

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010627.D
 Acq On : 30 May 2019 21:00
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 07:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	206192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	68205	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
35) Dibromofluoromethane	7.88	113	69907	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
50) Toluene-d8	10.32	98	264115	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
62) 4-Bromofluorobenzene	12.62	95	104306	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47124	44.807	ug/l	99
3) Chloromethane	2.21	50	52263	42.164	ug/l	97
4) Vinyl Chloride	2.36	62	57671	40.167	ug/l	99
5) Bromomethane	2.76	94	47497	48.086	ug/l	97
6) Chloroethane	2.91	64	41014	44.499	ug/l	97
7) Trichlorofluoromethane	3.26	101	109544	51.678	ug/l	96
8) Diethyl Ether	3.68	74	36698	54.615	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	68361	52.367	ug/l	99
10) Methyl Iodide	4.27	142	61337	41.108	ug/l	98
11) Tert butyl alcohol	5.19	59	26250	239.657	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	64800	52.001	ug/l	93
13) Acrolein	3.90	56	16776	264.112	ug/l	96
14) Allyl chloride	4.67	41	89121	49.408	ug/l	99
15) Acrylonitrile	5.37	53	73754	262.089	ug/l	98
16) Acetone	4.13	43	54792	220.438	ug/l	99
17) Carbon Disulfide	4.37	76	165865	44.625	ug/l	100
18) Methyl Acetate	4.67	43	33571	55.224	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	177517	55.880	ug/l	98
20) Methylene Chloride	4.92	84	69197	47.158	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	75436	52.777	ug/l	98
22) Diisopropyl ether	6.31	45	197196	53.317	ug/l	97
23) Vinyl Acetate	6.26	43	580675	262.831	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119837	54.295	ug/l	99
25) 2-Butanone	7.17	43	93868	263.887	ug/l	97
26) 2,2-Dichloropropane	7.17	77	102501	48.754	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	85746	55.180	ug/l	98
28) Bromochloromethane	7.51	49	45938	58.132	ug/l	95
29) Tetrahydrofuran	7.52	42	62641	260.243	ug/l	98
30) Chloroform	7.68	83	134879	56.655	ug/l	99
31) Cyclohexane	7.95	56	108875	47.092	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	121139	53.238	ug/l	98
36) 1,1-Dichloropropene	8.08	75	100275	52.205	ug/l	99
37) Ethyl Acetate	7.25	43	42950	52.583	ug/l	97
38) Carbon Tetrachloride	8.07	117	108375	52.304	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	129286	50.240	ug/l	96
40) Benzene	8.32	78	292006	54.696	ug/l	99
41) Methacrylonitrile	7.48	41	24052	49.558	ug/l	99
42) 1,2-Dichloroethane	8.40	62	83894	54.982	ug/l	99
43) Isopropyl Acetate	8.43	43	85208	52.217	ug/l	98
44) Trichloroethene	9.09	130	87308	55.086	ug/l	99
45) 1,2-Dichloropropane	9.37	63	69018	54.434	ug/l	97
46) Dibromomethane	9.46	93	42102	56.779	ug/l	96
47) Bromodichloromethane	9.65	83	100704	54.043	ug/l	100
48) Methyl methacrylate	9.43	41	38517	51.595	ug/l	97
49) 1,4-Dioxane	9.45	88	11180	922.970	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	223317	270.074	ug/l	99
52) Toluene	10.39	92	195693	54.581	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	98628	52.261	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	115270	53.482	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	60914	57.126	ug/l	98
56) Ethyl methacrylate	10.65	69	79161	53.829	ug/l	98
57) 1,3-Dichloropropane	10.93	76	101034	56.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	178491	274.021	ug/l	97
59) 2-Hexanone	10.97	43	151926	257.568	ug/l	98
60) Dibromochloromethane	11.13	129	75385	55.861	ug/l	100
61) 1,2-Dibromoethane	11.23	107	61650	57.075	ug/l	99
64) Tetrachloroethene	10.86	164	78368	60.710	ug/l	97
65) Chlorobenzene	11.66	112	218914	55.469	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	78493	55.521	ug/l	100
67) Ethyl Benzene	11.73	91	371280	53.285	ug/l	100
68) m/p-Xylenes	11.84	106	292439	107.003	ug/l	98
69) o-Xylene	12.16	106	140446	54.239	ug/l	98
70) Styrene	12.18	104	242238	55.136	ug/l	98
71) Bromoform	12.35	173	41650	53.498	ug/l #	100
73) Isopropylbenzene	12.46	105	374270	51.531	ug/l	100
74) N-amyl acetate	12.27	43	80610	48.433	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	69398	52.532	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86623	93.237	ug/l #	1
77) Bromobenzene	12.75	156	90943	55.953	ug/l	96
78) n-propylbenzene	12.80	91	426353	50.371	ug/l	99
79) 2-Chlorotoluene	12.90	91	254103	51.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	312381	50.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	20398	45.821	ug/l	96
82) 4-Chlorotoluene	12.99	91	262158	51.455	ug/l	99
83) tert-Butylbenzene	13.21	119	272865	50.782	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	311104	50.779	ug/l	100
85) sec-Butylbenzene	13.38	105	377917	50.258	ug/l	99
86) p-Isopropyltoluene	13.50	119	341822	50.222	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	171753	53.861	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	173069	54.094	ug/l	100
89) n-Butylbenzene	13.83	91	314258	48.542	ug/l	99
90) Hexachloroethane	14.10	117	66810	50.714	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	157468	54.196	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11868	48.314	ug/l	98

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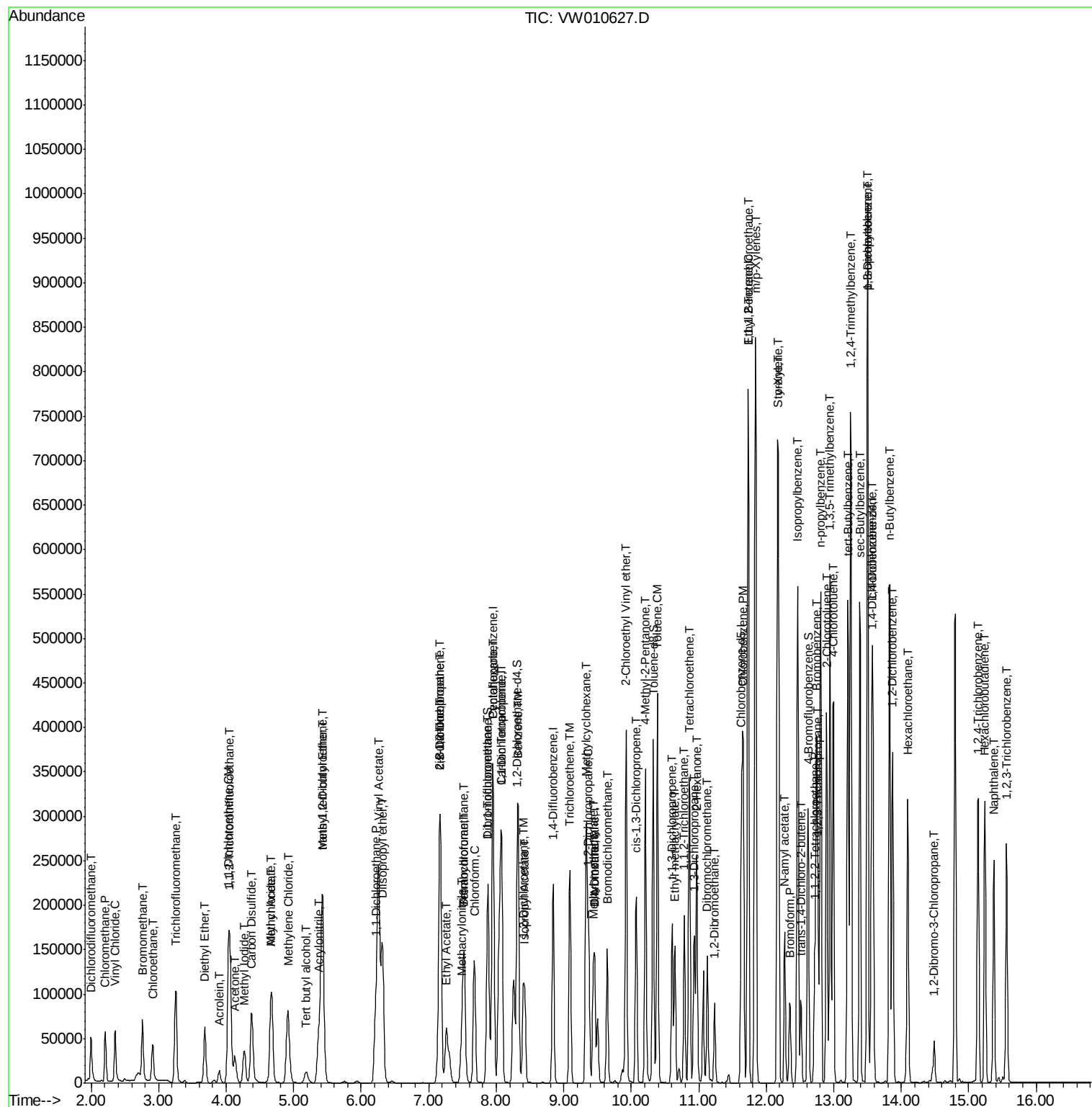
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106253	53.748	ug/l	100
94) Hexachlorobutadiene	15.24	225	56410	53.414	ug/l	99
95) Naphthalene	15.37	128	217411	52.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92241	54.226	ug/l	99

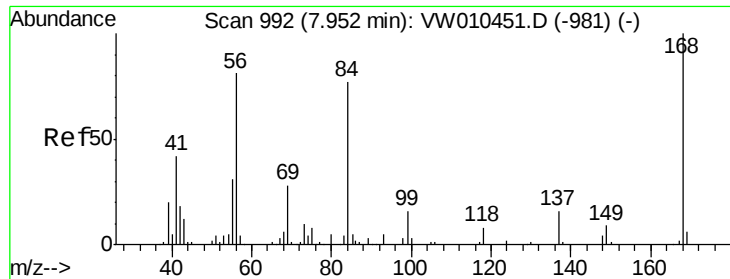
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

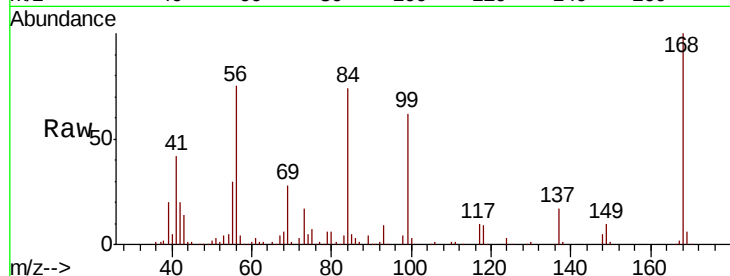
VSTDCCC050EC

Tot Ion:168 Resp: 117975

Ion Ratio Lower Upper

168 100

99 61.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

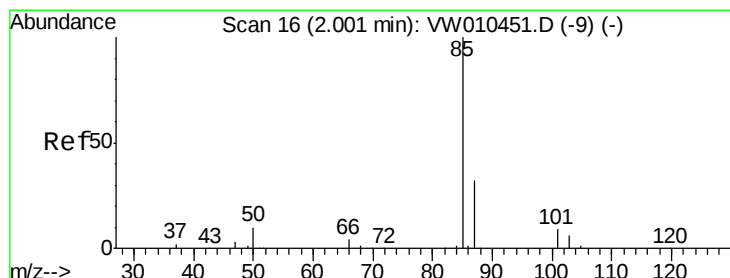
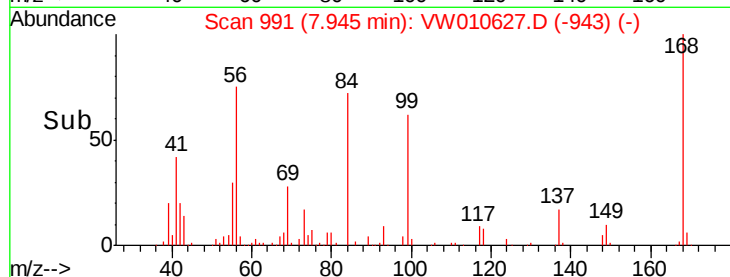
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 44.807 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010627.D

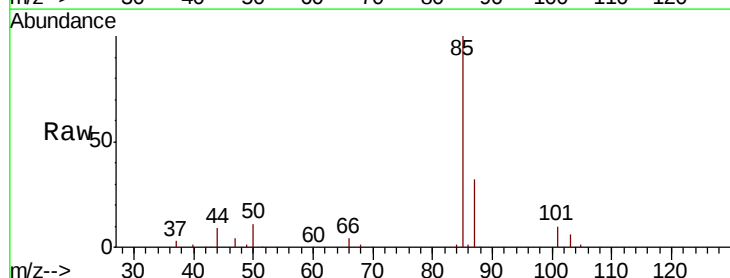
Acq: 30 May 2019 21:00

Tgt Ion: 85 Resp: 47124

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

10000

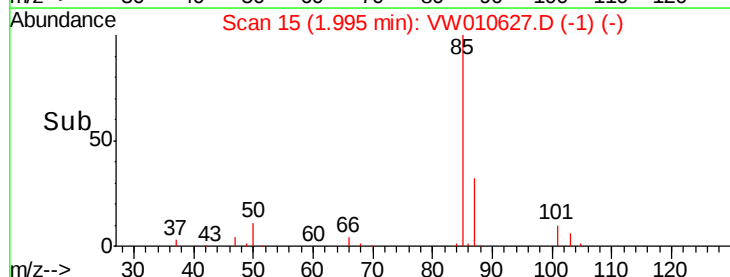
5000

0

Time-->

1.90

2.10





#3

Chloromethane

Concen: 42.164 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

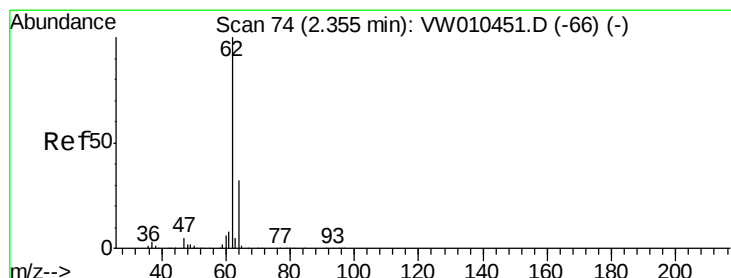
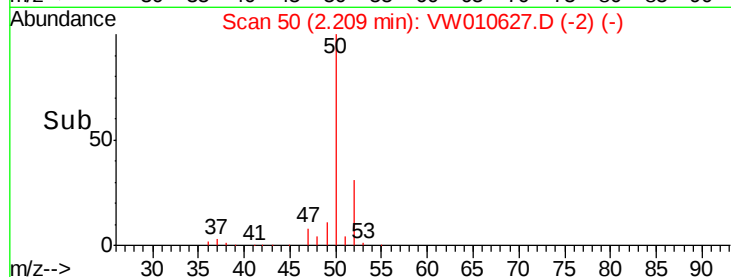
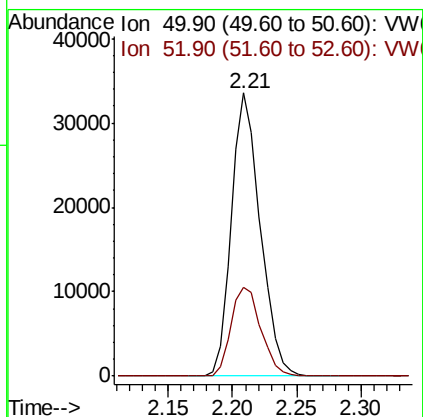
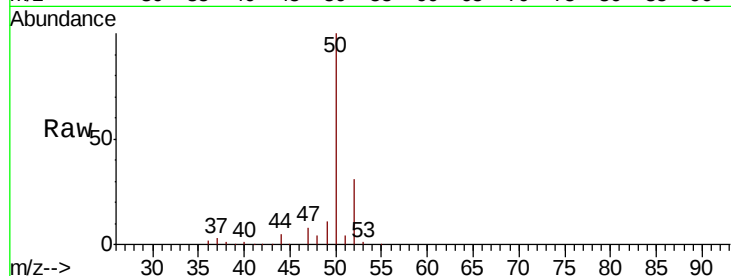
VSTDCCC050EC

Tot Ion: 50 Resp: 52263

Ion Ratio Lower Upper

50 100

52 31.4 26.3 39.5



#4

Vinyl Chloride

Concen: 40.167 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010627.D

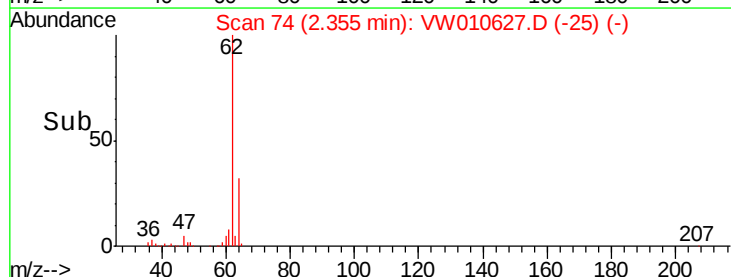
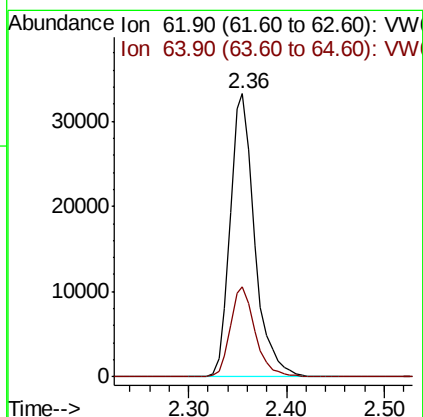
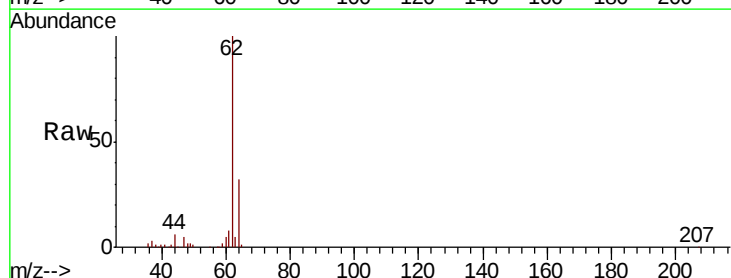
Acq: 30 May 2019 21:00

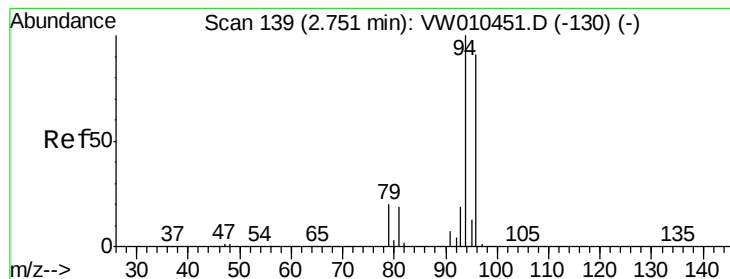
Tgt Ion: 62 Resp: 57671

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 48.086 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

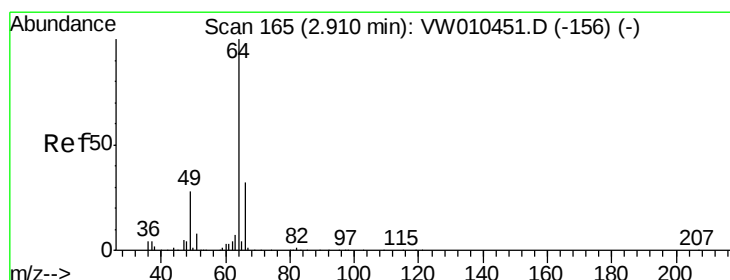
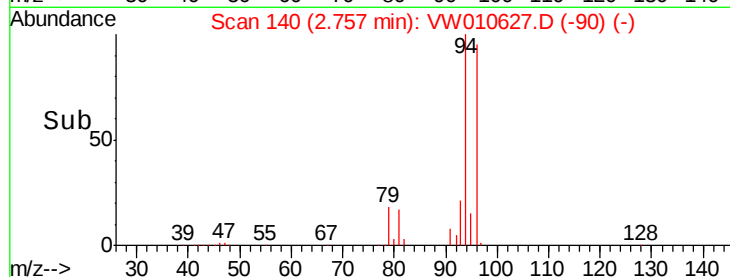
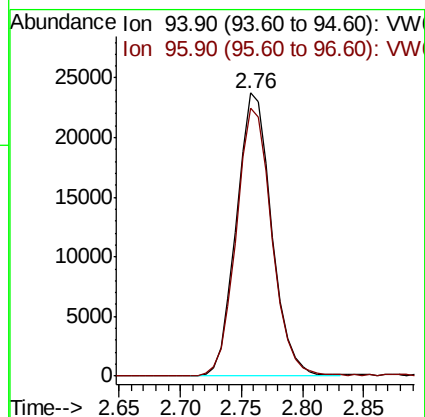
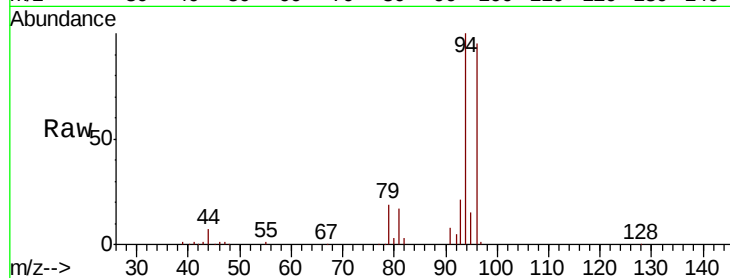
VSTDCCC050EC

Tot Ion: 94 Resp: 47497

Ion Ratio Lower Upper

94 100

96 94.3 72.9 109.3



#6

Chloroethane

Concen: 44.499 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010627.D

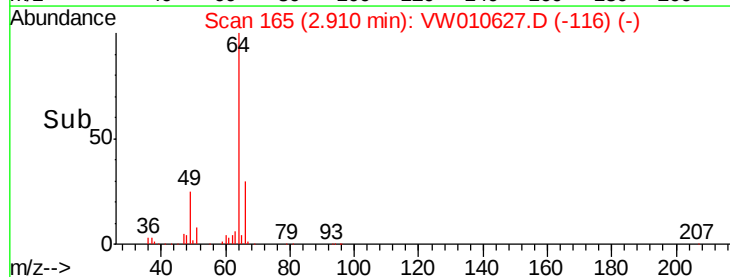
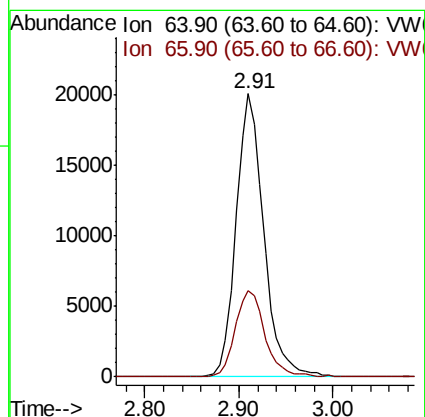
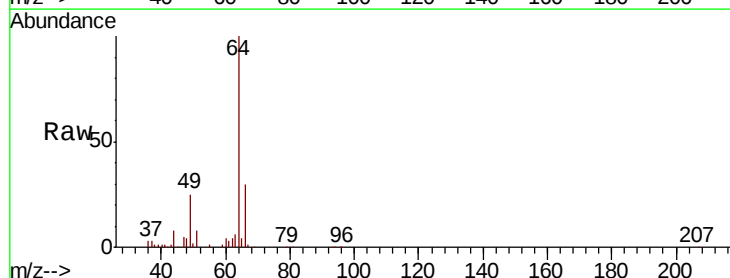
Acq: 30 May 2019 21:00

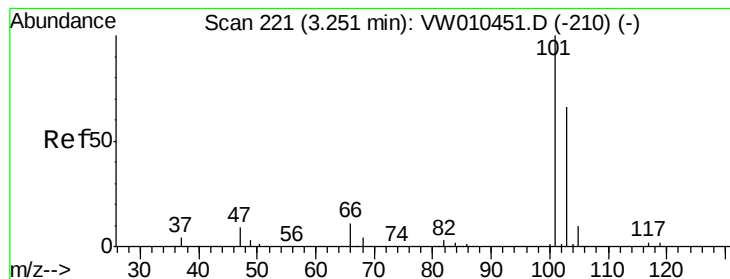
Tgt Ion: 64 Resp: 41014

Ion Ratio Lower Upper

64 100

66 30.4 25.5 38.3



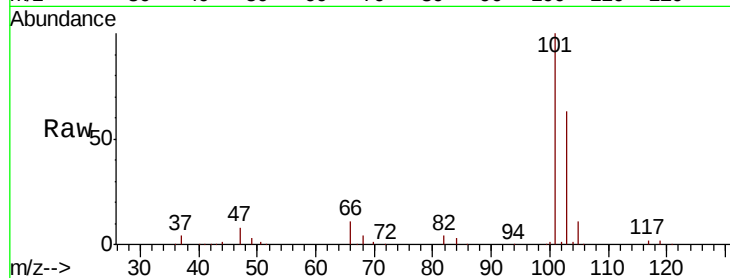


#7

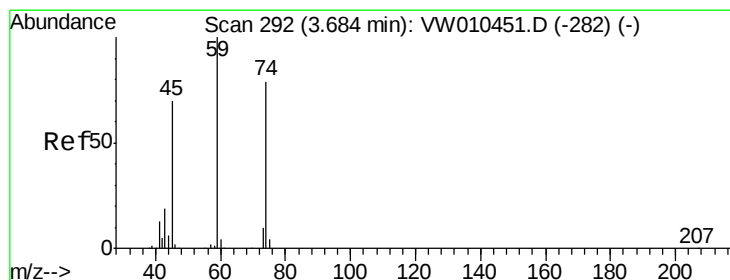
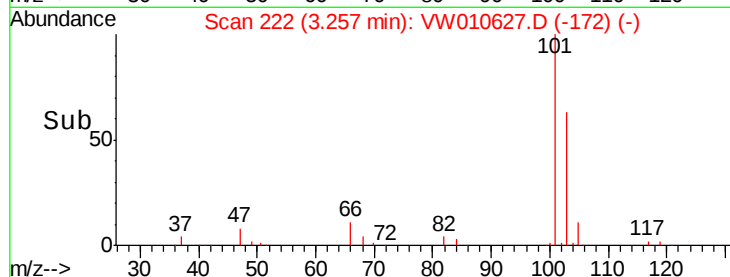
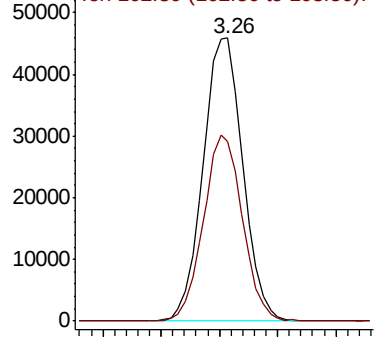
Trichlorofluoromethane
Concen: 51.678 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Instrument :
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Tot Ion:101 Resp: 109544
Ion Ratio Lower Upper
101 100
103 63.3 53.0 79.4



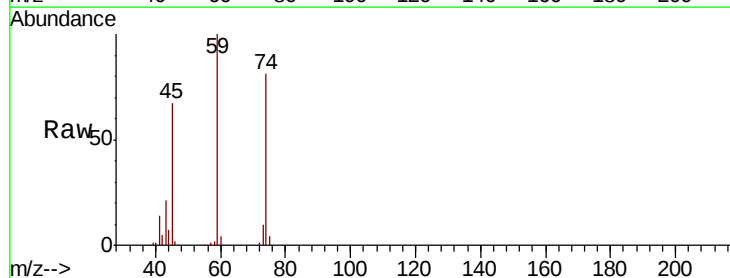
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



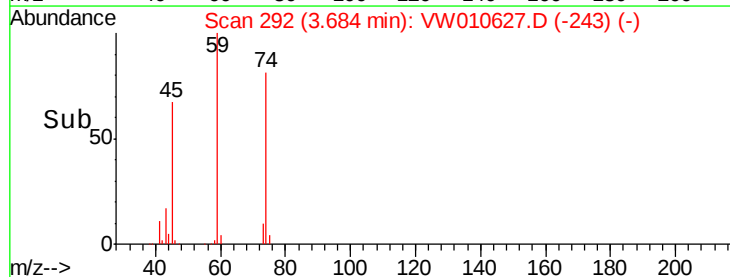
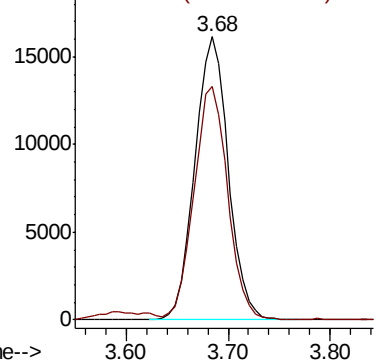
#8

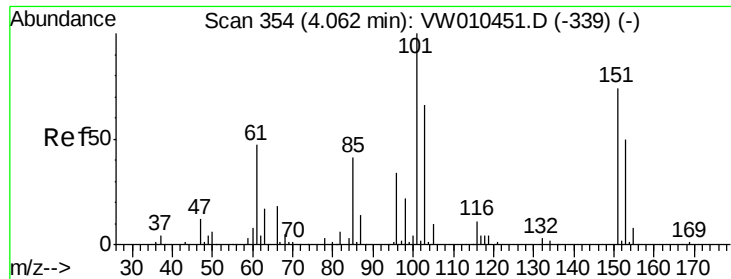
Diethyl Ether
Concen: 54.615 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 74 Resp: 36698
Ion Ratio Lower Upper
74 100
45 83.1 42.9 128.5



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.367 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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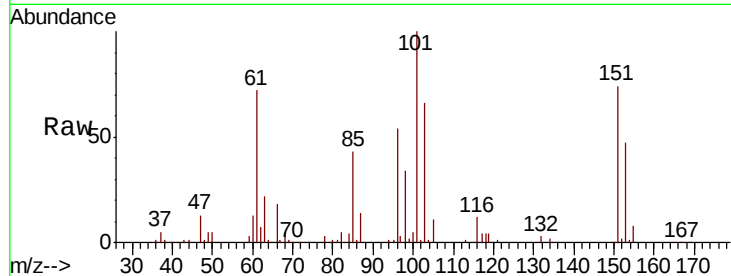
Tot Ion:101 Resp: 68361

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

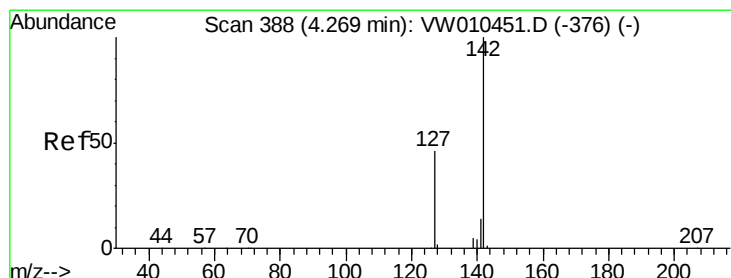
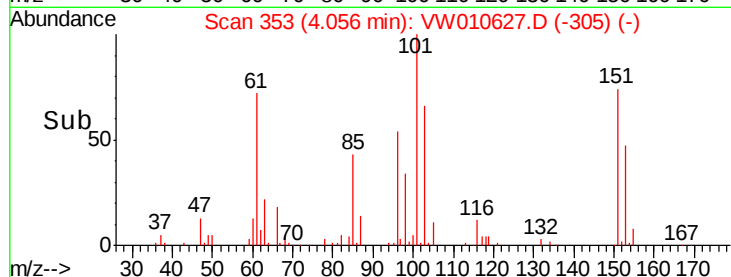
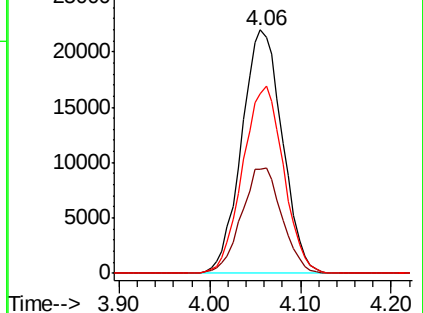
151 77.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.108 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

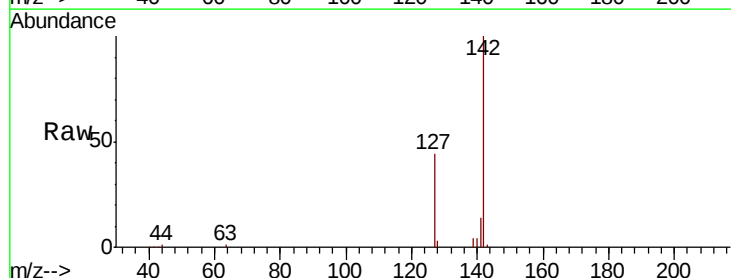
Tgt Ion:142 Resp: 61337

Ion Ratio Lower Upper

142 100

127 43.8 36.1 54.1

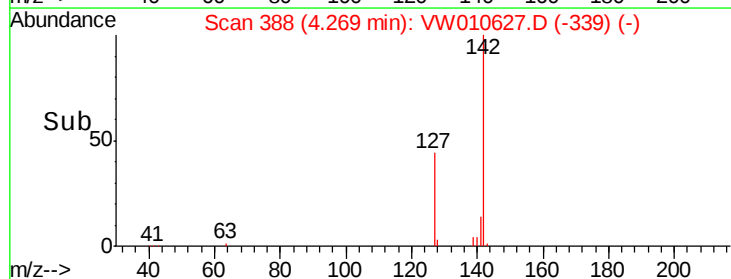
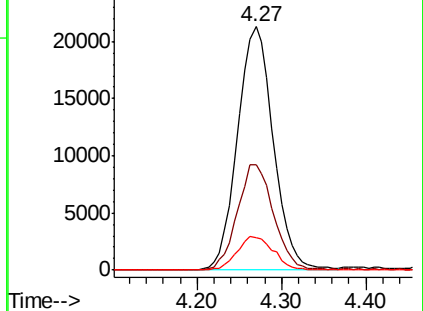
141 14.0 11.3 16.9

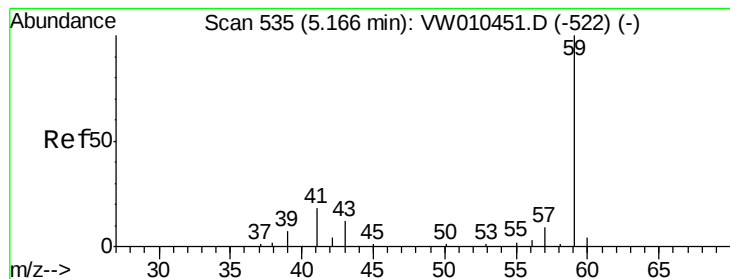


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



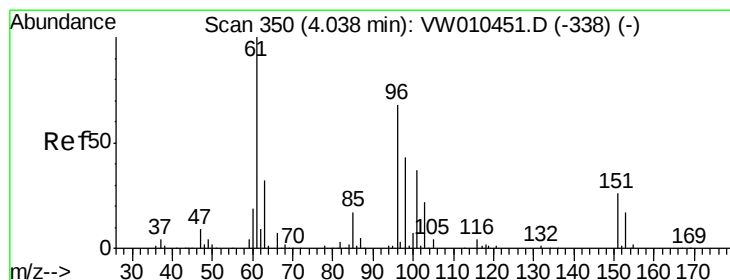
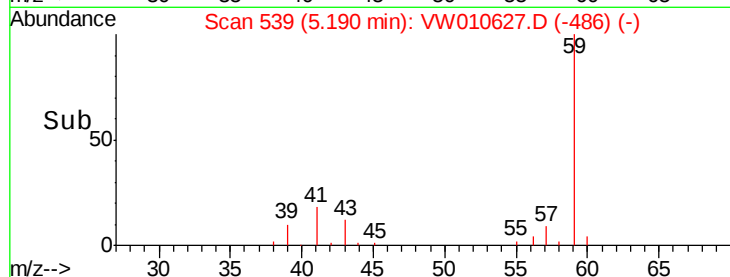
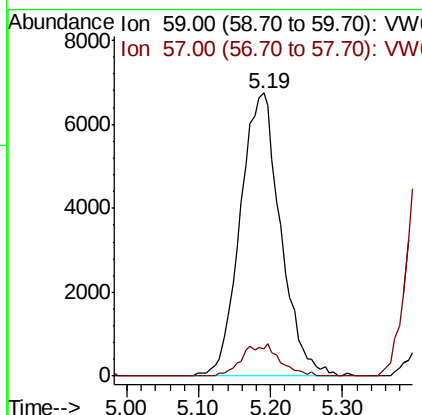
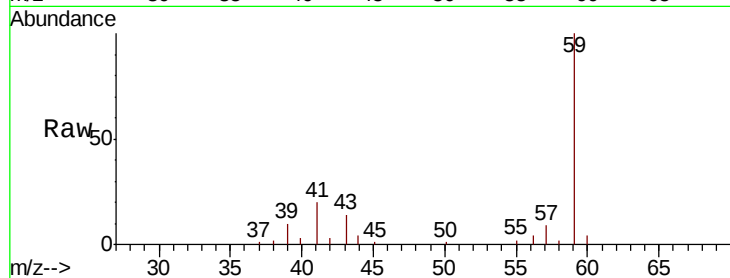


#11

Tert butyl alcohol
 Concen: 239.657 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

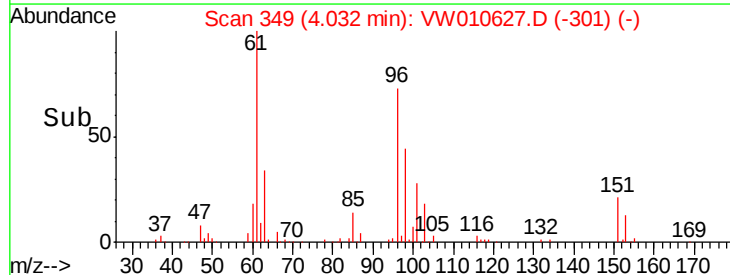
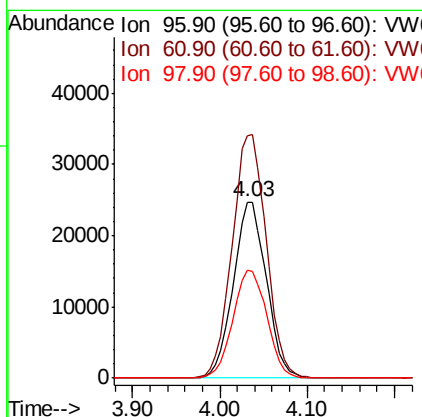
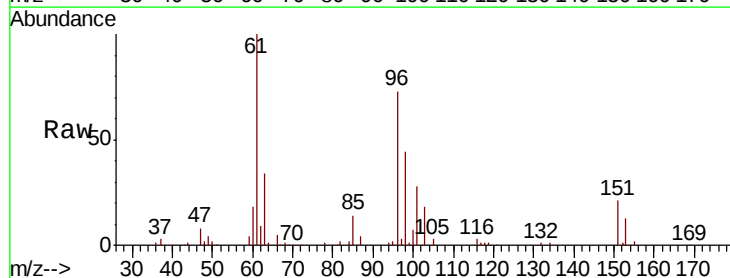
Tot Ion: 59 Resp: 26250
 Ion Ratio Lower Upper
 59 100
 57 4.3 8.8 13.2#

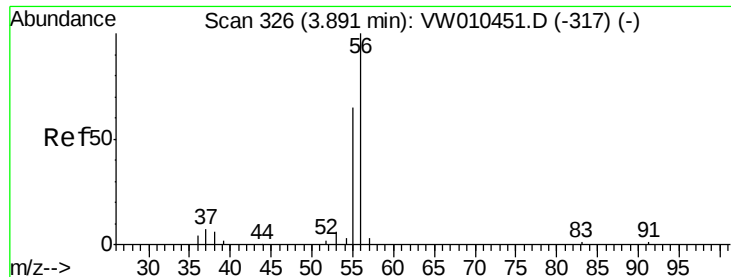


#12

1,1-Dichloroethene
 Concen: 52.001 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 96 Resp: 64800
 Ion Ratio Lower Upper
 96 100
 61 137.6 118.3 177.5
 98 60.9 51.0 76.6

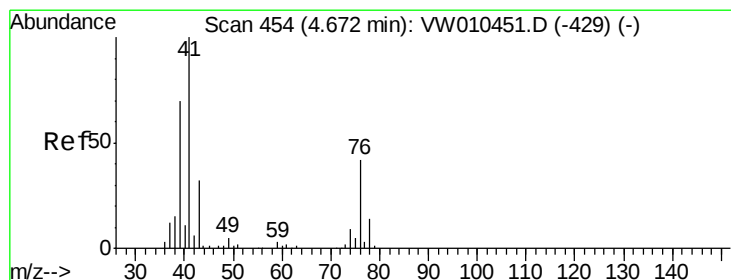
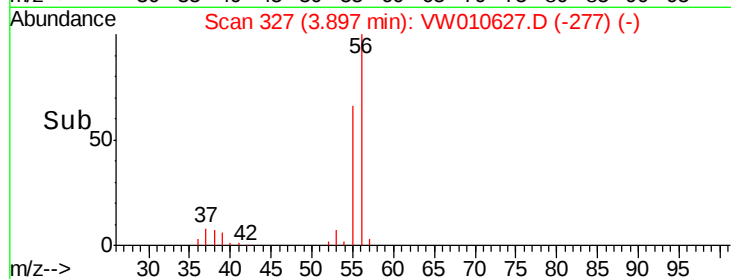
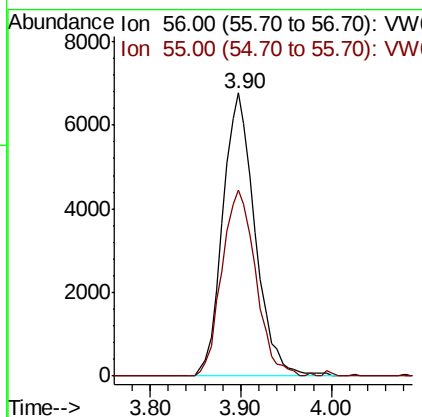
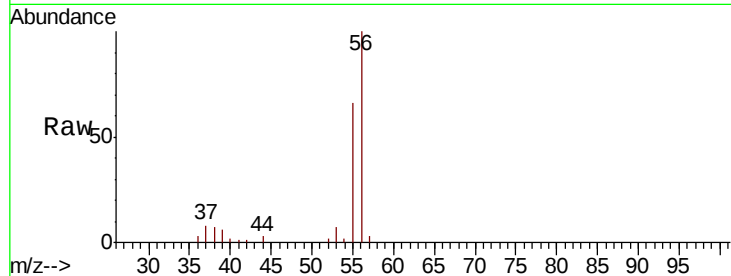




#13
 Acrolein
 Concen: 264.112 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

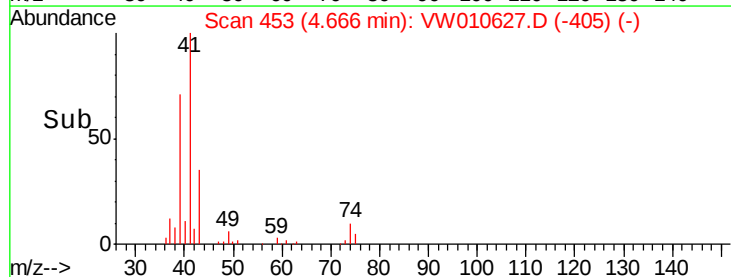
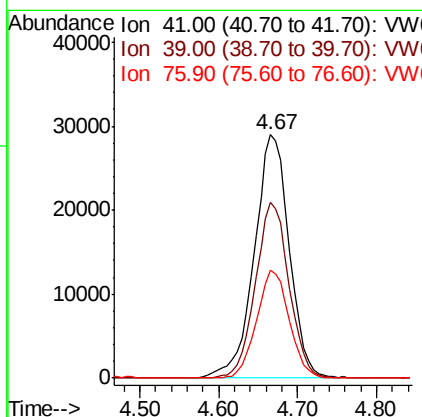
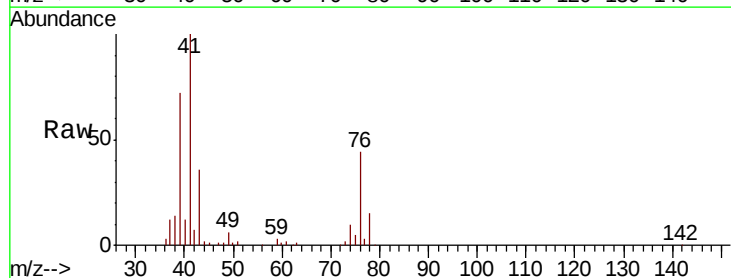
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

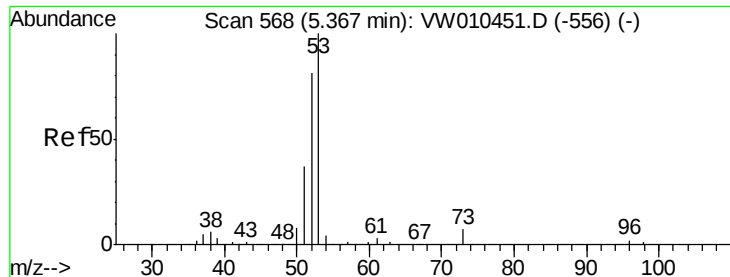
Tot Ion: 56 Resp: 16776
 Ion Ratio Lower Upper
 56 100
 55 68.9 57.9 86.9



#14
 Allyl chloride
 Concen: 49.408 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 41 Resp: 89121
 Ion Ratio Lower Upper
 41 100
 39 69.6 55.0 82.4
 76 41.5 32.8 49.2





#15

Acrylonitrile

Concen: 262.089 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

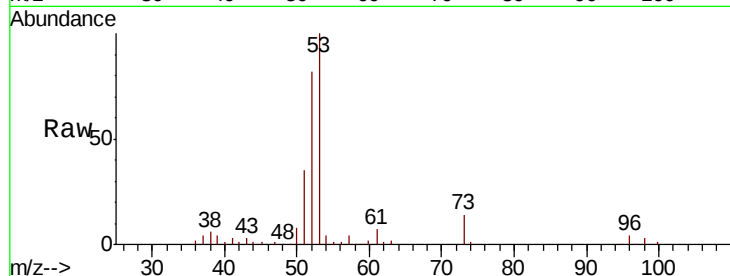
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 73754

Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.6	98.4
51	36.4	29.5	44.3

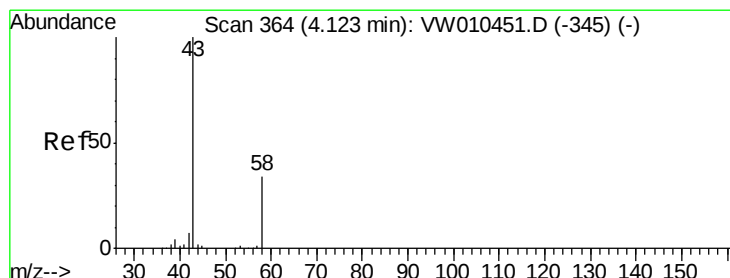
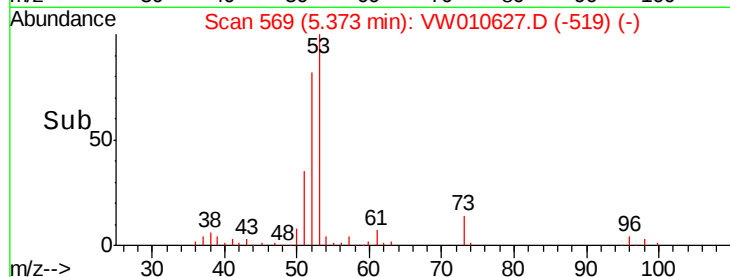
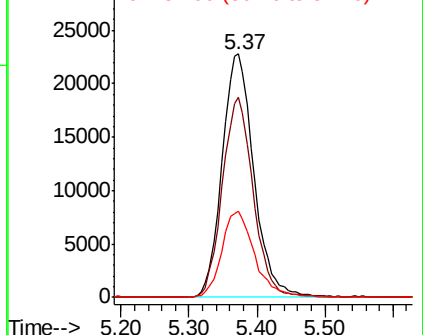


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 220.438 ug/l

RT: 4.13 min Scan# 365

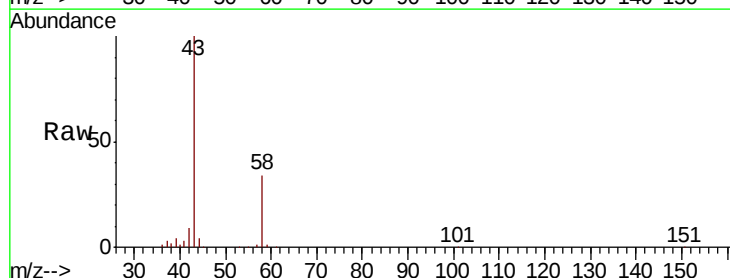
Delta R.T. 0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Tgt Ion: 43 Resp: 54792

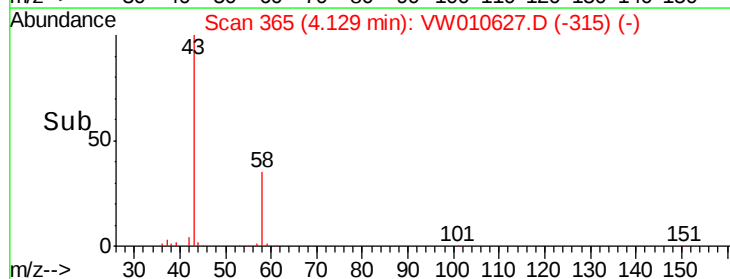
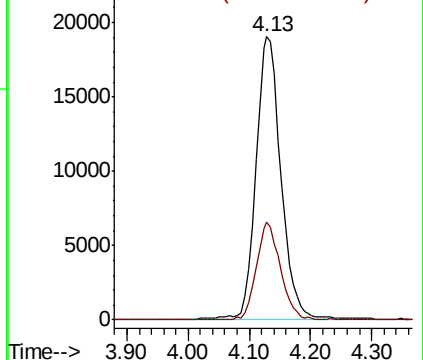
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.0	40.4

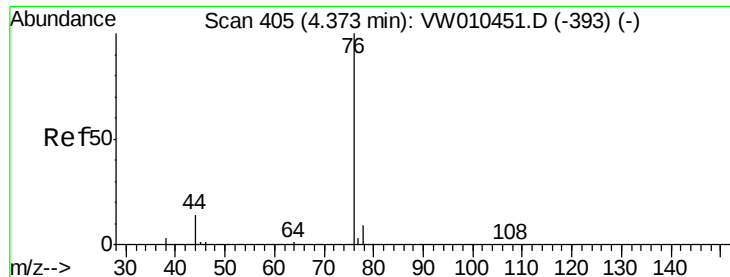


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

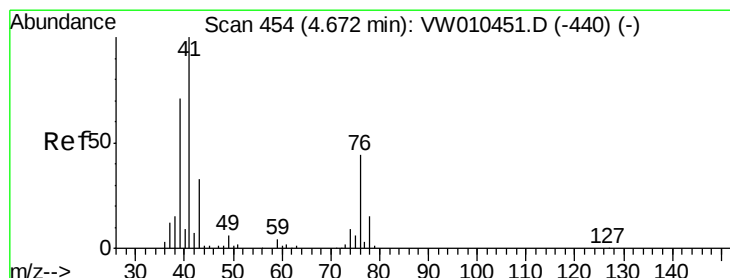
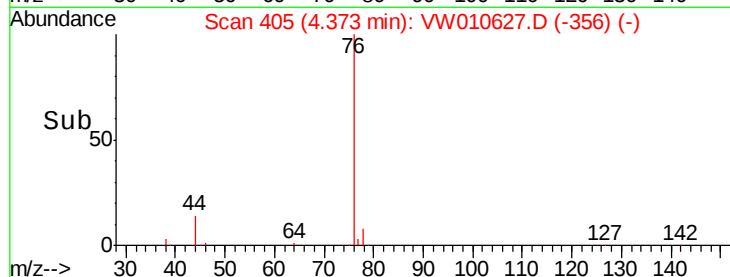
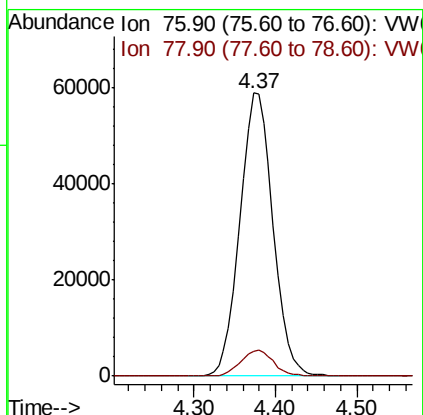
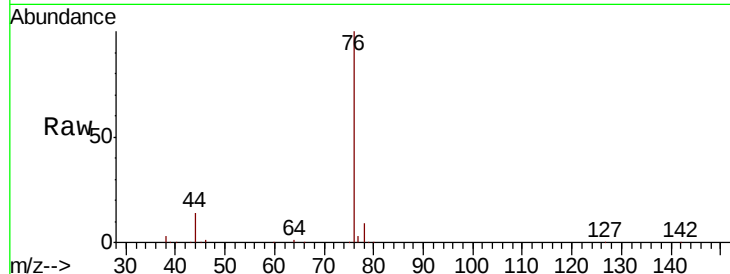




#17
Carbon Disulfide
Concen: 44.625 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

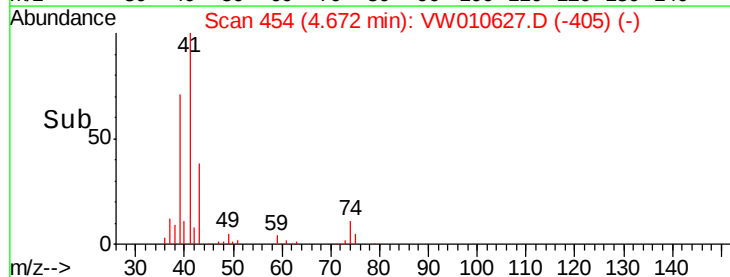
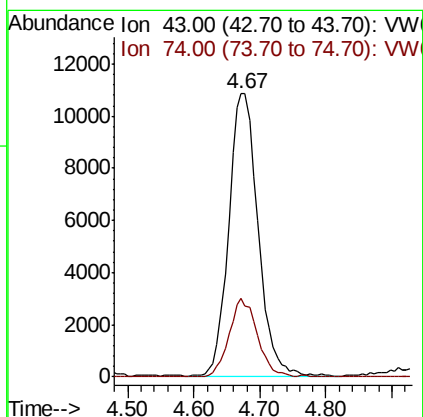
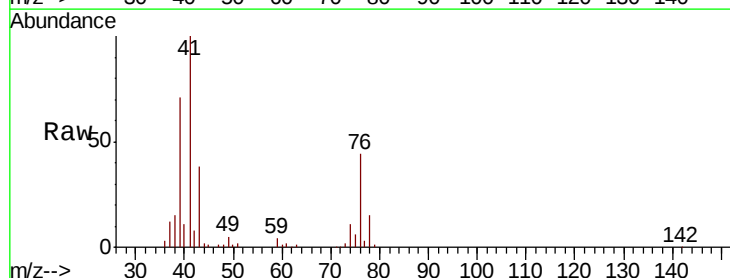
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

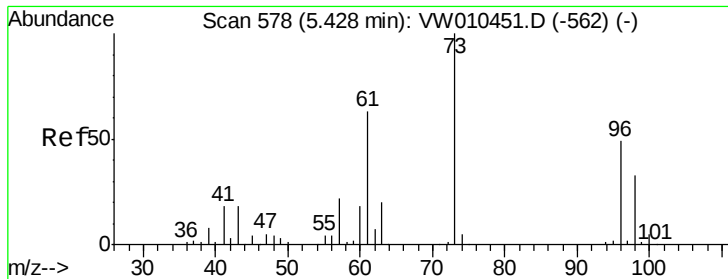
Tot Ion: 76 Resp: 165865
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 55.224 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 43 Resp: 33571
Ion Ratio Lower Upper
43 100
74 26.3 21.6 32.4

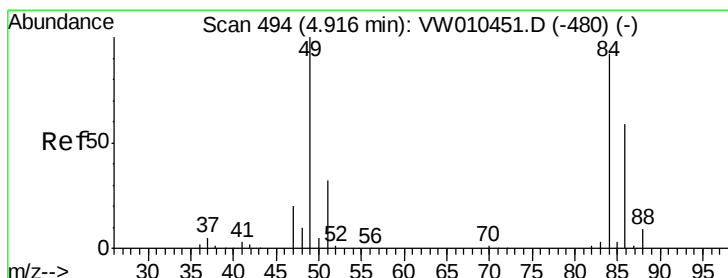
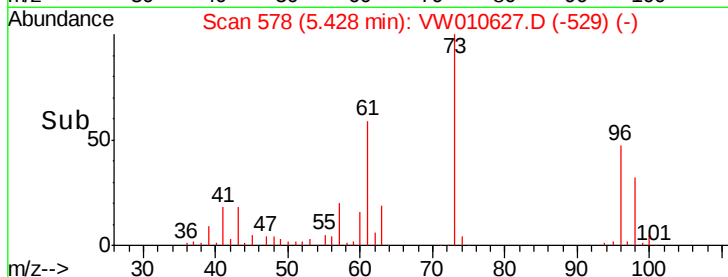
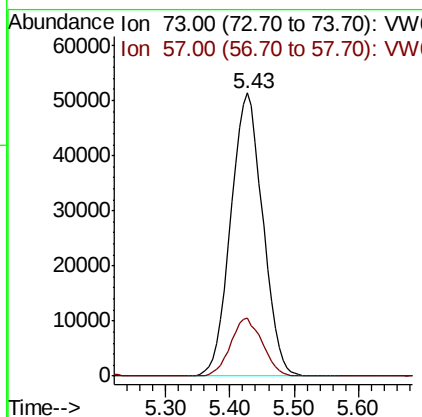
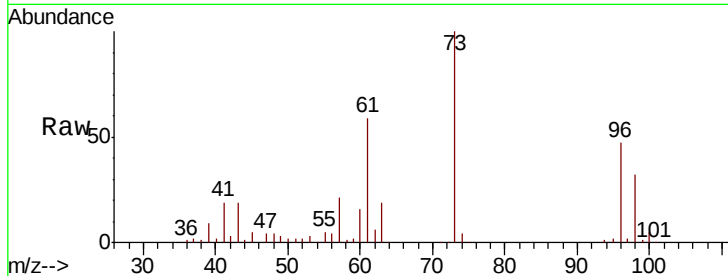




#19
Methyl tert-butyl Ether
Concen: 55.880 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

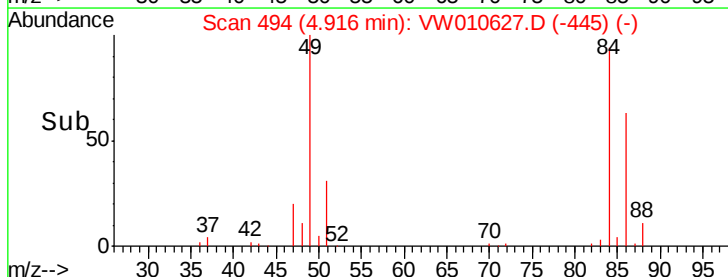
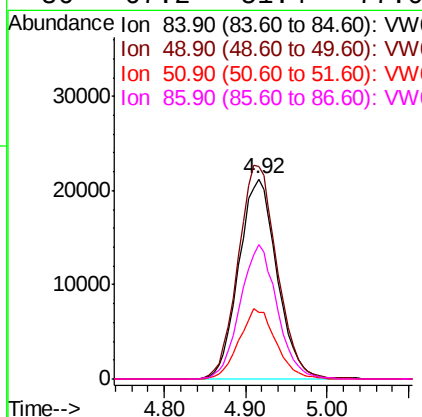
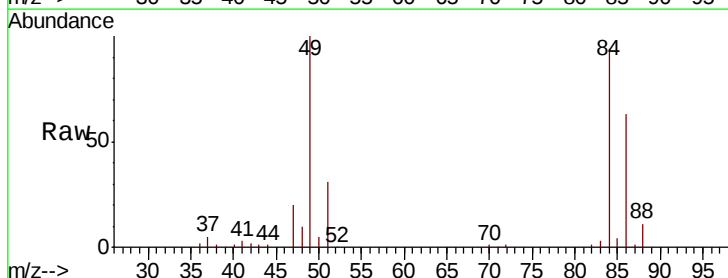
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

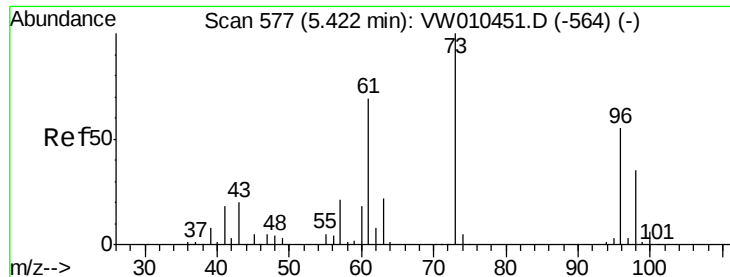
Tot Ion: 73 Resp: 177517
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#20
Methylene Chloride
Concen: 47.158 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 84 Resp: 69197
Ion Ratio Lower Upper
84 100
49 106.4 87.2 130.8
51 33.1 27.7 41.5
86 67.2 51.4 77.0

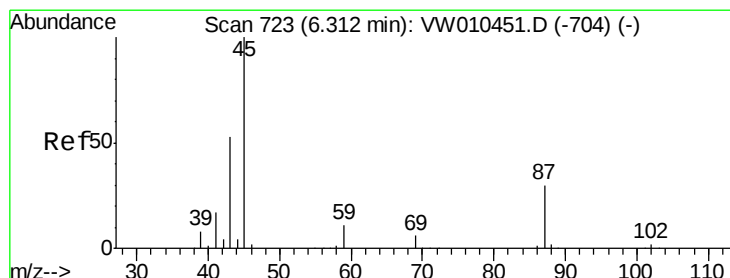
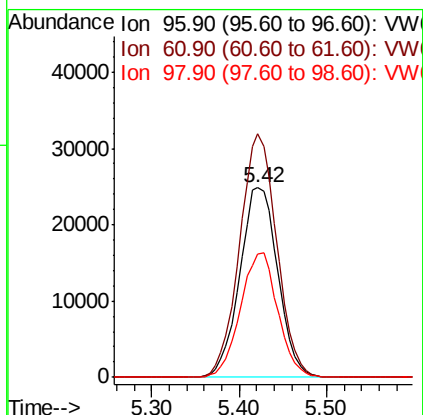
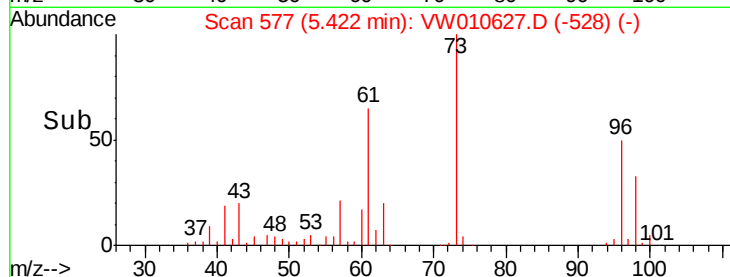
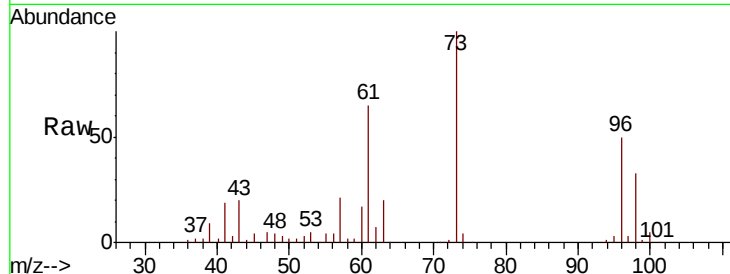




#21
trans-1,2-Dichloroethene
Concen: 52.777 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

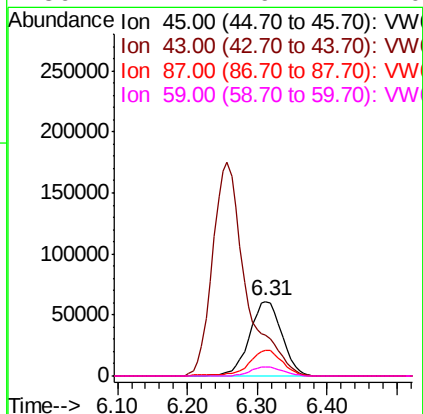
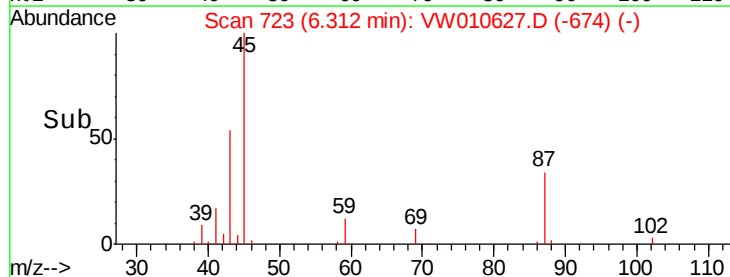
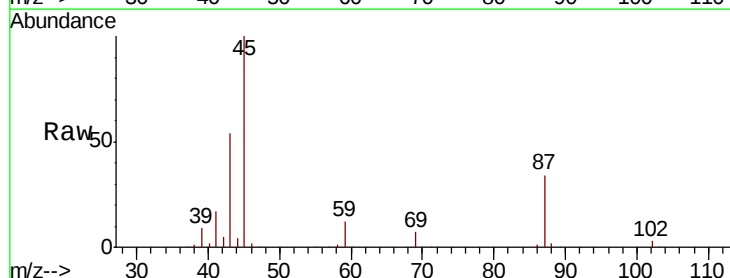
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

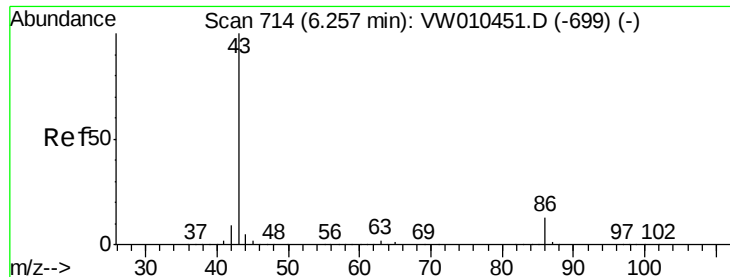
Tot Ion: 96 Resp: 75436
Ion Ratio Lower Upper
96 100
61 128.3 101.4 152.0
98 64.8 50.6 76.0



#22
Diisopropyl ether
Concen: 53.317 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 45 Resp: 197196
Ion Ratio Lower Upper
45 100
43 54.0 42.9 64.3
87 34.3 24.6 36.8
59 12.4 9.4 14.0





#23

Vinyl Acetate

Concen: 262.831 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

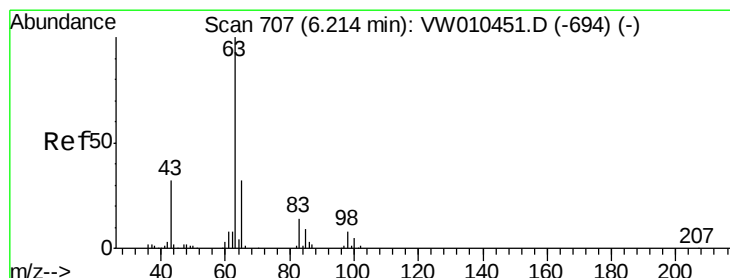
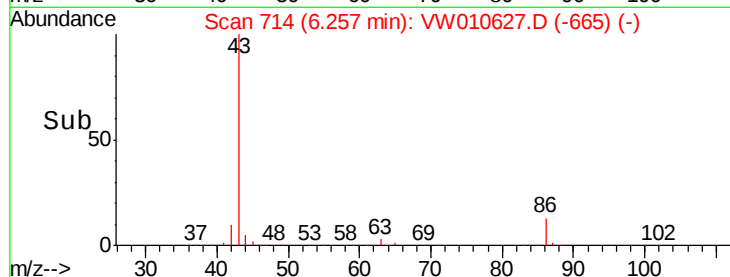
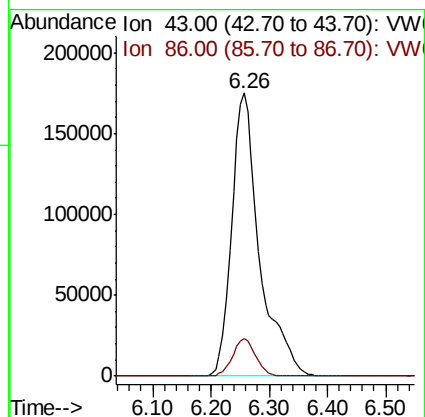
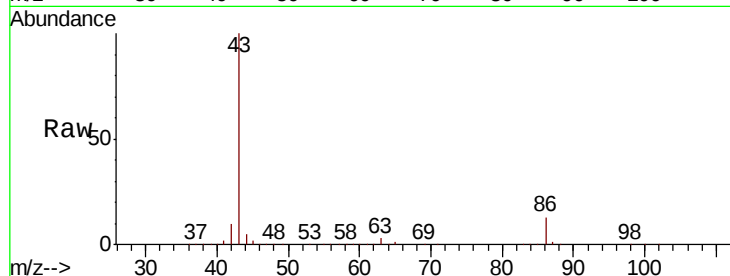
VSTDCCC050EC

Tot Ion: 43 Resp: 580675

Ion Ratio Lower Upper

43 100

86 13.1 10.3 15.5



#24

1,1-Dichloroethane

Concen: 54.295 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

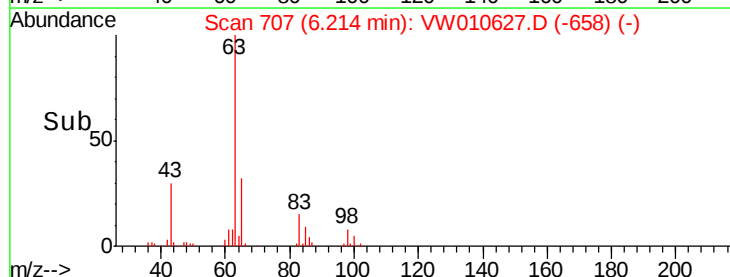
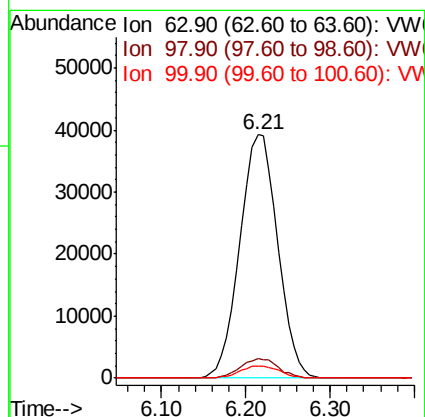
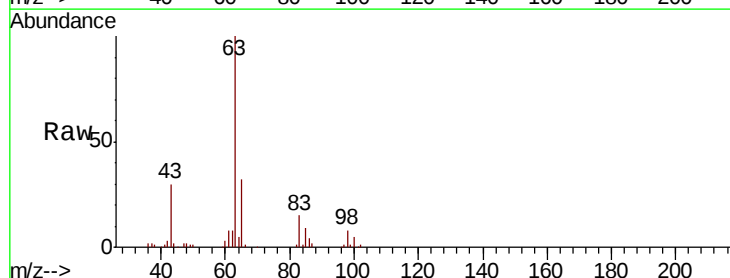
Tgt Ion: 63 Resp: 119837

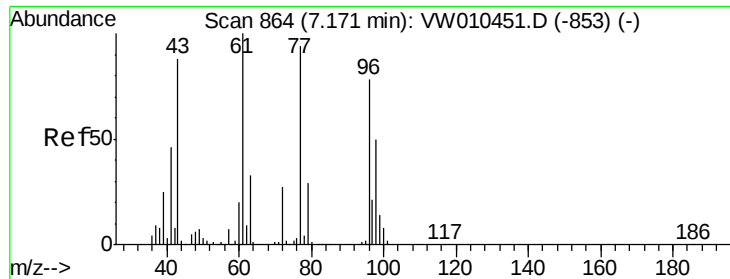
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 263.887 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

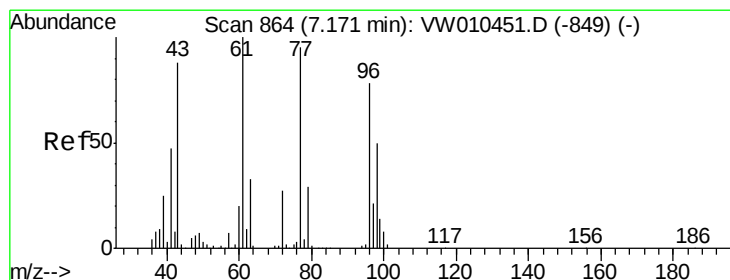
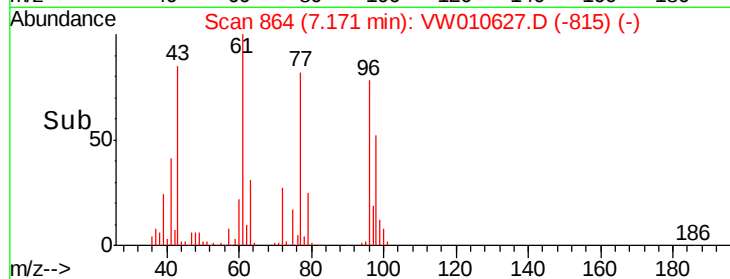
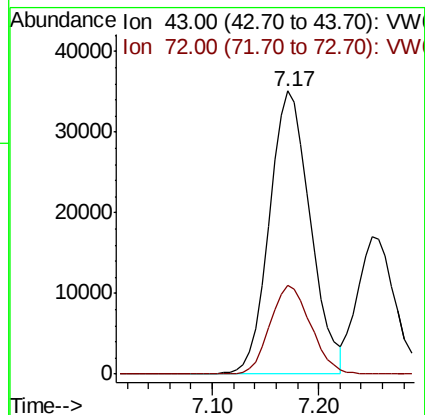
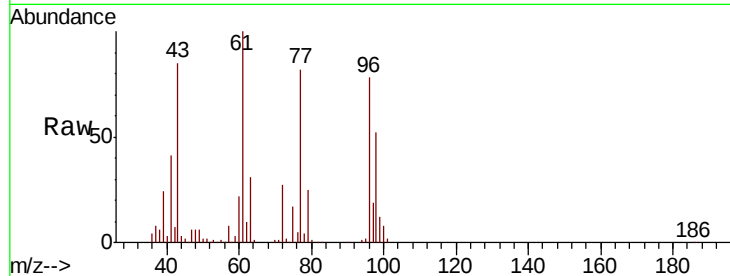
VSTDCCC050EC

Tot Ion: 43 Resp: 93868

Ion Ratio Lower Upper

43 100

72 31.6 24.1 36.1



#26

2,2-Dichloropropane

Concen: 48.754 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010627.D

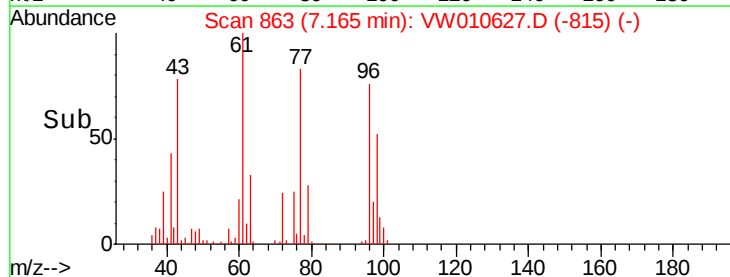
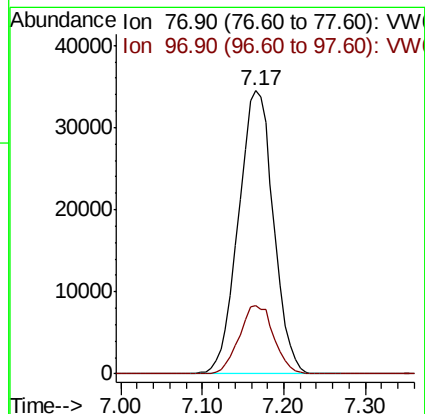
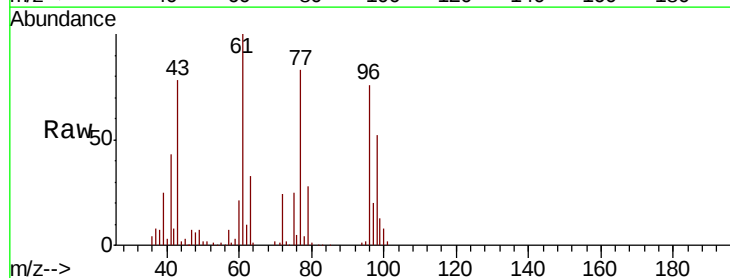
Acq: 30 May 2019 21:00

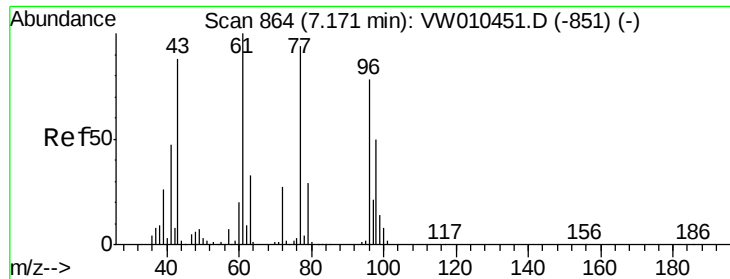
Tgt Ion: 77 Resp: 102501

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0



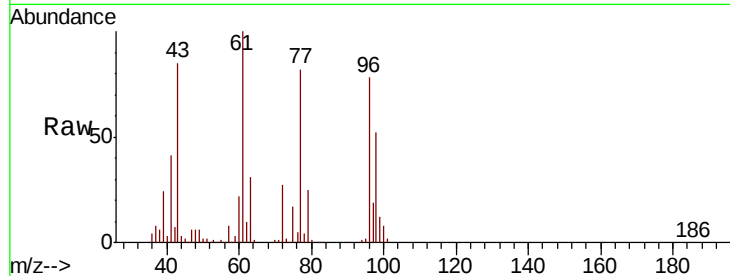


#27

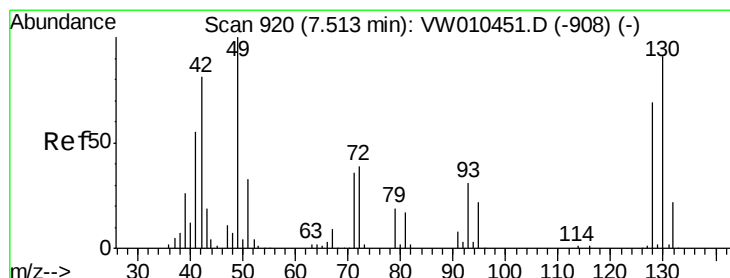
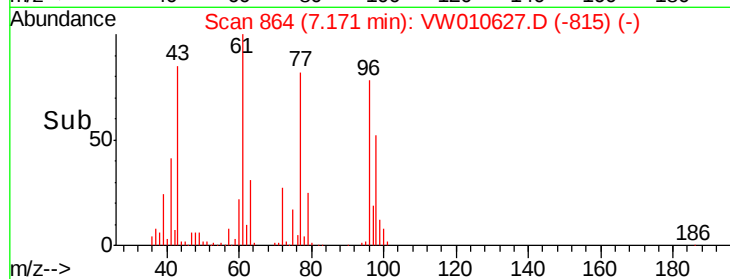
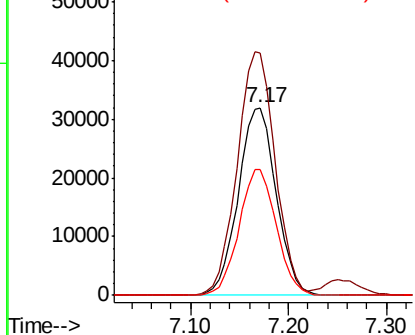
cis-1,2-Dichloroethene
 Concen: 55.180 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 85746
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 265.4
 98 66.2 0.0 129.4



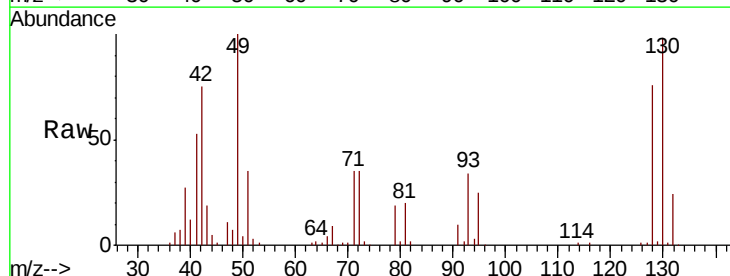
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



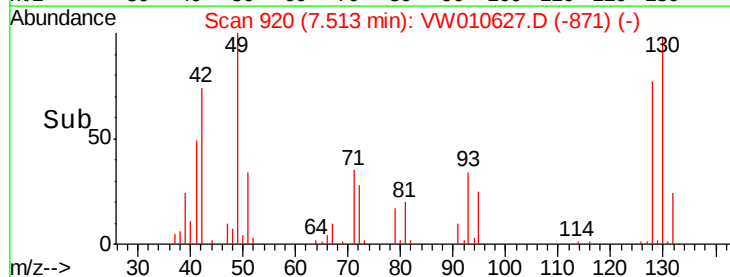
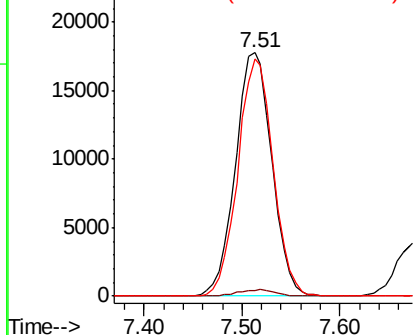
#28

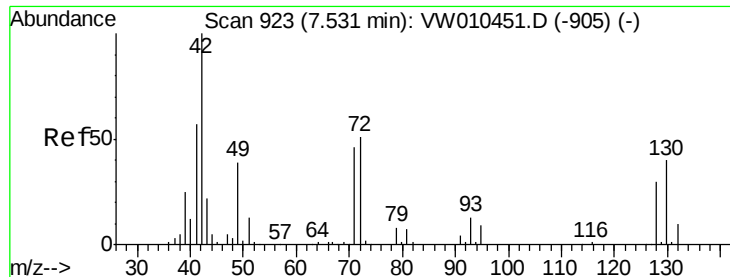
Bromochloromethane
 Concen: 58.132 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 49 Resp: 45938
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 94.1 71.2 106.8



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

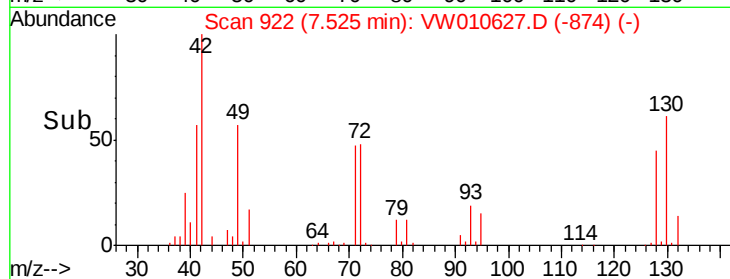
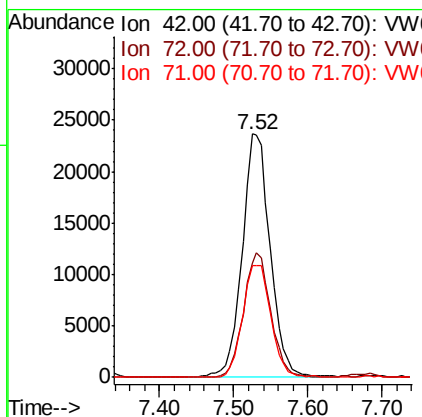
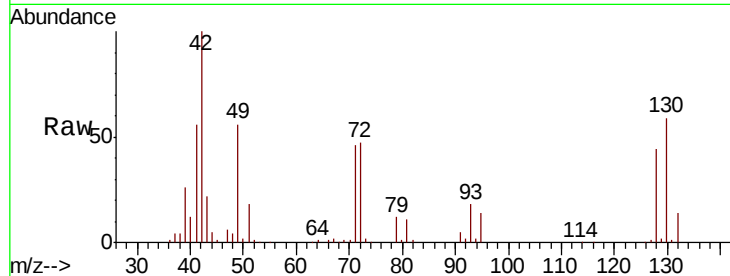




#29
Tetrahydrofuran
Concen: 260.243 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

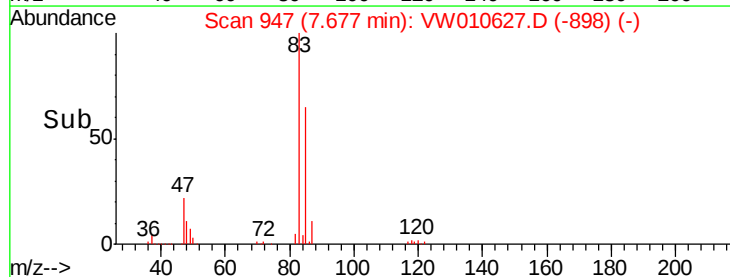
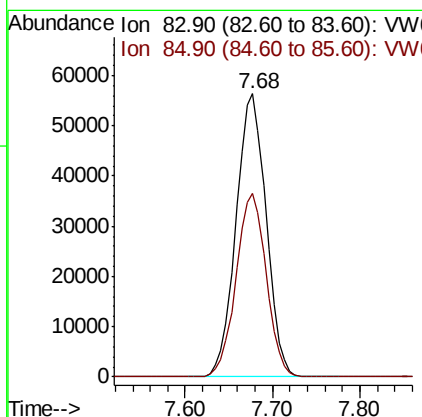
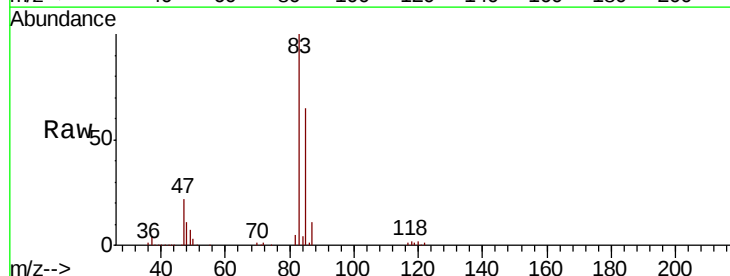
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

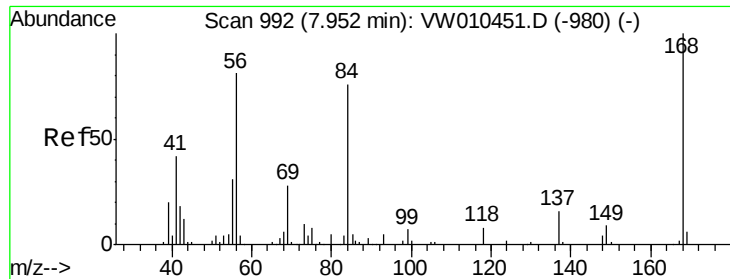
Tot Ion: 42 Resp: 62641
Ion Ratio Lower Upper
42 100
72 49.5 38.5 57.7
71 46.5 36.5 54.7



#30
Chloroform
Concen: 56.655 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 83 Resp: 134879
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4

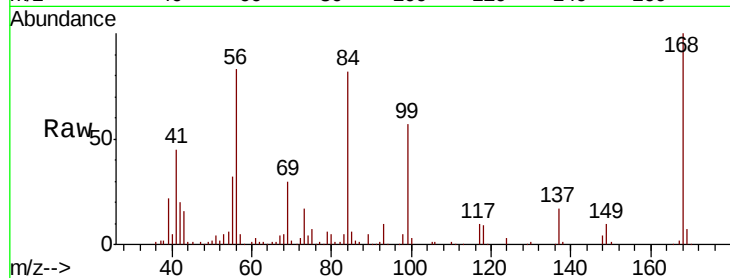




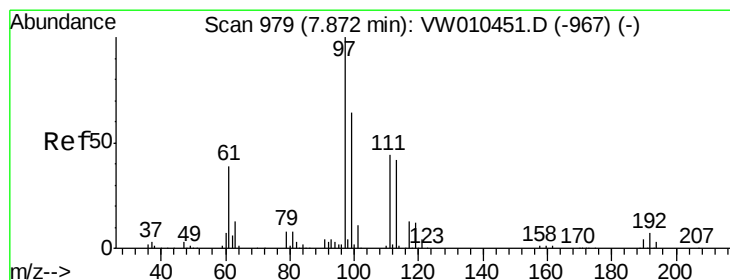
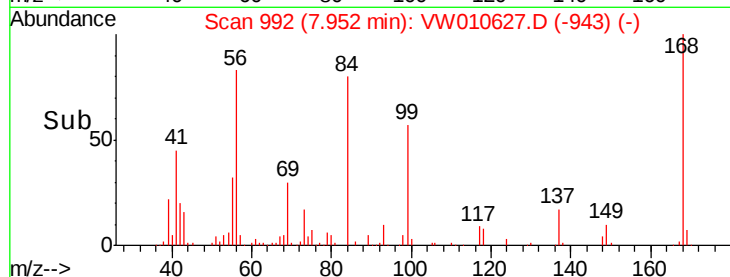
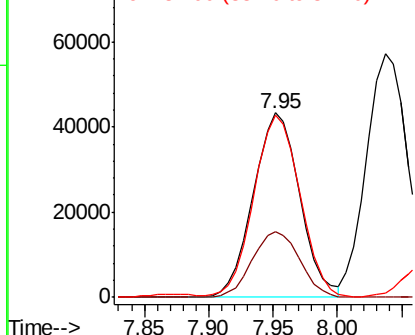
#31
Cyclohexane
Concen: 47.092 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 108875
Ion Ratio Lower Upper
56 100
69 35.5 28.2 42.2
84 97.5 75.8 113.8

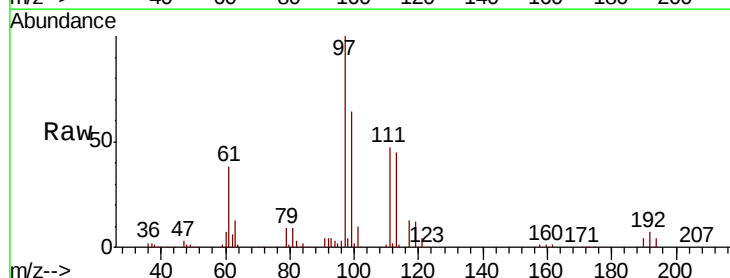


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

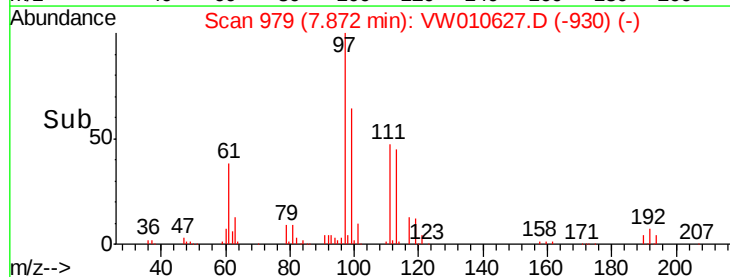
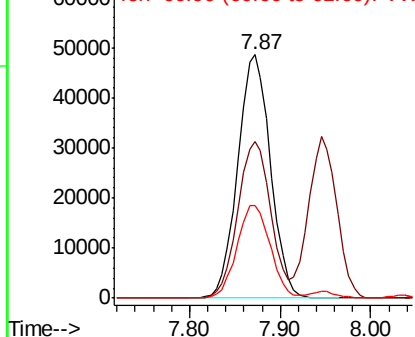


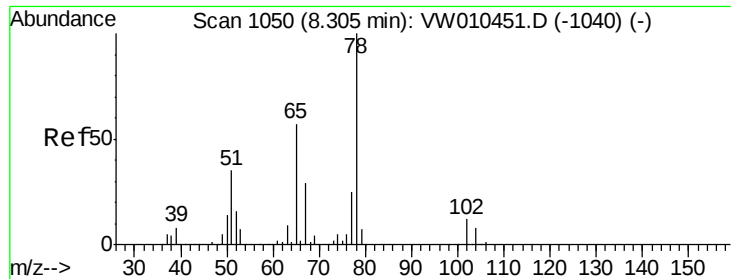
#32
1,1,1-Trichloroethane
Concen: 53.238 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 97 Resp: 121139
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 38.9 32.1 48.1



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

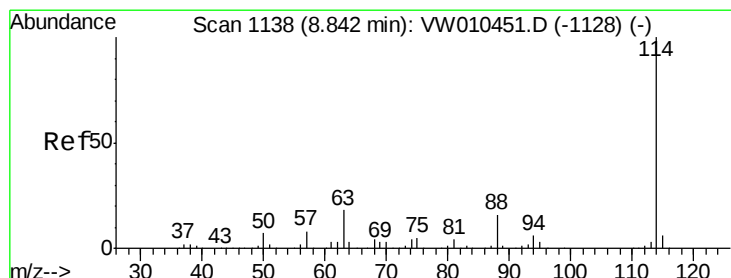
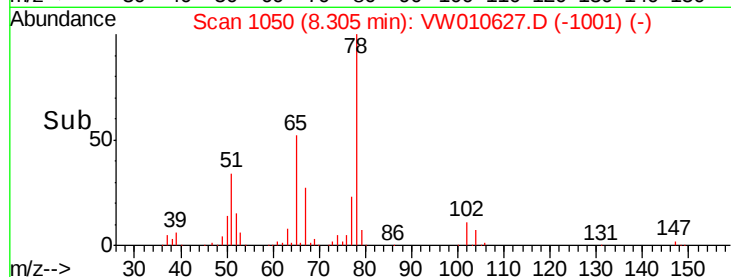
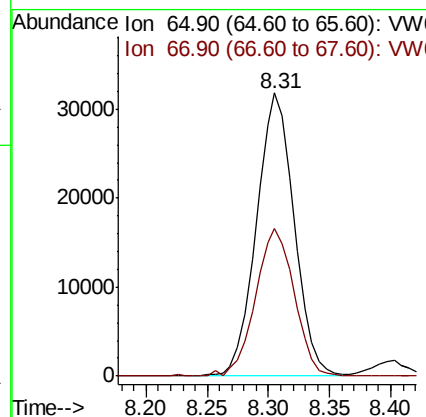
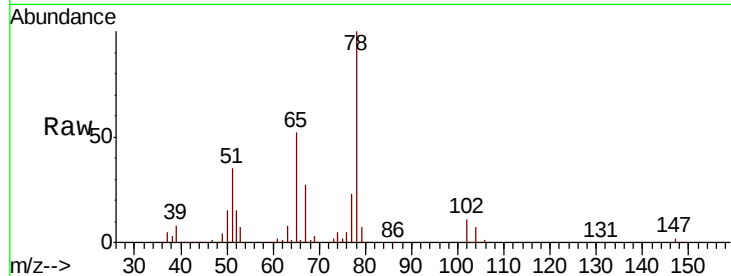




#33
 1,2-Dichloroethane-d4
 Concen: 56.011 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

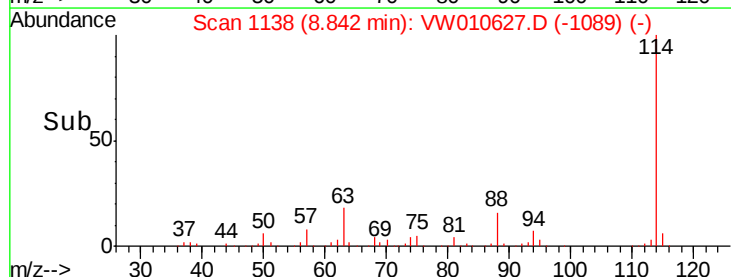
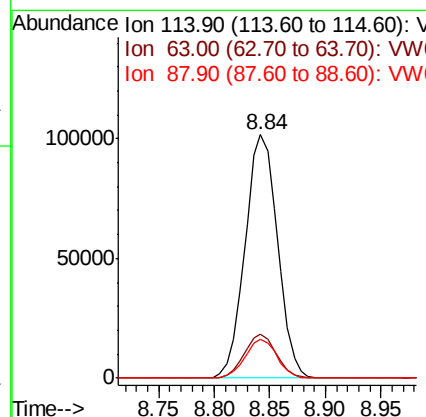
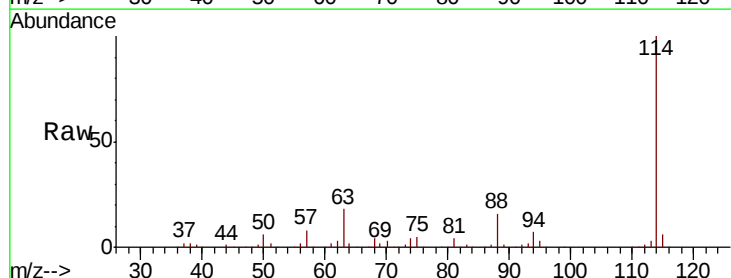
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

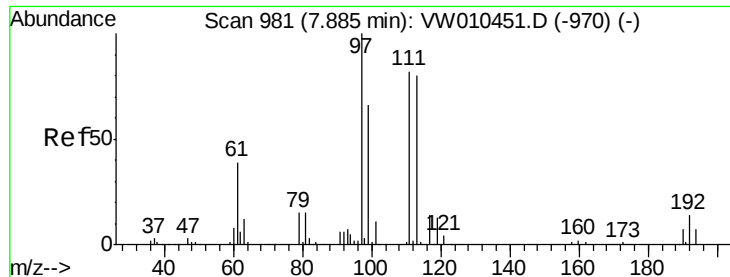
Tot Ion: 65 Resp: 68205
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 114 Resp: 206192
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 15.9 0.0 32.0

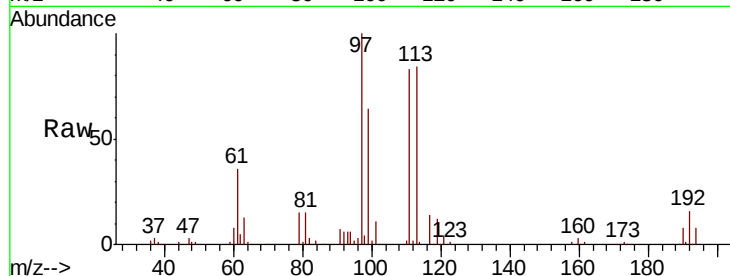




#35
 Dibromofluoromethane
 Concen: 55.875 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.2	14.3	21.5

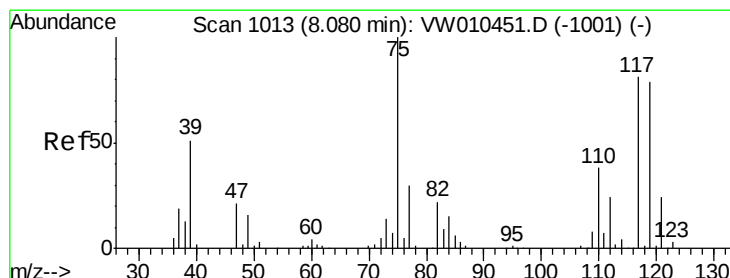
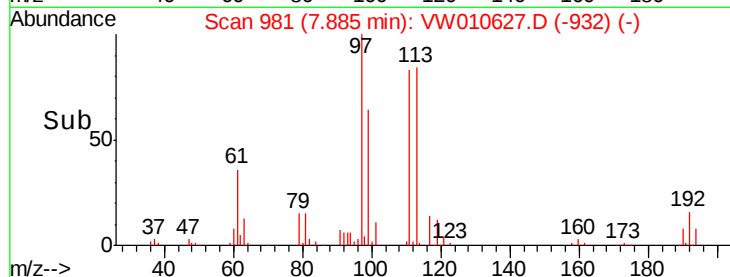
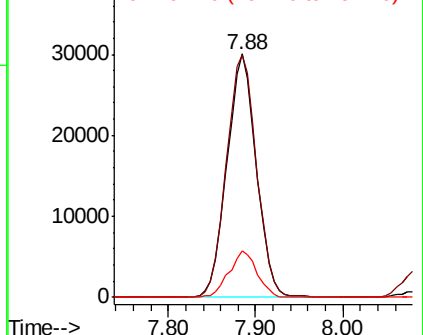


Abundance

Ion 112.80 (112.50 to 113.50): V

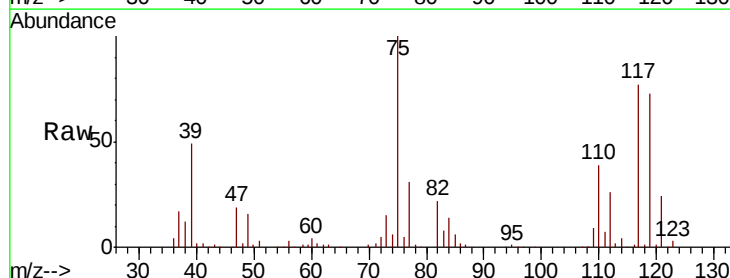
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 52.205 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.2	57.6
77	31.1	25.2	37.8

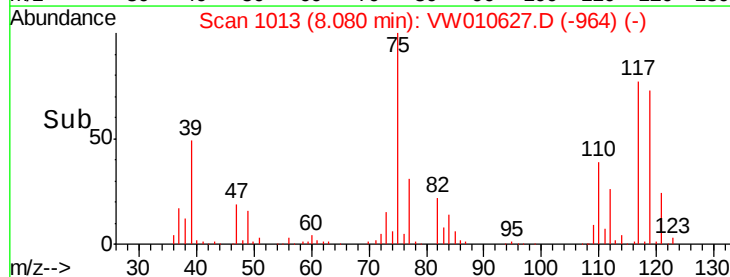
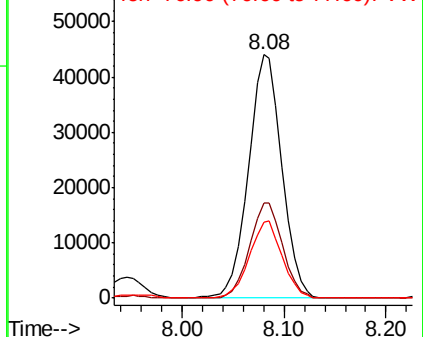


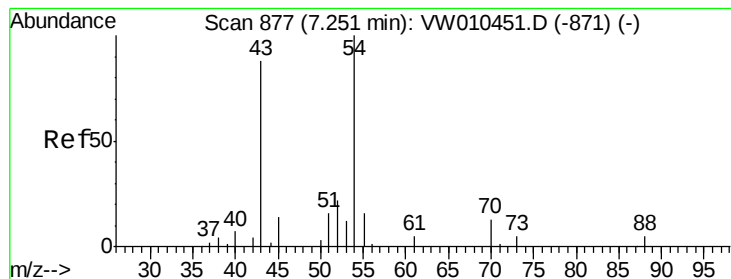
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 52.583 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

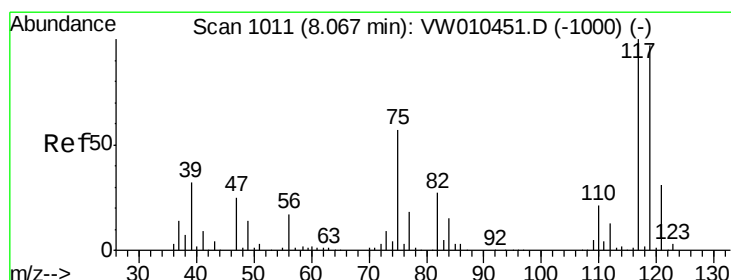
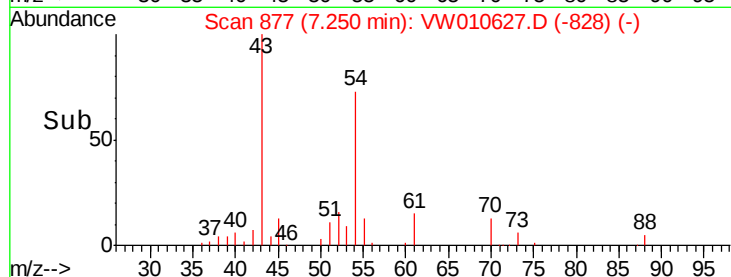
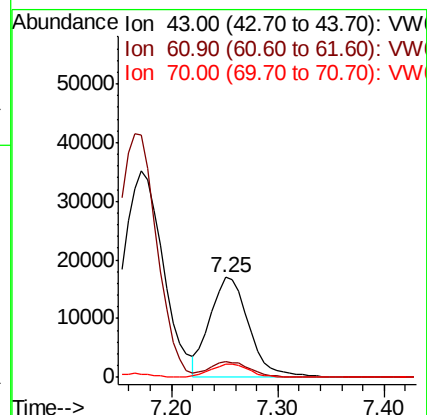
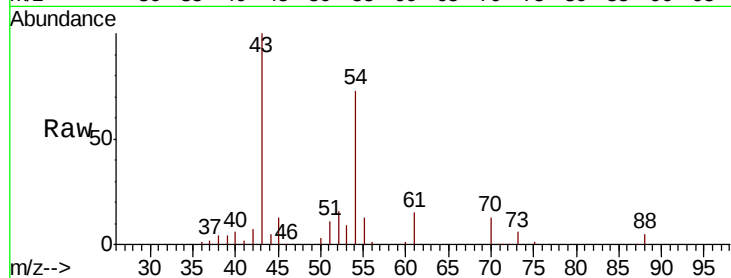
Tot Ion: 43 Resp: 42950

Ion Ratio Lower Upper

43 100

61 16.0 11.2 16.8

70 13.1 9.9 14.9



#38

Carbon Tetrachloride

Concen: 52.304 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

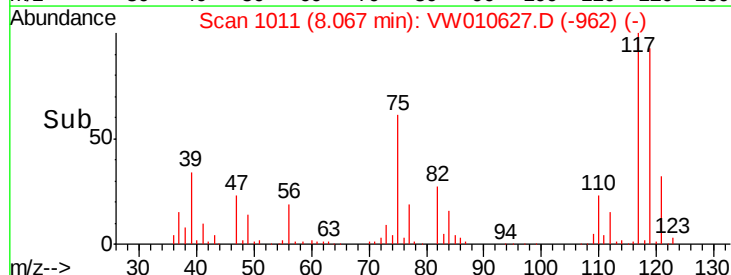
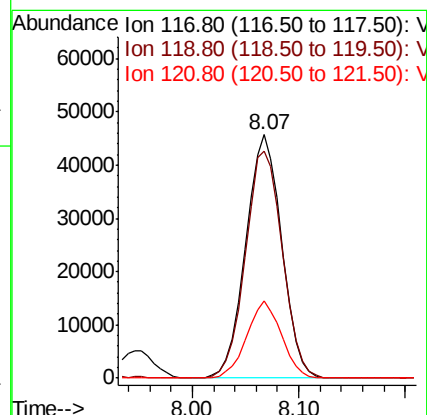
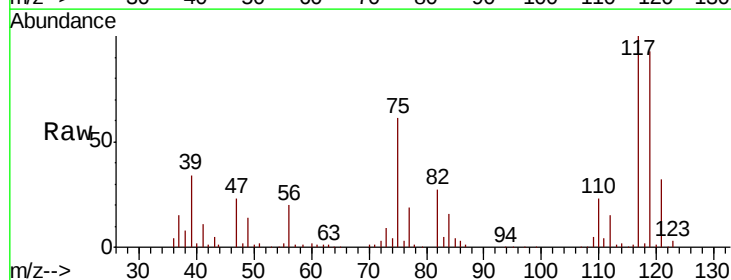
Tgt Ion: 117 Resp: 108375

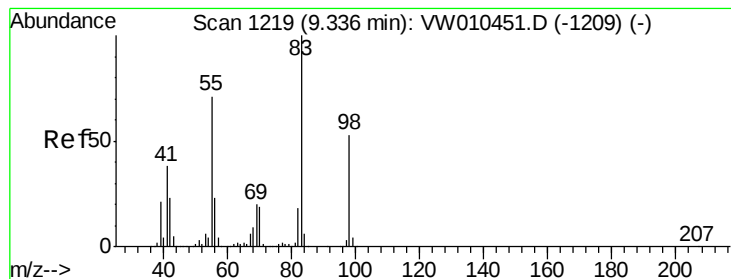
Ion Ratio Lower Upper

117 100

119 93.1 77.4 116.0

121 31.8 25.0 37.6





#39

Methvlcvclohexane

Concen: 50.240 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

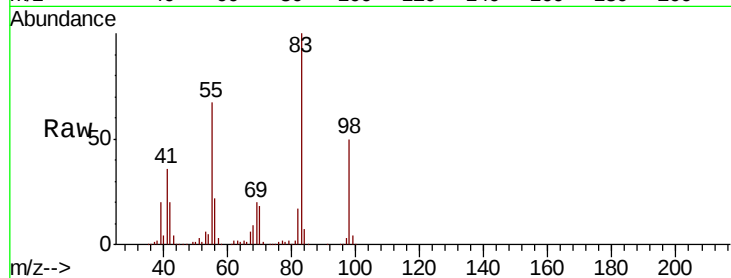
Tot Ion: 83 Resp: 129286

Ion Ratio Lower Upper

83 100

55 67.0 57.0 85.6

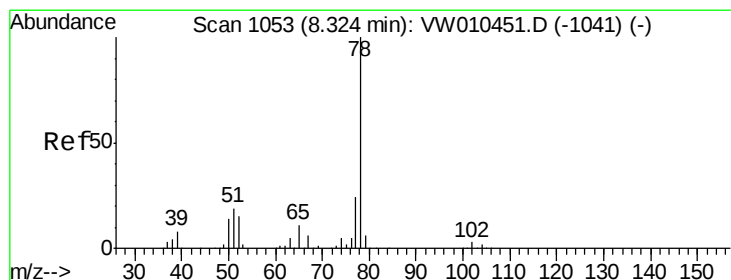
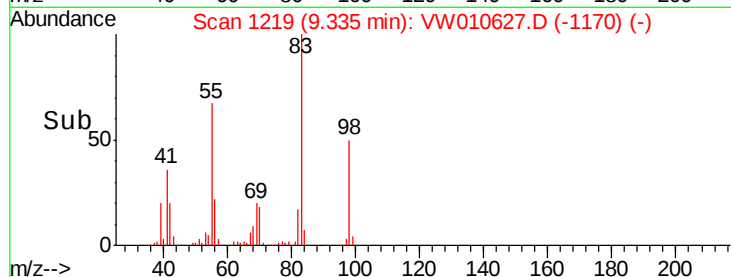
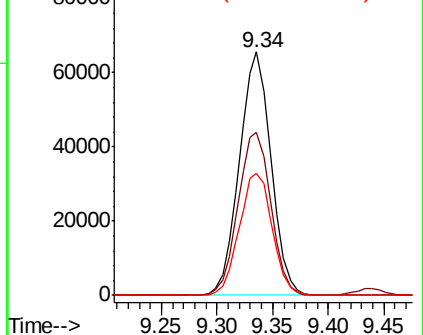
98 50.3 42.0 63.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 54.696 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010627.D

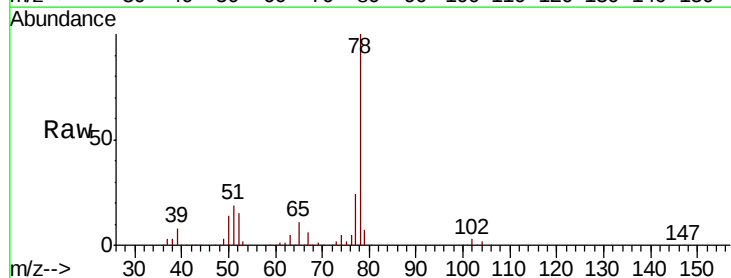
Acq: 30 May 2019 21:00

Tgt Ion: 78 Resp: 292006

Ion Ratio Lower Upper

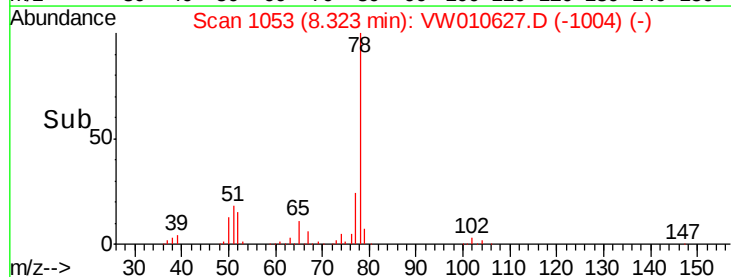
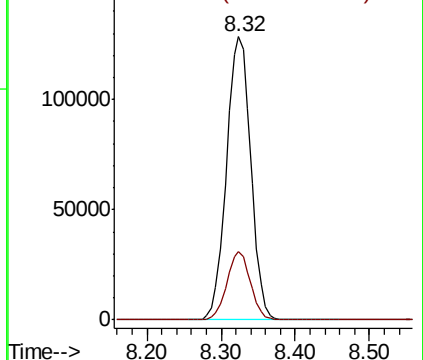
78 100

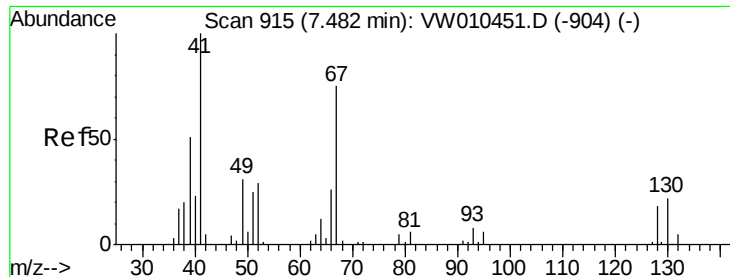
77 24.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

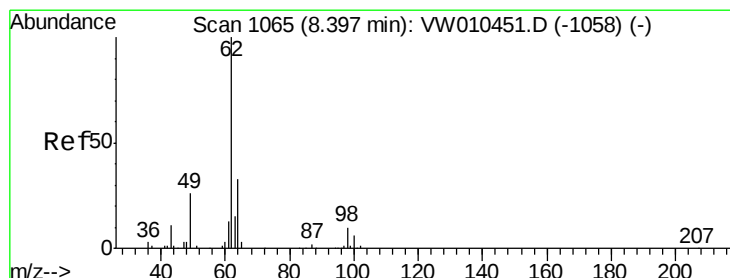
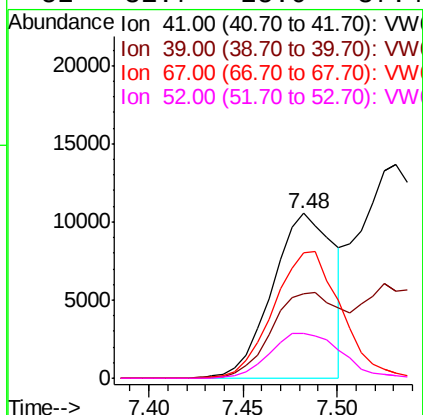
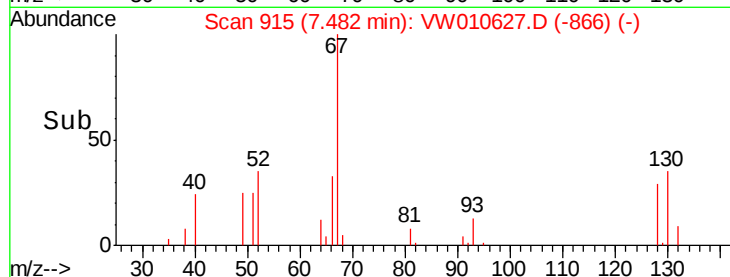
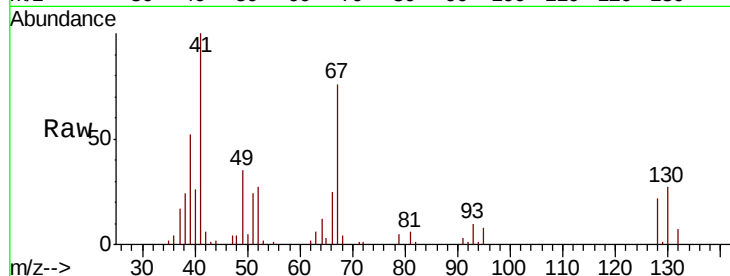




#41
Methacrylonitrile
Concen: 49.558 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

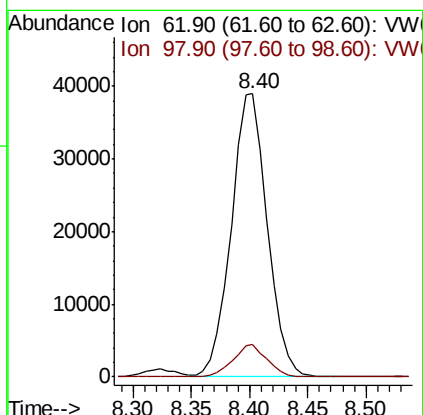
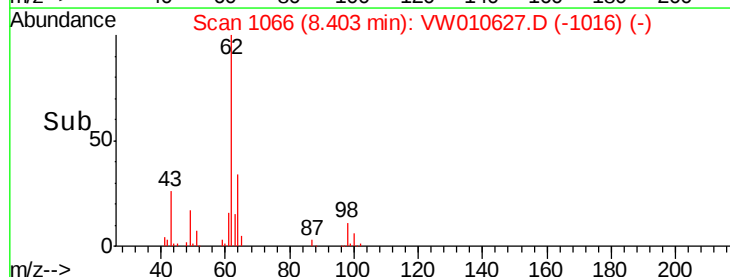
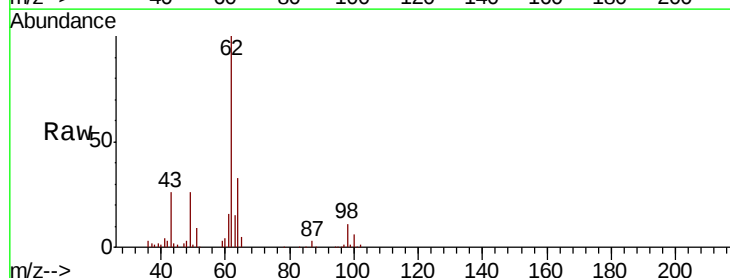
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

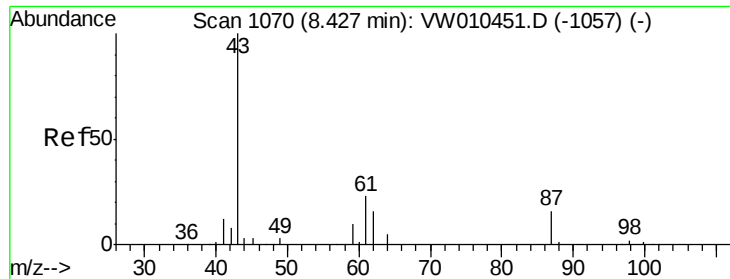
Tot Ion:	41	Resp:	24052
Ion	Ratio	Lower	Upper
41	100		
39	60.2	47.4	71.2
67	83.4	65.5	98.3
52	31.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 54.982 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:	62	Resp:	83894
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 52.217 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

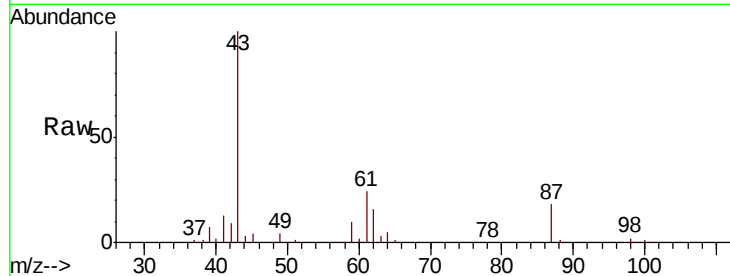
Tot Ion: 43 Resp: 85208

Ion Ratio Lower Upper

43 100

61 33.4 25.4 38.2

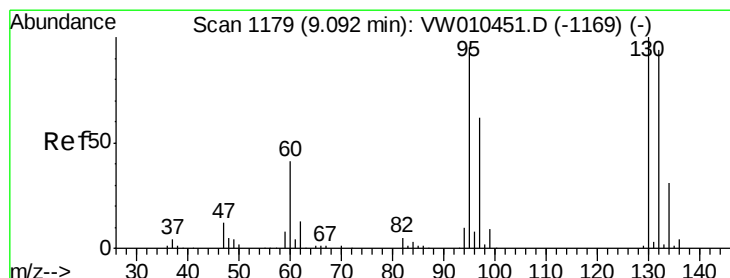
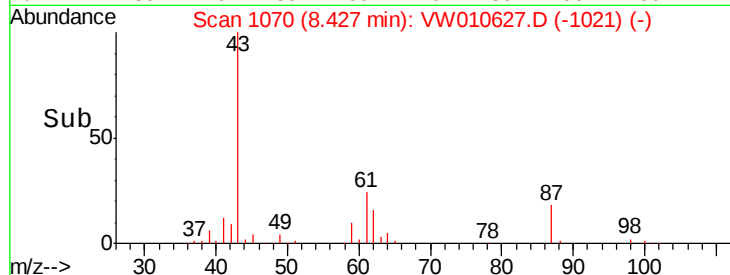
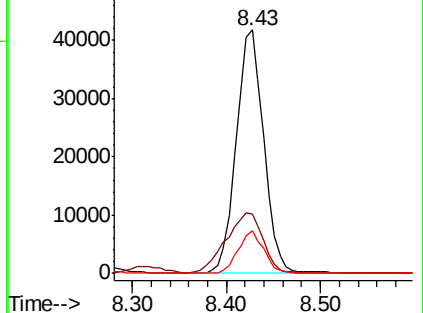
87 16.3 12.7 19.1



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: 55.086 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010627.D

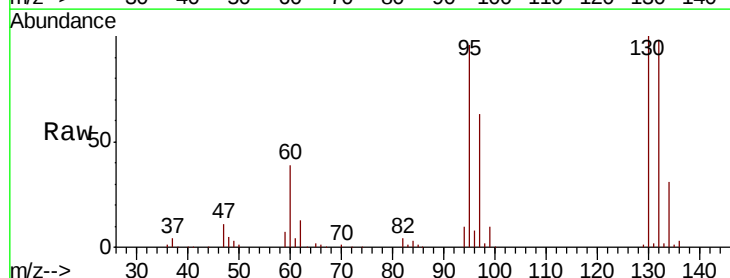
Acq: 30 May 2019 21:00

Tgt Ion: 130 Resp: 87308

Ion Ratio Lower Upper

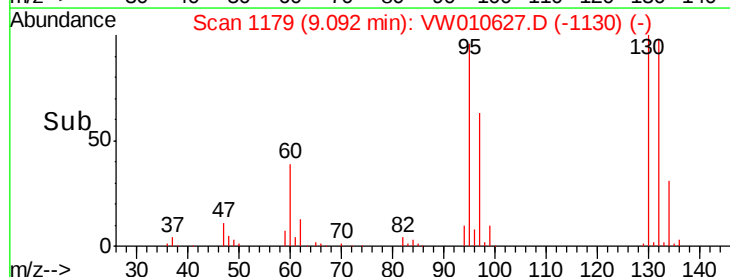
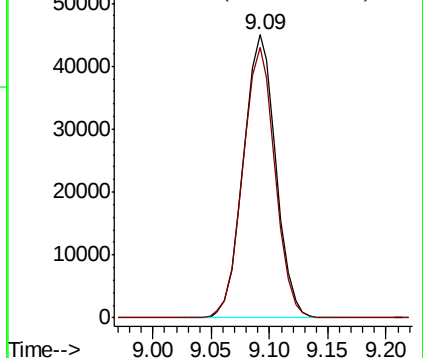
130 100

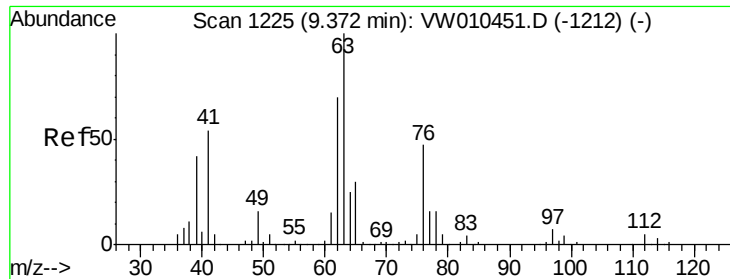
95 95.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

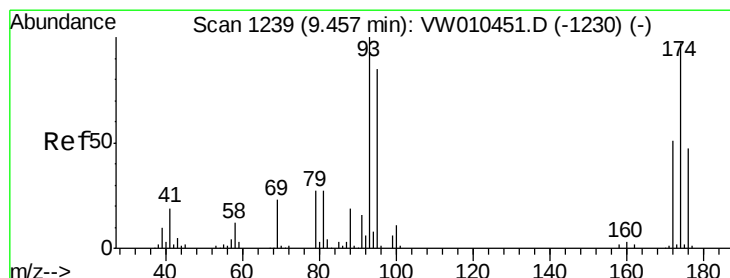
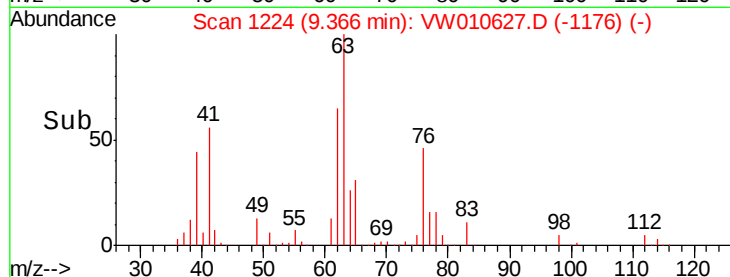
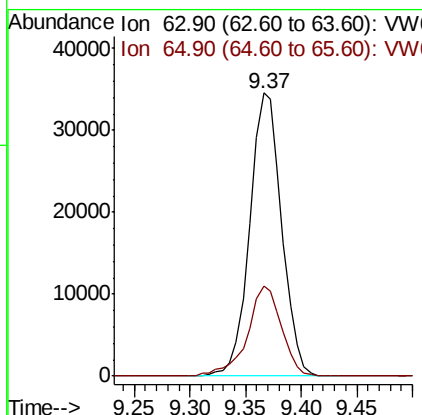
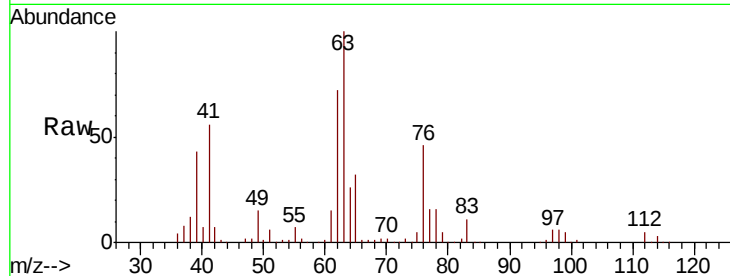




#45
 1,2-Dichloropropane
 Concen: 54.434 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

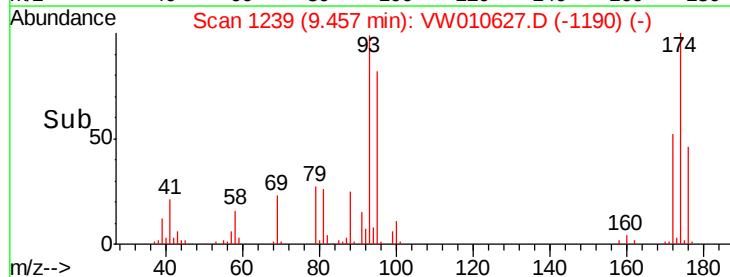
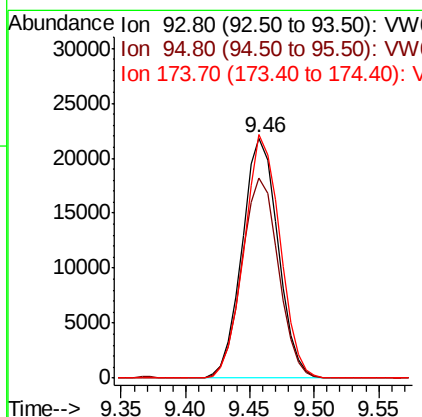
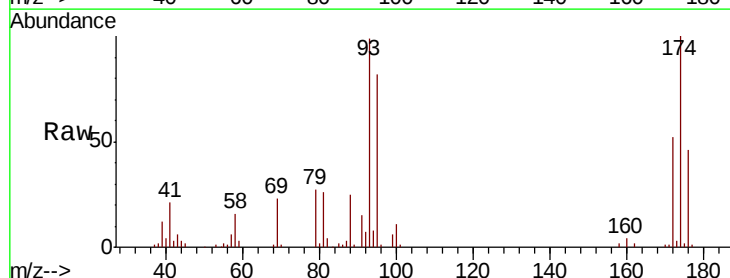
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 69018
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.3 36.5



#46
 Dibromomethane
 Concen: 56.779 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 93 Resp: 42102
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.1 99.1
 174 101.2 77.1 115.7





#47

Bromodichloromethane

Concen: 54.043 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

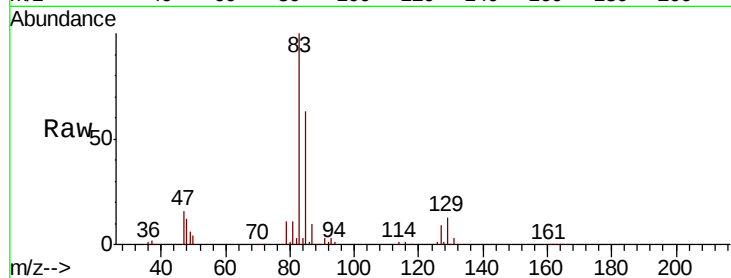
Tot Ion: 83 Resp: 100704

Ion Ratio Lower Upper

83 100

85 63.2 50.4 75.6

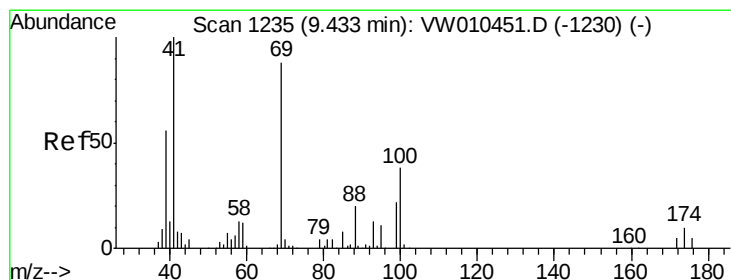
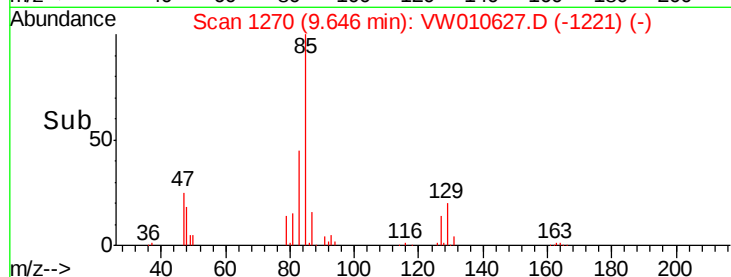
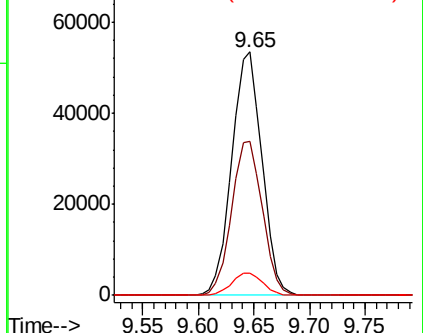
127 9.0 7.4 11.0



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: 51.595 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

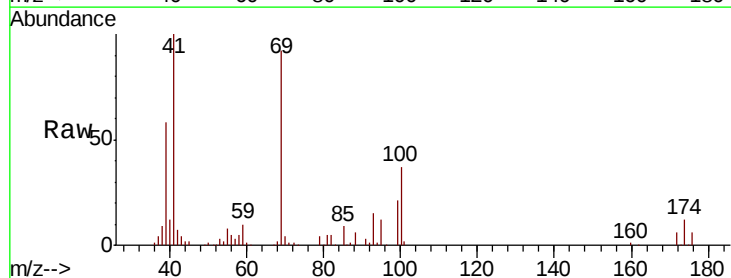
Tgt Ion: 41 Resp: 38517

Ion Ratio Lower Upper

41 100

69 101.7 77.6 116.4

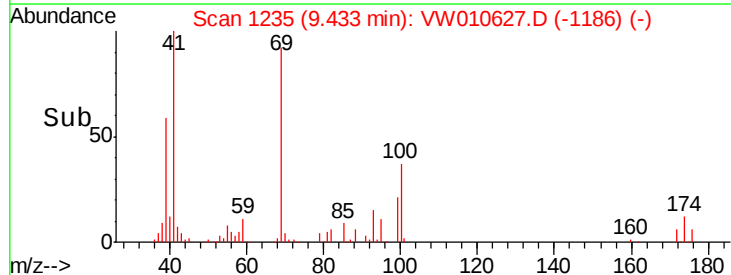
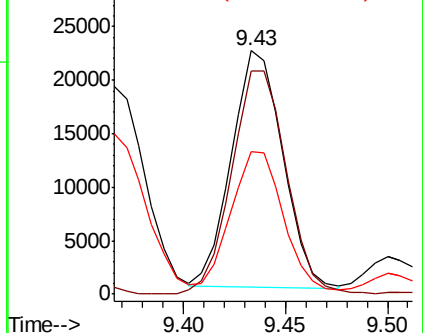
39 63.4 49.8 74.8

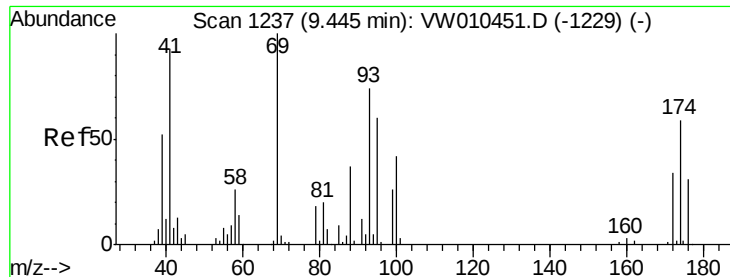


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW



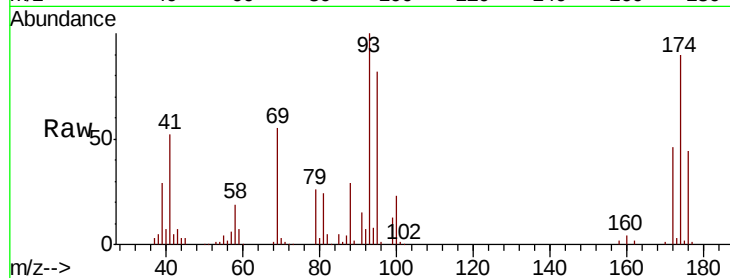


#49
 1,4-Dioxane
 Concen: 922.970 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

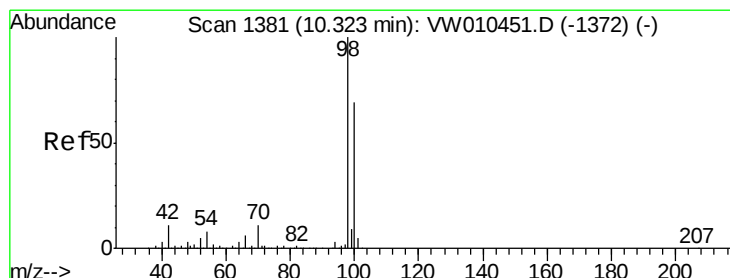
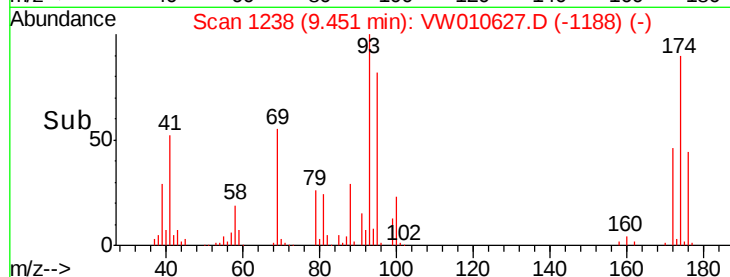
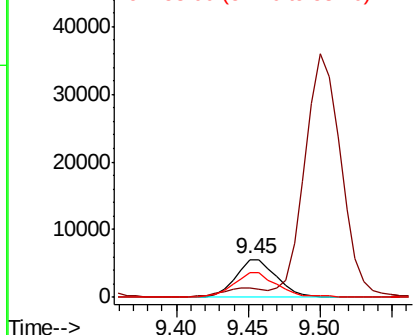
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 11180

Ion	Ratio	Lower	Upper
88	100		
43	27.2	25.9	38.9
58	70.1	52.7	79.1



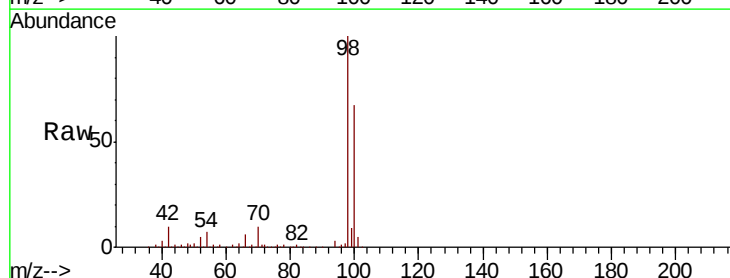
Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW



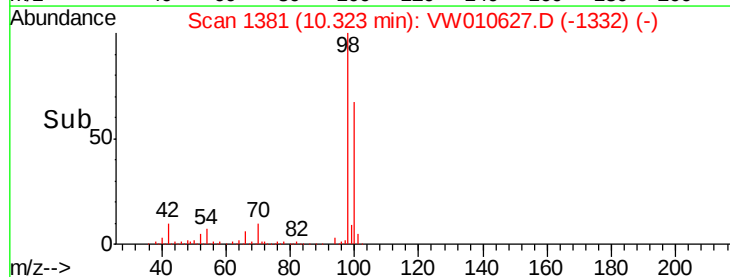
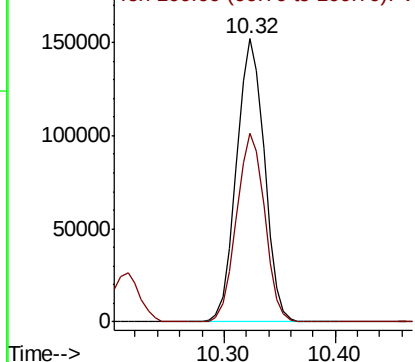
#50
 Toluene-d8
 Concen: 55.259 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

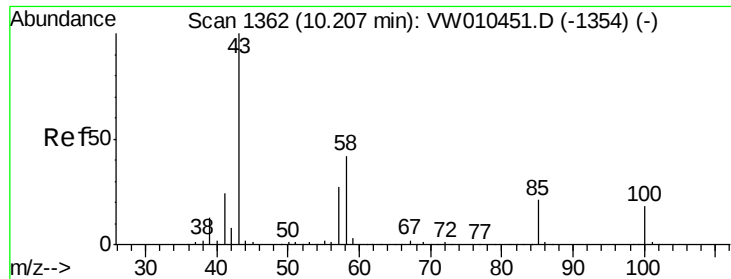
Tgt Ion: 98 Resp: 264115

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5



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

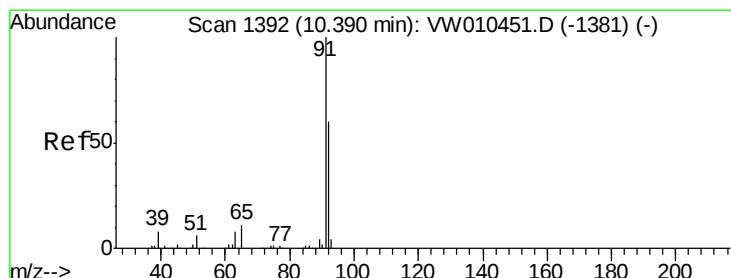
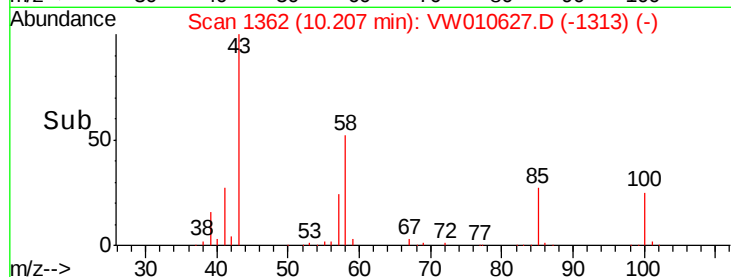
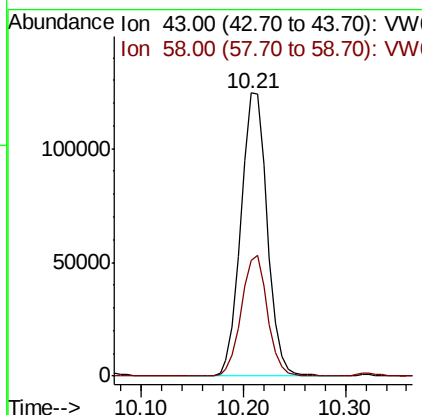
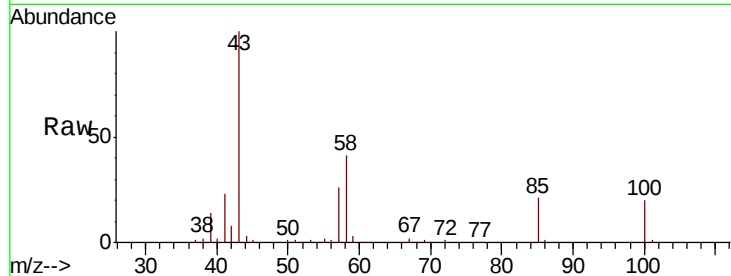




#51
4-Methyl-2-Pentanone
Concen: 270.074 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

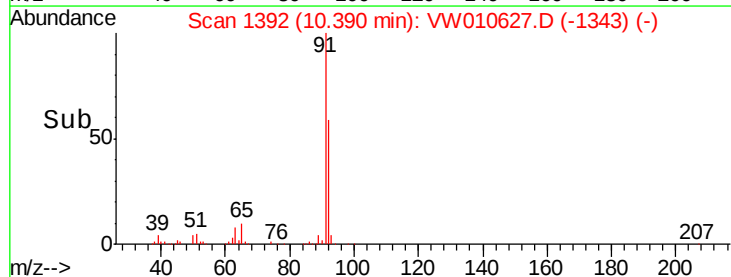
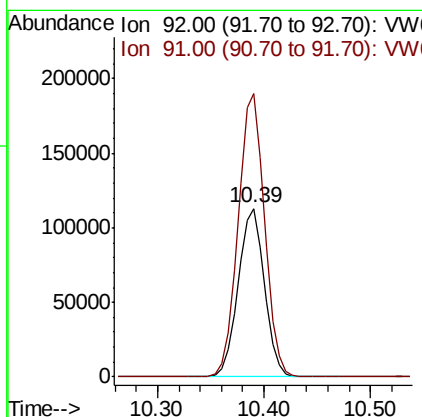
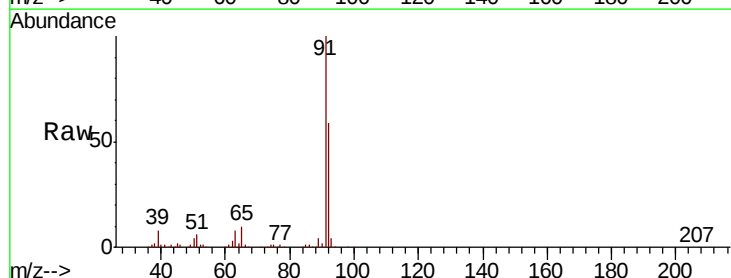
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

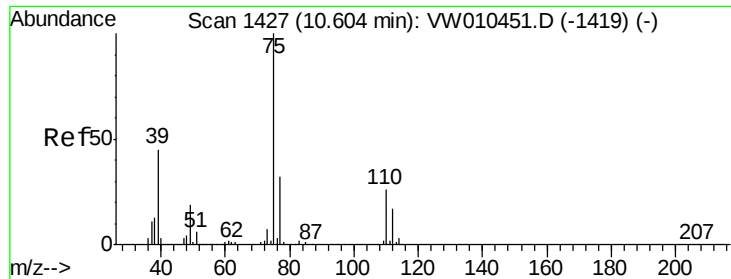
Tot Ion: 43 Resp: 223317
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8



#52
Toluene
Concen: 54.581 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 92 Resp: 195693
Ion Ratio Lower Upper
92 100
91 169.0 135.4 203.0

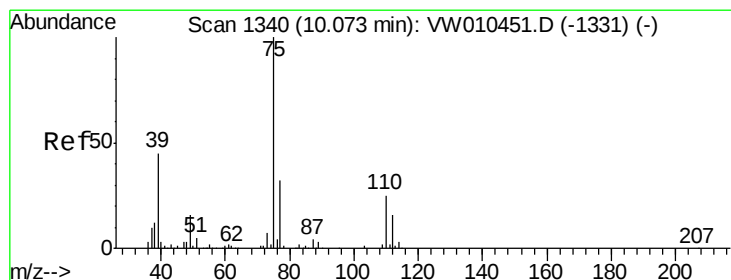
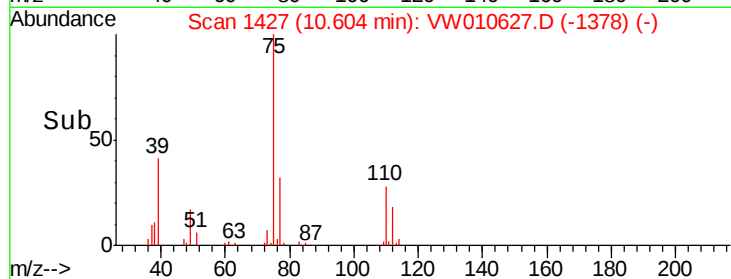
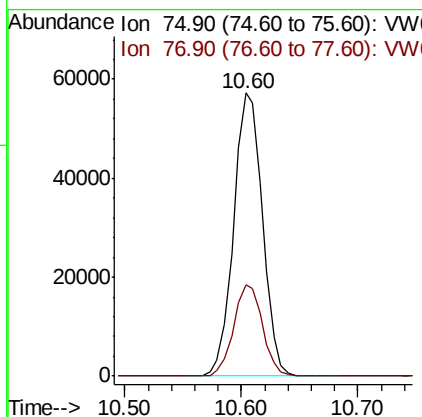
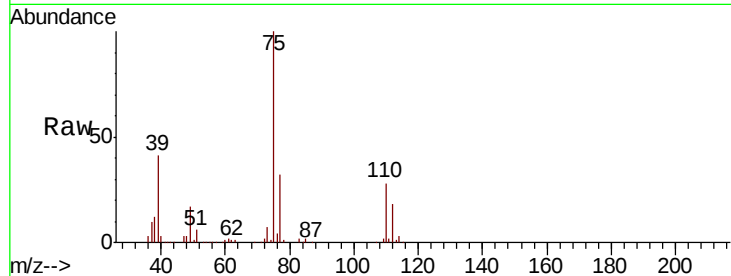




#53
 t-1,3-Dichloropropene
 Concen: 52.261 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

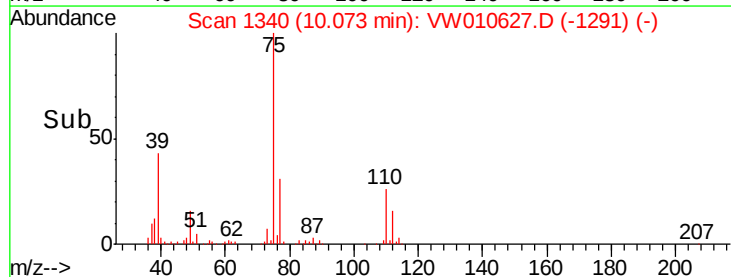
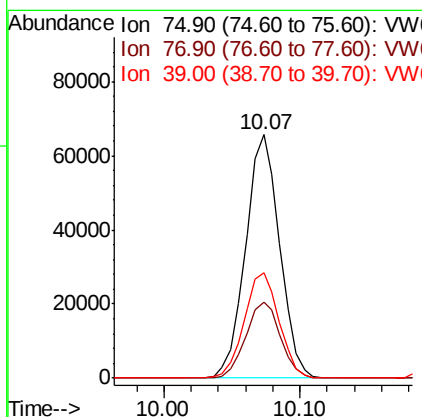
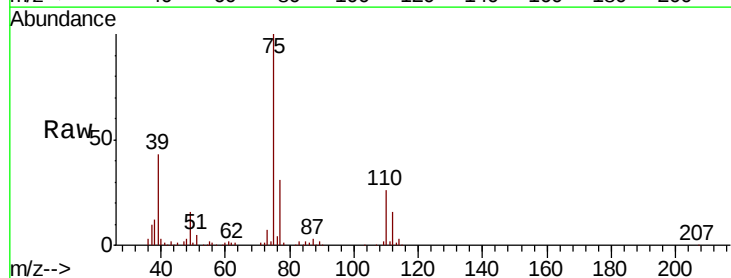
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

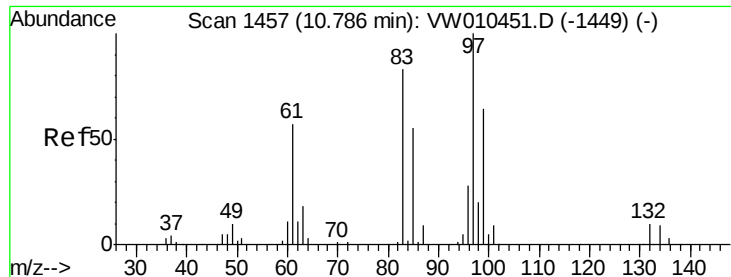
Tot Ion: 75 Resp: 98628
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.482 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 75 Resp: 115270
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 43.4 36.2 54.4





#55

1,1,2-Trichloroethane

Concen: 57.126 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 60914

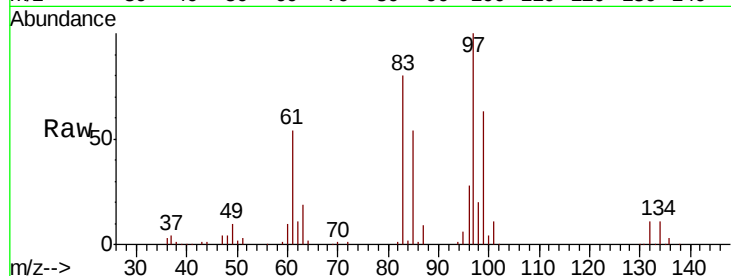
Ion Ratio Lower Upper

97 100

83 79.9 66.1 99.1

85 53.7 44.2 66.4

99 62.7 51.1 76.7



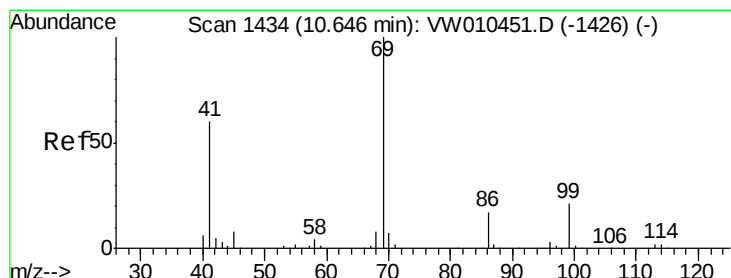
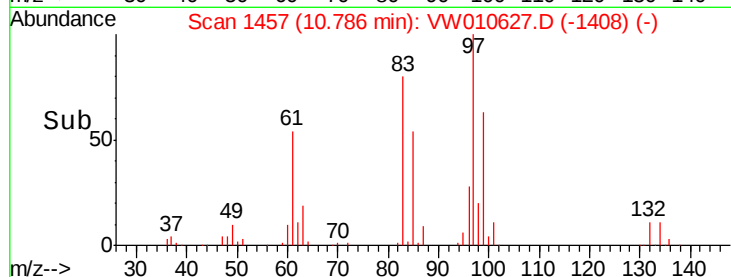
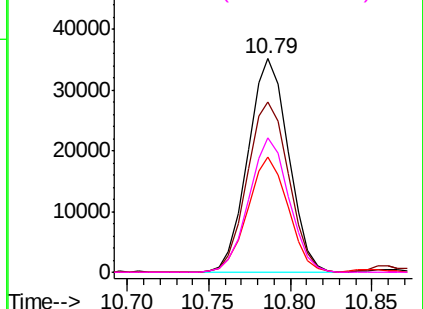
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.829 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

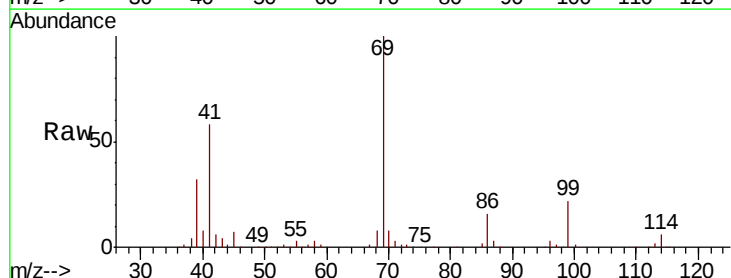
Tgt Ion: 69 Resp: 79161

Ion Ratio Lower Upper

69 100

41 58.3 47.7 71.5

39 30.8 25.3 37.9

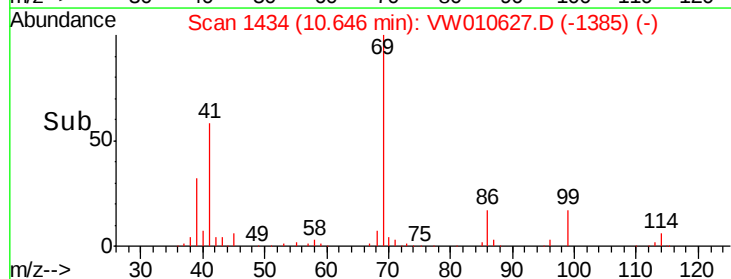
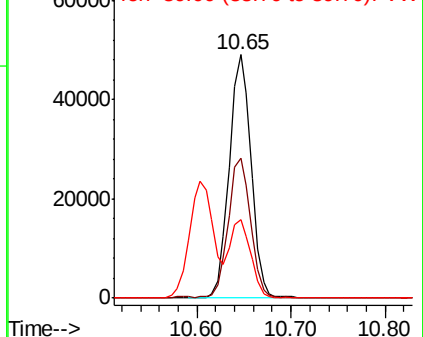


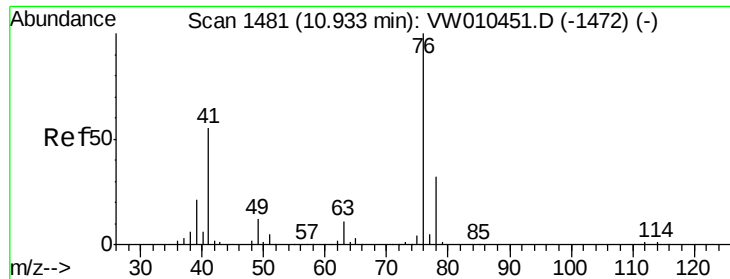
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

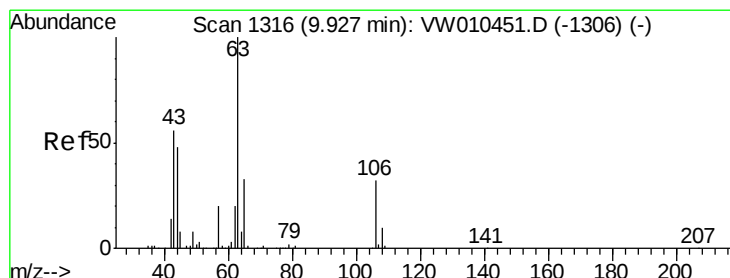
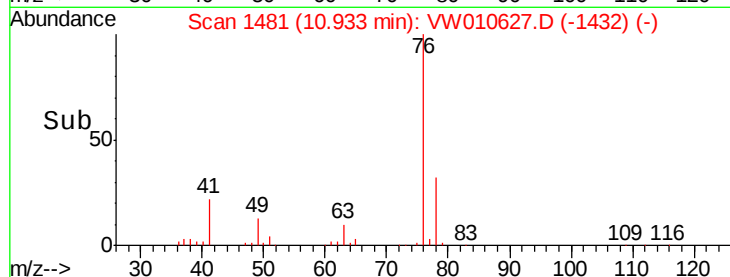
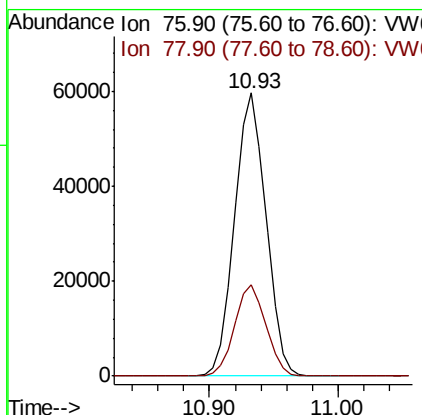
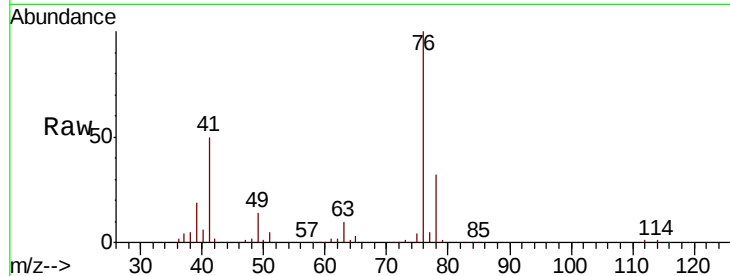




#57
 1,3-Dichloropropane
 Concen: 56.566 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

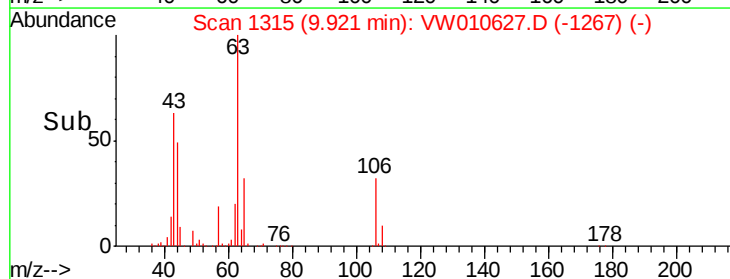
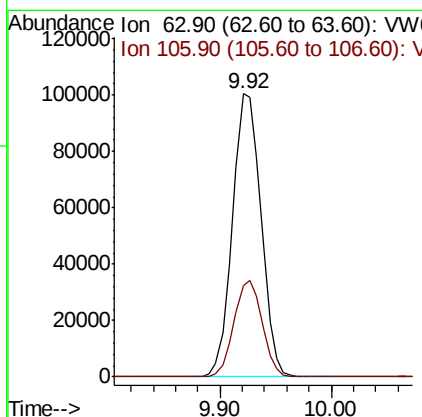
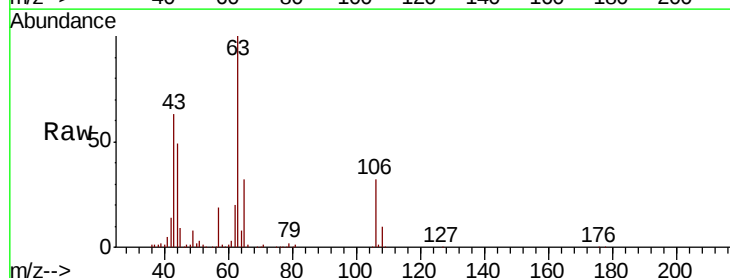
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

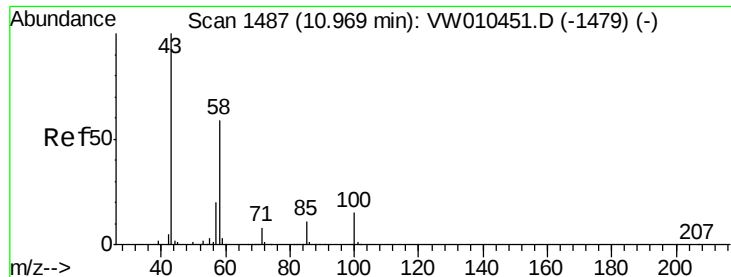
Tot Ion: 76 Resp: 101034
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.021 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 63 Resp: 178491
 Ion Ratio Lower Upper
 63 100
 106 33.6 25.8 38.6

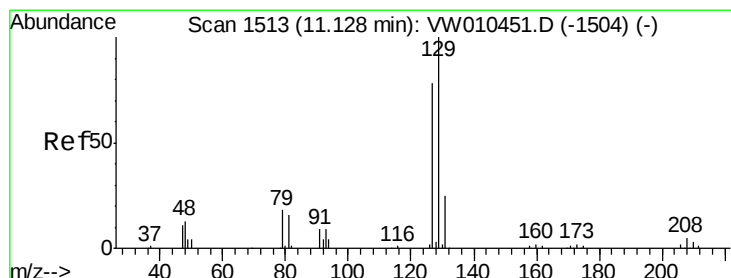
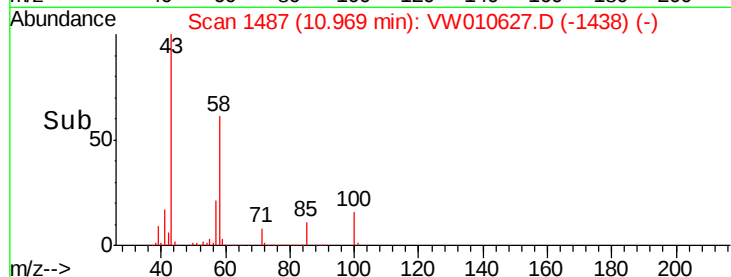
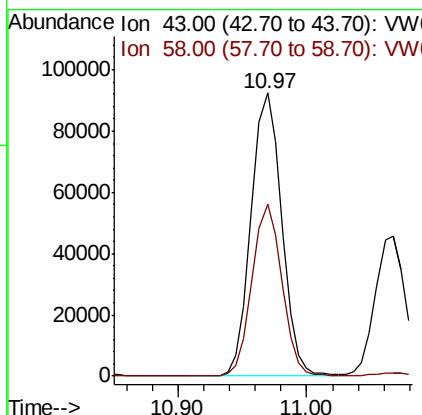
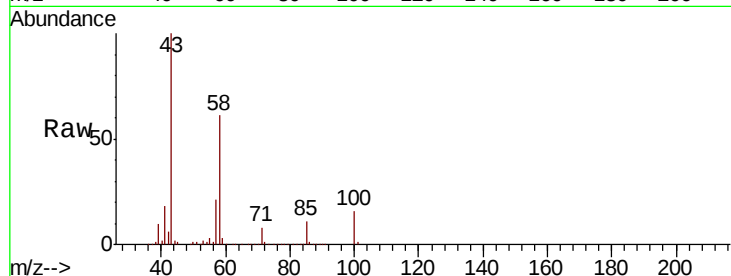




#59
2-Hexanone
Concen: 257.568 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

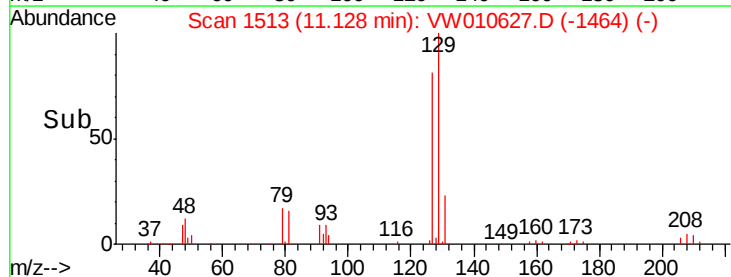
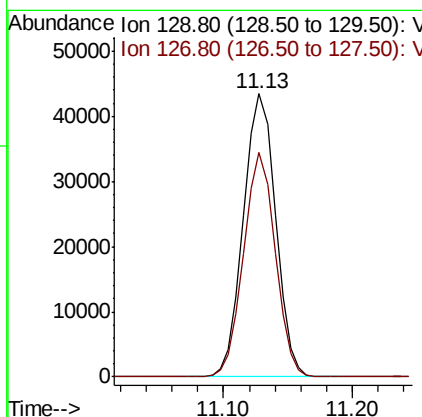
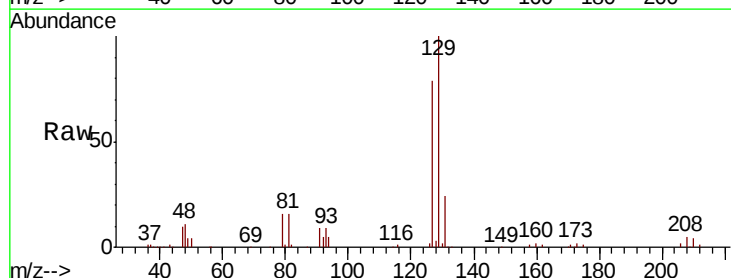
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

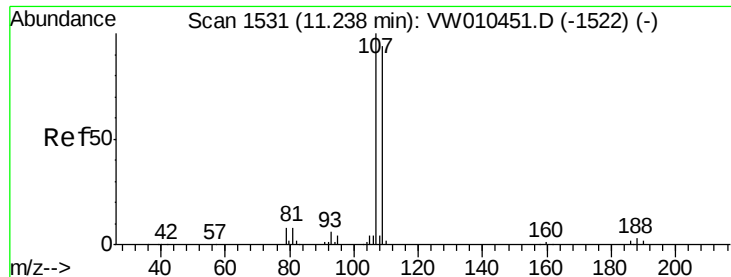
Tot Ion: 43 Resp: 151926
Ion Ratio Lower Upper
43 100
58 59.3 28.9 86.8



#60
Dibromochloromethane
Concen: 55.861 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 129 Resp: 75385
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 57.075 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

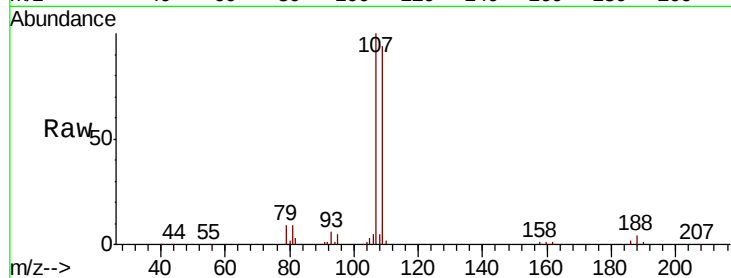
VSTDCCC050EC

Tot Ion:107 Resp: 61650

Ion Ratio Lower Upper

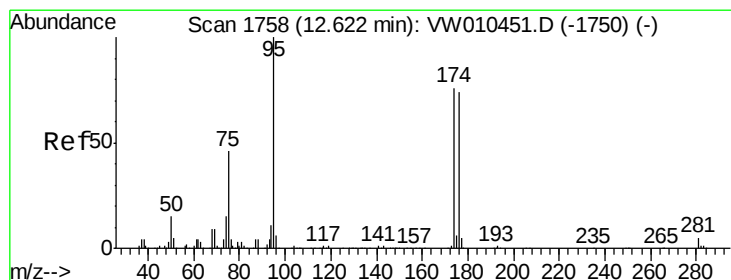
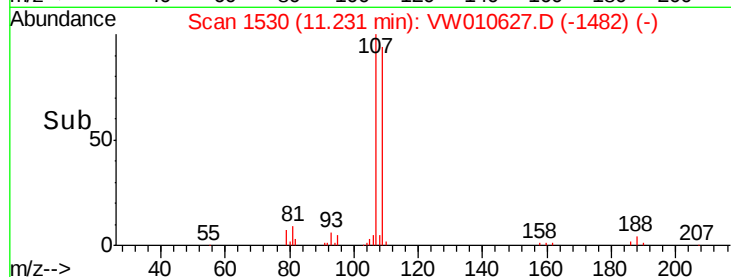
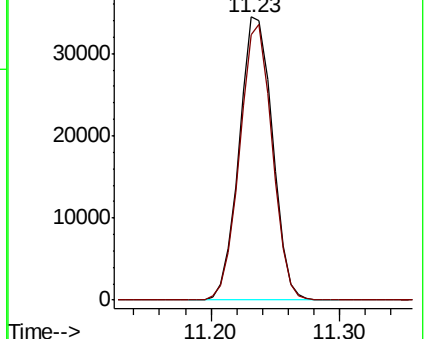
107 100

109 94.6 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

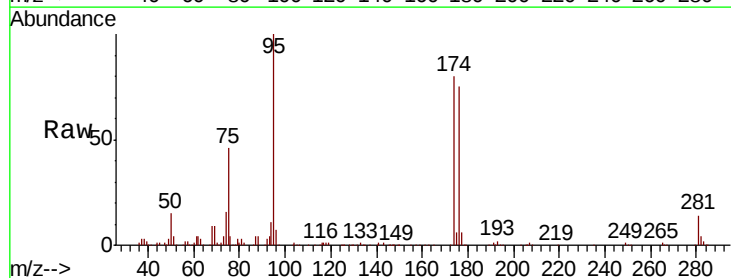
Tgt Ion: 95 Resp: 104306

Ion Ratio Lower Upper

95 100

174 77.0 0.0 148.6

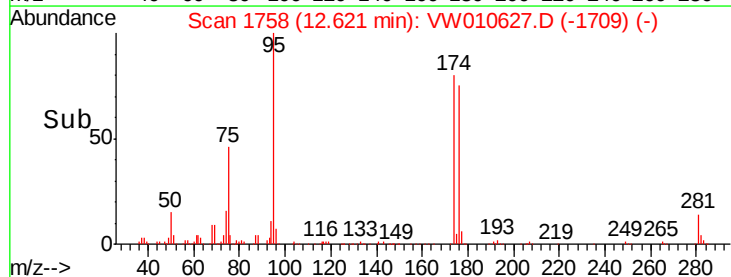
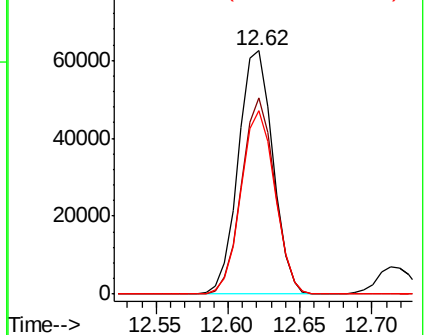
176 73.8 0.0 144.2



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

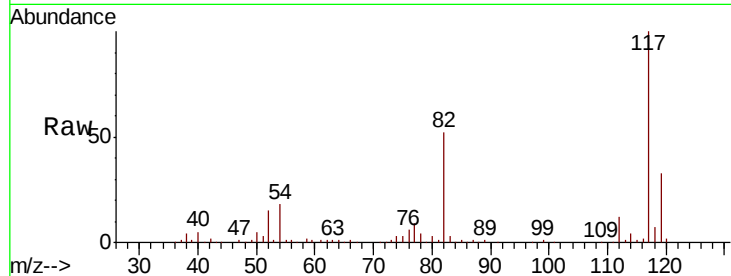




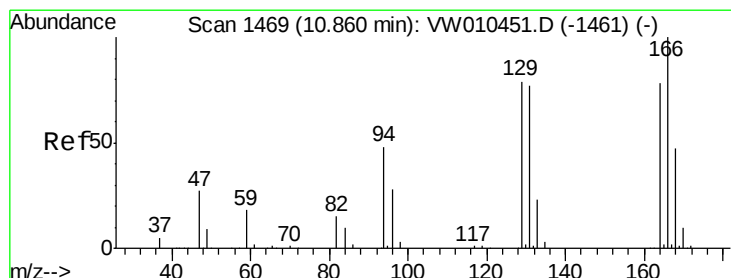
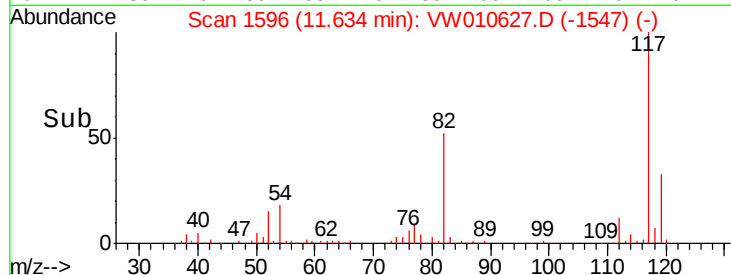
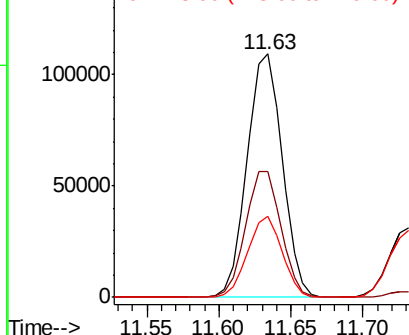
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 185178
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 33.3 26.3 39.5

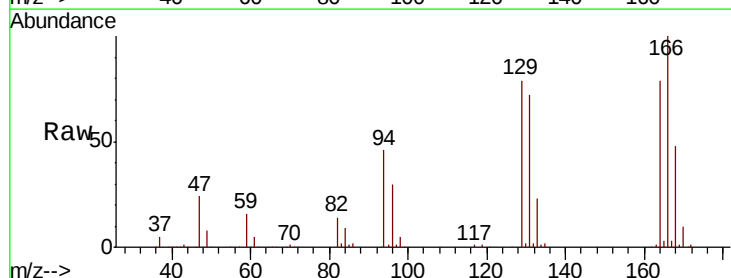


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

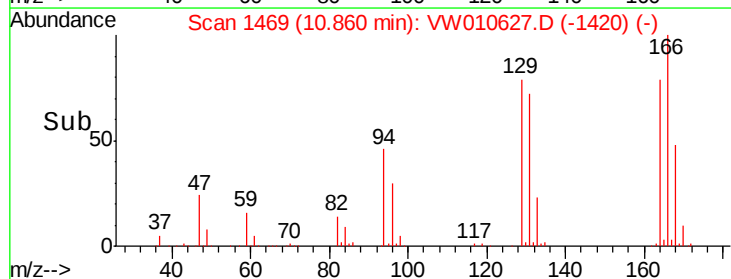
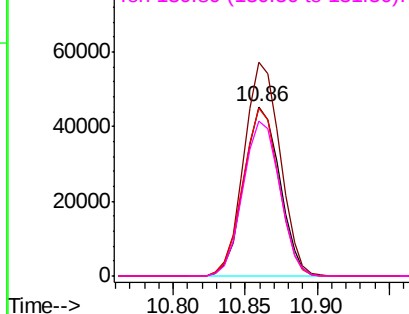


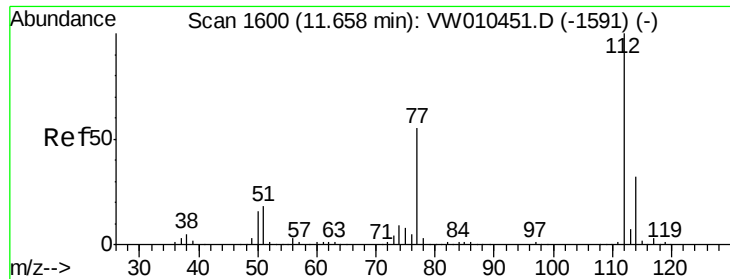
#64
Tetrachloroethene
Concen: 60.710 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:164 Resp: 78368
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 99.4 80.6 121.0
131 91.5 78.2 117.2



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

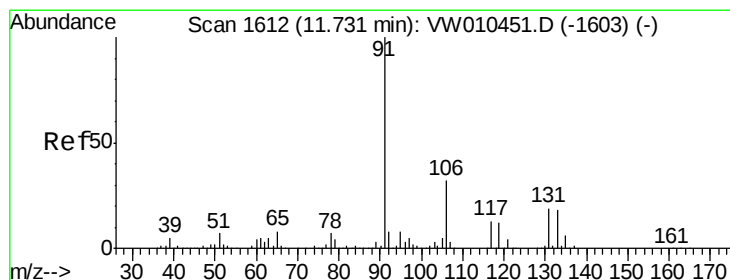
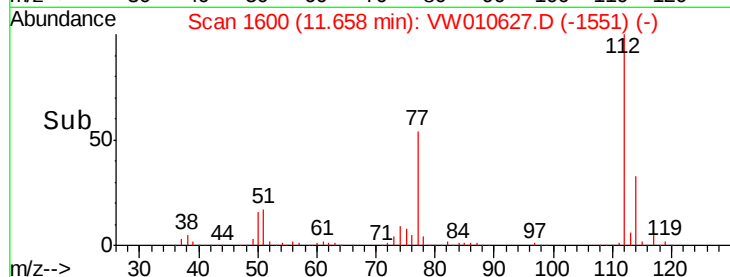
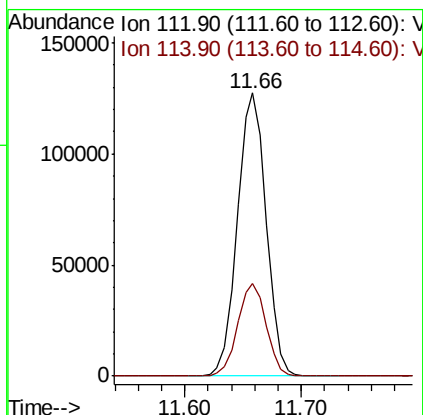
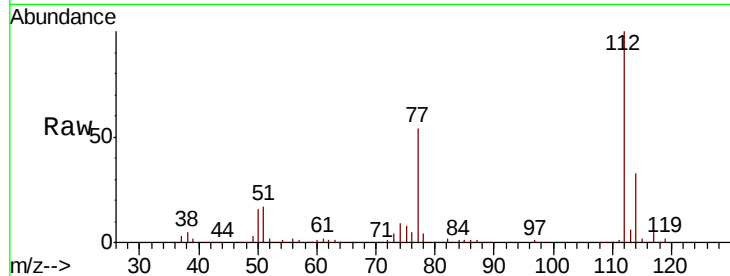




#65
Chlorobenzene
Concen: 55.469 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

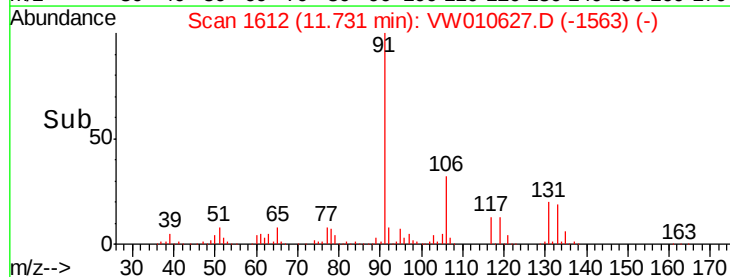
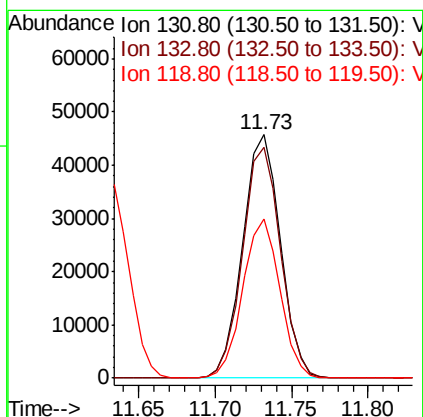
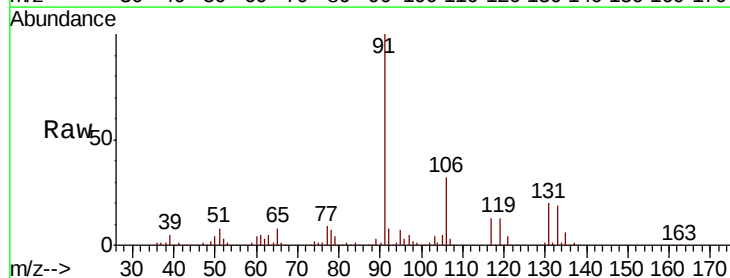
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

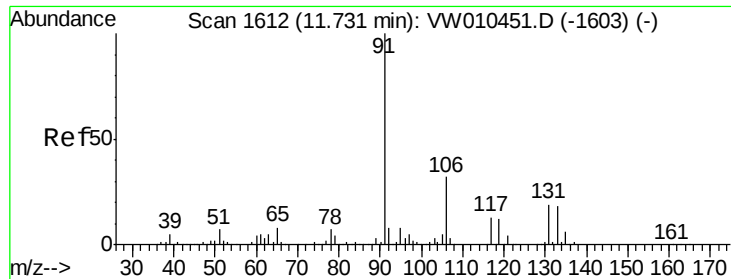
Tot Ion:112 Resp: 218914
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.521 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:131 Resp: 78493
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 64.3 32.1 96.5

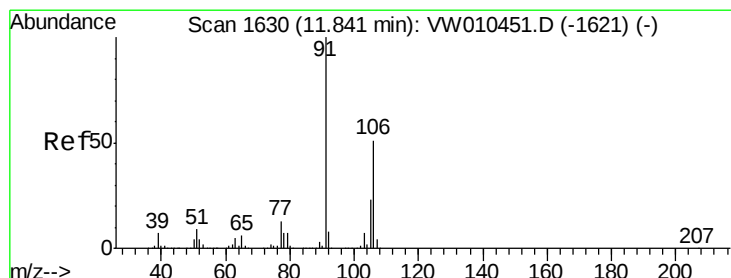
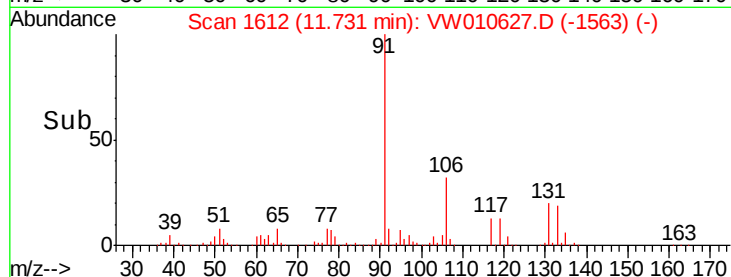
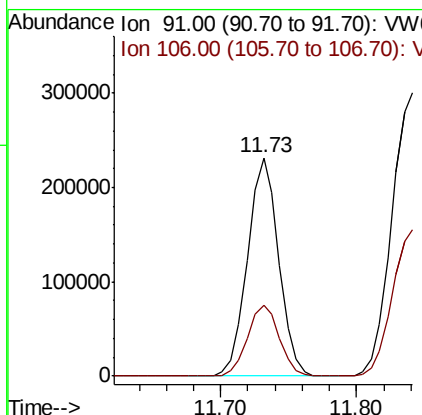
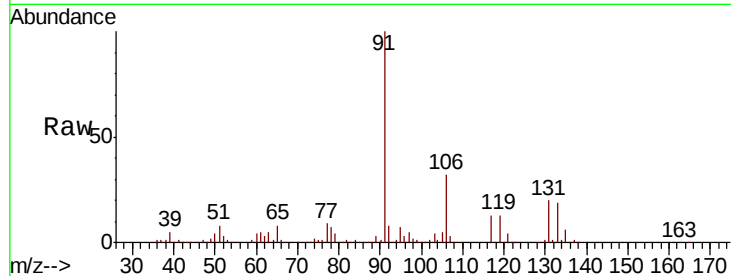




#67
Ethyl Benzene
Concen: 53.285 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

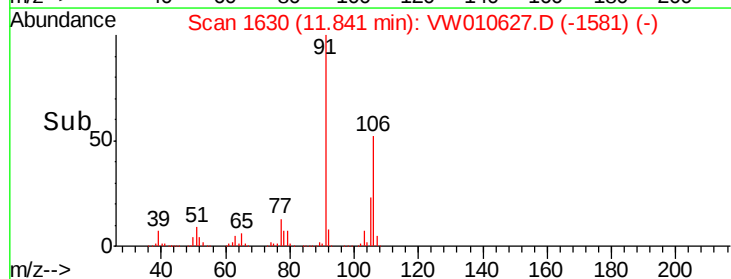
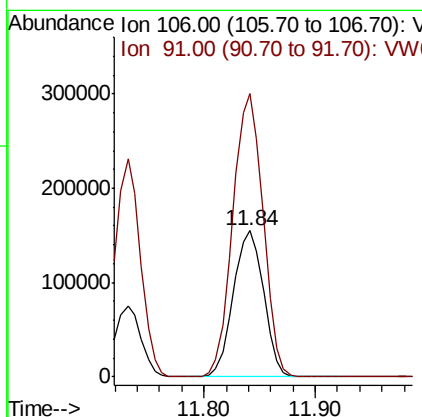
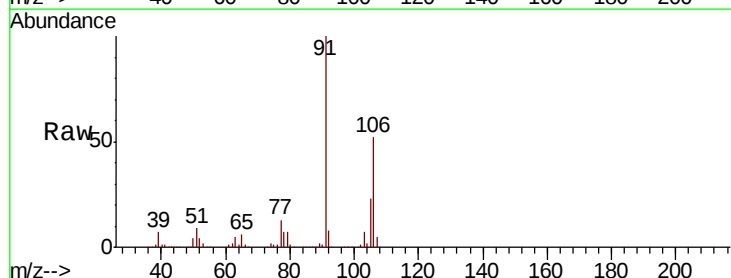
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

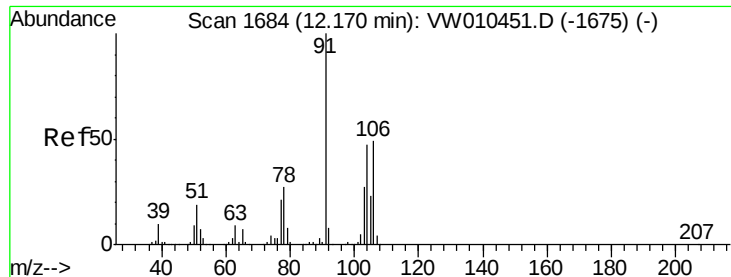
Tot Ion: 91 Resp: 371280
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 107.003 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:106 Resp: 292439
Ion Ratio Lower Upper
106 100
91 192.7 156.0 234.0

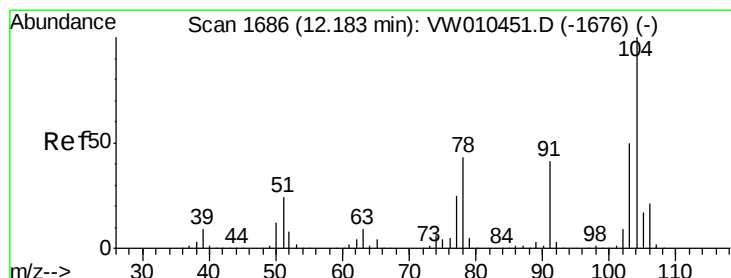
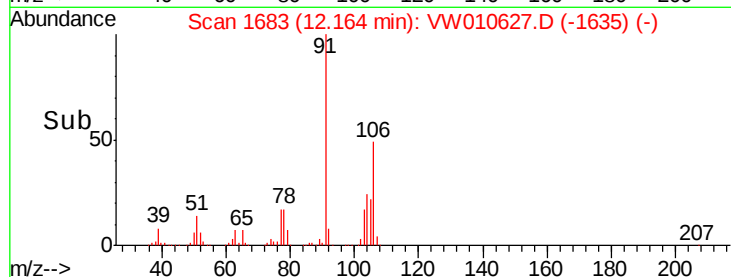
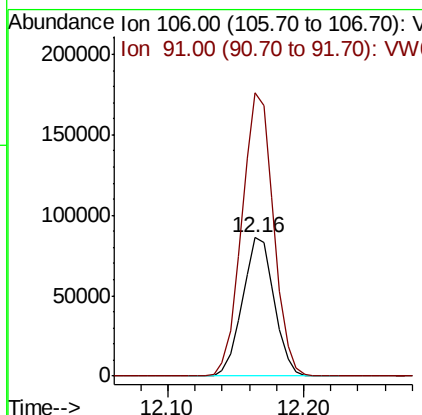
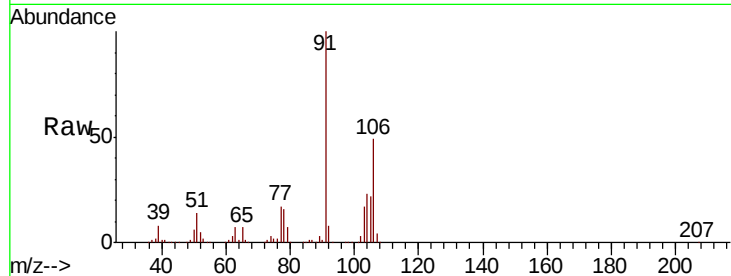




#69
o-Xylene
Concen: 54.239 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

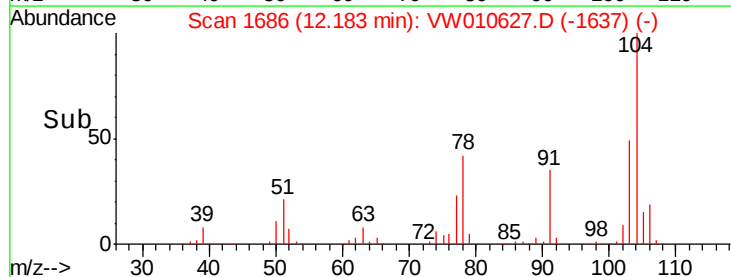
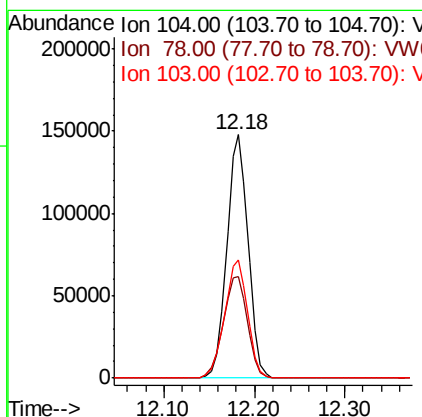
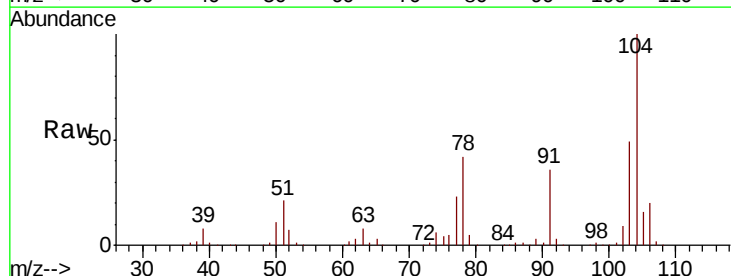
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

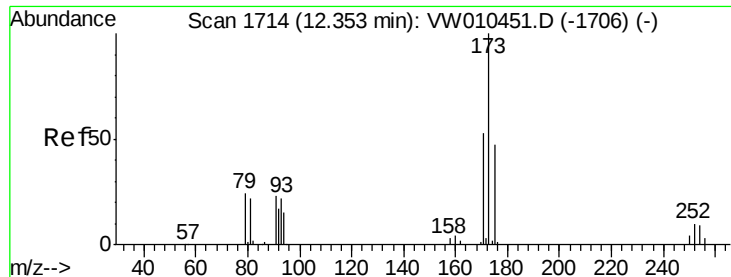
Tot Ion:106 Resp: 140446
Ion Ratio Lower Upper
106 100
91 203.2 103.2 309.4



#70
Styrene
Concen: 55.136 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:104 Resp: 242238
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.4
103 52.6 43.0 64.6





#71

Bromoform

Concen: 53.498 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

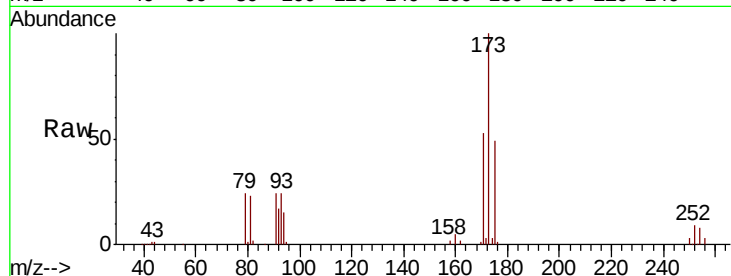
Tot Ion:173 Resp: 41650

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

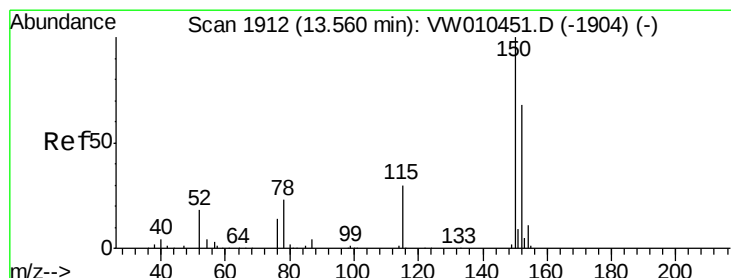
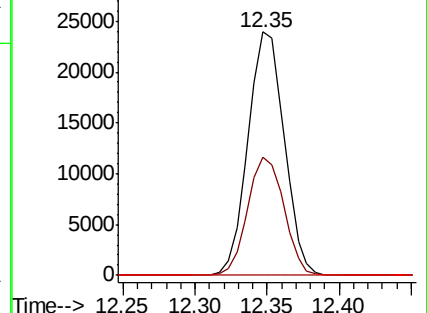
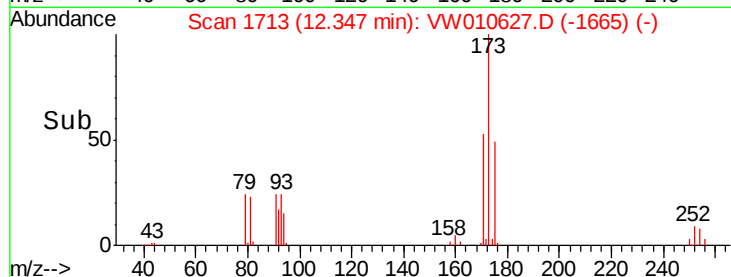
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

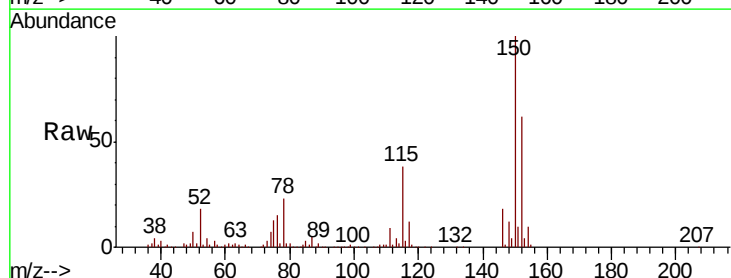
Tgt Ion:152 Resp: 91528

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

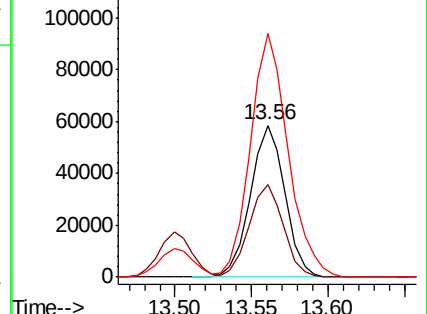
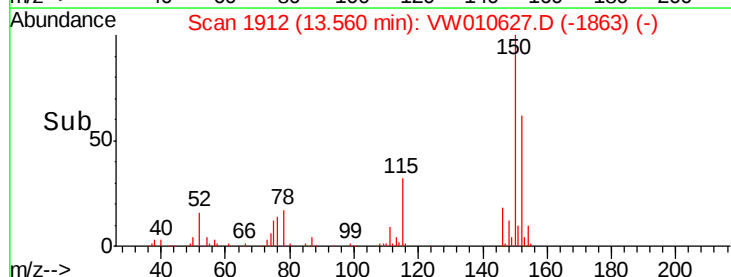
150 176.2 0.0 349.8

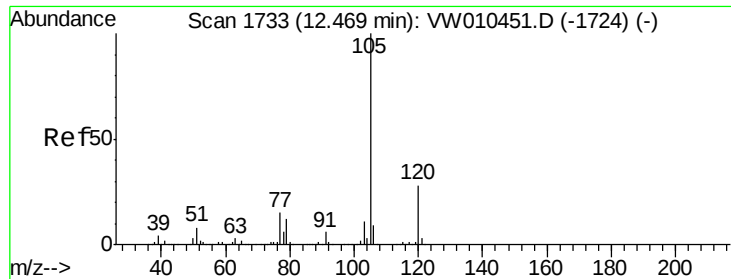


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.531 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

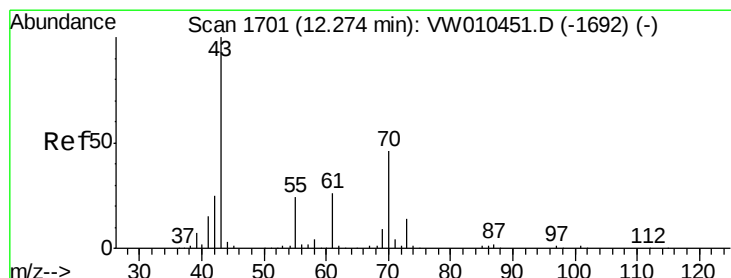
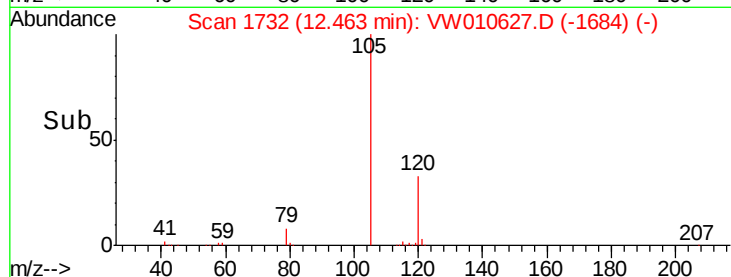
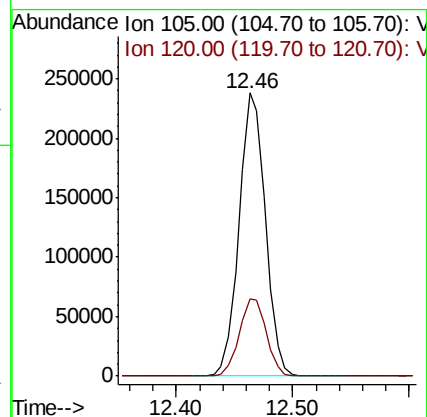
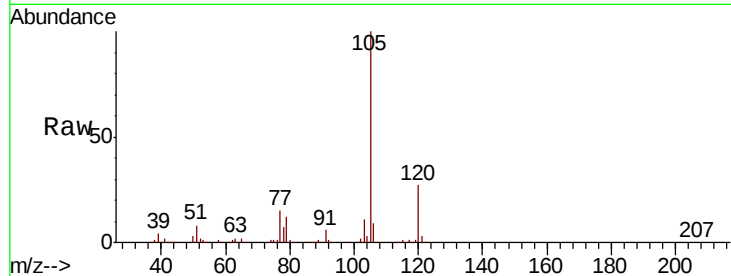
VSTDCCC050EC

Tot Ion:105 Resp: 374270

Ion Ratio Lower Upper

105 100

120 28.1 13.9 41.7



#74

N-ethyl acetate

Concen: 48.433 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Tgt Ion: 43 Resp: 80610

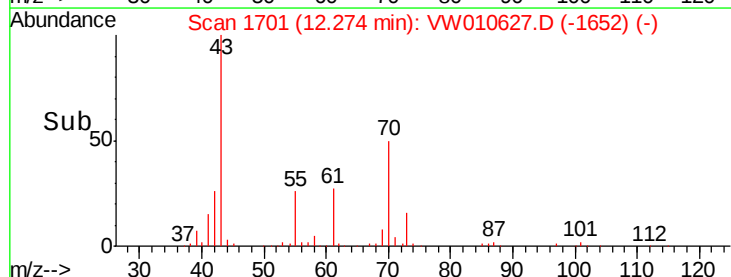
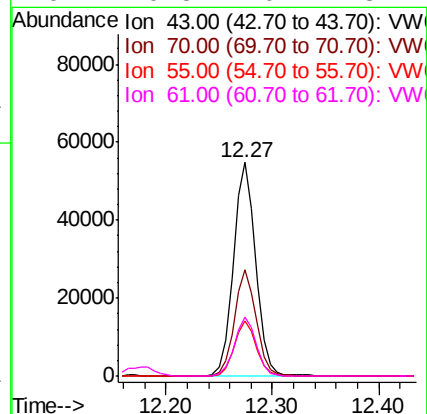
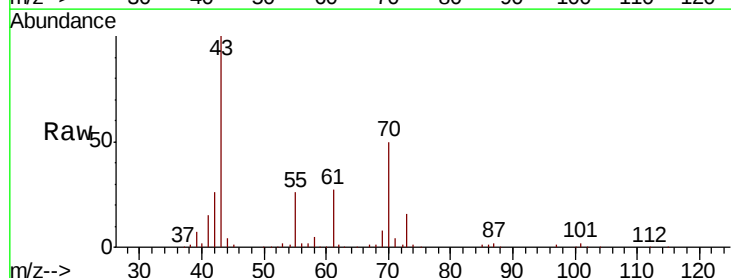
Ion Ratio Lower Upper

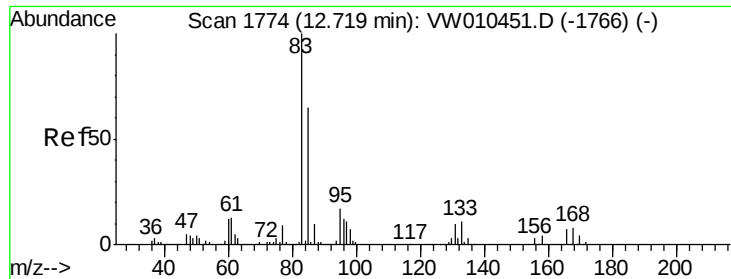
43 100

70 48.7 37.1 55.7

55 25.4 19.6 29.4

61 26.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.532 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

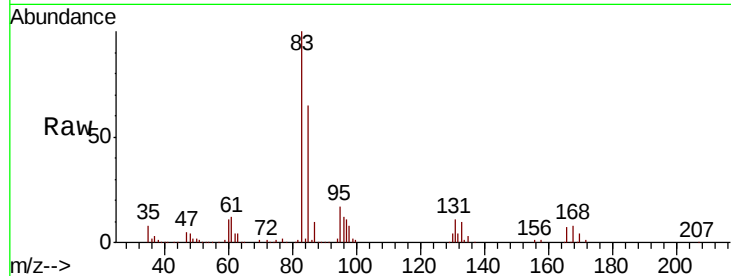
Tot Ion: 83 Resp: 69398

Ion Ratio Lower Upper

83 100

131 11.7 5.6 16.8

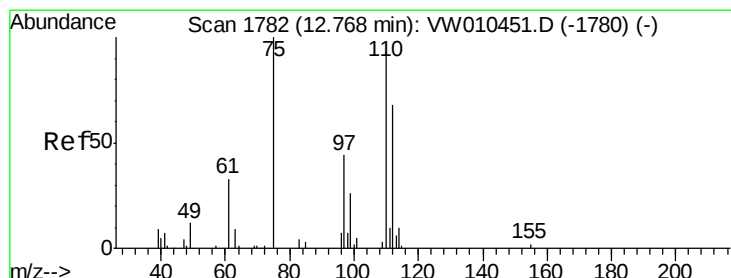
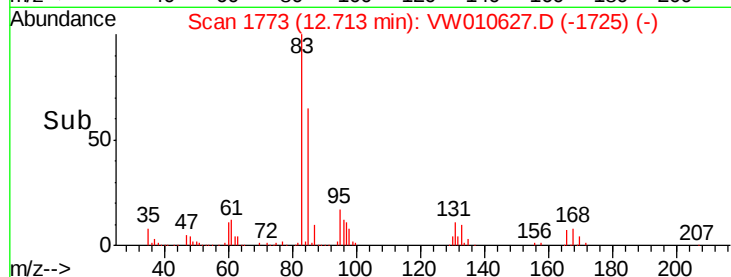
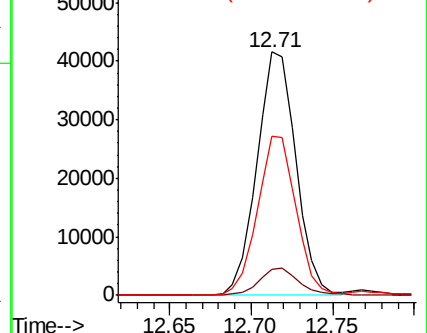
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 93.237 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010627.D

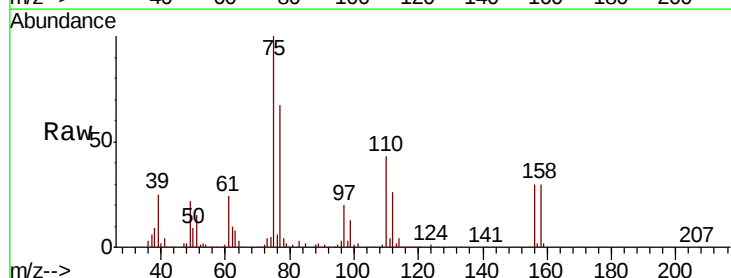
Acq: 30 May 2019 21:00

Tgt Ion: 75 Resp: 86623

Ion Ratio Lower Upper

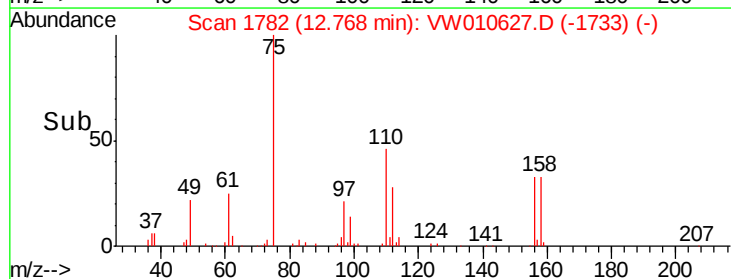
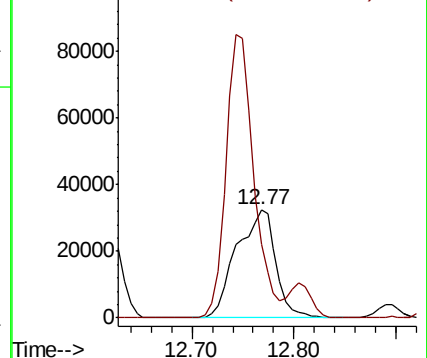
75 100

77 0.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.953 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

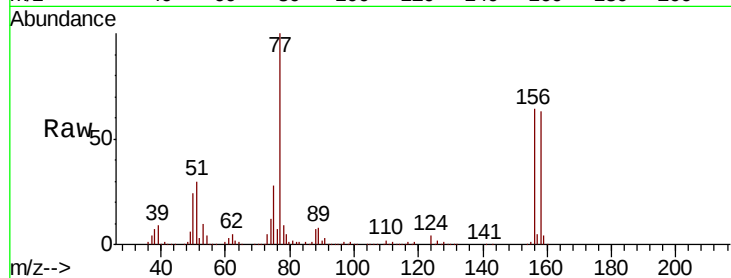
Tot Ion:156 Resp: 90943

Ion Ratio Lower Upper

156 100

77 176.7 92.4 277.2

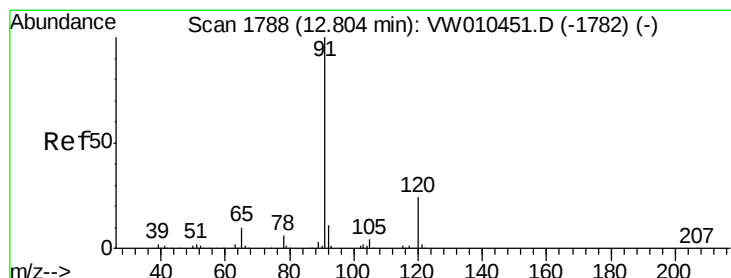
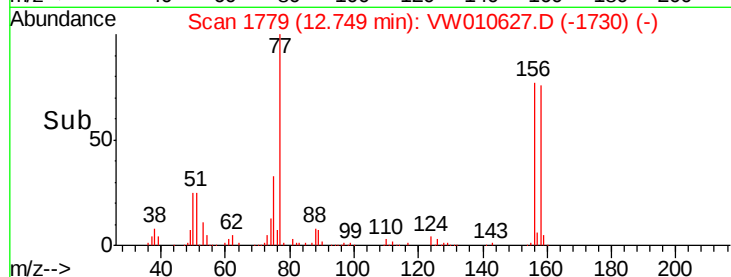
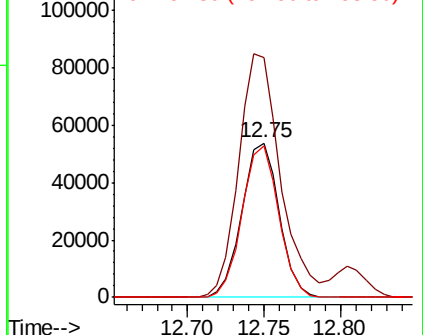
158 96.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.371 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010627.D

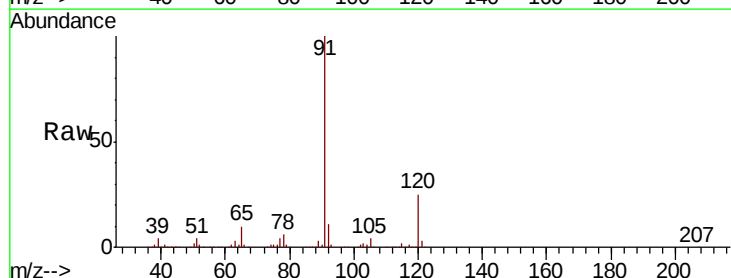
Acq: 30 May 2019 21:00

Tgt Ion: 91 Resp: 426353

Ion Ratio Lower Upper

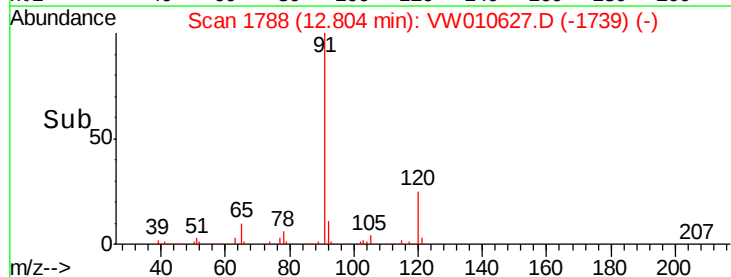
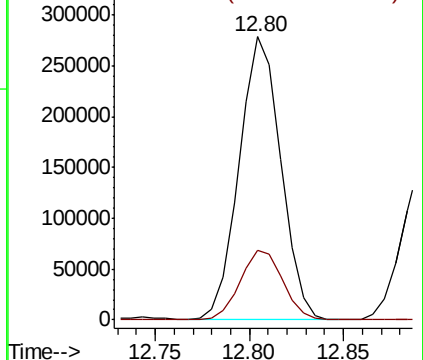
91 100

120 25.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.767 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

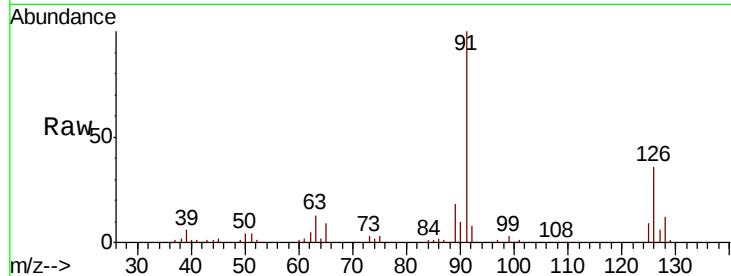
VSTDCCC050EC

Tot Ion: 91 Resp: 254103

Ion Ratio Lower Upper

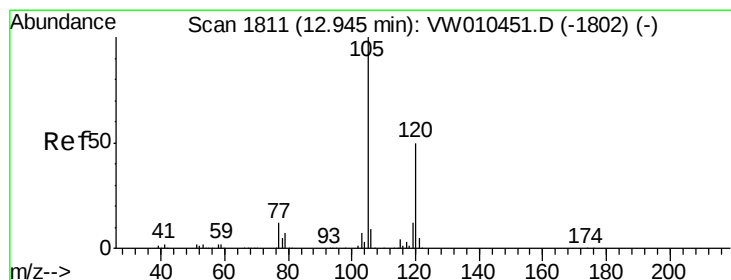
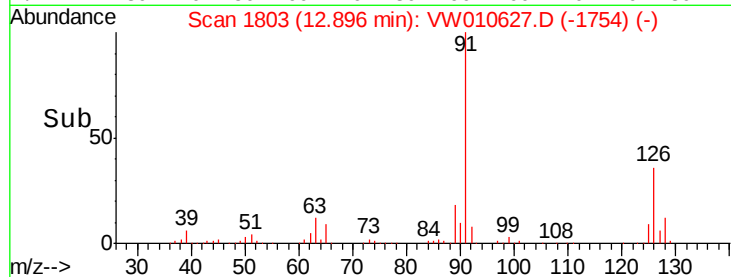
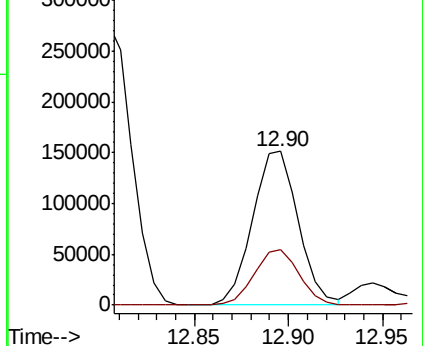
91 100

126 35.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.782 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010627.D

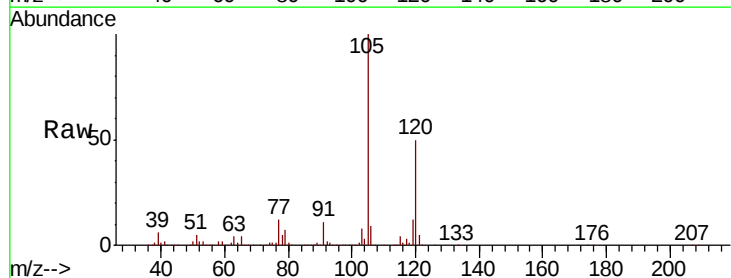
Acq: 30 May 2019 21:00

Tgt Ion:105 Resp: 312381

Ion Ratio Lower Upper

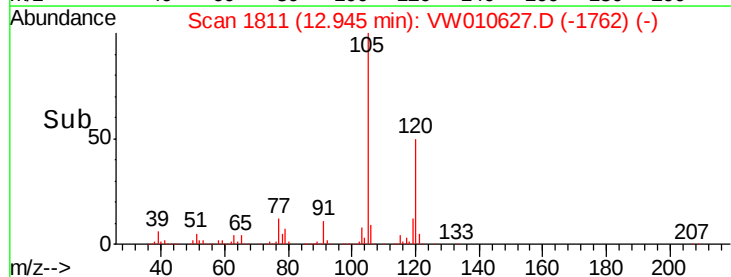
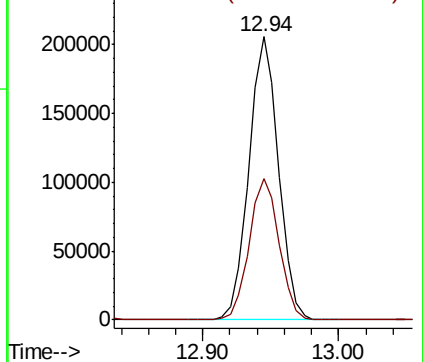
105 100

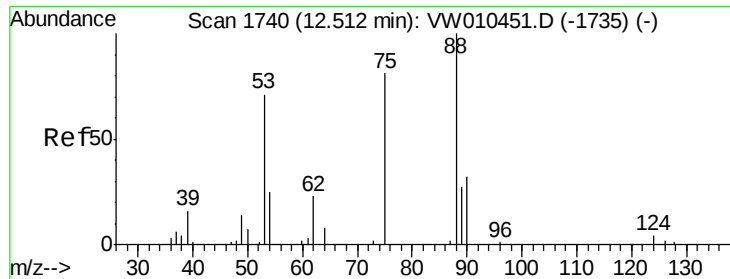
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.821 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

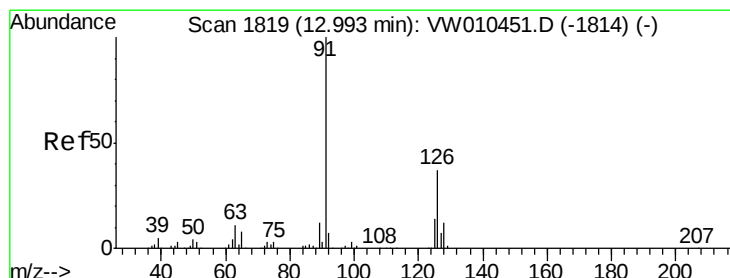
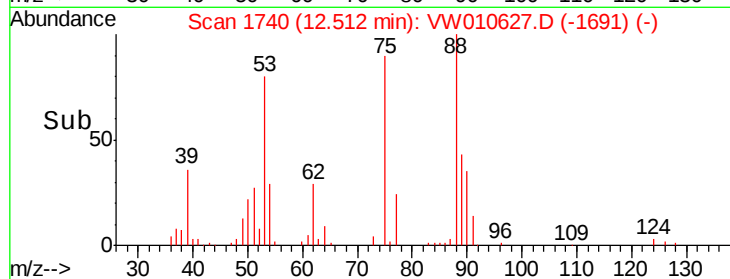
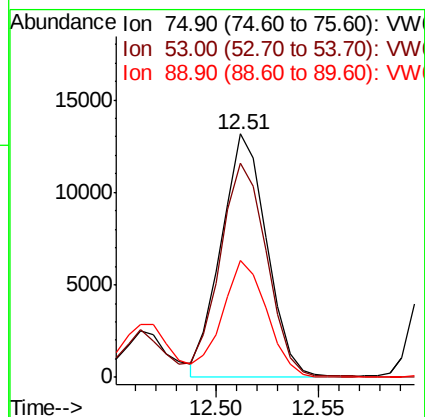
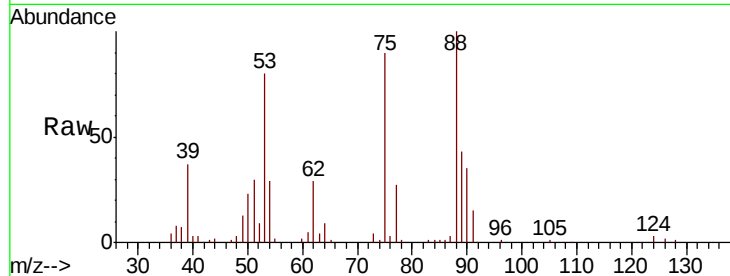
Tot Ion: 75 Resp: 20398

Ion Ratio Lower Upper

75 100

53 91.6 69.8 104.8

89 47.1 39.5 59.3



#82

4-Chlorotoluene

Concen: 51.455 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010627.D

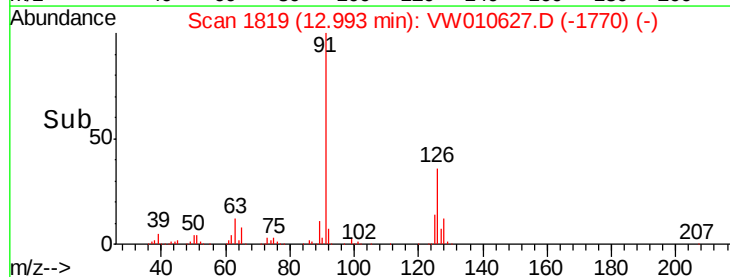
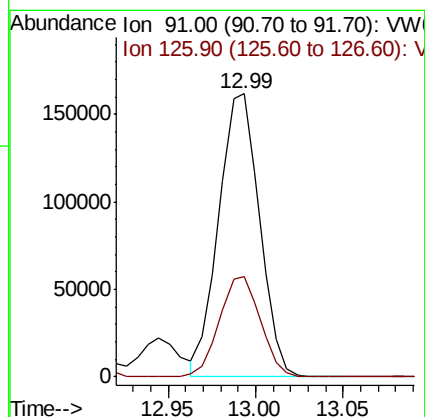
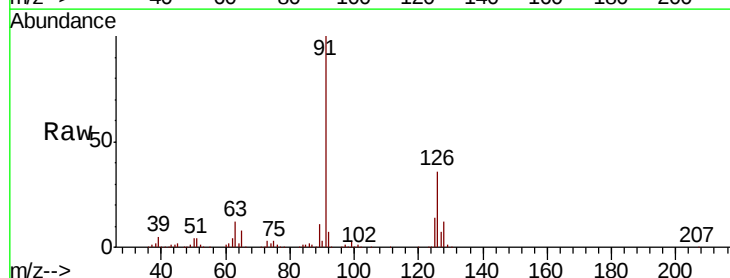
Acq: 30 May 2019 21:00

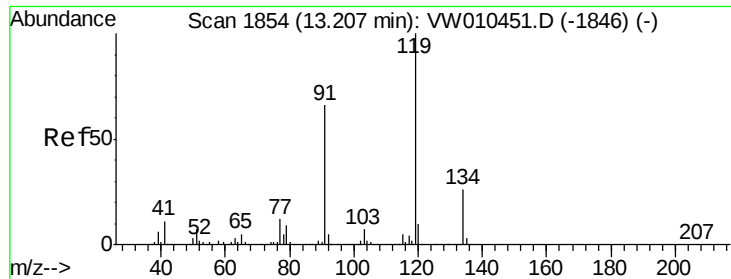
Tgt Ion: 91 Resp: 262158

Ion Ratio Lower Upper

91 100

126 35.8 17.5 52.6

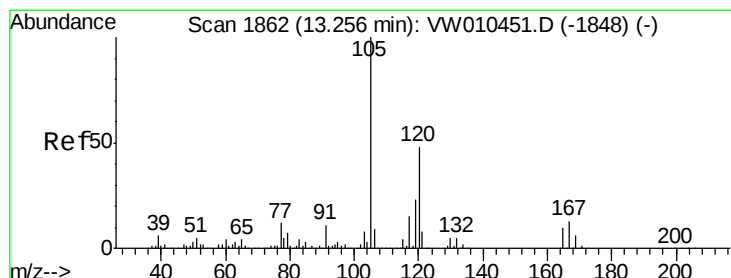
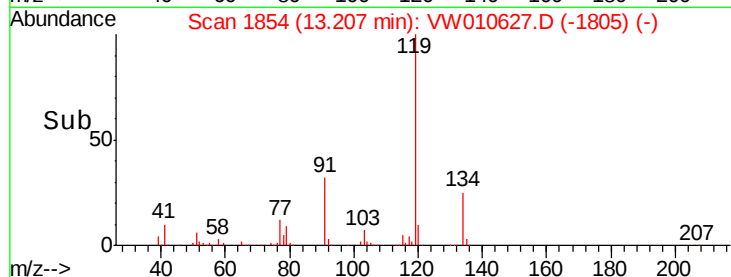
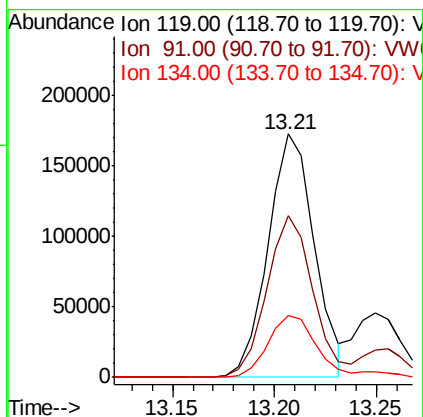
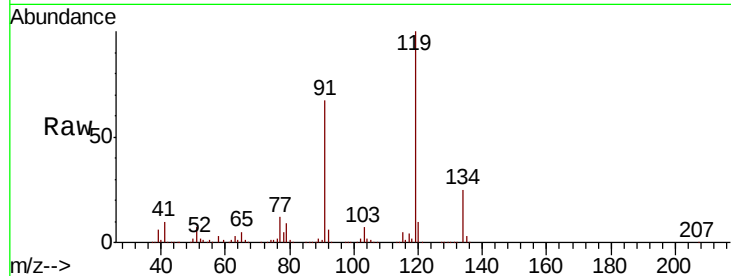




#83
tert-Butylbenzene
Concen: 50.782 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

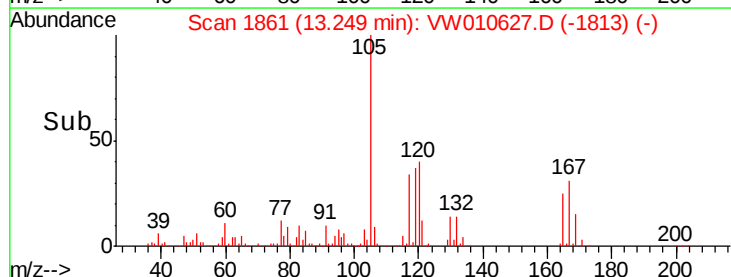
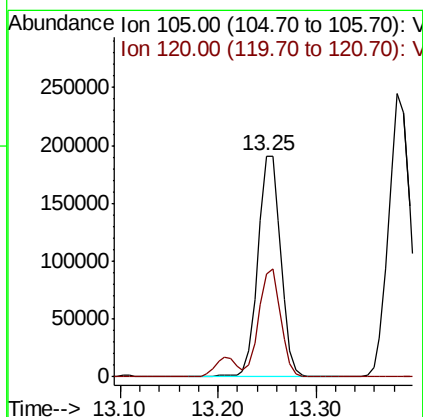
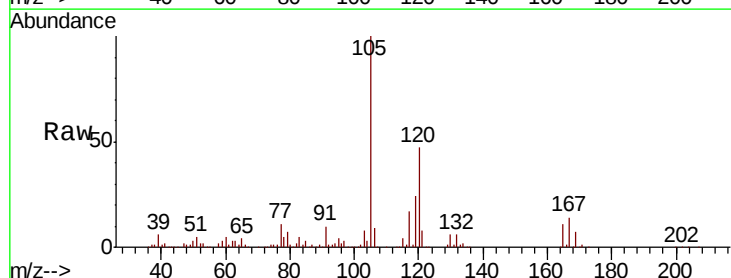
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

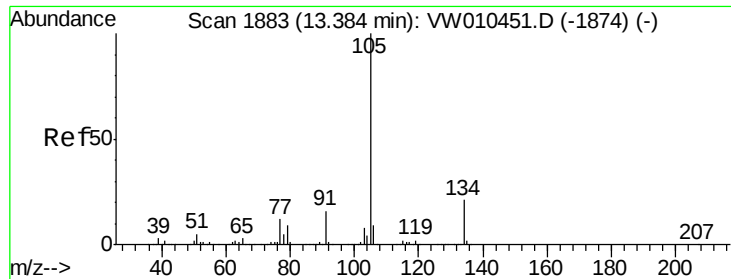
Tot Ion:119 Resp: 272865
Ion Ratio Lower Upper
119 100
91 66.5 33.1 99.5
134 27.9 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 50.779 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion:105 Resp: 311104
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2





#85

sec-Butylbenzene

Concen: 50.258 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

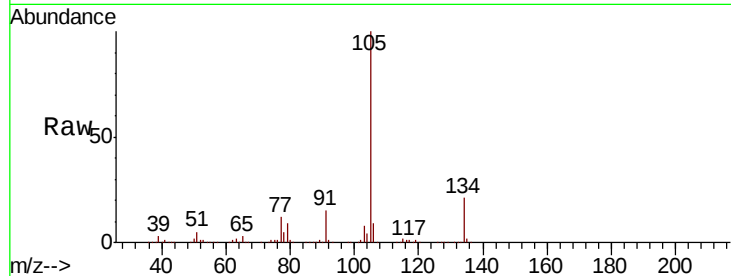
VSTDCCC050EC

Tot Ion:105 Resp: 377917

Ion Ratio Lower Upper

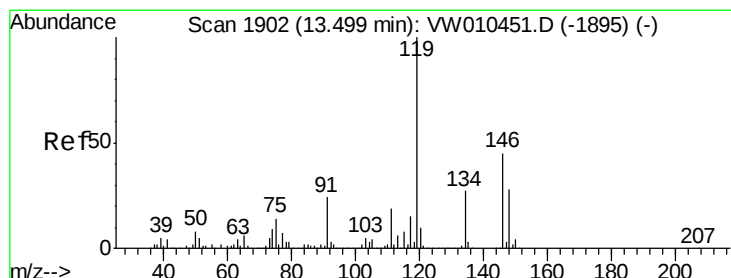
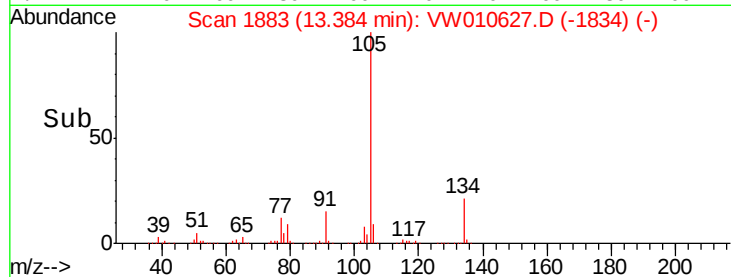
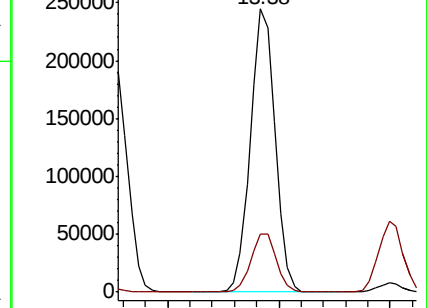
105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.222 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

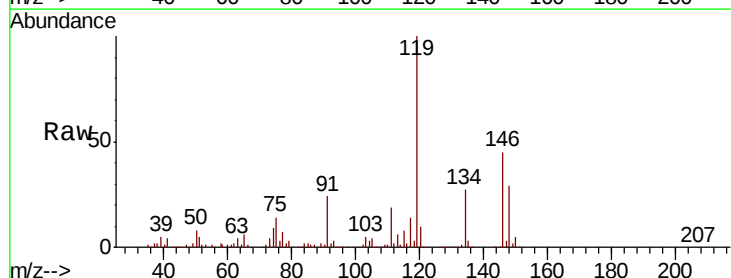
Tgt Ion:119 Resp: 341822

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

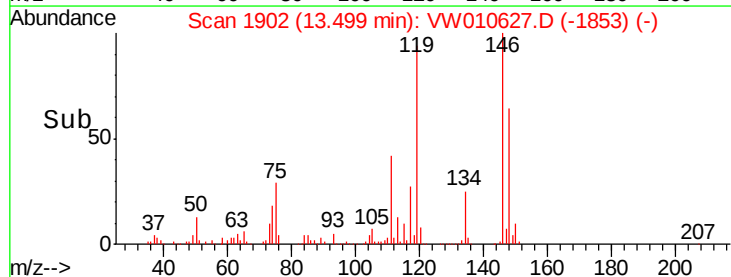
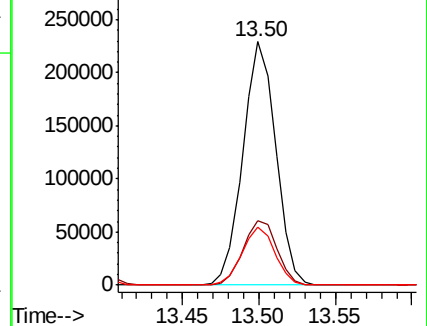
91 23.7 11.9 35.7

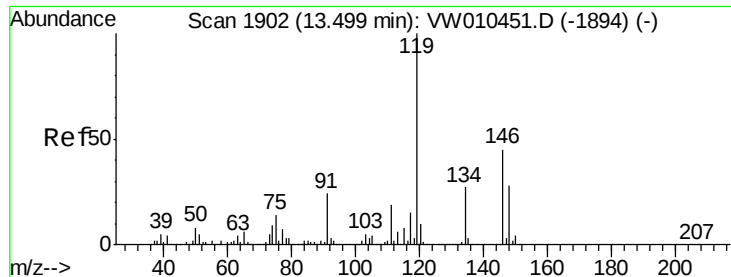


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

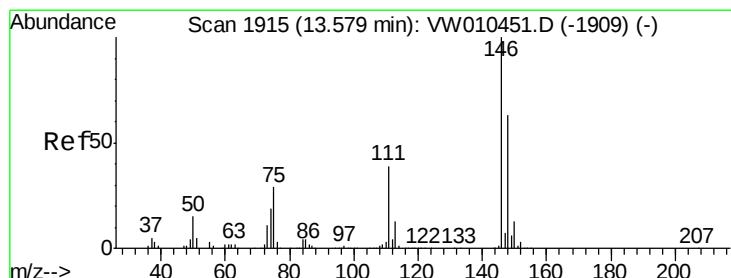
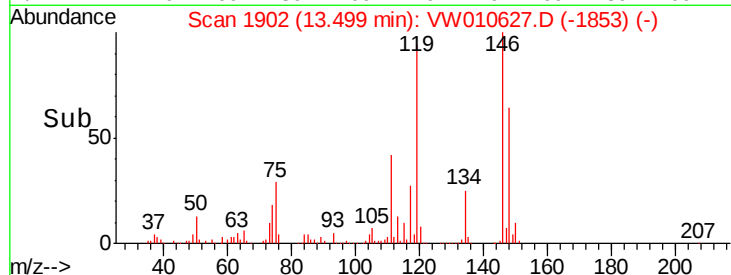
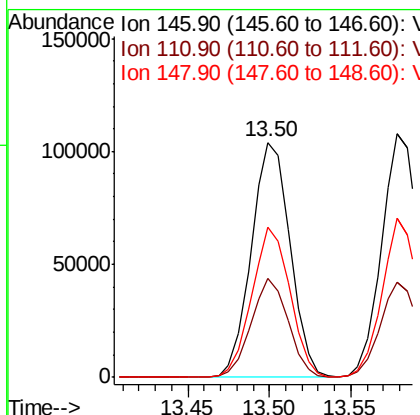
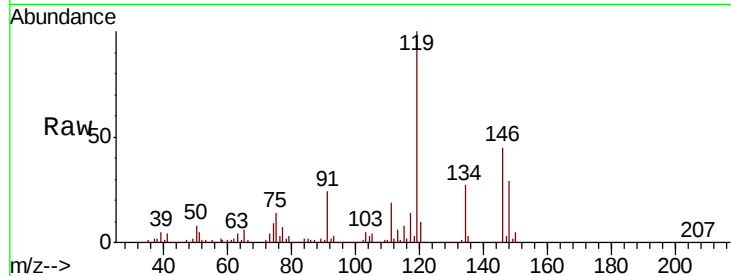




#87
 1,3-Dichlorobenzene
 Concen: 53.861 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

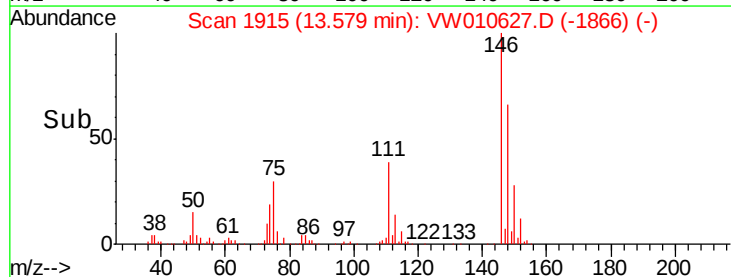
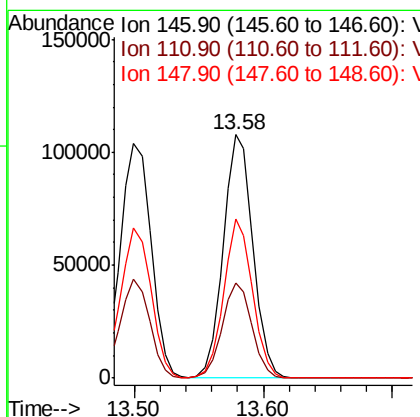
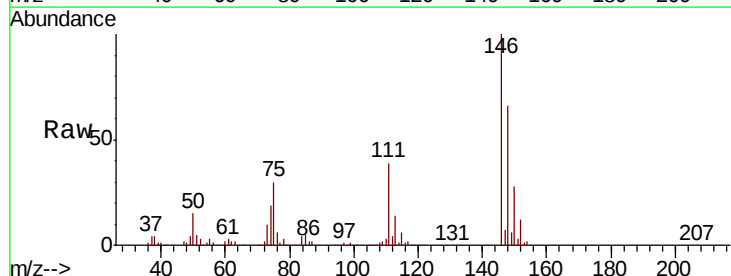
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

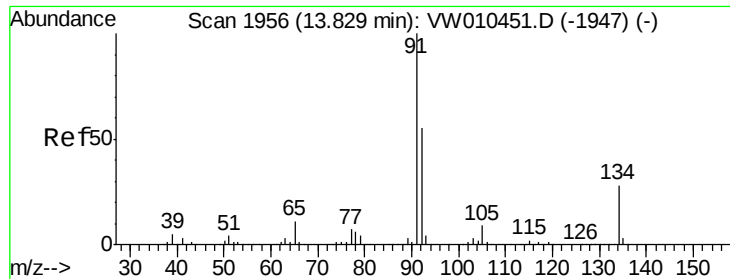
Tot Ion:146 Resp: 171753
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 62.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 54.094 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion:146 Resp: 173069
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.6
 148 63.5 31.6 94.8

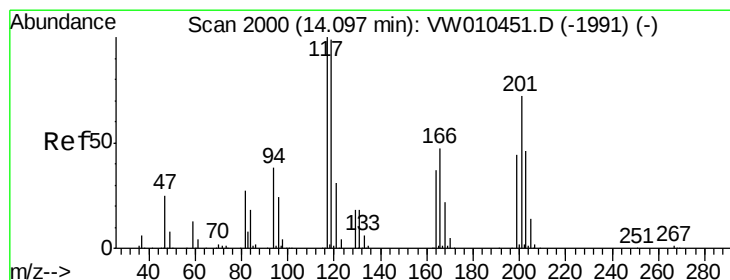
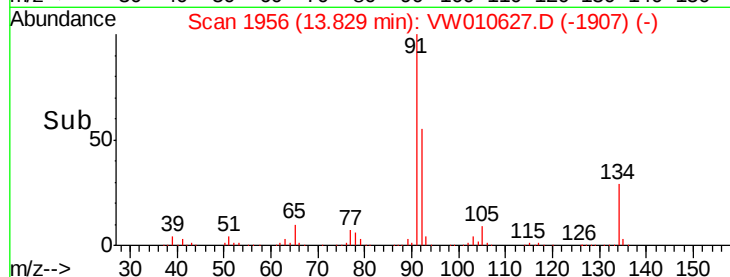
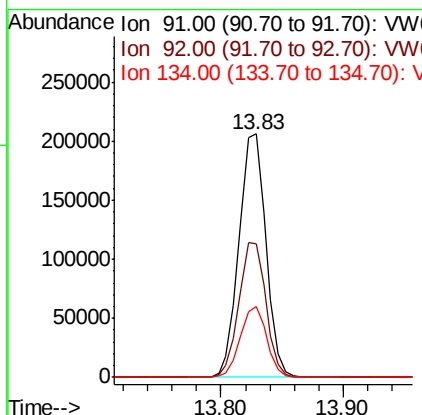
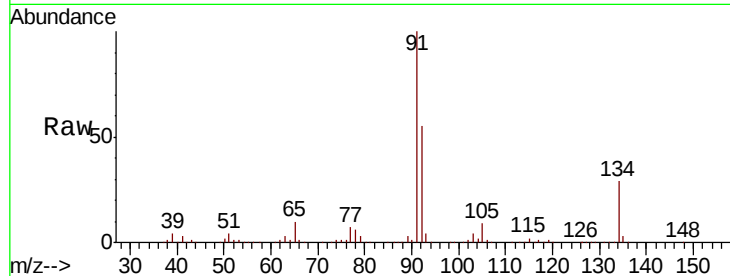




#89
n-Butylbenzene
Concen: 48.542 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

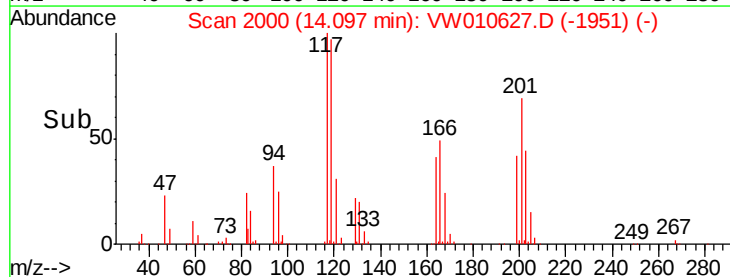
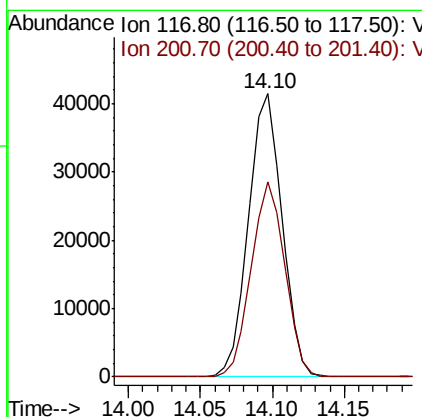
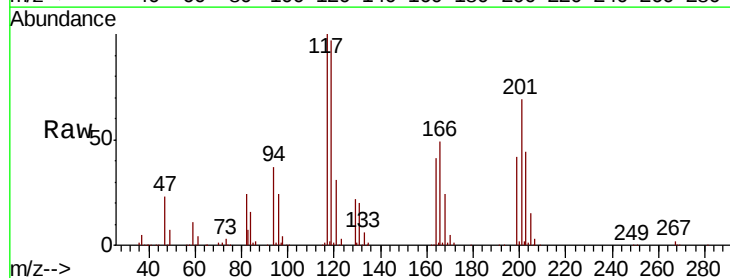
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

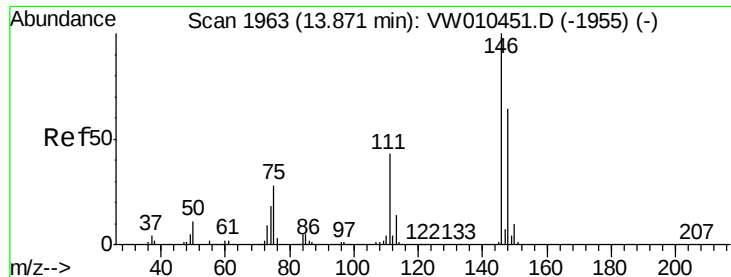
Tot Ion: 91 Resp: 314258
Ion Ratio Lower Upper
91 100
92 55.6 27.7 83.1
134 28.7 13.9 41.6



#90
Hexachloroethane
Concen: 50.714 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010627.D
Acq: 30 May 2019 21:00

Tgt Ion: 117 Resp: 66810
Ion Ratio Lower Upper
117 100
201 69.2 34.6 103.8

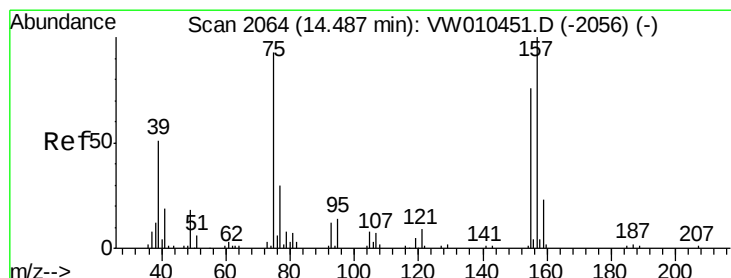
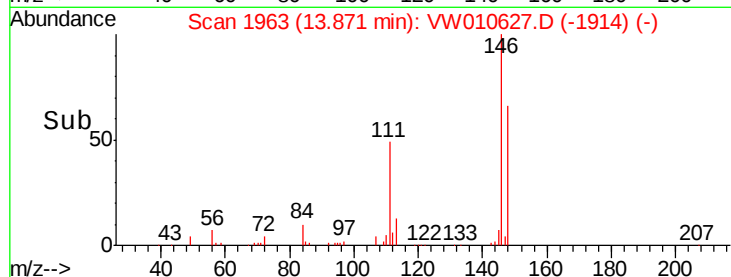
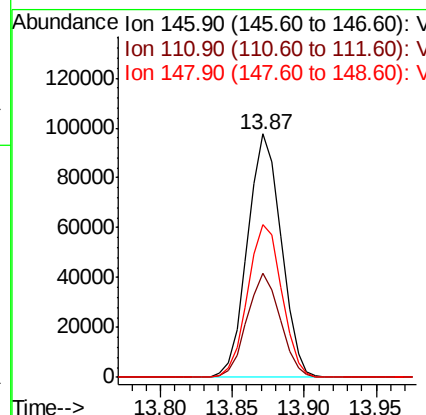
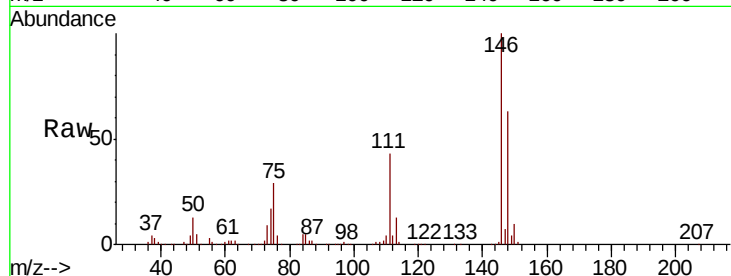




#91
 1,2-Dichlorobenzene
 Concen: 54.196 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

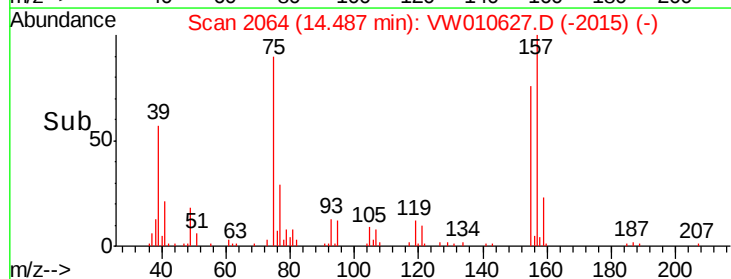
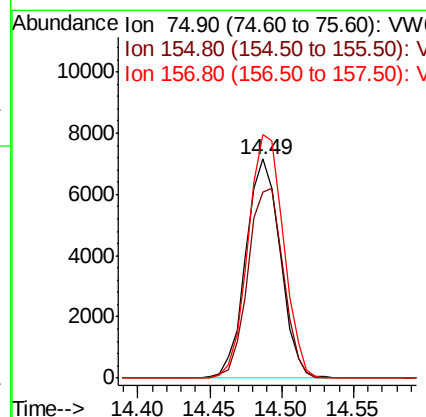
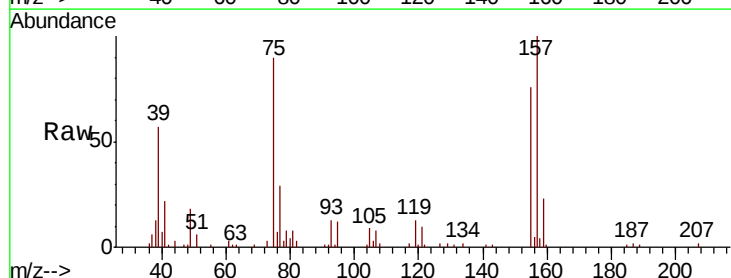
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

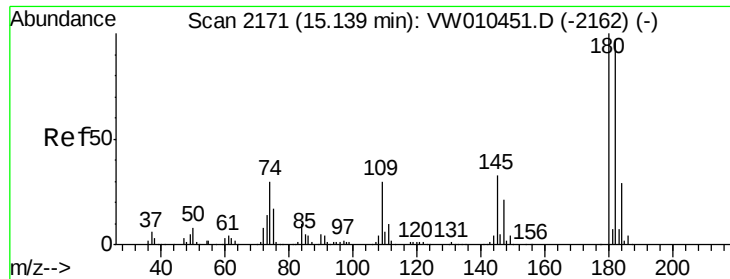
Tot Ion:146 Resp: 157468
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 64.0
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.314 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion: 75 Resp: 11868
 Ion Ratio Lower Upper
 75 100
 155 88.1 43.0 129.0
 157 113.9 55.7 167.1

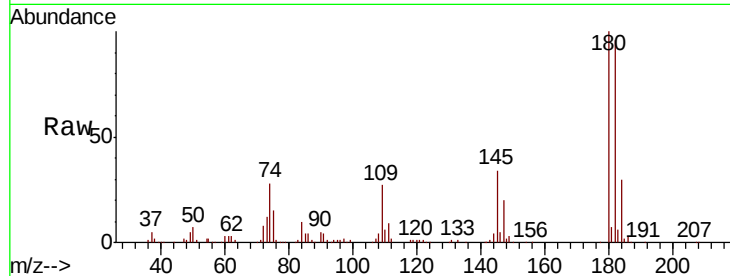




#93
 1,2,4-Trichlorobenzene
 Concen: 53.748 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.2
145	33.5	16.7	50.0

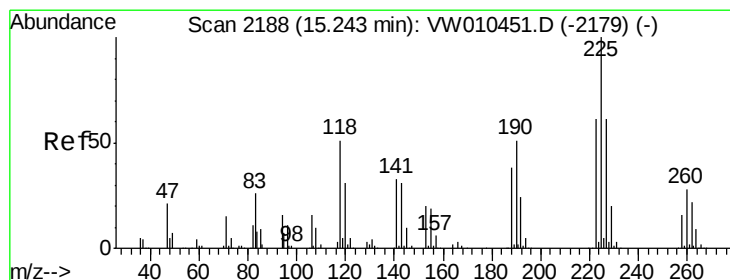
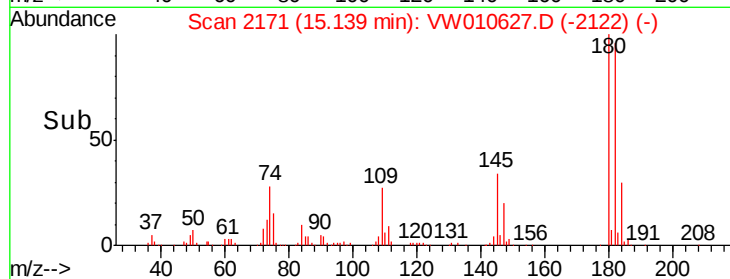
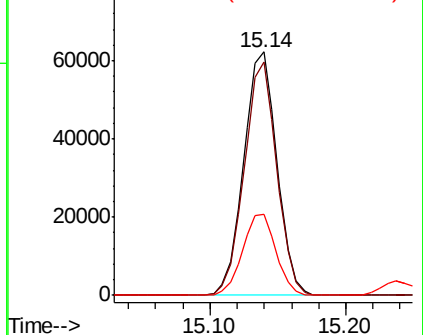


Abundance

Ion 179.80 (179.50 to 180.50): V

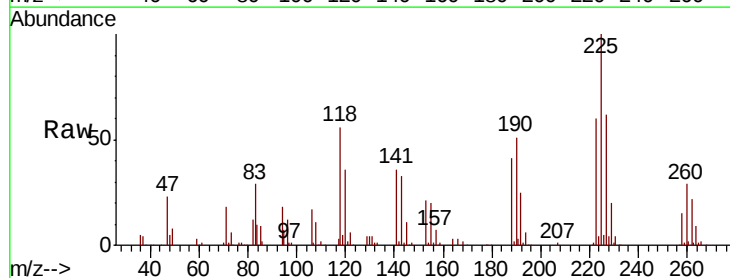
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.414 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010627.D
 Acq: 30 May 2019 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.2
227	63.2	31.1	93.5

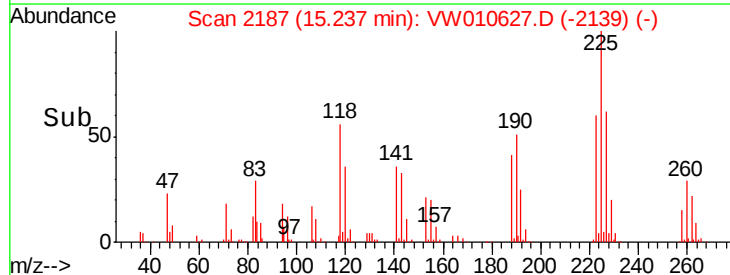
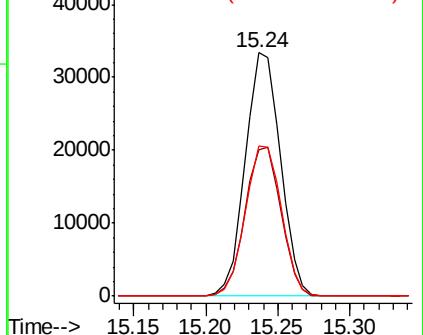


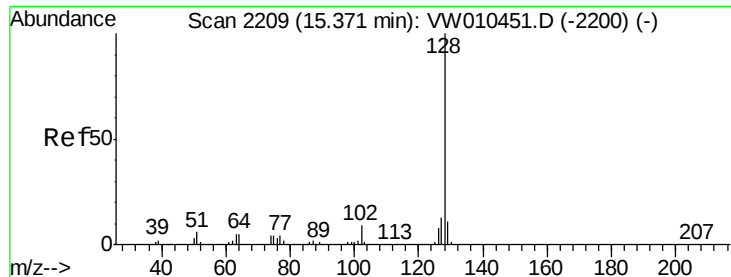
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.391 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

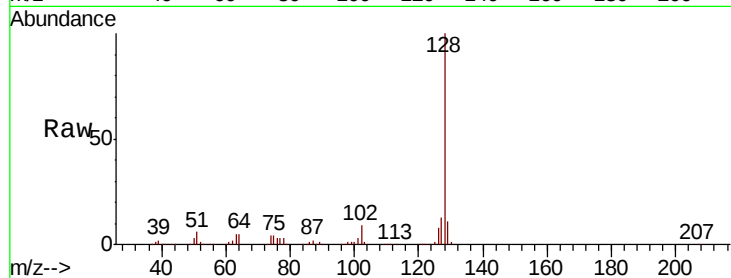
Tot Ion:128 Resp: 217411

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

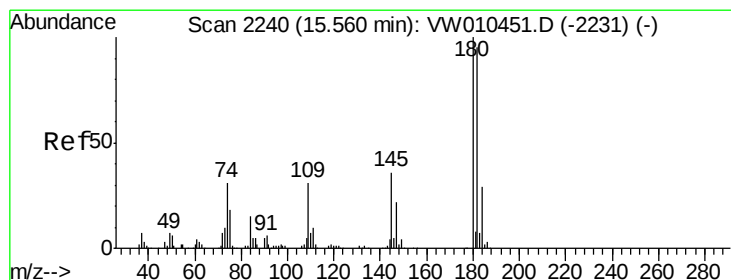
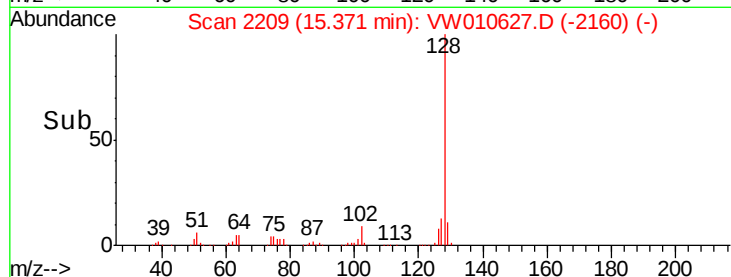
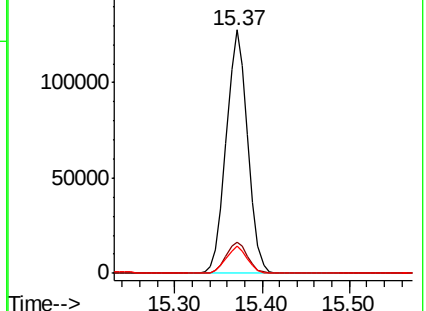
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.226 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010627.D

Acq: 30 May 2019 21:00

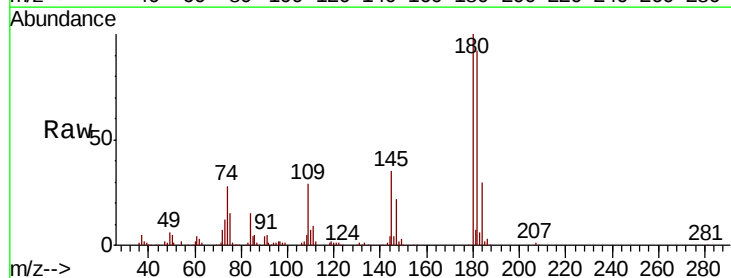
Tgt Ion:180 Resp: 92241

Ion Ratio Lower Upper

180 100

182 93.3 47.1 141.3

145 35.5 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

