

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001115.D
 Acq On : 27 Dec 2019 21:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 04:07:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	493511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	438931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139525	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.73	113	145723	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.18	98	590639	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.47	95	191253	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	101868	43.683	ug/l	98
3) Chloromethane	2.12	50	118113	37.214	ug/l	97
4) Vinyl Chloride	2.25	62	112244	36.416	ug/l	99
5) Bromomethane	2.65	94	81580	41.393	ug/l	97
6) Chloroethane	2.79	64	85306	44.436	ug/l	99
7) Trichlorofluoromethane	3.13	101	215092	47.577	ug/l	95
8) Diethyl Ether	3.54	74	106418	57.666	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	153322	51.629	ug/l	99
10) Methyl Iodide	4.09	142	209088	50.960	ug/l	100
11) Tert butyl alcohol	4.97	59	85092	293.196	ug/l	99
12) 1,1-Dichloroethene	3.88	96	152015	50.561	ug/l	98
13) Acrolein	3.74	56	87156	242.373	ug/l	96
14) Allyl chloride	4.49	41	229346	49.104	ug/l	98
15) Acrylonitrile	5.18	53	285887	309.975	ug/l	98
16) Acetone	3.96	43	177565	292.013	ug/l	95
17) Carbon Disulfide	4.19	76	394948	40.201	ug/l	99
18) Methyl Acetate	4.49	43	137952	59.133	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	464798	59.898	ug/l	100
20) Methylene Chloride	4.72	84	197457	55.169	ug/l	87
21) trans-1,2-Dichloroethene	5.22	96	180195	54.080	ug/l	96
22) Diisopropyl ether	6.13	45	508951	53.911	ug/l	96
23) Vinyl Acetate	6.07	43	1611024	270.209	ug/l	98
24) 1,1-Dichloroethane	6.03	63	308273	55.257	ug/l	98
25) 2-Butanone	7.00	43	317074	296.823	ug/l	92
26) 2,2-Dichloropropane	6.99	77	215812	47.084	ug/l	94
27) cis-1,2-Dichloroethene	7.00	96	208357	56.918	ug/l	97
28) Bromochloromethane	7.34	49	113676	52.222	ug/l	89
29) Tetrahydrofuran	7.36	42	212989	280.302	ug/l	93
30) Chloroform	7.52	83	302435	57.330	ug/l	99
31) Cyclohexane	7.79	56	247698	42.223	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	242912	53.979	ug/l	99
36) 1,1-Dichloropropene	7.93	75	228457	48.525	ug/l	100
37) Ethyl Acetate	7.08	43	139336	53.449	ug/l	99
38) Carbon Tetrachloride	7.91	117	204208	49.506	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	288547	46.152	ug/l	96
40) Benzene	8.17	78	742236	52.257	ug/l	98
41) Methacrylonitrile	7.36	41	182665	161.618	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	185080	54.502	ug/l	100
43) Isopropyl Acetate	8.28	43	258845	53.638	ug/l	96
44) Trichloroethene	8.94	130	194136	51.875	ug/l	99
45) 1,2-Dichloropropane	9.22	63	193831	54.398	ug/l	96
46) Dibromomethane	9.31	93	104853	57.085	ug/l	97
47) Bromodichloromethane	9.50	83	236441	55.572	ug/l	98
48) Methyl methacrylate	9.30	41	108817	52.841	ug/l	90
49) 1,4-Dioxane	9.30	88	33339	1240.792	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	687149	273.191	ug/l	96
52) Toluene	10.24	92	464235	53.103	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	252373	54.656	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	299756	53.987	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	161590	58.929	ug/l	95
56) Ethyl methacrylate	10.51	69	227819	58.375	ug/l	94
57) 1,3-Dichloropropane	10.79	76	270763	56.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	365477	242.462	ug/l	98
59) 2-Hexanone	10.83	43	475123	272.993	ug/l	96
60) Dibromochloromethane	10.99	129	171530	58.561	ug/l	100
61) 1,2-Dibromoethane	11.08	107	156202	59.569	ug/l	98
64) Tetrachloroethene	10.72	164	207134	54.541	ug/l	98
65) Chlorobenzene	11.51	112	500234	54.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	171880	57.205	ug/l	99
67) Ethyl Benzene	11.59	91	862808	52.686	ug/l	100
68) m/p-Xylenes	11.70	106	668016	107.431	ug/l	97
69) o-Xylene	12.03	106	323361	55.277	ug/l	96
70) Styrene	12.04	104	560080	56.308	ug/l	98
71) Bromoform	12.20	173	102748	61.415	ug/l #	100
73) Isopropylbenzene	12.33	105	820845	53.824	ug/l	99
74) N-amyl acetate	12.14	43	217889	54.385	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	179053	59.598	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	237074	97.581	ug/l #	100
77) Bromobenzene	12.60	156	195905	57.117	ug/l	97
78) n-propylbenzene	12.67	91	985596	53.039	ug/l	99
79) 2-Chlorotoluene	12.75	91	544869	53.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	679484	54.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	65744	57.714	ug/l	99
82) 4-Chlorotoluene	12.85	91	568420	53.327	ug/l	99
83) tert-Butylbenzene	13.07	119	559843	53.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	679902	54.125	ug/l	99
85) sec-Butylbenzene	13.25	105	821259	53.088	ug/l	100
86) p-Isopropyltoluene	13.36	119	713925	53.334	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	360780	54.768	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	365001	54.927	ug/l	99
89) n-Butylbenzene	13.69	91	695988	51.679	ug/l	99
90) Hexachloroethane	13.95	117	142211	56.390	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	346937	57.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	28039	55.783	ug/l	91

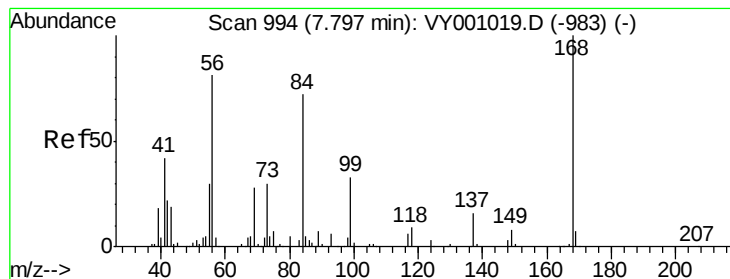
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	227711	55.519	ug/l	100
94) Hexachlorobutadiene	15.11	225	103234	52.892	ug/l	97
95) Naphthalene	15.23	128	573718	59.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	210548	57.563	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

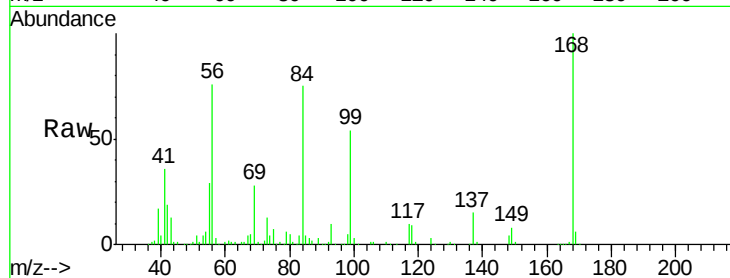
VSTDCCC050EC

Tgt Ion:168 Resp: 267623

Ion Ratio Lower Upper

168 100

99 54.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001115.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001115.D (-945) (-)

7.80

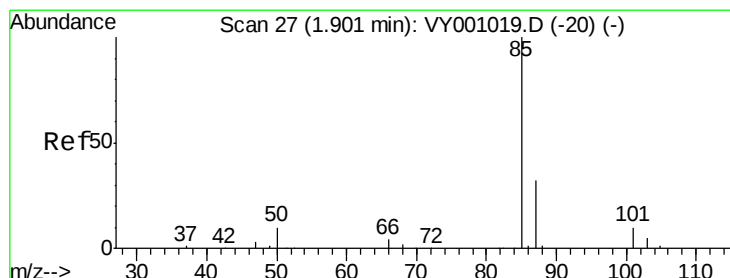
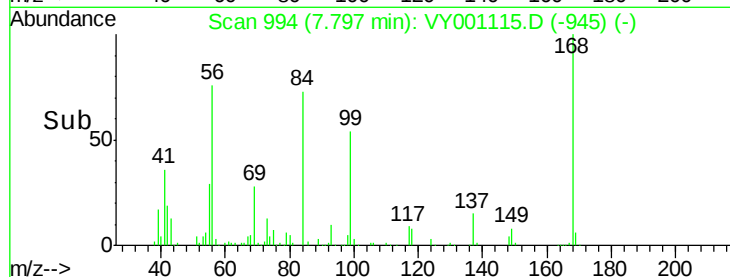
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.683 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001115.D

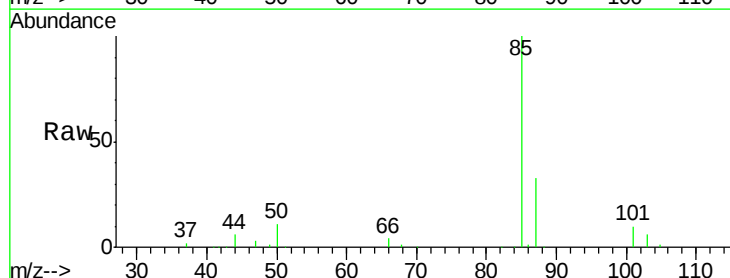
Acq: 27 Dec 2019 21:36

Tgt Ion: 85 Resp: 101868

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001115.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001115.D (-1) (-)

1.90

60000

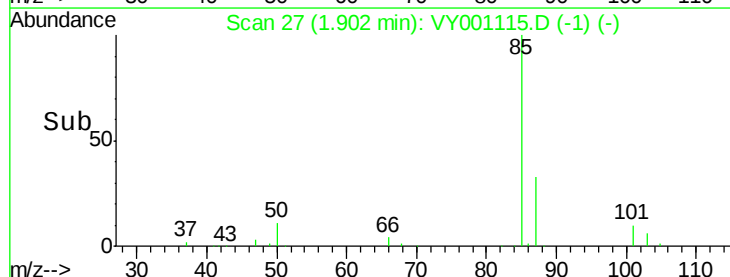
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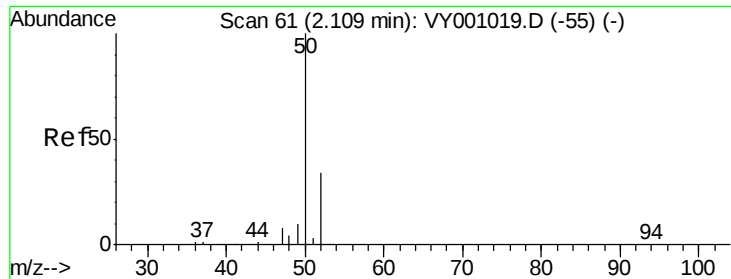
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 37.214 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

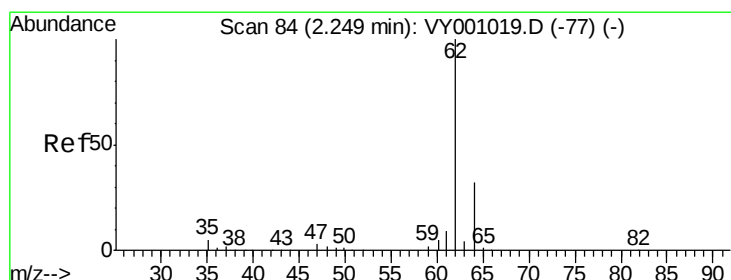
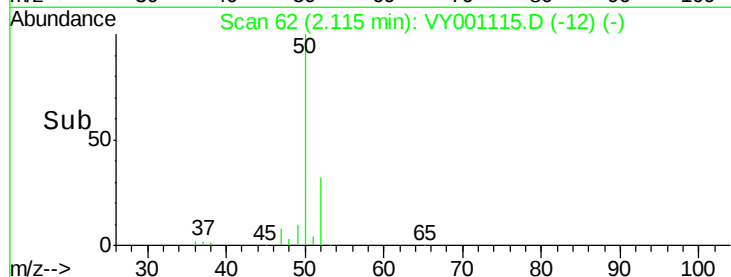
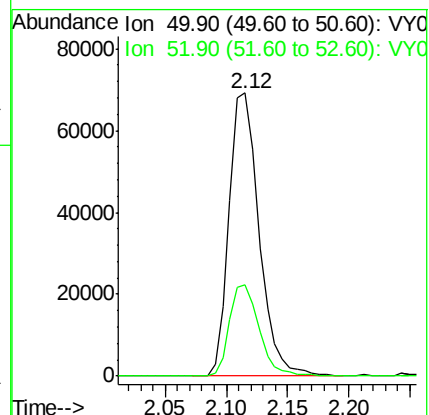
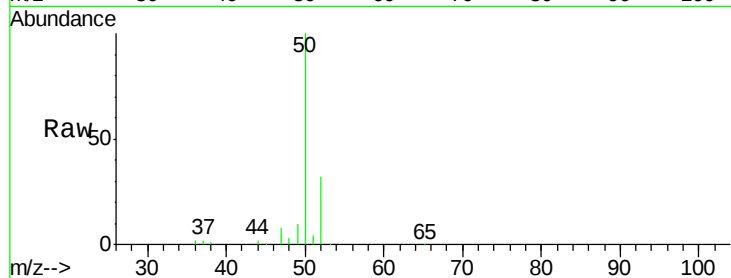
VSTDCCC050EC

Tgt Ion: 50 Resp: 118113

Ion Ratio Lower Upper

50 100

52 32.1 27.1 40.7



#4

Vinyl Chloride

Concen: 36.416 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001115.D

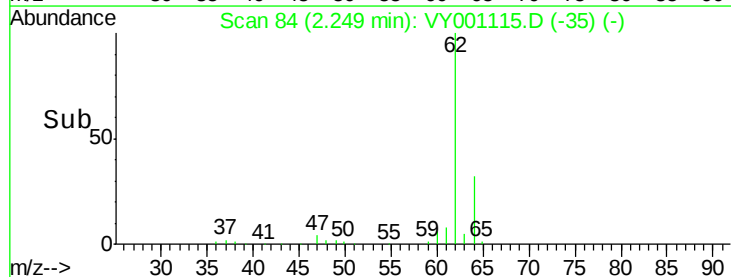
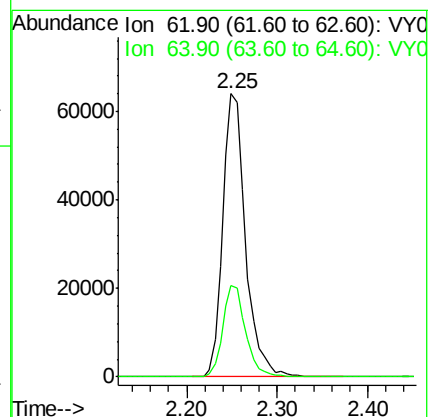
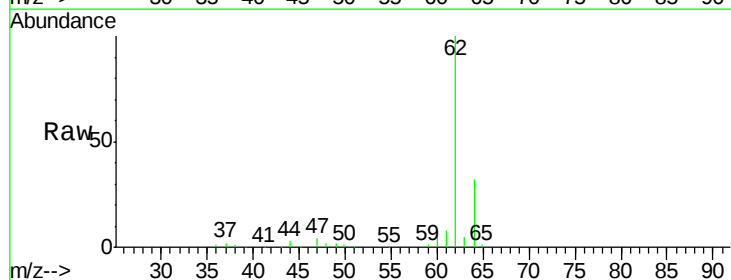
Acq: 27 Dec 2019 21:36

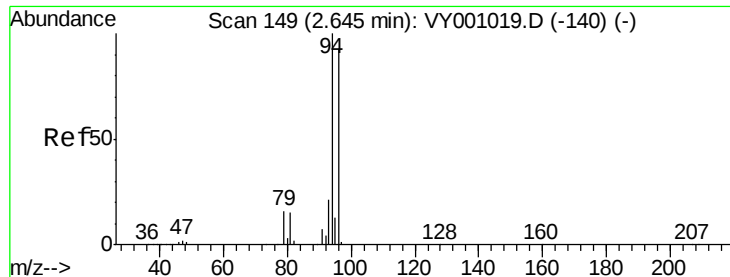
Tgt Ion: 62 Resp: 112244

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 41.393 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

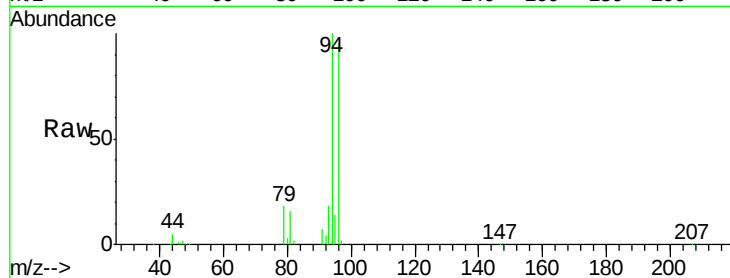
VSTDCCC050EC

Tgt Ion: 94 Resp: 81580

Ion Ratio Lower Upper

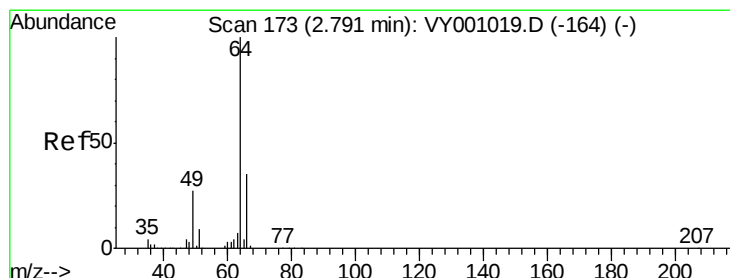
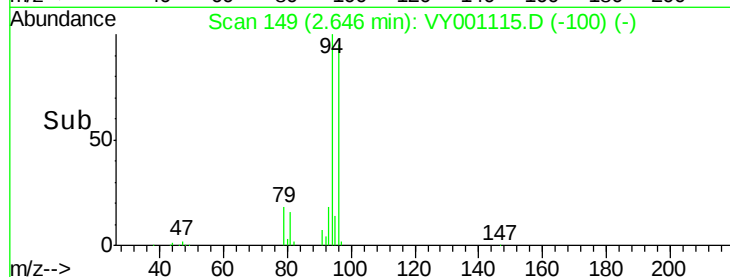
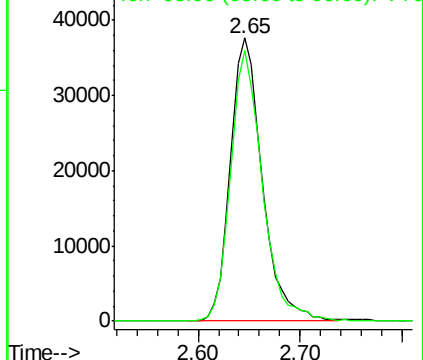
94 100

96 95.4 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.436 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001115.D

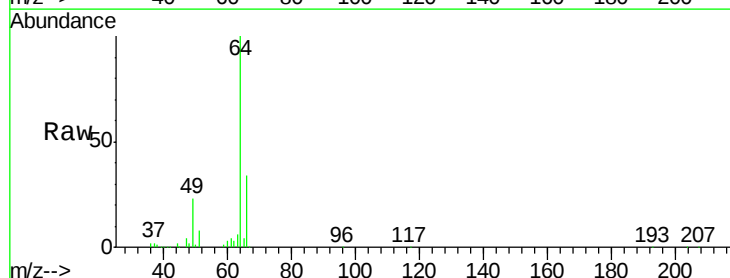
Acq: 27 Dec 2019 21:36

Tgt Ion: 64 Resp: 85306

Ion Ratio Lower Upper

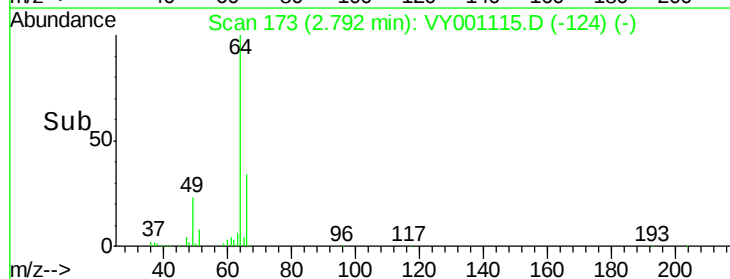
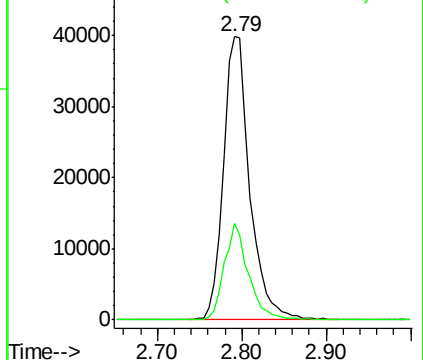
64 100

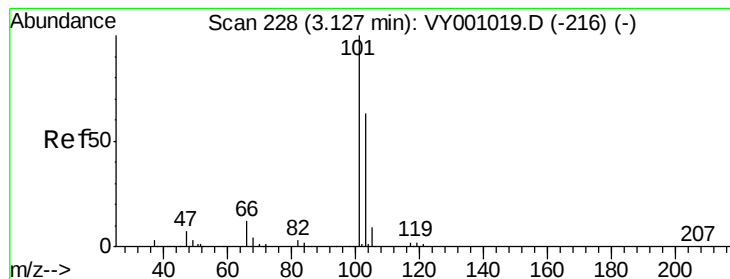
66 34.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



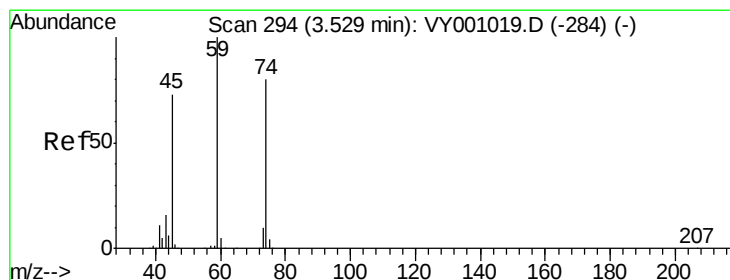
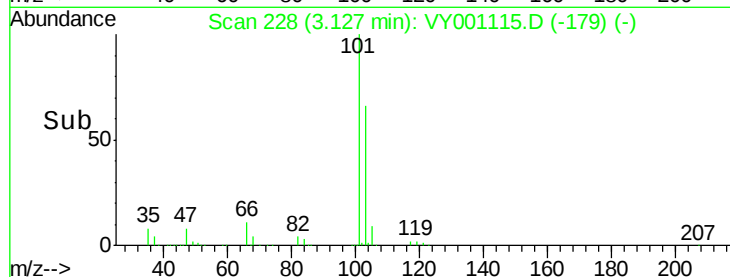
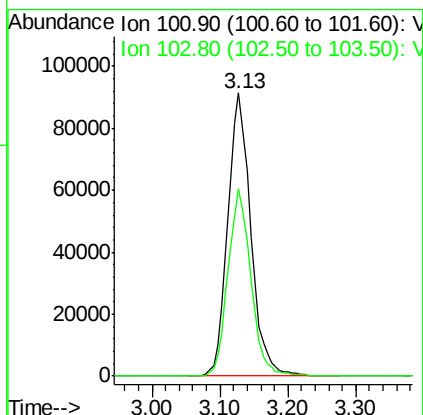
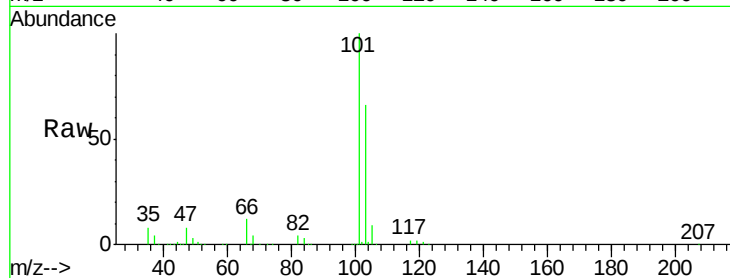


#7

Trichlorofluoromethane
 Concen: 47.577 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

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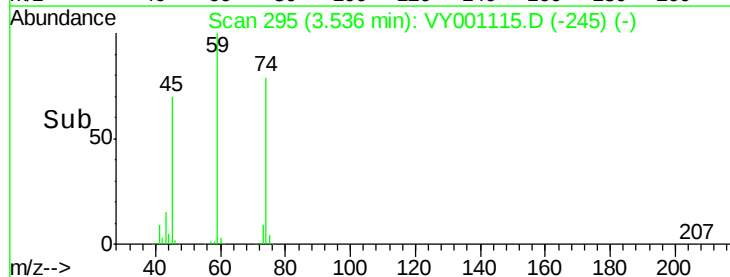
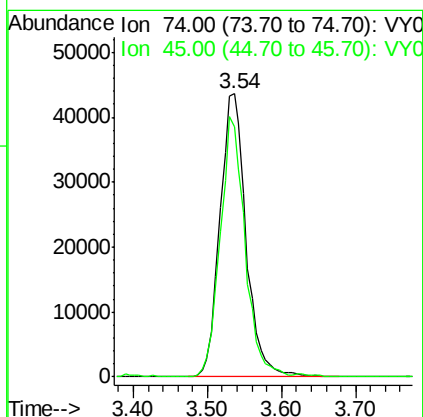
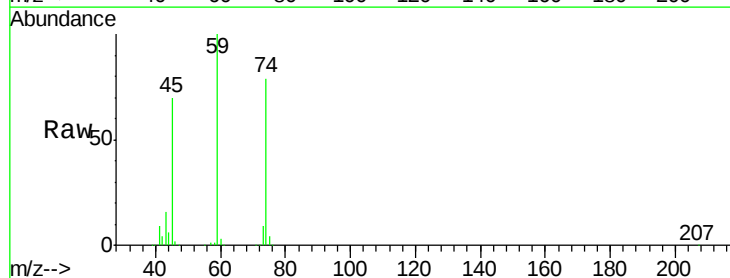
Tgt Ion: 101 Resp: 215092
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.2 75.2

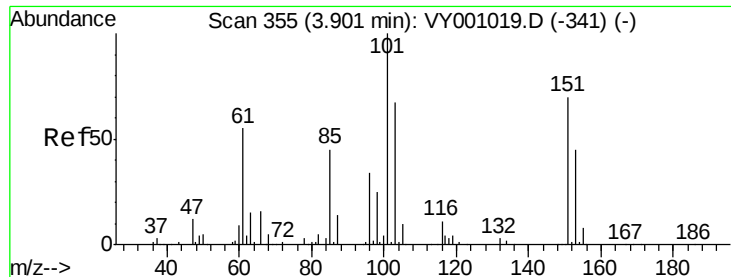


#8

Diethyl Ether
 Concen: 57.666 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 74 Resp: 106418
 Ion Ratio Lower Upper
 74 100
 45 87.4 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.629 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

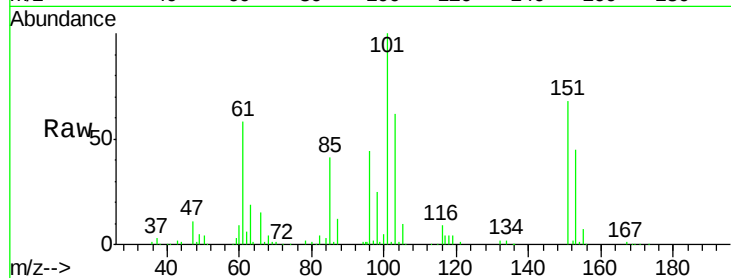
Tgt Ion:101 Resp: 153322

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

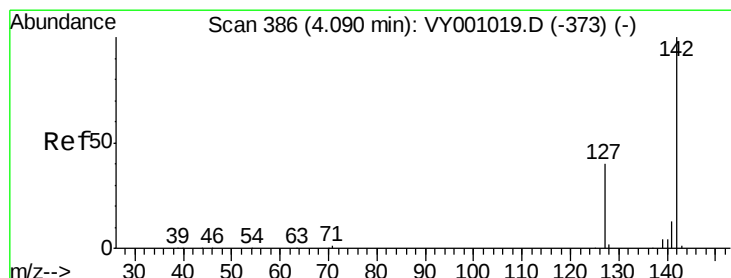
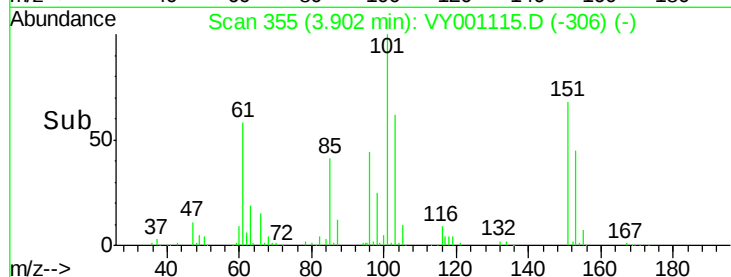
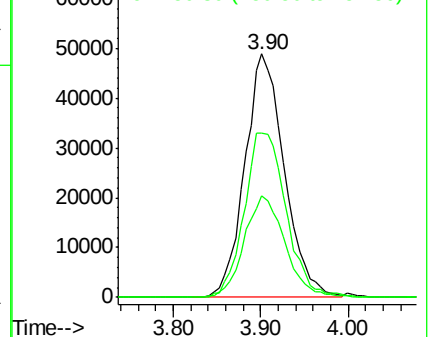
151 72.0 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.960 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

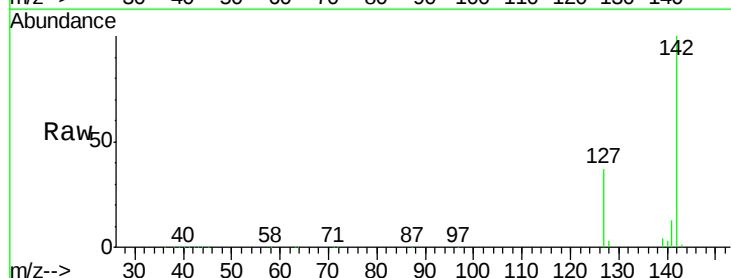
Tgt Ion:142 Resp: 209088

Ion Ratio Lower Upper

142 100

127 38.7 31.2 46.8

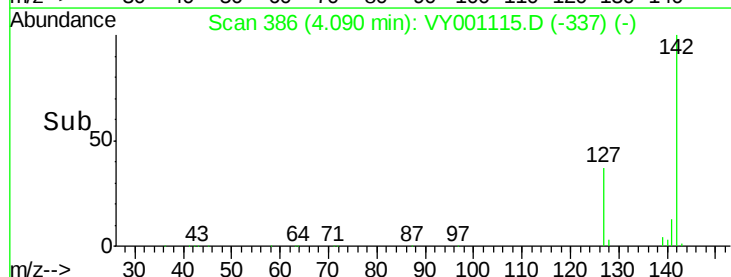
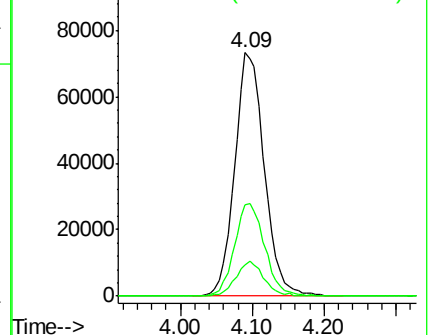
141 13.6 11.0 16.4

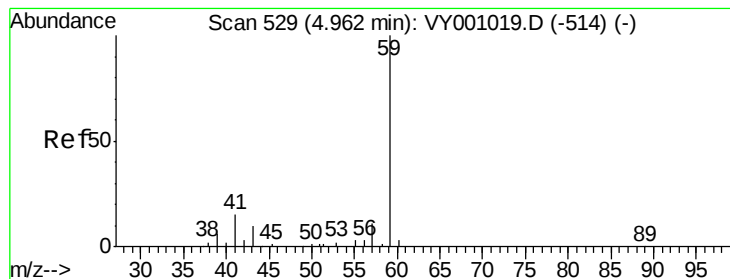


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



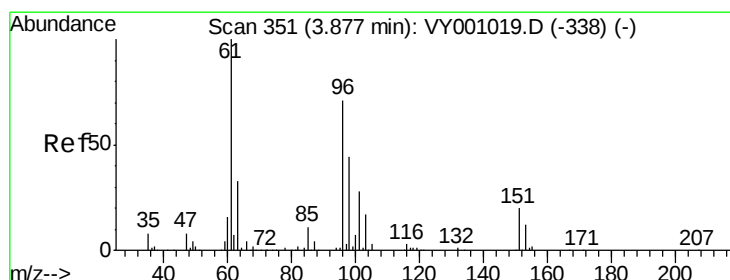
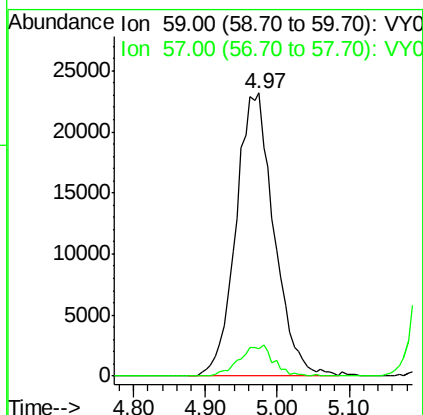
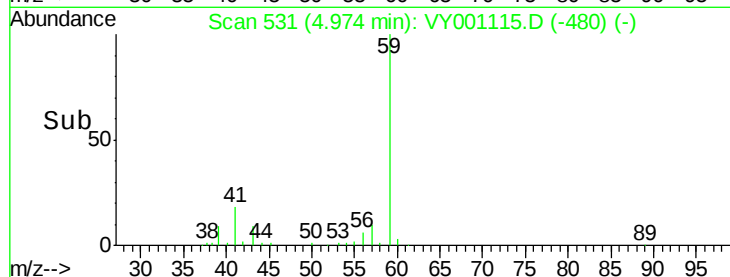
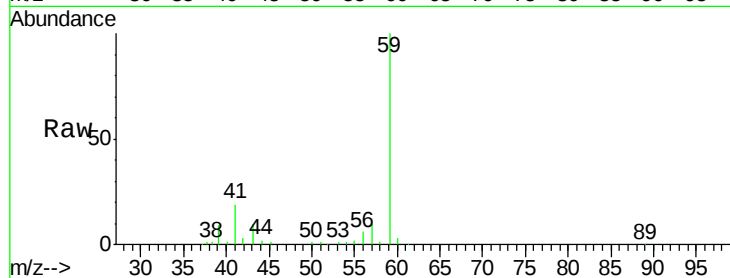


#11

Tert butyl alcohol
 Concen: 293.196 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

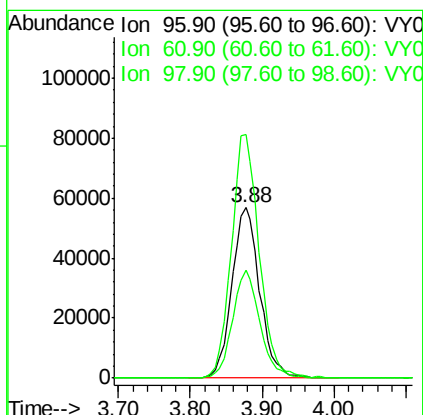
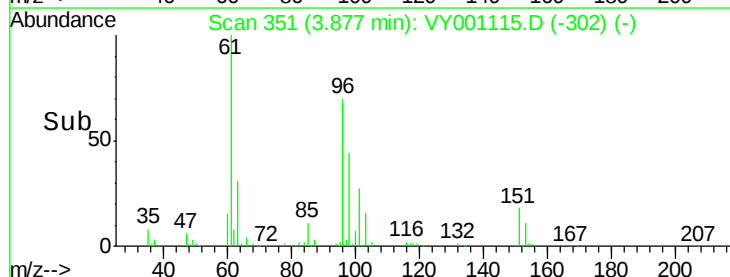
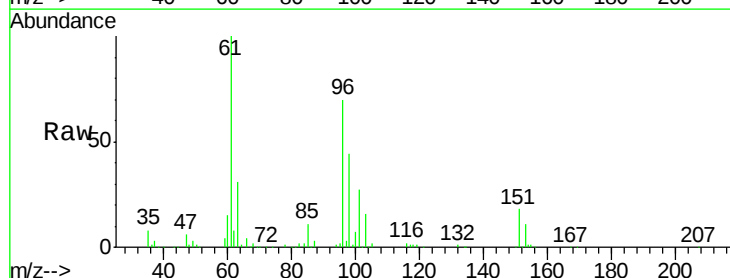
Tgt Ion: 59 Resp: 85092
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

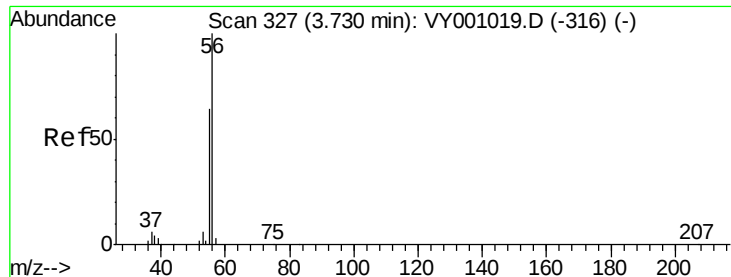


#12

1,1-Dichloroethene
 Concen: 50.561 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 96 Resp: 152015
 Ion Ratio Lower Upper
 96 100
 61 143.1 113.0 169.4
 98 63.7 49.8 74.8





#13

Acrolein

Concen: 242.373 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

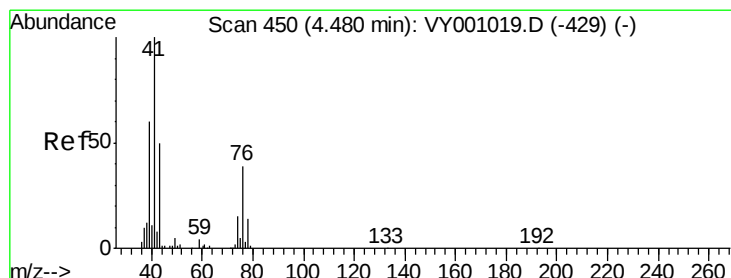
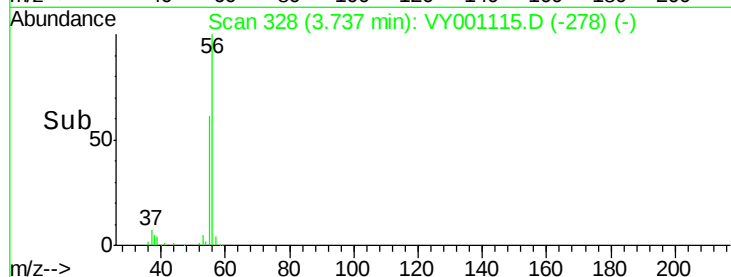
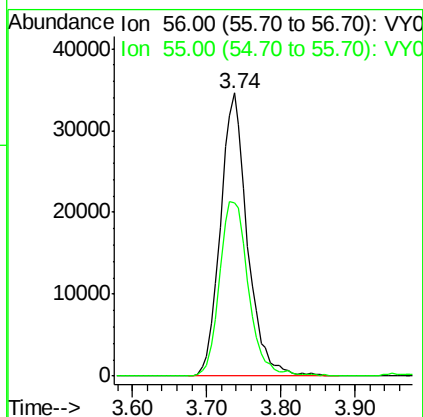
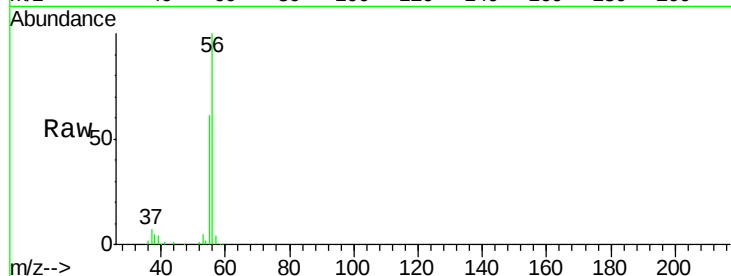
VSTDCCC050EC

Tgt Ion: 56 Resp: 87156

Ion Ratio Lower Upper

56 100

55 66.5 55.6 83.4



#14

Allyl chloride

Concen: 49.104 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

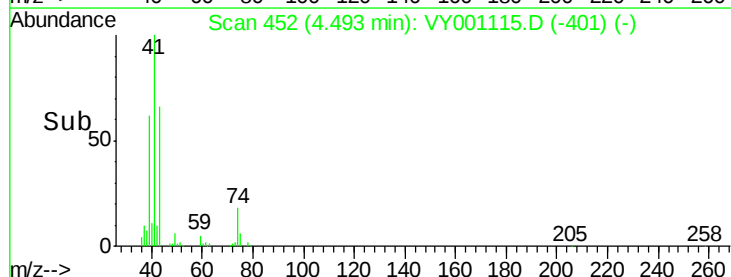
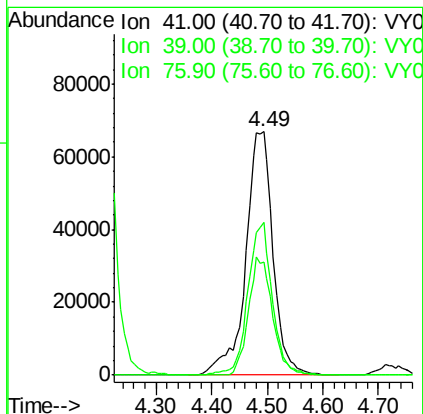
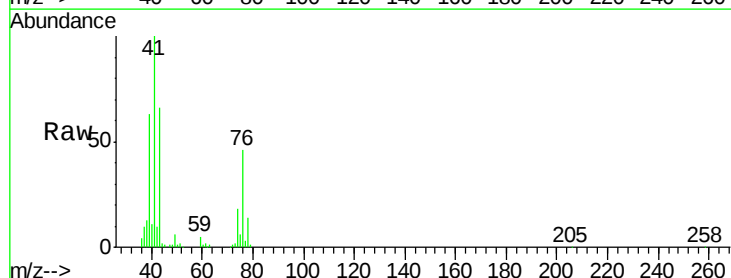
Tgt Ion: 41 Resp: 229346

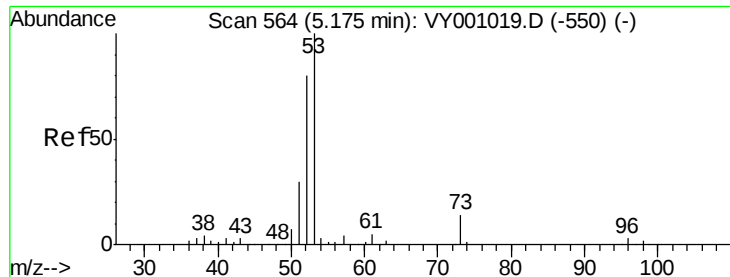
Ion Ratio Lower Upper

41 100

39 56.1 46.0 69.0

76 42.6 32.6 48.8





#15

Acrylonitrile

Concen: 309.975 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

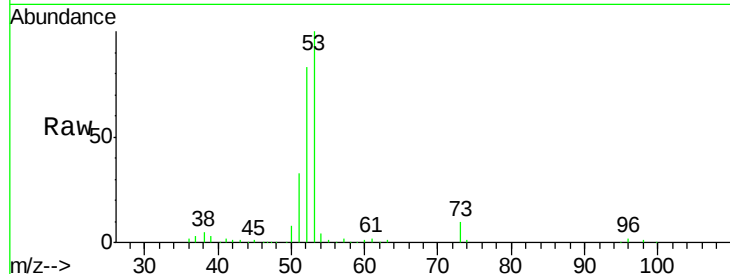
Tgt Ion: 53 Resp: 285887

Ion Ratio Lower Upper

53 100

52 81.8 63.6 95.4

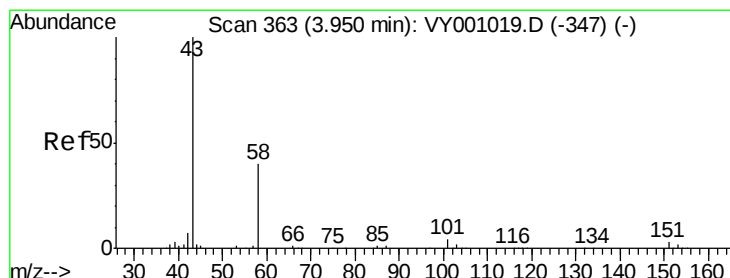
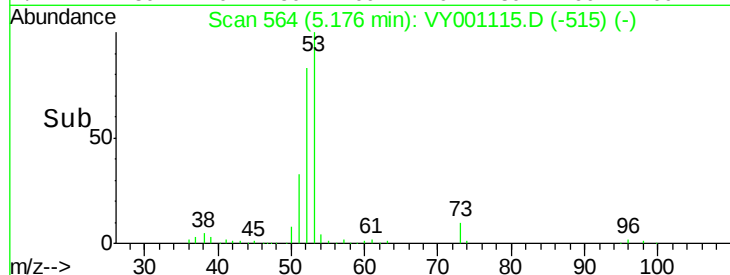
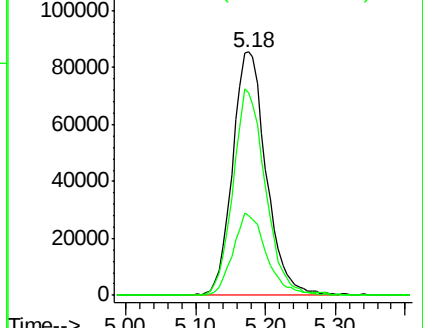
51 33.7 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 292.013 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001115.D

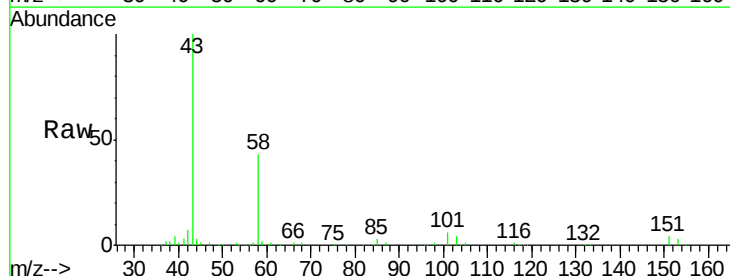
Acq: 27 Dec 2019 21:36

Tgt Ion: 43 Resp: 177565

Ion Ratio Lower Upper

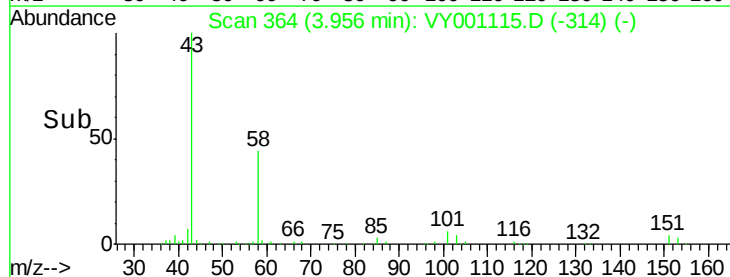
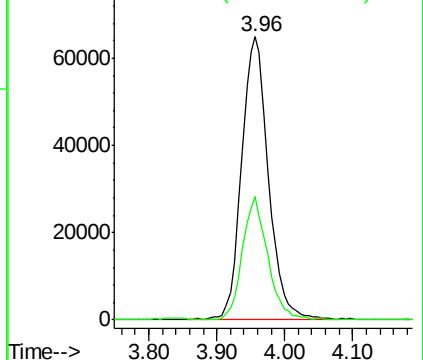
43 100

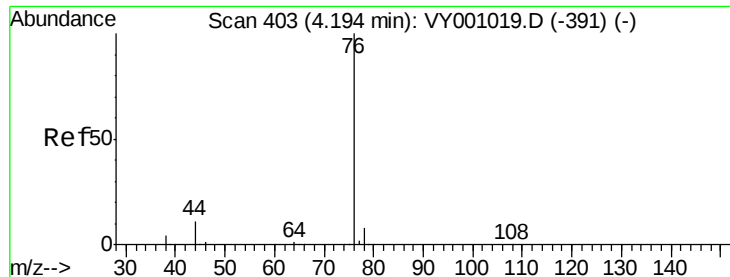
58 43.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

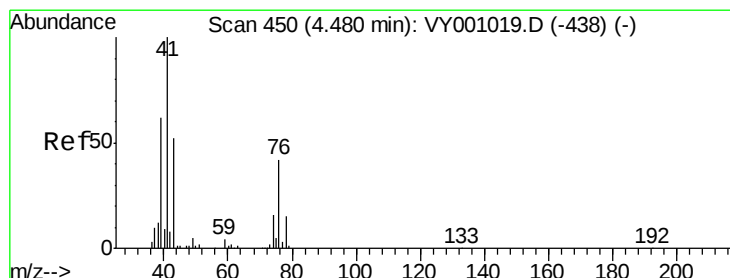
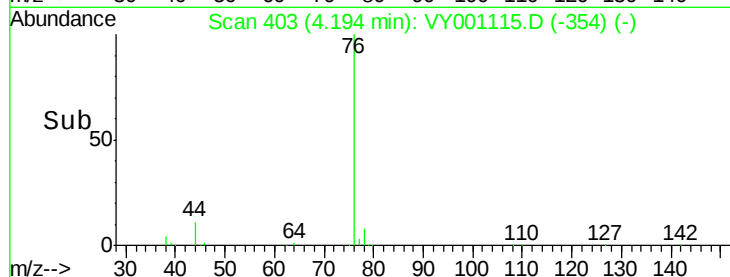
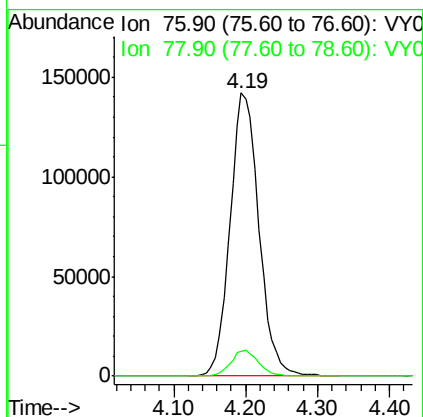
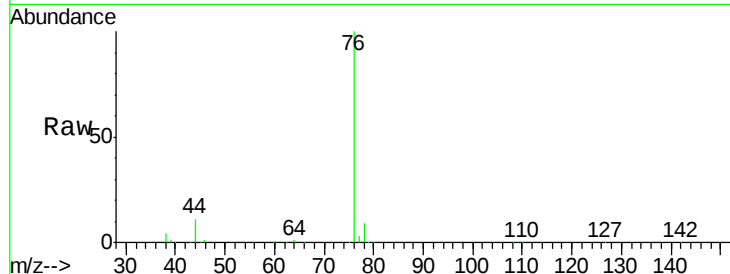




#17
Carbon Disulfide
Concen: 40.201 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

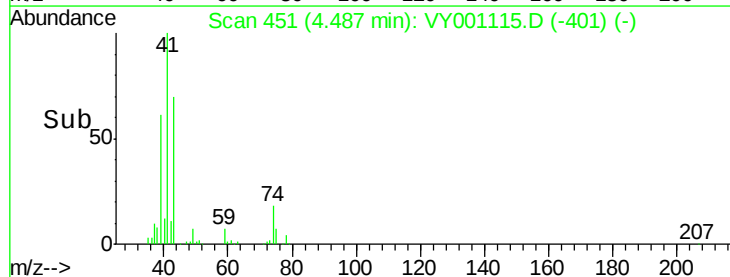
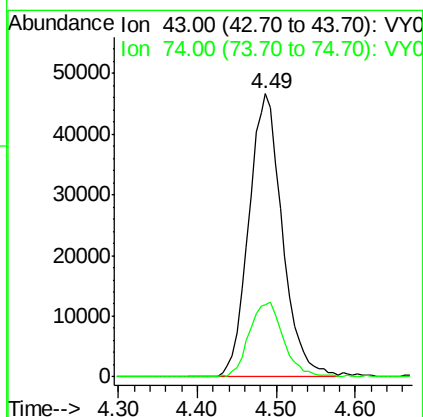
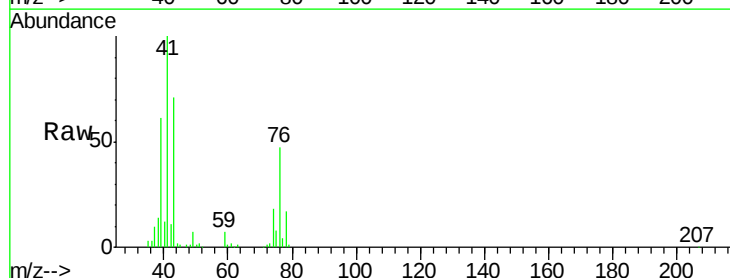
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

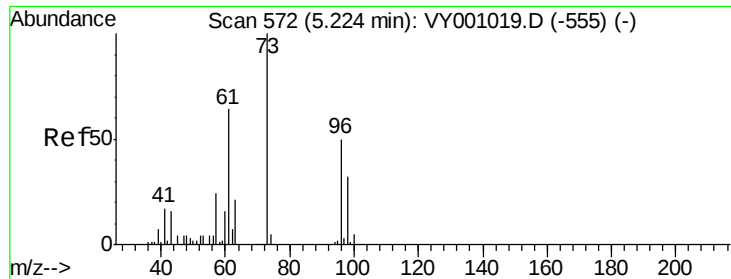
Tgt Ion: 76 Resp: 394948
Ion Ratio Lower Upper
76 100
78 8.9 6.7 10.1



#18
Methyl Acetate
Concen: 59.133 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 43 Resp: 137952
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1

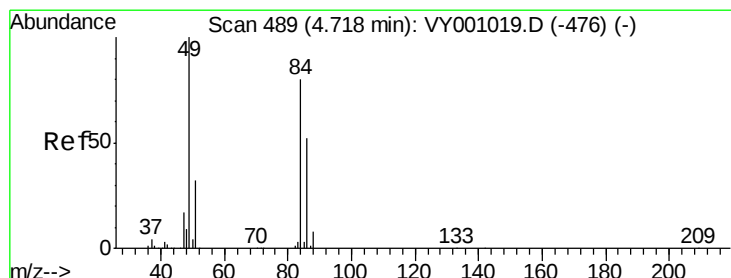
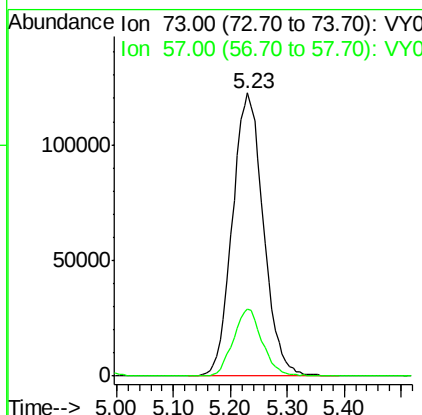
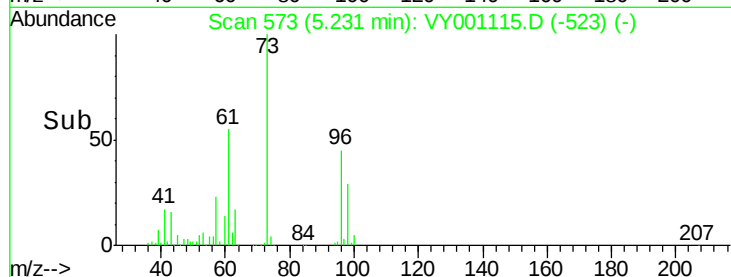
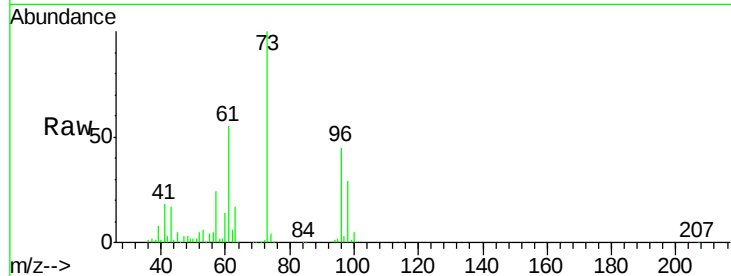




#19
Methyl tert-butyl Ether
Concen: 59.898 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

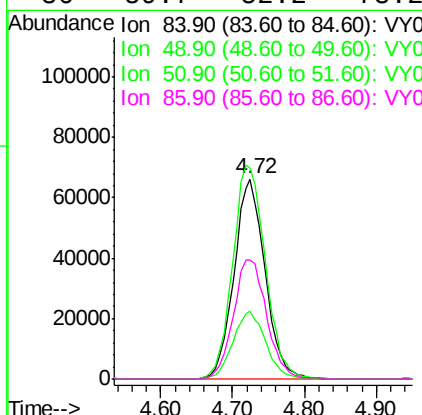
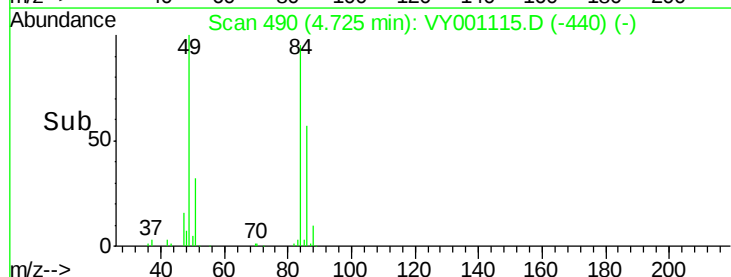
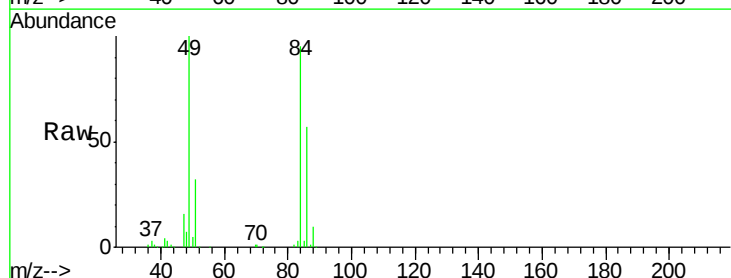
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

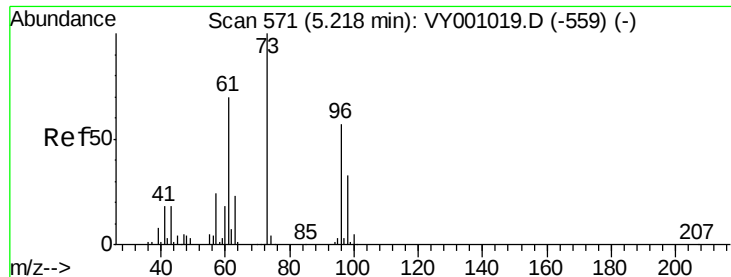
Tgt Ion: 73 Resp: 464798
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6



#20
Methylene Chloride
Concen: 55.169 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 84 Resp: 197457
Ion Ratio Lower Upper
84 100
49 105.3 99.8 149.6
51 33.7 31.4 47.2
86 59.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 54.080 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

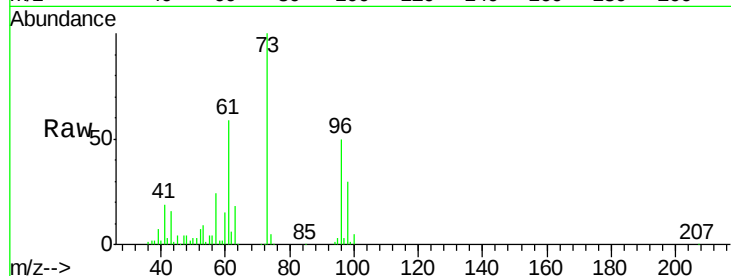
Tgt Ion: 96 Resp: 180195

Ion Ratio Lower Upper

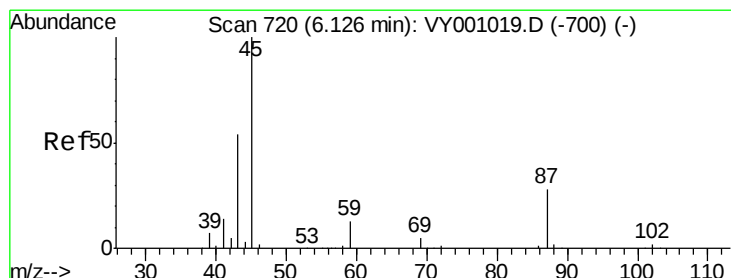
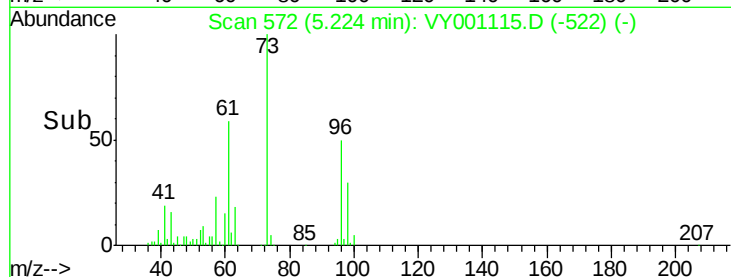
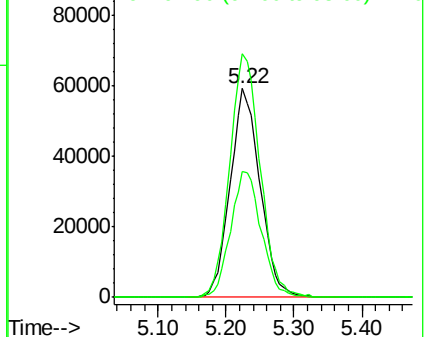
96 100

61 116.8 98.1 147.1

98 60.1 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.911 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion: 45 Resp: 508951

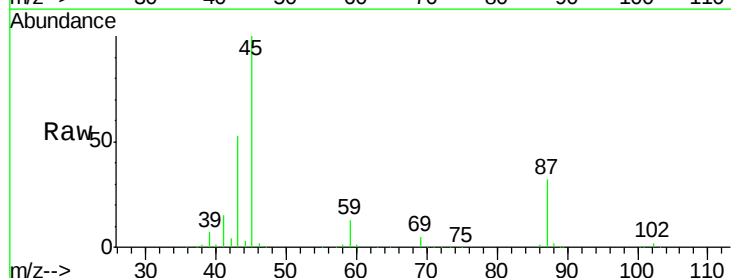
Ion Ratio Lower Upper

45 100

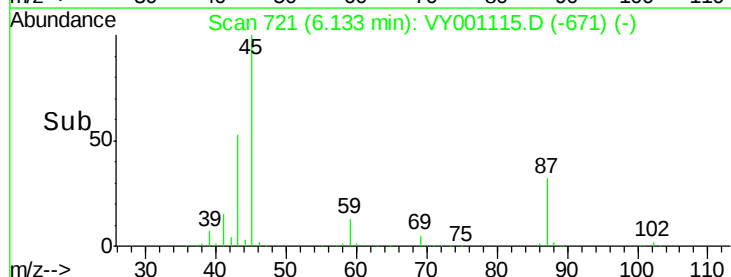
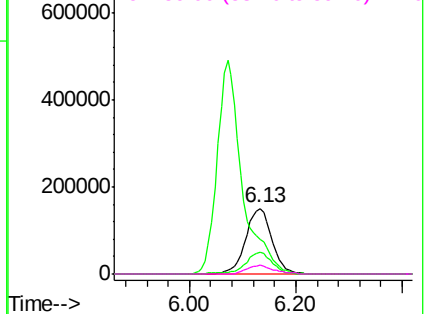
43 52.6 43.6 65.4

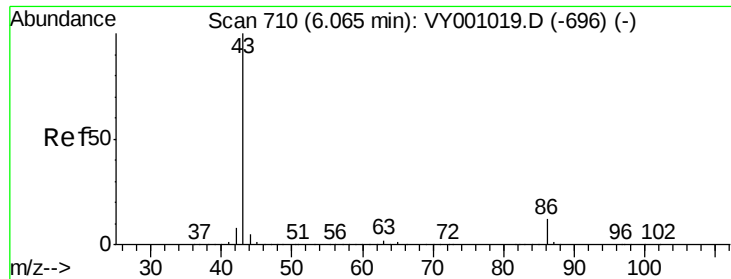
87 32.4 23.1 34.7

59 13.3 10.2 15.4



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 270.209 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

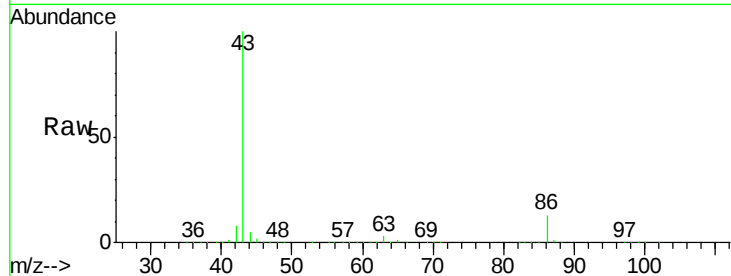
VSTDCCC050EC

Tgt Ion: 43 Resp: 1611024

Ion Ratio Lower Upper

43 100

86 12.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

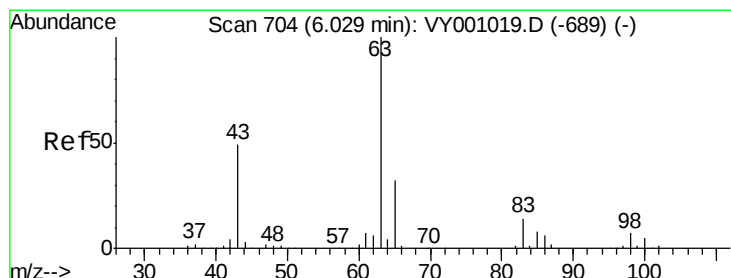
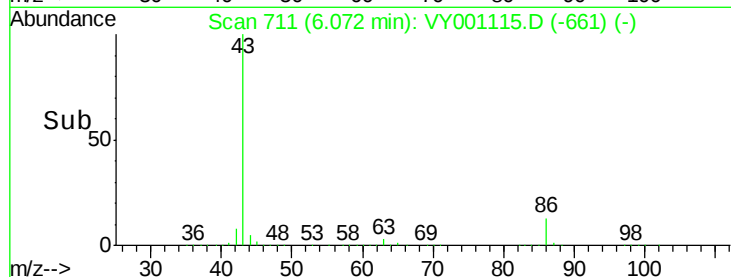
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.257 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

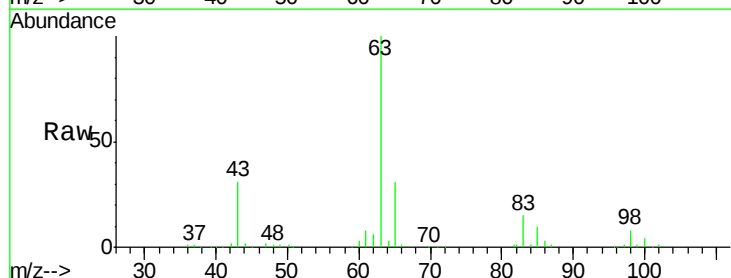
Tgt Ion: 63 Resp: 308273

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 4.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

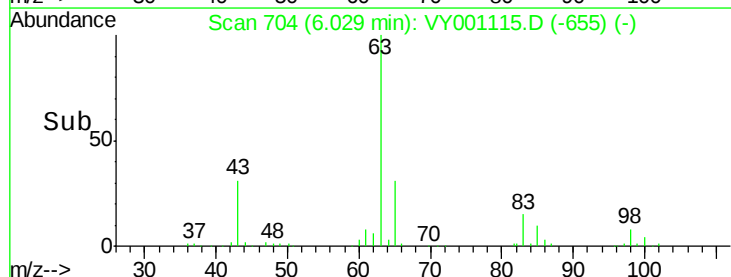
6.03

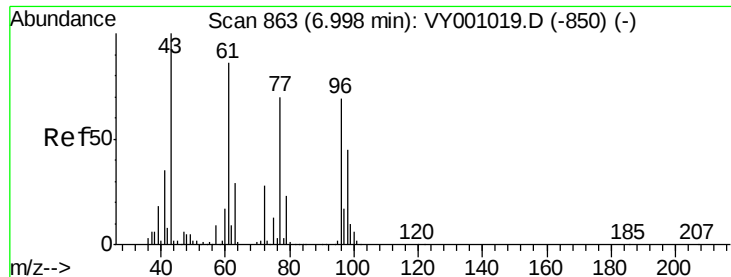
100000

50000

0

Time-->





#25

2-Butanone

Concen: 296.823 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

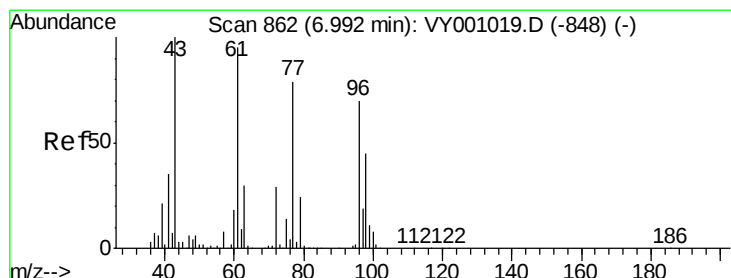
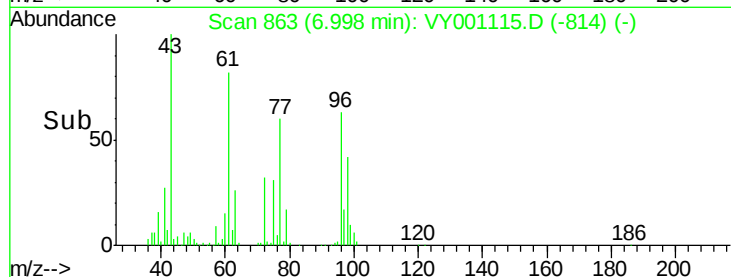
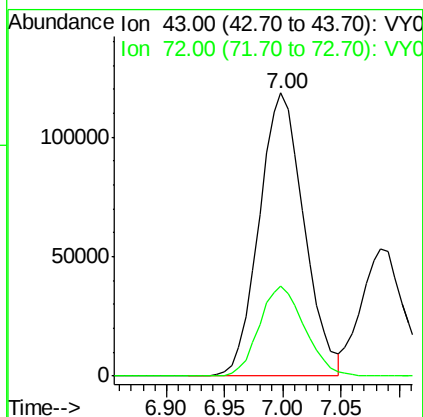
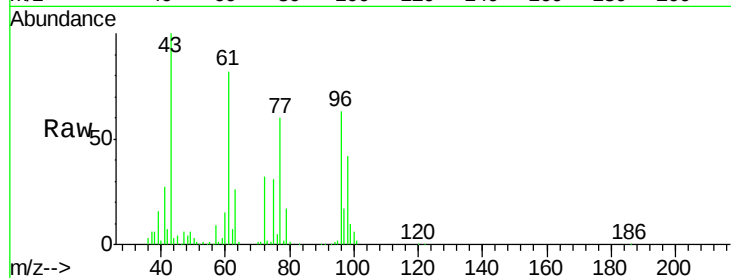
VSTDCCC050EC

Tgt Ion: 43 Resp: 317074

Ion Ratio Lower Upper

43 100

72 32.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 47.084 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001115.D

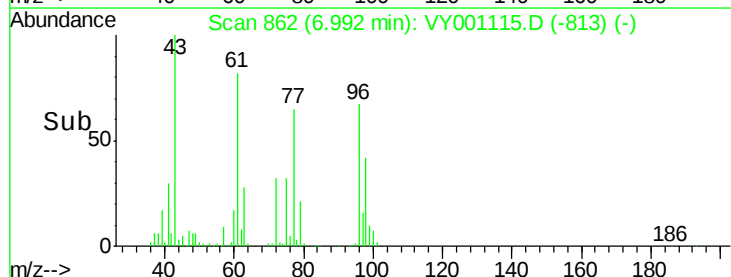
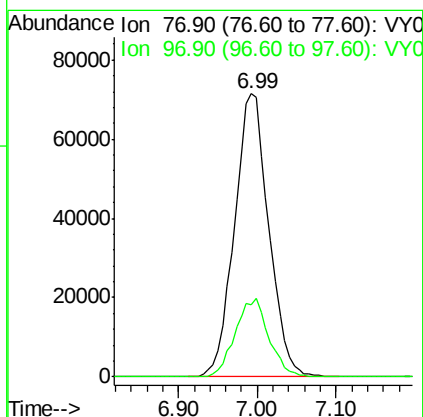
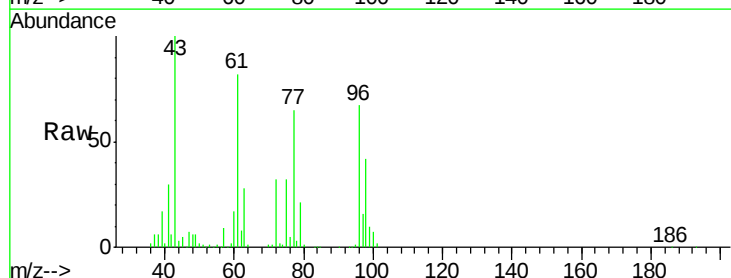
Acq: 27 Dec 2019 21:36

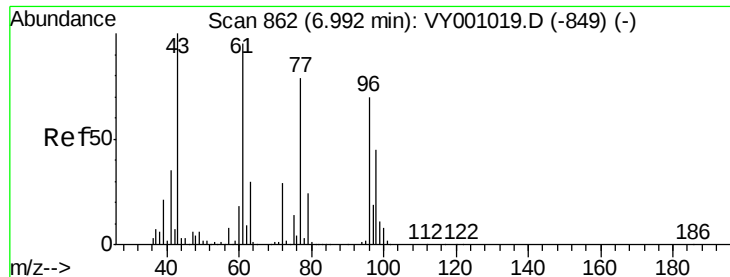
Tgt Ion: 77 Resp: 215812

Ion Ratio Lower Upper

77 100

97 27.2 12.0 36.1



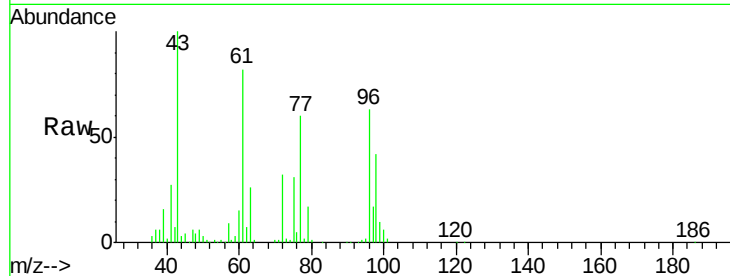


#27

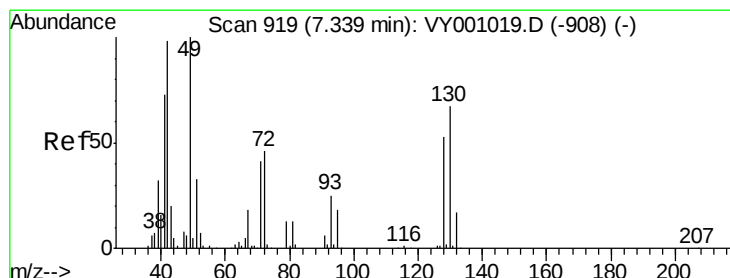
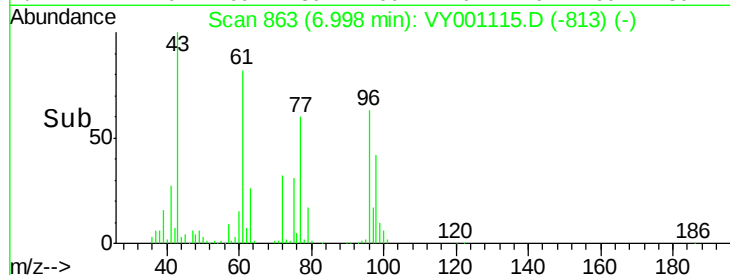
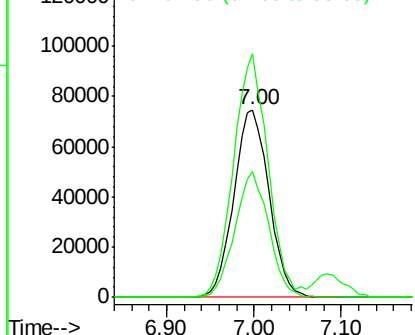
cis-1,2-Dichloroethene
Concen: 56.918 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 208357
Ion Ratio Lower Upper
96 100
61 128.1 0.0 268.2
98 64.8 0.0 129.2



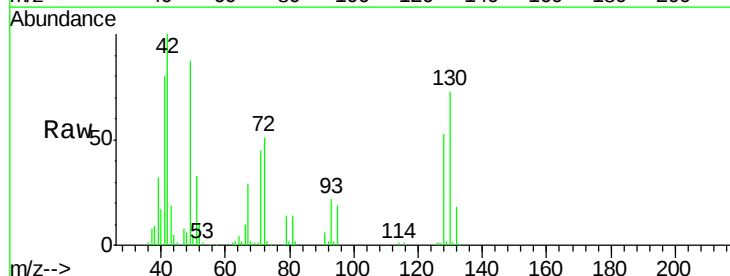
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



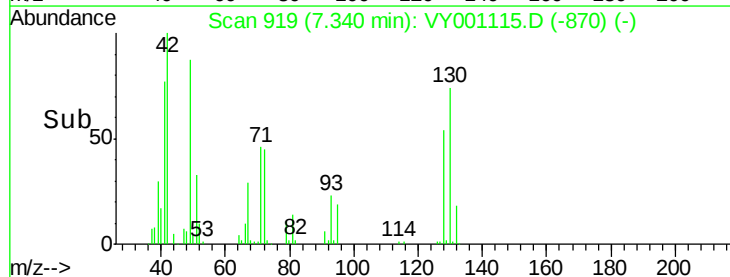
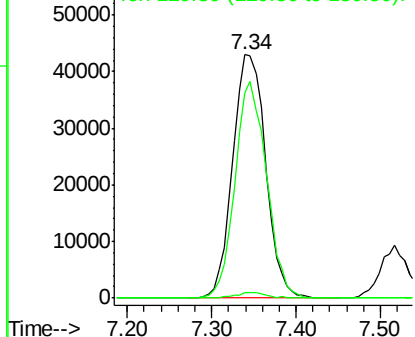
#28

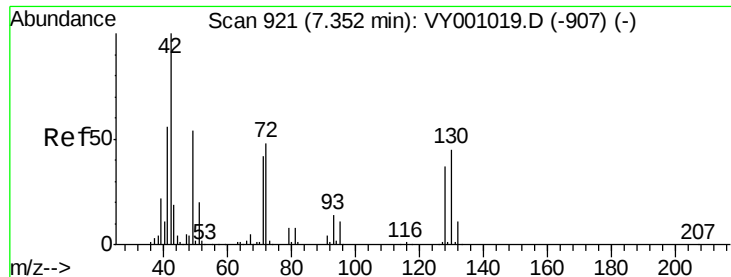
Bromochloromethane
Concen: 52.222 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 49 Resp: 113676
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 84.7 60.4 90.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

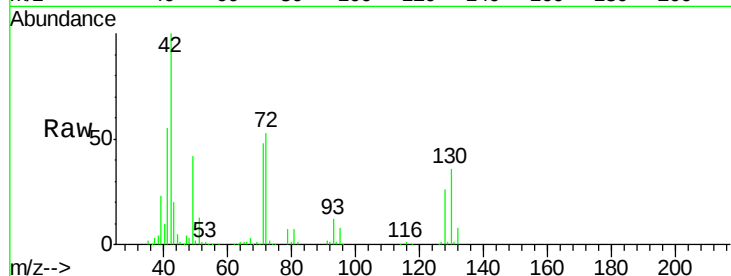




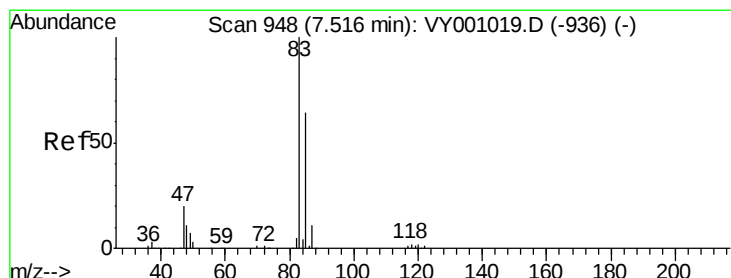
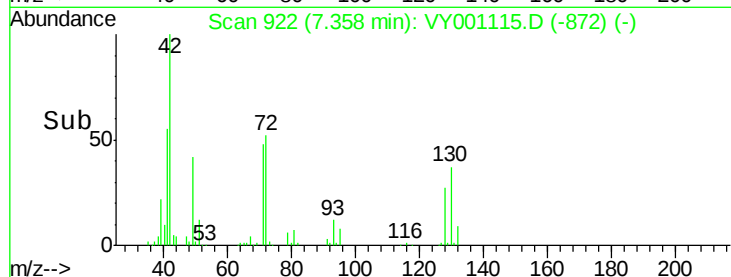
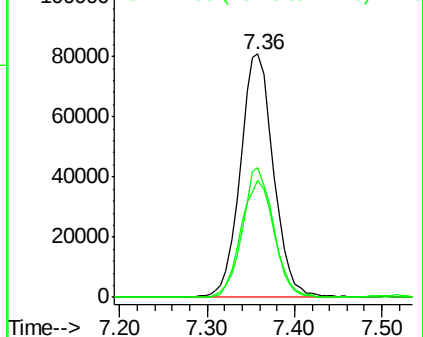
#29
Tetrahydrofuran
Concen: 280.302 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 212989
Ion Ratio Lower Upper
42 100
72 51.6 37.7 56.5
71 47.2 34.6 51.8

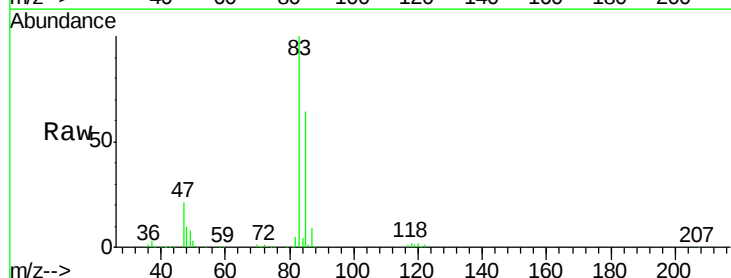


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

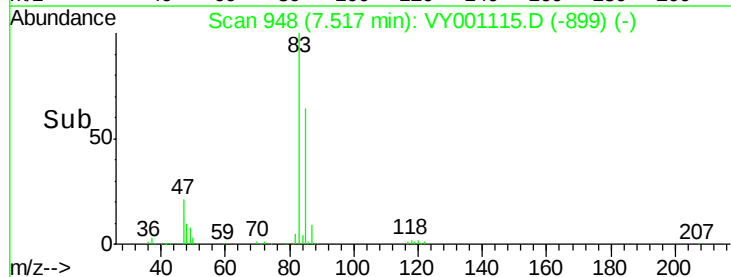
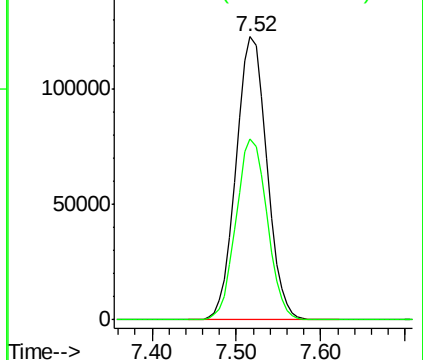


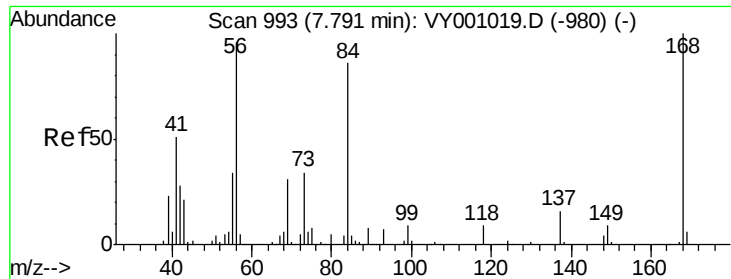
#30
Chloroform
Concen: 57.330 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 83 Resp: 302435
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

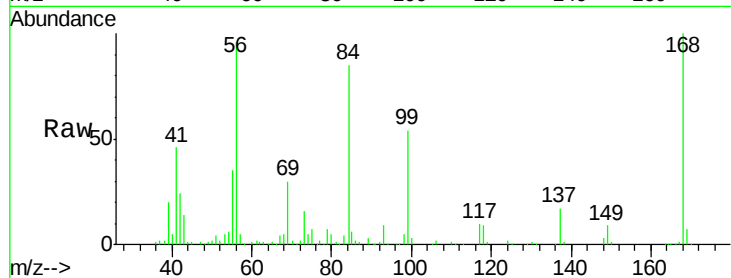




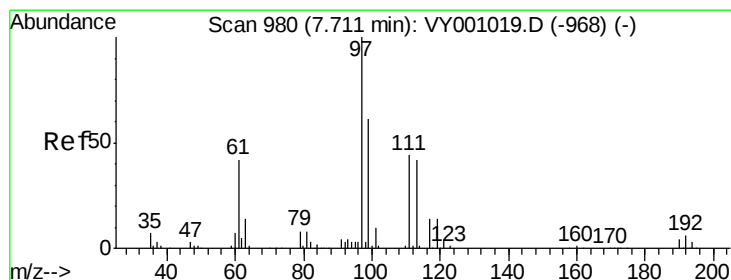
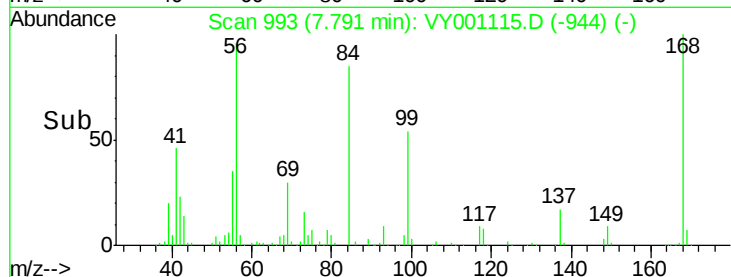
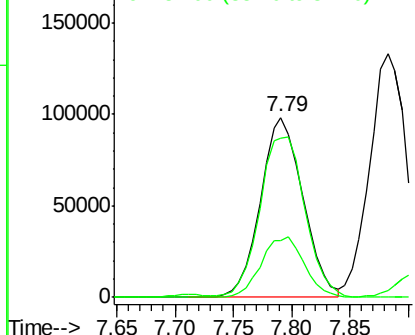
#31
Cyclohexane
Concen: 42.223 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 247698
Ion Ratio Lower Upper
56 100
69 31.4 26.1 39.1
84 87.1 71.8 107.8

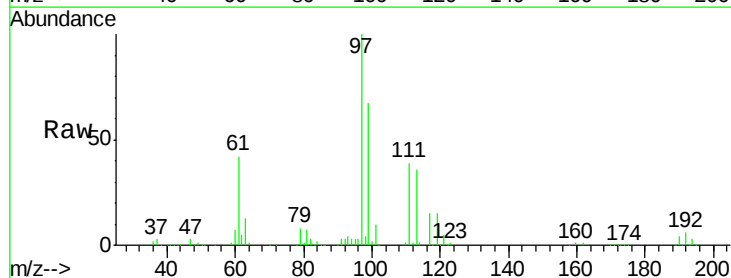


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

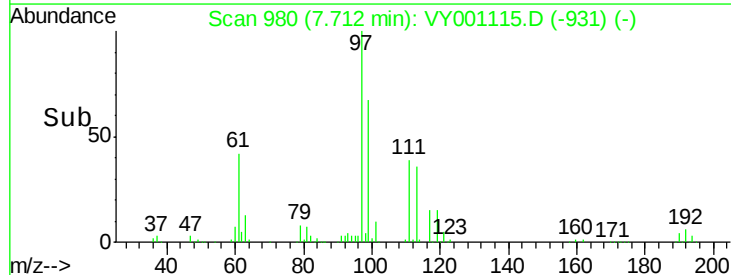
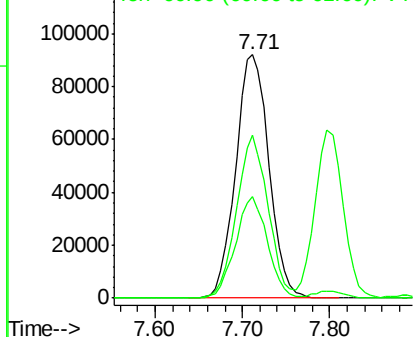


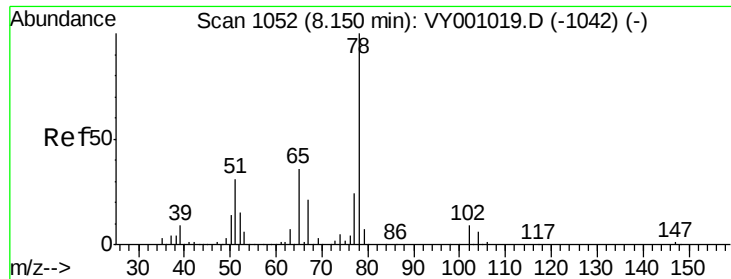
#32
1,1,1-Trichloroethane
Concen: 53.979 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 97 Resp: 242912
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 40.2 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 52.860 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

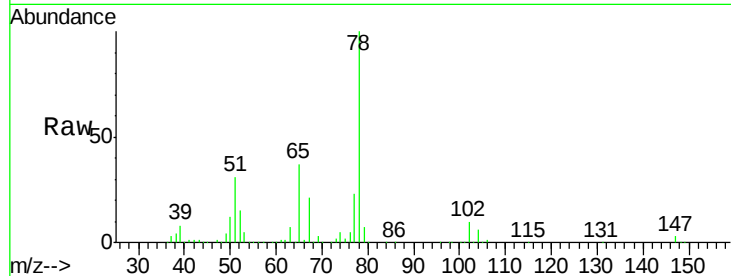
VSTDCCC050EC

Tgt Ion: 65 Resp: 139525

Ion Ratio Lower Upper

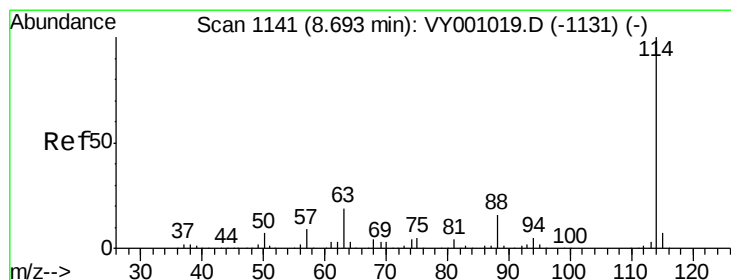
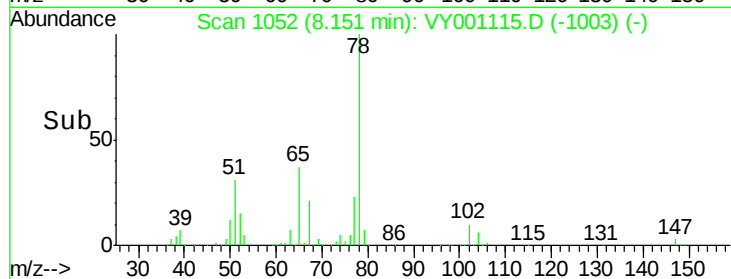
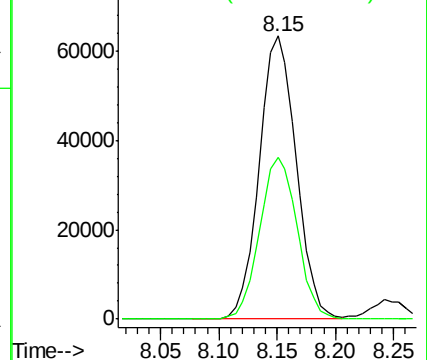
65 100

67 57.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

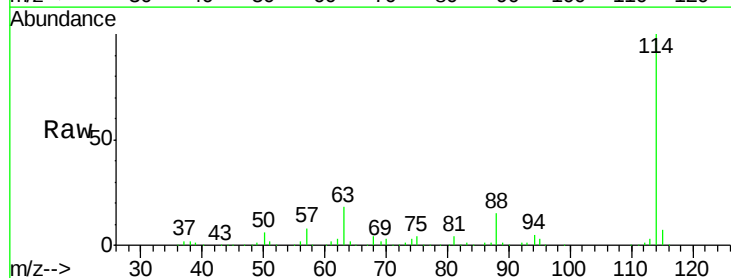
Tgt Ion: 114 Resp: 493511

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

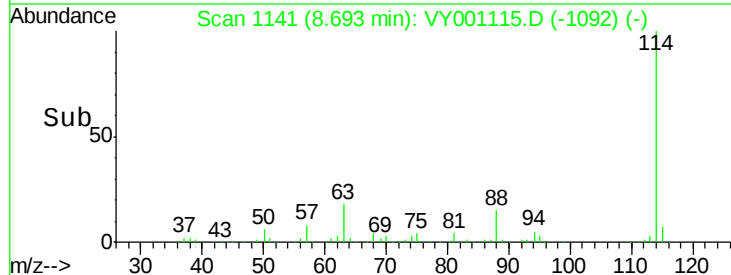
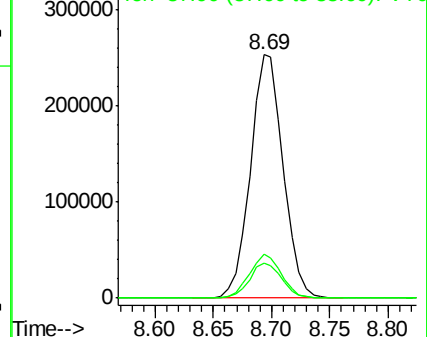
88 14.6 0.0 32.0

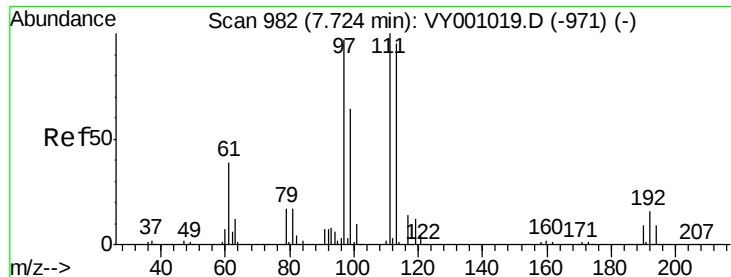


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

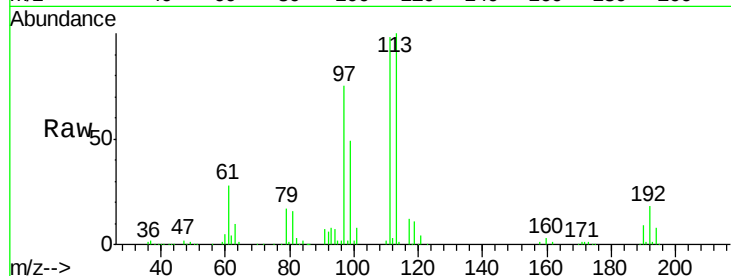




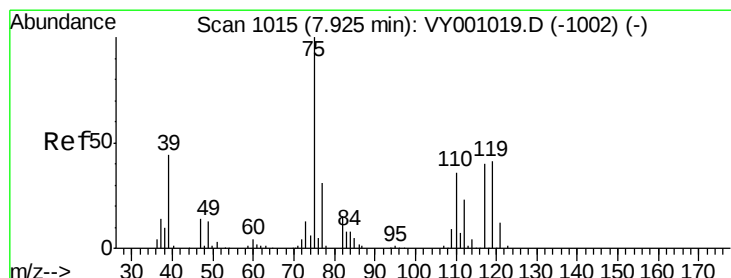
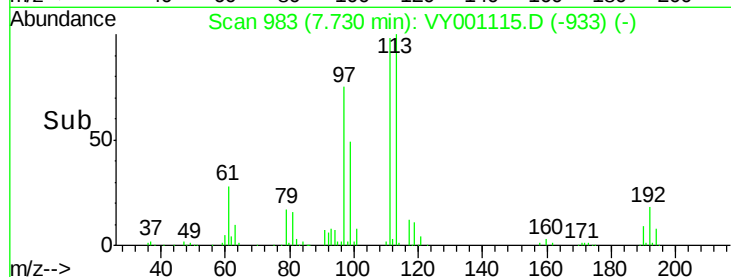
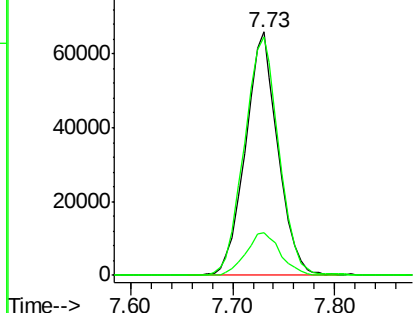
#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 145723
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.4
192 18.6 14.6 21.8

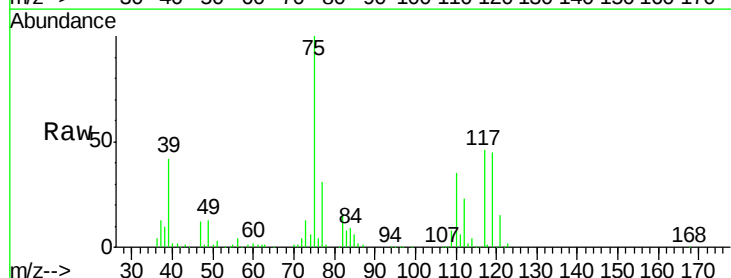


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

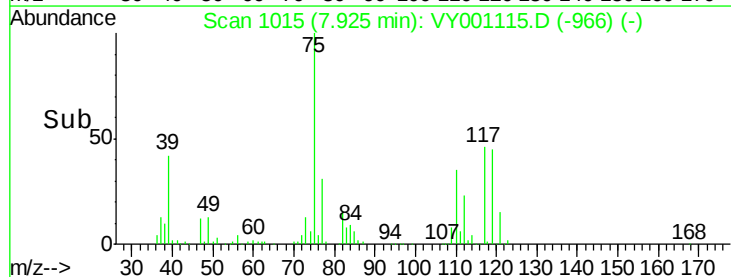
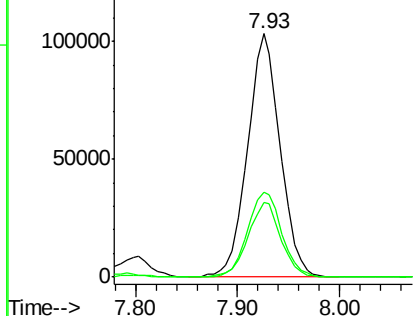


#36
1,1-Dichloropropene
Concen: 48.525 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 75 Resp: 228457
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

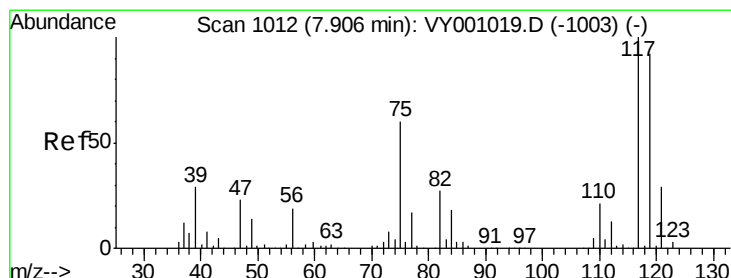
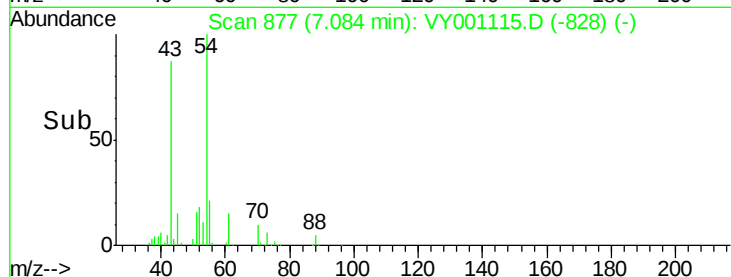
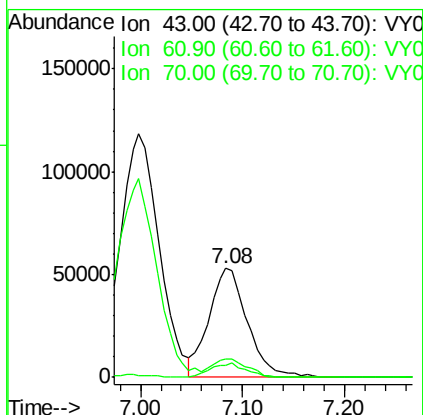
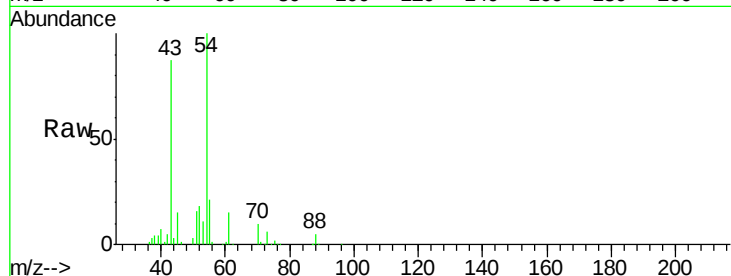




#37
Ethyl Acetate
Concen: 53.449 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

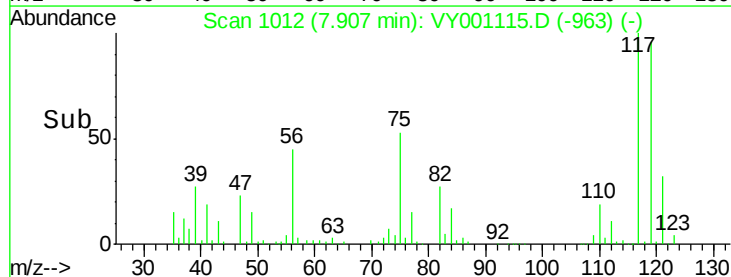
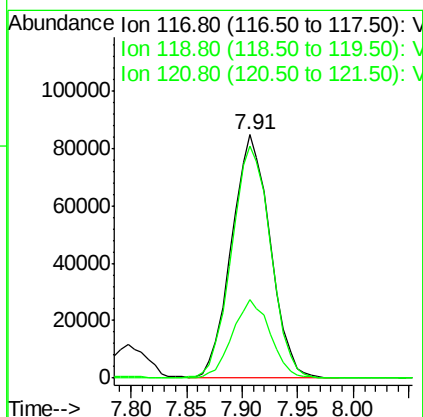
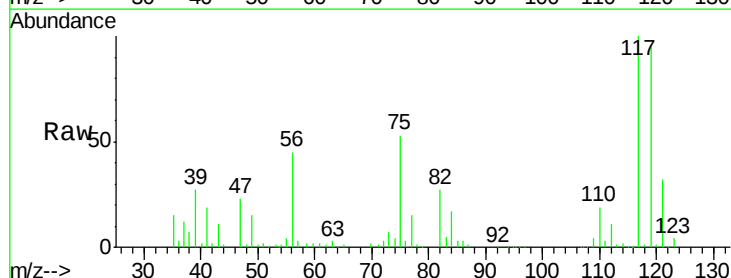
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

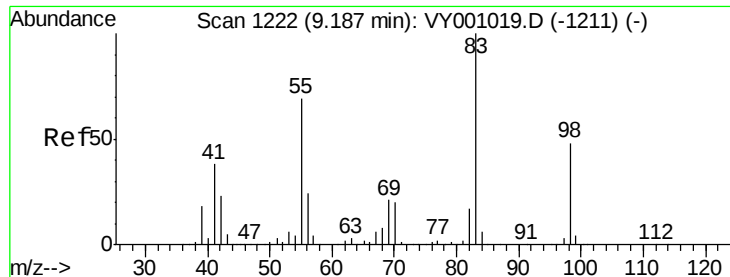
Tgt Ion: 43 Resp: 139336
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.506 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 117 Resp: 204208
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.2
121 32.0 22.9 34.3

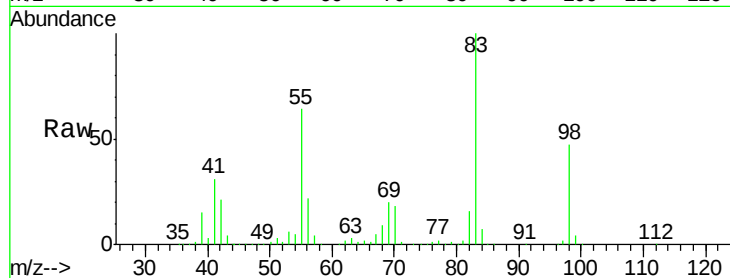




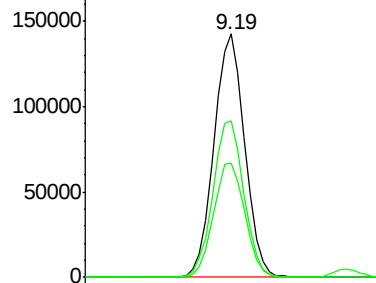
#39
Methylcyclohexane
Concen: 46.152 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

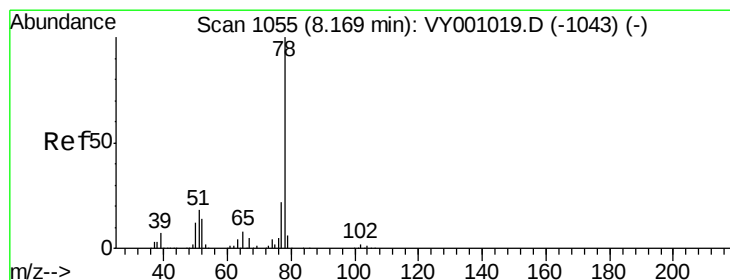
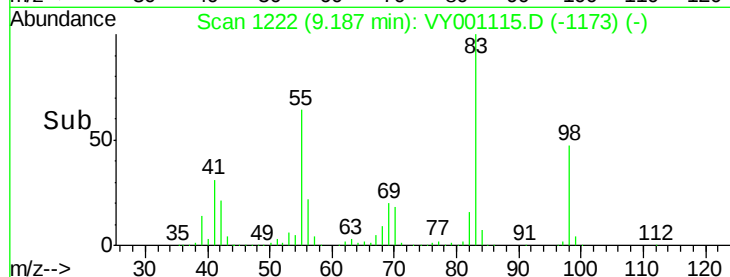
Tgt Ion: 83 Resp: 288547
Ion Ratio Lower Upper
83 100
55 64.1 55.1 82.7
98 47.2 38.3 57.5



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

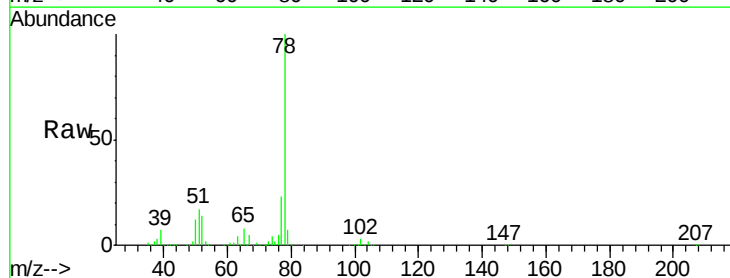


Time-->

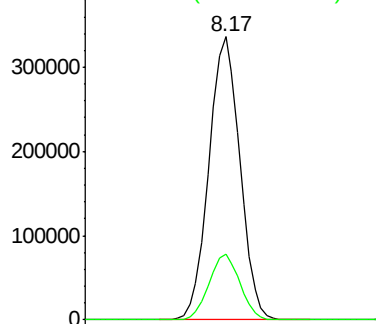


#40
Benzene
Concen: 52.257 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

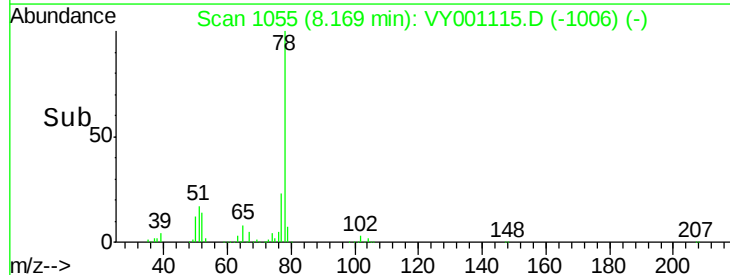
Tgt Ion: 78 Resp: 742236
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5

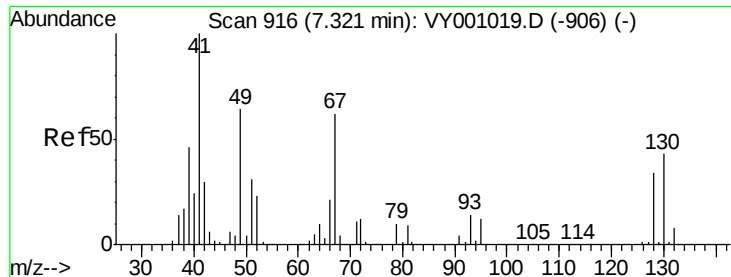


Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0



Time-->





#41

Methacrylonitrile

Concen: 161.618 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.04 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 182665

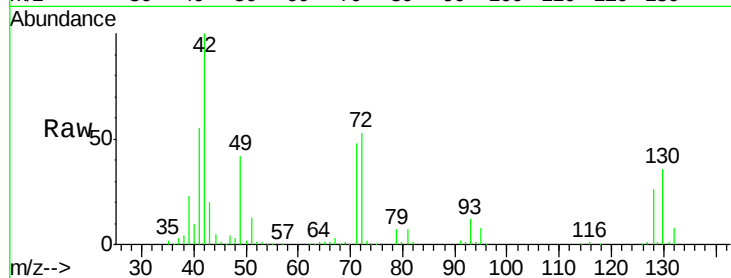
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

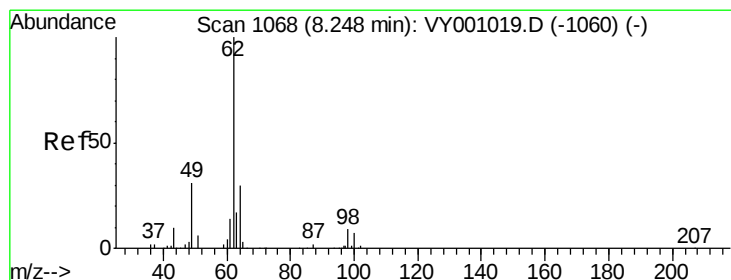
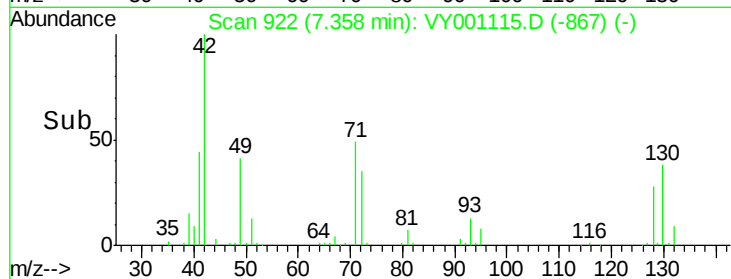
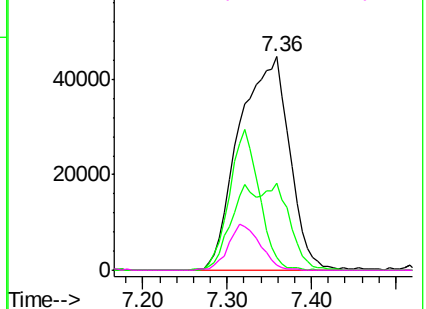


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 54.502 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001115.D

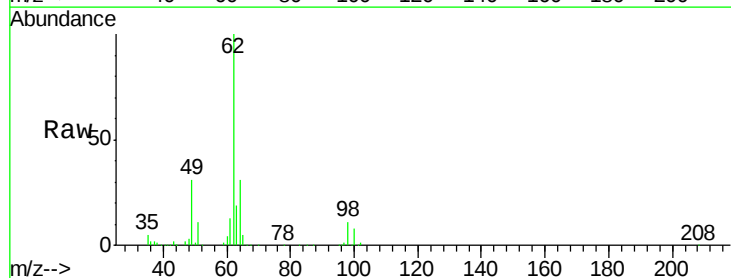
Acq: 27 Dec 2019 21:36

Tgt Ion: 62 Resp: 185080

Ion Ratio Lower Upper

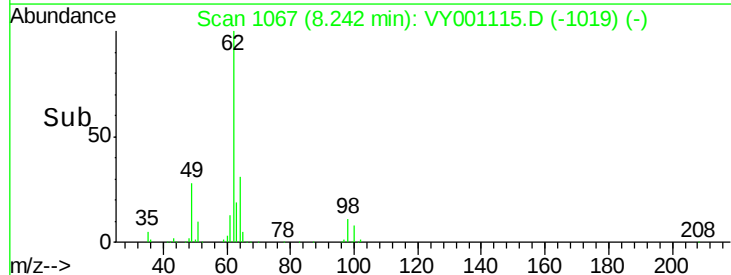
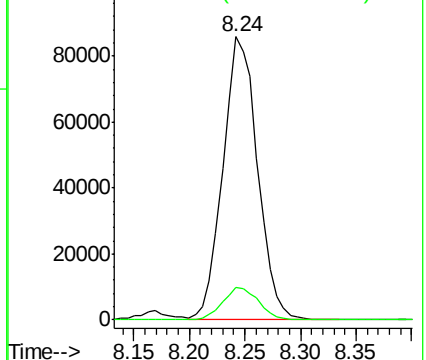
62 100

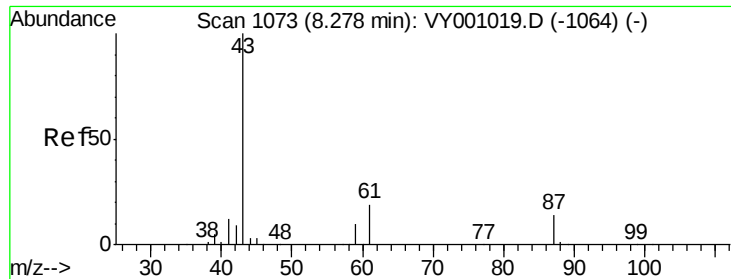
98 11.9 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.638 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

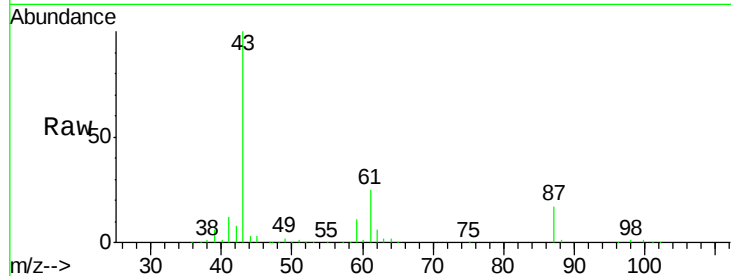
Tgt Ion: 43 Resp: 258845

Ion Ratio Lower Upper

43 100

61 33.7 25.0 37.6

87 16.5 12.0 18.0

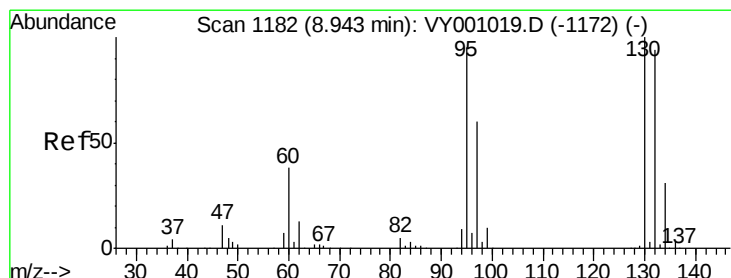
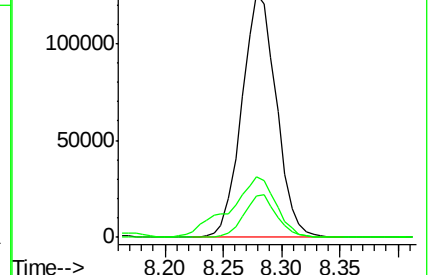
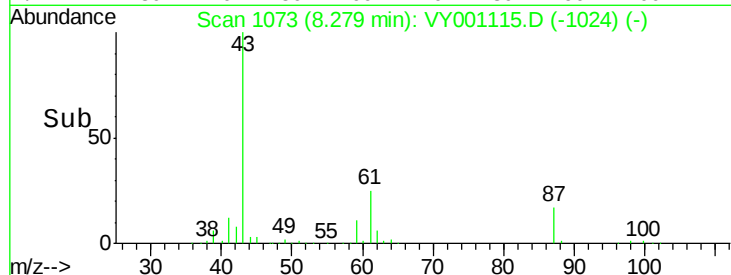


Abundance Ion 43.00 (42.70 to 43.70): VY001115.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001115.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001115.D (-1064) (-)

8.28



#44

Trichloroethene

Concen: 51.875 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001115.D

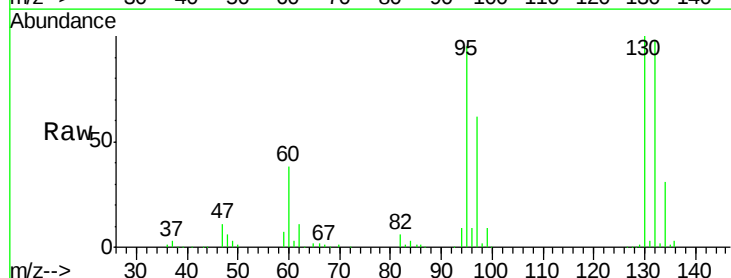
Acq: 27 Dec 2019 21:36

Tgt Ion: 130 Resp: 194136

Ion Ratio Lower Upper

130 100

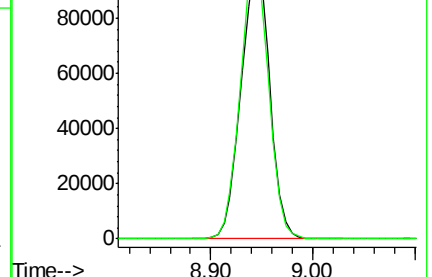
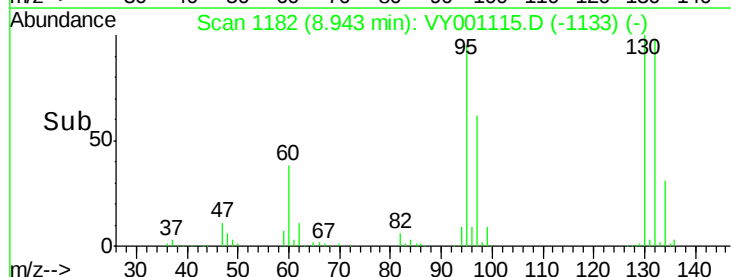
95 94.5 0.0 190.6

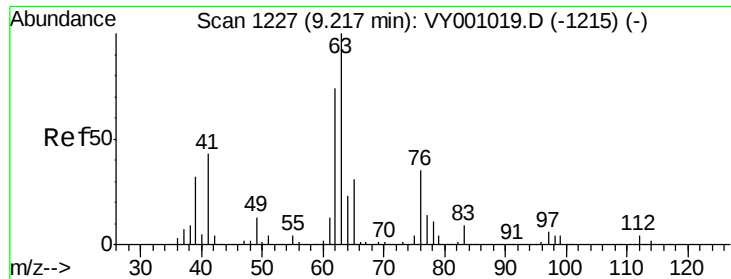


Abundance Ion 129.80 (129.50 to 130.50): VY001115.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY001115.D (-1133) (-)

8.94

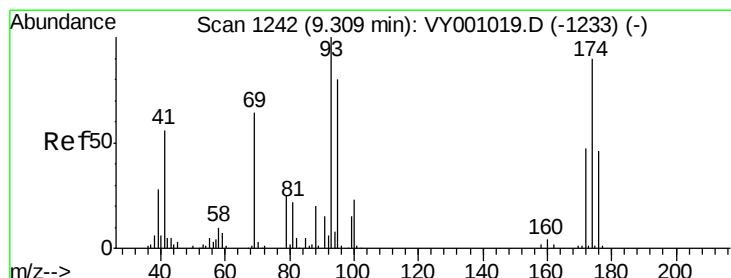
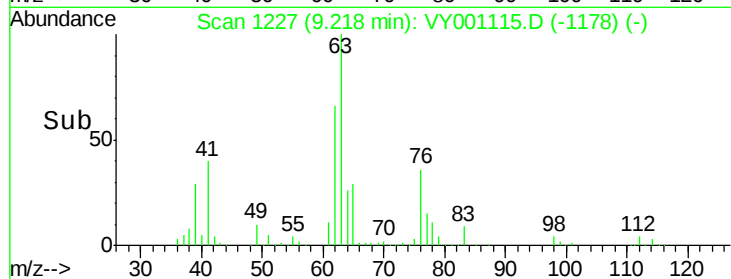
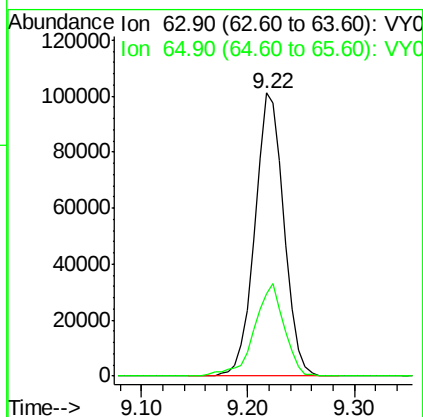
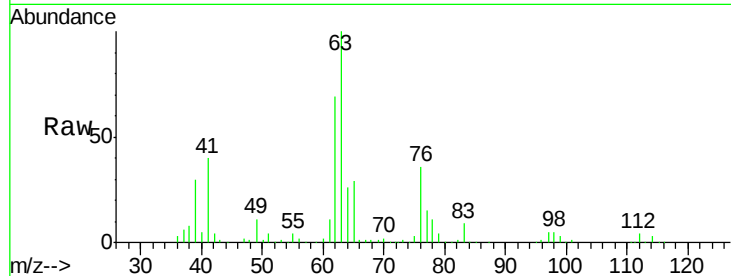




#45
 1,2-Dichloropropane
 Concen: 54.398 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

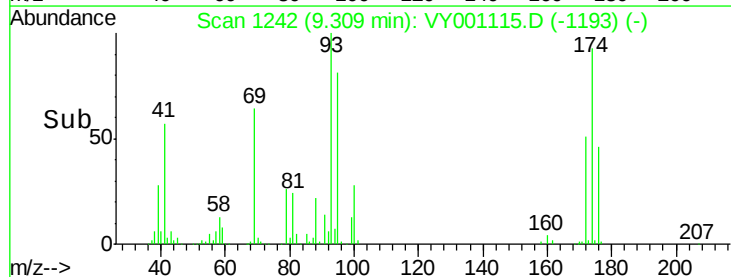
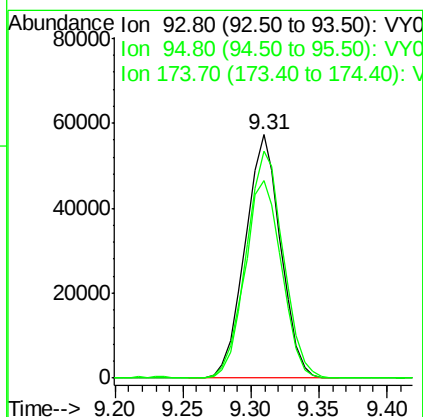
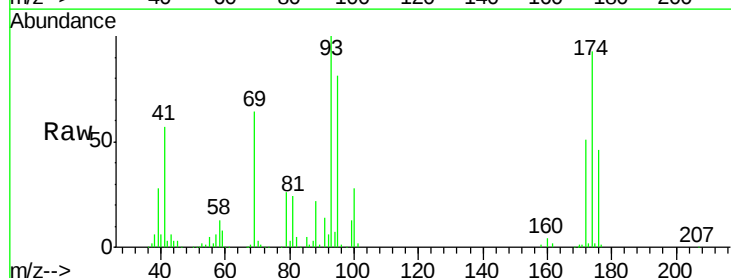
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

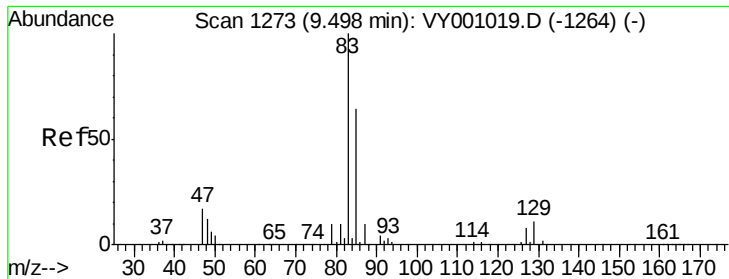
Tgt Ion: 63 Resp: 193831
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.1 37.7



#46
 Dibromomethane
 Concen: 57.085 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 93 Resp: 104853
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 96.5 73.6 110.4





#47

Bromodichloromethane

Concen: 55.572 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

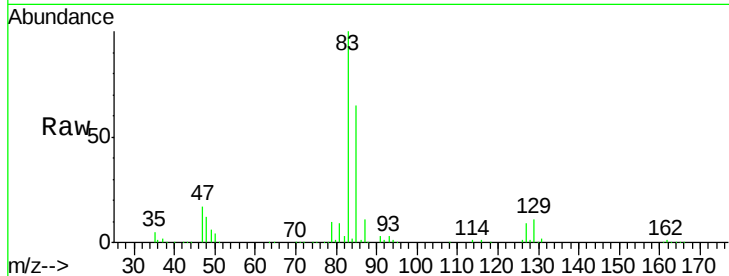
Tgt Ion: 83 Resp: 236441

Ion Ratio Lower Upper

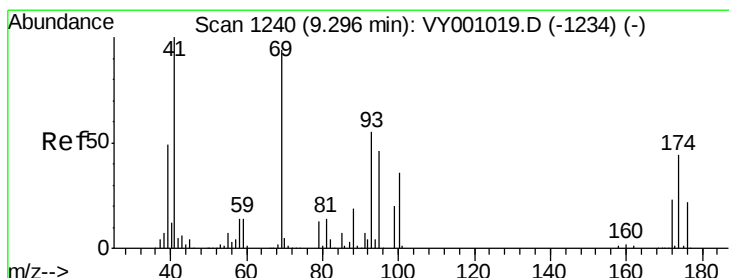
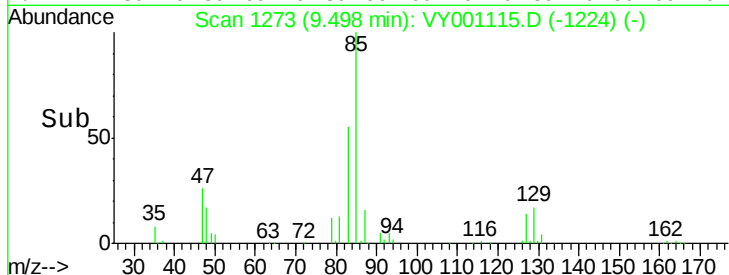
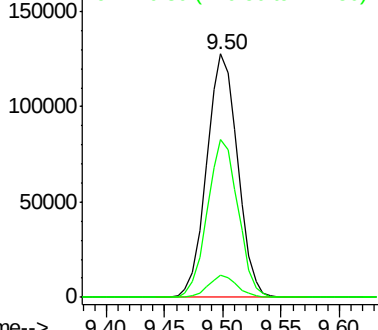
83 100

85 64.9 50.9 76.3

127 9.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 52.841 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

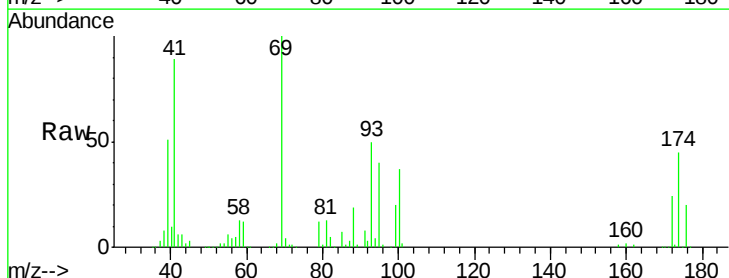
Tgt Ion: 41 Resp: 108817

Ion Ratio Lower Upper

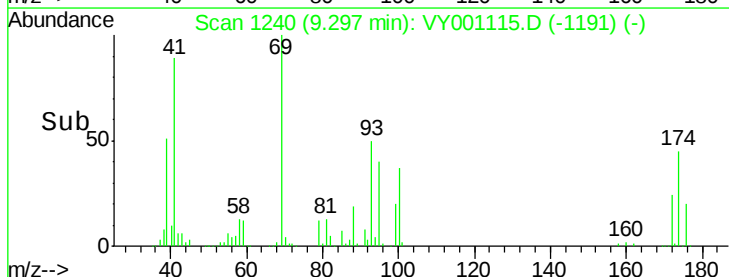
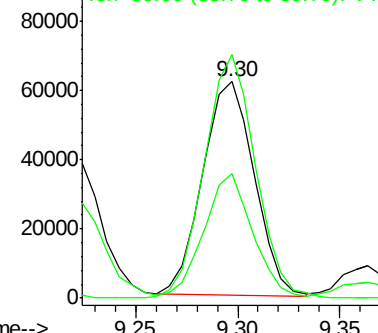
41 100

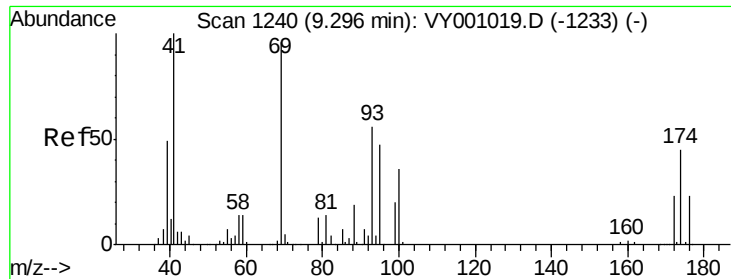
69 112.9 79.8 119.6

39 55.0 41.7 62.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1240.792 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

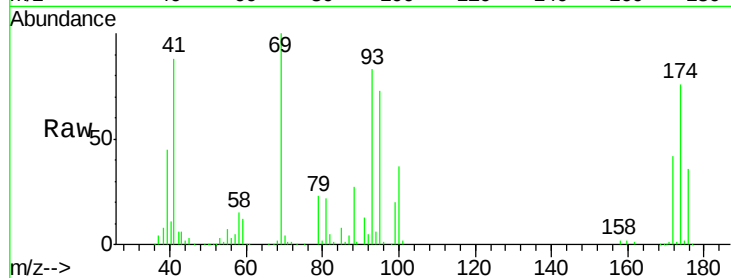
Tgt Ion: 88 Resp: 33339

Ion Ratio Lower Upper

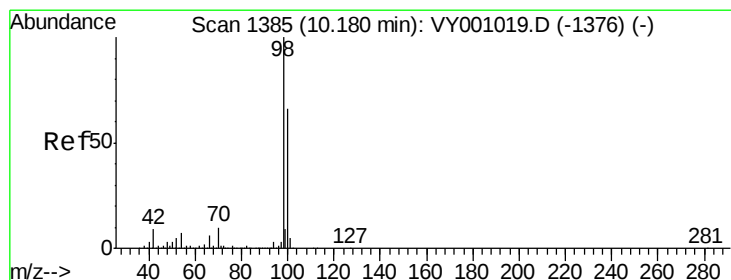
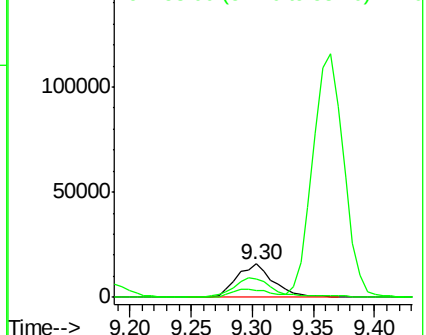
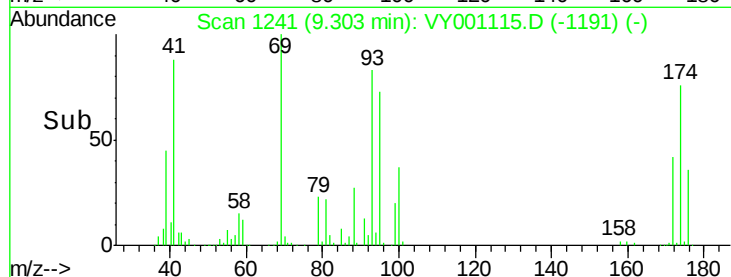
88 100

43 25.3 23.0 34.4

58 64.2 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.007 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001115.D

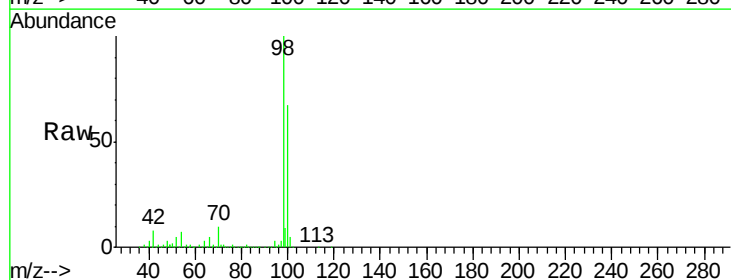
Acq: 27 Dec 2019 21:36

Tgt Ion: 98 Resp: 590639

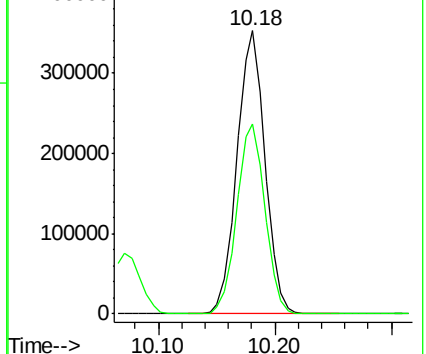
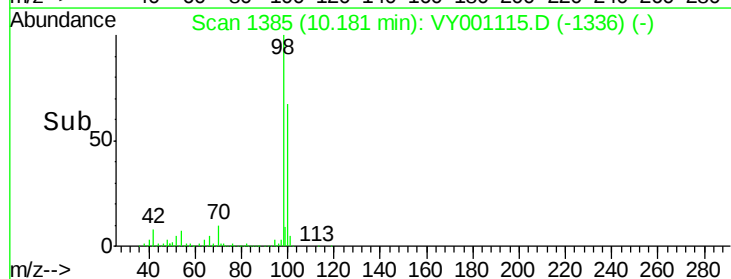
Ion Ratio Lower Upper

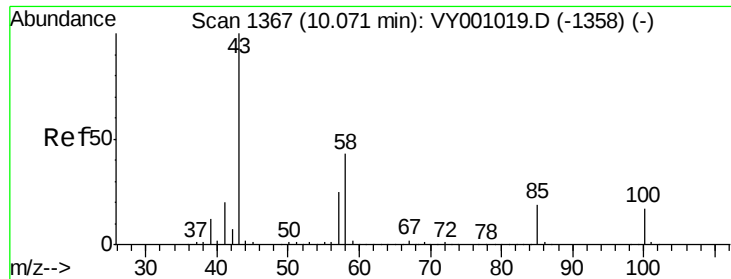
98 100

100 67.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 273.191 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

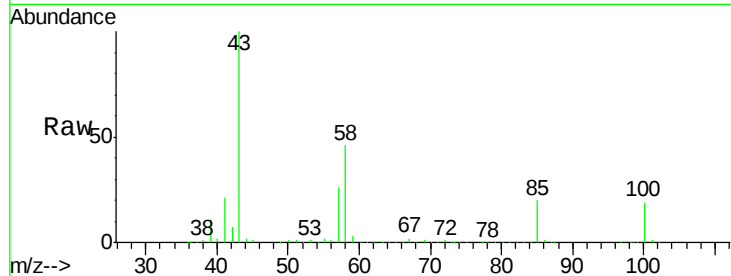
VSTDCCC050EC

Tgt Ion: 43 Resp: 687149

Ion Ratio Lower Upper

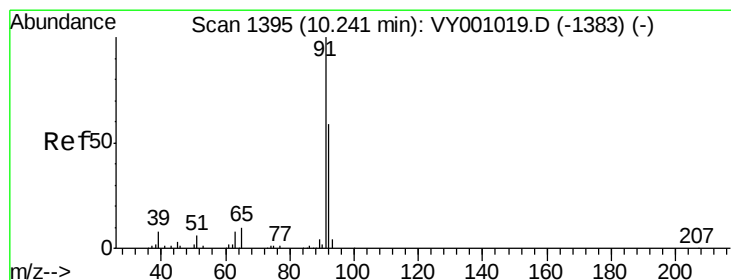
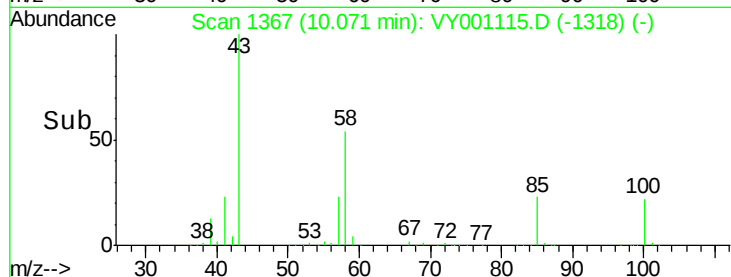
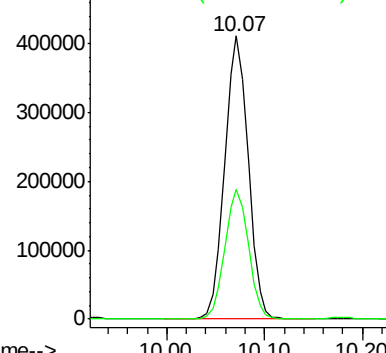
43 100

58 46.1 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.103 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001115.D

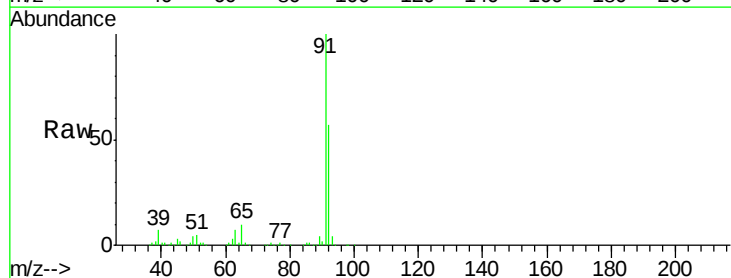
Acq: 27 Dec 2019 21:36

Tgt Ion: 92 Resp: 464235

Ion Ratio Lower Upper

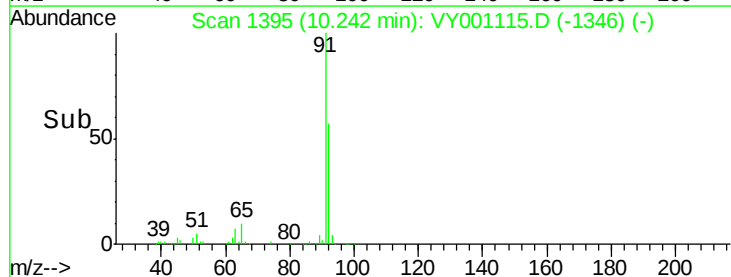
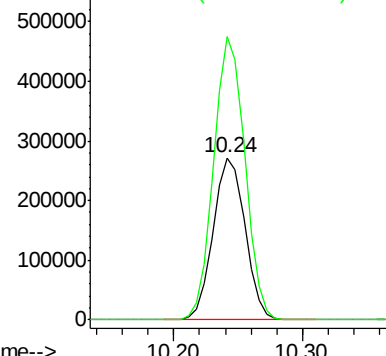
92 100

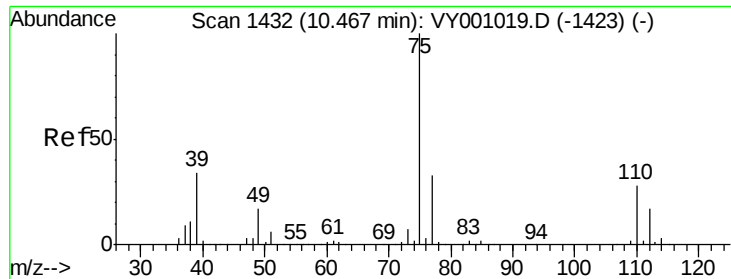
91 171.2 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

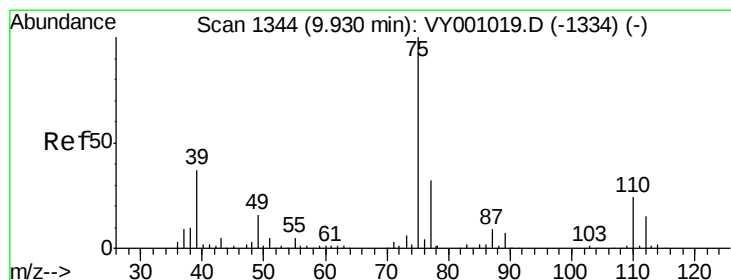
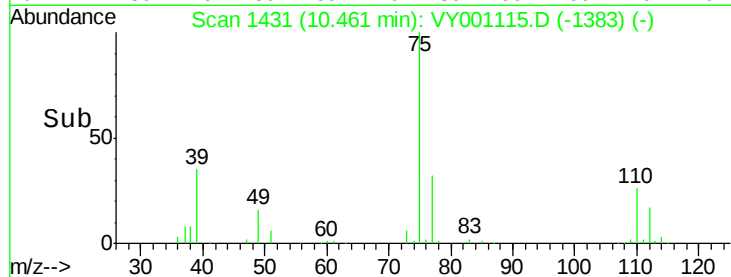
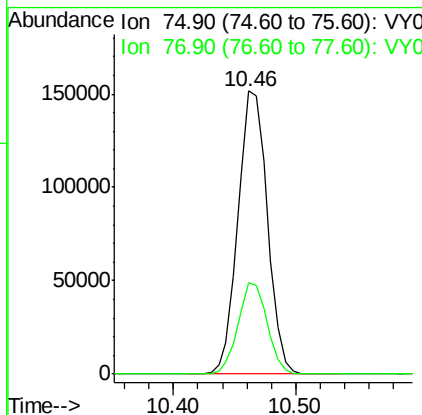
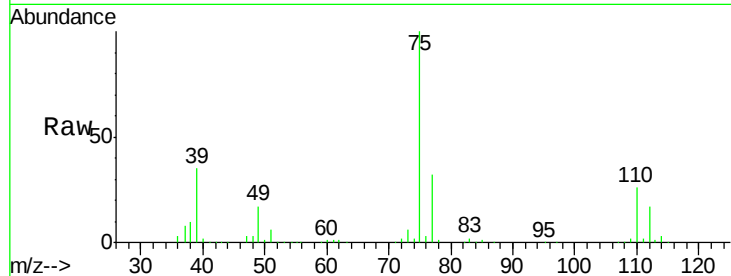




#53
 t-1,3-Dichloropropene
 Concen: 54.656 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

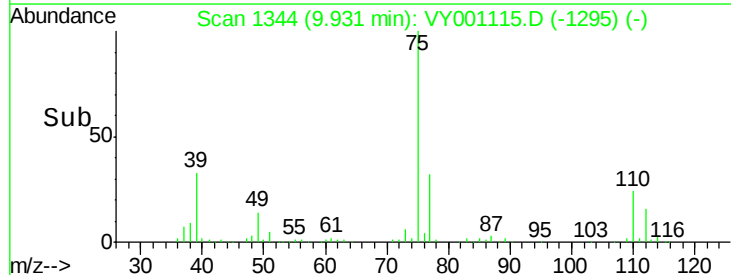
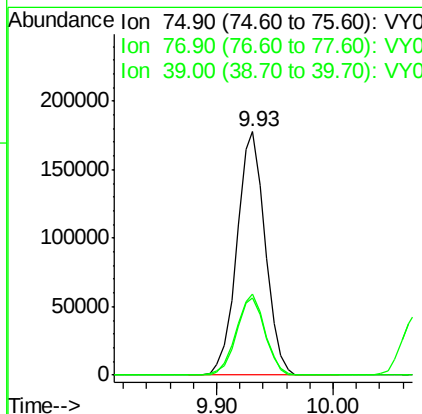
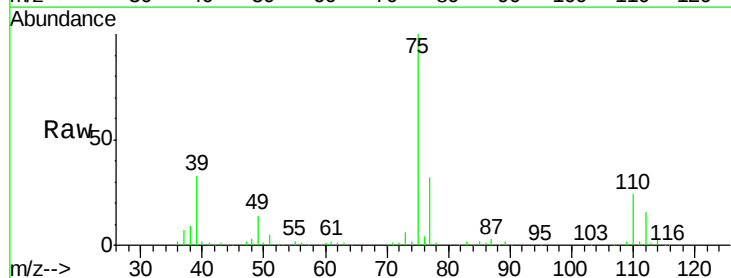
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

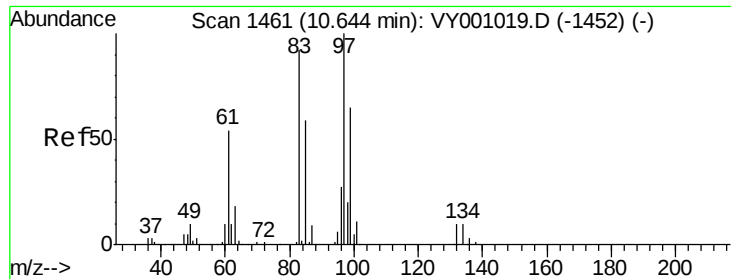
Tgt Ion: 75 Resp: 252373
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.987 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 75 Resp: 299756
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 33.1 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 58.929 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 161590

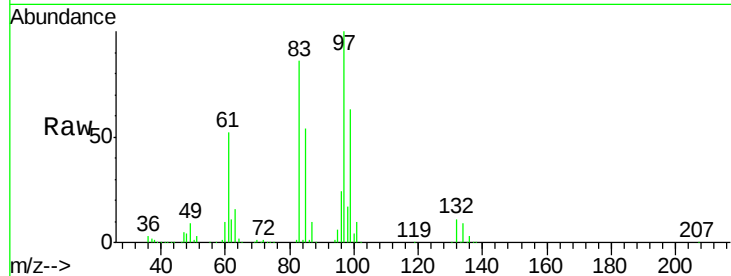
Ion Ratio Lower Upper

97 100

83 85.5 73.7 110.5

85 54.1 47.3 70.9

99 63.4 51.9 77.9

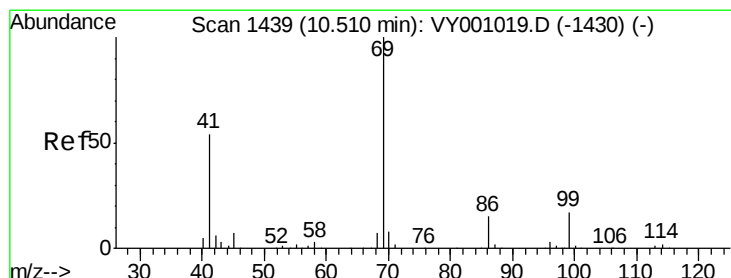
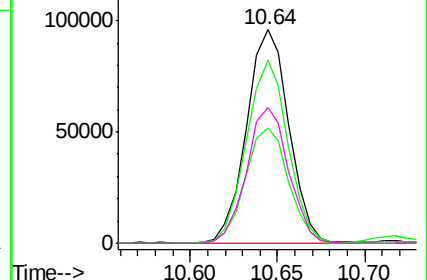
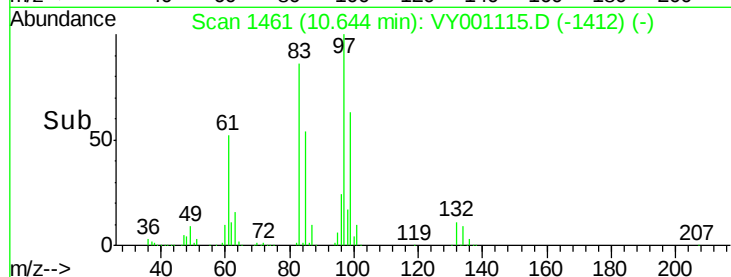


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 58.375 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

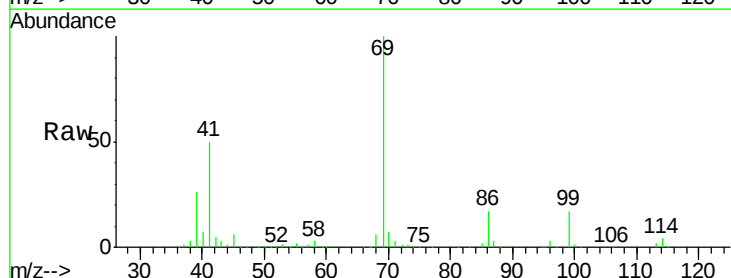
Tgt Ion: 69 Resp: 227819

Ion Ratio Lower Upper

69 100

41 50.6 44.7 67.1

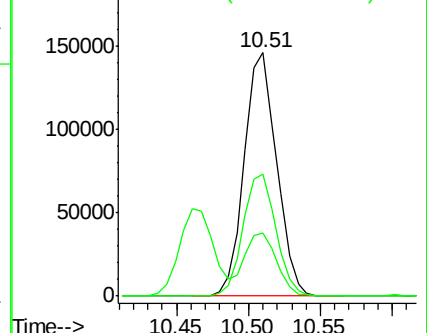
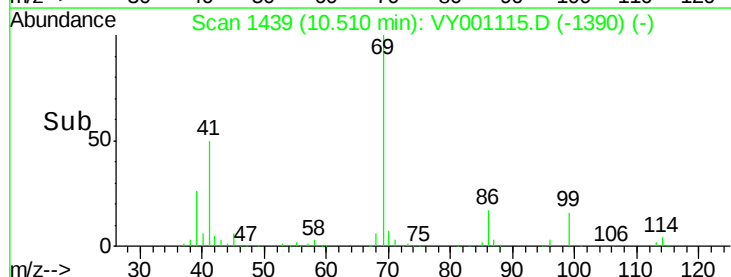
39 26.2 22.2 33.4

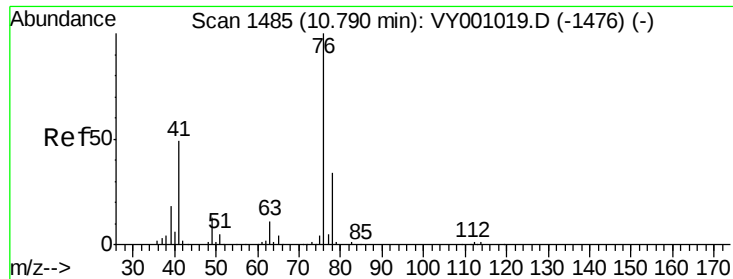


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

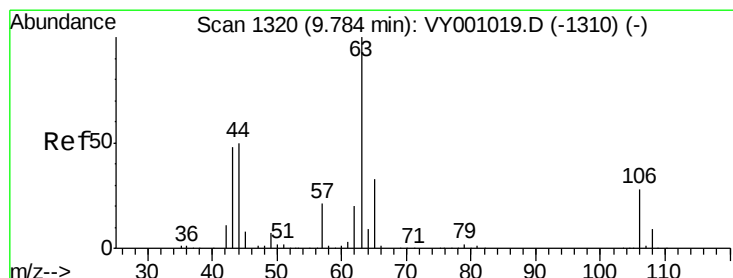
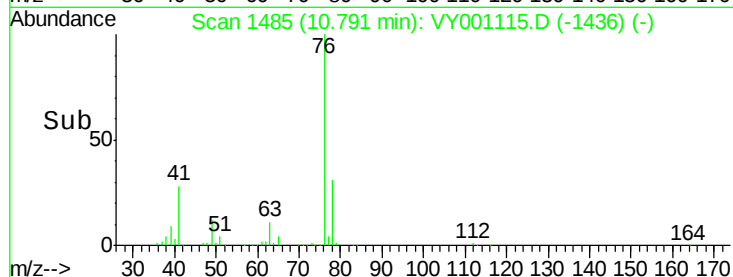
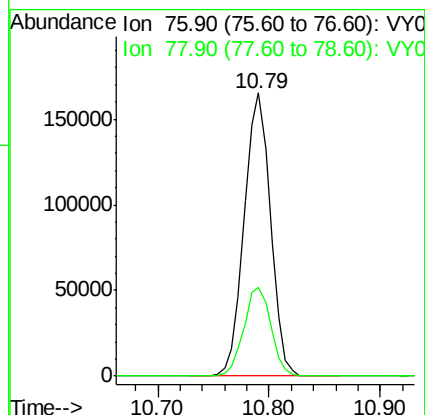
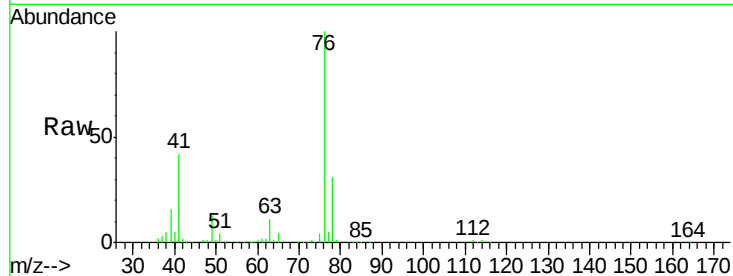




#57
 1,3-Dichloropropane
 Concen: 56.334 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

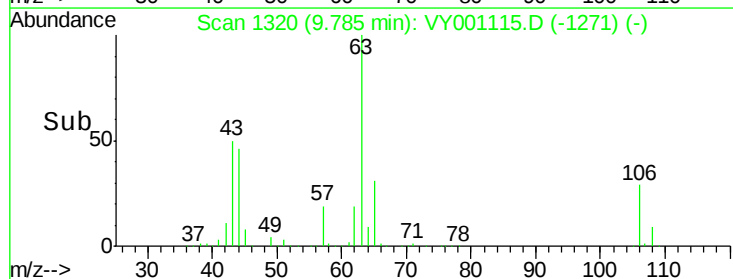
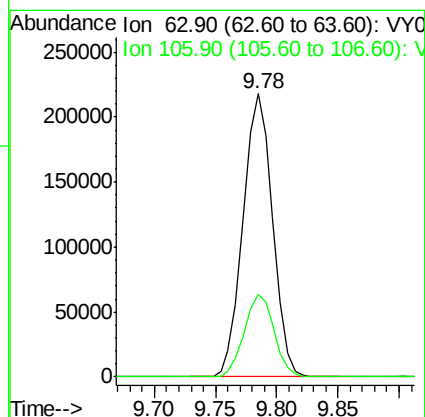
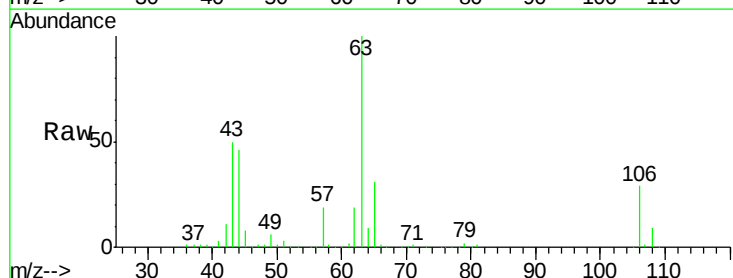
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

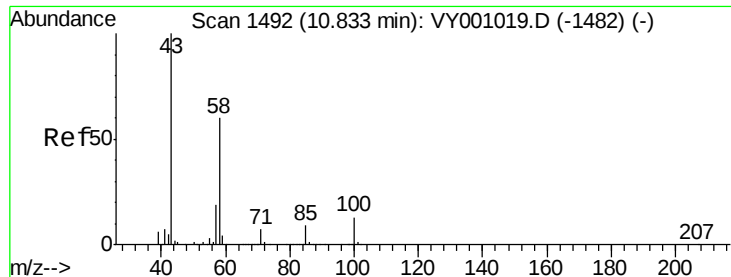
Tgt Ion: 76 Resp: 270763
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.462 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 63 Resp: 365477
 Ion Ratio Lower Upper
 63 100
 106 29.4 22.7 34.1

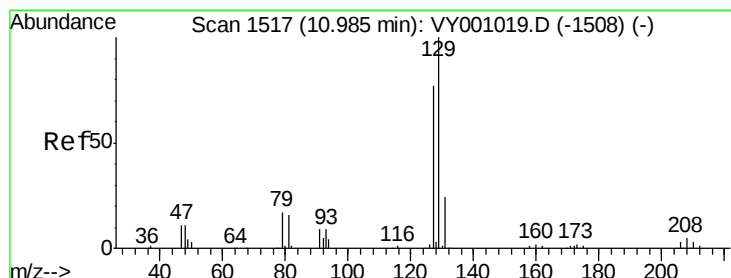
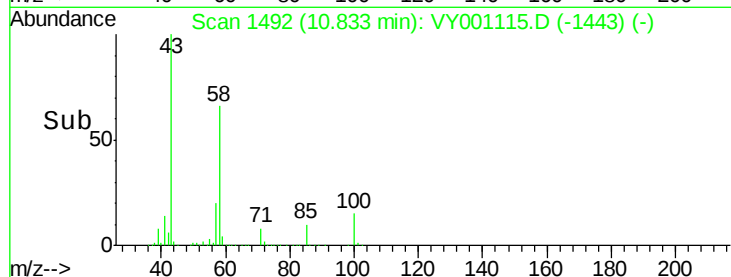
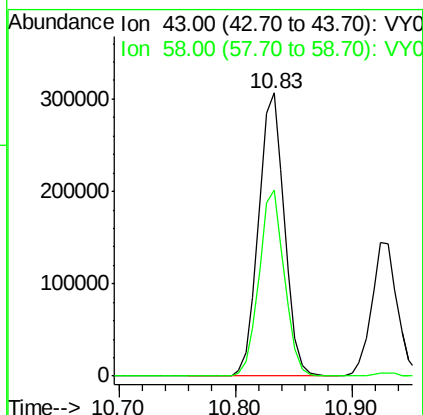
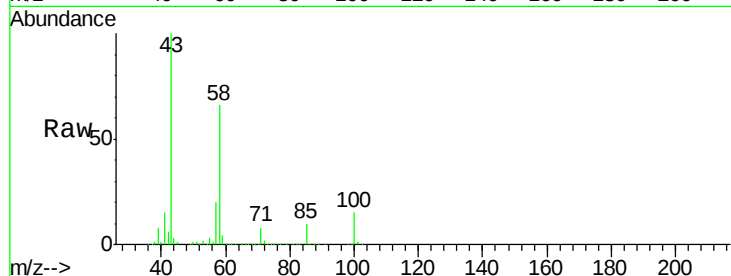




#59
2-Hexanone
Concen: 272.993 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

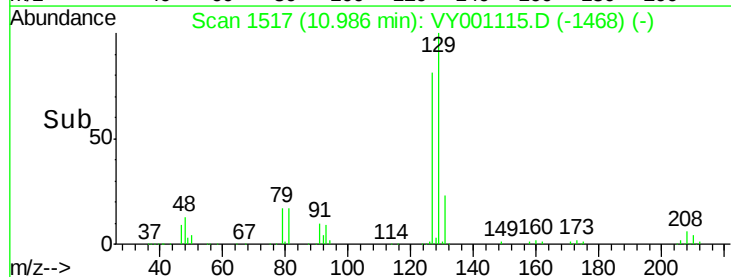
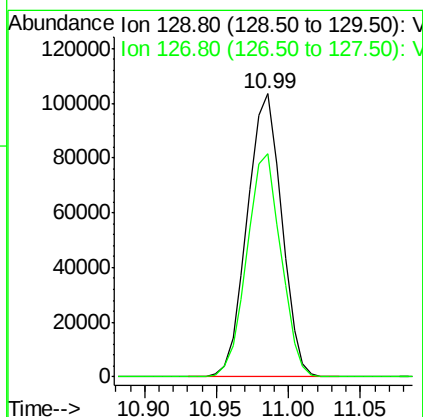
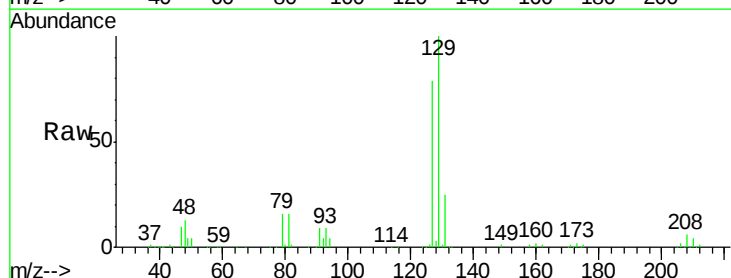
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

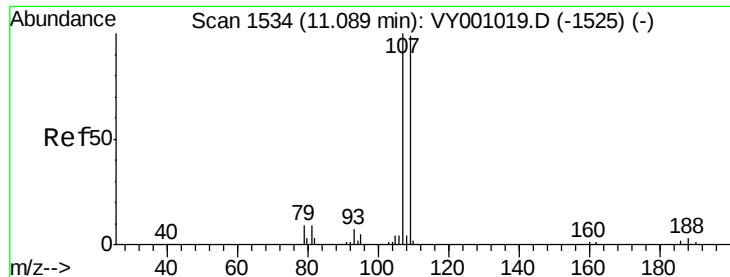
Tgt Ion: 43 Resp: 475123
Ion Ratio Lower Upper
43 100
58 64.4 30.6 91.6



#60
Dibromochloromethane
Concen: 58.561 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 129 Resp: 171530
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 59.569 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

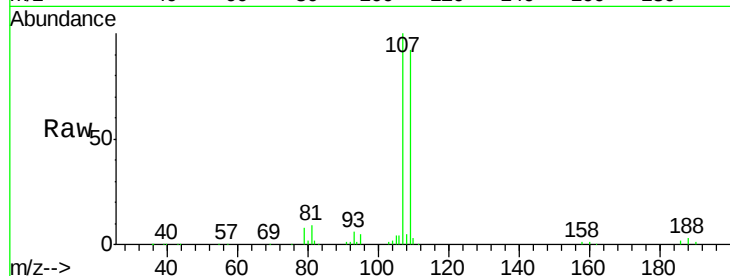
VSTDCCC050EC

Tgt Ion: 107 Resp: 156202

Ion Ratio Lower Upper

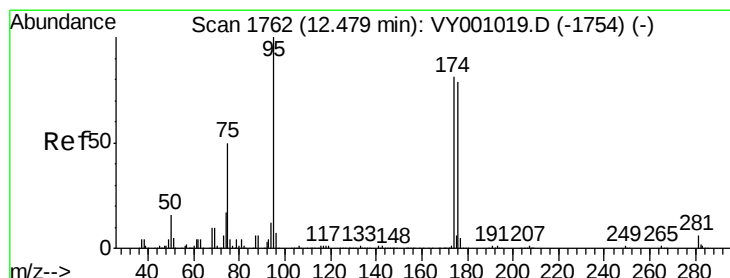
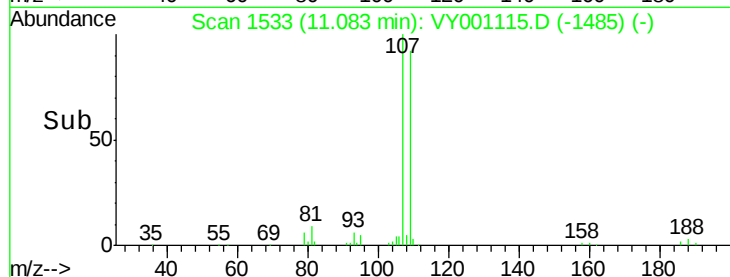
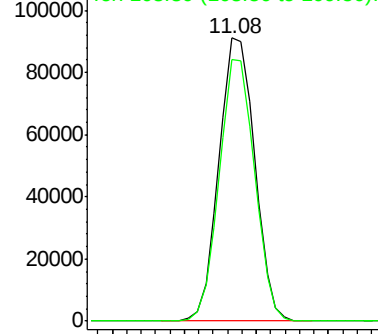
107 100

109 91.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.060 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

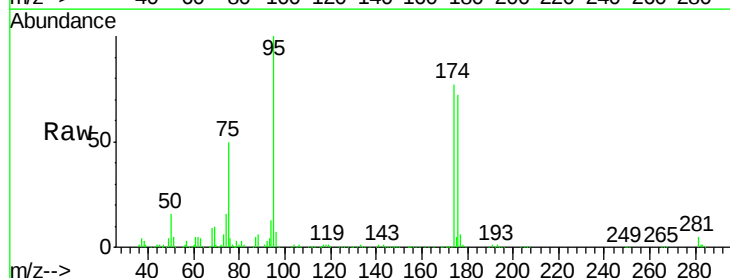
Tgt Ion: 95 Resp: 191253

Ion Ratio Lower Upper

95 100

174 83.5 0.0 156.4

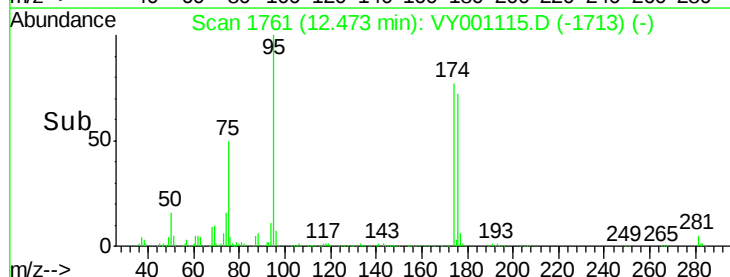
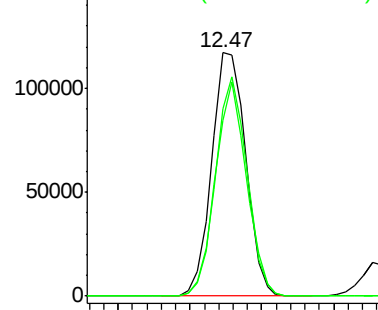
176 80.5 0.0 155.0

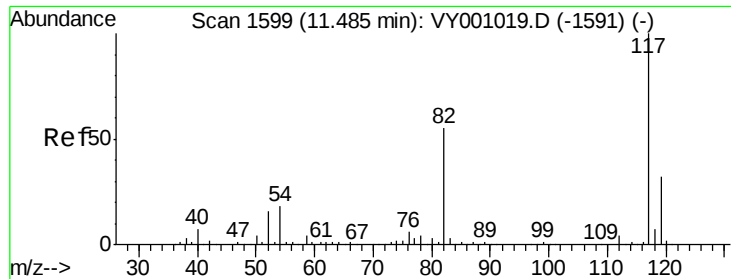


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

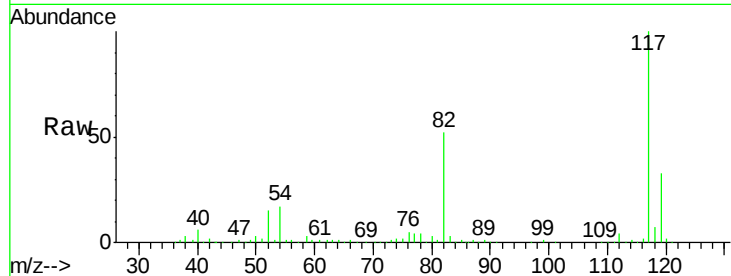




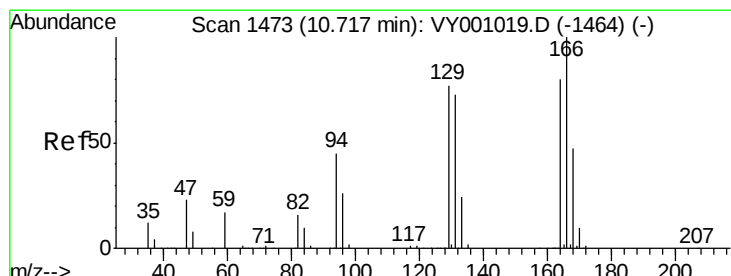
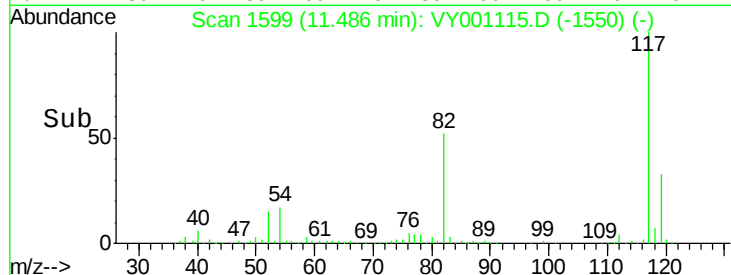
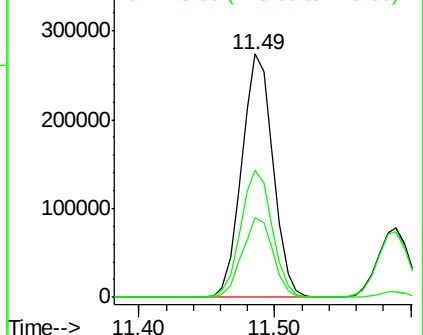
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 438931
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.8
119 32.5 25.8 38.6

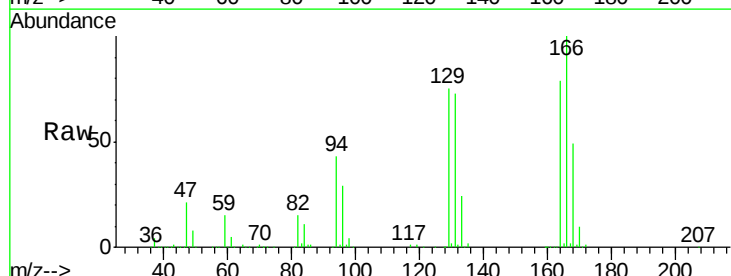


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

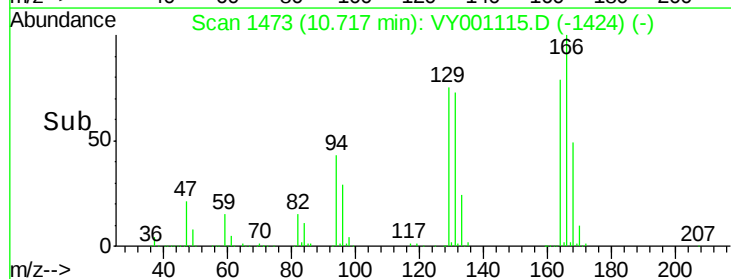
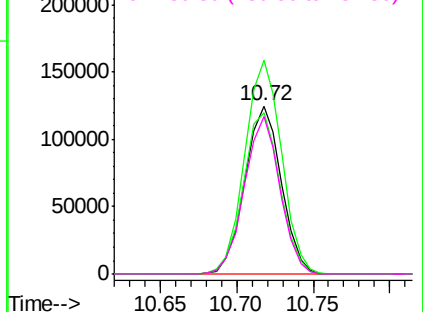


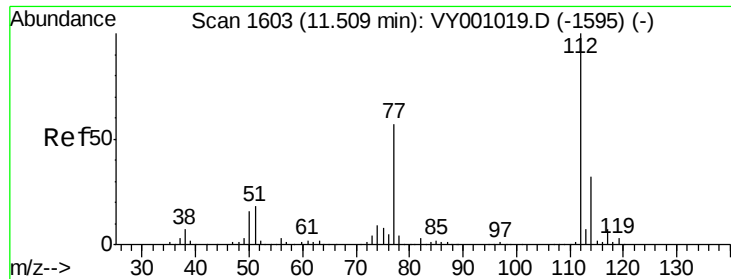
#64
Tetrachloroethene
Concen: 54.541 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:164 Resp: 207134
Ion Ratio Lower Upper
164 100
166 127.0 99.7 149.5
129 95.7 76.9 115.3
131 93.3 72.3 108.5



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

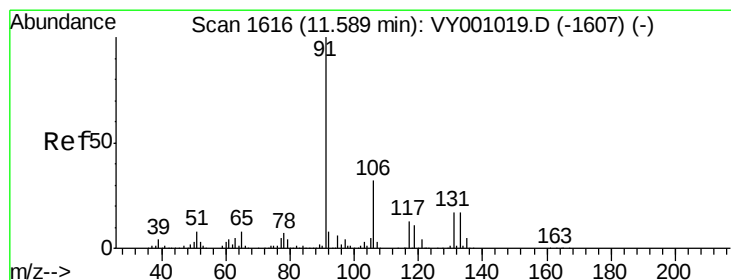
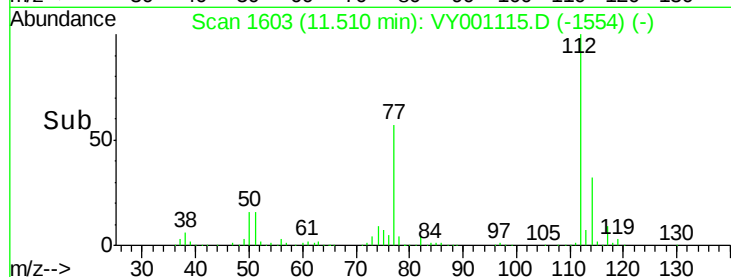
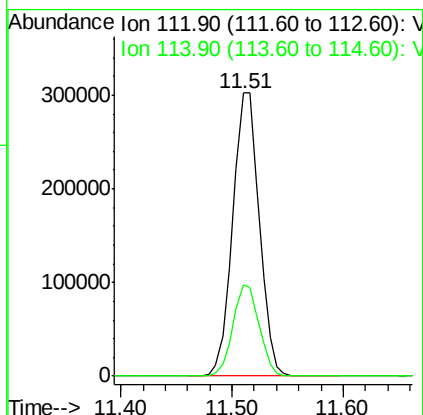
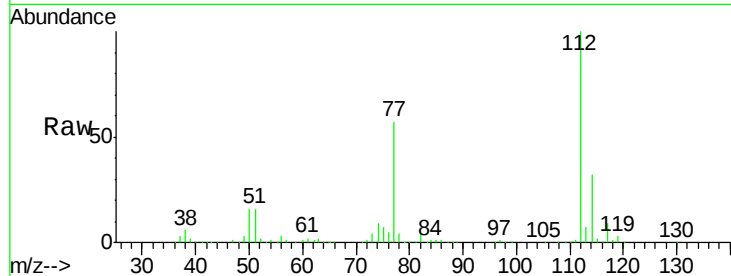




#65
Chlorobenzene
Concen: 54.942 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

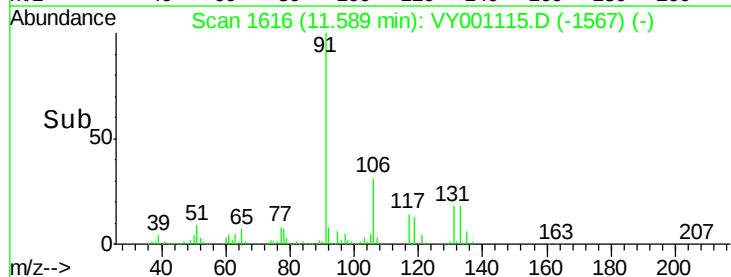
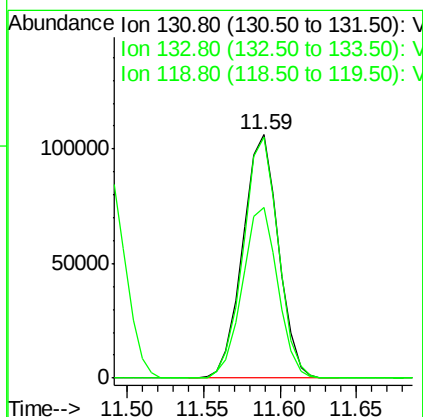
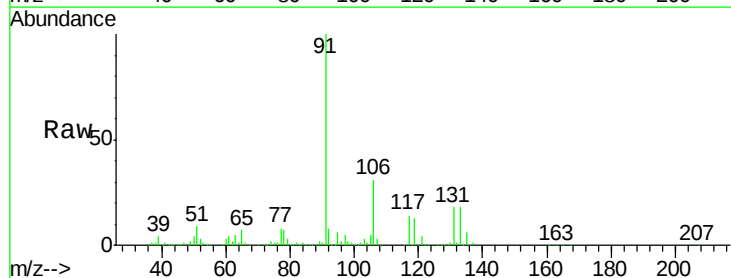
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

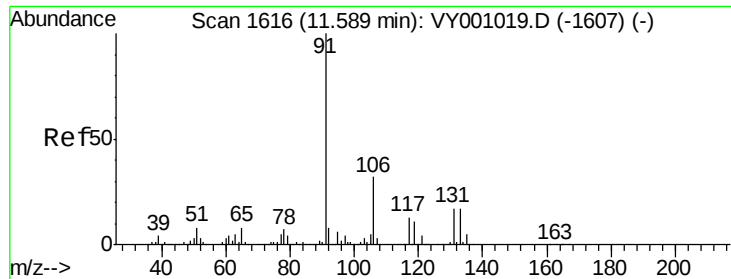
Tgt Ion:112 Resp: 500234
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.205 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:131 Resp: 171880
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.4
119 69.9 34.0 101.8

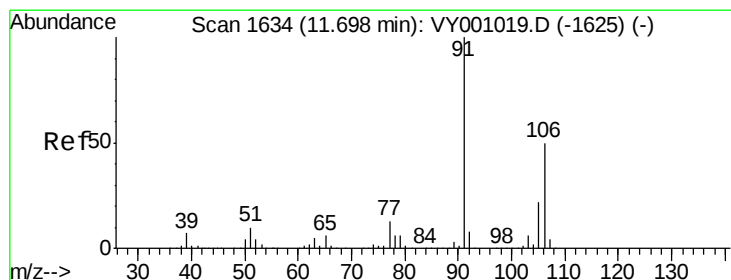
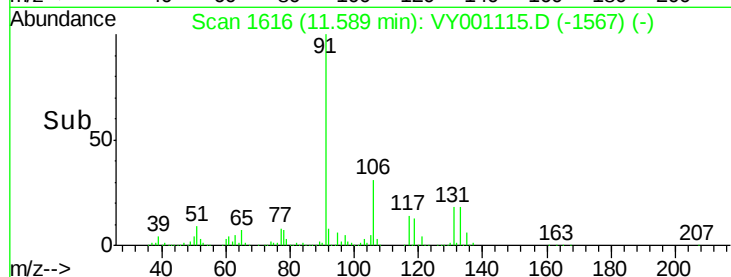
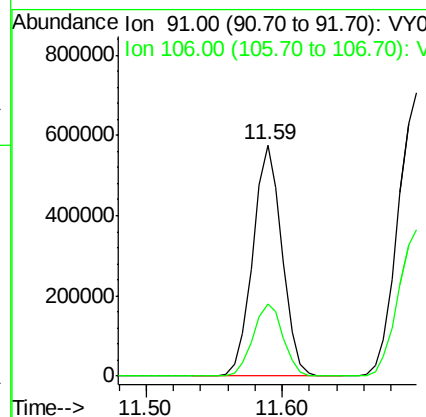
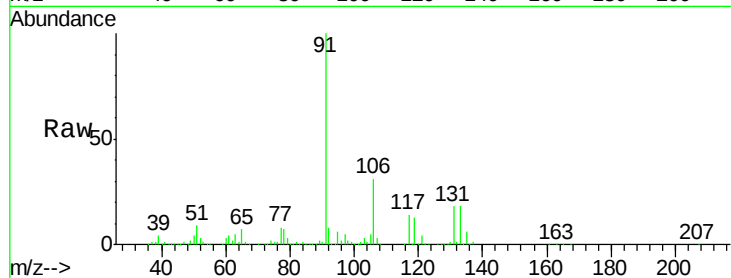




#67
Ethyl Benzene
Concen: 52.686 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

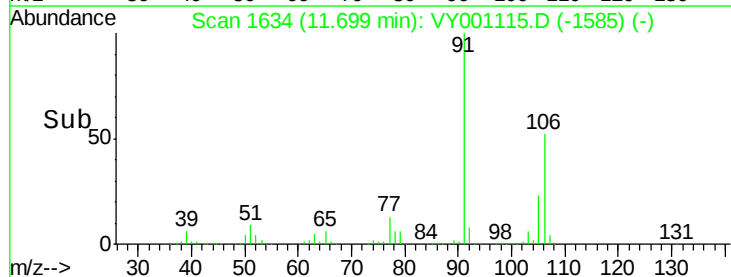
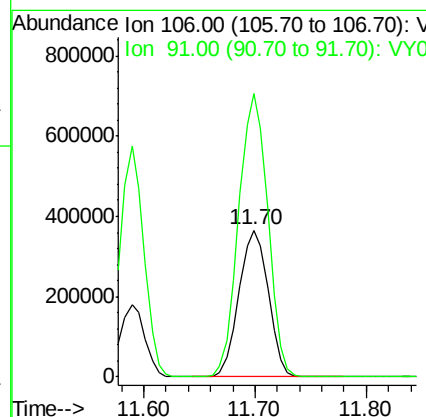
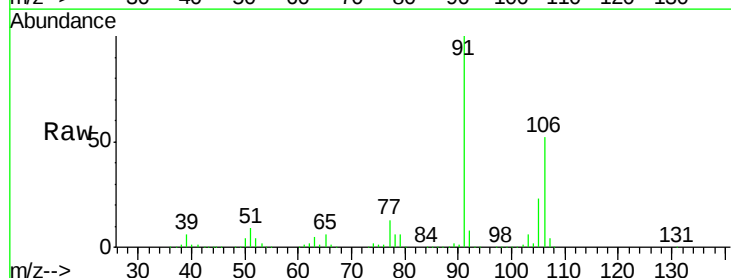
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

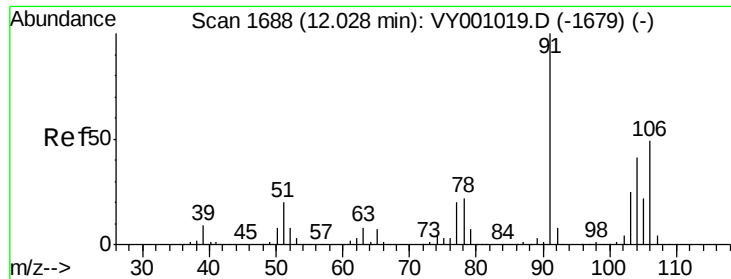
Tgt Ion: 91 Resp: 862808
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 107.431 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 106 Resp: 668016
Ion Ratio Lower Upper
106 100
91 191.0 156.4 234.6

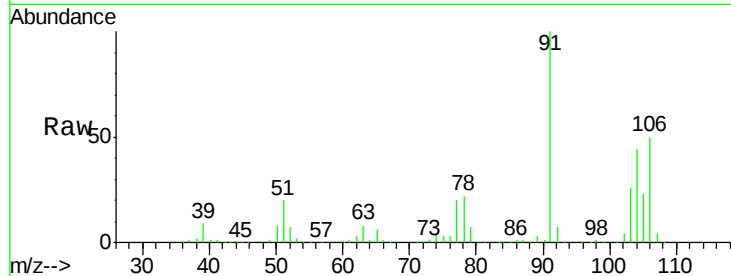




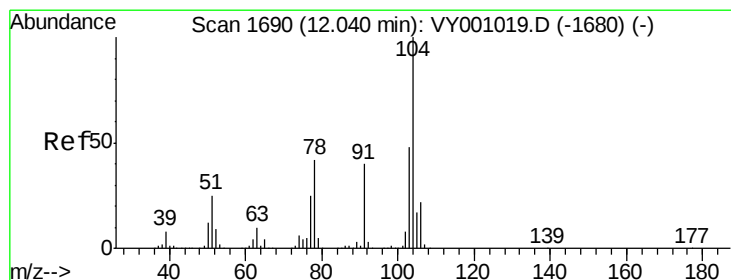
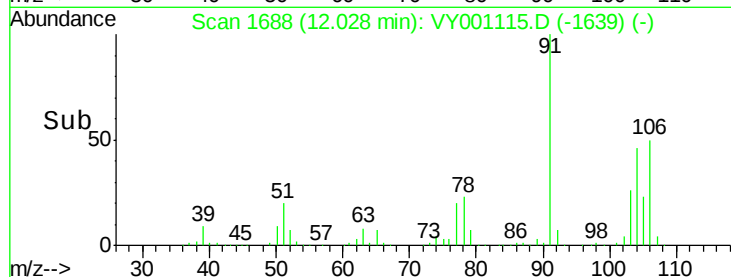
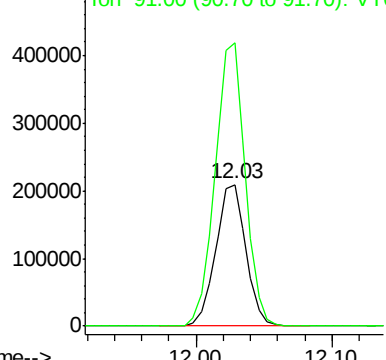
#69
o-Xylene
Concen: 55.277 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 323361
Ion Ratio Lower Upper
106 100
91 199.5 103.0 309.0

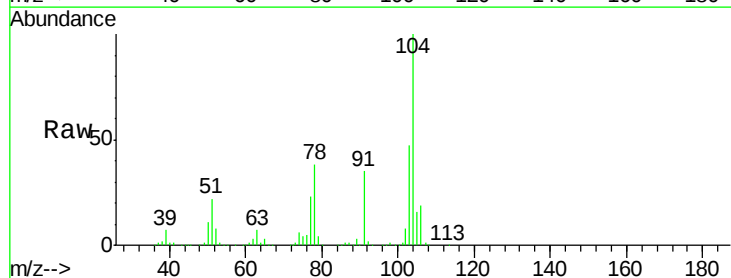


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

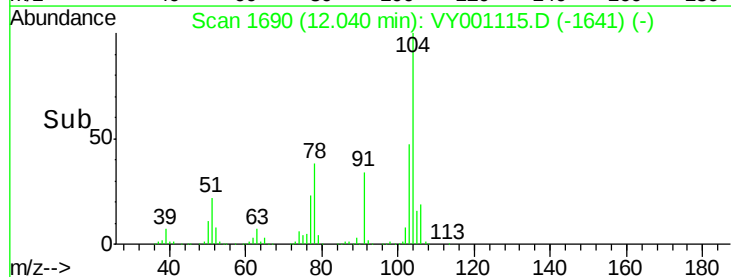
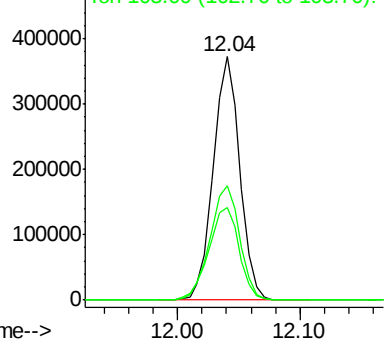


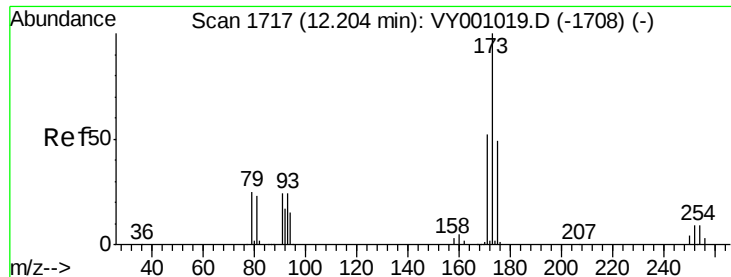
#70
Styrene
Concen: 56.308 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:104 Resp: 560080
Ion Ratio Lower Upper
104 100
78 43.5 36.6 54.8
103 52.5 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 61.415 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

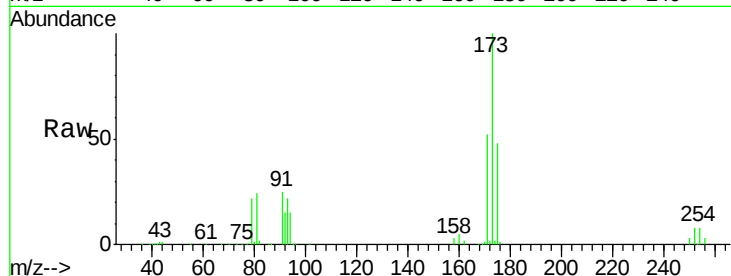
Tgt Ion:173 Resp: 102748

Ion Ratio Lower Upper

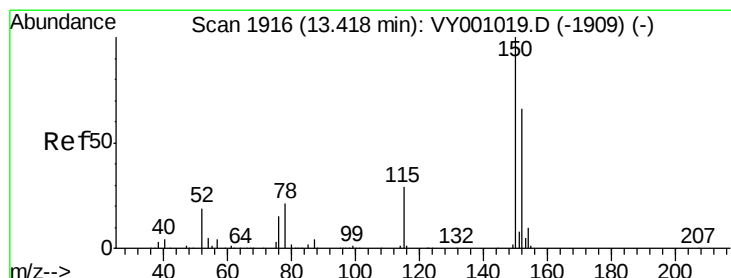
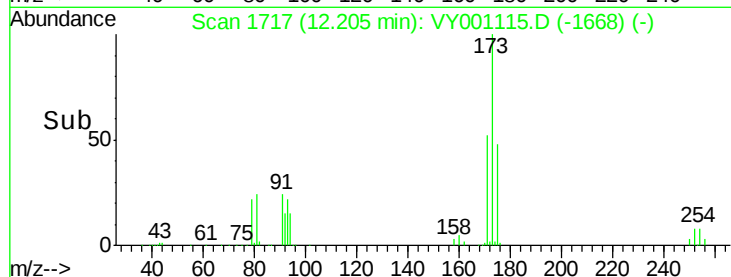
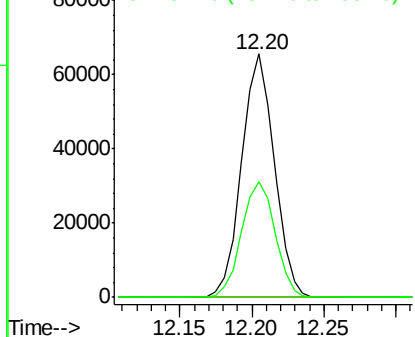
173 100

175 48.9 24.5 73.5

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: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

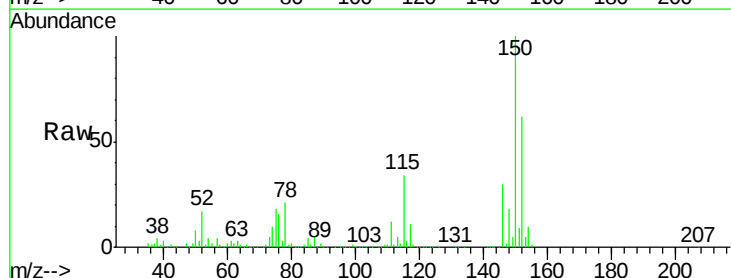
Tgt Ion:152 Resp: 197073

Ion Ratio Lower Upper

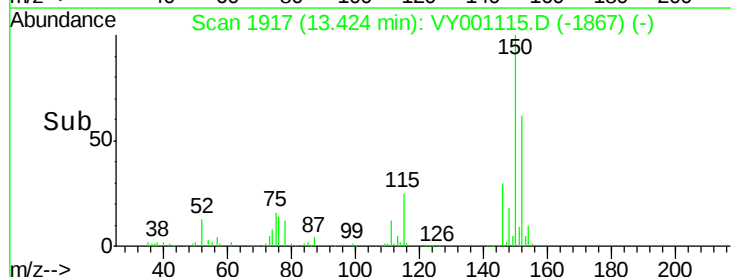
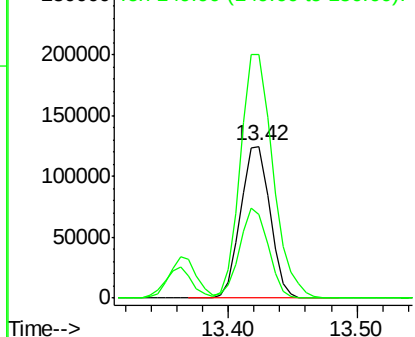
152 100

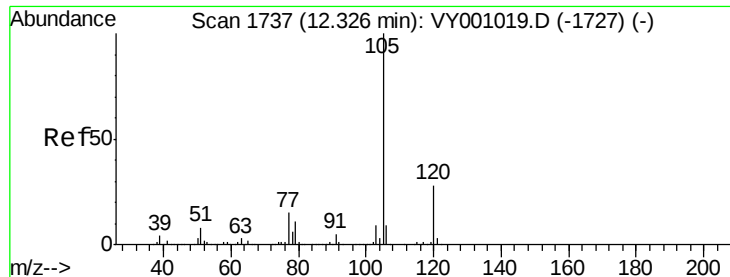
115 57.9 29.8 89.3

150 178.1 0.0 352.6



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: 53.824 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

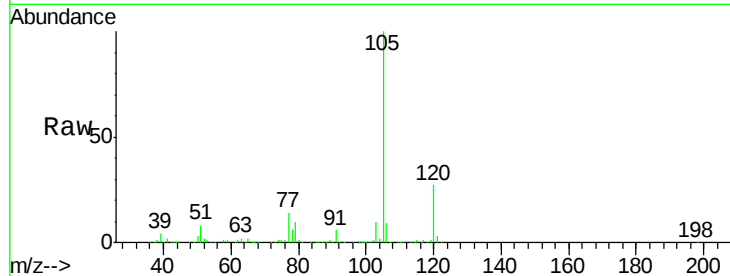
VSTDCCC050EC

Tgt Ion: 105 Resp: 820845

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

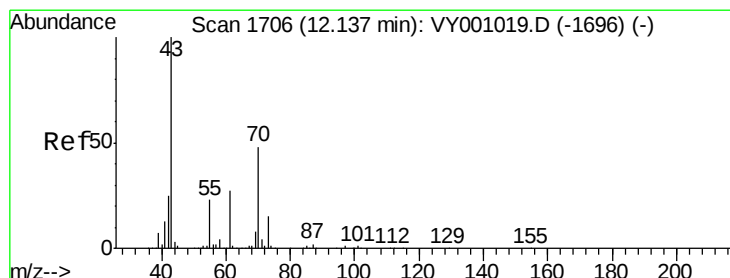
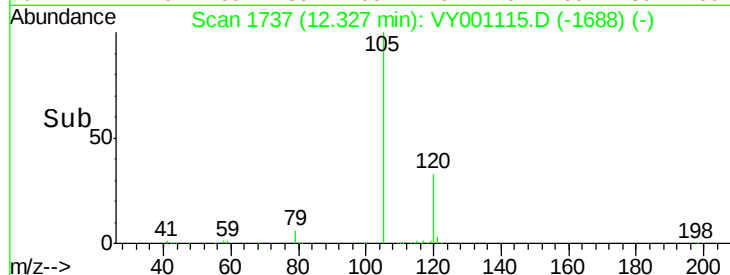
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.385 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Tgt Ion: 43 Resp: 217889

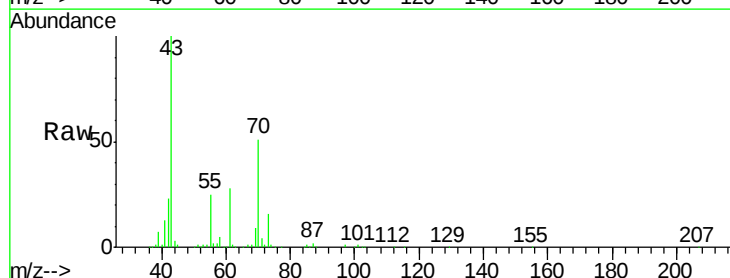
Ion Ratio Lower Upper

43 100

70 51.0 39.0 58.6

55 26.6 19.5 29.3

61 29.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

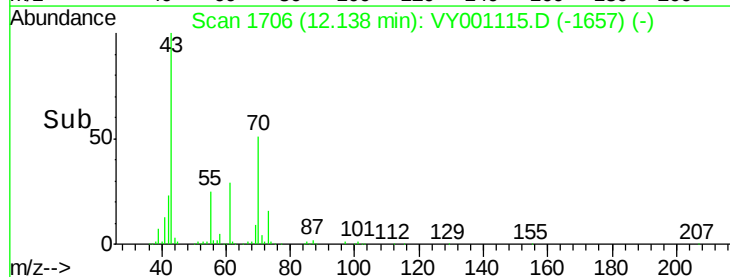
150000

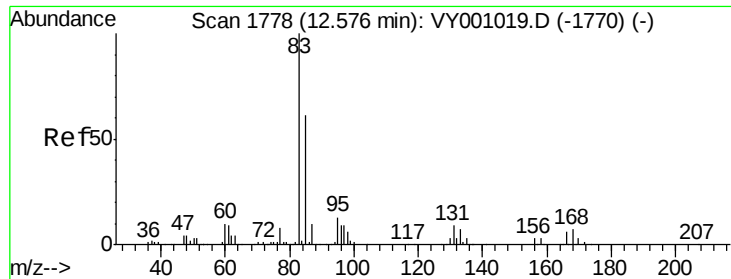
100000

50000

0

Time-->

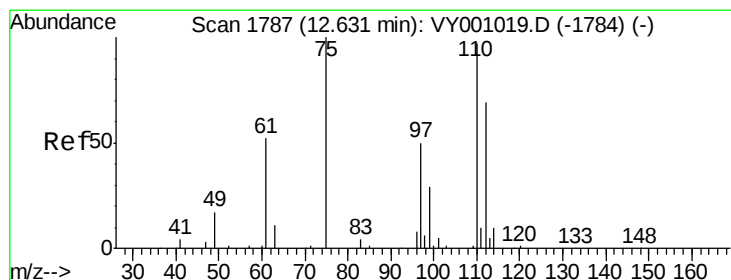
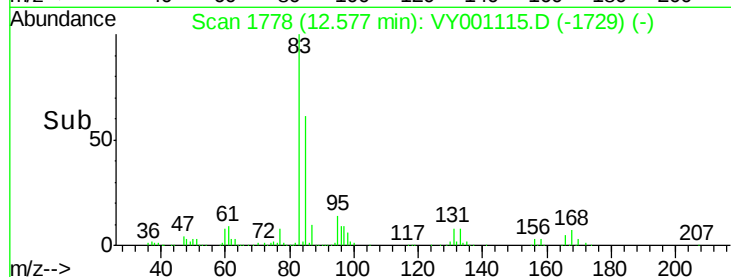
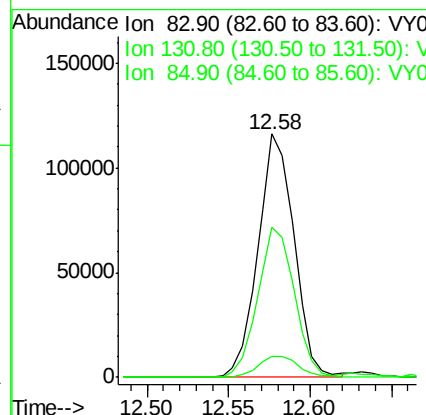
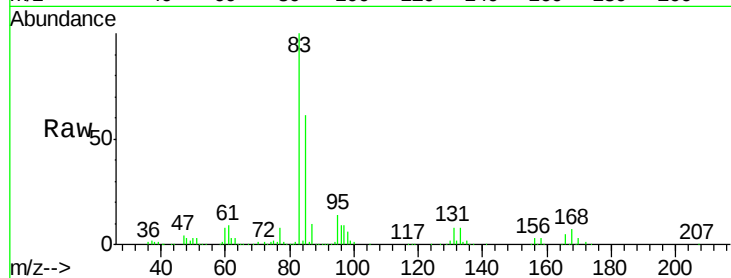




#75
 1,1,2,2-Tetrachloroethane
 Concen: 59.598 ug/l
 RT: 12.58 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

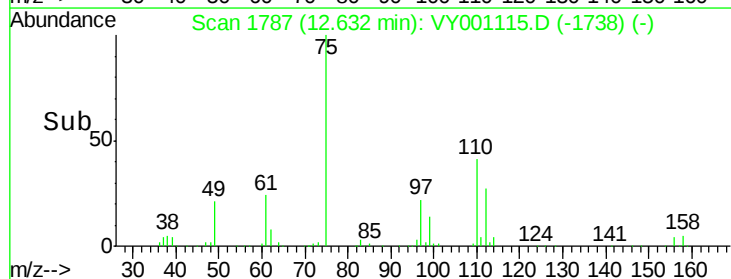
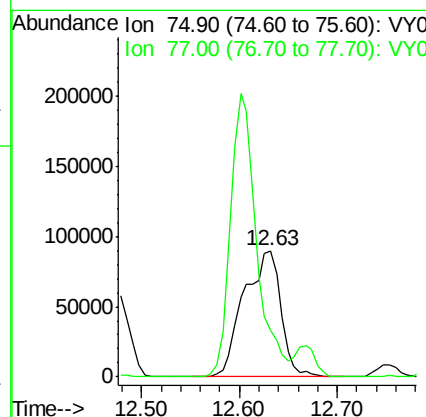
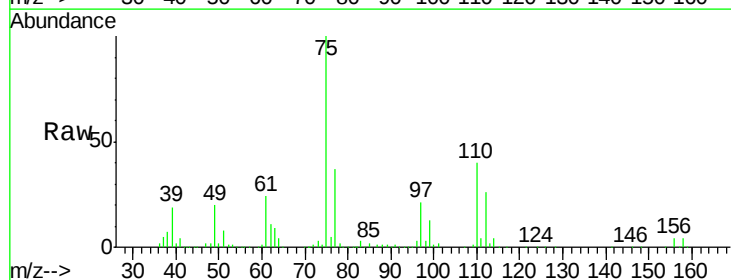
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

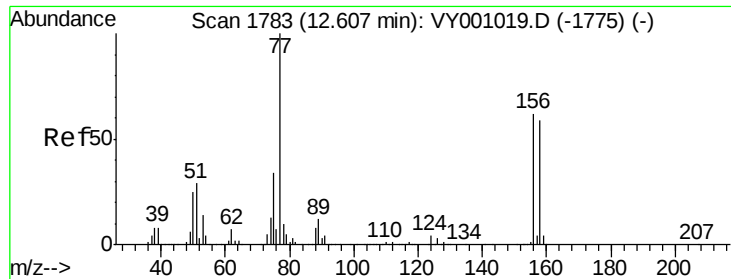
Tgt Ion: 83 Resp: 179053
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 62.6 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 97.581 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 75 Resp: 237074
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

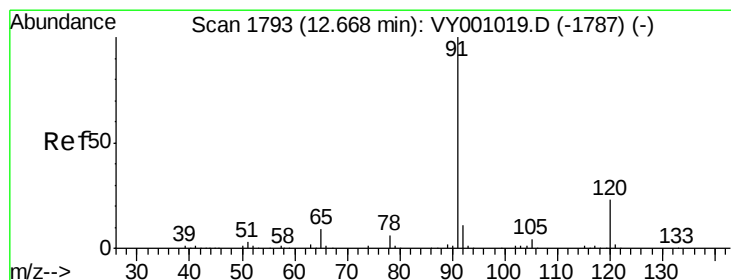
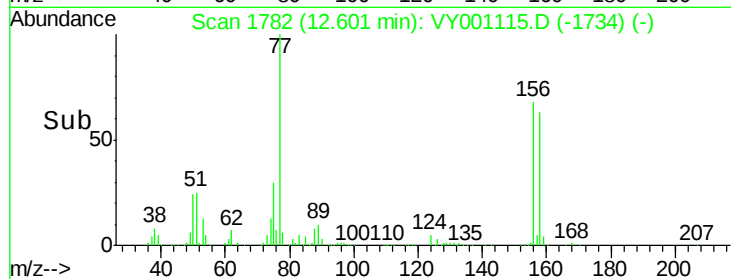
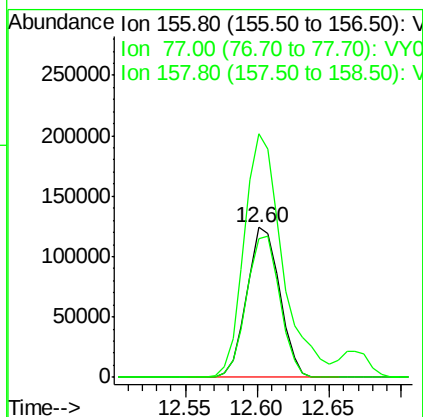
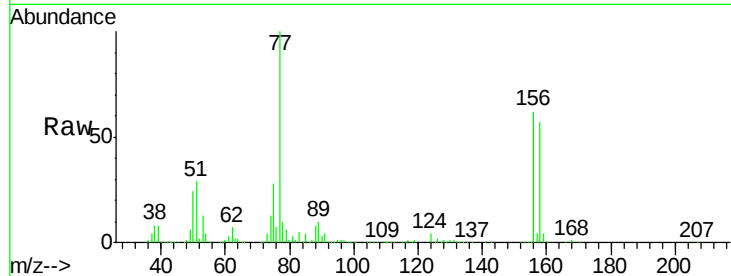




#77
Bromobenzene
Concen: 57.117 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

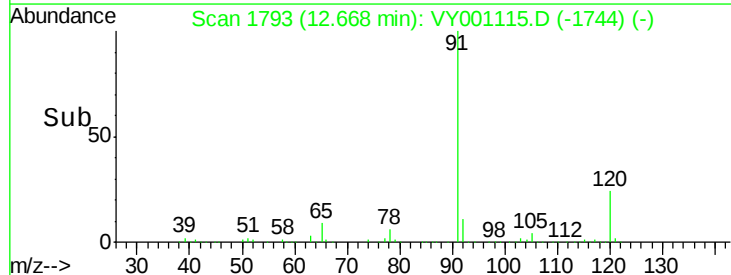
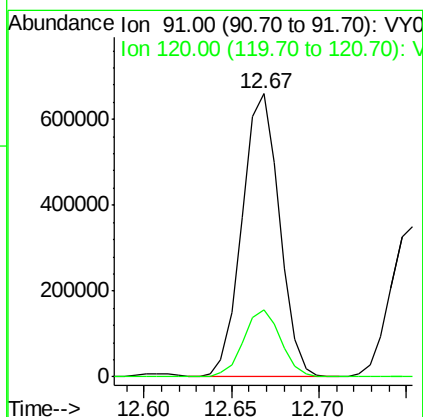
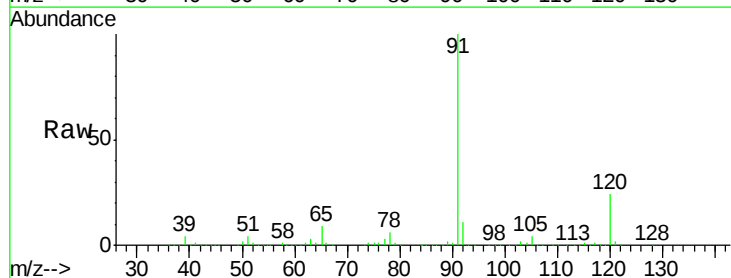
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

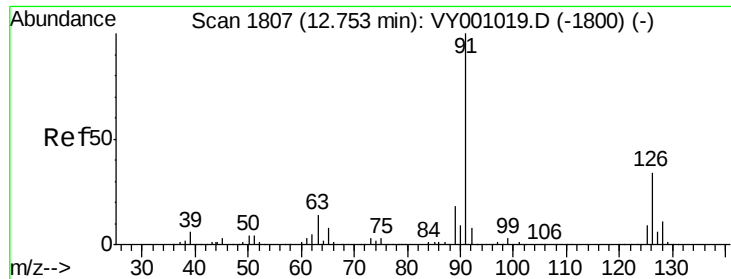
Tgt Ion: 156 Resp: 195905
Ion Ratio Lower Upper
156 100
77 190.3 98.0 294.1
158 95.4 48.5 145.6



#78
n-propylbenzene
Concen: 53.039 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 91 Resp: 985596
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2

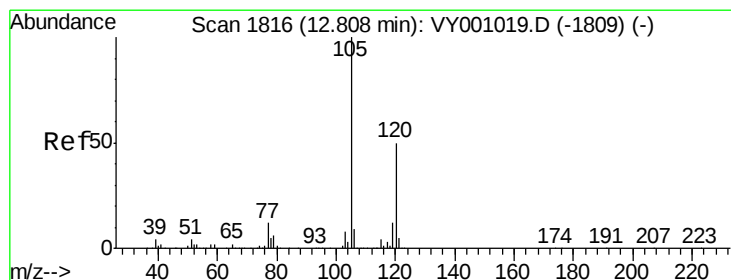
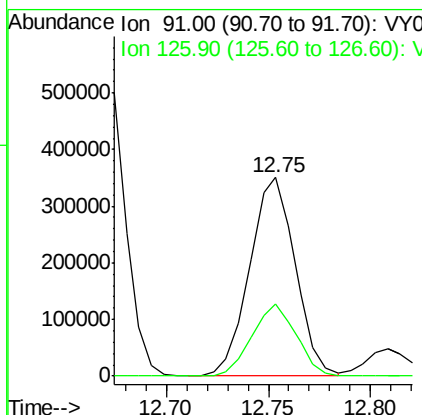
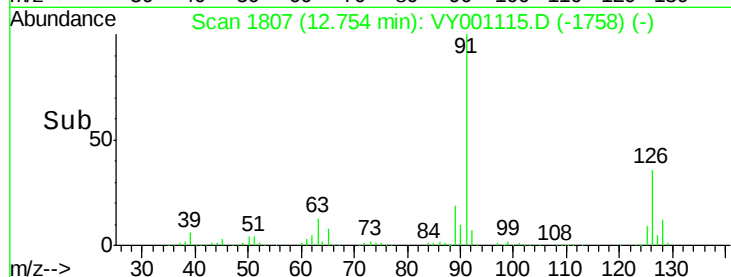
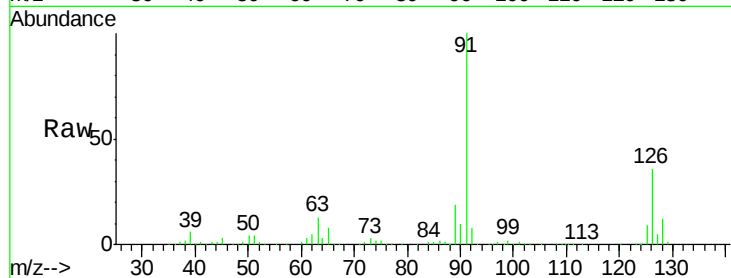




#79
 2-Chlorotoluene
 Concen: 53.095 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

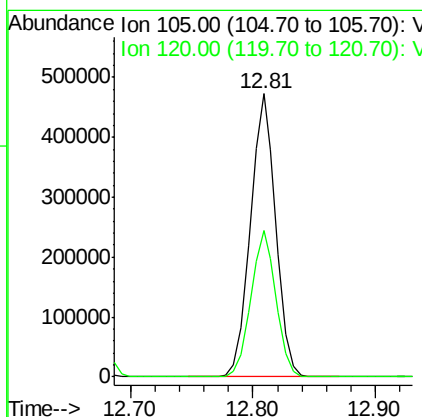
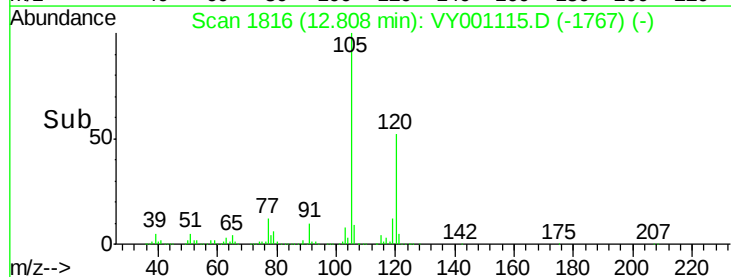
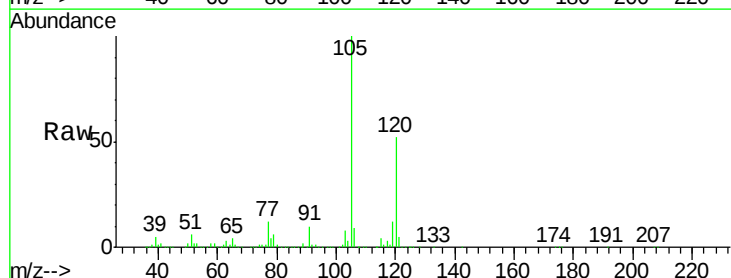
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

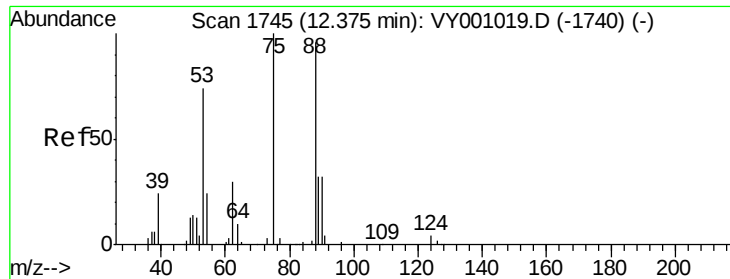
Tgt Ion: 91 Resp: 544869
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.356 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 105 Resp: 679484
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.714 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

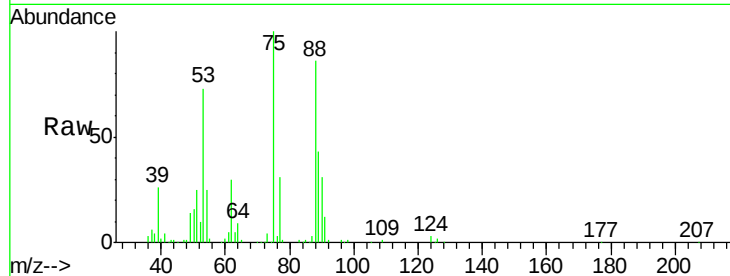
Tgt Ion: 75 Resp: 65744

Ion Ratio Lower Upper

75 100

53 73.9 60.6 91.0

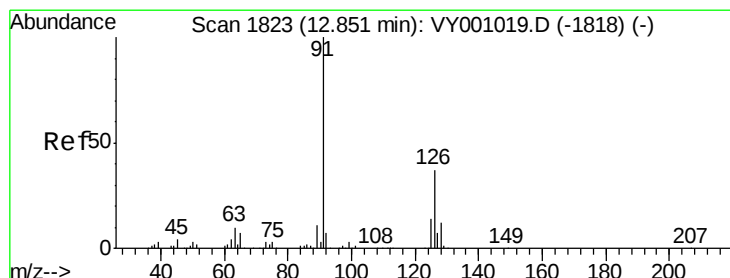
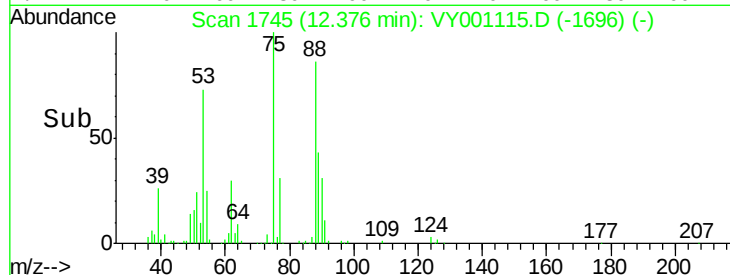
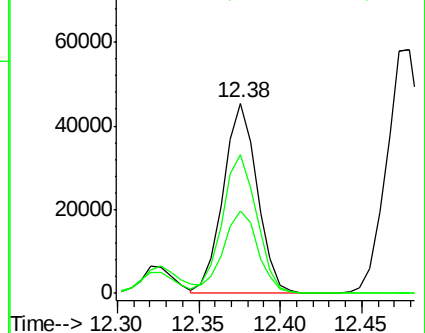
89 44.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.327 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001115.D

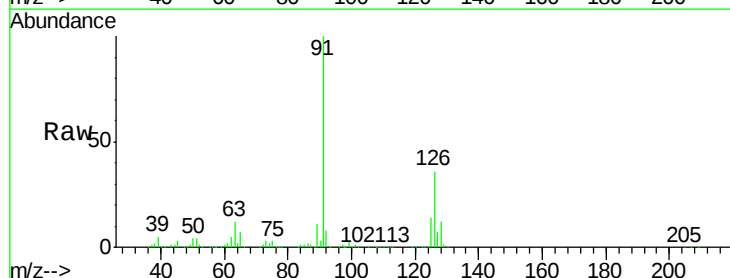
Acq: 27 Dec 2019 21:36

Tgt Ion: 91 Resp: 568420

Ion Ratio Lower Upper

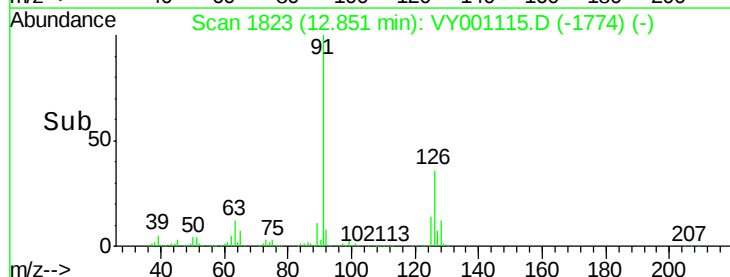
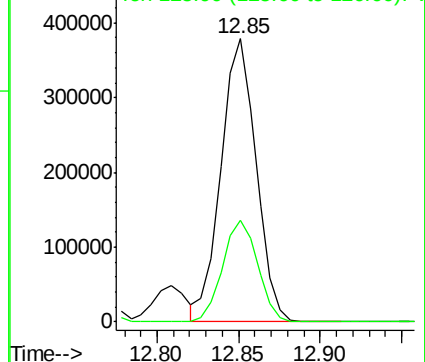
91 100

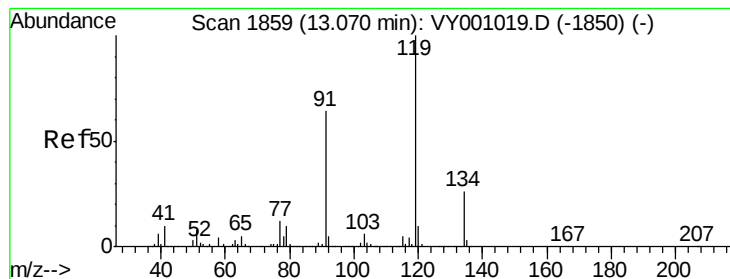
126 36.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.352 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001115.D

Acq: 27 Dec 2019 21:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

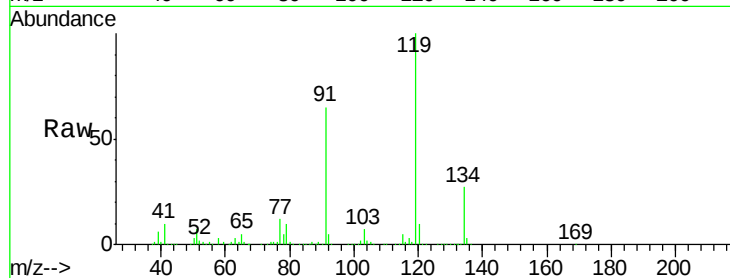
Tgt Ion:119 Resp: 559843

Ion Ratio Lower Upper

119 100

91 64.1 31.9 95.7

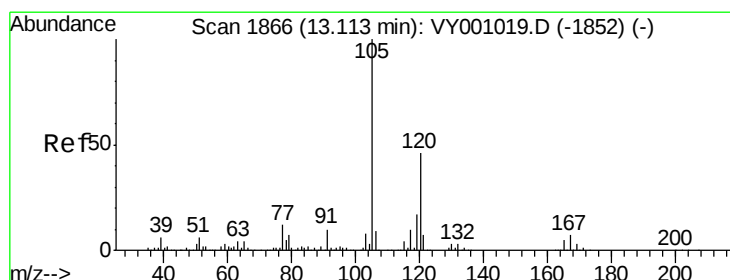
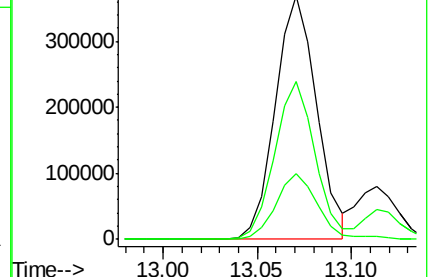
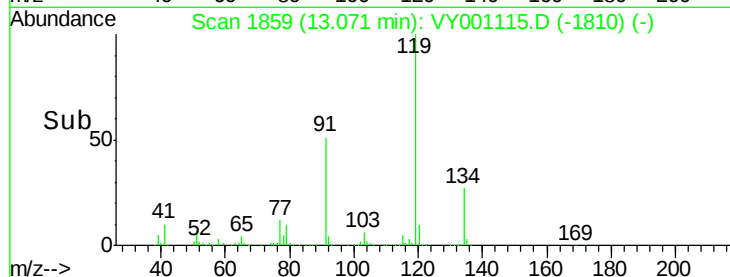
134 27.5 13.6 40.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.125 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VY001115.D

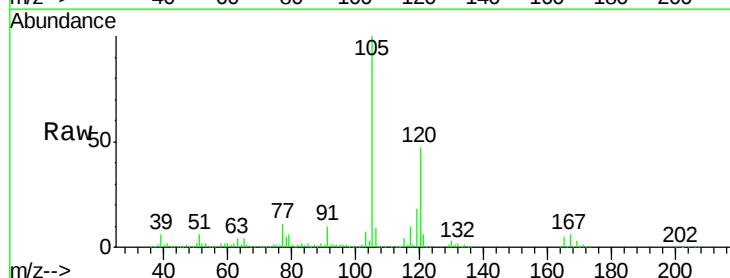
Acq: 27 Dec 2019 21:36

Tgt Ion:105 Resp: 679902

Ion Ratio Lower Upper

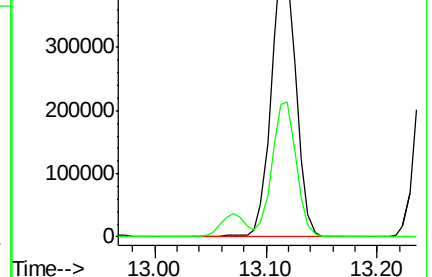
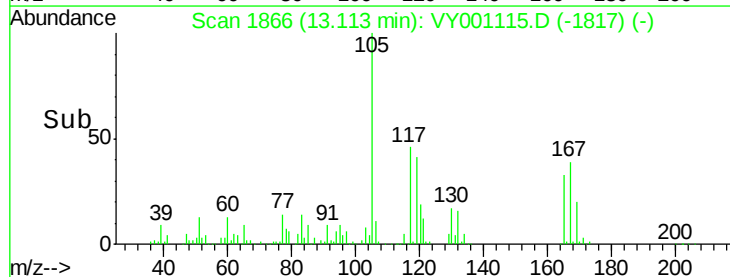
105 100

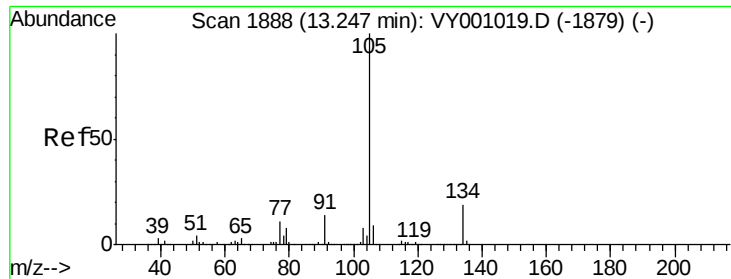
120 47.5 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

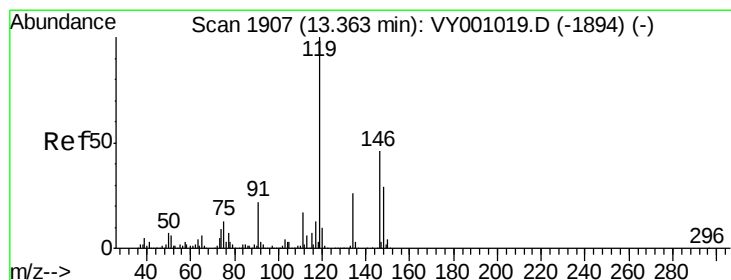
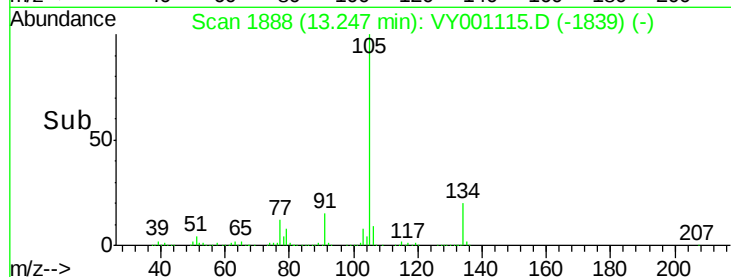
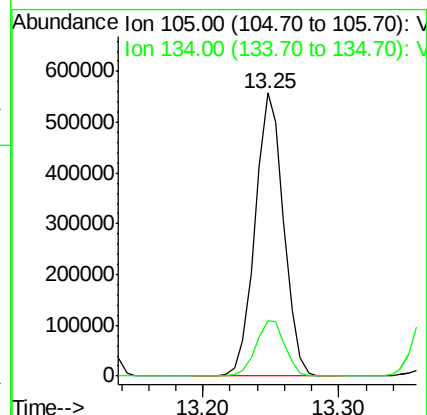
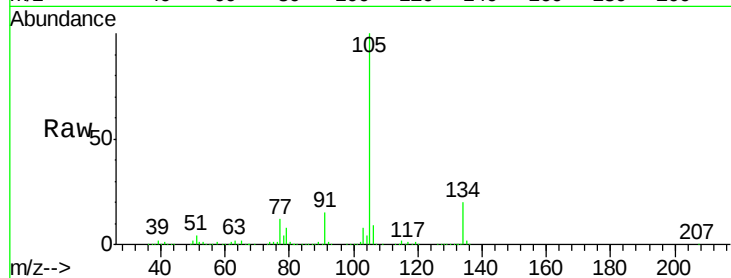




#85
 sec-Butylbenzene
 Concen: 53.088 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

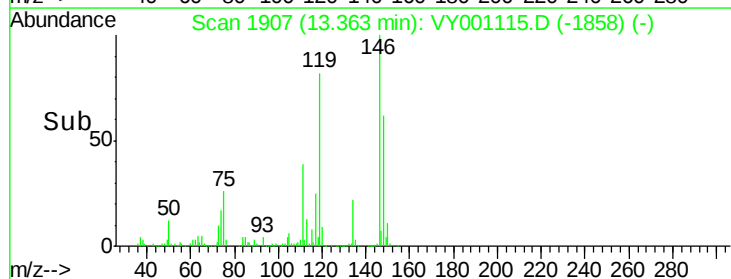
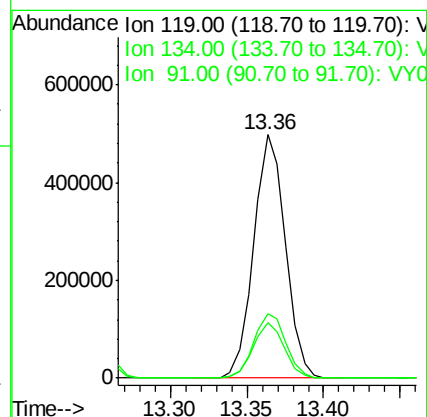
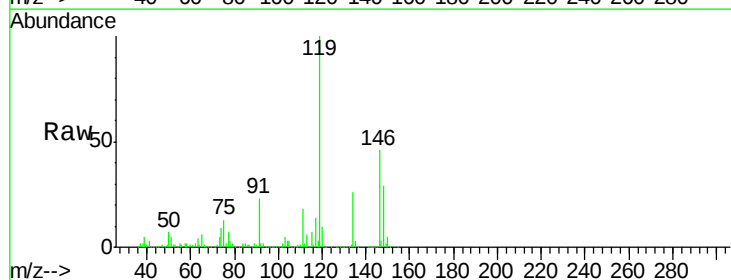
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

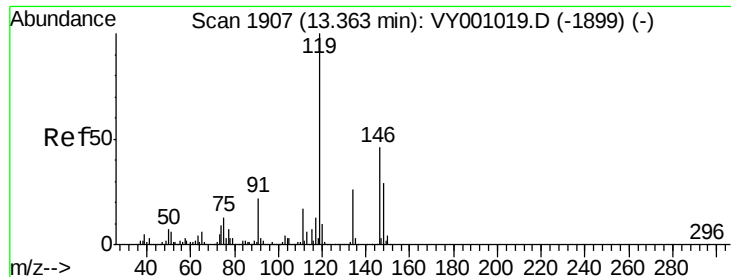
Tgt Ion:105 Resp: 821259
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 53.334 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion:119 Resp: 713925
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.2 11.4 34.1

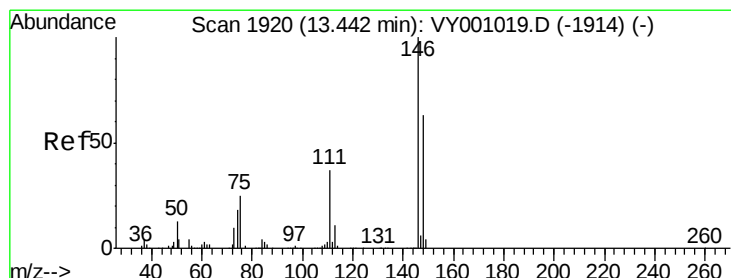
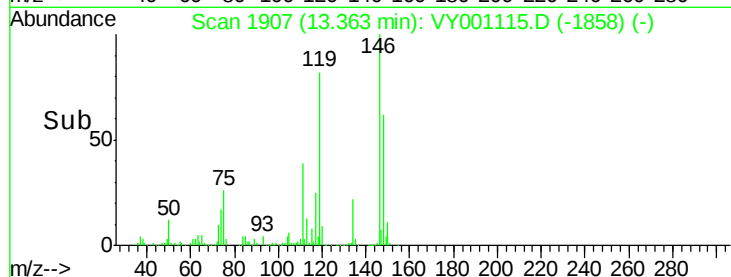
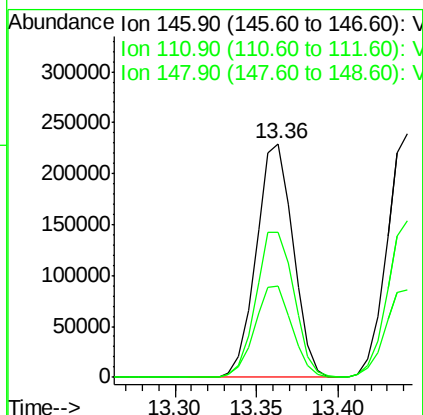
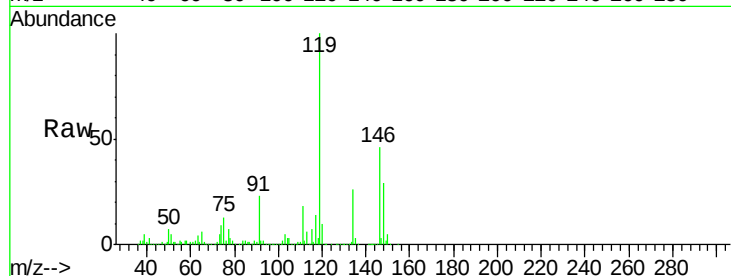




#87
 1,3-Dichlorobenzene
 Concen: 54.768 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

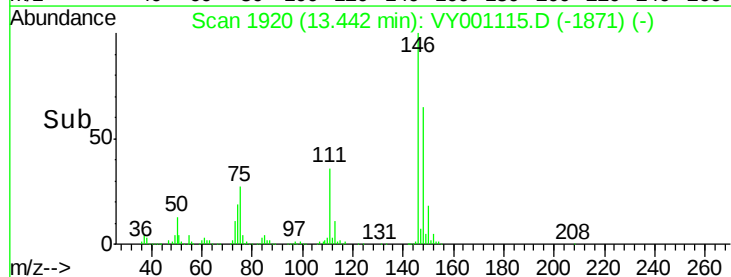
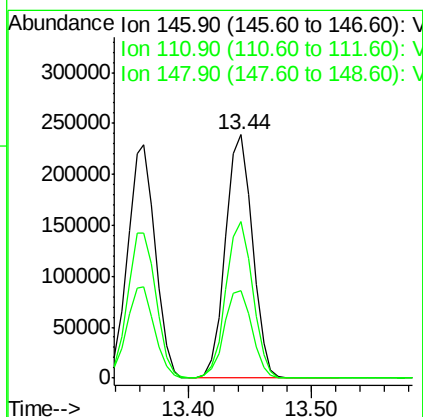
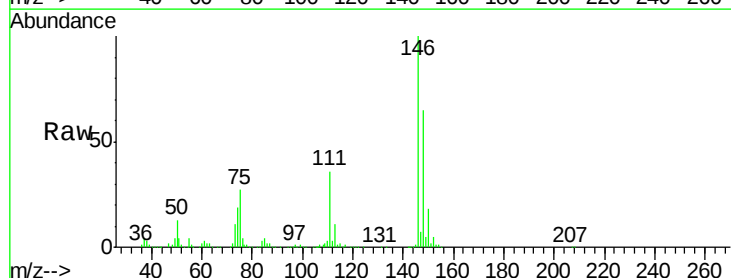
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

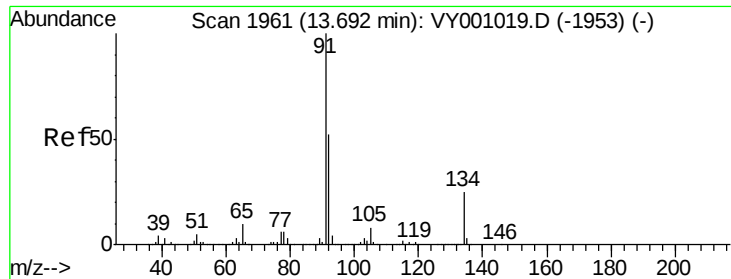
Tgt Ion:146 Resp: 360780
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 54.927 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion:146 Resp: 365001
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.4 58.2
 148 64.0 31.8 95.3

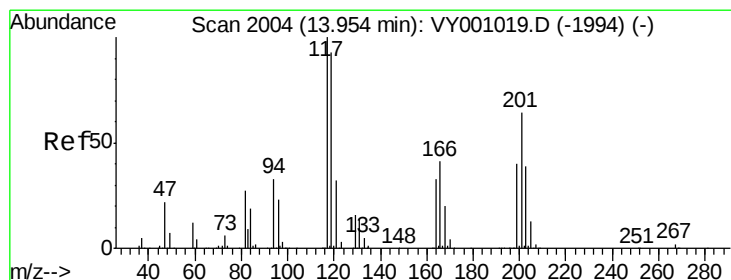
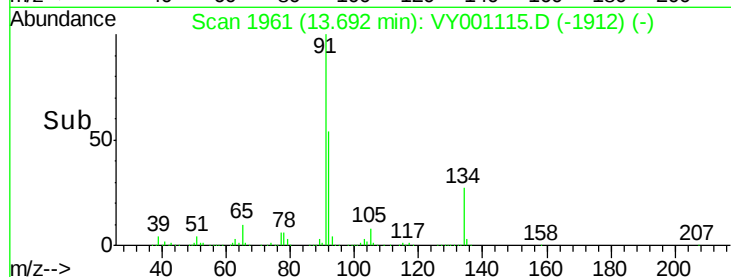
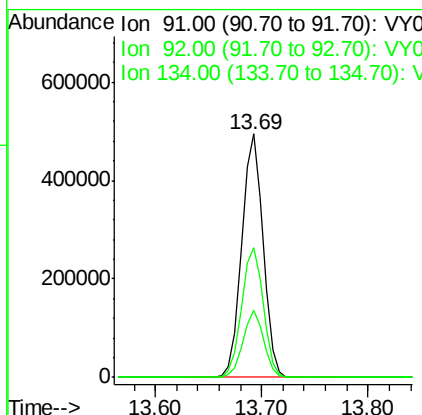
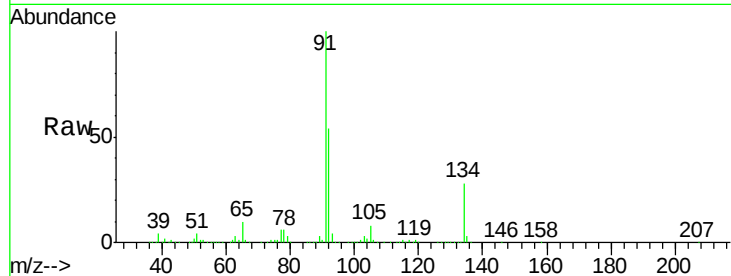




#89
n-Butylbenzene
Concen: 51.679 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

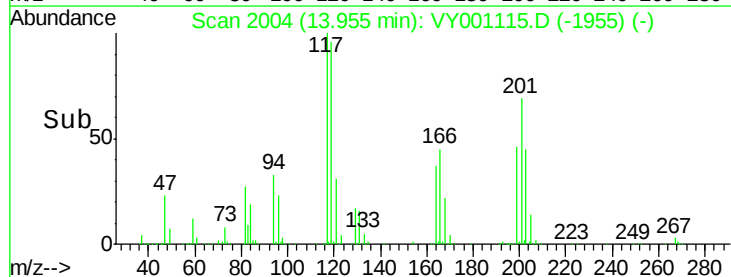
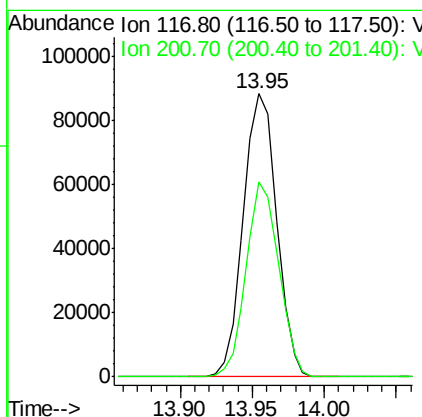
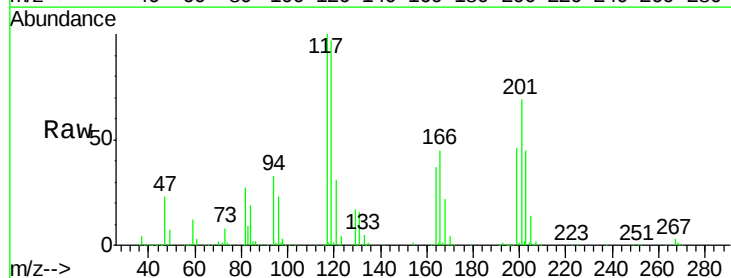
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

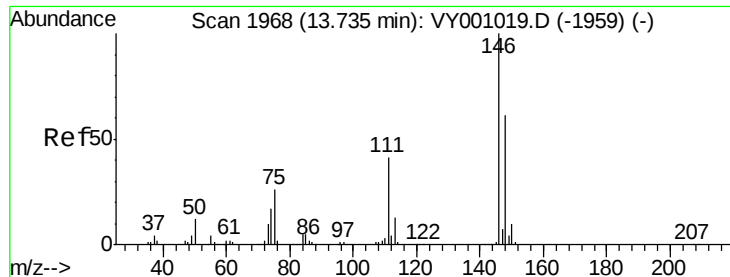
Tgt Ion: 91 Resp: 695988
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 26.7 12.7 38.0



#90
Hexachloroethane
Concen: 56.390 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion: 117 Resp: 142211
Ion Ratio Lower Upper
117 100
201 67.2 33.7 101.1

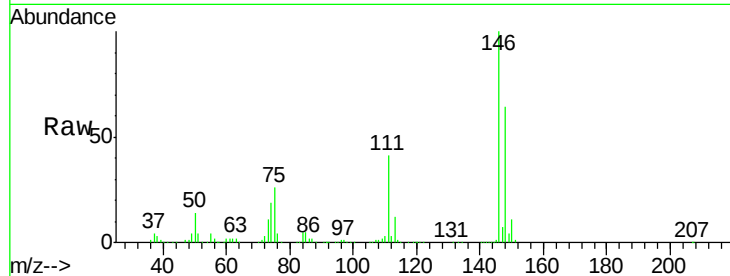




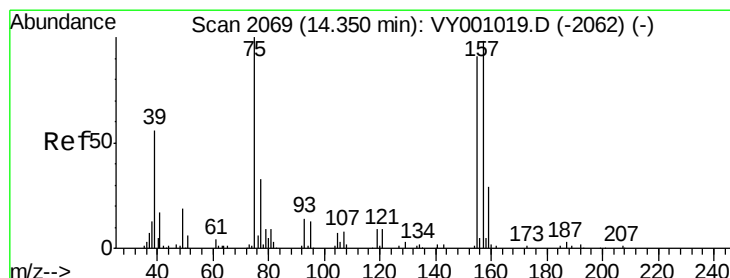
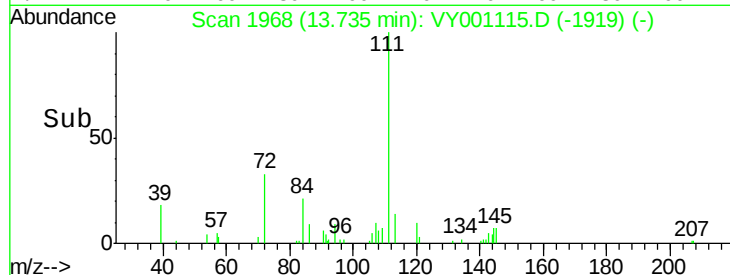
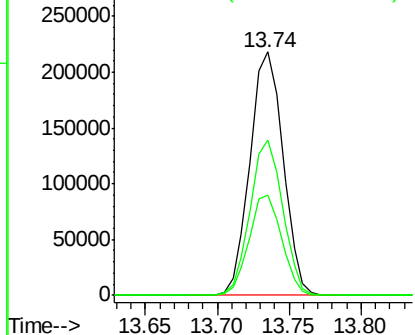
#91
 1,2-Dichlorobenzene
 Concen: 57.095 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 346937
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.9
 148 62.5 31.6 94.7

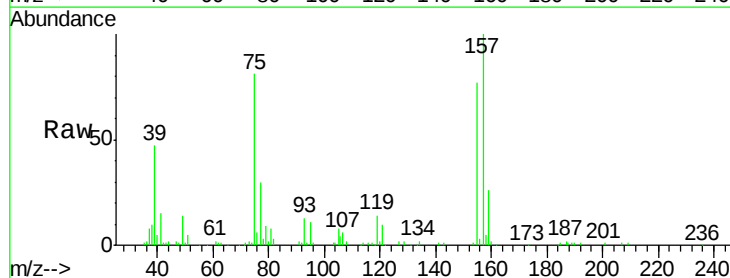


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

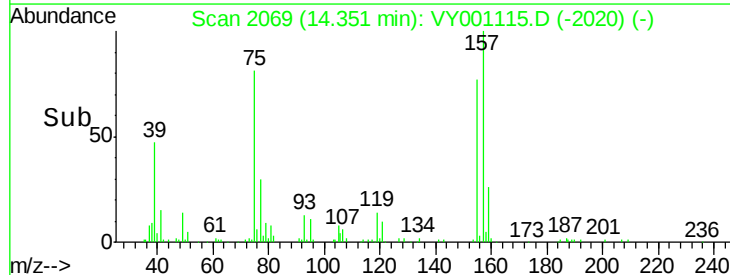
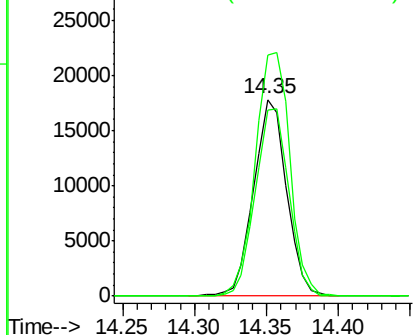


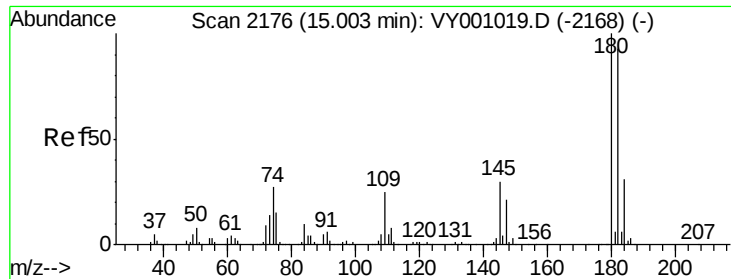
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.783 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion: 75 Resp: 28039
 Ion Ratio Lower Upper
 75 100
 155 97.0 46.3 138.9
 157 130.1 58.1 174.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

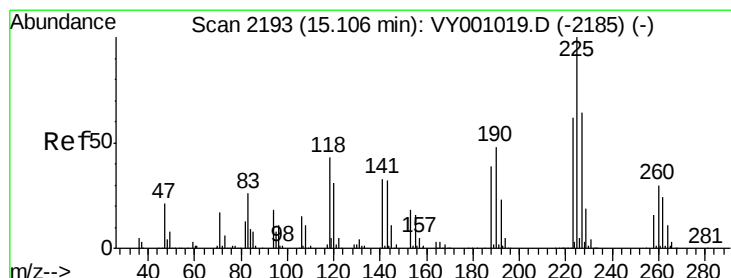
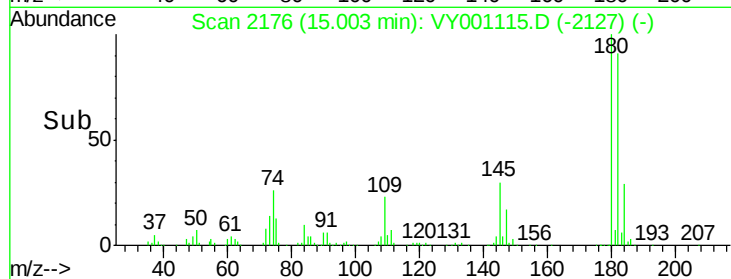
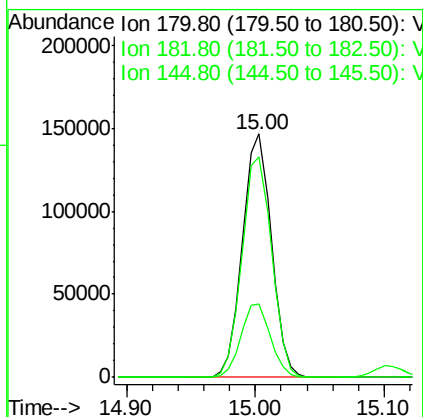
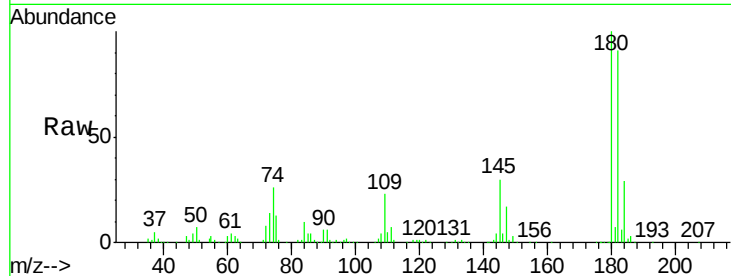




#93
 1,2,4-Trichlorobenzene
 Concen: 55.519 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

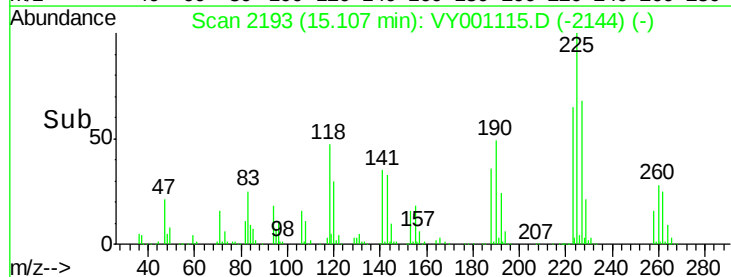
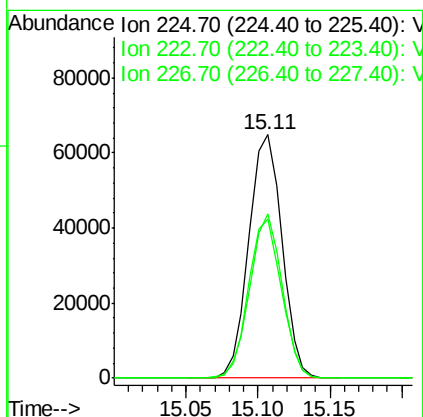
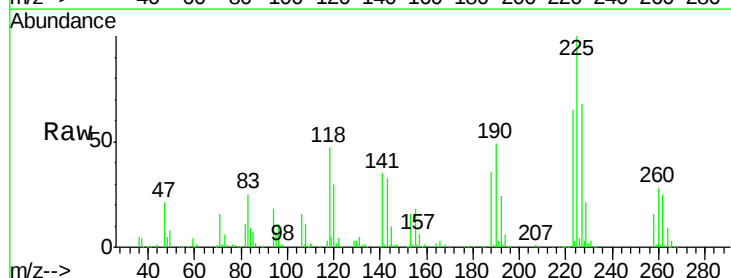
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

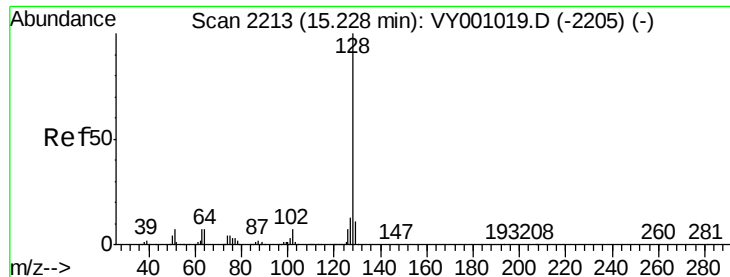
Tgt Ion:180 Resp: 227711
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.8 140.3
 145 30.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 52.892 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001115.D
 Acq: 27 Dec 2019 21:36

Tgt Ion:225 Resp: 103234
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.6 94.8
 227 66.1 31.9 95.5

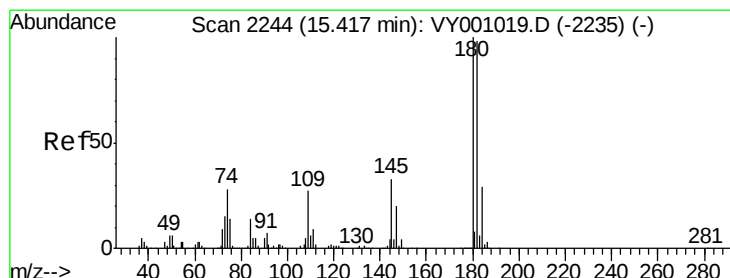
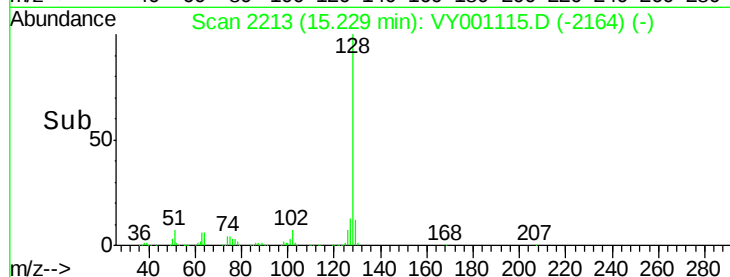
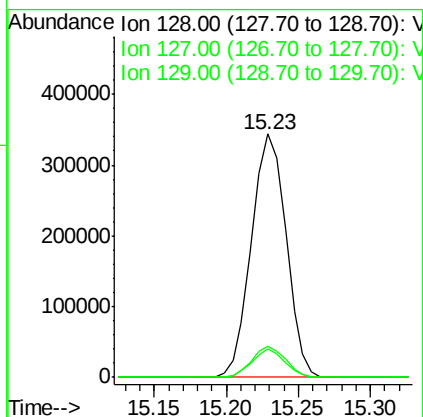
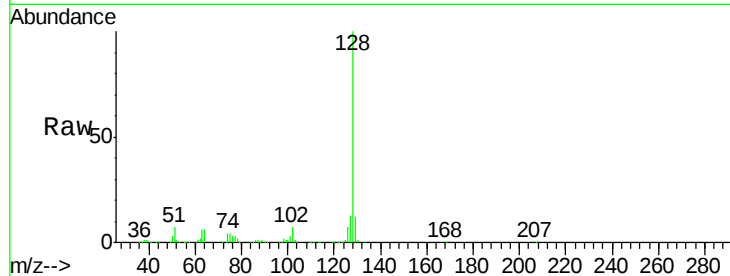




#95
Naphthalene
Concen: 59.479 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 573718
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.563 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001115.D
Acq: 27 Dec 2019 21:36

Tgt Ion:180 Resp: 210548
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 32.4 16.3 48.9

