

Data File : VY000223.D
Acq On : 08 Oct 2019 14:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 14:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 08 14:14:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	512259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	456916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	376246	130.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.92%	
35) Dibromofluoromethane	7.73	113	313072	106.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.86%	
50) Toluene-d8	10.19	98	1256210	115.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	231.56%	
62) 4-Bromofluorobenzene	12.48	95	433268	110.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.42%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	295356	129.387	ug/l	94
3) Chloromethane	2.12	50	397516	143.355	ug/l	99
4) Vinyl Chloride	2.25	62	414981	137.781	ug/l	98
5) Bromomethane	2.61	94	142361	58.772	ug/l	99
6) Chloroethane	2.77	64	261932	135.370	ug/l	92
7) Trichlorofluoromethane	3.12	101	527223	124.191	ug/l	94
8) Diethyl Ether	3.53	74	240025	145.586	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.90	101	315085	126.063	ug/l	92
10) Methyl Iodide	4.09	142	501342	149.376	ug/l	97
11) Tert butyl alcohol	4.99	59	1020235	705.689	ug/l	100
12) 1,1-Dichloroethene	3.86	96	335160	130.820	ug/l	84
13) Acrolein	3.73	56	584257	1029.074	ug/l	99
14) Allyl chloride	4.47	41	710877	186.216	ug/l #	75
15) Acrylonitrile	5.18	53	1985078	836.414	ug/l	100
16) Acetone	3.96	43	1646366	868.738	ug/l	98
17) Carbon Disulfide	4.19	76	1004851	142.950	ug/l	100
18) Methyl Acetate	4.48	43	895950	172.929	ug/l	91
19) Methyl tert-butyl Ether	5.23	73	1267895	153.463	ug/l	96
20) Methylene Chloride	4.72	84	384459	130.884	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	383099	143.810	ug/l	94
22) Diisopropyl ether	6.13	45	1361119	179.208	ug/l	94
23) Vinyl Acetate	6.07	43	6327328	894.169	ug/l	95
24) 1,1-Dichloroethane	6.03	63	677823	156.833	ug/l	93
25) 2-Butanone	7.00	43	3047666	892.837	ug/l	96
26) 2,2-Dichloropropane	6.99	77	566448	132.833	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	437555	137.830	ug/l	89
28) Bromochloromethane	7.35	49	217562	176.407	ug/l	83
29) Tetrahydrofuran	7.36	42	2102163	888.523	ug/l	93
30) Chloroform	7.52	83	687084	140.949	ug/l	99
31) Cyclohexane	7.79	56	644230	126.703	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	582818	136.205	ug/l	98
36) 1,1-Dichloropropene	7.93	75	517752	126.017	ug/l	96
37) Ethyl Acetate	7.09	43	958994	148.884	ug/l	98
38) Carbon Tetrachloride	7.91	117	507418	114.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	658178	120.375	ug/l	91
40) Benzene	8.17	78	1614738	131.214	ug/l	100
41) Methacrylonitrile	7.36	41	1541049	191.661	ug/l #	15
42) 1,2-Dichloroethane	8.25	62	516639	129.240	ug/l	96
43) Isopropyl Acetate	8.28	43	1247394	149.478	ug/l	97
44) Trichloroethene	8.95	130	406332	102.839	ug/l	93
45) 1,2-Dichloropropane	9.22	63	407821	135.980	ug/l	100
46) Dibromomethane	9.32	93	276647	124.089	ug/l	88
47) Bromodichloromethane	9.50	83	546564	129.207	ug/l	98
48) Methyl methacrylate	9.30	41	553129	154.272	ug/l	93
49) 1,4-Dioxane	9.30	88	292993	2607.749	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	4460608	722.735	ug/l	100
52) Toluene	10.25	92	1034888	128.460	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	649563	136.728	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	692098	136.017	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	402879	121.898	ug/l	95
56) Ethyl methacrylate	10.52	69	731593	145.501	ug/l	95
57) 1,3-Dichloropropane	10.80	76	683364	130.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	2090117	730.763	ug/l	89
59) 2-Hexanone	10.84	43	3823233	728.609	ug/l	99
60) Dibromochloromethane	10.99	129	428805	116.254	ug/l	99
61) 1,2-Dibromoethane	11.09	107	433780	121.091	ug/l	99
64) Tetrachloroethene	10.72	164	375428	92.518	ug/l	93
65) Chlorobenzene	11.52	112	1031829	115.951	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	374047	112.114	ug/l	97
67) Ethyl Benzene	11.60	91	1929320	125.592	ug/l	96
68) m/p-Xylenes	11.70	106	1458194	240.740	ug/l	94
69) o-Xylene	12.03	106	699787	117.364	ug/l	94
70) Styrene	12.05	104	1227315	124.330	ug/l	97
71) Bromoform	12.21	173	320951	109.145	ug/l #	100
73) Isopropylbenzene	12.33	105	1849775	131.188	ug/l	97
74) N-amyl acetate	12.14	43	937685	171.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	631915	140.911	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	959260	157.409	ug/l #	100
77) Bromobenzene	12.61	156	409521	110.752	ug/l	75
78) n-propylbenzene	12.67	91	2175064	135.466	ug/l	95
79) 2-Chlorotoluene	12.75	91	1220566	134.456	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	1536512	129.578	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	289573	157.929	ug/l	94
82) 4-Chlorotoluene	12.85	91	1275390	137.408	ug/l	93
83) tert-Butylbenzene	13.08	119	1294579	120.778	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	1533155	130.390	ug/l	97
85) sec-Butylbenzene	13.25	105	1836051	126.443	ug/l	95
86) p-Isopropyltoluene	13.37	119	1626062	123.282	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	766435	112.535	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	778299	113.380	ug/l	97
89) n-Butylbenzene	13.69	91	1594101	137.682	ug/l	97
90) Hexachloroethane	13.96	117	310140	124.913	ug/l	86
91) 1,2-Dichlorobenzene	13.74	146	748991	113.158	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	206498	141.235	ug/l	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100819\
Quantitation Report (Not Reviewed)

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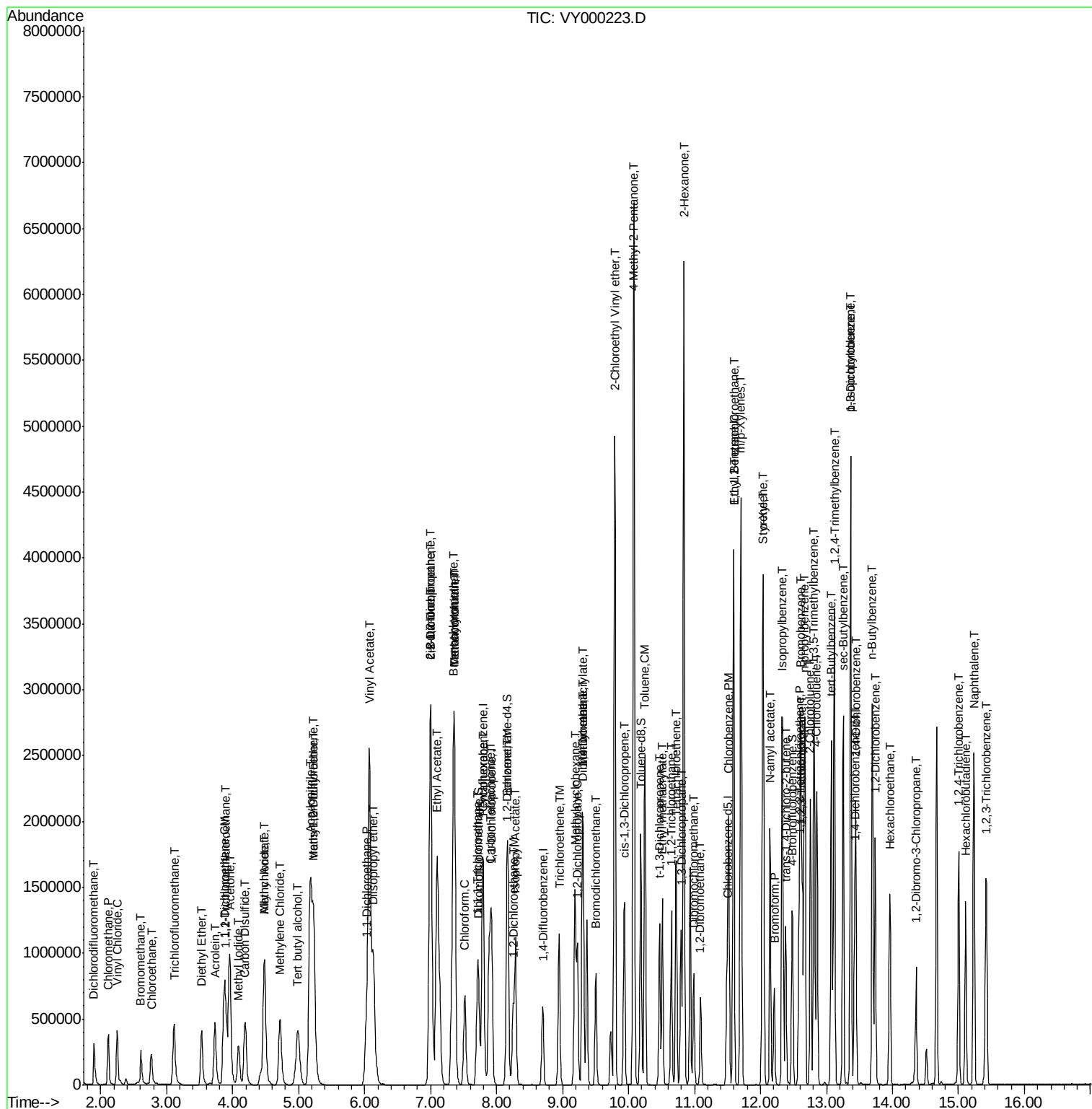
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	509163	106.992	ug/l	98
94) Hexachlorobutadiene	15.11	225	234133	92.063	ug/l	98
95) Naphthalene	15.23	128	2048771	127.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	509643	107.314	ug/l	97

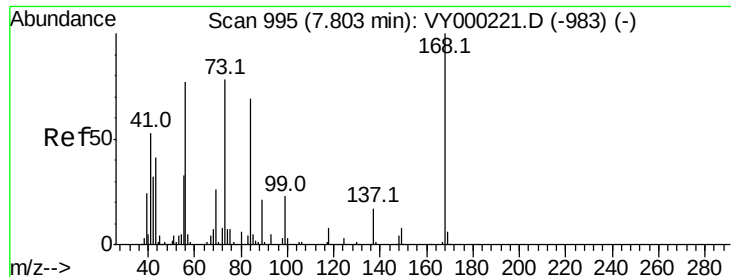
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

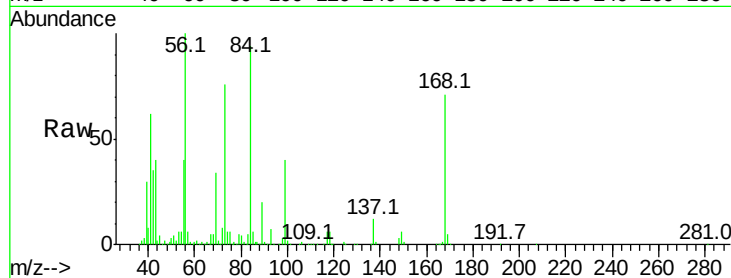
VSTDIC100

Tgt Ion:168 Resp: 299770

Ion Ratio Lower Upper

168 100

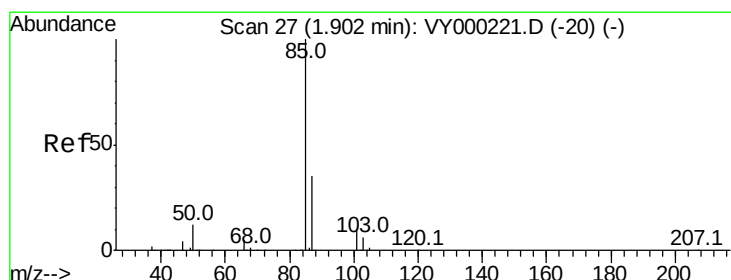
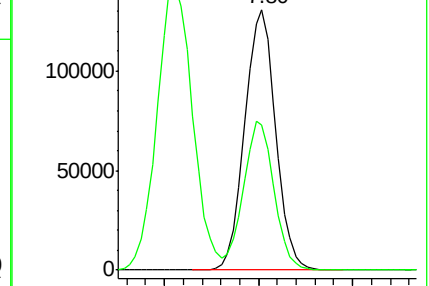
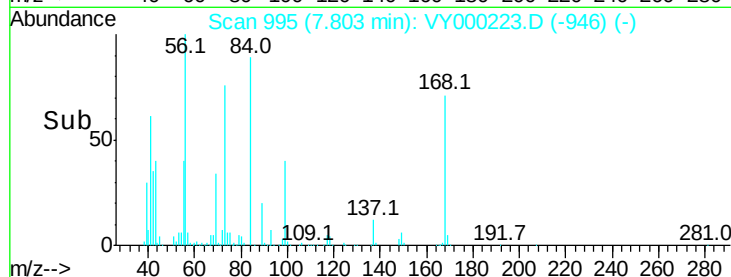
99 55.5 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VY000223.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000223.D (-983) (-)

7.80



#2

Dichlorodifluoromethane

Concen: 129.387 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000223.D

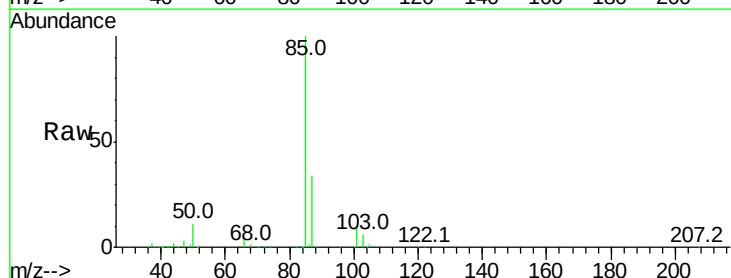
Acq: 08 Oct 2019 14:29

Tgt Ion: 85 Resp: 295356

Ion Ratio Lower Upper

85 100

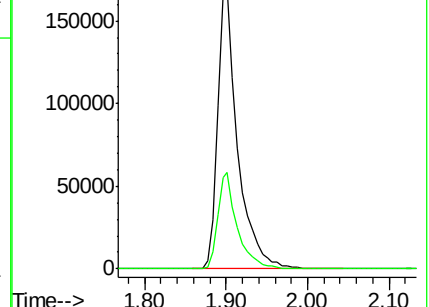
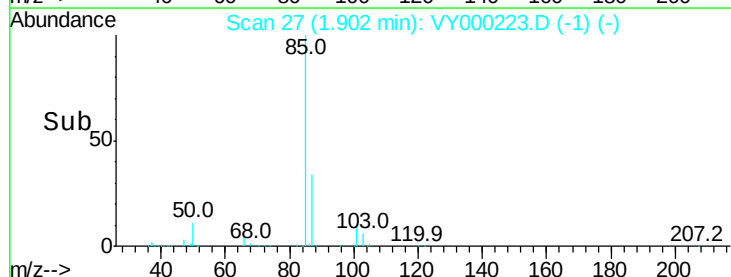
87 33.9 15.3 45.8

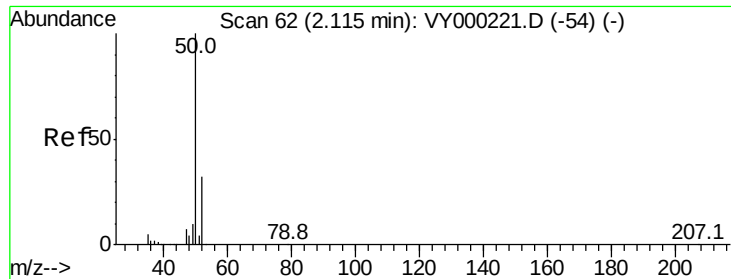


Abundance Ion 84.90 (84.60 to 85.60): VY000223.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000223.D (-1) (-)

1.90





#3

Chloromethane

Concen: 143.355 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

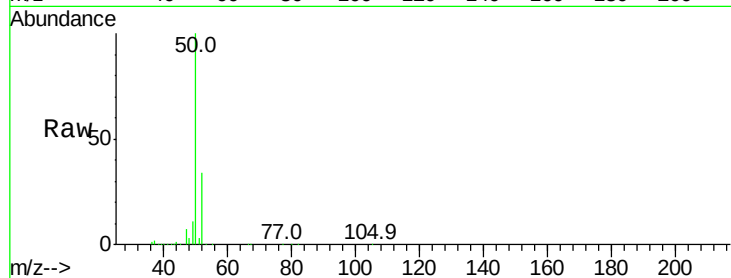
VSTDIC100

Tgt Ion: 50 Resp: 397516

Ion Ratio Lower Upper

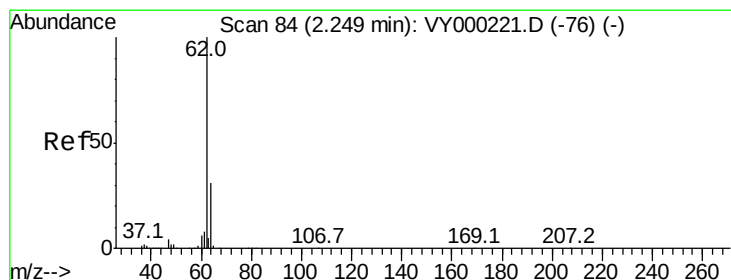
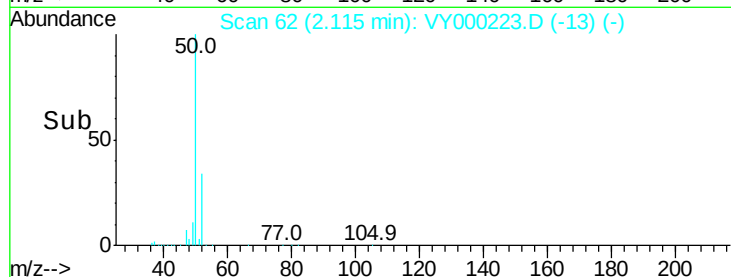
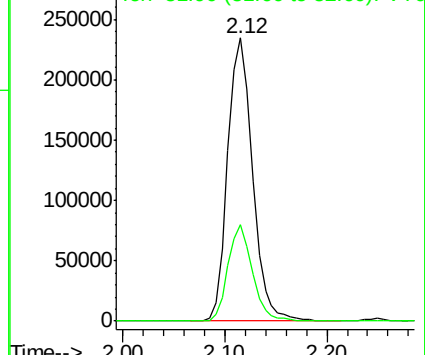
50 100

52 34.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 137.781 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000223.D

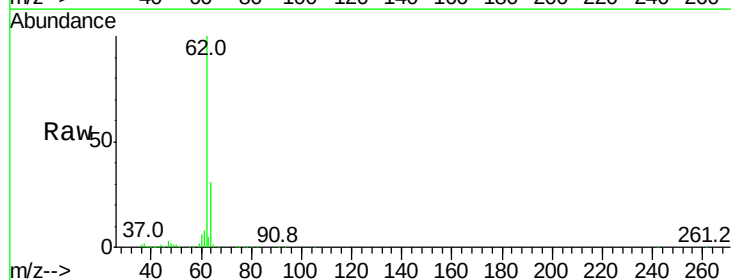
Acq: 08 Oct 2019 14:29

Tgt Ion: 62 Resp: 414981

Ion Ratio Lower Upper

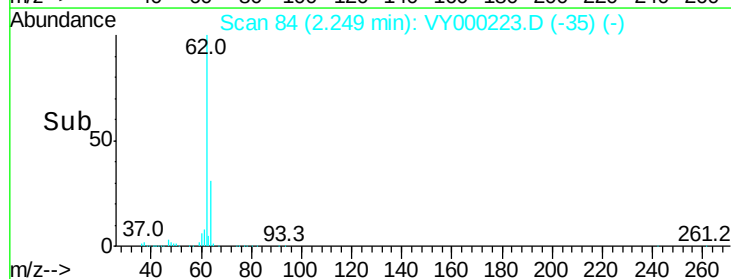
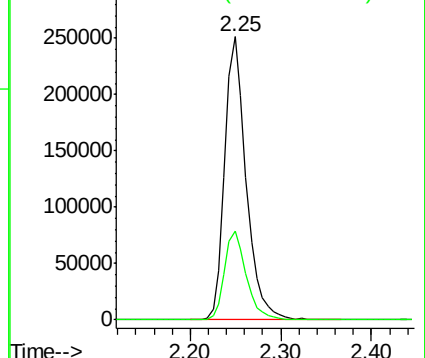
62 100

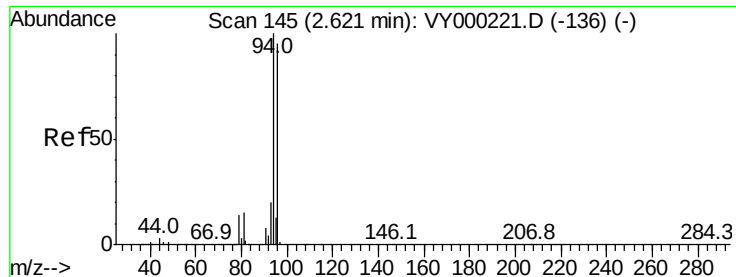
64 31.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 58.772 ug/l

RT: 2.61 min Scan# 143

Delta R.T. -0.04 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

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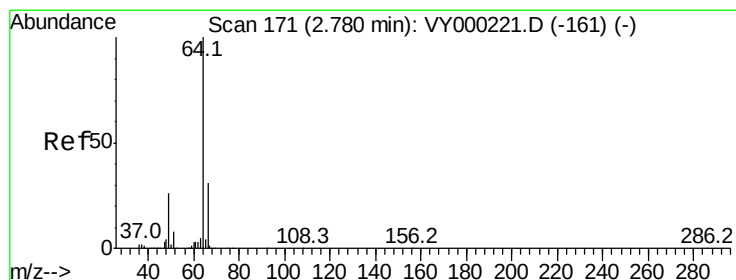
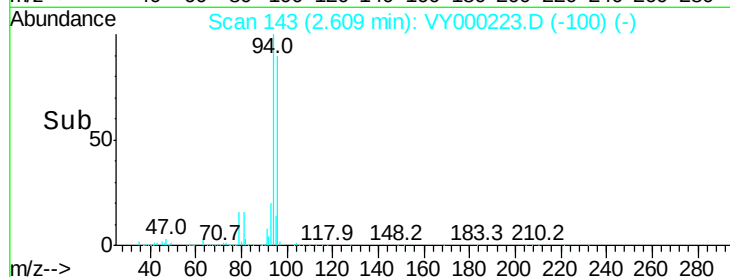
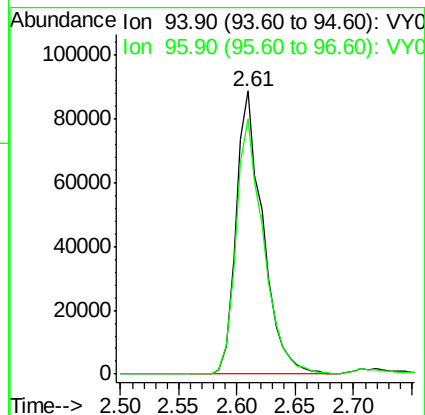
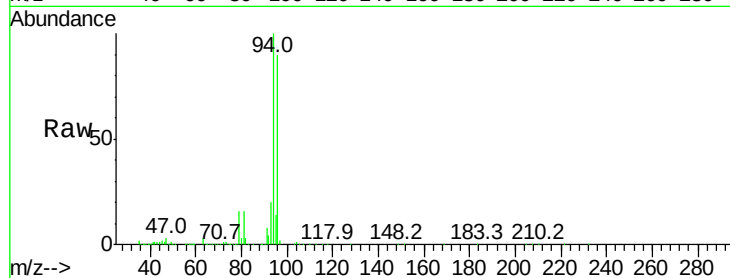
VSTDIC100

Tgt Ion: 94 Resp: 142361

Ion Ratio Lower Upper

94 100

96 90.0 71.2 106.8



#6

Chloroethane

Concen: 135.370 ug/l

RT: 2.77 min Scan# 169

Delta R.T. -0.02 min

Lab File: VY000223.D

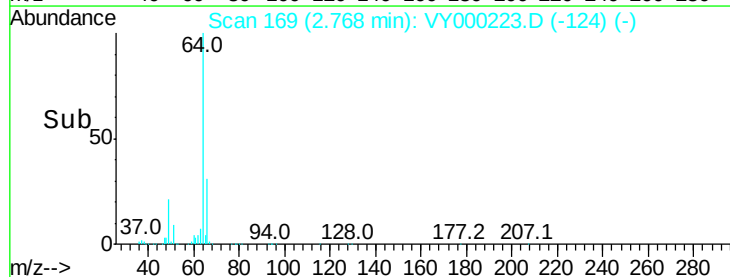
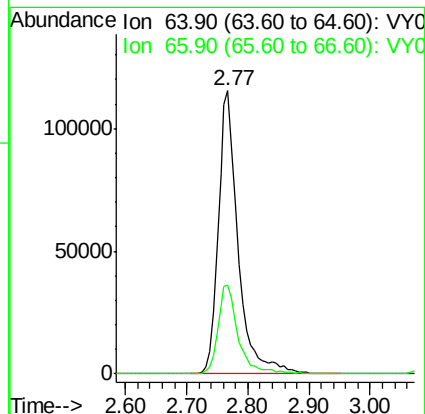
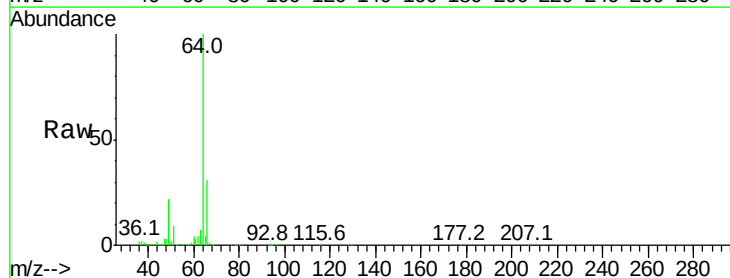
Acq: 08 Oct 2019 14:29

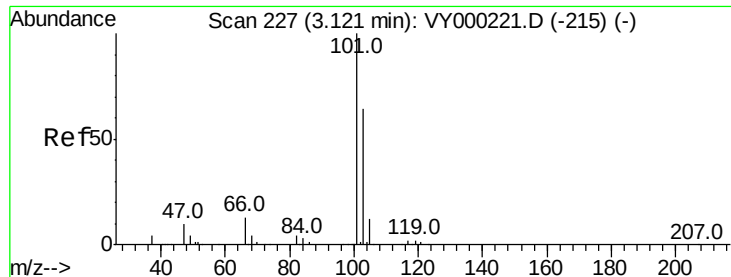
Tgt Ion: 64 Resp: 261932

Ion Ratio Lower Upper

64 100

66 31.2 28.6 42.8



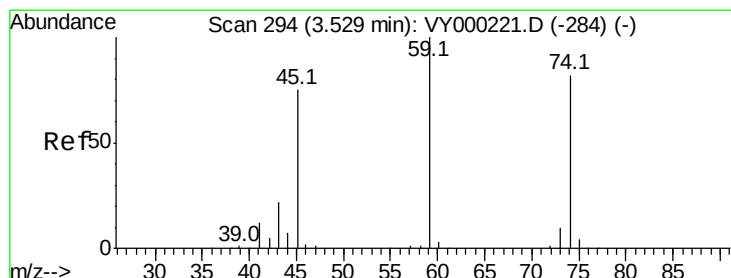
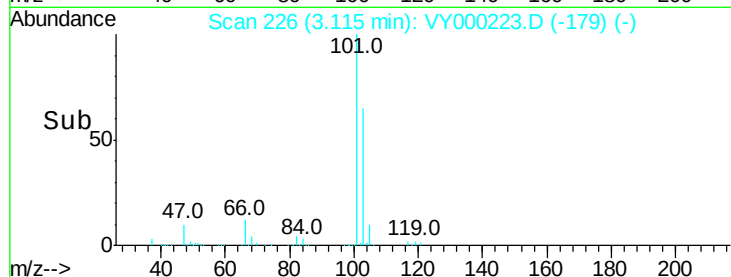
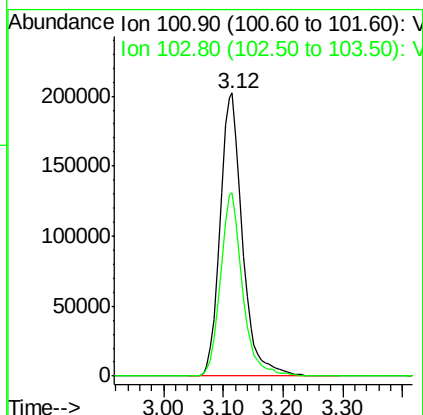
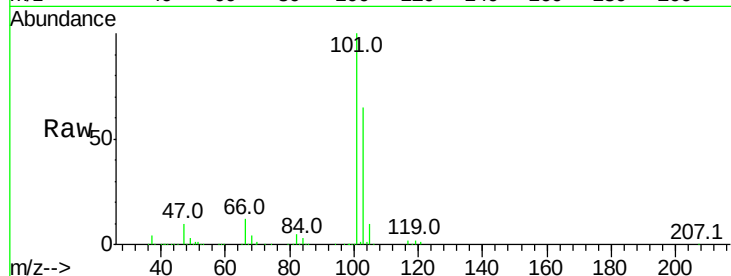


#7

Trichlorofluoromethane
Concen: 124.191 ug/l
RT: 3.12 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000223.D
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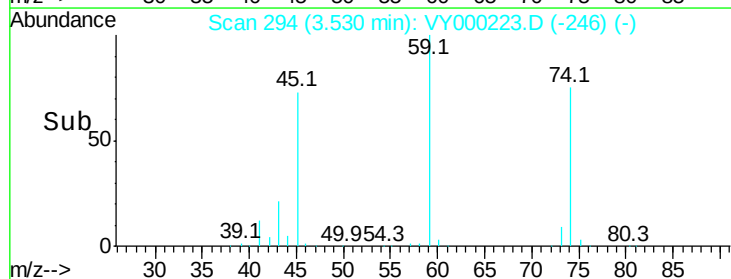
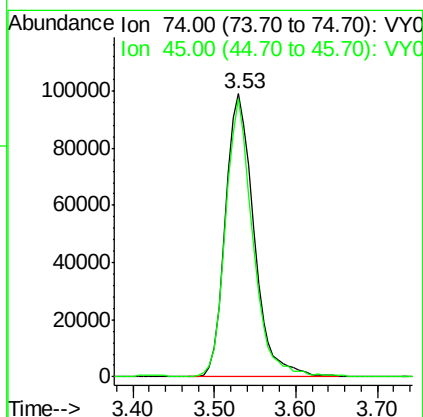
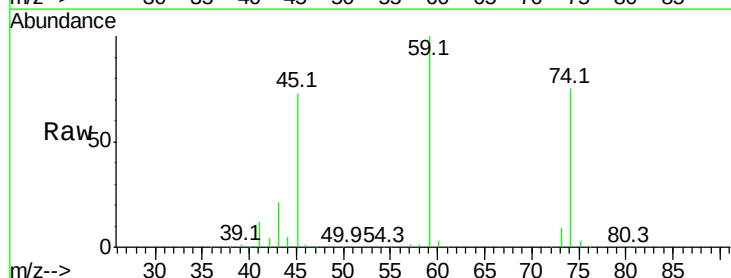
Tgt Ion:101 Resp: 527223
Ion Ratio Lower Upper
101 100
103 64.7 48.3 72.5

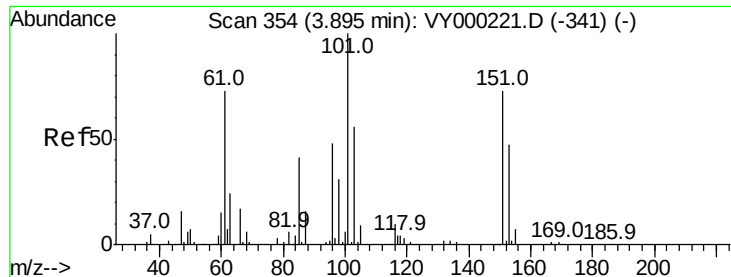


#8

Diethyl Ether
Concen: 145.586 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 74 Resp: 240025
Ion Ratio Lower Upper
74 100
45 93.3 40.6 121.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 126.063 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000223.D

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VSTDIC100

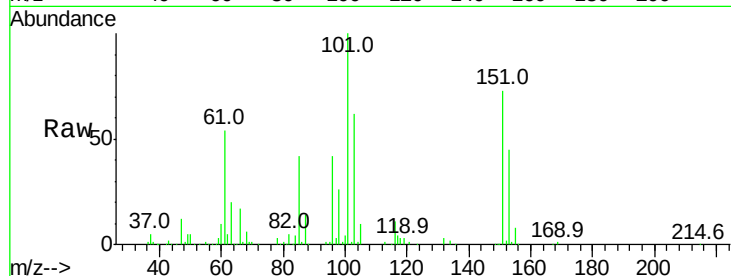
Tgt Ion:101 Resp: 315085

Ion Ratio Lower Upper

101 100

85 44.3 34.6 52.0

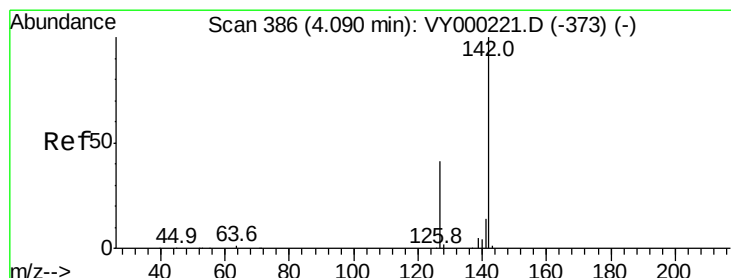
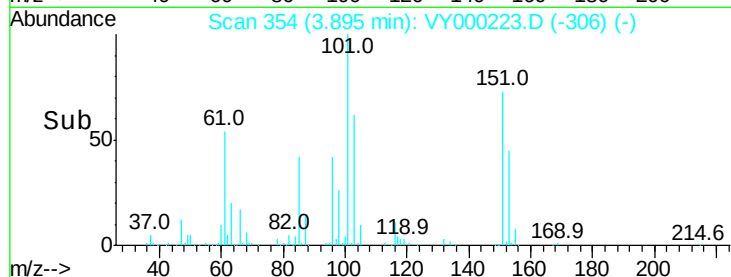
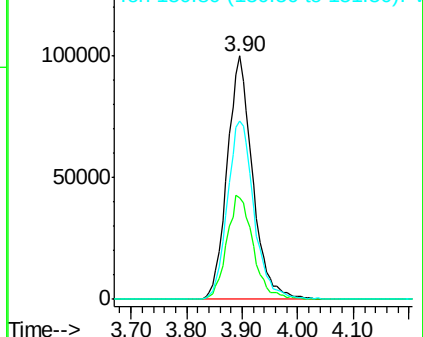
151 76.7 69.2 103.8



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: 149.376 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

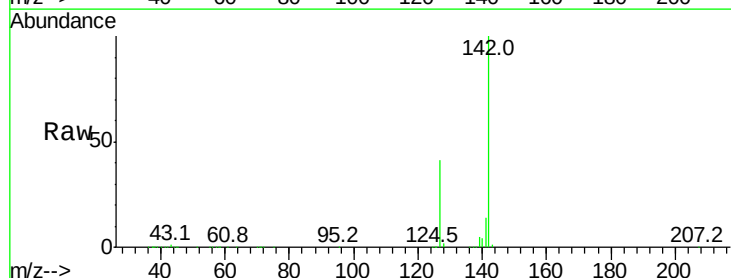
Tgt Ion:142 Resp: 501342

Ion Ratio Lower Upper

142 100

127 41.3 30.8 46.2

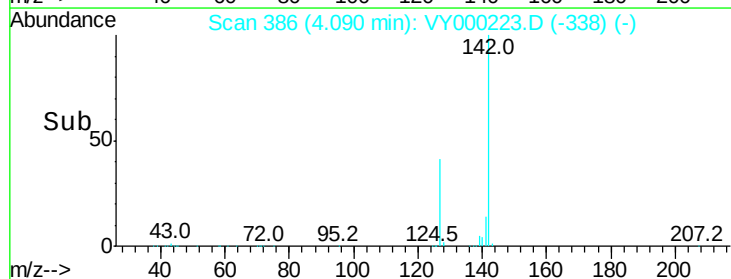
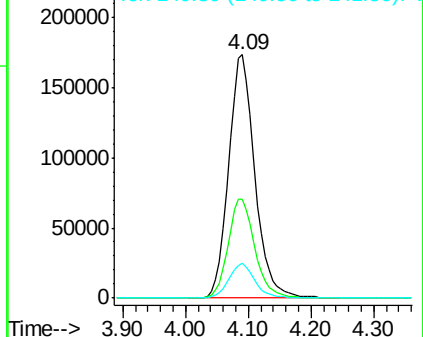
141 14.0 11.2 16.8

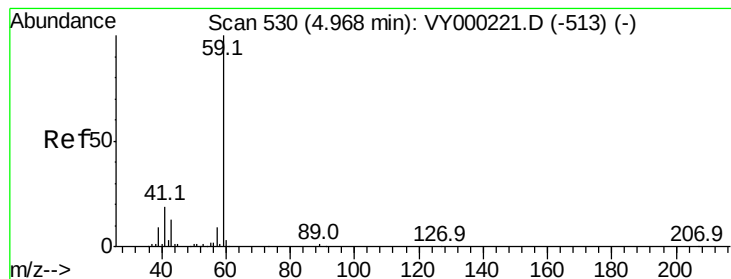


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



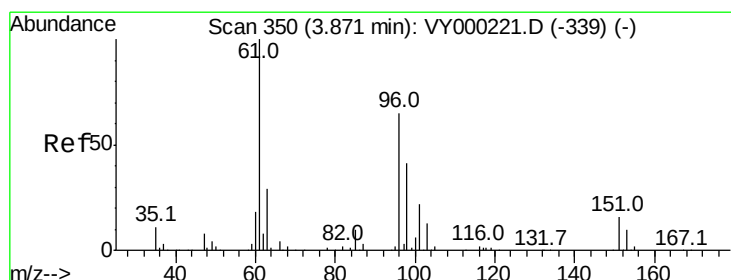
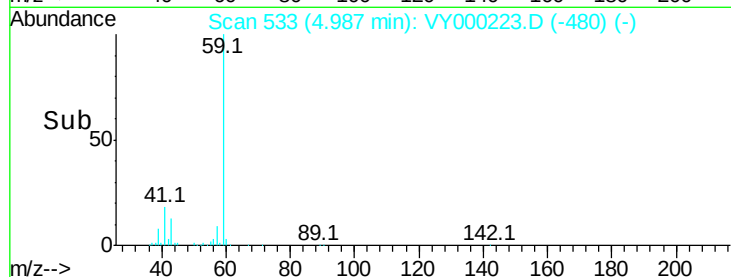
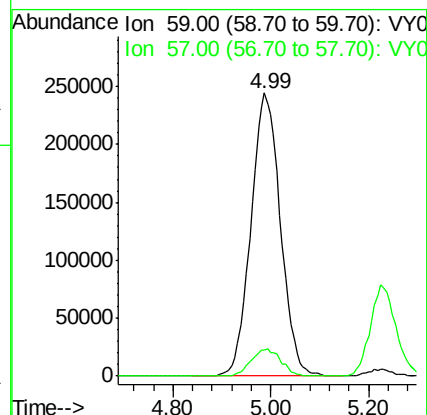
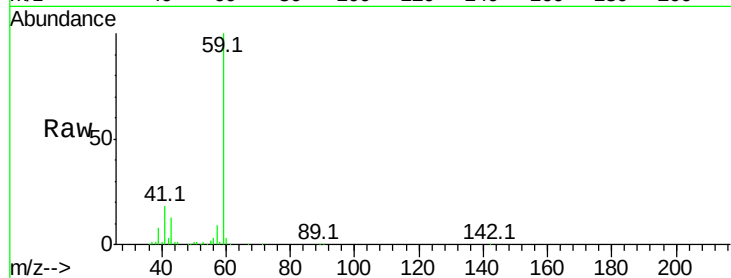


#11

Tert butyl alcohol
 Concen: 705.689 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

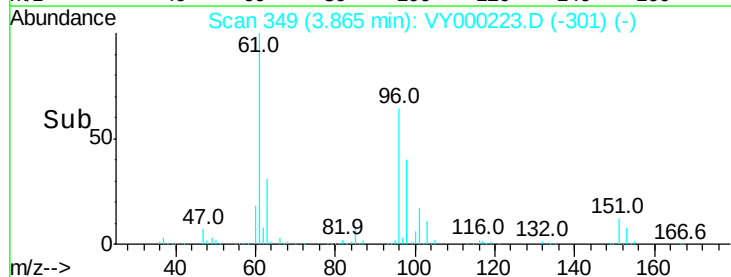
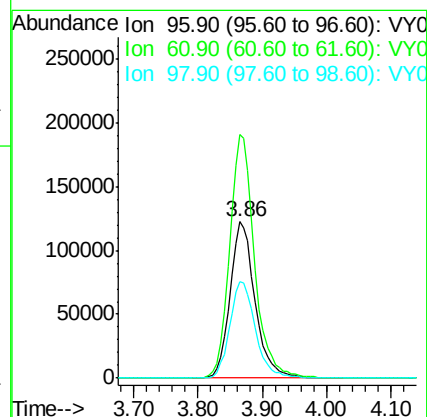
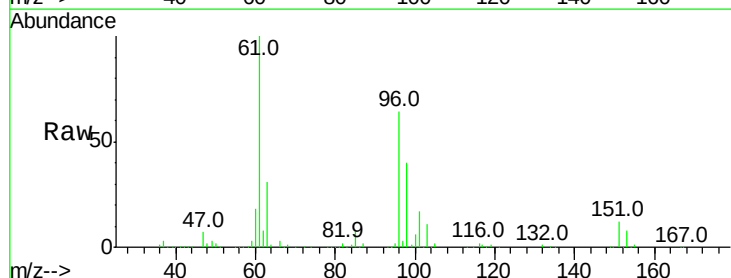
Tgt Ion: 59 Resp: 1020235
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.6

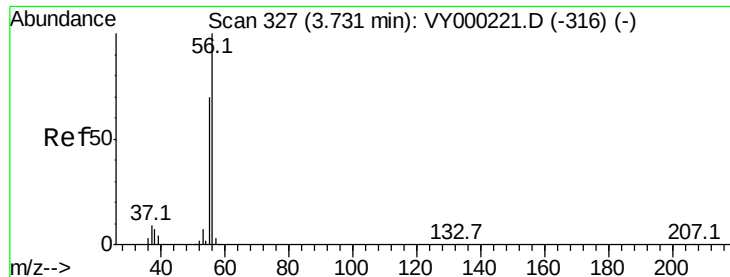


#12

1,1-Dichloroethene
 Concen: 130.820 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 96 Resp: 335160
 Ion Ratio Lower Upper
 96 100
 61 155.6 105.1 157.7
 98 61.9 46.9 70.3





#13

Acrolein

Concen: 1029.074 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

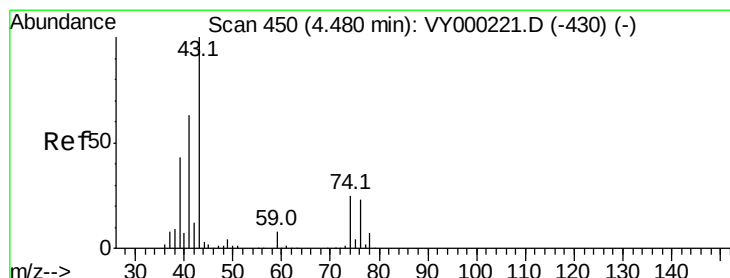
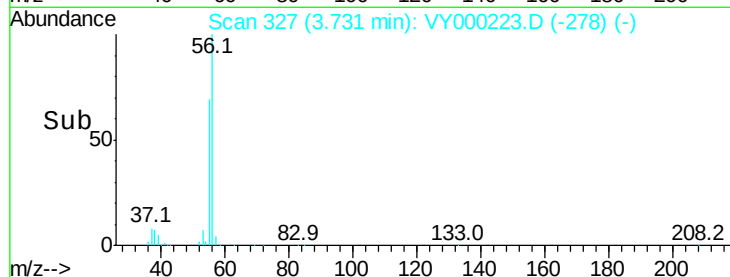
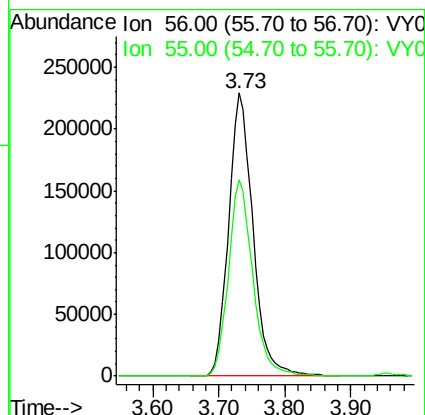
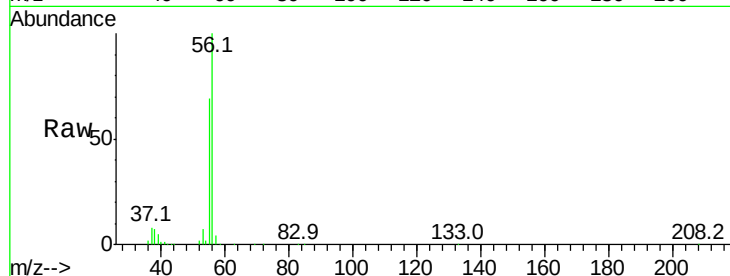
VSTDIC100

Tgt Ion: 56 Resp: 584257

Ion Ratio Lower Upper

56 100

55 69.3 56.3 84.5



#14

Allyl chloride

Concen: 186.216 ug/l

RT: 4.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

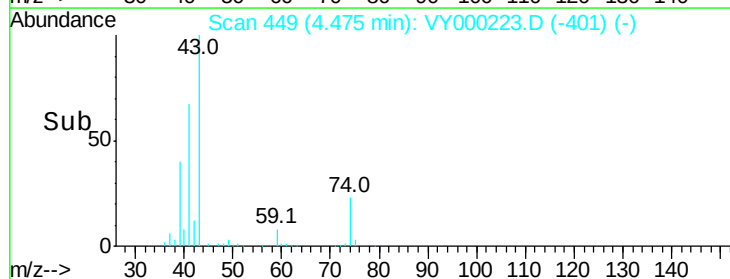
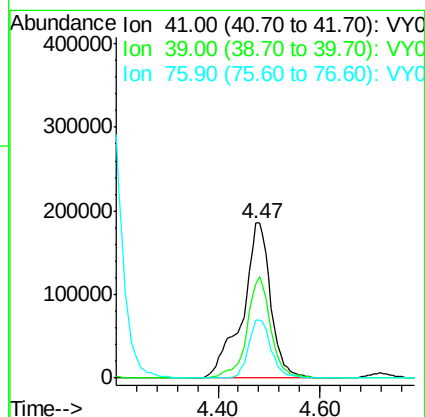
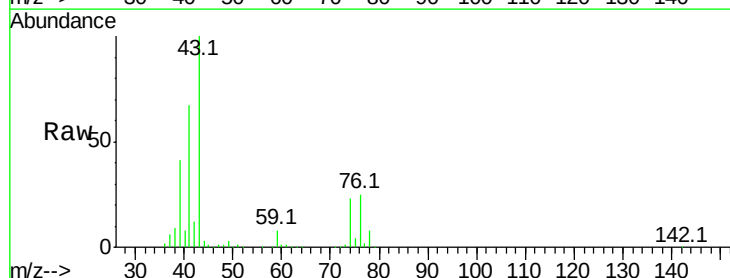
Tgt Ion: 41 Resp: 710877

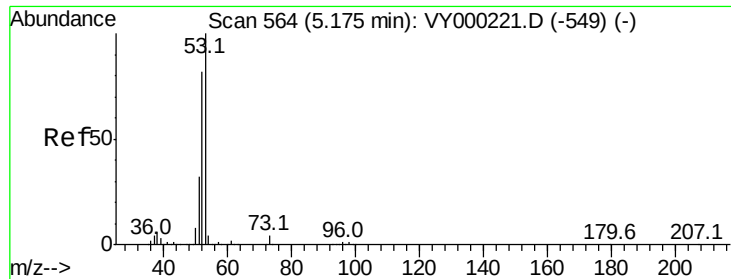
Ion Ratio Lower Upper

41 100

39 55.3 62.2 93.2#

76 30.4 36.5 54.7#





#15

Acrylonitrile

Concen: 836.414 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

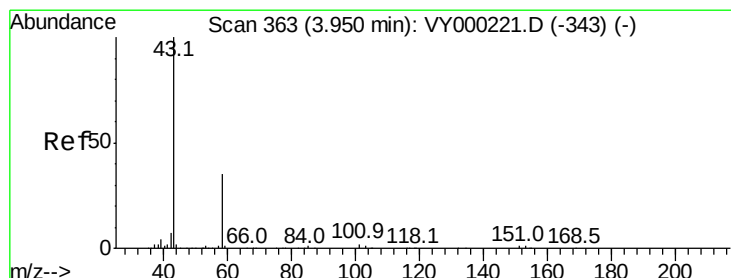
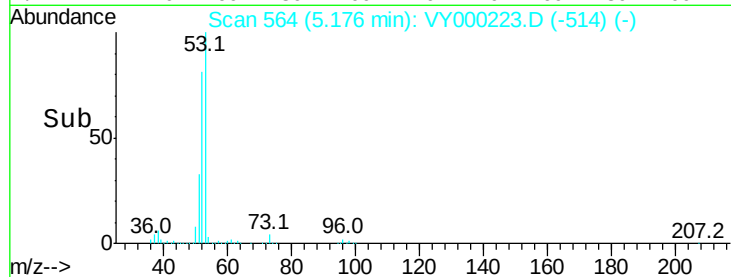
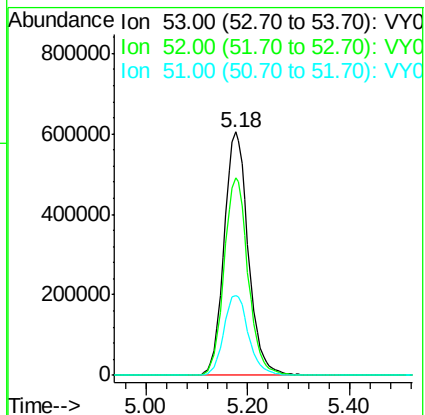
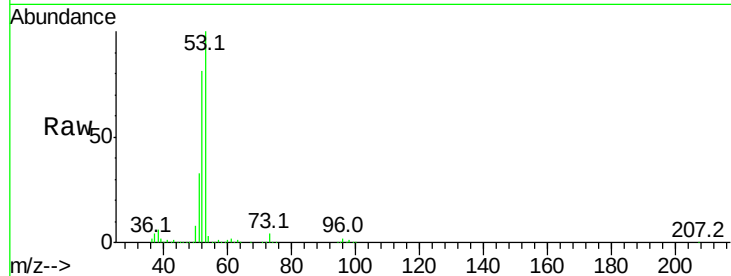
Tgt Ion: 53 Resp: 1985078

Ion Ratio Lower Upper

53 100

52 80.7 64.6 97.0

51 33.8 27.3 40.9



#16

Acetone

Concen: 868.738 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000223.D

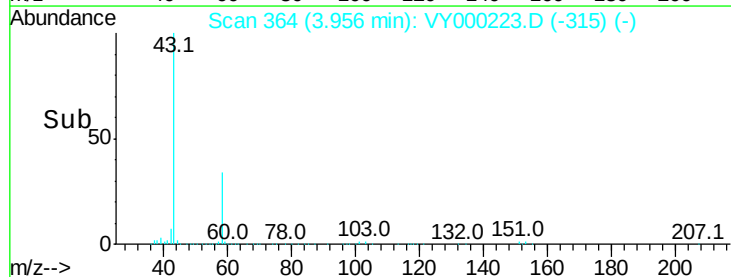
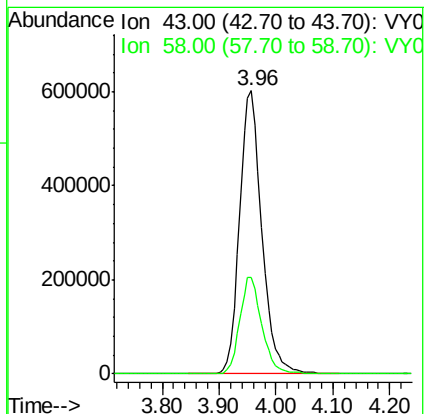
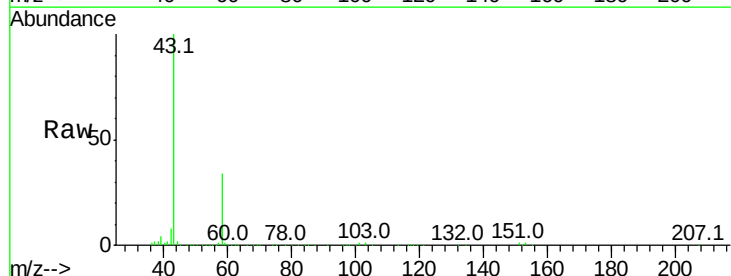
Acq: 08 Oct 2019 14:29

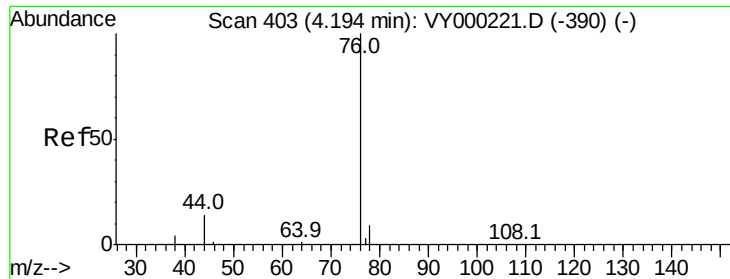
Tgt Ion: 43 Resp: 1646366

Ion Ratio Lower Upper

43 100

58 34.3 28.2 42.2





#17

Carbon Disulfide

Concen: 142.950 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

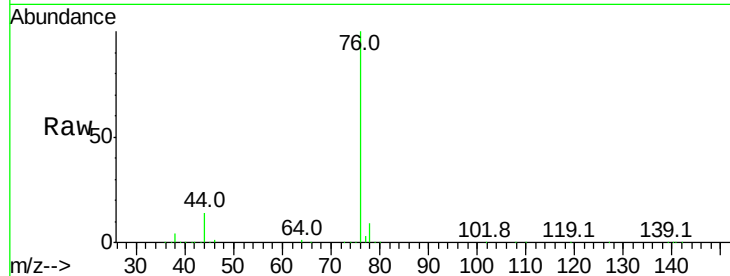
VSTDIC100

Tgt Ion: 76 Resp: 1004851

Ion Ratio Lower Upper

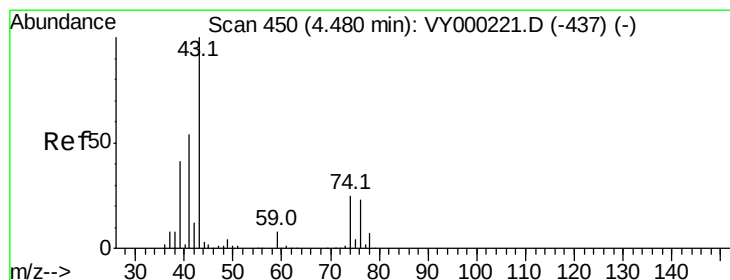
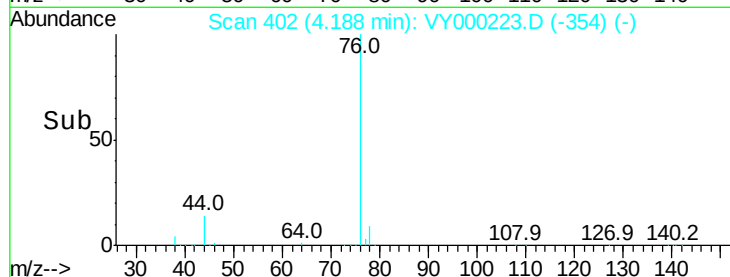
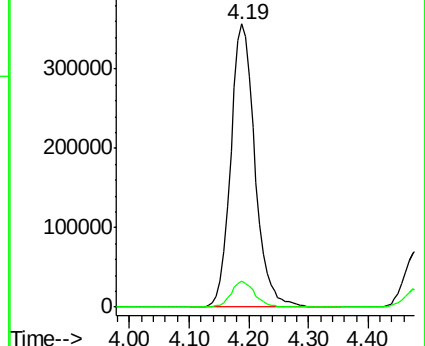
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 172.929 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000223.D

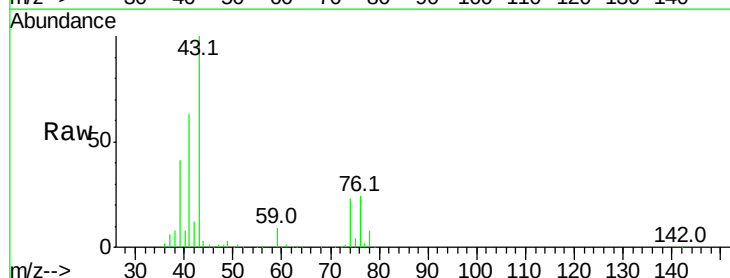
Acq: 08 Oct 2019 14:29

Tgt Ion: 43 Resp: 895950

Ion Ratio Lower Upper

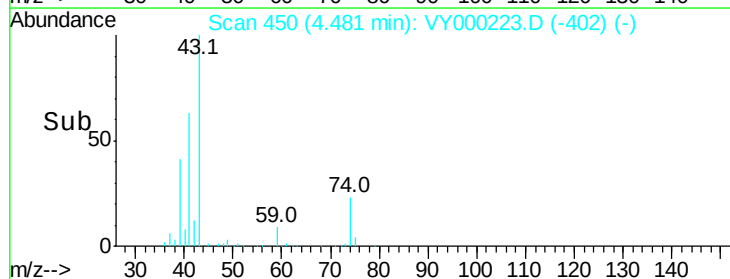
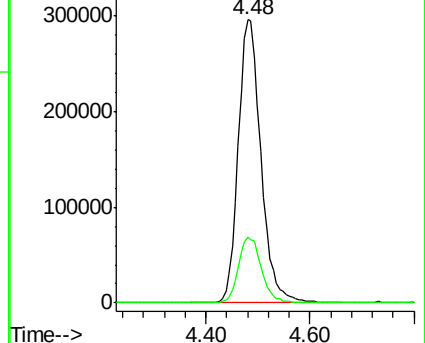
43 100

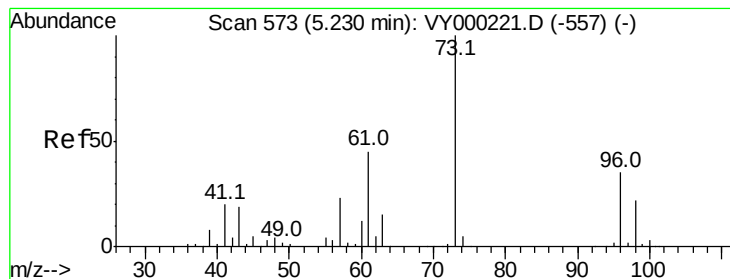
74 23.6 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 153.463 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

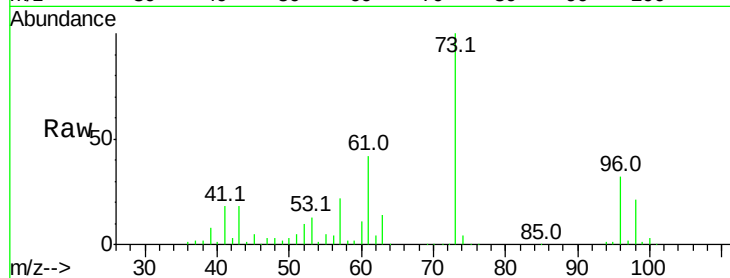
VSTDIC100

Tgt Ion: 73 Resp: 1267895

Ion Ratio Lower Upper

73 100

57 22.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

5.23

400000

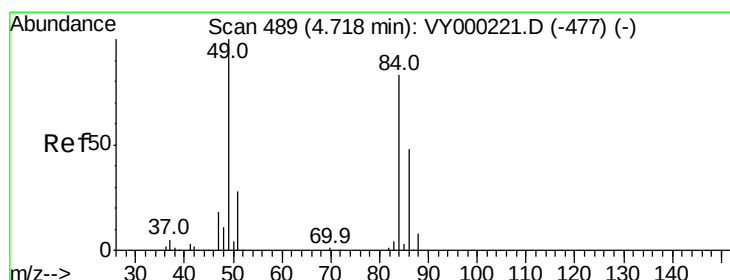
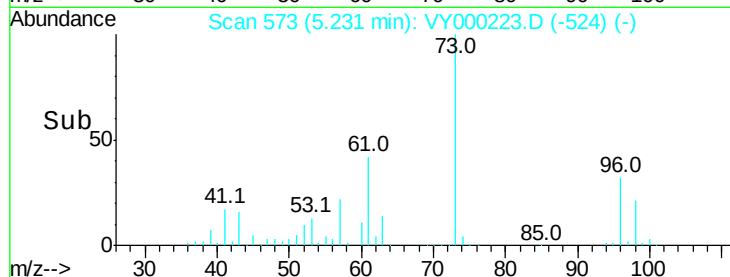
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 130.884 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 84 Resp: 384459

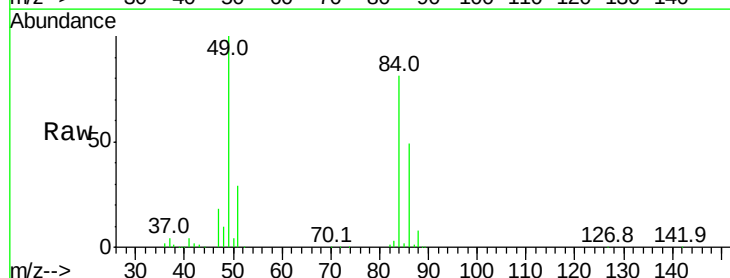
Ion Ratio Lower Upper

84 100

49 123.2 86.2 129.2

51 35.9 25.3 37.9

86 60.7 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

200000

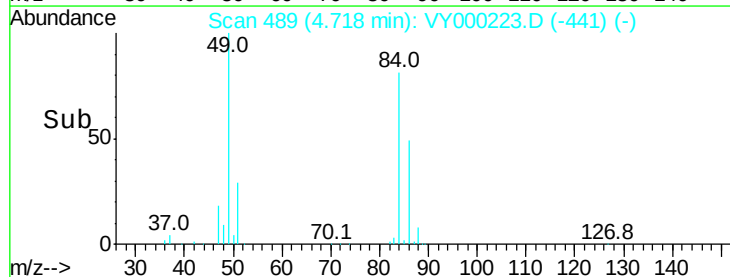
150000

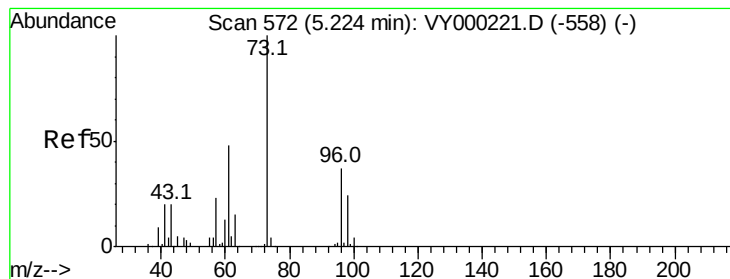
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 143.810 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

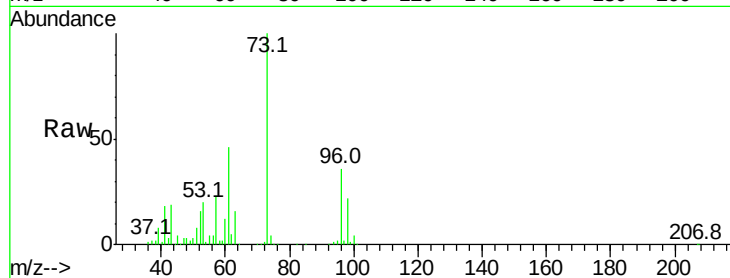
Tgt Ion: 96 Resp: 383099

Ion Ratio Lower Upper

96 100

61 130.2 96.1 144.1

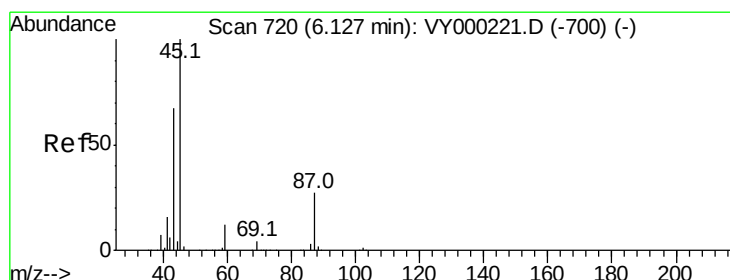
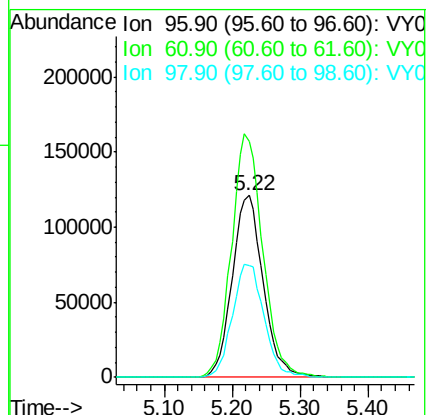
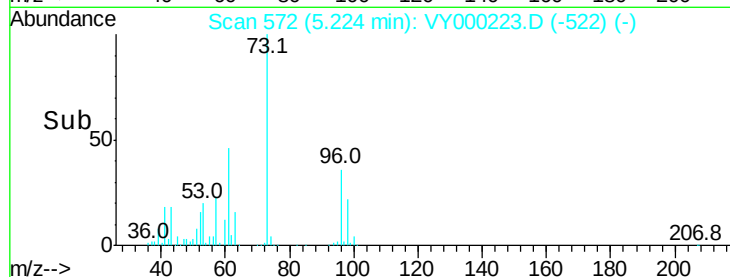
98 61.7 50.3 75.5



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: 179.208 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 45 Resp: 1361119

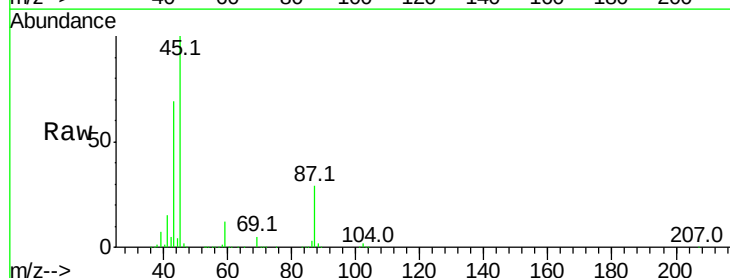
Ion Ratio Lower Upper

45 100

43 68.7 51.5 77.3

87 28.8 27.0 40.4

59 12.4 9.4 14.2

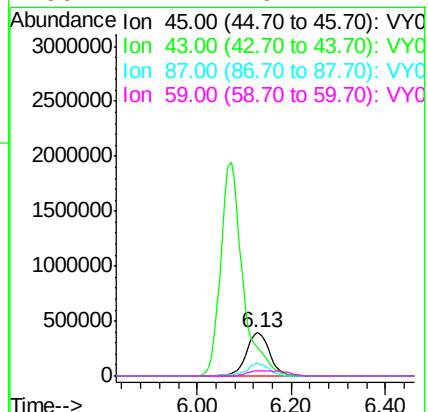
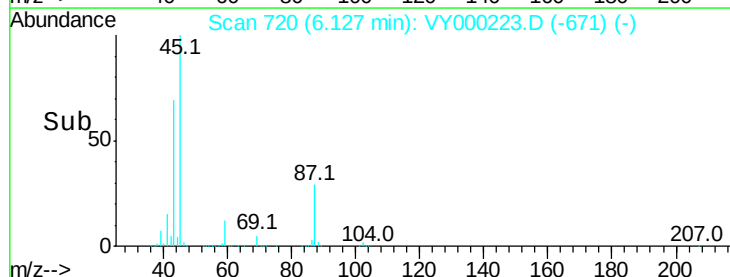


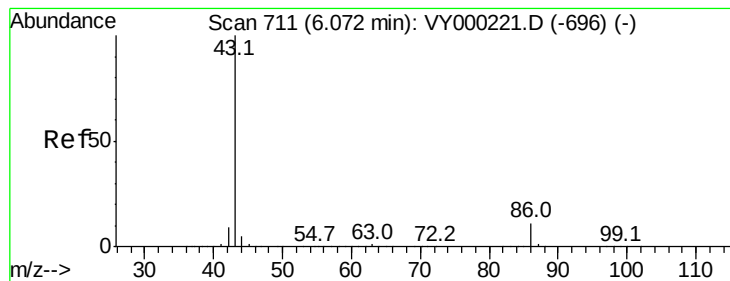
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 894.169 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

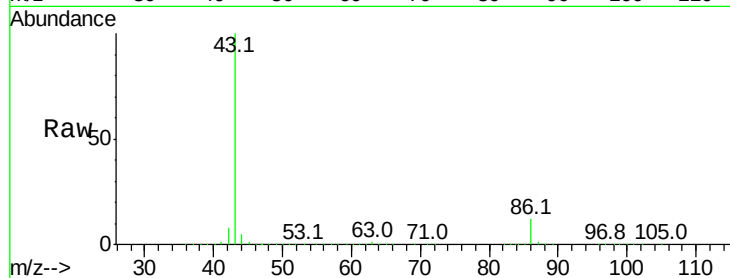
VSTDIC100

Tgt Ion: 43 Resp: 6327328

Ion Ratio Lower Upper

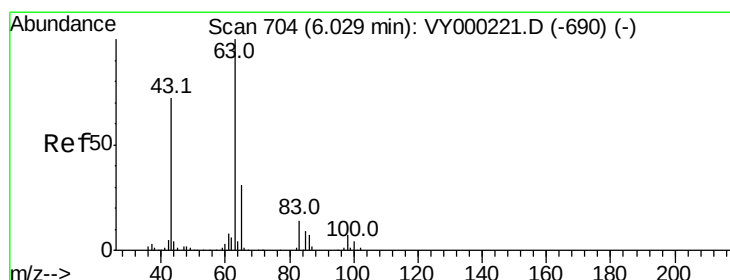
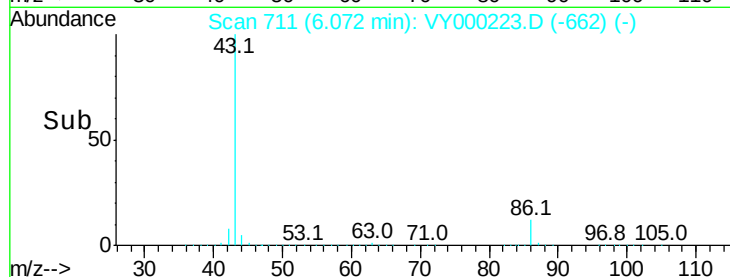
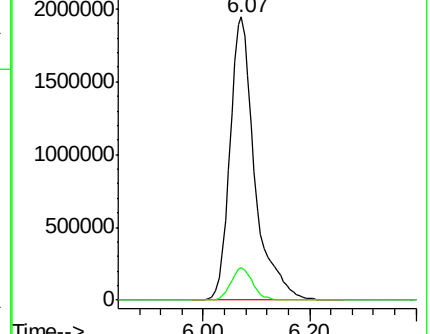
43 100

86 11.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 156.833 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

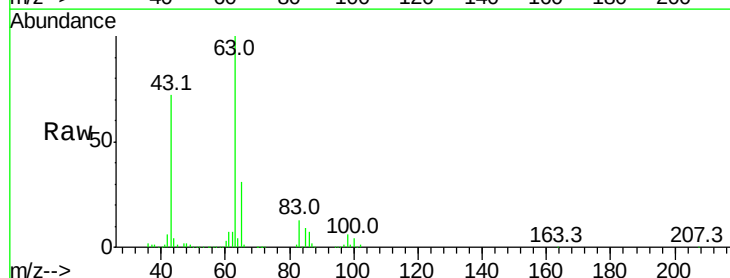
Tgt Ion: 63 Resp: 677823

Ion Ratio Lower Upper

63 100

98 6.3 4.8 14.4

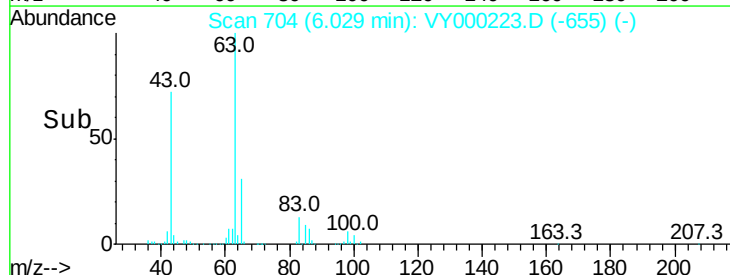
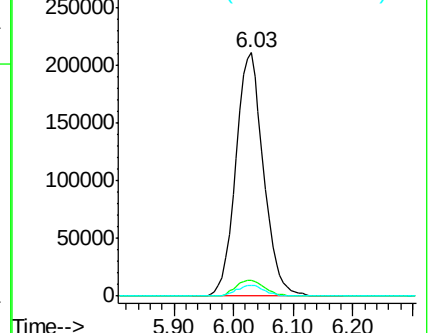
100 4.3 2.9 8.8

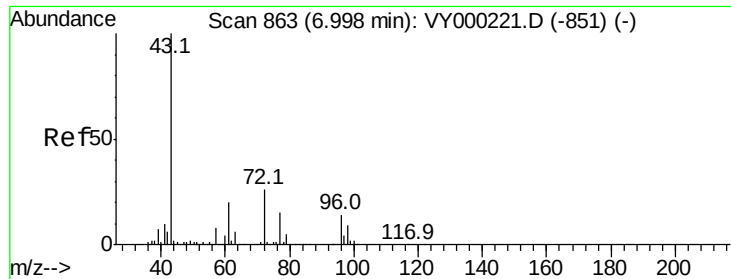


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 892.837 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

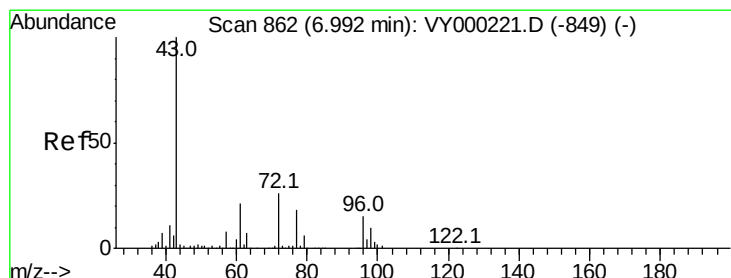
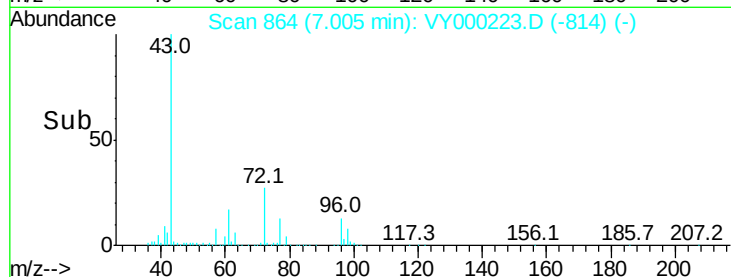
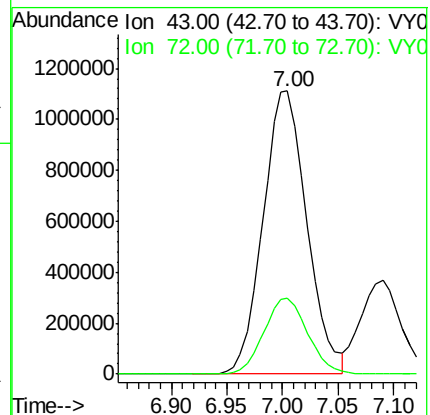
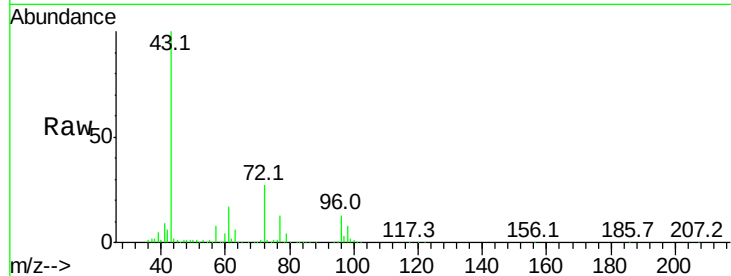
VSTDIC100

Tgt Ion: 43 Resp: 3047666

Ion Ratio Lower Upper

43 100

72 26.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 132.833 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000223.D

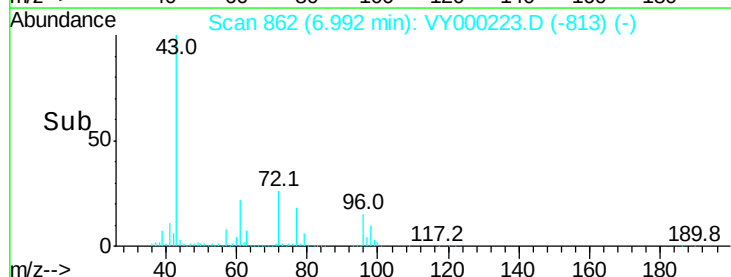
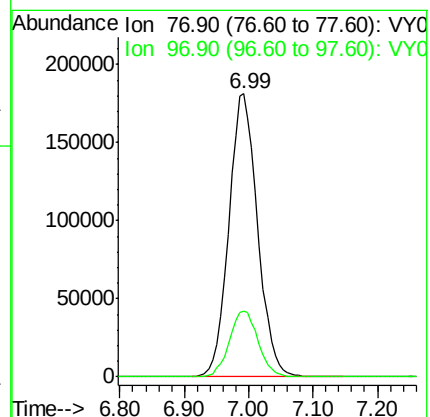
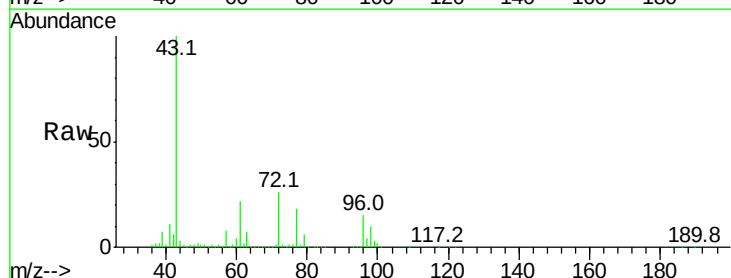
Acq: 08 Oct 2019 14:29

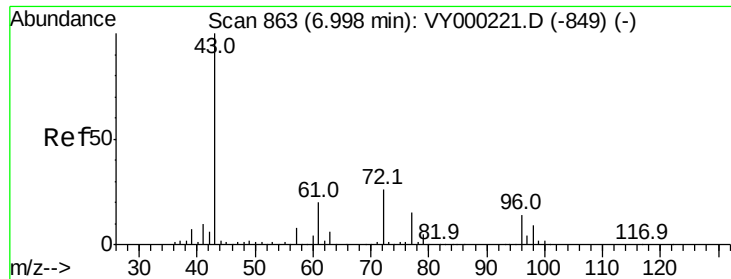
Tgt Ion: 77 Resp: 566448

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



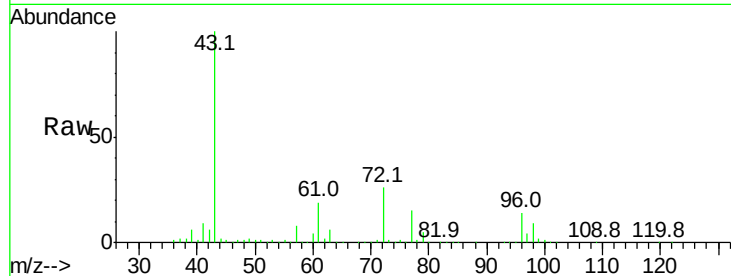


#27

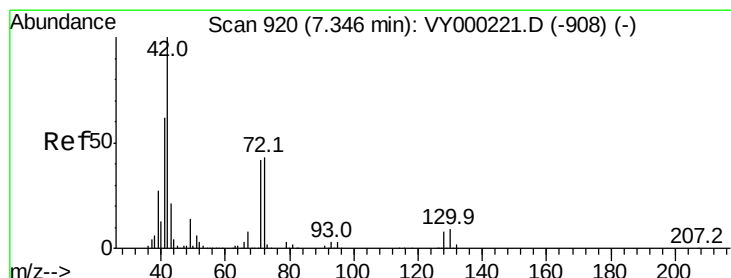
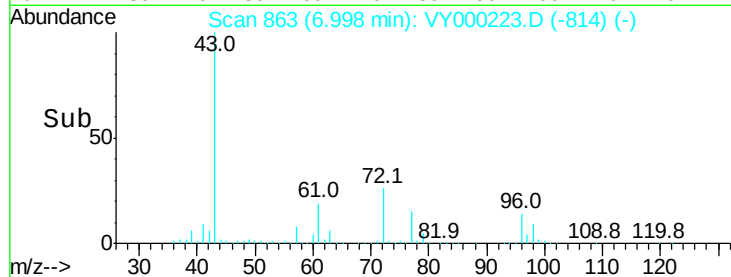
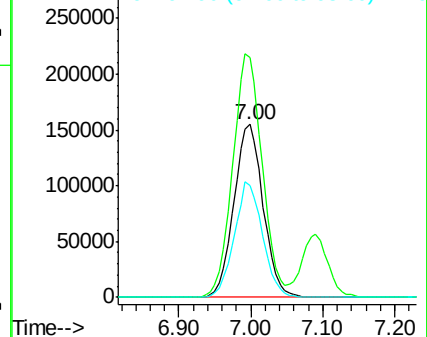
cis-1,2-Dichloroethene
 Concen: 137.830 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 437555
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 244.4
 98 64.2 0.0 129.6



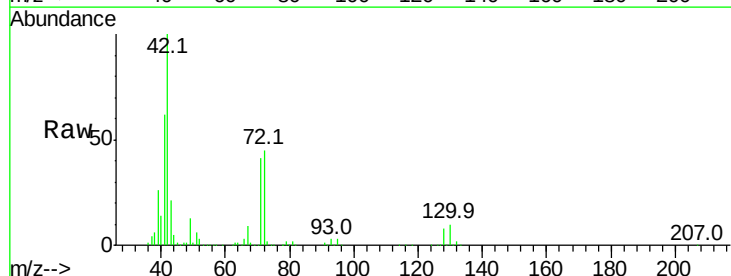
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



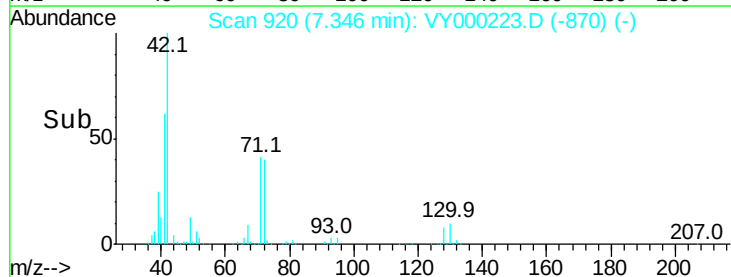
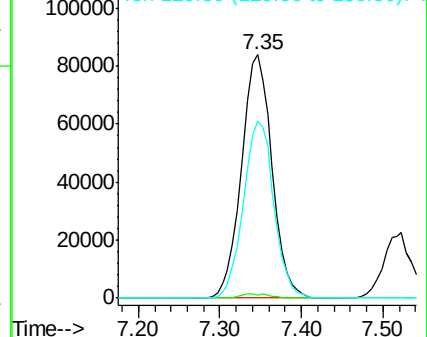
#28

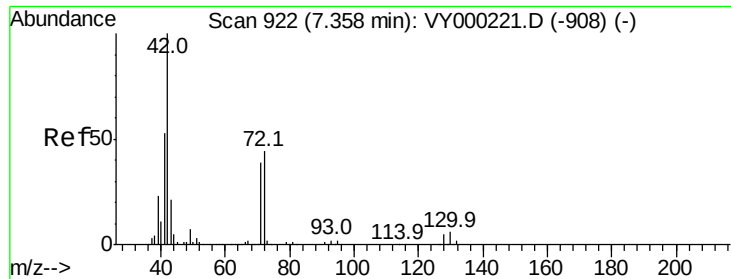
Bromochloromethane
 Concen: 176.407 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 49 Resp: 217562
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 72.4 70.5 105.7



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





#29

Tetrahydrofuran

Concen: 888.523 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

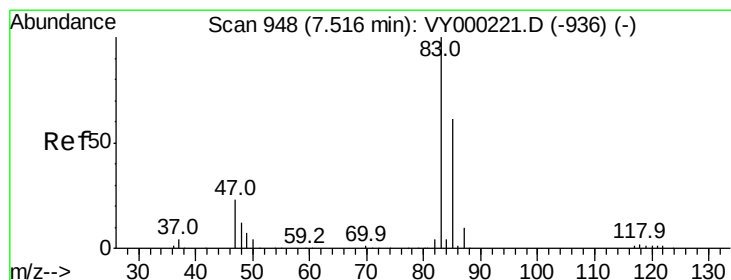
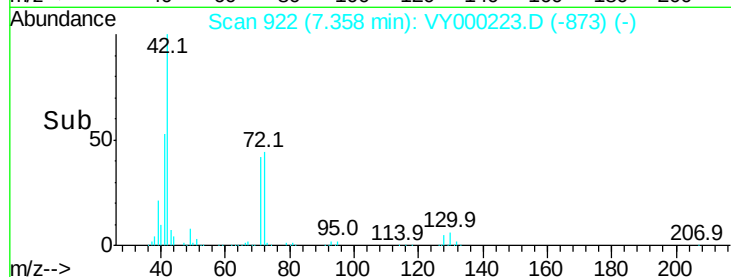
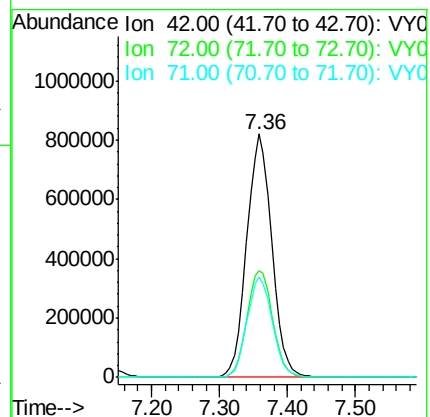
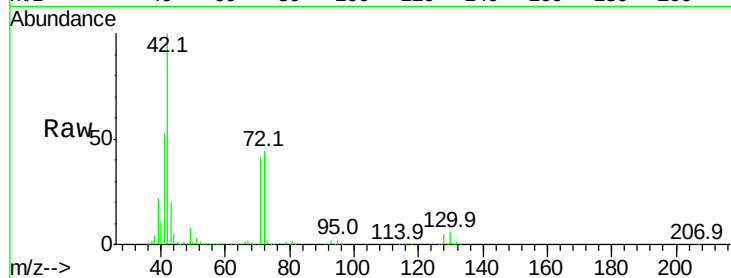
Tgt Ion: 42 Resp: 2102163

Ion Ratio Lower Upper

42 100

72 45.2 40.4 60.6

71 41.9 36.6 55.0



#30

Chloroform

Concen: 140.949 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000223.D

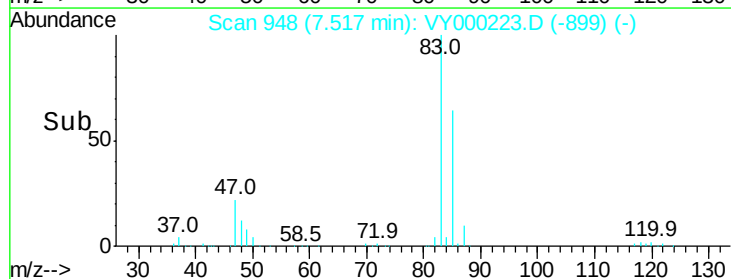
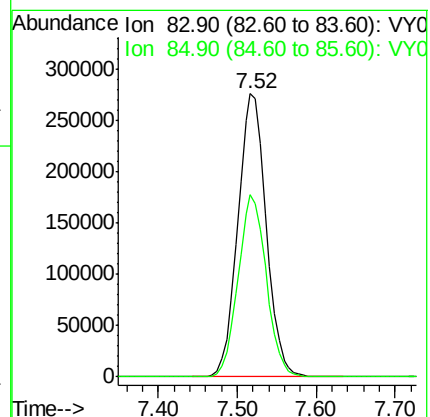
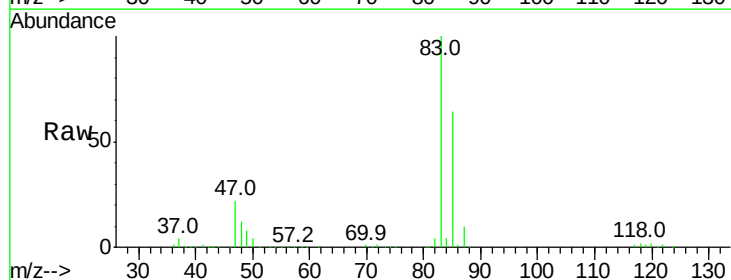
Acq: 08 Oct 2019 14:29

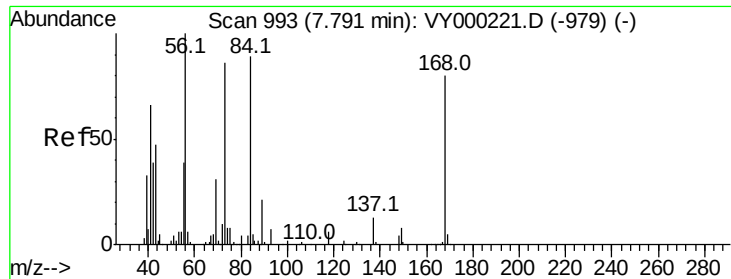
Tgt Ion: 83 Resp: 687084

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

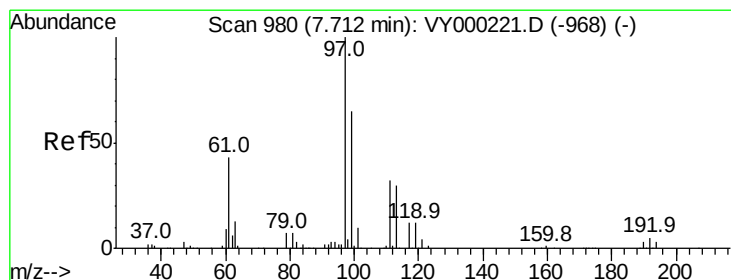
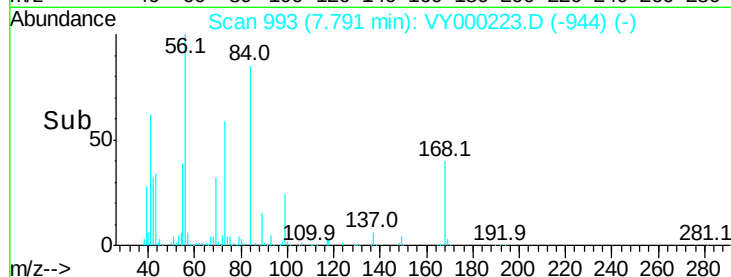
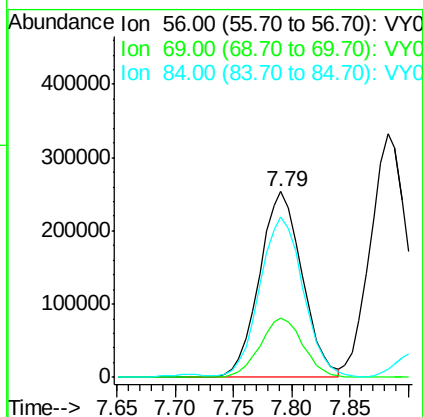
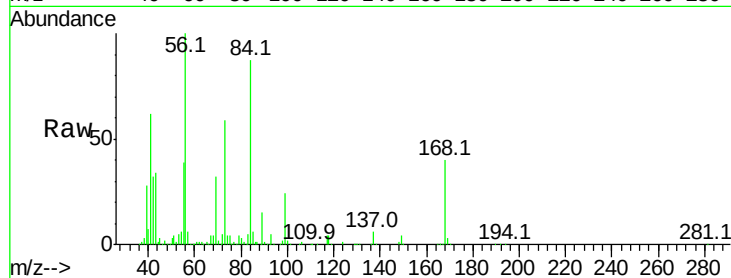




#31
Cyclohexane
Concen: 126.703 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

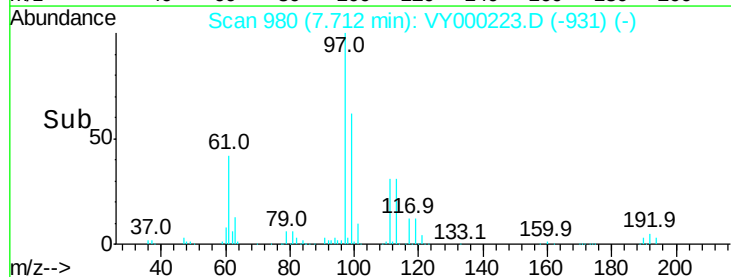
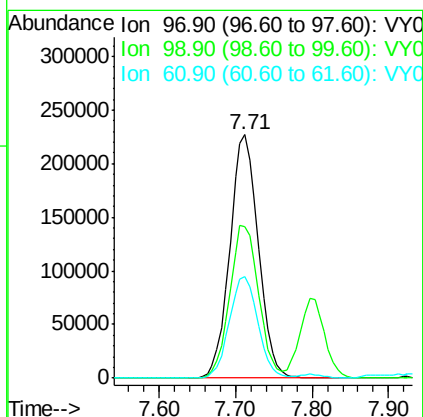
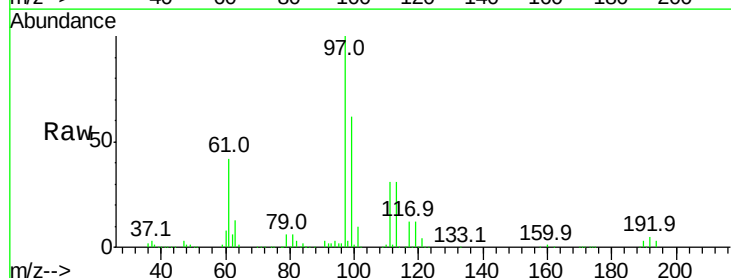
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

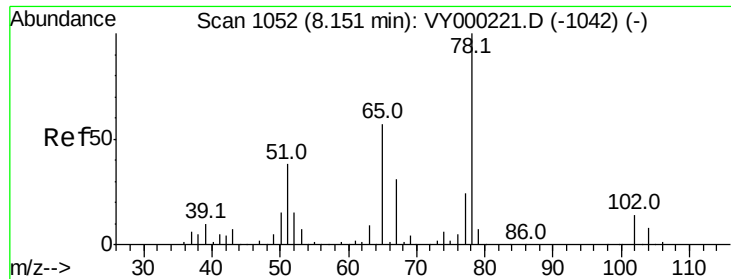
Tgt Ion: 56 Resp: 644230
Ion Ratio Lower Upper
56 100
69 32.1 29.5 44.3
84 85.2 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 136.205 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 97 Resp: 582818
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 42.3 32.5 48.7

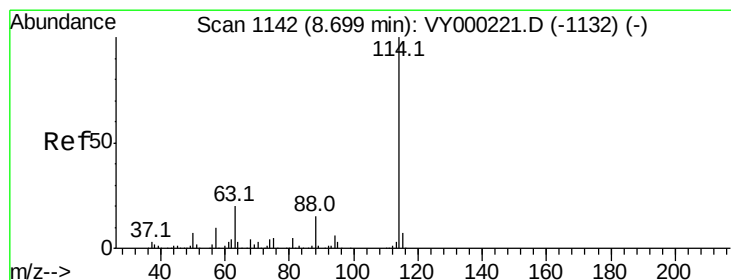
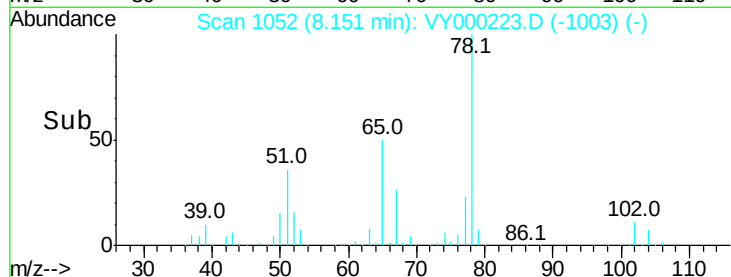
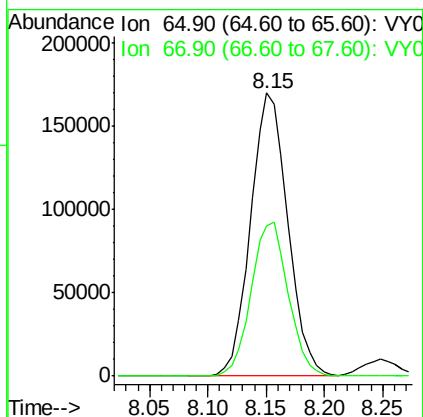
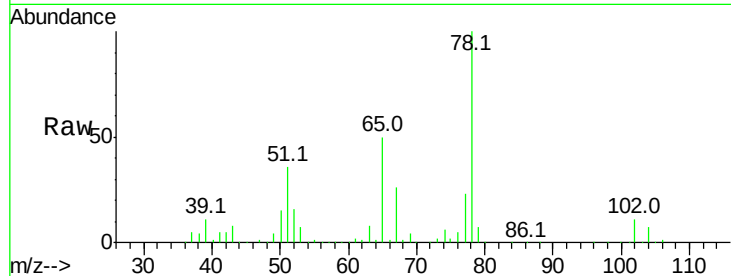




#33
 1,2-Dichloroethane-d4
 Concen: 130.958 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

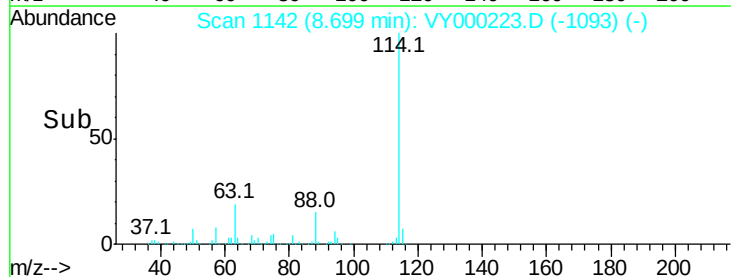
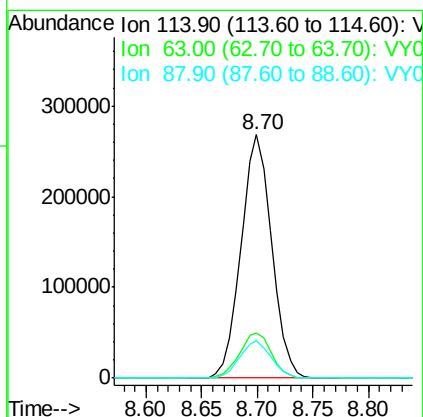
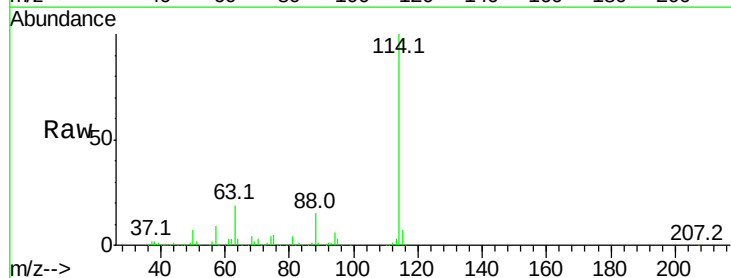
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

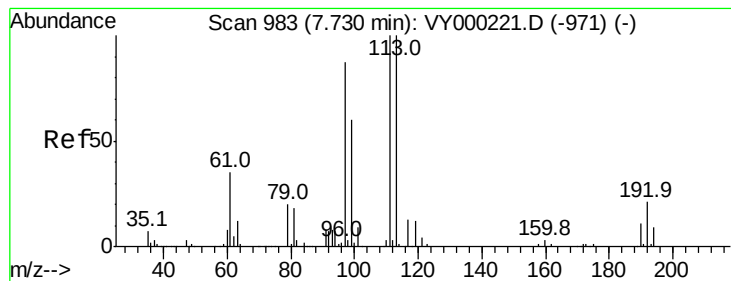
Tgt Ion: 65 Resp: 376246
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 114 Resp: 512259
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 33.4
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 106.427 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

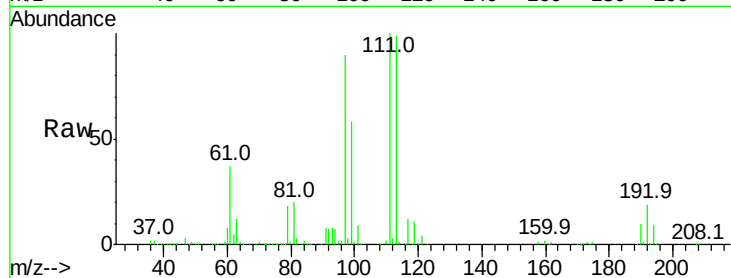
Tgt Ion:113 Resp: 313072

Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

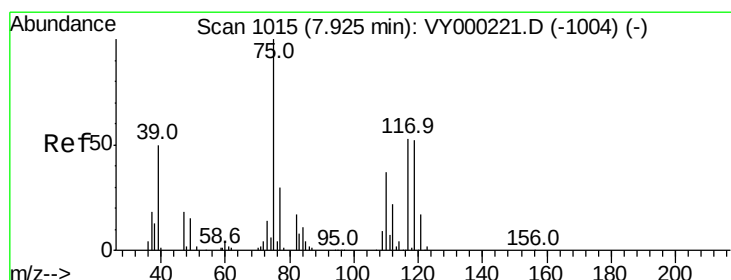
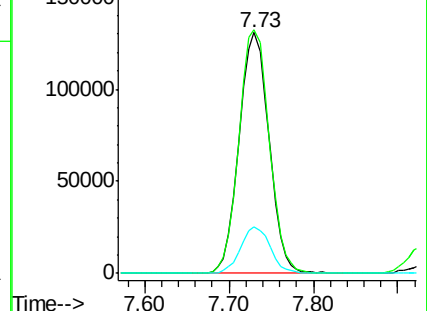
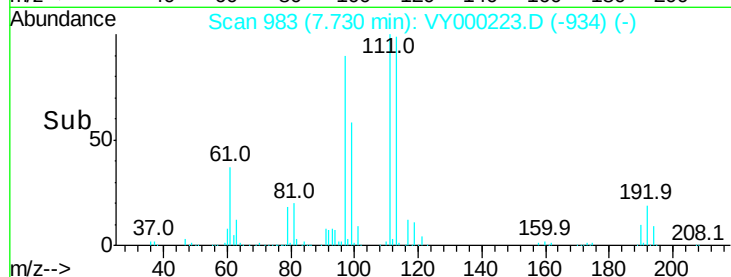
192 19.0 18.6 27.8



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: 126.017 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

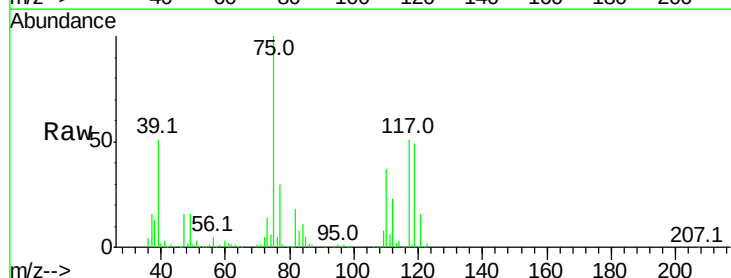
Tgt Ion: 75 Resp: 517752

Ion Ratio Lower Upper

75 100

110 36.2 20.2 60.5

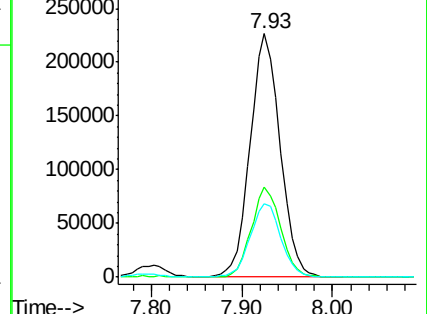
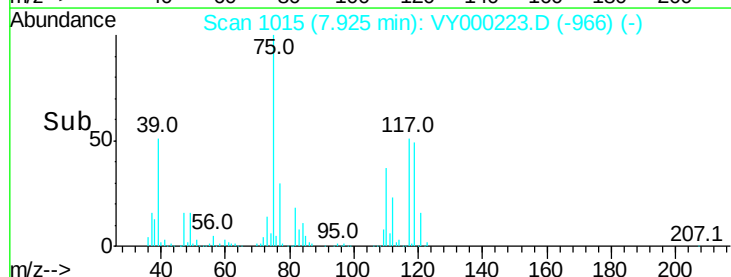
77 31.0 25.5 38.3

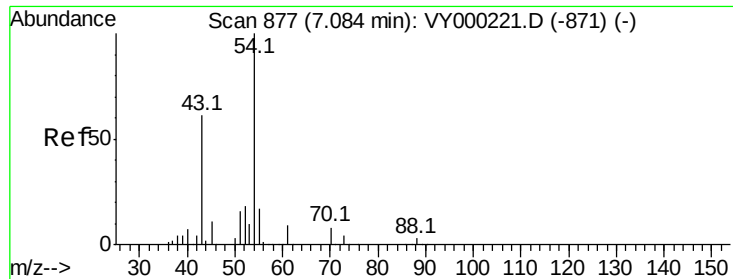


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

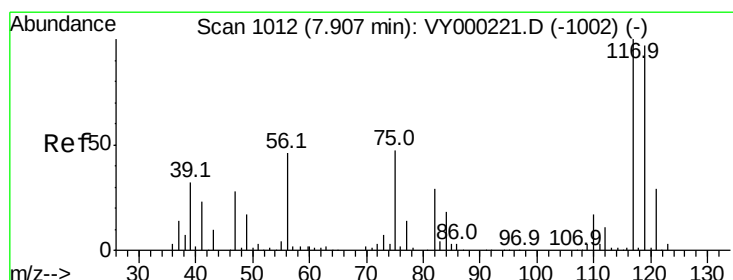
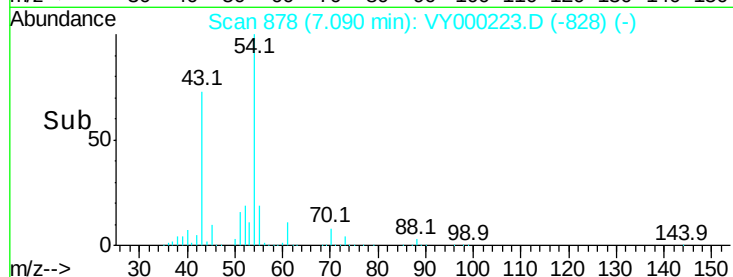
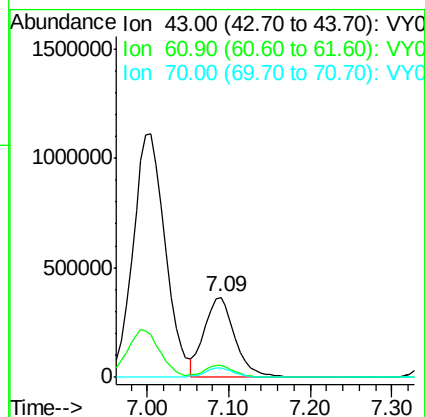
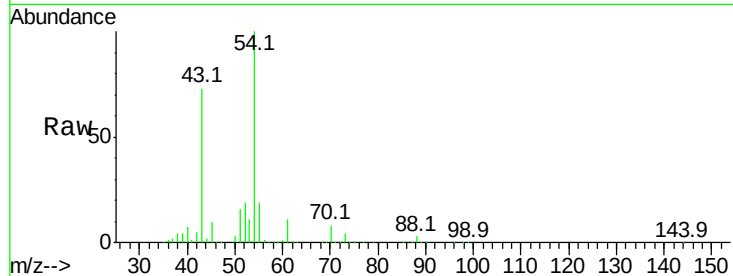




#37
Ethyl Acetate
Concen: 148.884 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

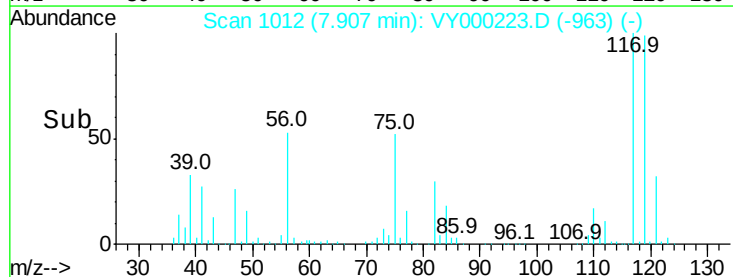
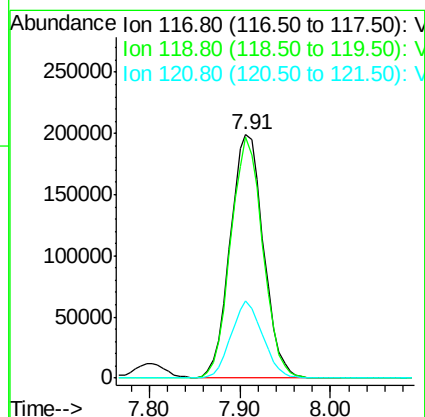
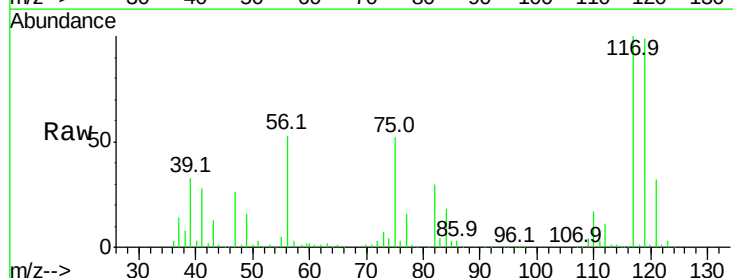
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

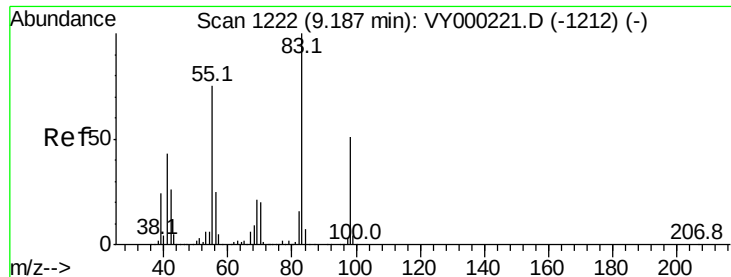
Tgt Ion: 43 Resp: 958994
Ion Ratio Lower Upper
43 100
61 15.2 11.6 17.4
70 11.3 9.5 14.3



#38
Carbon Tetrachloride
Concen: 114.814 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 117 Resp: 507418
Ion Ratio Lower Upper
117 100
119 99.1 74.7 112.1
121 31.7 25.1 37.7

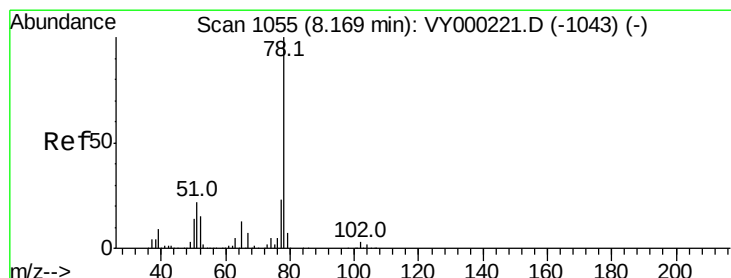
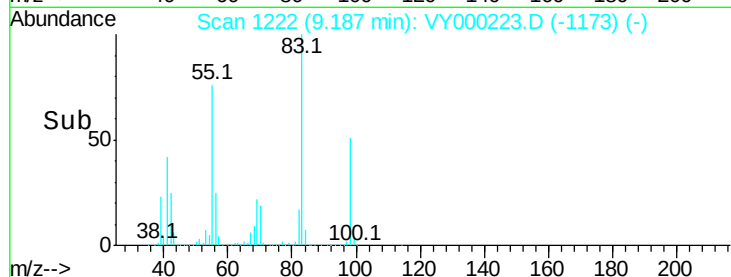
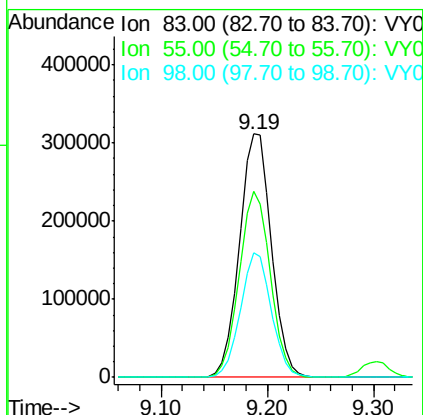
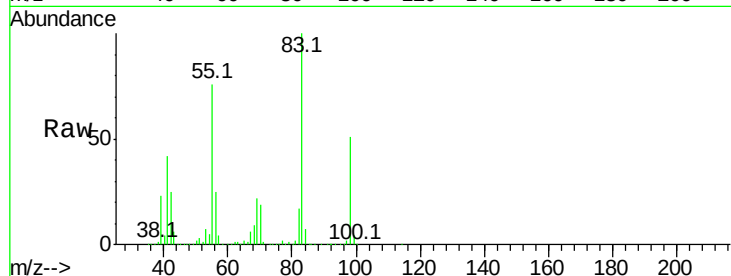




#39
Methylcyclohexane
Concen: 120.375 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

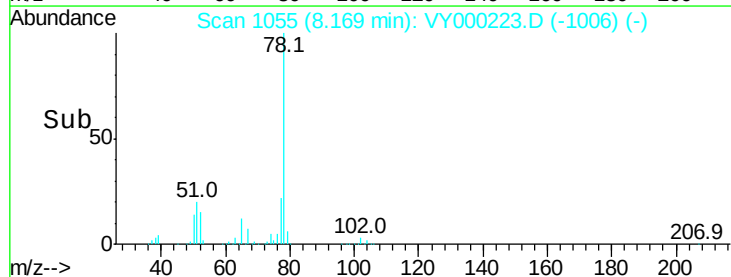
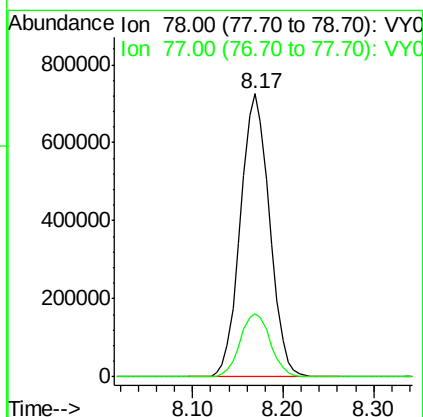
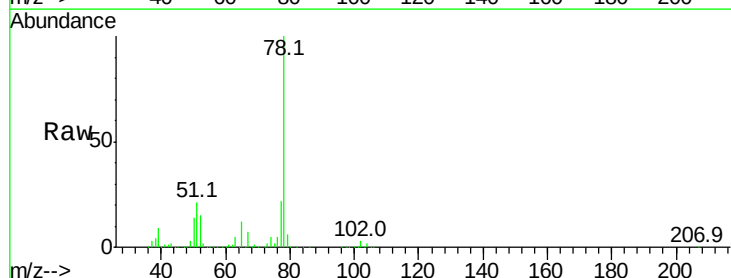
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

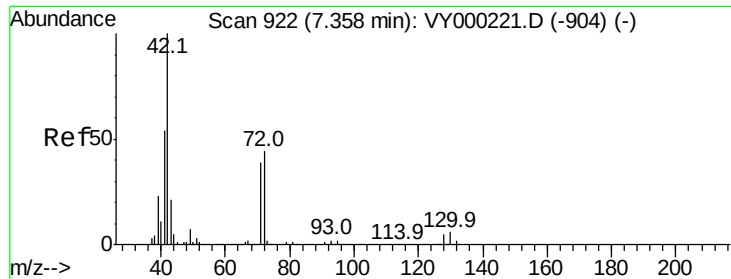
Tgt Ion: 83 Resp: 658178
Ion Ratio Lower Upper
83 100
55 76.3 53.3 79.9
98 51.1 43.8 65.8



#40
Benzene
Concen: 131.214 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 78 Resp: 1614738
Ion Ratio Lower Upper
78 100
77 22.4 17.9 26.9

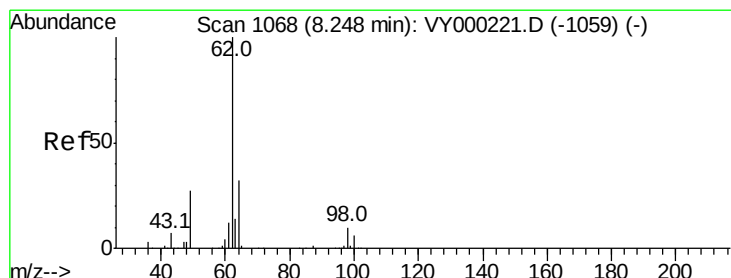
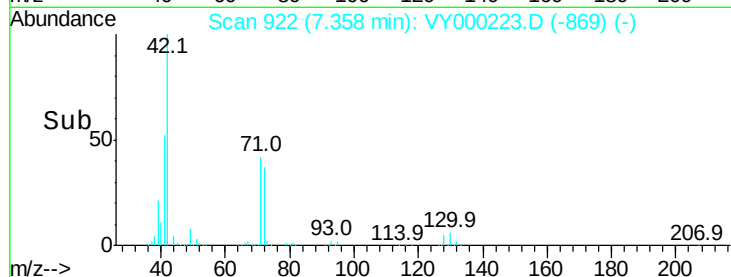
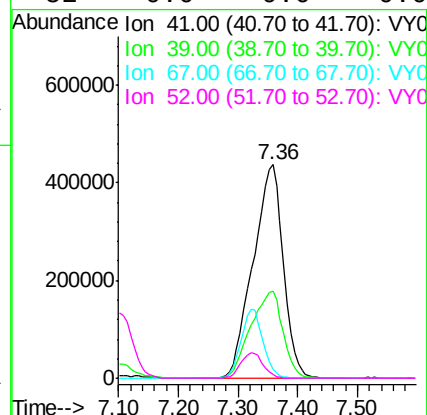
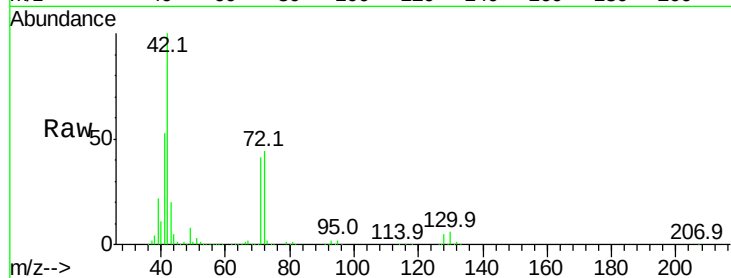




#41
Methacrylonitrile
Concen: 191.661 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

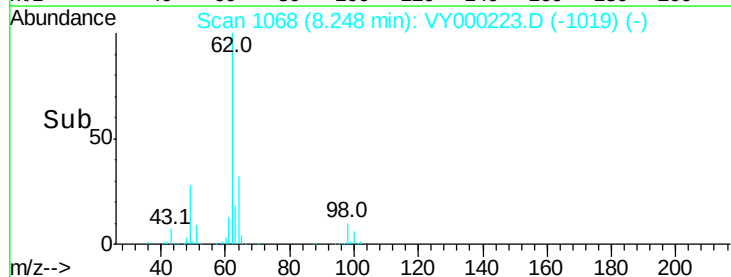
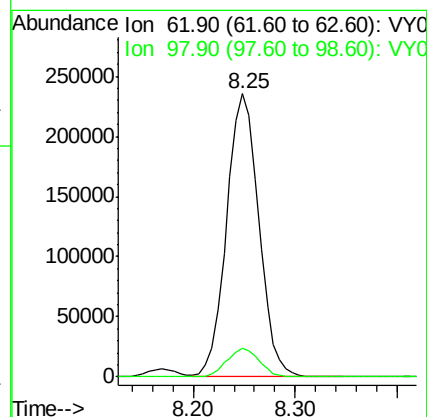
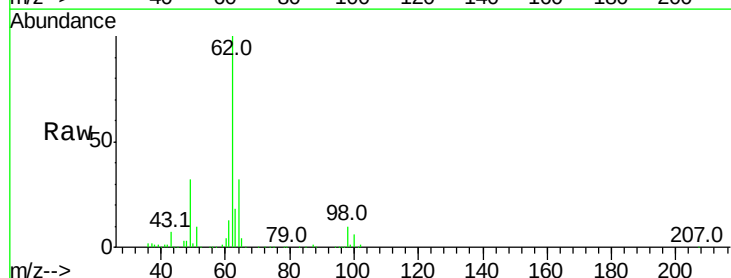
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

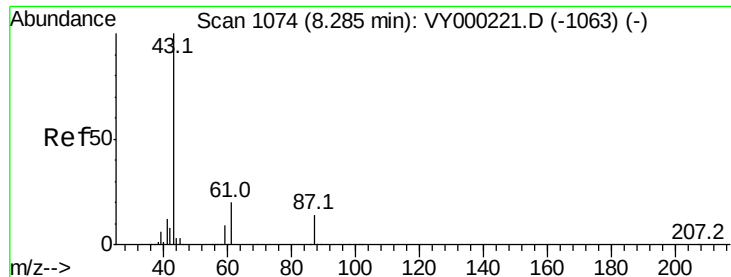
Tgt Ion: 41 Resp: 1541049
Ion Ratio Lower Upper
41 100
39 43.6 122.2 183.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 129.240 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 62 Resp: 516639
Ion Ratio Lower Upper
62 100
98 10.1 0.0 23.0





#43

Isopropyl Acetate

Concen: 149.478 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

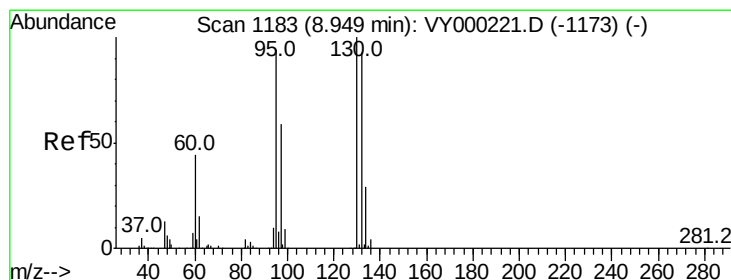
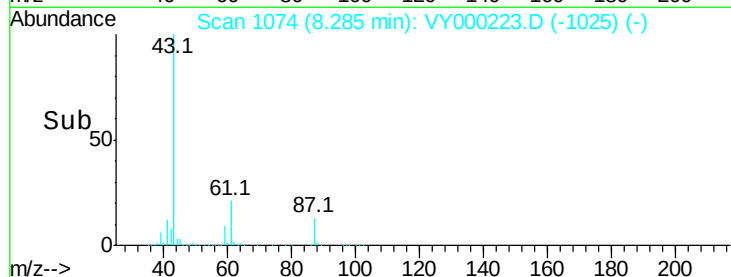
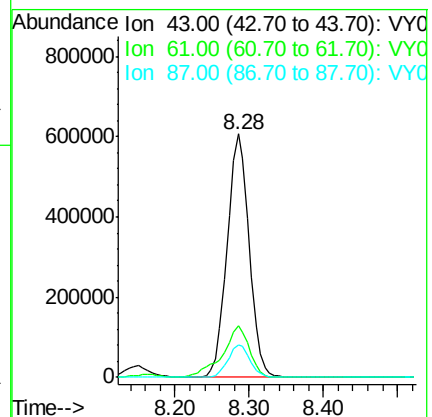
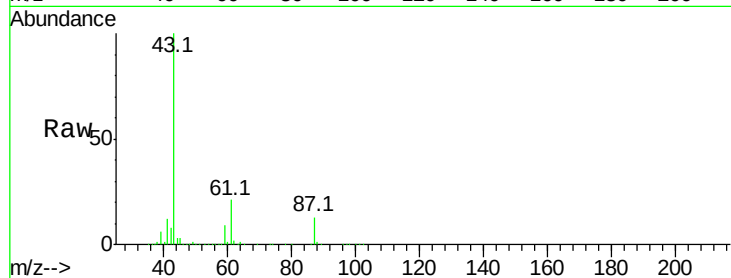
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 1247394

Ion	Ratio	Lower	Upper
43	100		
61	25.7	21.2	31.8
87	13.4	12.4	18.6



#44

Trichloroethene

Concen: 102.839 ug/l

RT: 8.95 min Scan# 1183

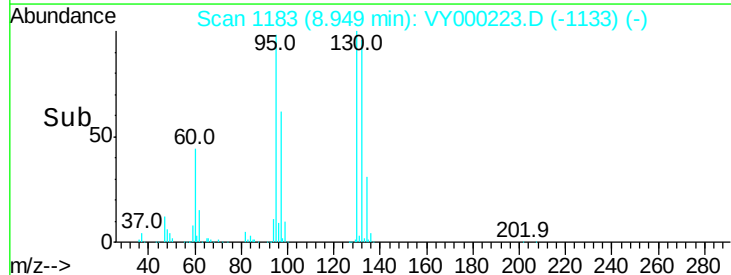
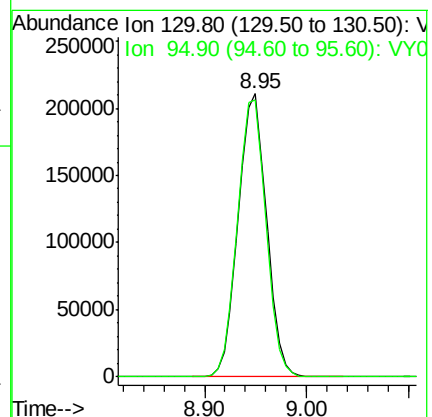
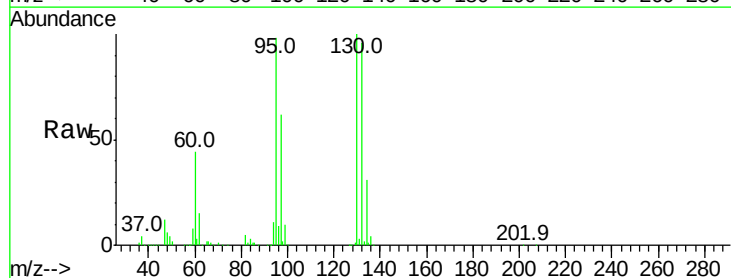
Delta R.T. 0.01 min

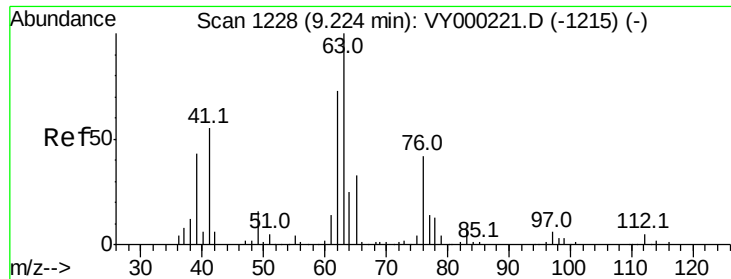
Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 130 Resp: 406332

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	183.0

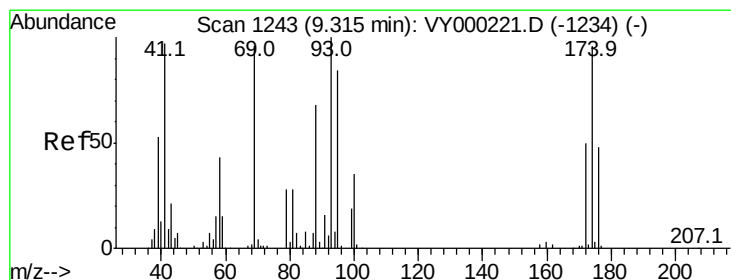
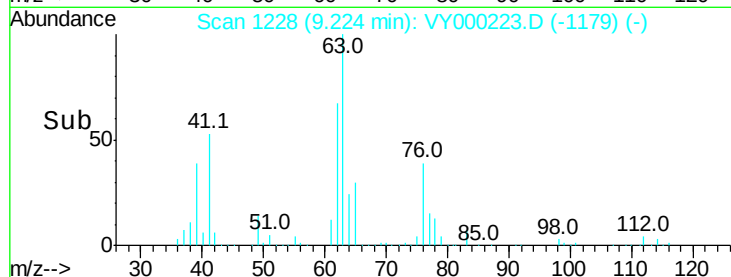
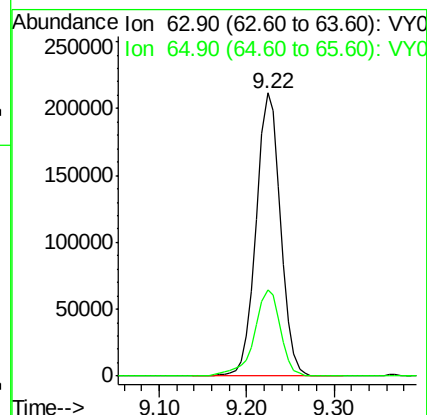
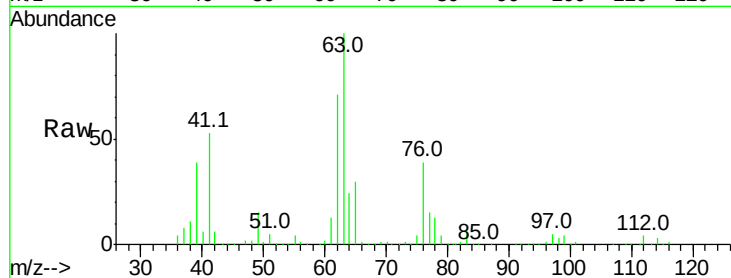




#45
 1,2-Dichloropropane
 Concen: 135.980 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

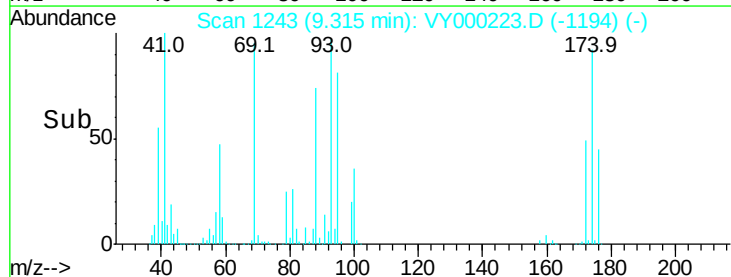
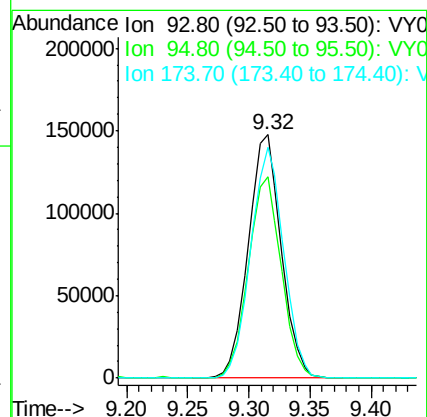
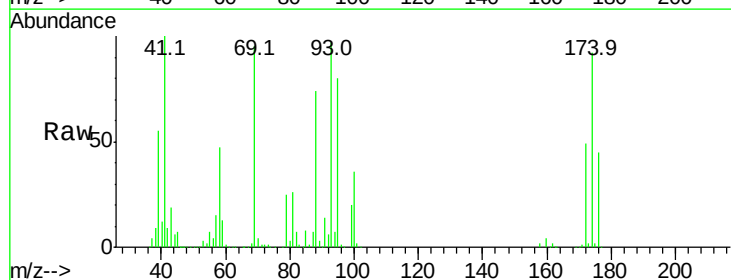
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

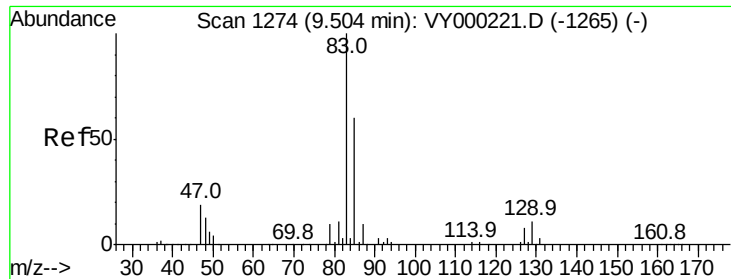
Tgt Ion: 63 Resp: 407821
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



#46
 Dibromomethane
 Concen: 124.089 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 93 Resp: 276647
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.6
 174 95.0 93.4 140.0





#47

Bromodichloromethane

Concen: 129.207 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

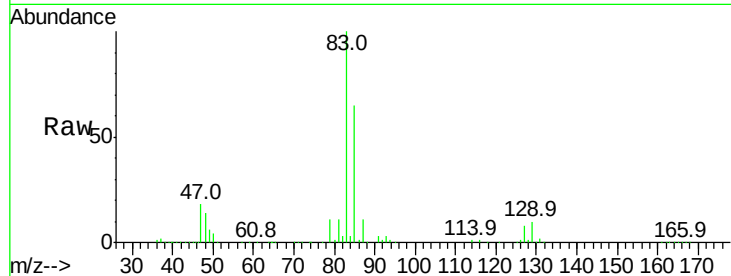
Tgt Ion: 83 Resp: 546564

Ion Ratio Lower Upper

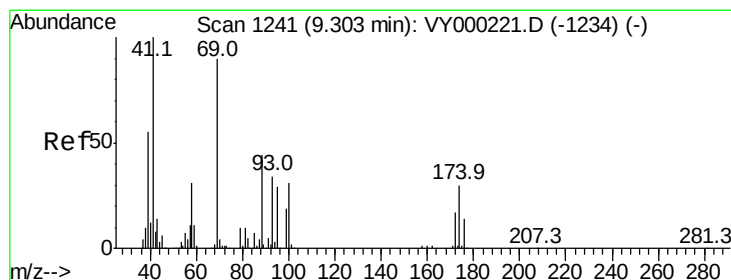
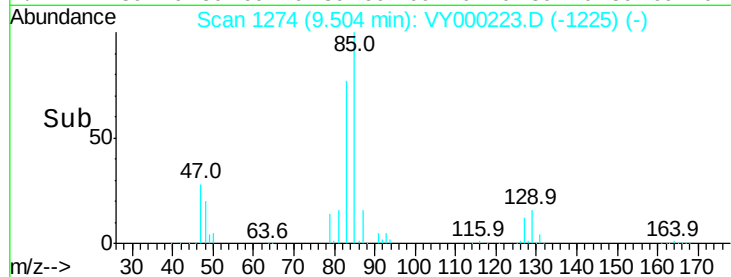
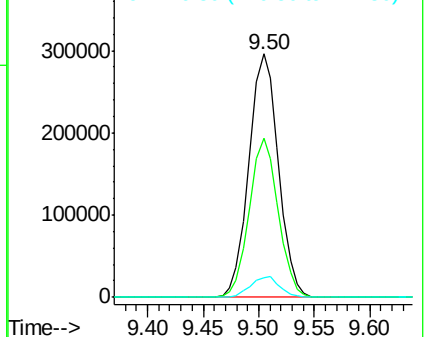
83 100

85 65.5 51.0 76.4

127 7.9 6.6 9.8



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: 154.272 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

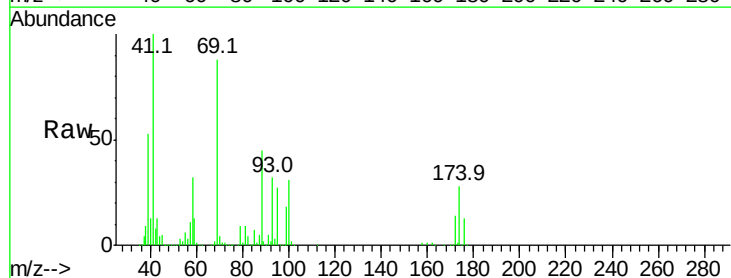
Tgt Ion: 41 Resp: 553129

Ion Ratio Lower Upper

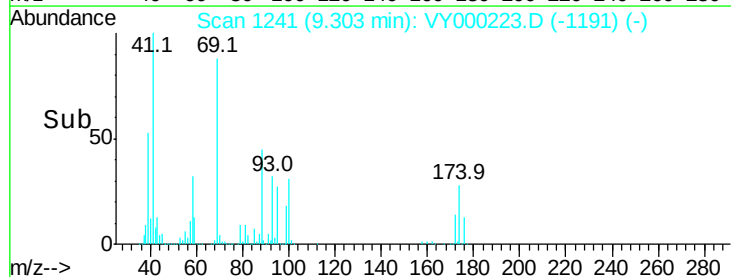
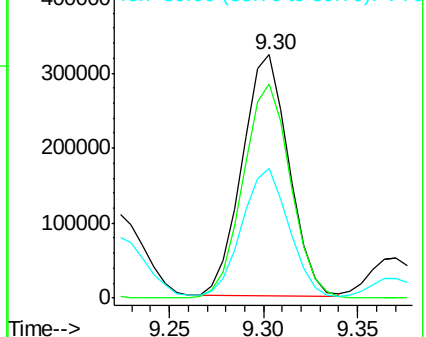
41 100

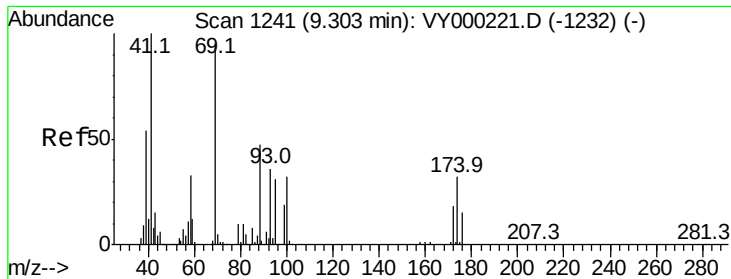
69 90.2 77.6 116.4

39 54.8 48.7 73.1



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

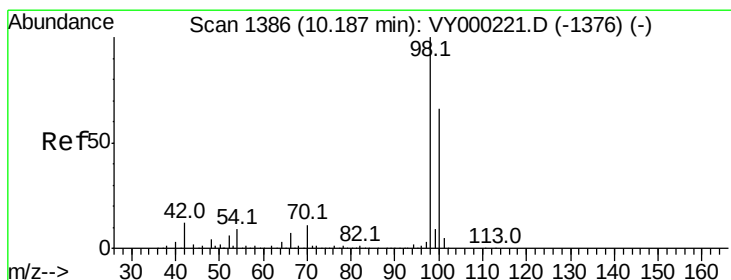
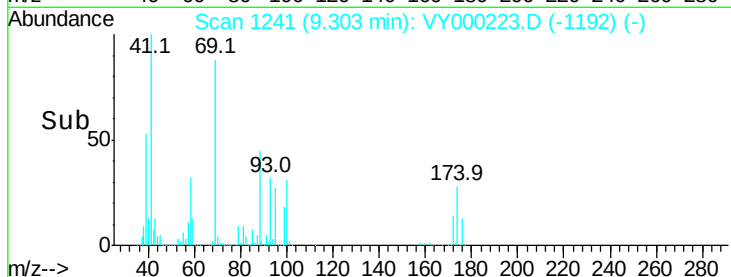
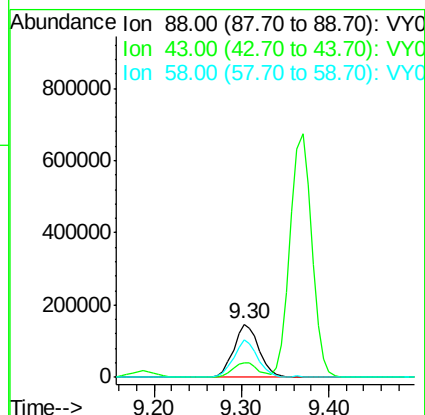
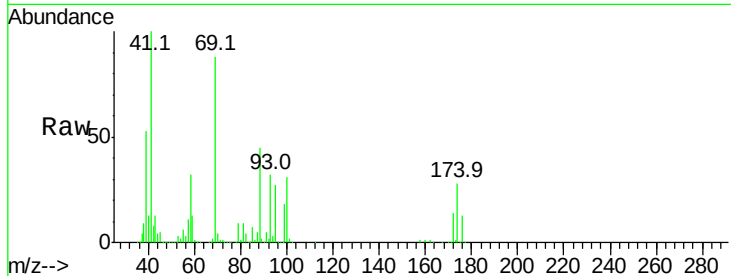




#49
1,4-Dioxane
Concen: 2607.749 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

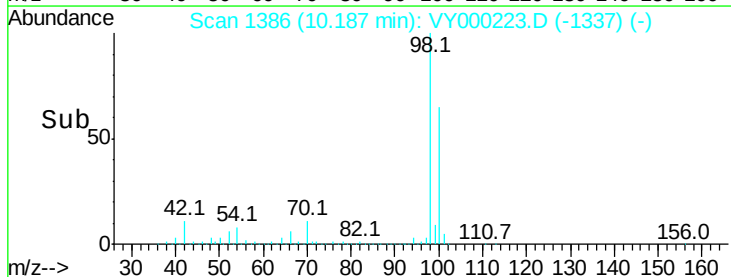
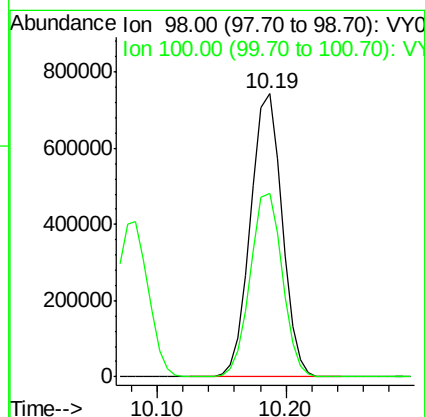
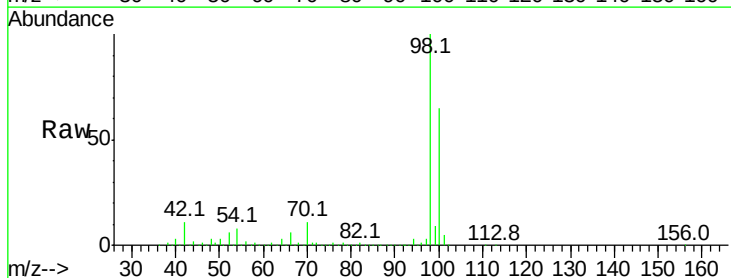
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

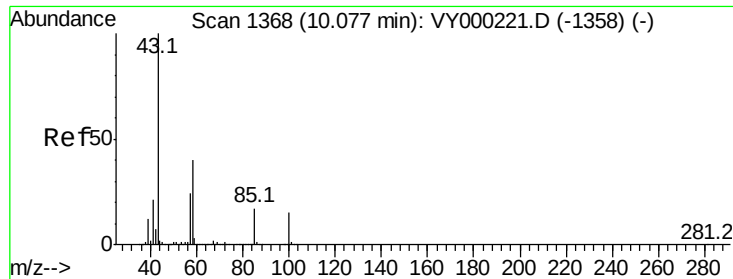
Tgt Ion: 88 Resp: 292993
Ion Ratio Lower Upper
88 100
43 28.3 20.2 30.2
58 66.9 46.8 70.2



#50
Toluene-d8
Concen: 115.776 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 98 Resp: 1256210
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

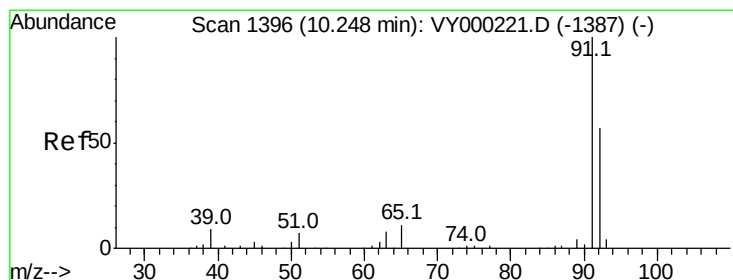
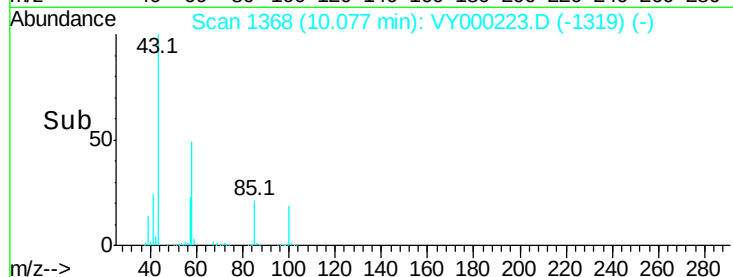
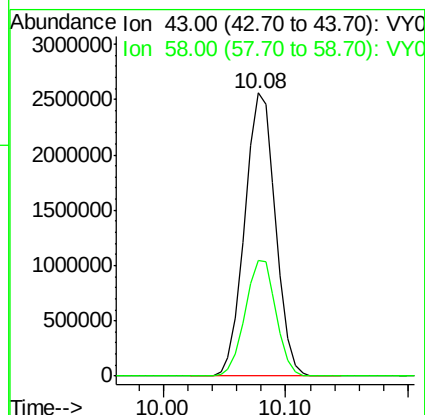
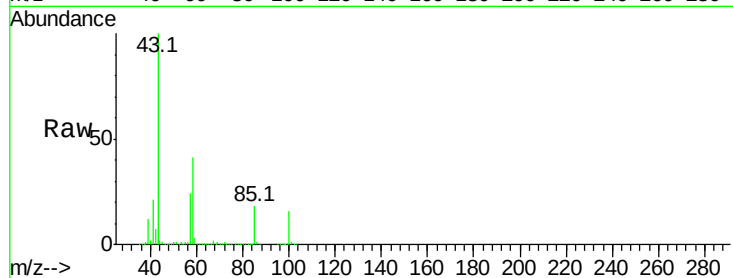




#51
4-Methyl-2-Pentanone
Concen: 722.735 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

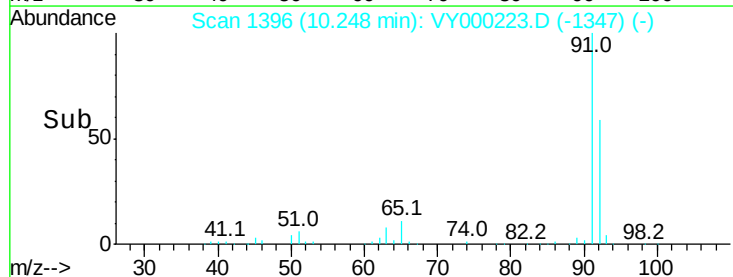
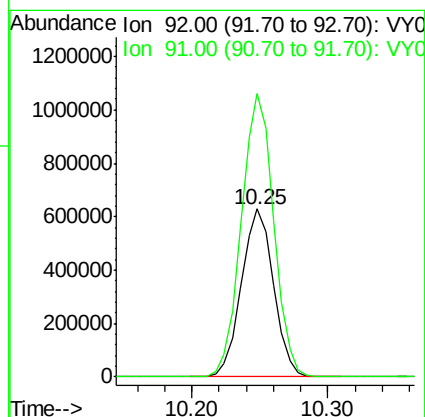
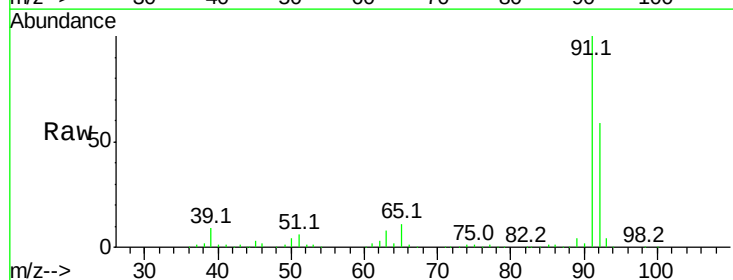
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

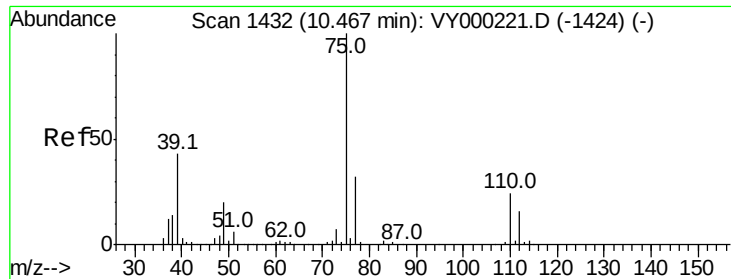
Tgt Ion: 43 Resp: 4460608
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6



#52
Toluene
Concen: 128.460 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion: 92 Resp: 1034888
Ion Ratio Lower Upper
92 100
91 169.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 136.728 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

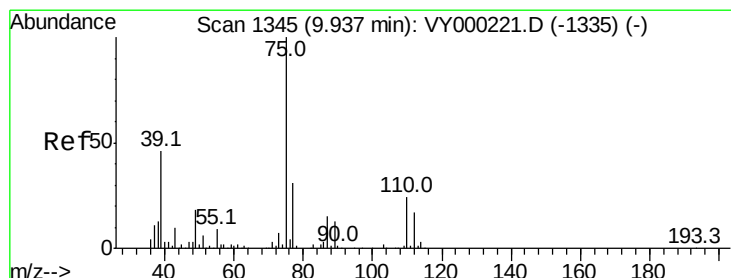
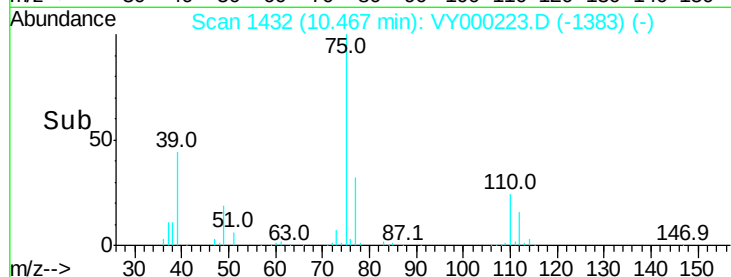
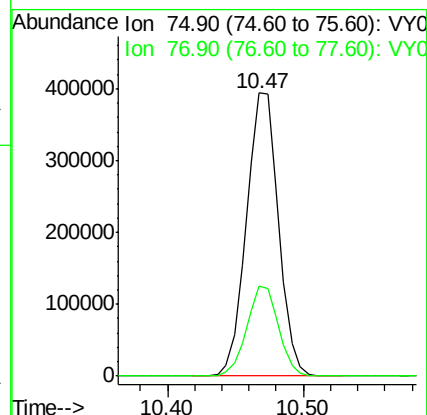
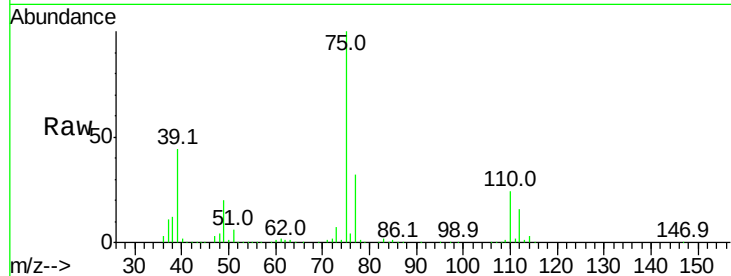
VSTDIC100

Tgt Ion: 75 Resp: 649563

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 136.017 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

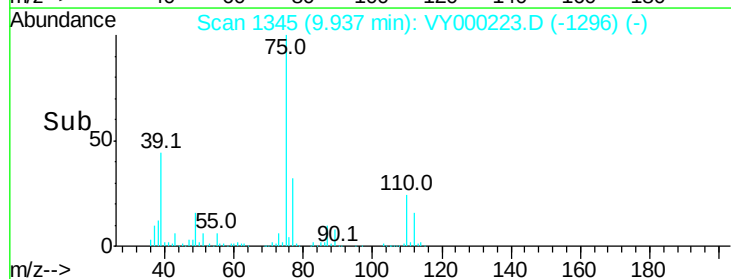
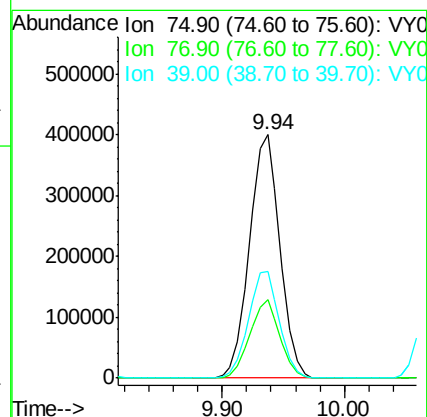
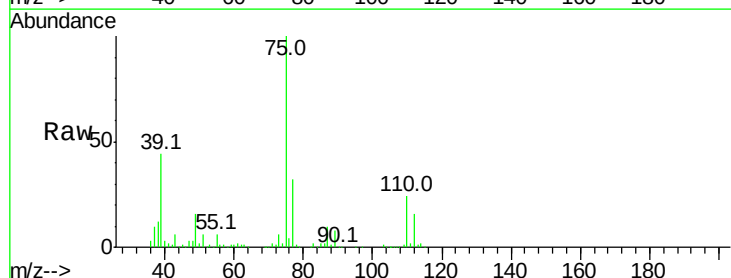
Tgt Ion: 75 Resp: 692098

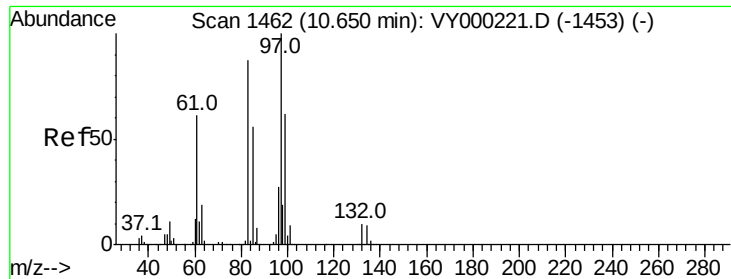
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 43.6 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 121.898 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 402879

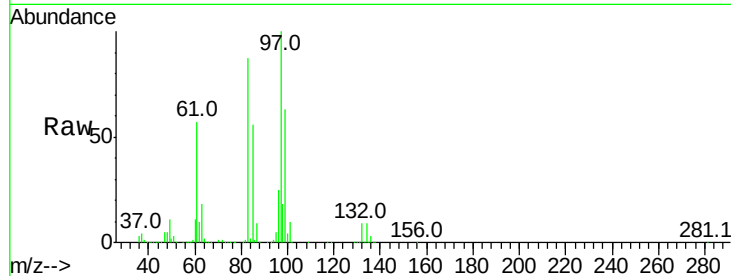
Ion Ratio Lower Upper

97 100

83 86.5 66.2 99.2

85 56.0 41.0 61.6

99 62.9 47.0 70.6

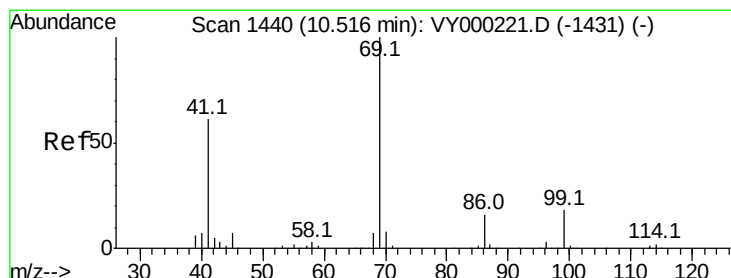
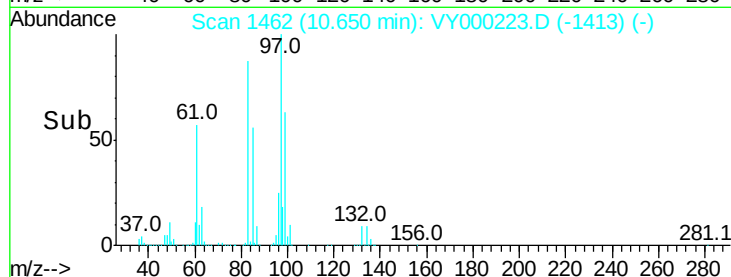
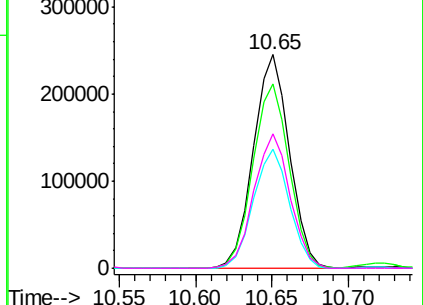


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 145.501 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

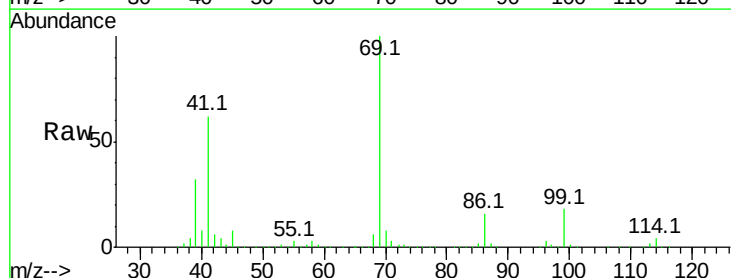
Tgt Ion: 69 Resp: 731593

Ion Ratio Lower Upper

69 100

41 61.5 46.9 70.3

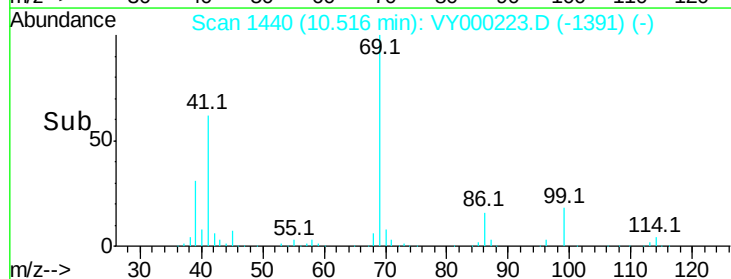
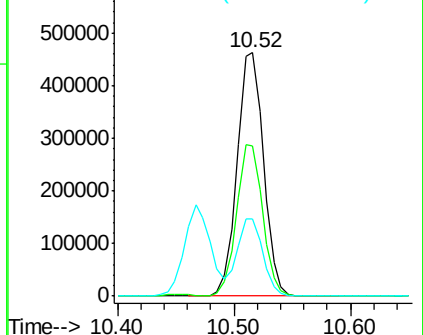
39 30.9 27.4 41.0

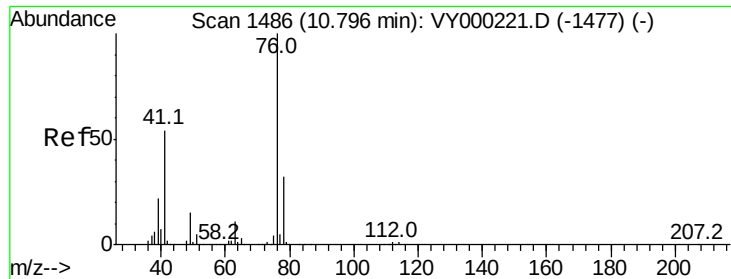


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

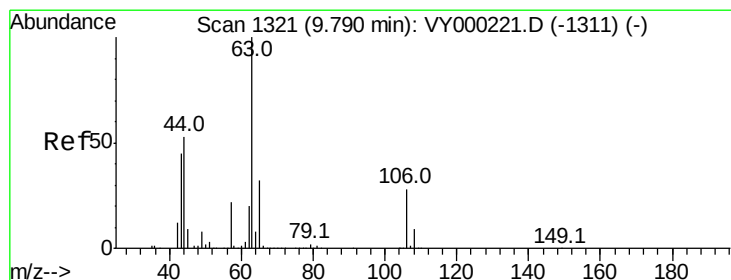
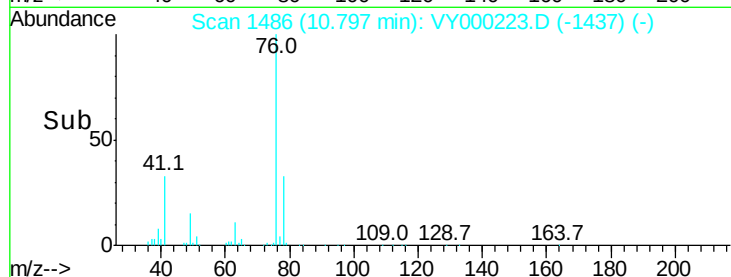
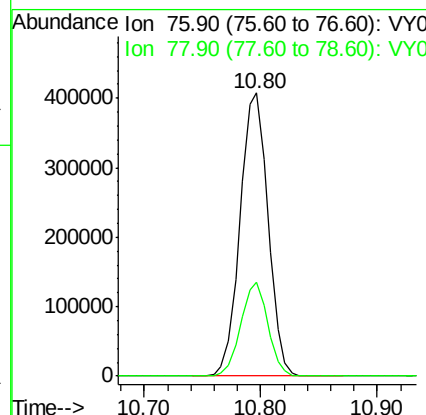
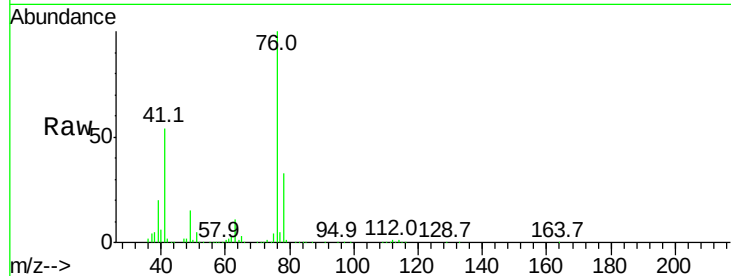




#57
 1,3-Dichloropropane
 Concen: 130.147 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

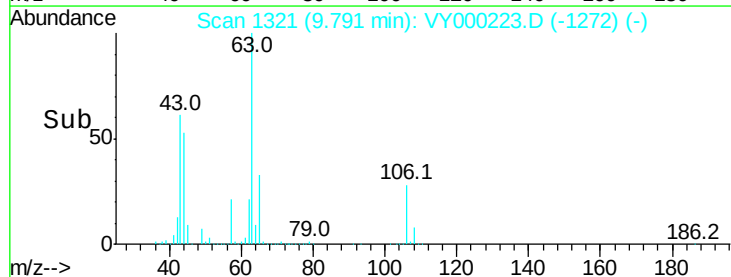
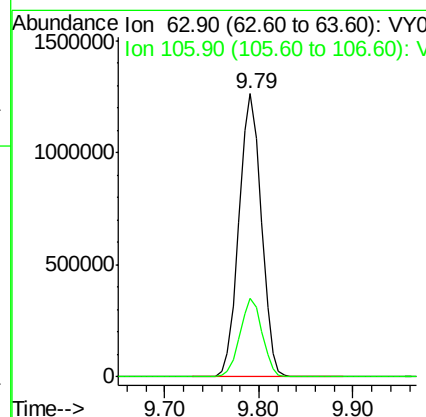
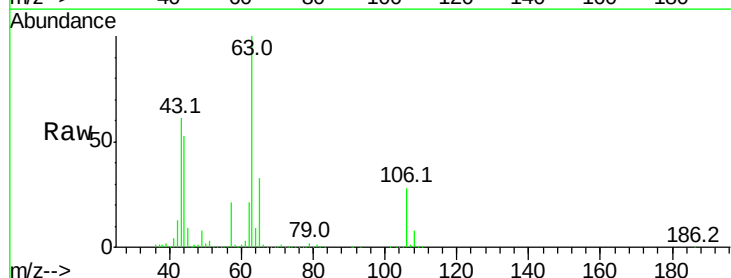
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

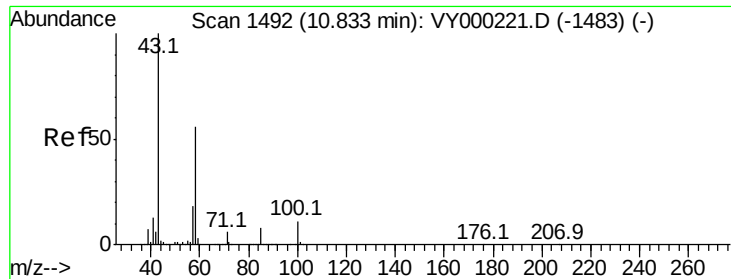
Tgt Ion: 76 Resp: 683364
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 730.763 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 63 Resp: 2090117
 Ion Ratio Lower Upper
 63 100
 106 27.4 26.8 40.2





#59

2-Hexanone

Concen: 728.609 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

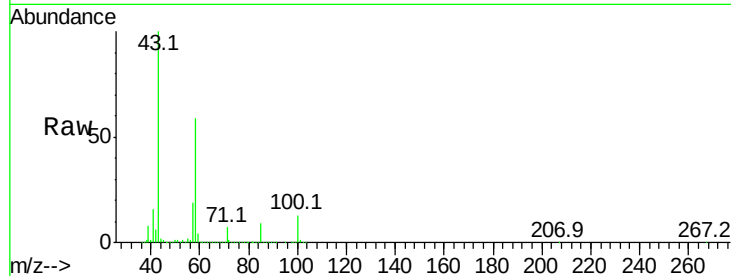
VSTDIC100

Tgt Ion: 43 Resp: 3823233

Ion Ratio Lower Upper

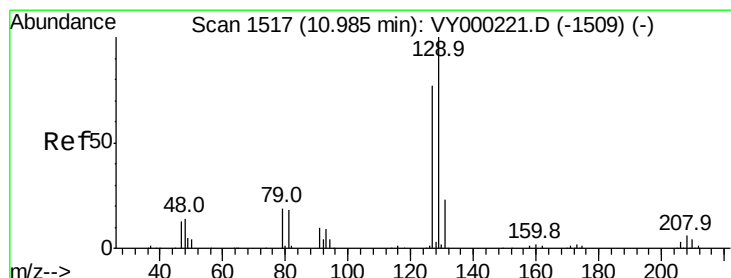
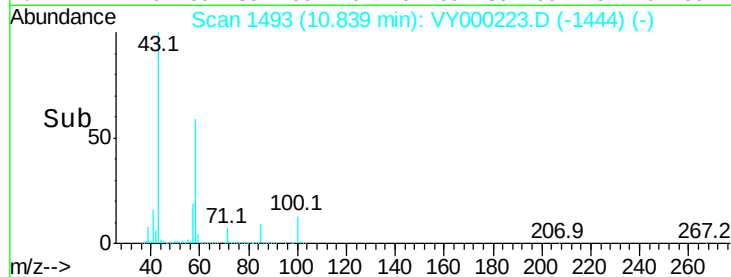
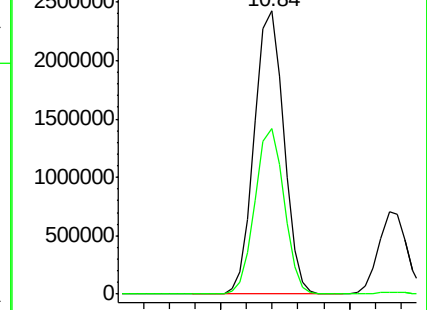
43 100

58 57.9 28.7 86.1



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY000221.D (-1483) (-)



#60

Dibromochloromethane

Concen: 116.254 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VY000223.D

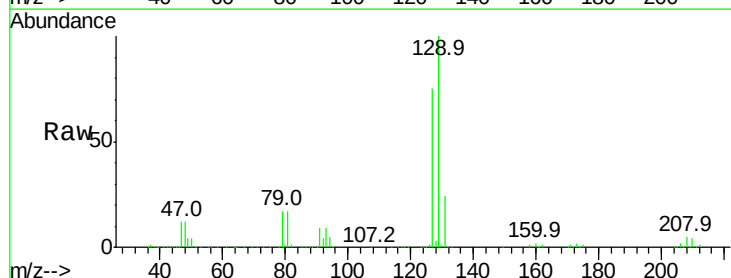
Acq: 08 Oct 2019 14:29

Tgt Ion: 129 Resp: 428805

Ion Ratio Lower Upper

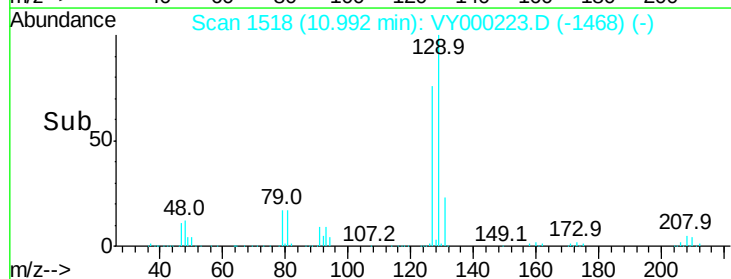
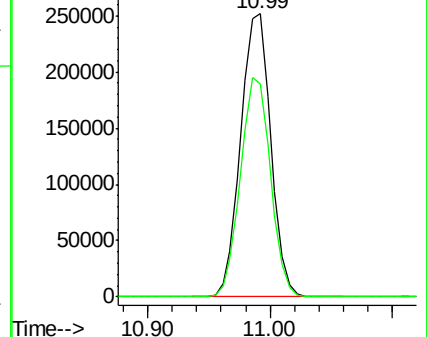
129 100

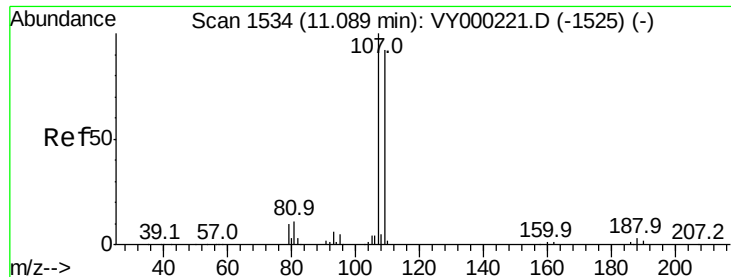
127 77.4 39.2 117.6



Abundance Ion 128.80 (128.50 to 129.50): VY000221.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY000221.D (-1509) (-)

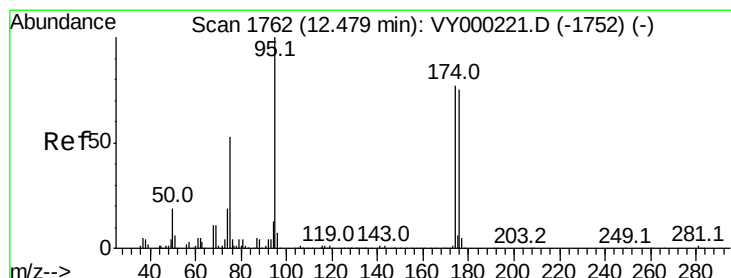
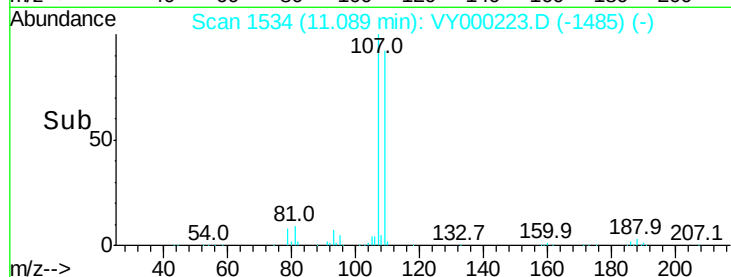
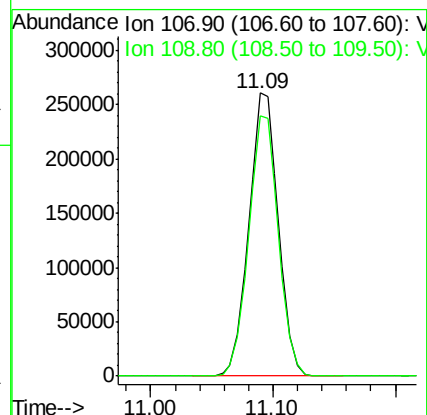
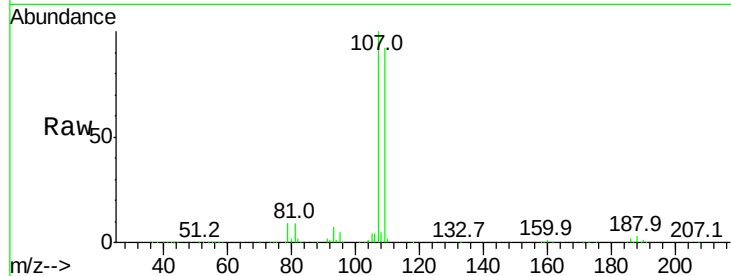




#61
 1,2-Dibromoethane
 Concen: 121.091 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

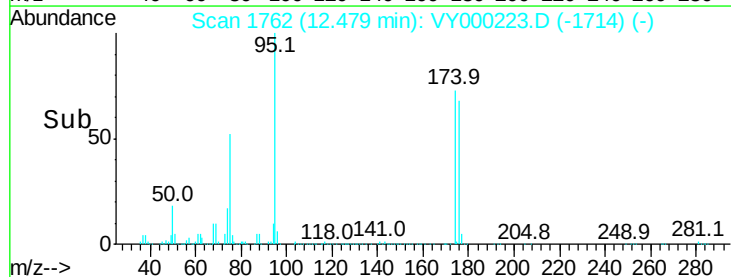
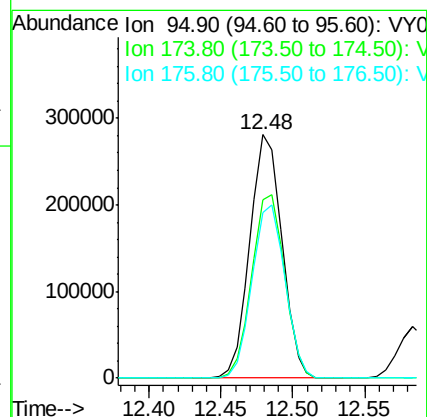
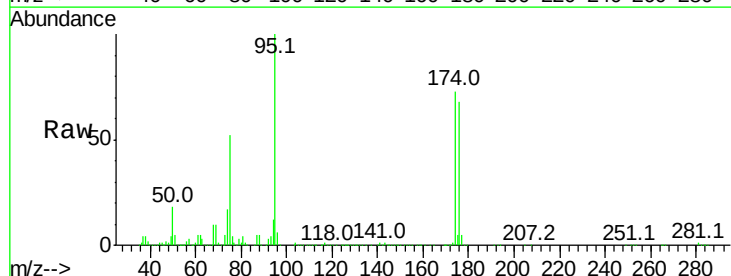
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

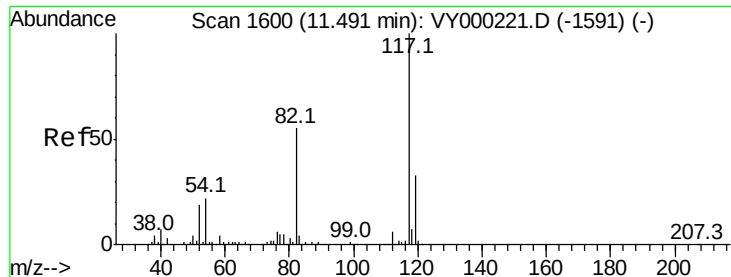
Tgt Ion: 107 Resp: 433780
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 110.714 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 95 Resp: 433268
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 188.4
 176 73.1 0.0 182.8

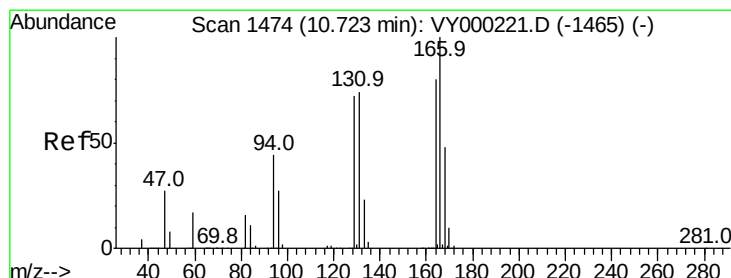
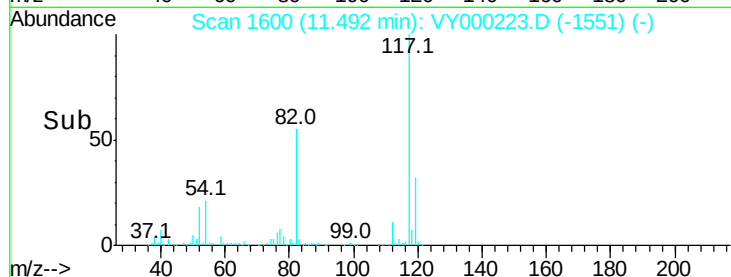
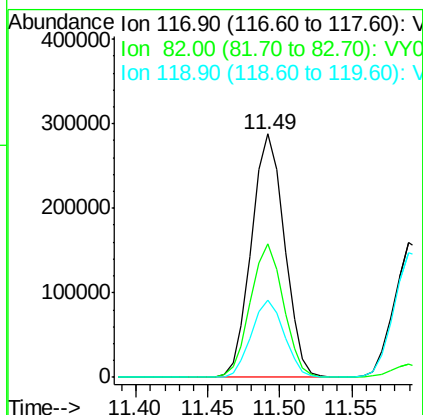
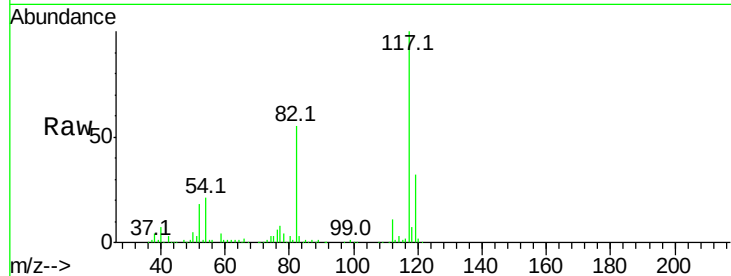




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

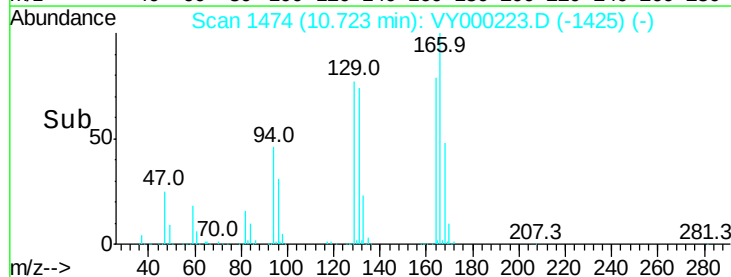
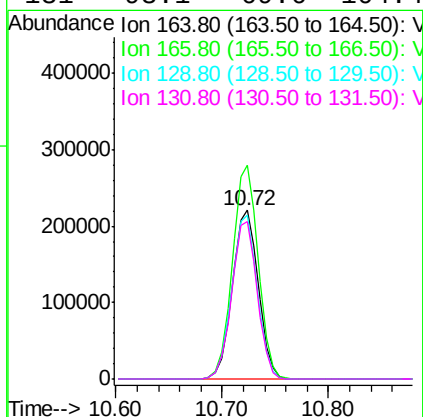
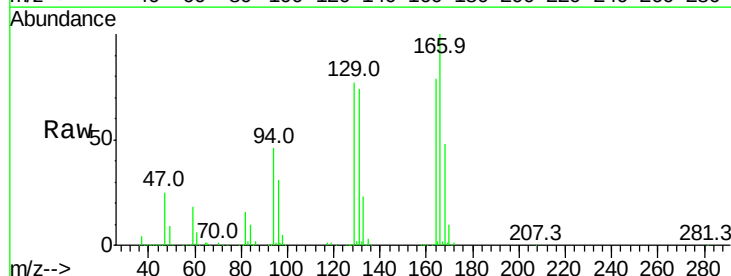
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

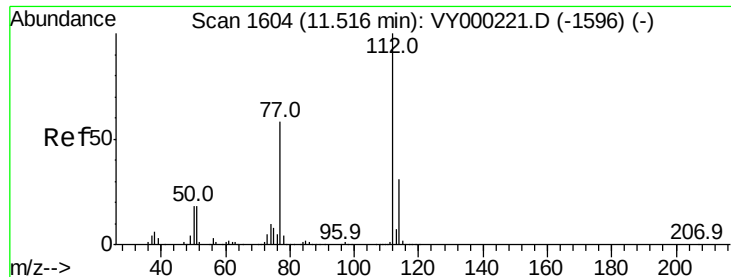
Tgt Ion:117 Resp: 456916
Ion Ratio Lower Upper
117 100
82 55.1 39.4 59.2
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 92.518 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion:164 Resp: 375428
Ion Ratio Lower Upper
164 100
166 126.6 98.4 147.6
129 96.9 68.6 103.0
131 93.1 69.6 104.4

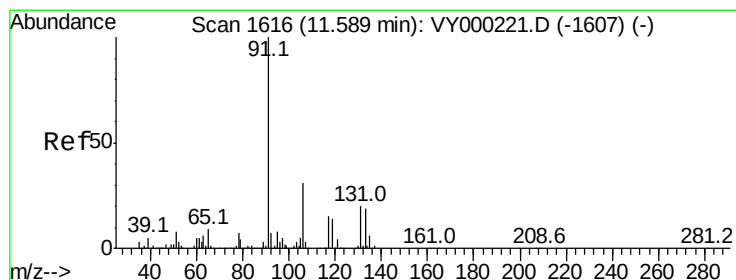
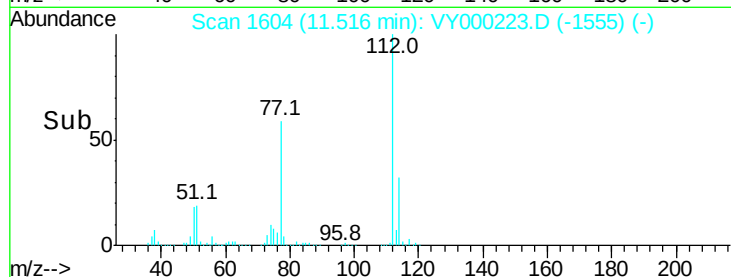
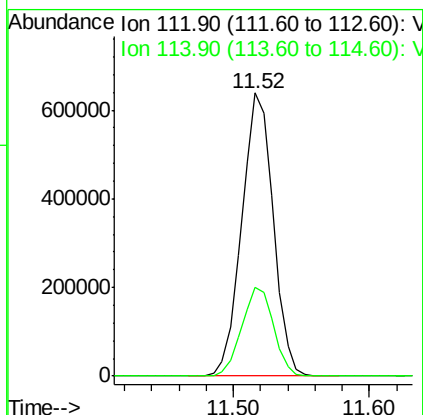
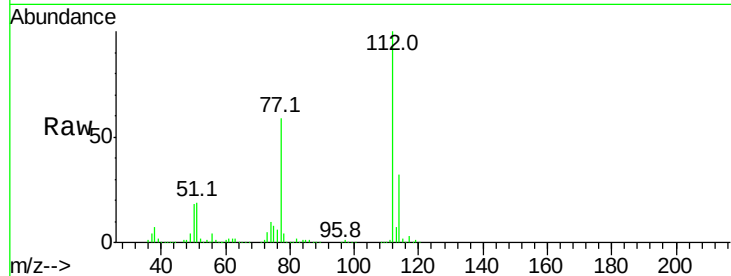




#65
Chlorobenzene
Concen: 115.951 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

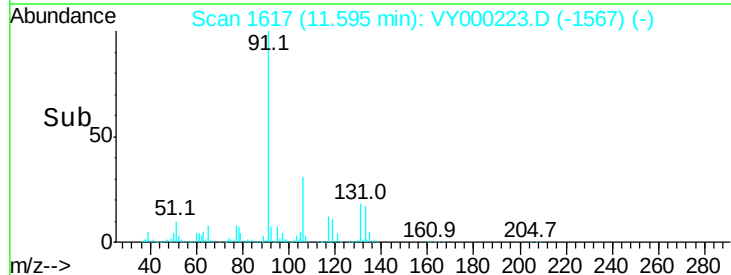
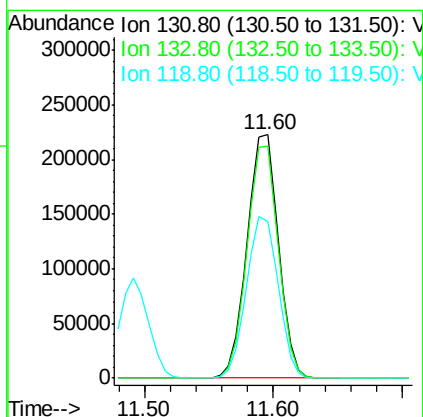
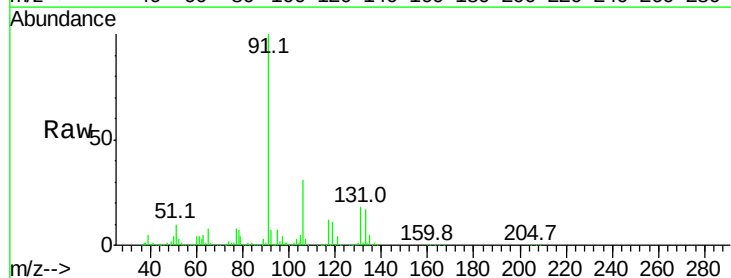
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

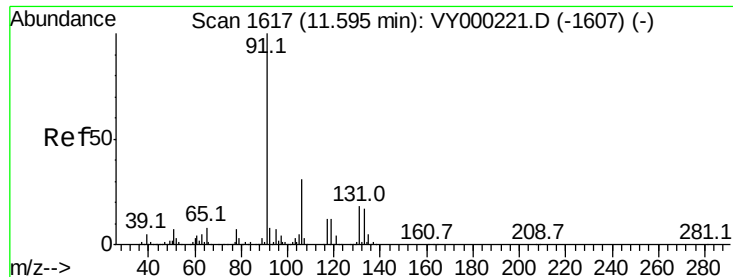
Tgt Ion:112 Resp: 1031829
Ion Ratio Lower Upper
112 100
114 31.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 112.114 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion:131 Resp: 374047
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 67.3 31.4 94.3





#67

Ethyl Benzene

Concen: 125.592 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

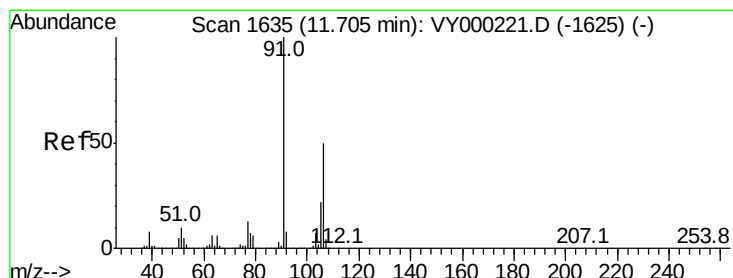
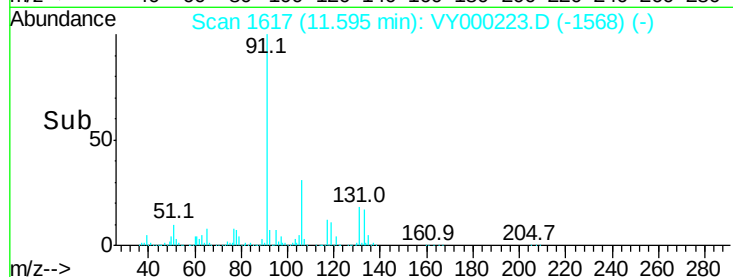
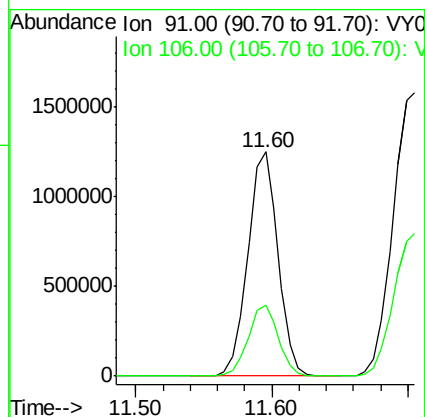
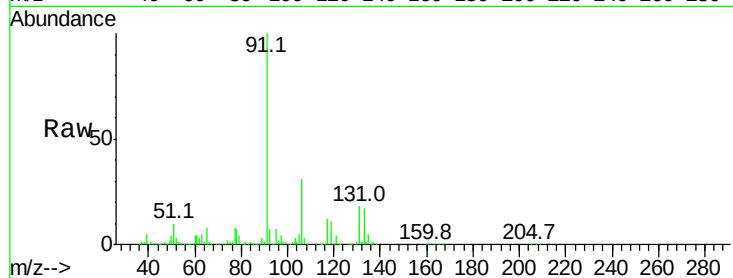
VSTDIC100

Tgt Ion: 91 Resp: 1929320

Ion Ratio Lower Upper

91 100

106 31.5 26.9 40.3



#68

m/p-Xylenes

Concen: 240.740 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000223.D

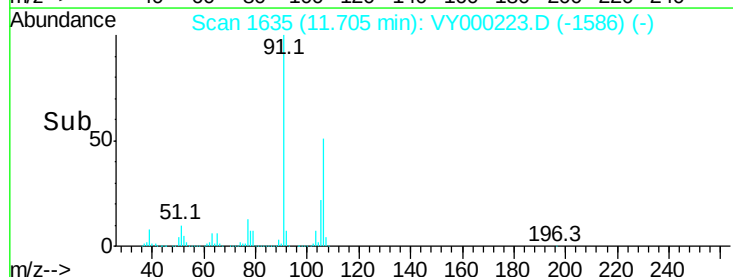
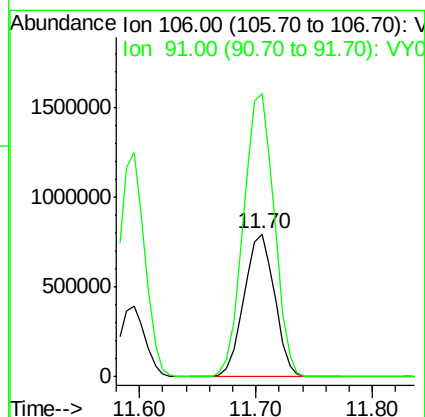
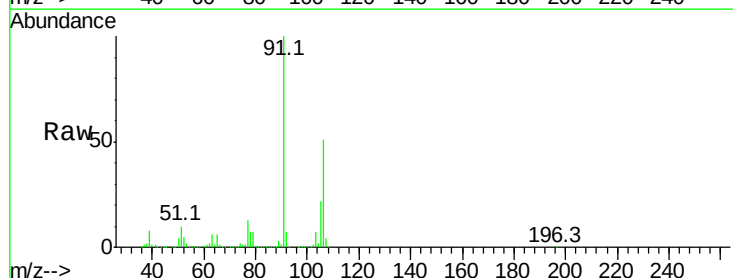
Acq: 08 Oct 2019 14:29

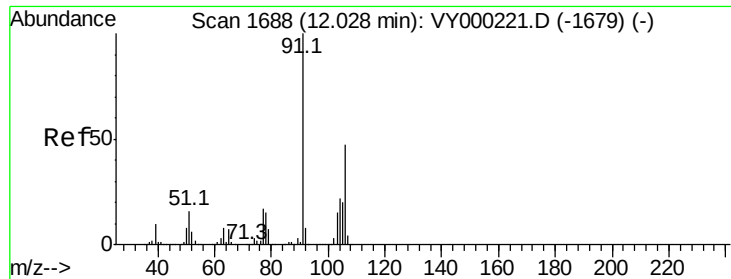
Tgt Ion: 106 Resp: 1458194

Ion Ratio Lower Upper

106 100

91 199.6 153.0 229.6

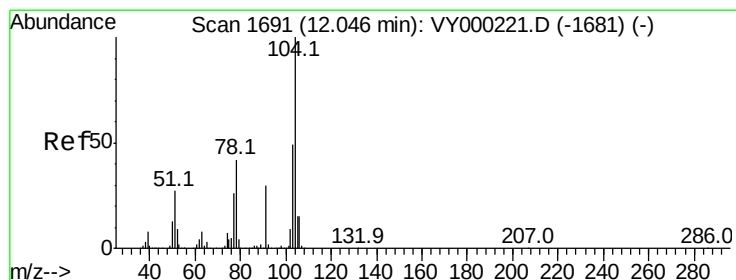
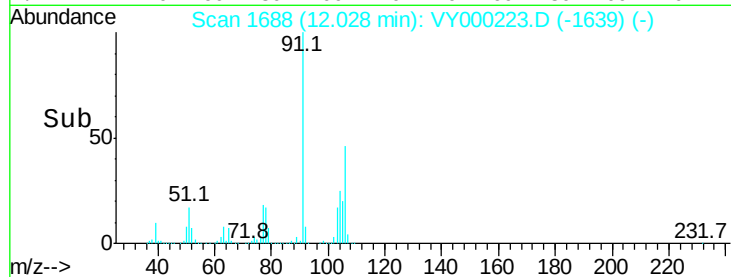
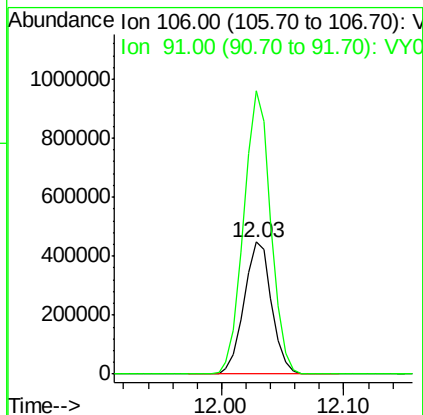
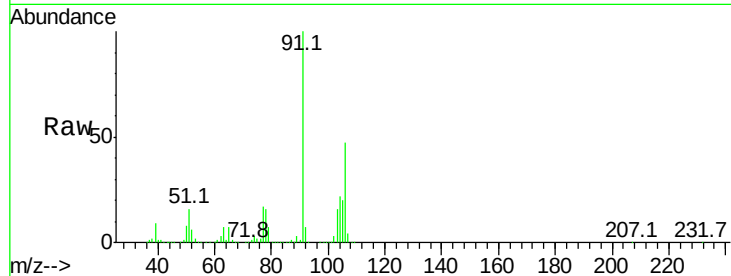




#69
o-Xylene
Concen: 117.364 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

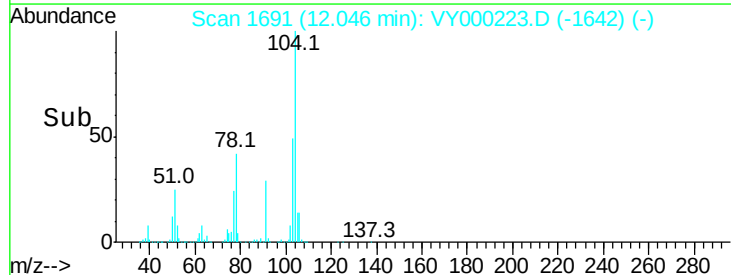
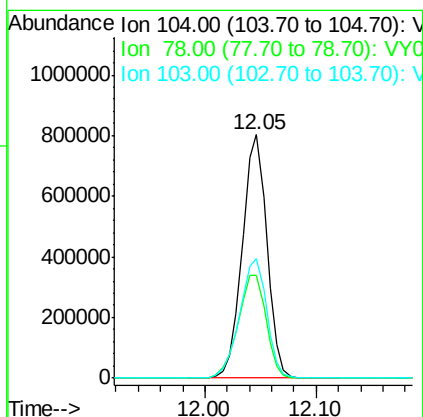
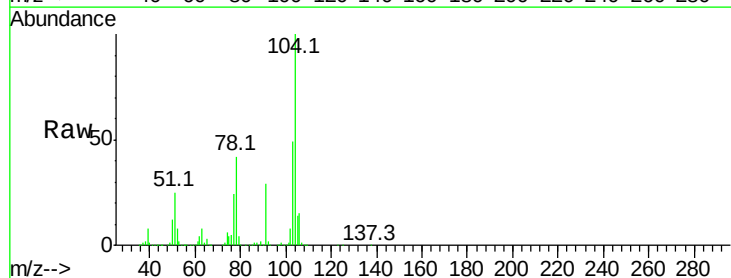
Instrument :
MSVOA_Y
ClientSampled :
VSTDICC100

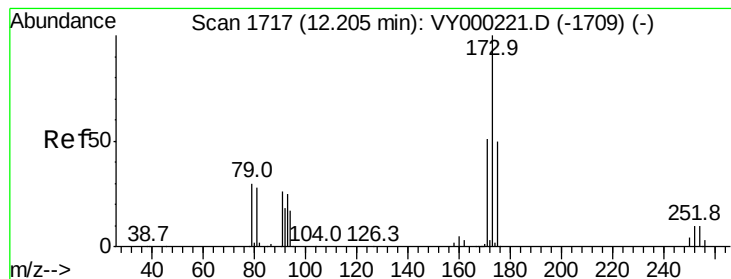
Tgt Ion:106 Resp: 699787
Ion Ratio Lower Upper
106 100
91 210.4 100.8 302.6



#70
Styrene
Concen: 124.330 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion:104 Resp: 1227315
Ion Ratio Lower Upper
104 100
78 48.2 35.6 53.4
103 53.9 42.2 63.4





#71

Bromoform

Concen: 109.145 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

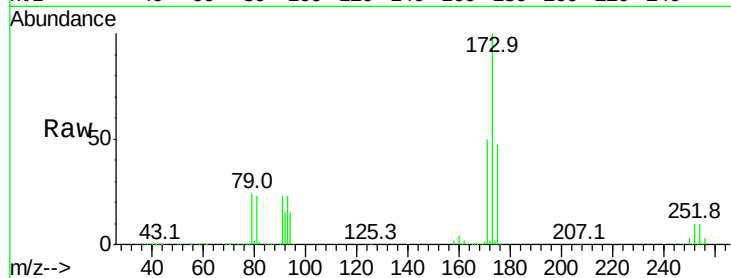
Tgt Ion:173 Resp: 320951

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

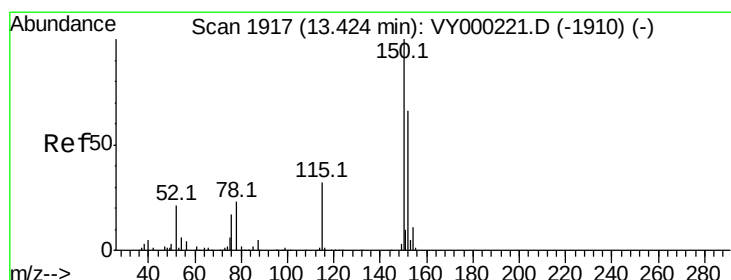
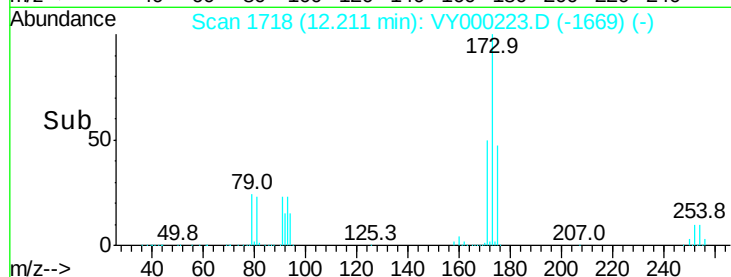
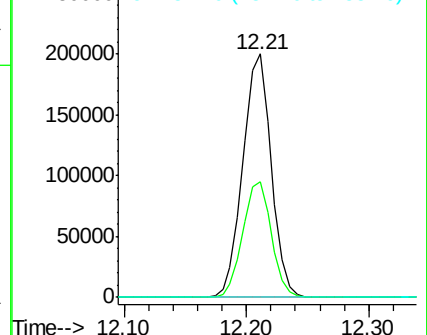
254 0.1 0.0 0.0#



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. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

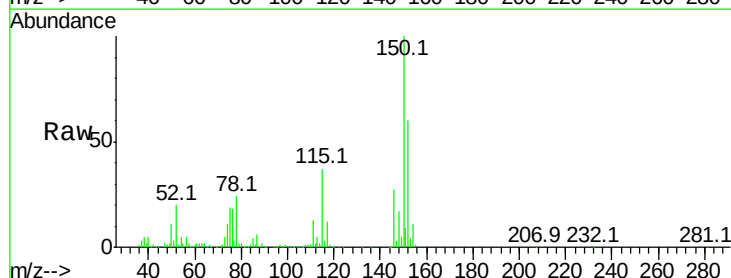
Tgt Ion:152 Resp: 211417

Ion Ratio Lower Upper

152 100

115 60.4 26.0 78.0

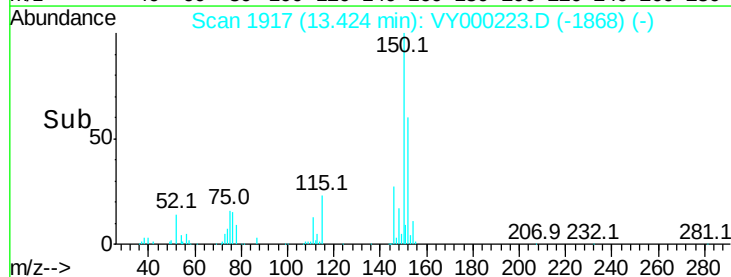
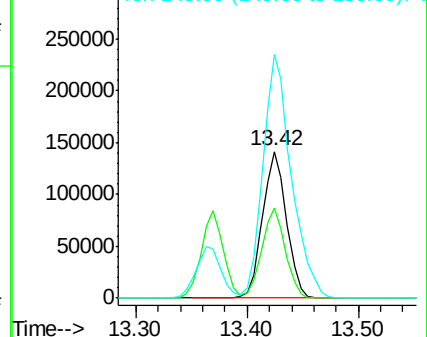
150 197.5 0.0 332.8

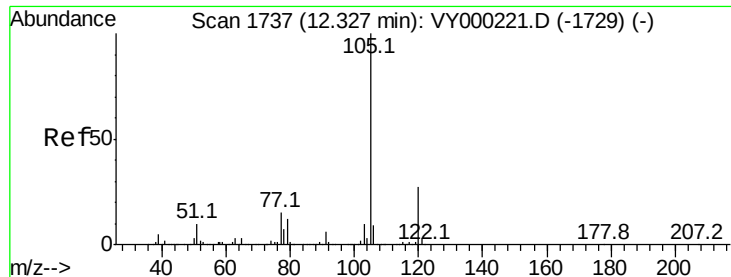


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 131.188 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

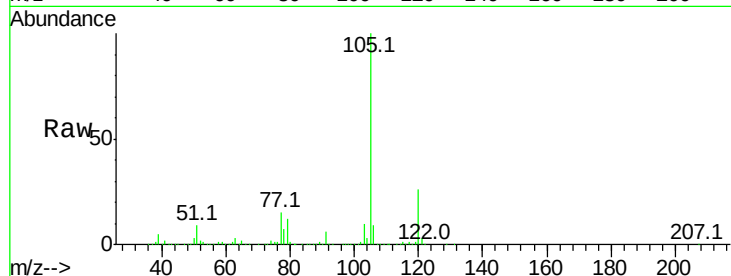
VSTDIC100

Tgt Ion:105 Resp: 1849775

Ion Ratio Lower Upper

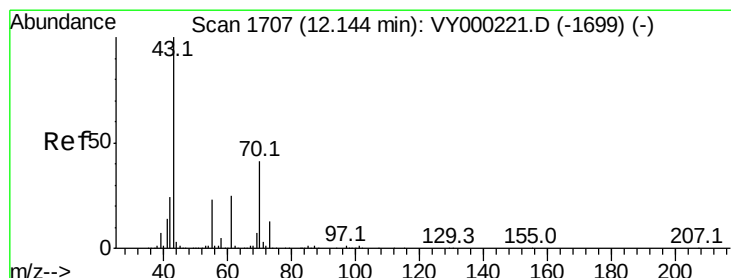
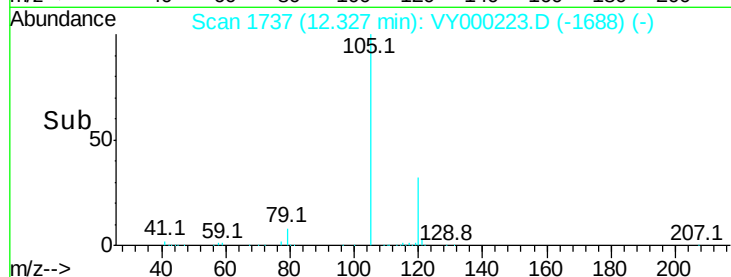
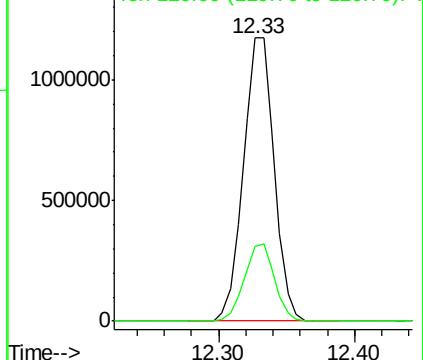
105 100

120 26.9 14.4 43.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 171.789 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion: 43 Resp: 937685

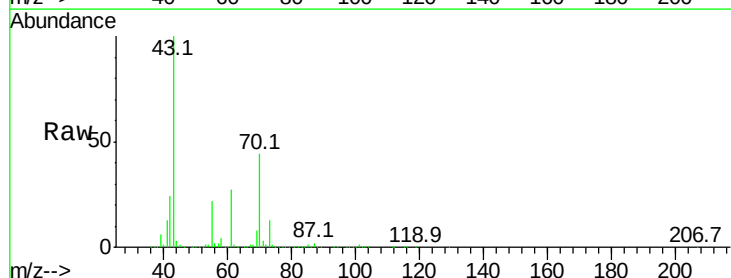
Ion Ratio Lower Upper

43 100

70 45.1 37.4 56.2

55 23.2 18.6 27.8

61 26.1 21.0 31.4

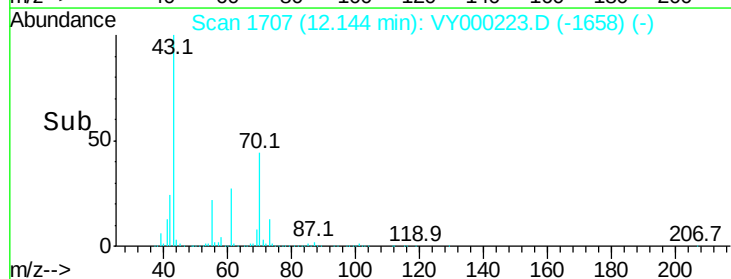
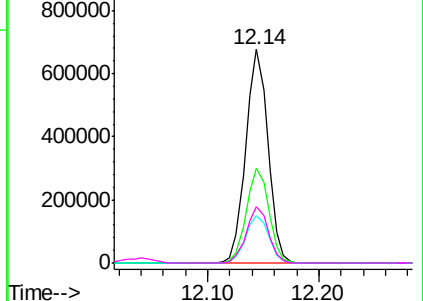


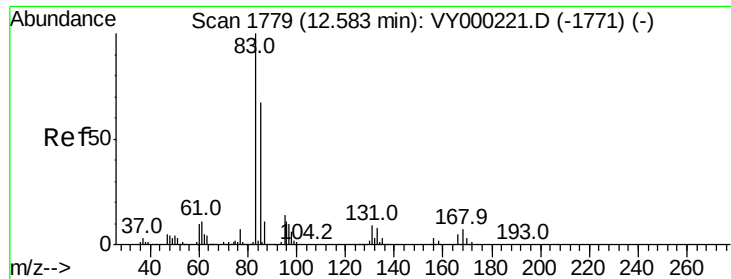
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 140.911 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

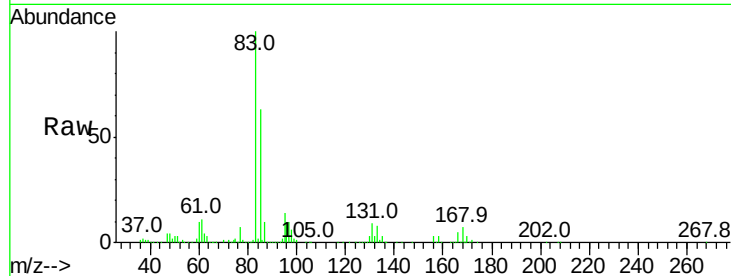
Tgt Ion: 83 Resp: 631915

Ion Ratio Lower Upper

83 100

131 9.3 5.9 17.6

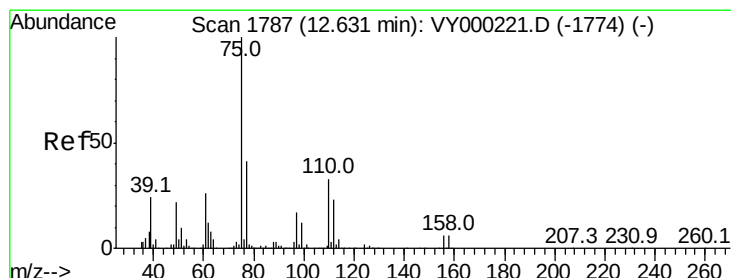
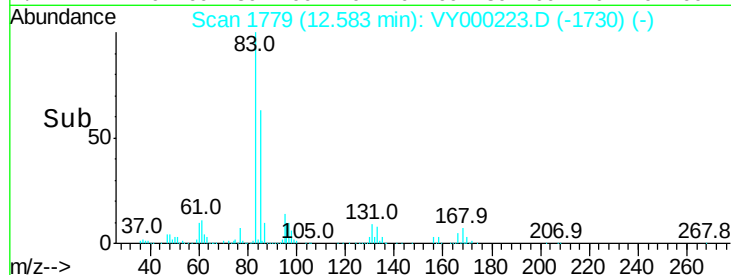
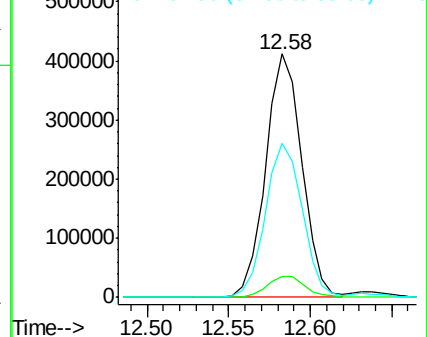
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY000223.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000223.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000223.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 157.409 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000223.D

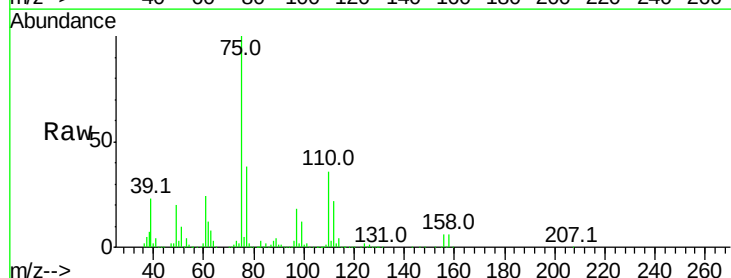
Acq: 08 Oct 2019 14:29

Tgt Ion: 75 Resp: 959260

Ion Ratio Lower Upper

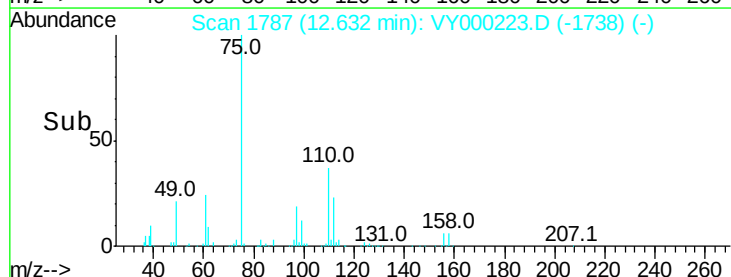
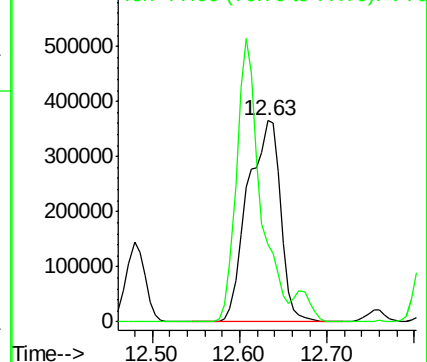
75 100

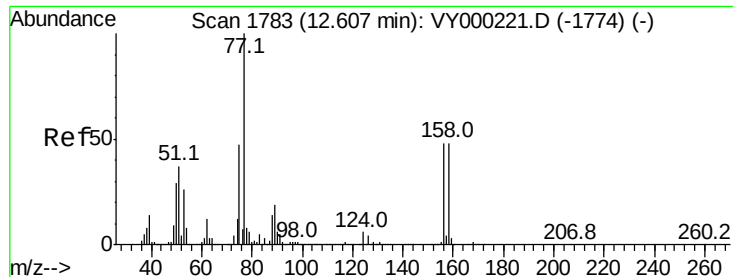
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000223.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000223.D (-1738) (-)





#77

Bromobenzene

Concen: 110.752 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

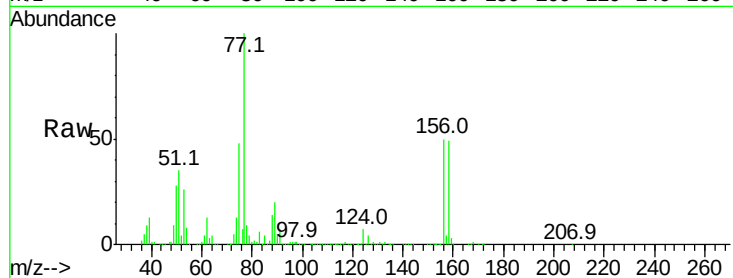
Tgt Ion:156 Resp: 409521

Ion Ratio Lower Upper

156 100

77 240.1 93.3 279.8

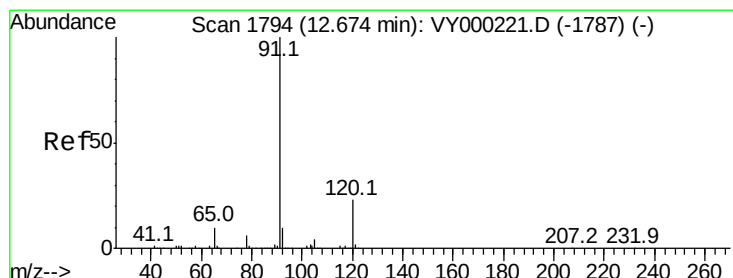
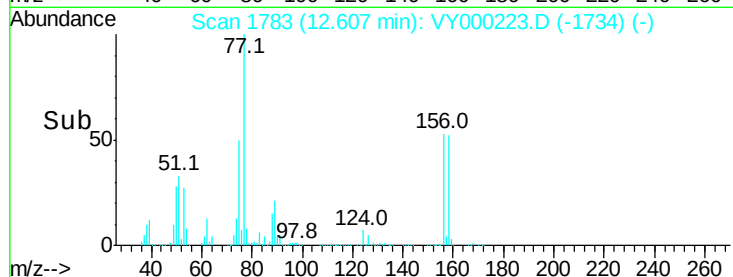
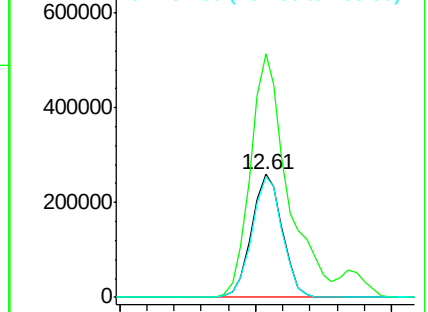
158 97.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.466 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000223.D

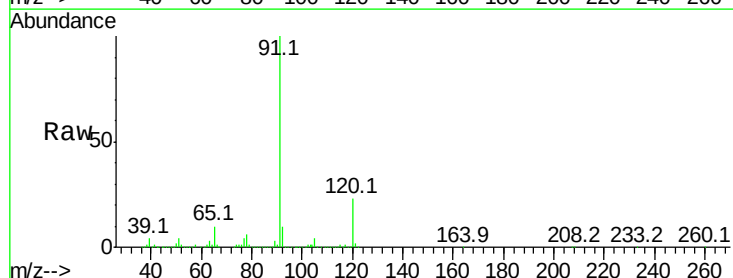
Acq: 08 Oct 2019 14:29

Tgt Ion: 91 Resp: 2175064

Ion Ratio Lower Upper

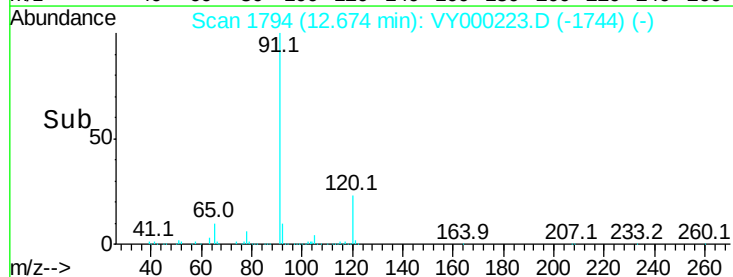
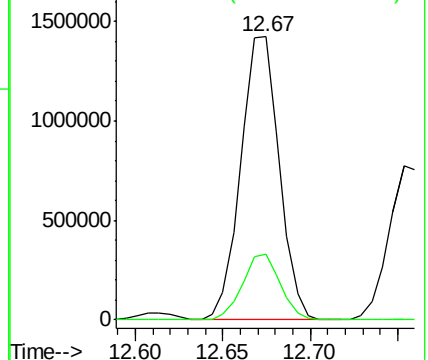
91 100

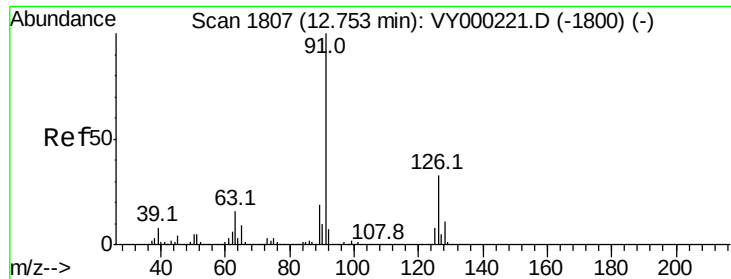
120 22.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

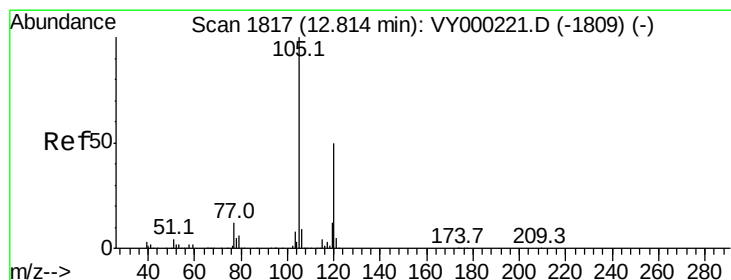
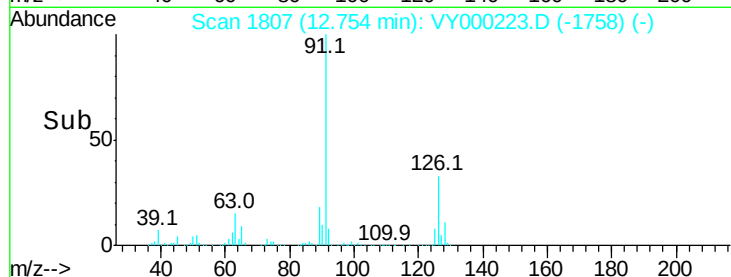
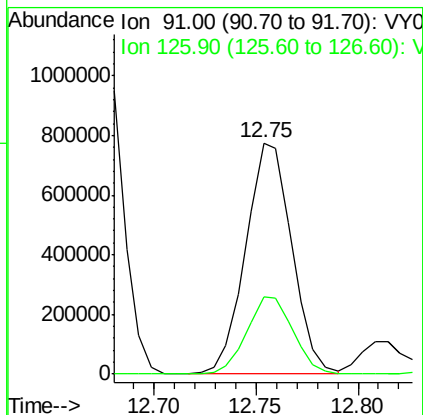
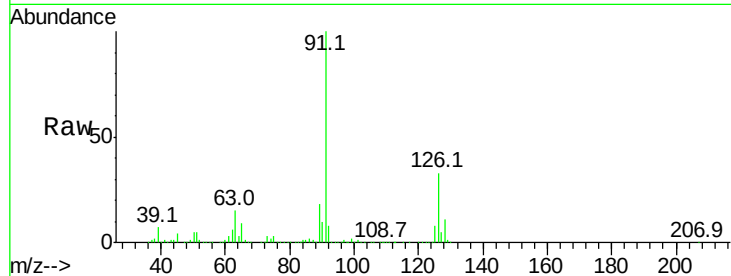




#79
 2-Chlorotoluene
 Concen: 134.456 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

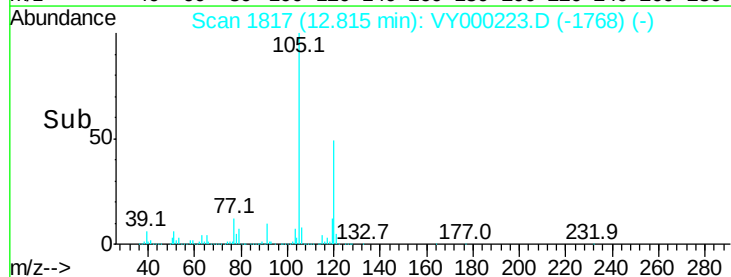
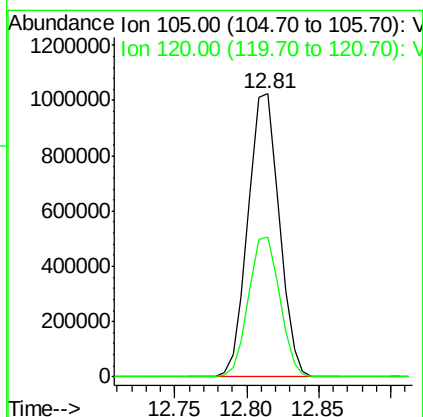
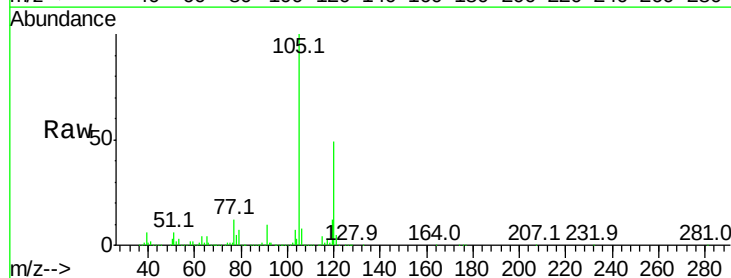
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

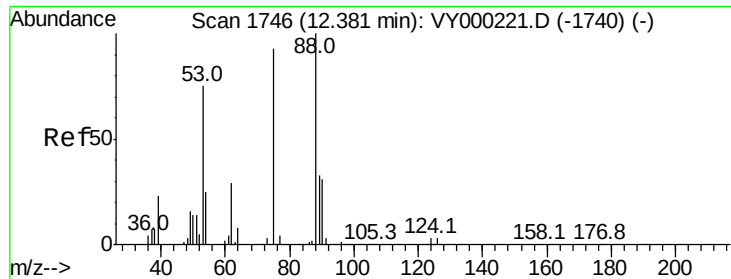
Tgt Ion: 91 Resp: 1220566
 Ion Ratio Lower Upper
 91 100
 126 33.5 18.9 56.7



#80
 1,3,5-Trimethylbenzene
 Concen: 129.578 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion: 105 Resp: 1536512
 Ion Ratio Lower Upper
 105 100
 120 49.5 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 157.929 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

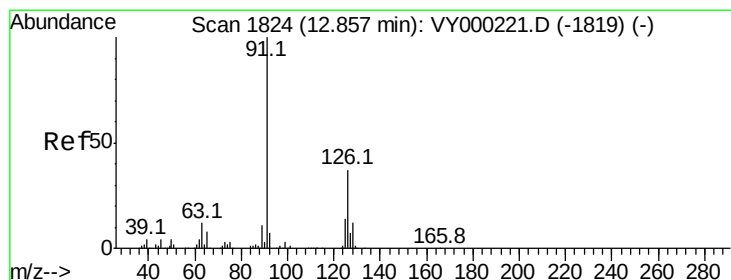
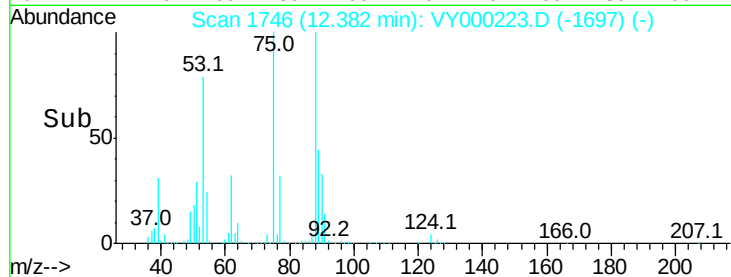
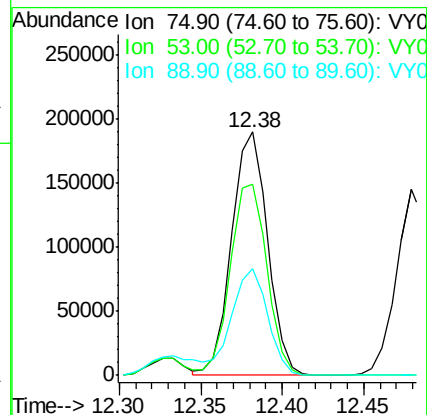
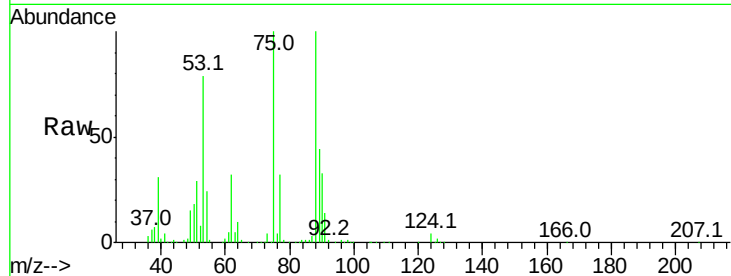
Tgt Ion: 75 Resp: 289573

Ion Ratio Lower Upper

75 100

53 81.0 68.1 102.1

89 44.5 40.6 61.0



#82

4-Chlorotoluene

Concen: 137.408 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000223.D

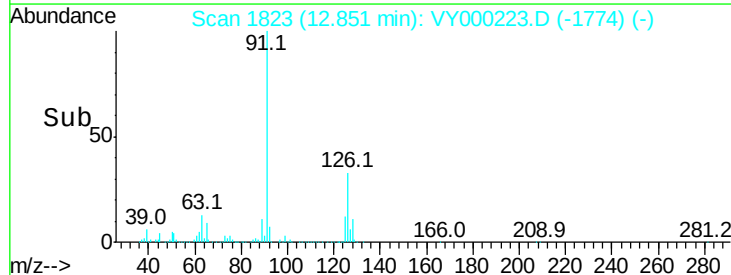
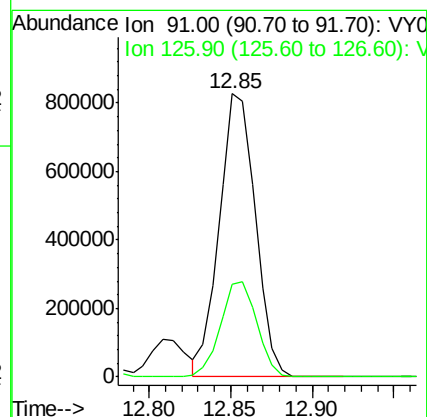
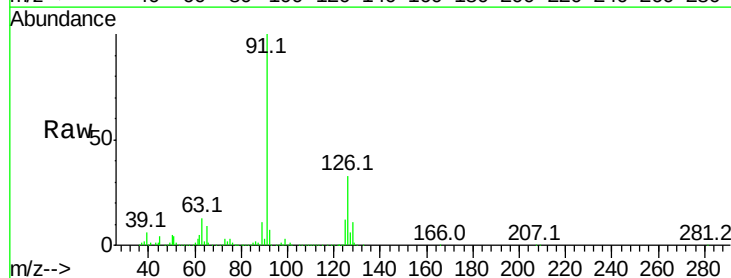
Acq: 08 Oct 2019 14:29

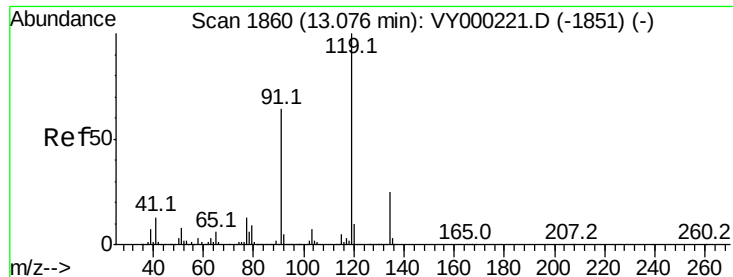
Tgt Ion: 91 Resp: 1275390

Ion Ratio Lower Upper

91 100

126 34.0 18.9 56.9





#83

tert-Butylbenzene

Concen: 120.778 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

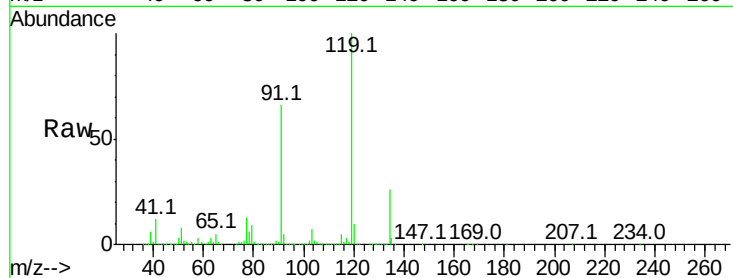
Tgt Ion:119 Resp: 1294579

Ion Ratio Lower Upper

119 100

91 65.0 30.4 91.3

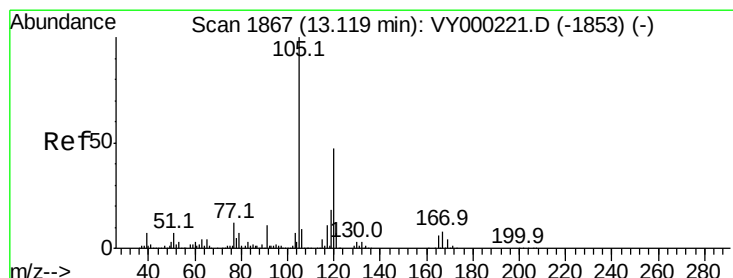
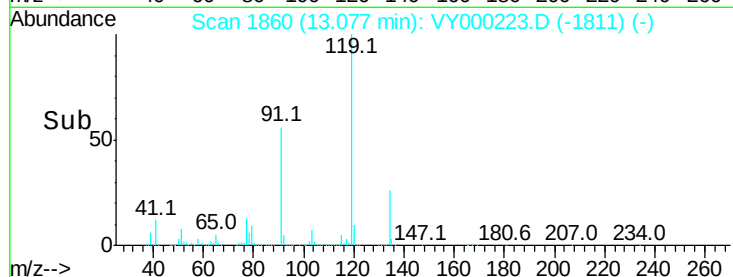
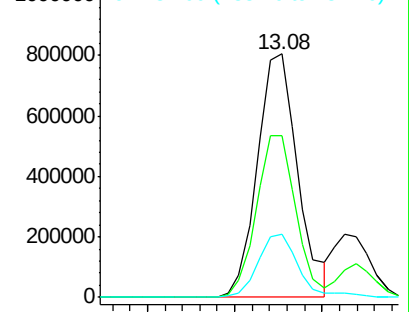
134 26.4 13.7 41.0



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: 130.390 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000223.D

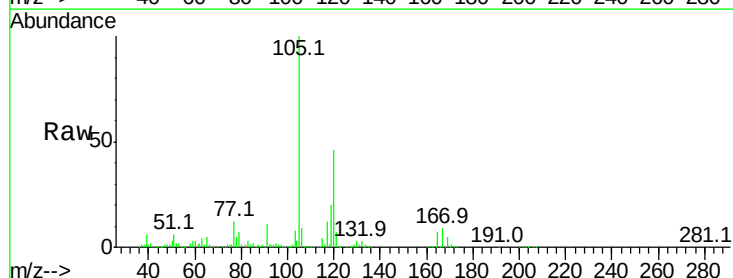
Acq: 08 Oct 2019 14:29

Tgt Ion:105 Resp: 1533155

Ion Ratio Lower Upper

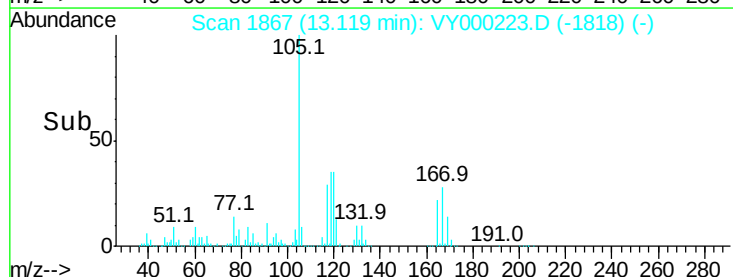
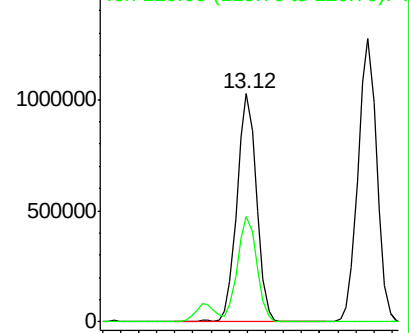
105 100

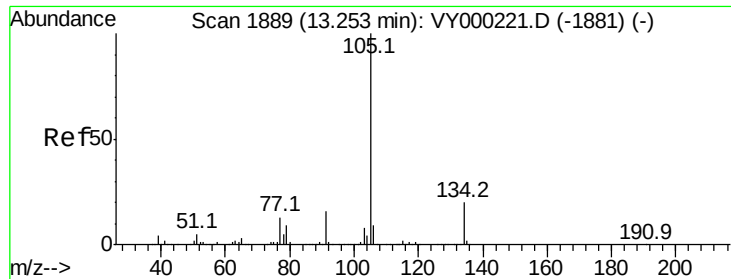
120 45.3 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 126.443 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

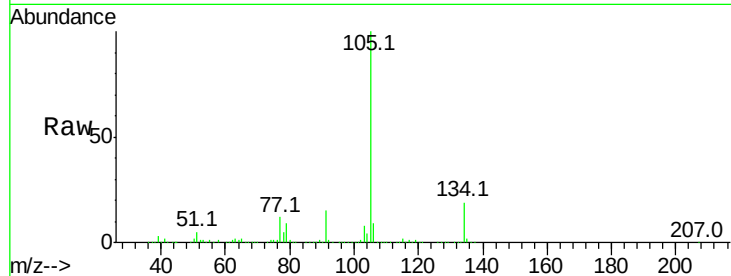
VSTDICC100

Tgt Ion:105 Resp: 1836051

Ion Ratio Lower Upper

105 100

134 19.5 11.0 33.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

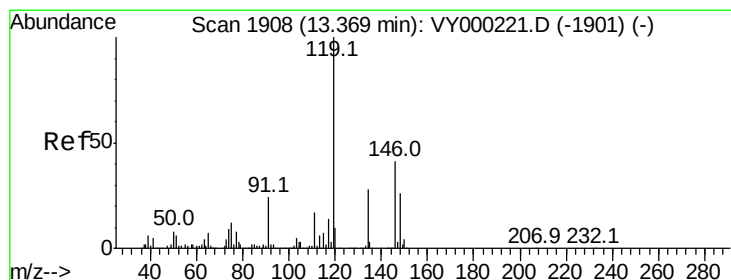
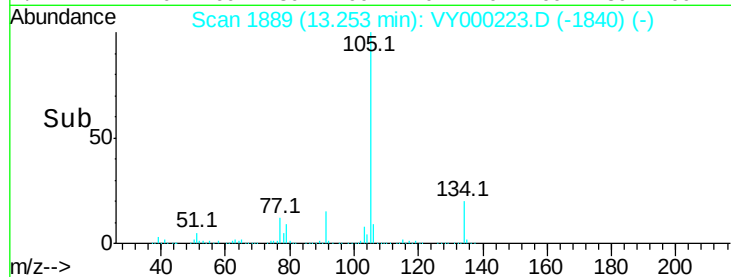
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 123.282 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

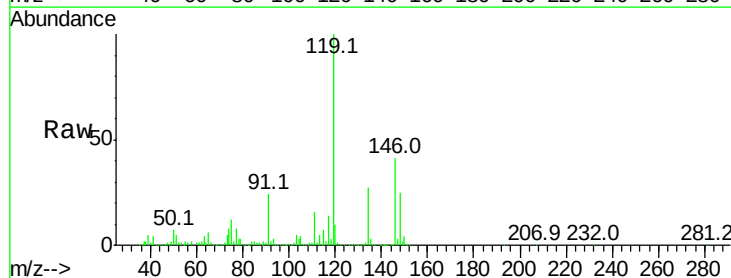
Tgt Ion:119 Resp: 1626062

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 23.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

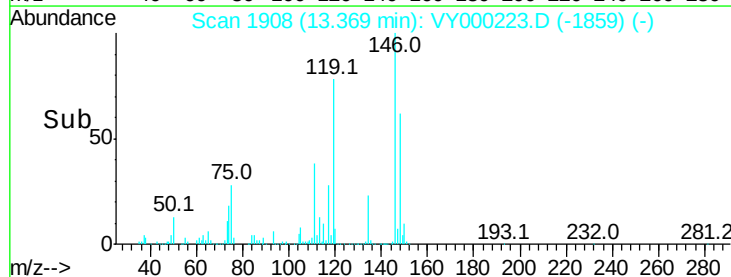
1500000

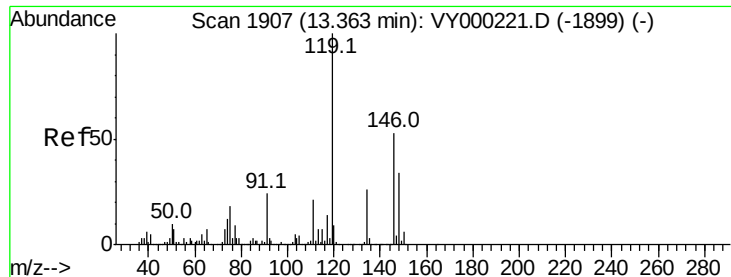
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 112.535 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

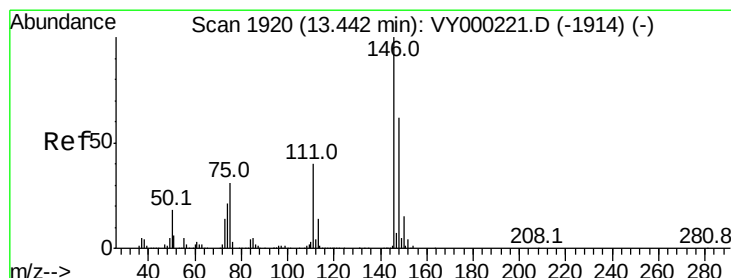
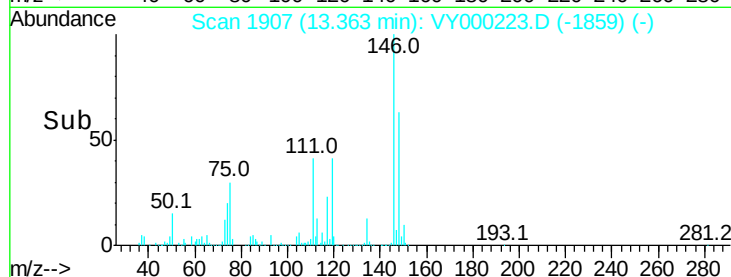
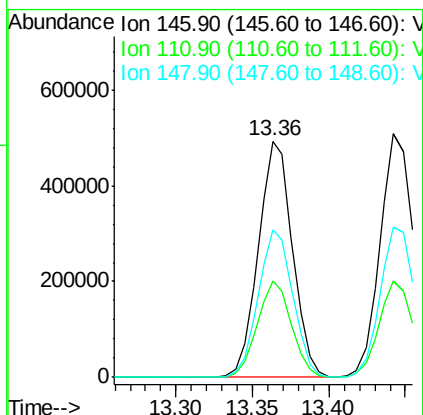
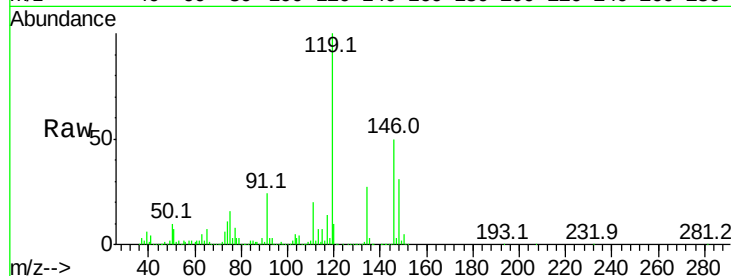
Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 766435

Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.0	54.0
148	63.2	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 113.380 ug/l

RT: 13.44 min Scan# 1920

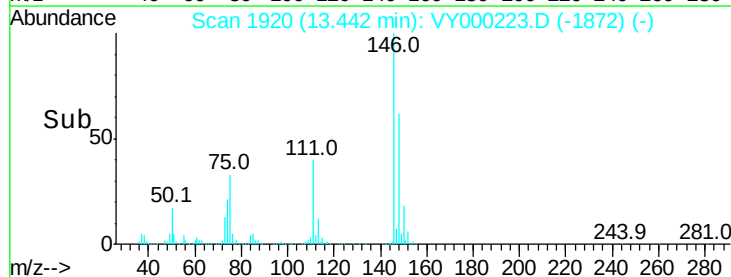
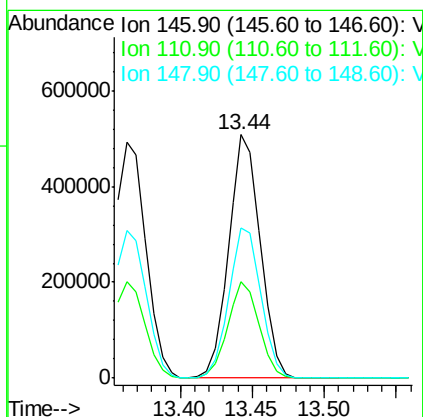
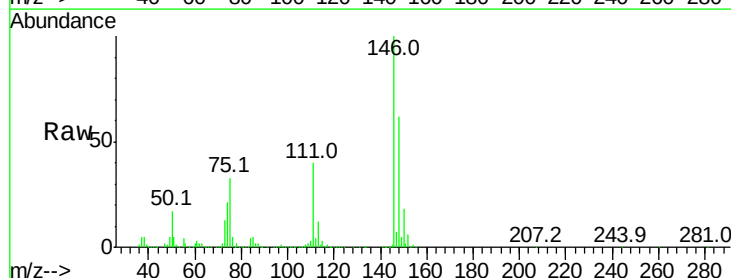
Delta R.T. -0.01 min

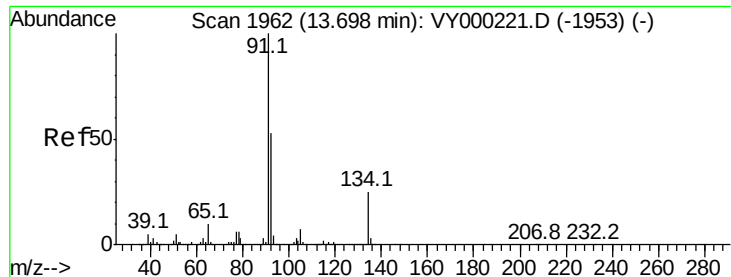
Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Tgt Ion:146 Resp: 778299

Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.1	54.1
148	63.0	31.9	95.7





#89

n-Butylbenzene

Concen: 137.682 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

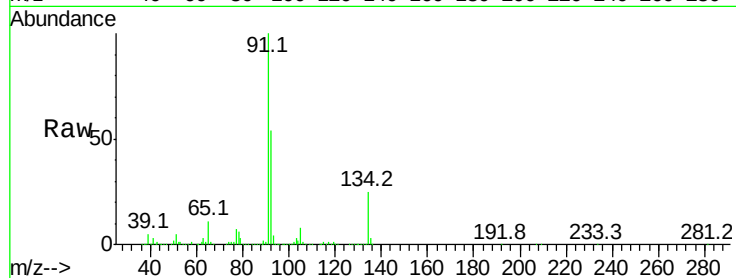
Tgt Ion: 91 Resp: 1594101

Ion Ratio Lower Upper

91 100

92 54.1 27.0 81.0

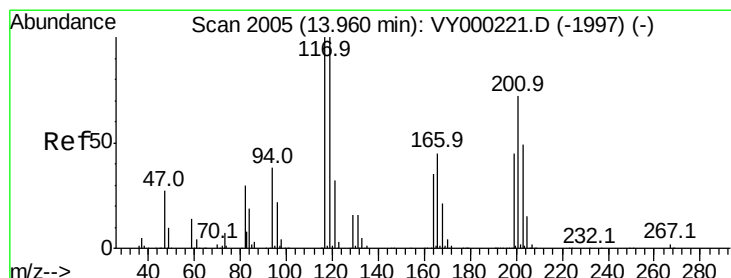
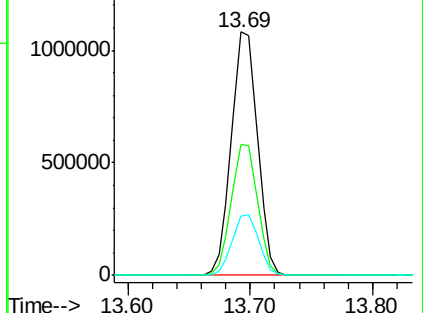
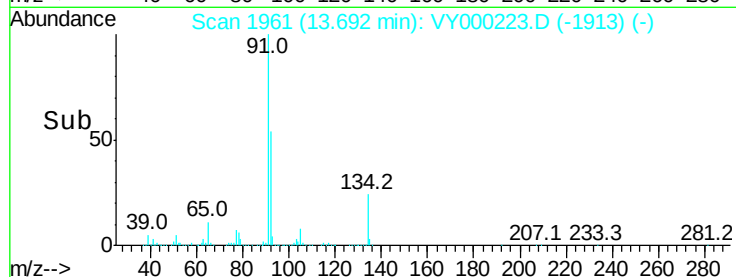
134 25.1 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VY000223.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY000223.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY000223.D (-1913) (-)



#90

Hexachloroethane

Concen: 124.913 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000223.D

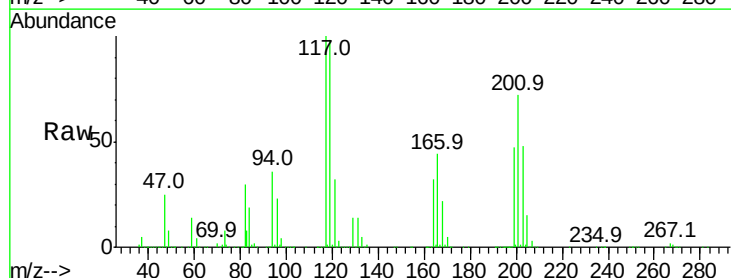
Acq: 08 Oct 2019 14:29

Tgt Ion: 117 Resp: 310140

Ion Ratio Lower Upper

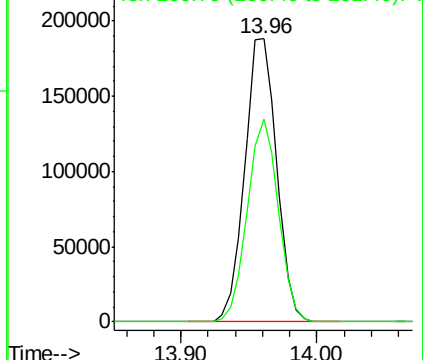
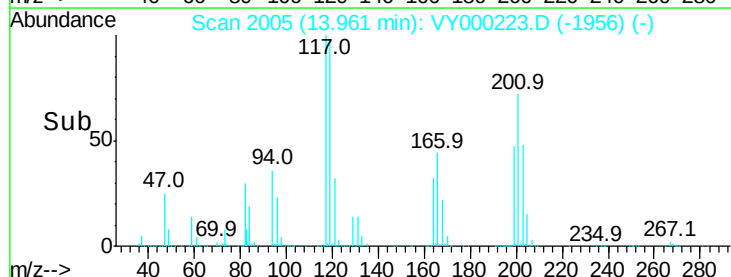
117 100

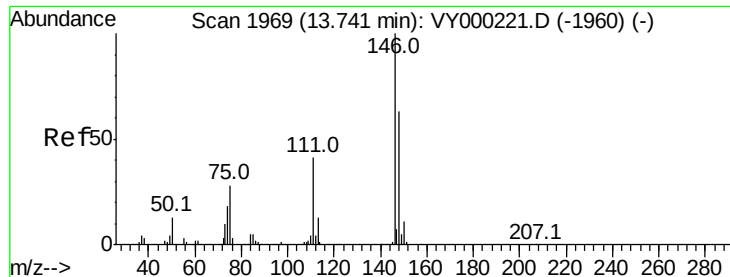
201 69.8 41.2 123.6



Abundance Ion 116.80 (116.50 to 117.50): VY000223.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000223.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 113.158 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

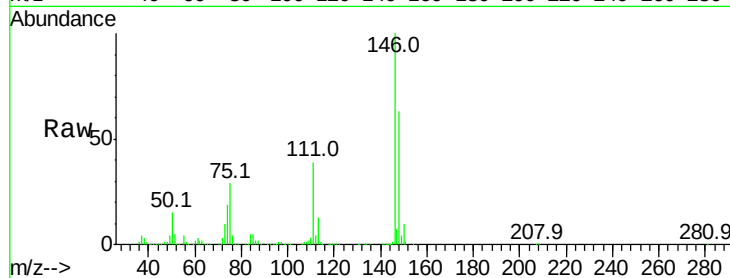
Tgt Ion:146 Resp: 748991

Ion Ratio Lower Upper

146 100

111 41.1 19.5 58.5

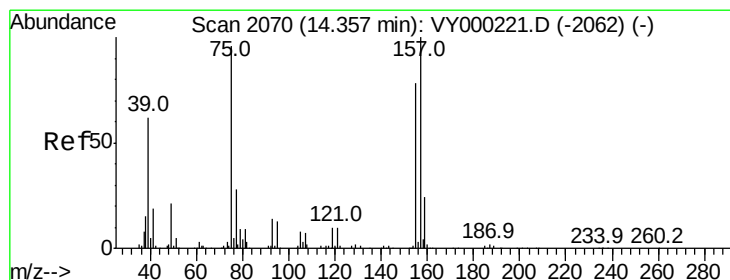
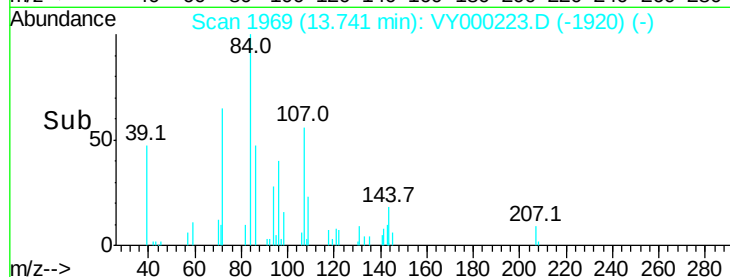
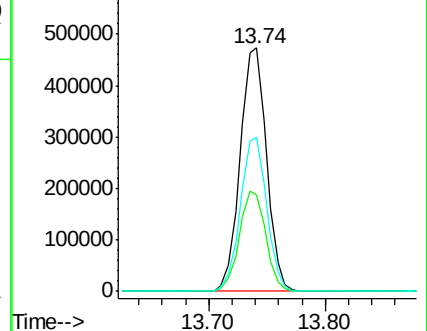
148 63.2 31.4 94.3



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: 141.235 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000223.D

Acq: 08 Oct 2019 14:29

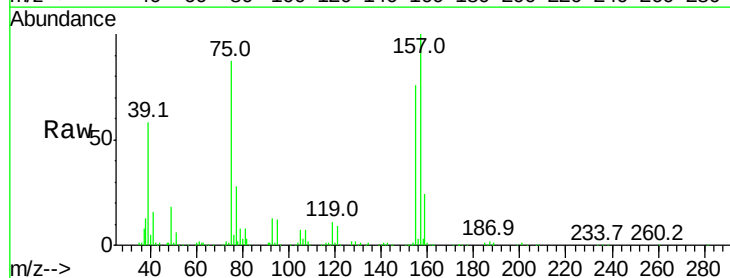
Tgt Ion: 75 Resp: 206498

Ion Ratio Lower Upper

75 100

155 87.9 52.0 156.0

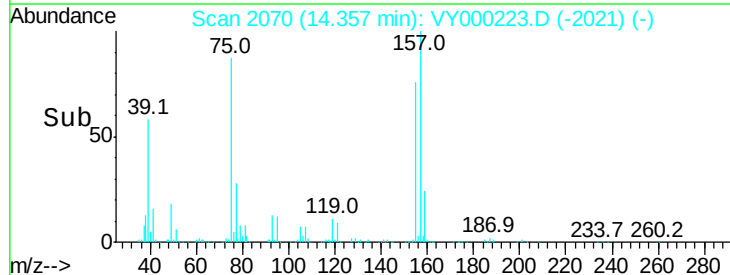
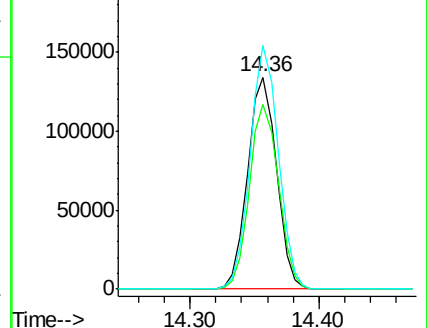
157 112.5 65.8 197.3

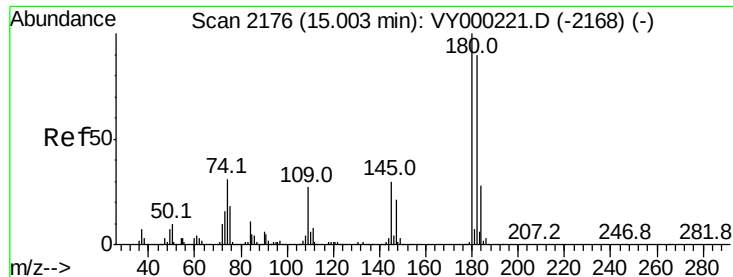


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

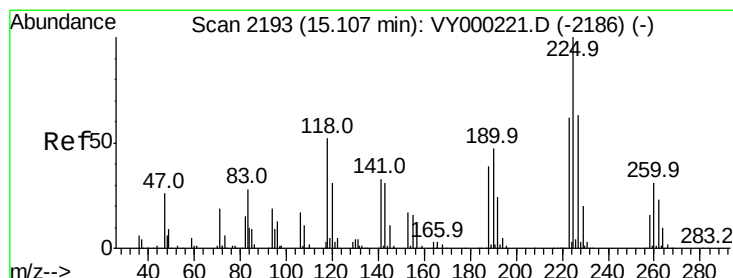
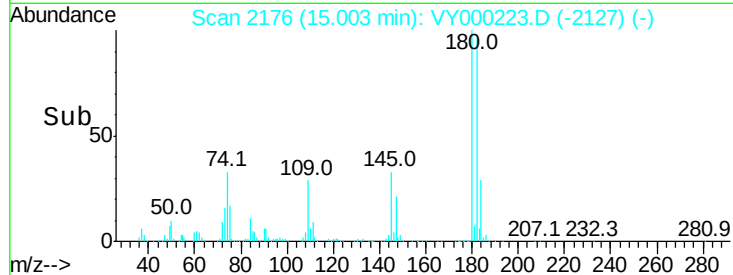
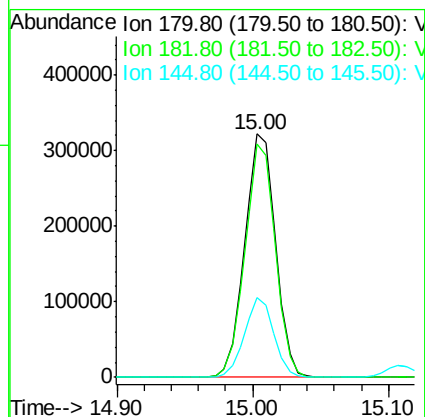
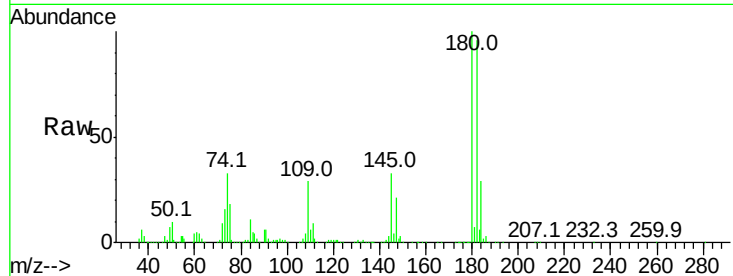




#93
 1,2,4-Trichlorobenzene
 Concen: 106.992 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

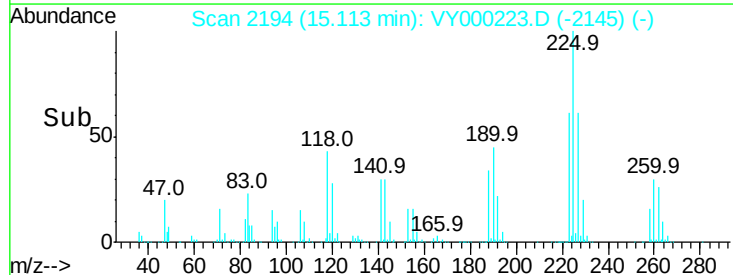
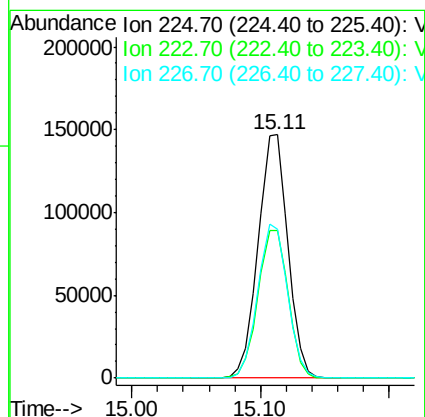
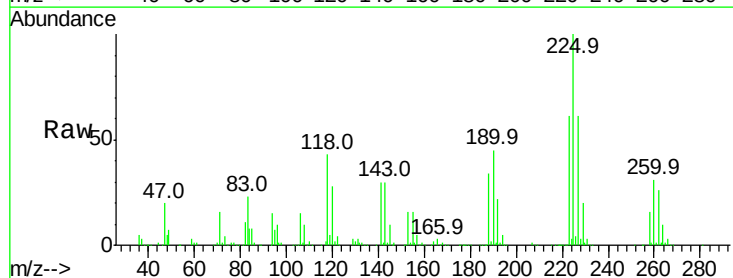
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

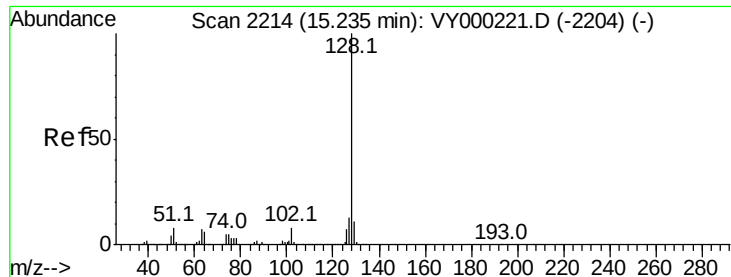
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	31.3	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 92.063 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000223.D
 Acq: 08 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.5
227	63.3	32.5	97.5

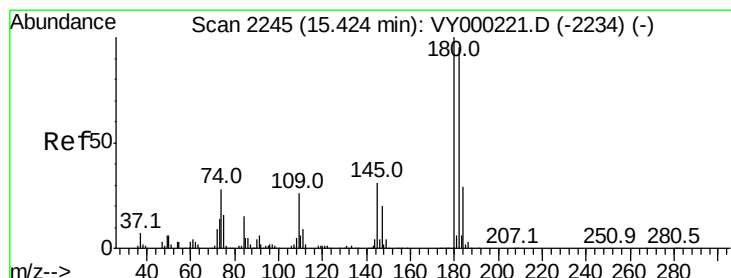
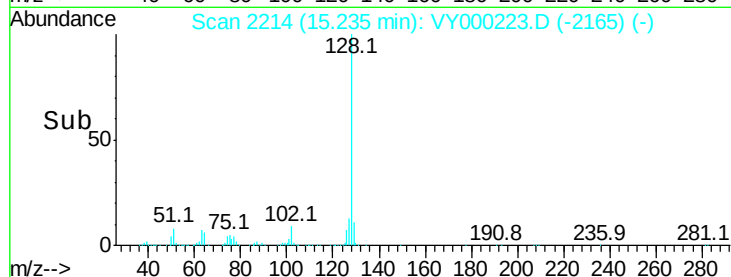
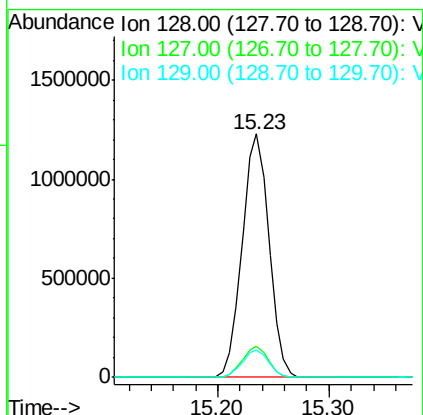
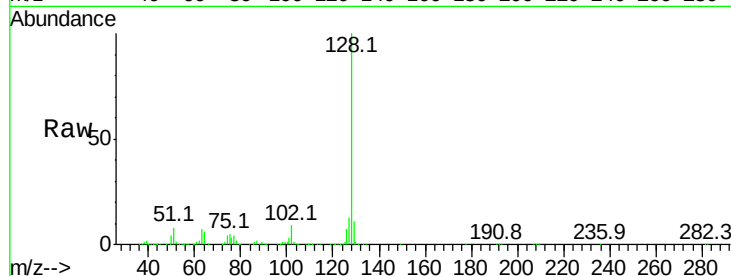




#95
Naphthalene
Concen: 127.383 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2048771
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 107.314 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000223.D
Acq: 08 Oct 2019 14:29

Tgt Ion:180 Resp: 509643
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 32.8 14.9 44.9

