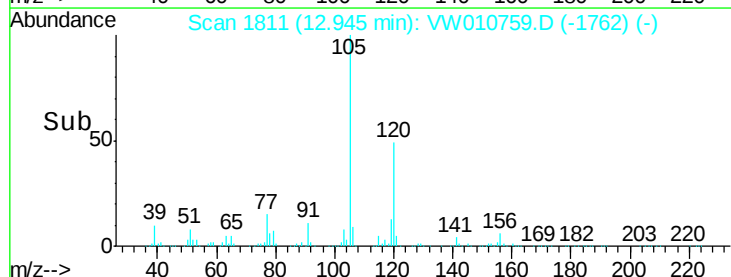
200000

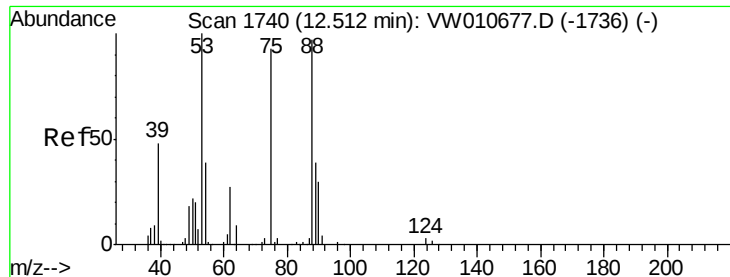
100000

0

12.90 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.073 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

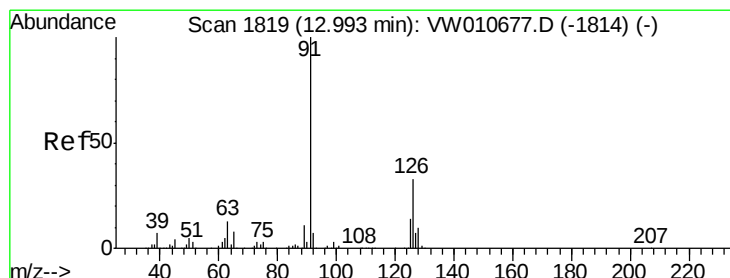
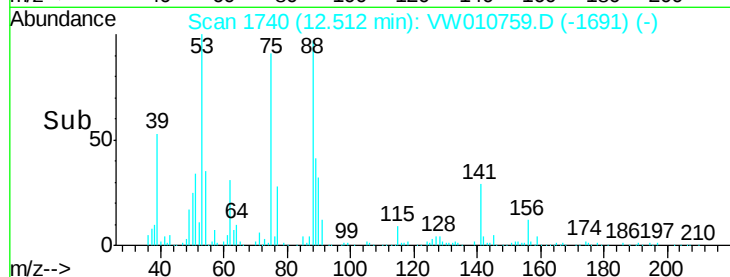
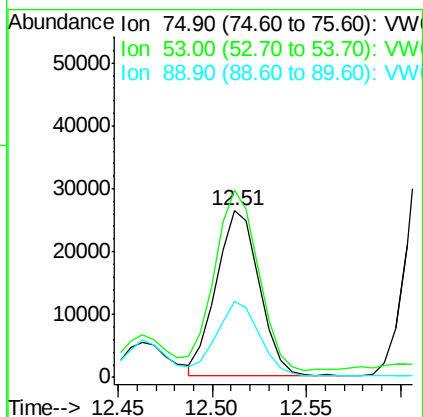
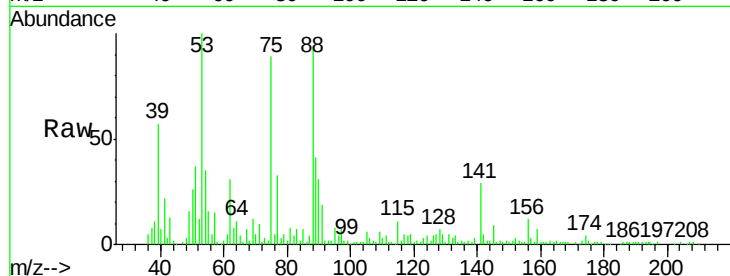
Tgt Ion: 75 Resp: 41752

Ion Ratio Lower Upper

75 100

53 110.5 90.1 135.1

89 46.5 34.6 52.0



#82

4-Chlorotoluene

Concen: 47.844 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010759.D

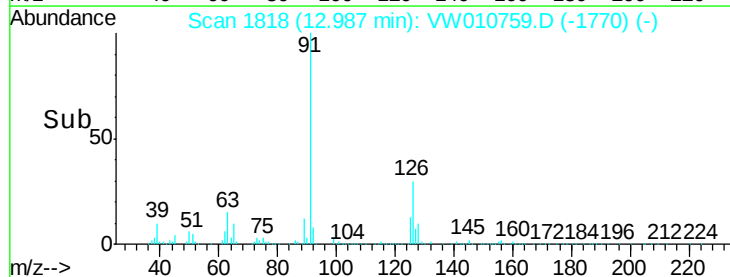
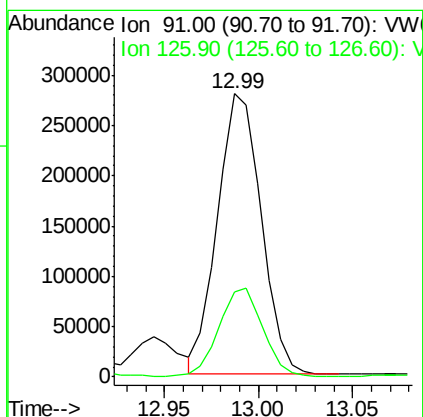
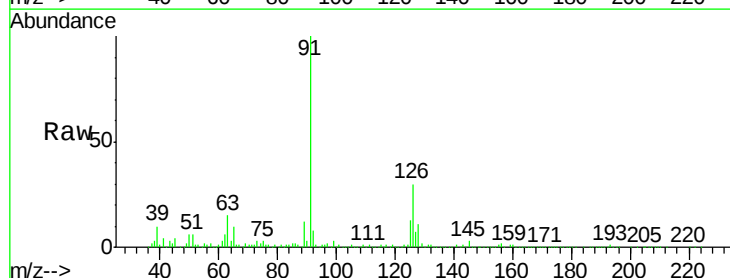
Acq: 10 Jun 2019 21:38

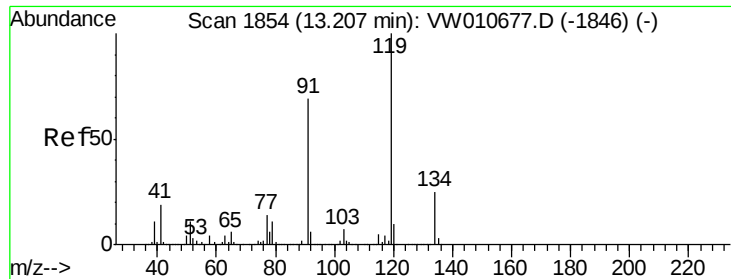
Tgt Ion: 91 Resp: 448526

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7

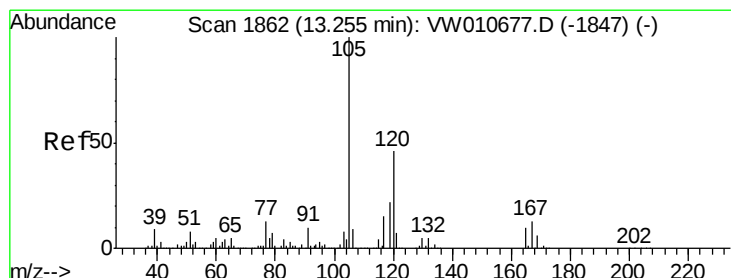
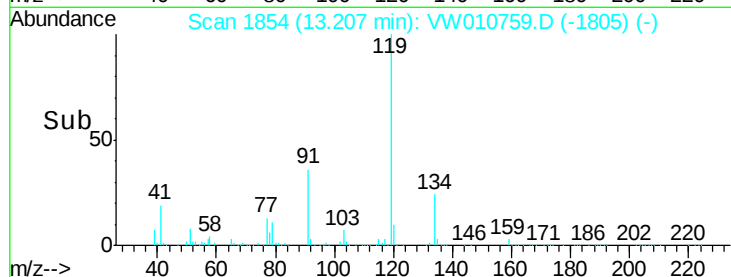
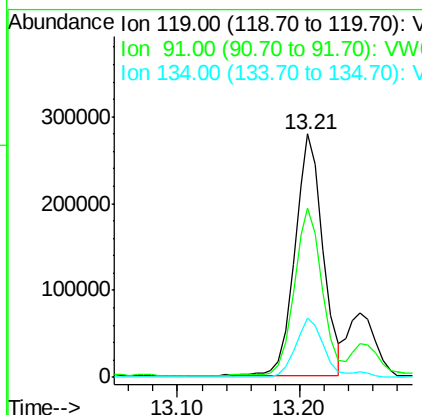
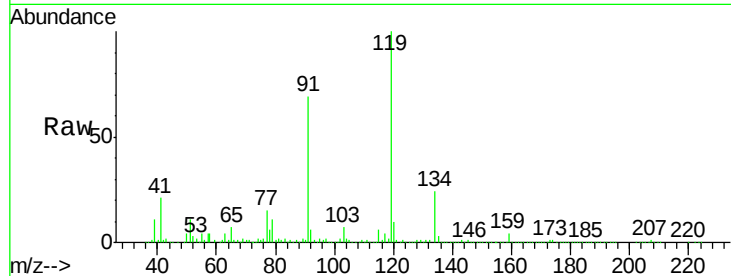




#83
 tert-Butylbenzene
 Concen: 48.489 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

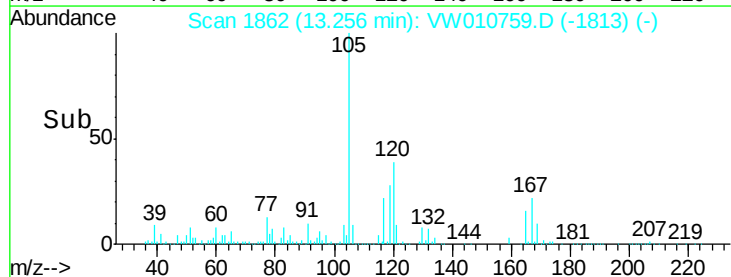
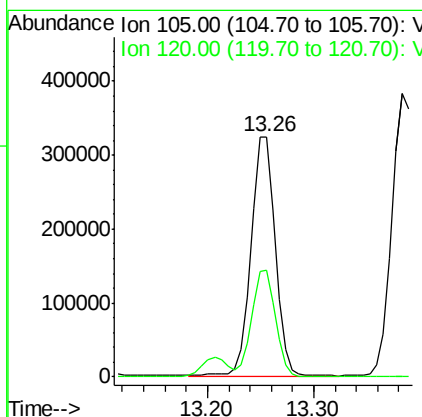
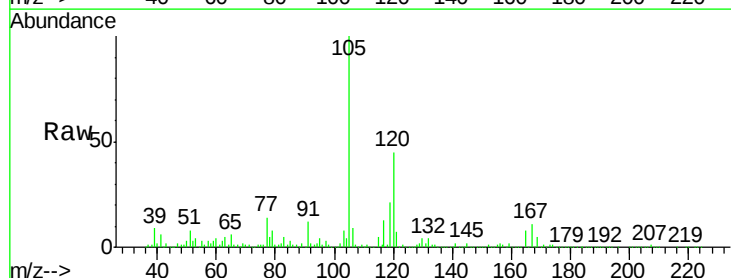
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

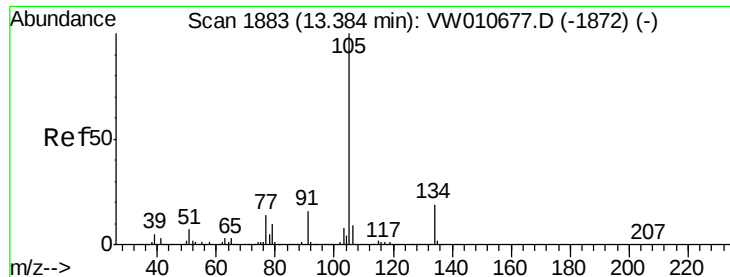
Tgt Ion:119 Resp: 444176
 Ion Ratio Lower Upper
 119 100
 91 69.0 35.1 105.3
 134 25.7 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 47.407 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:105 Resp: 514915
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 45.795 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

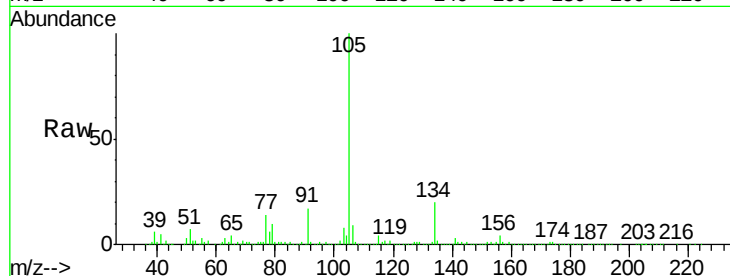
VSTDCCC050EC

Tgt Ion:105 Resp: 610777

Ion Ratio Lower Upper

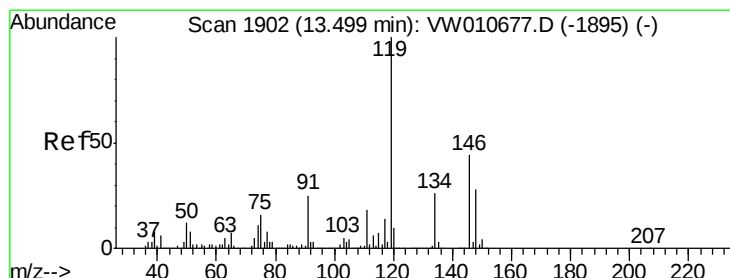
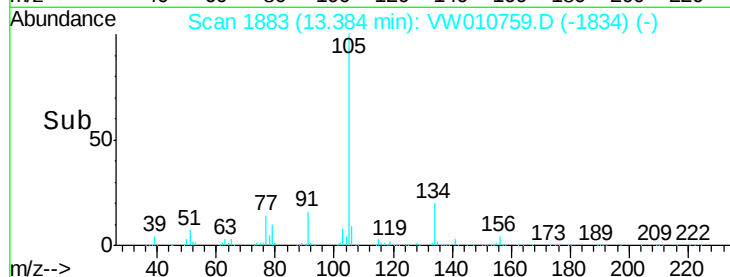
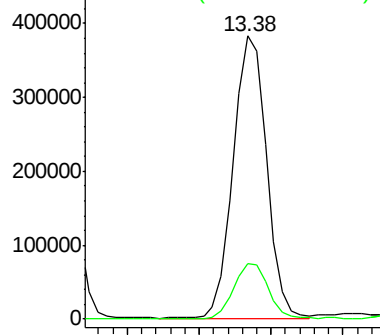
105 100

134 20.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.040 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

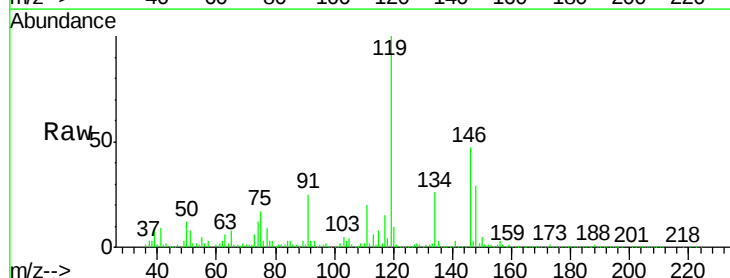
Tgt Ion:119 Resp: 549118

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

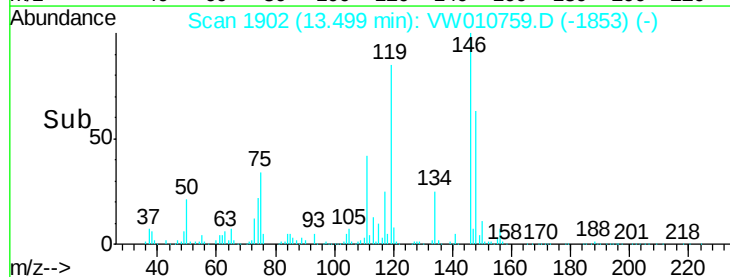
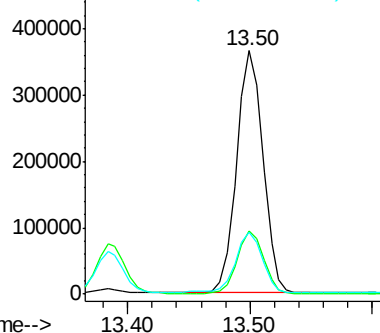
91 25.5 12.2 36.4

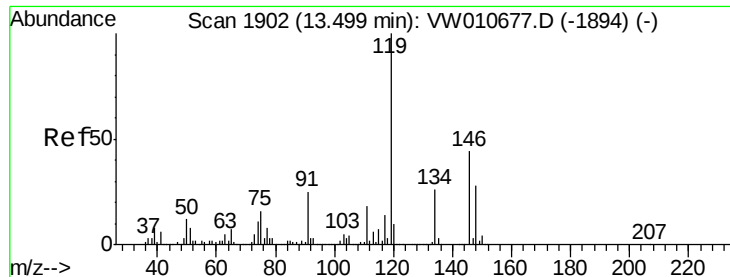


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

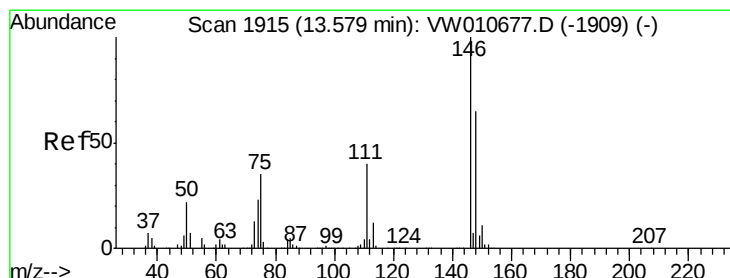
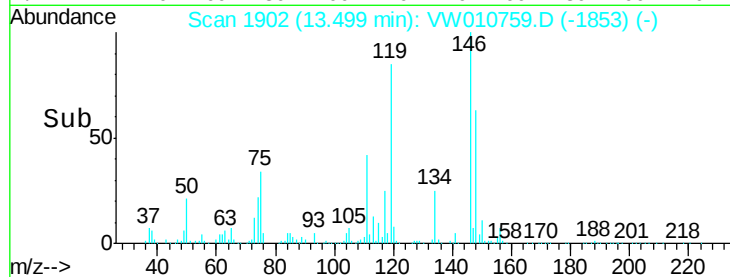
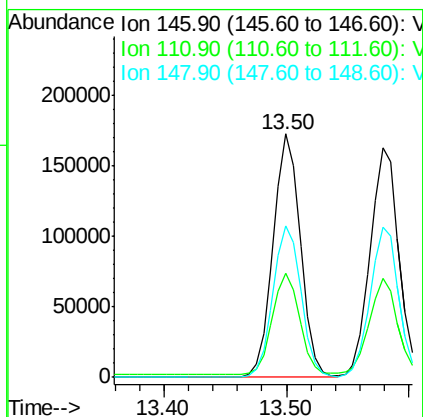
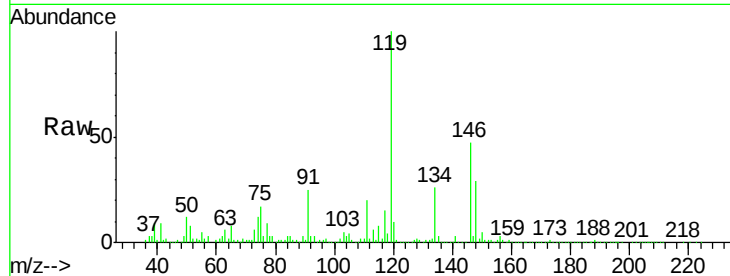




#87
 1,3-Dichlorobenzene
 Concen: 48.261 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

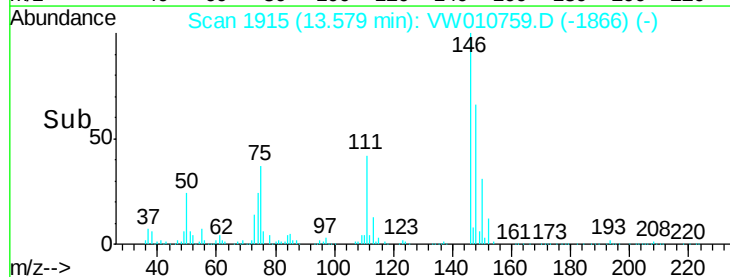
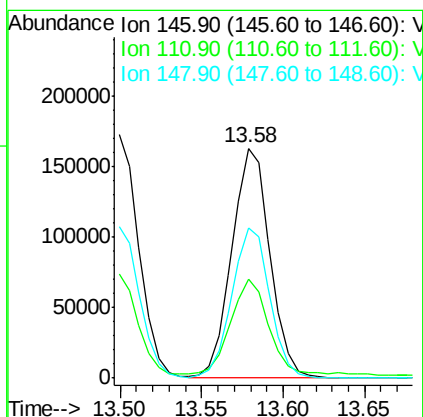
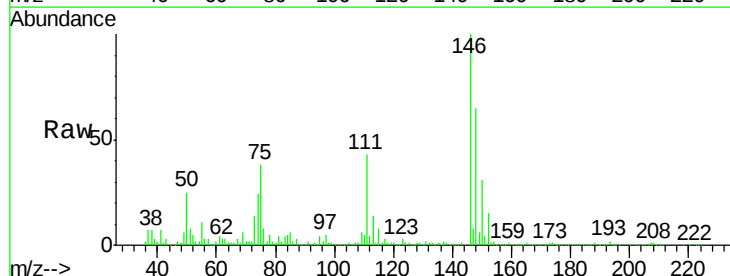
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

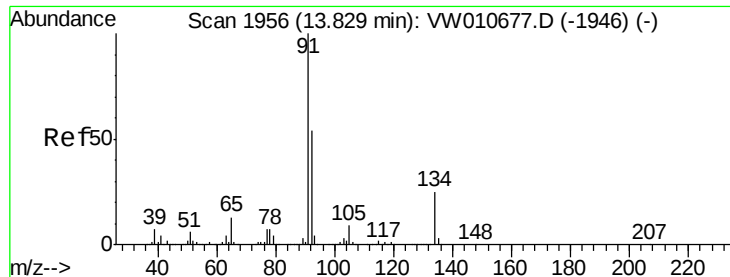
Tgt Ion:146 Resp: 267897
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 63.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.812 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:146 Resp: 263121
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.3 60.9
 148 65.6 32.4 97.2





#89

n-Butylbenzene

Concen: 45.447 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

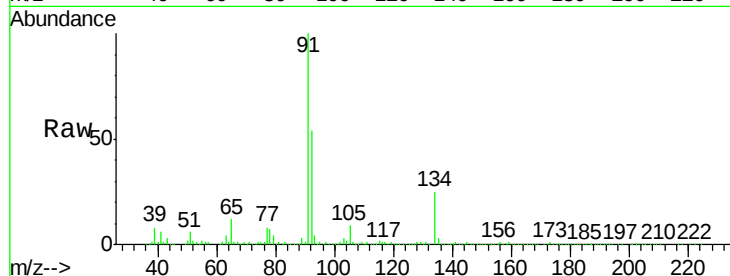
Tgt Ion: 91 Resp: 540823

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

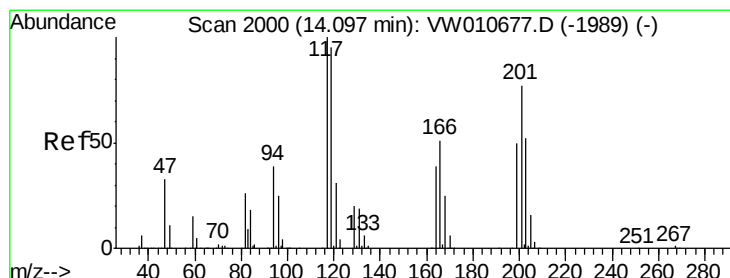
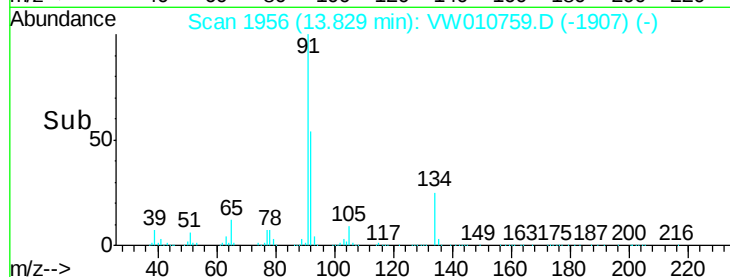
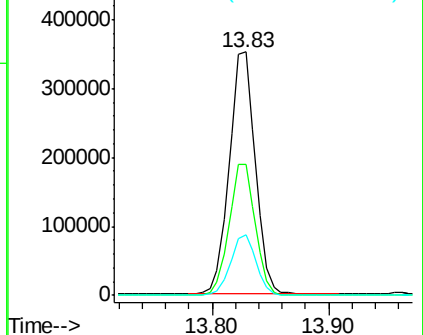
134 24.7 12.3 36.9



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: 50.408 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010759.D

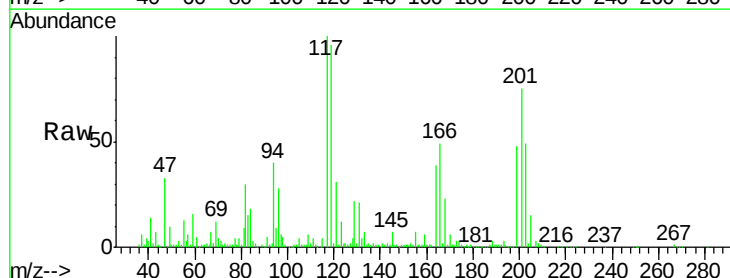
Acq: 10 Jun 2019 21:38

Tgt Ion: 117 Resp: 107668

Ion Ratio Lower Upper

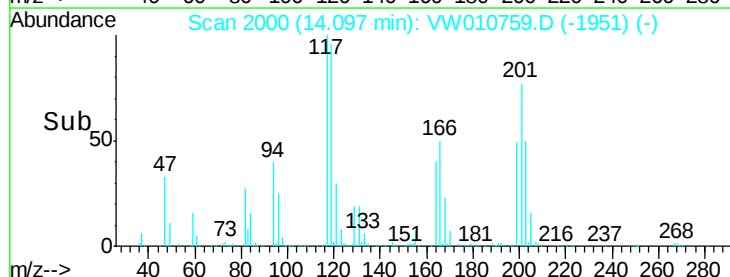
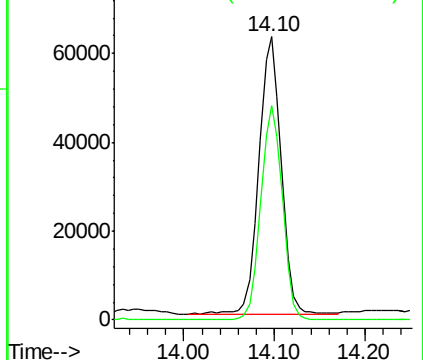
117 100

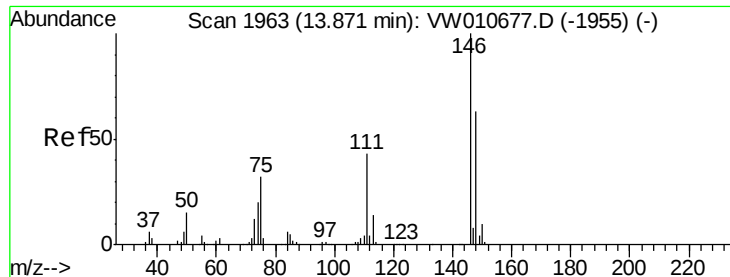
201 73.3 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.846 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

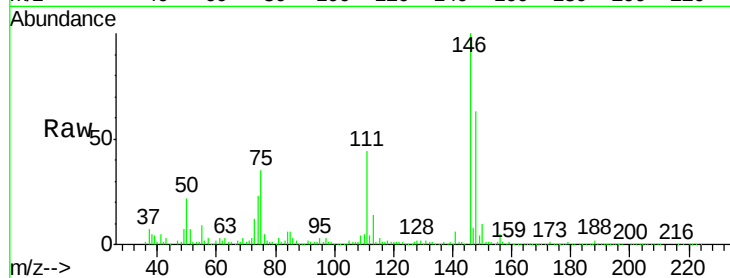
Tgt Ion:146 Resp: 243840

Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

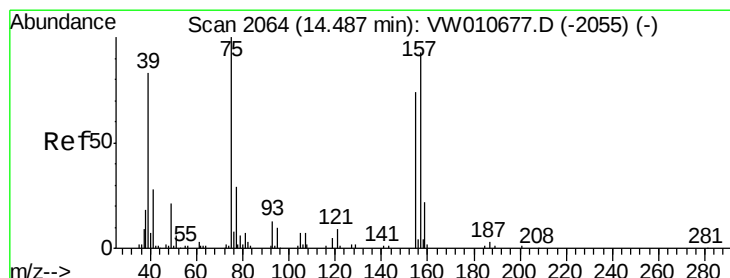
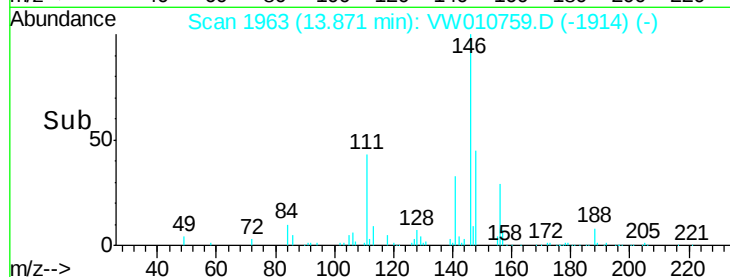
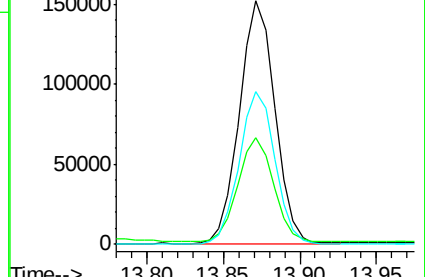
148 63.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.619 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010759.D

Acq: 10 Jun 2019 21:38

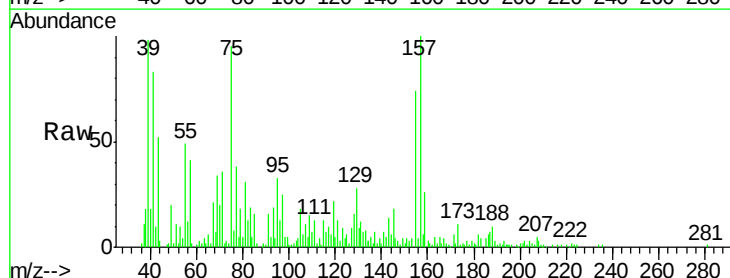
Tgt Ion: 75 Resp: 23977

Ion Ratio Lower Upper

75 100

155 73.8 38.8 116.4

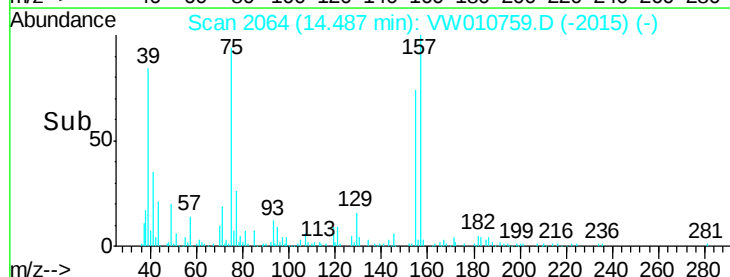
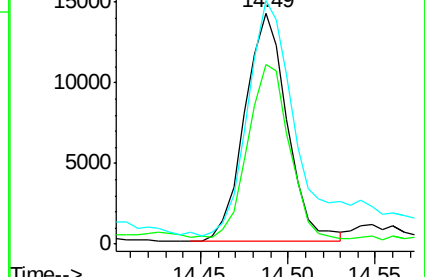
157 133.0 48.4 145.0

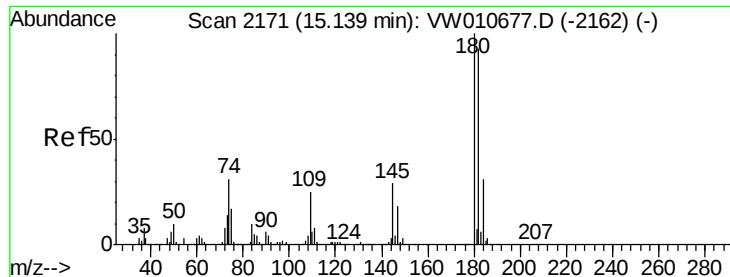


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

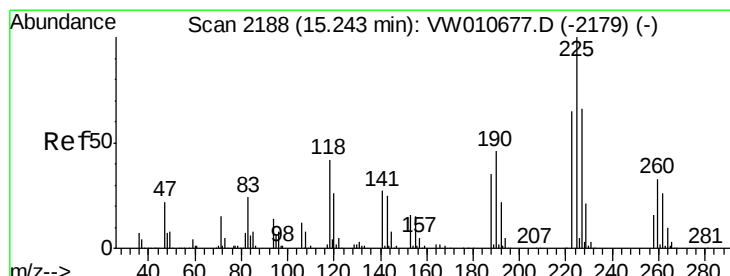
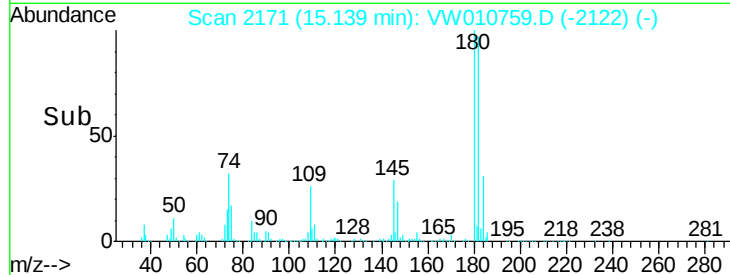
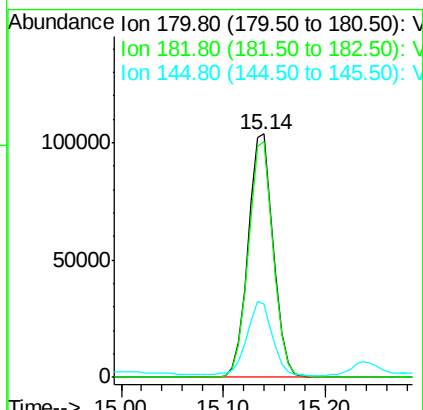
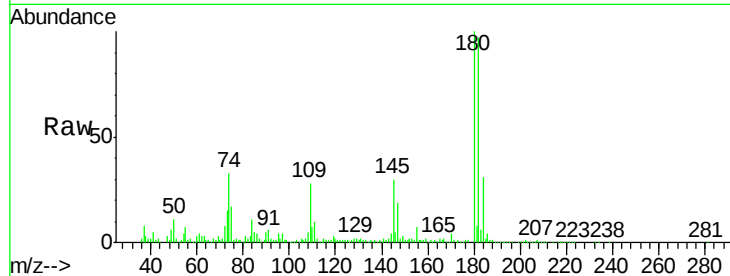




#93
 1,2,4-Trichlorobenzene
 Concen: 50.815 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

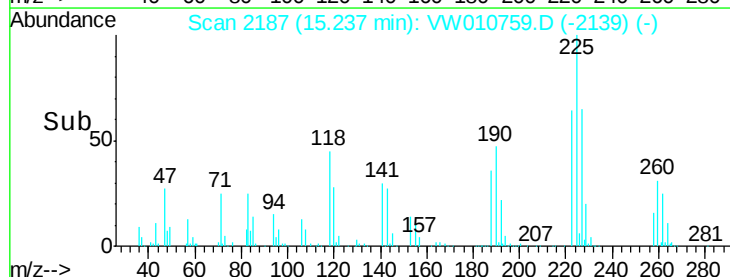
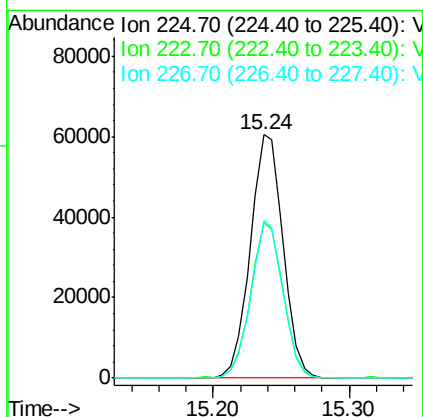
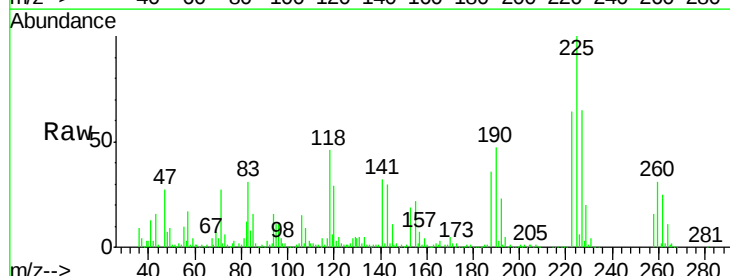
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

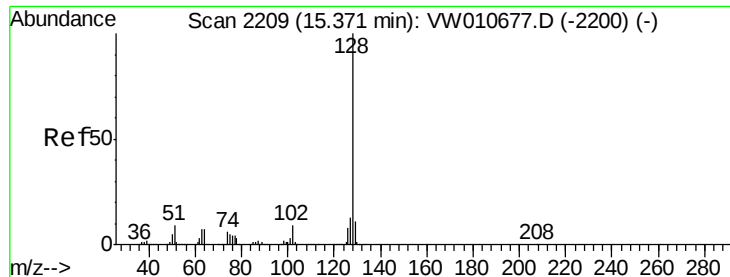
Tgt Ion:180 Resp: 178013
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.1 141.4
 145 30.9 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 46.413 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010759.D
 Acq: 10 Jun 2019 21:38

Tgt Ion:225 Resp: 102044
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.2 96.6
 227 63.5 32.0 96.0

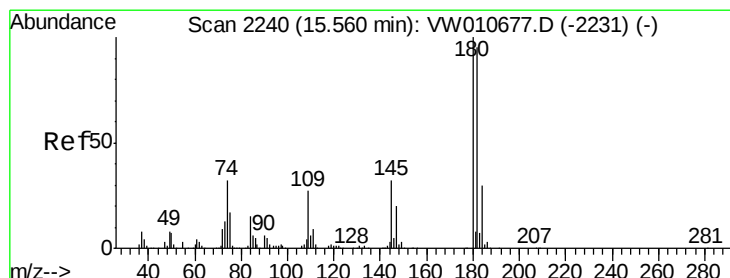
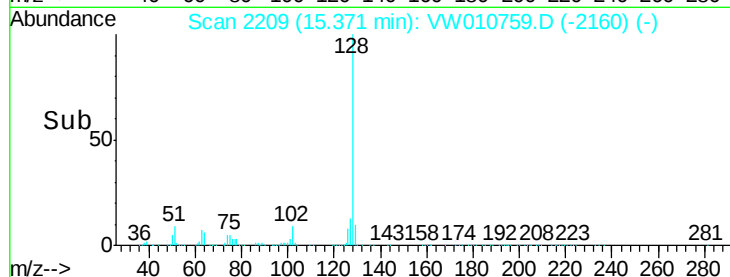
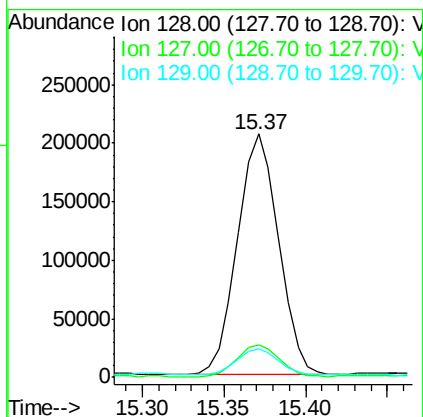
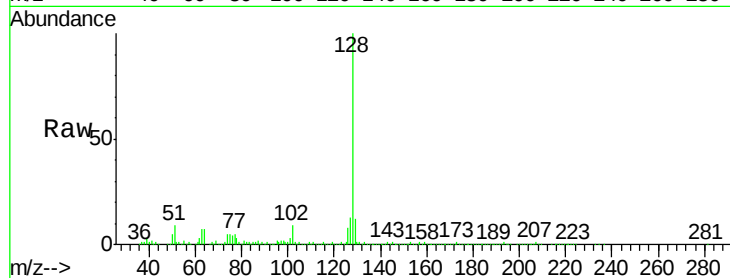




#95
Naphthalene
Concen: 57.053 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 363129
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.170 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010759.D
Acq: 10 Jun 2019 21:38

Tgt Ion:180 Resp: 158407
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 35.9 16.1 48.3

