

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000188.D
 Acq On : 03 Oct 2019 17:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Quant Time: Oct 04 06:08:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 06:00:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	460928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	704215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	631641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	323113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	239367	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.73	113	216485	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	10.18	98	833000	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.48	95	296949	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	200757	51.289	ug/l	95
3) Chloromethane	2.11	50	245543	53.327	ug/l	100
4) Vinyl Chloride	2.25	62	275262	55.928	ug/l	98
5) Bromomethane	2.62	94	181900	58.147	ug/l	100
6) Chloroethane	2.78	64	167529	53.109	ug/l	97
7) Trichlorofluoromethane	3.12	101	349963	49.694	ug/l	99
8) Diethyl Ether	3.53	74	143129	49.839	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	205099	49.164	ug/l	99
10) Methyl Iodide	4.09	142	361238	47.877	ug/l	100
11) Tert butyl alcohol	4.97	59	607966	249.870	ug/l	100
12) 1,1-Dichloroethene	3.87	96	217850	49.851	ug/l	97
13) Acrolein	3.73	56	242389	243.682	ug/l	99
14) Allyl chloride	4.48	41	303076	52.755	ug/l	96
15) Acrylonitrile	5.18	53	1030726	259.494	ug/l	99
16) Acetone	3.95	43	862432	267.393	ug/l	98
17) Carbon Disulfide	4.19	76	629459	53.436	ug/l	98
18) Methyl Acetate	4.48	43	452909	51.704	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	720466	51.197	ug/l	98
20) Methylene Chloride	4.72	84	236965	49.236	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	240284	50.784	ug/l	94
22) Diisopropyl ether	6.13	45	703909	53.600	ug/l	98
23) Vinyl Acetate	6.07	43	3313782	272.100	ug/l	98
24) 1,1-Dichloroethane	6.03	63	384820	51.972	ug/l	99
25) 2-Butanone	7.00	43	1572007	274.038	ug/l	97
26) 2,2-Dichloropropane	6.99	77	352628	46.439	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	271277	50.470	ug/l	98
28) Bromochloromethane	7.35	49	135216	52.720	ug/l	99
29) Tetrahydrofuran	7.36	42	1082740	267.301	ug/l	98
30) Chloroform	7.52	83	409935	50.130	ug/l	98
31) Cyclohexane	7.79	56	356517	48.044	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	368260	50.138	ug/l	99
36) 1,1-Dichloropropene	7.92	75	310230	49.645	ug/l	98
37) Ethyl Acetate	7.08	43	505819	51.672	ug/l	99
38) Carbon Tetrachloride	7.91	117	331659	48.997	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	397573	49.494	ug/l	99
40) Benzene	8.17	78	952733	50.586	ug/l	95
41) Methacrylonitrile	7.35	41	824592	193.971	ug/l #	15
42) 1,2-Dichloroethane	8.25	62	303088	50.460	ug/l	99
43) Isopropyl Acetate	8.28	43	666689	52.269	ug/l	99
44) Trichloroethene	8.94	130	283412	49.093	ug/l	96
45) 1,2-Dichloropropane	9.22	63	225628	50.042	ug/l	97
46) Dibromomethane	9.31	93	168273	49.649	ug/l	97
47) Bromodichloromethane	9.50	83	327093	51.234	ug/l	99
48) Methyl methacrylate	9.30	41	293185	52.206	ug/l	99
49) 1,4-Dioxane	9.30	88	174180	1003.886	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	2552161	269.513	ug/l	100
52) Toluene	10.25	92	622744	50.380	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	379333	51.736	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	395526	49.786	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	249187	52.069	ug/l	98
56) Ethyl methacrylate	10.52	69	412594	52.885	ug/l	98
57) 1,3-Dichloropropane	10.79	76	398571	50.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1007659	270.816	ug/l	99
59) 2-Hexanone	10.84	43	2204236	275.769	ug/l	99
60) Dibromochloromethane	10.99	129	290287	51.449	ug/l	100
61) 1,2-Dibromoethane	11.09	107	269550	50.334	ug/l	99
64) Tetrachloroethene	10.72	164	284210	48.011	ug/l	99
65) Chlorobenzene	11.52	112	672880	49.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	252510	49.343	ug/l	99
67) Ethyl Benzene	11.59	91	1173742	50.255	ug/l	98
68) m/p-Xylenes	11.70	106	939289	100.048	ug/l	99
69) o-Xylene	12.03	106	451846	50.603	ug/l	98
70) Styrene	12.05	104	774366	51.404	ug/l	100
71) Bromoform	12.21	173	238610	52.355	ug/l	99
73) Isopropylbenzene	12.33	105	1167152	49.088	ug/l	100
74) N-amyl acetate	12.14	43	543587	49.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	388614	52.314	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	576958	105.873	ug/l #	100
77) Bromobenzene	12.61	156	302084	49.232	ug/l	96
78) n-propylbenzene	12.67	91	1342342	50.331	ug/l	99
79) 2-Chlorotoluene	12.75	91	772741	50.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	993308	50.343	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	172763	52.105	ug/l #	89
82) 4-Chlorotoluene	12.86	91	798559	50.751	ug/l	99
83) tert-Butylbenzene	13.08	119	868770	49.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	992392	51.090	ug/l	99
85) sec-Butylbenzene	13.25	105	1189282	50.373	ug/l	99
86) p-Isopropyltoluene	13.37	119	1088724	50.581	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	551437	49.205	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	558448	49.402	ug/l	99
89) n-Butylbenzene	13.70	91	973770	51.278	ug/l	100
90) Hexachloroethane	13.96	117	207541	52.123	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	538738	49.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	125471	49.511	ug/l	100

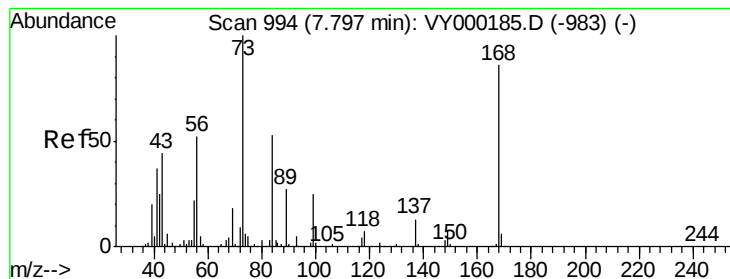
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
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Quant Title : SW846 8260
QLast Update : Fri Oct 04 06:00:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	393441	50.721	ug/l	99
94) Hexachlorobutadiene	15.11	225	192161	49.595	ug/l	97
95) Naphthalene	15.23	128	1382596	50.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	387763	50.599	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

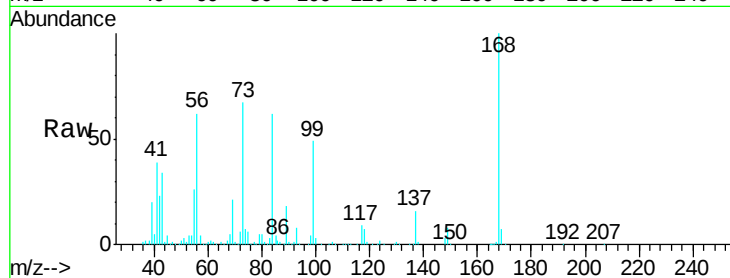
ICVVY100319

Tgt Ion:168 Resp: 460928

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VY000185.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000185.D (-983) (-)

7.80

200000

150000

100000

50000

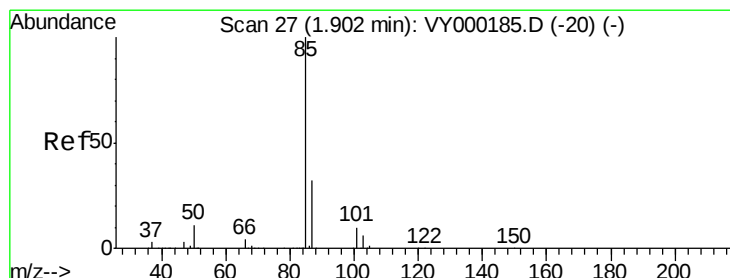
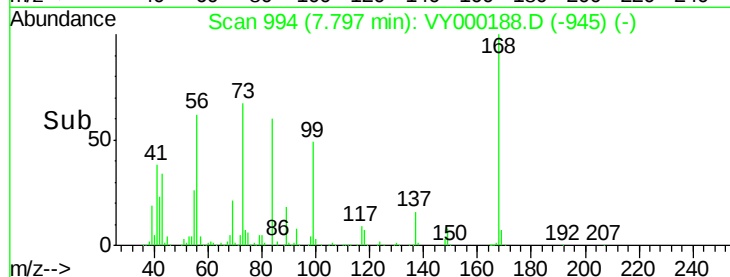
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.289 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000188.D

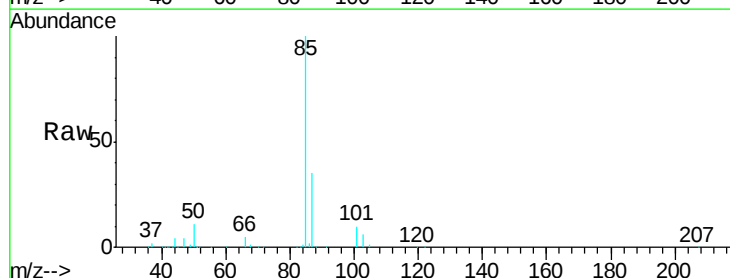
Acq: 03 Oct 2019 17:08

Tgt Ion: 85 Resp: 200757

Ion Ratio Lower Upper

85 100

87 34.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000185.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000185.D (-20) (-)

1.90

100000

50000

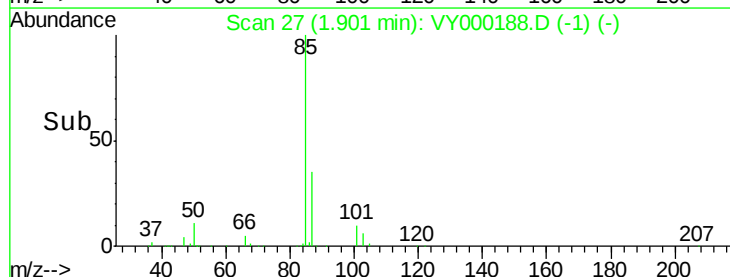
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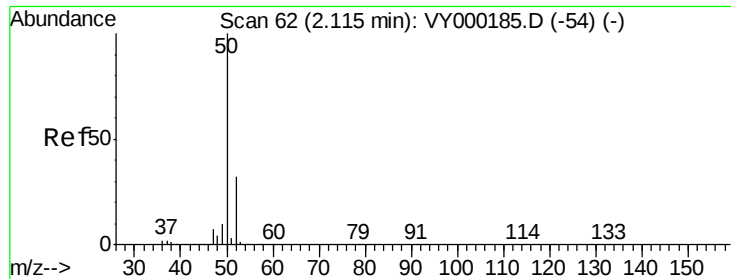
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 53.327 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

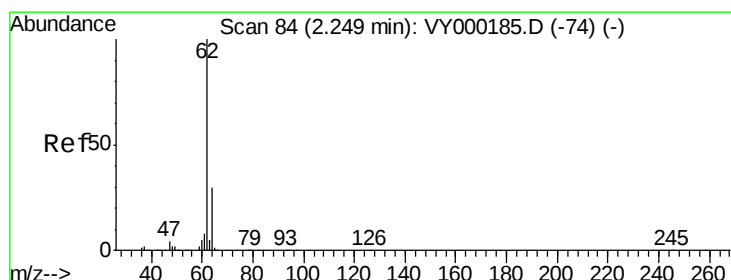
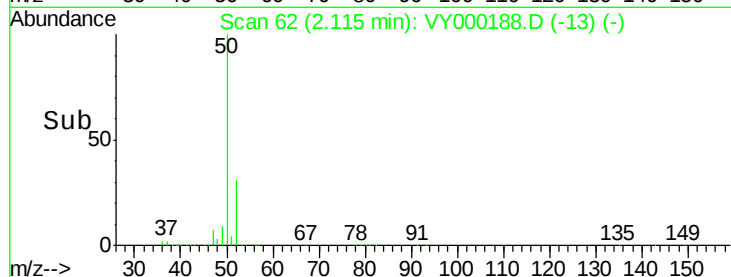
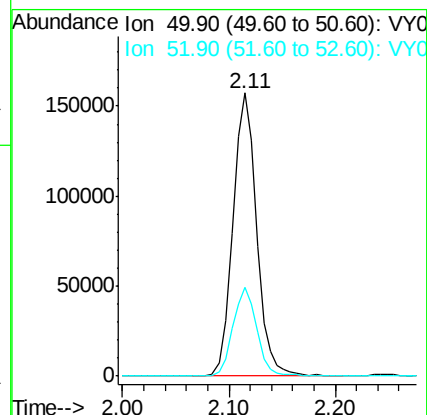
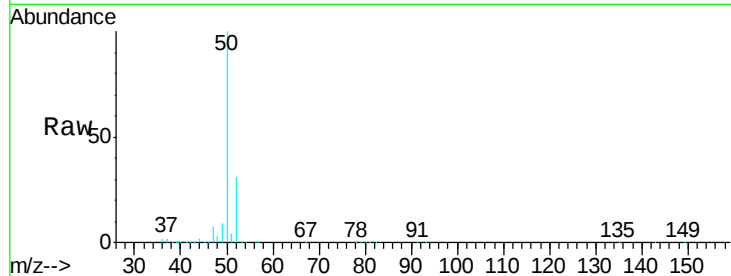
ICVVY100319

Tgt Ion: 50 Resp: 245543

Ion Ratio Lower Upper

50 100

52 31.3 25.3 37.9



#4

Vinyl Chloride

Concen: 55.928 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000188.D

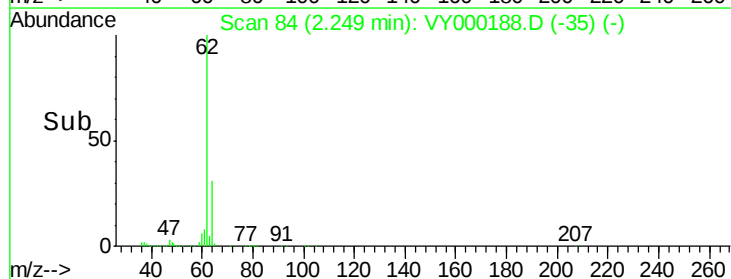
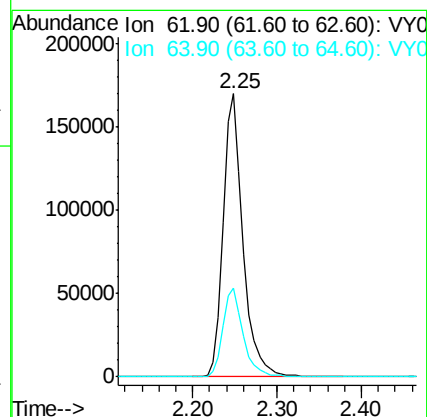
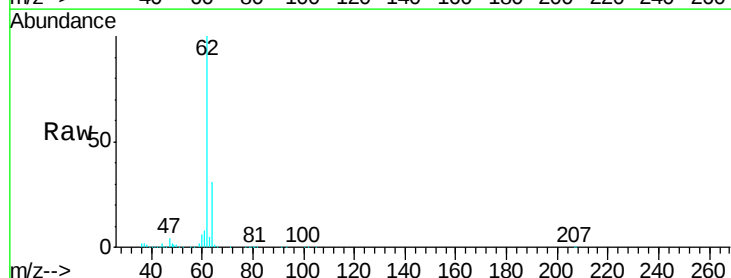
Acq: 03 Oct 2019 17:08

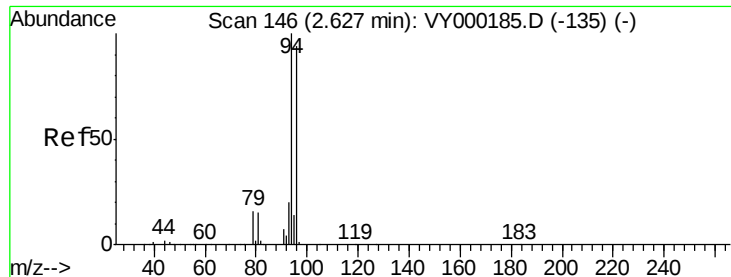
Tgt Ion: 62 Resp: 275262

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5





#5

Bromomethane

Concen: 58.147 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

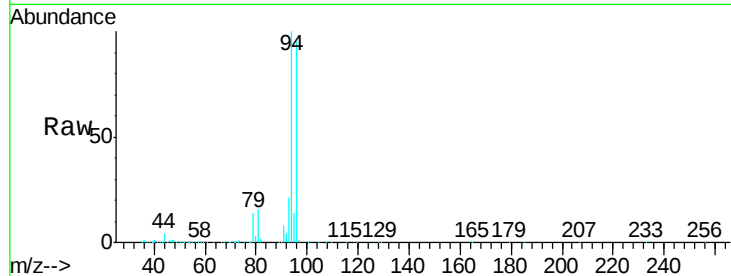
ICVVY100319

Tgt Ion: 94 Resp: 181900

Ion Ratio Lower Upper

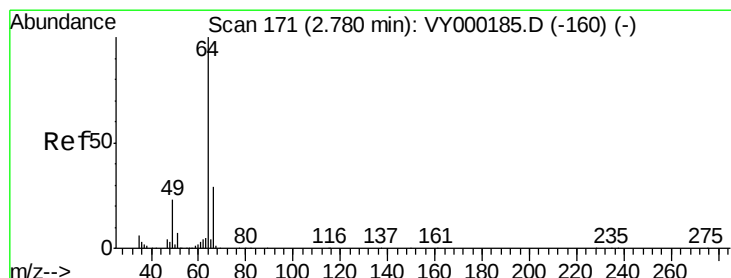
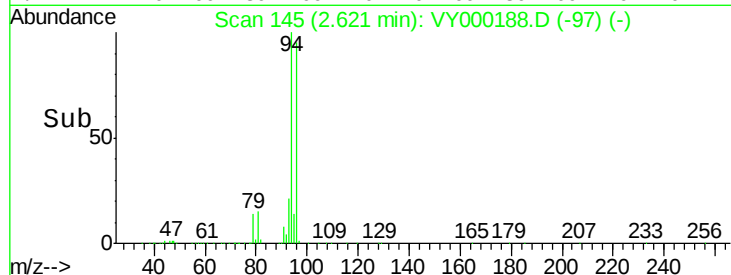
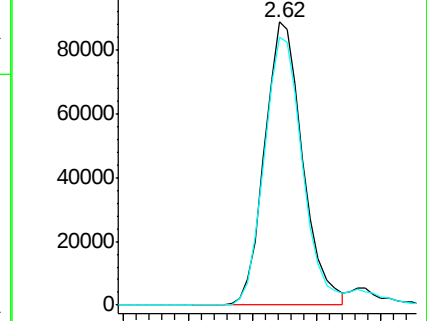
94 100

96 94.5 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.109 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.00 min

Lab File: VY000188.D

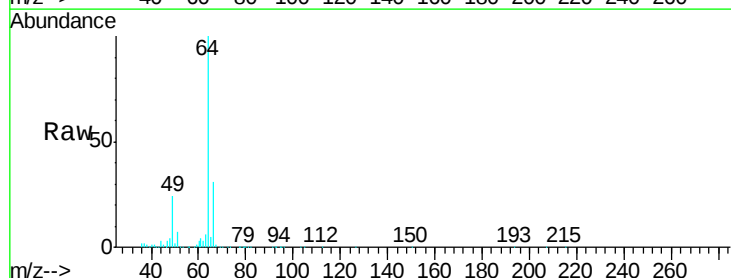
Acq: 03 Oct 2019 17:08

Tgt Ion: 64 Resp: 167529

Ion Ratio Lower Upper

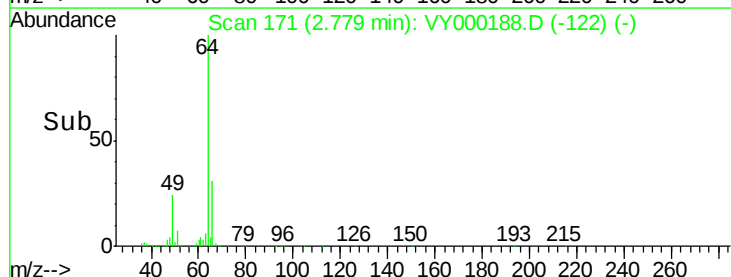
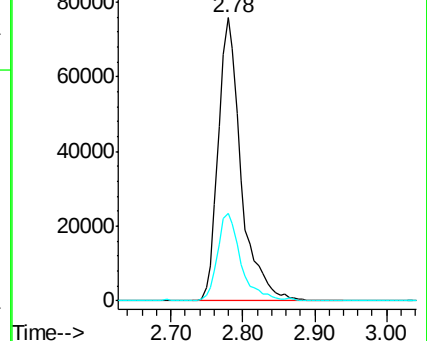
64 100

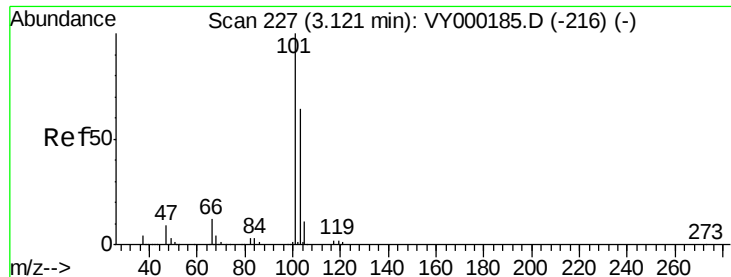
66 30.6 23.1 34.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



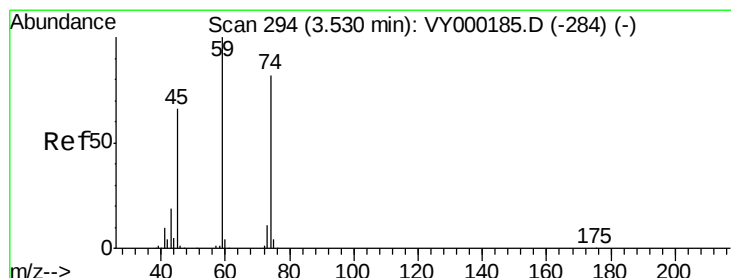
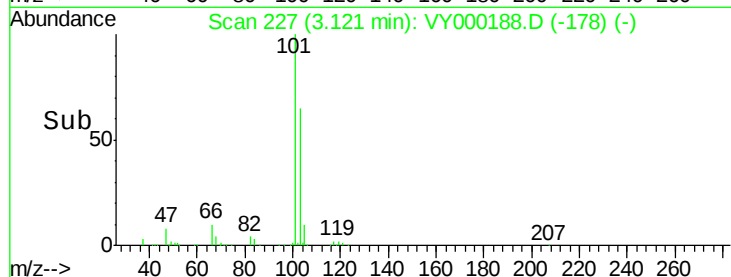
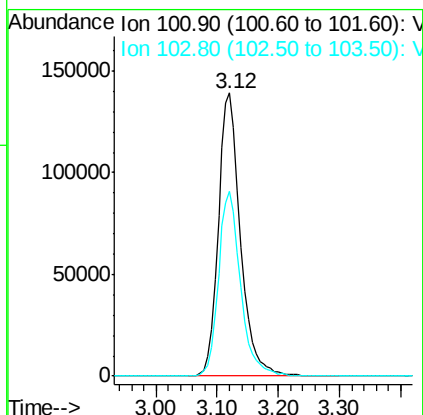
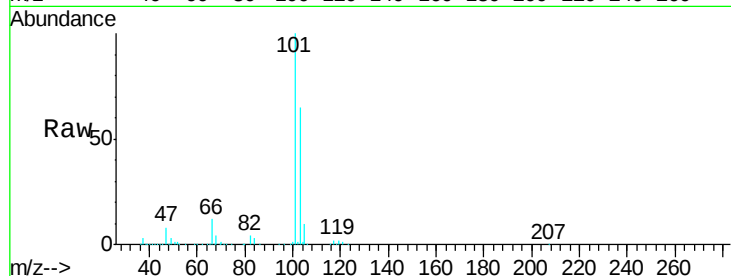


#7

Trichlorofluoromethane
 Concen: 49.694 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

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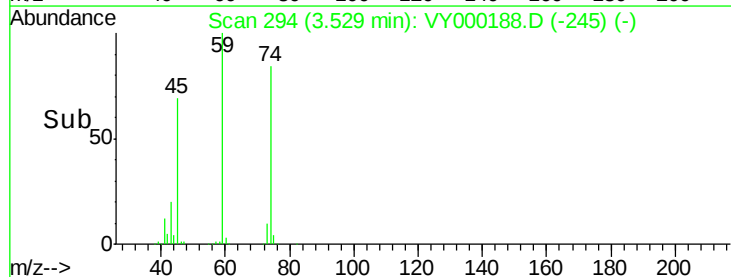
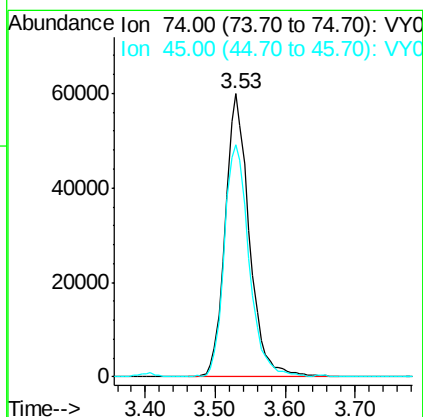
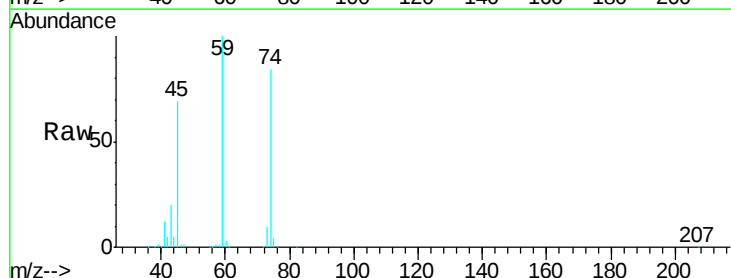
Tgt Ion:101 Resp: 349963
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.3 76.9

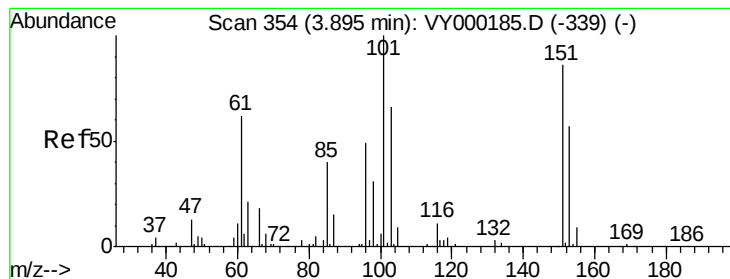


#8

Diethyl Ether
 Concen: 49.839 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 74 Resp: 143129
 Ion Ratio Lower Upper
 74 100
 45 84.8 40.6 121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.164 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

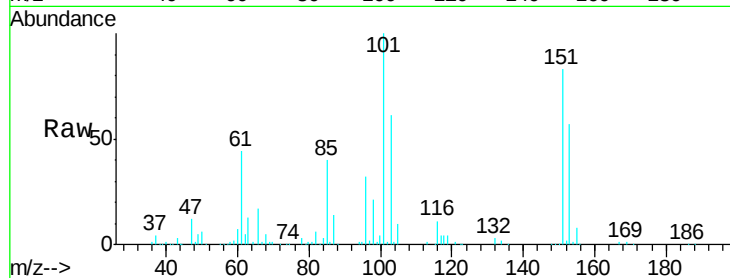
Tgt Ion:101 Resp: 205099

Ion Ratio Lower Upper

101 100

85 43.5 33.8 50.6

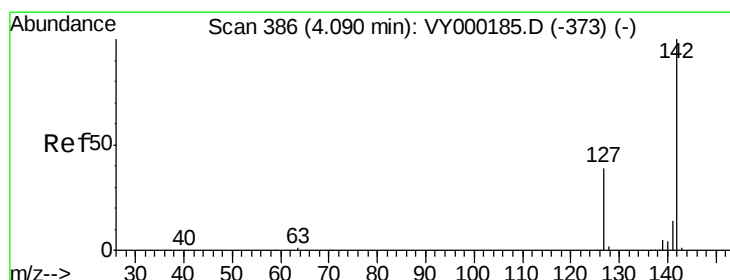
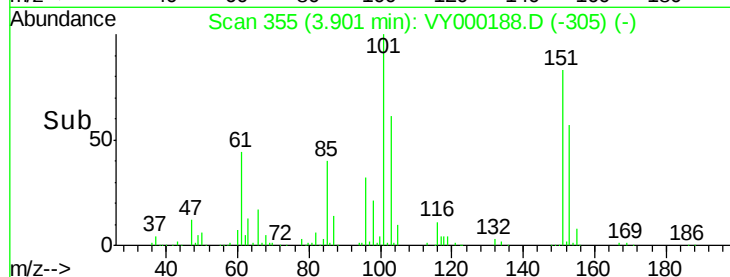
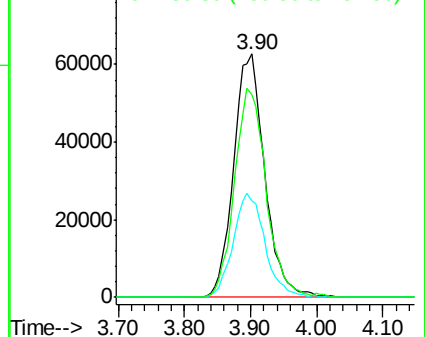
151 87.0 69.7 104.5



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: 47.877 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

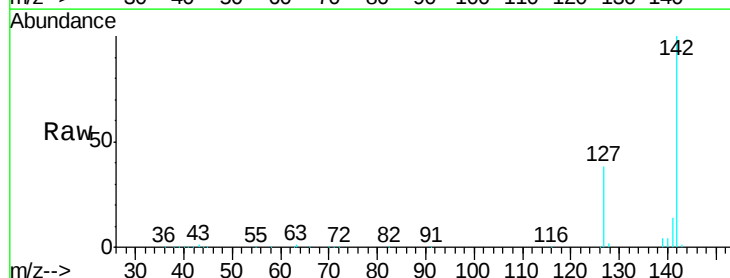
Tgt Ion:142 Resp: 361238

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

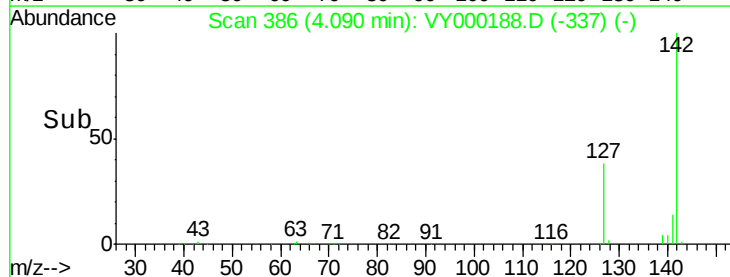
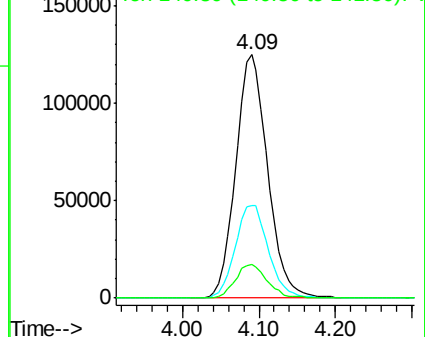
141 13.9 11.0 16.6

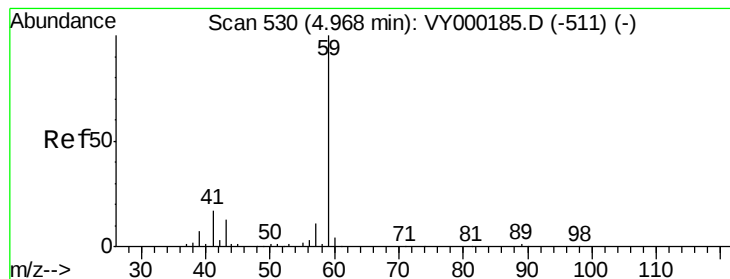


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



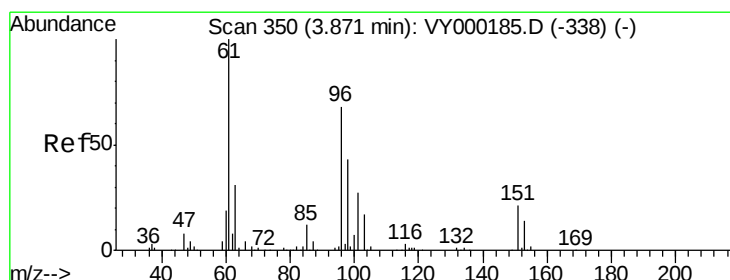
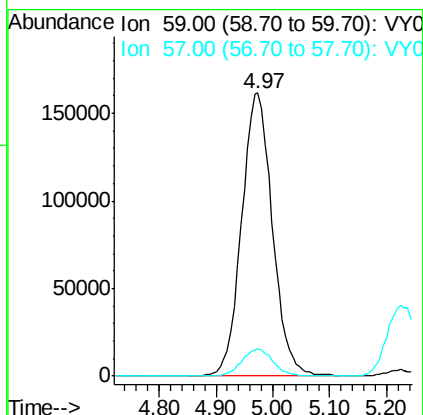
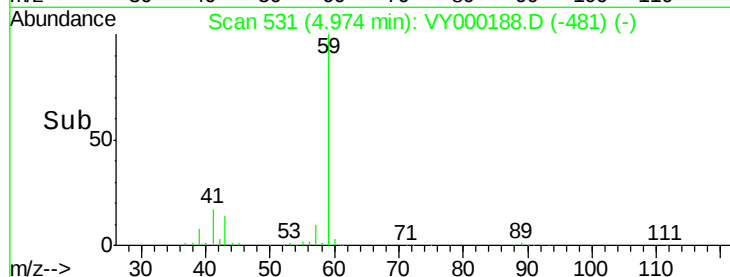
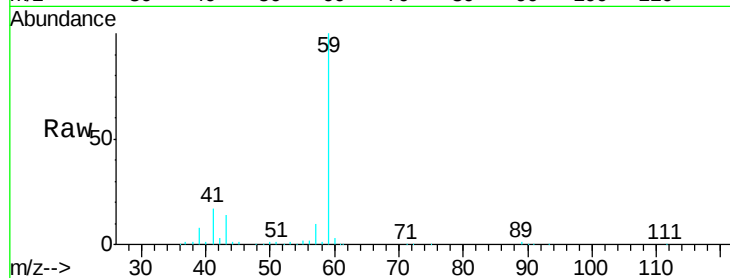


#11

Tert butyl alcohol
 Concen: 249.870 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

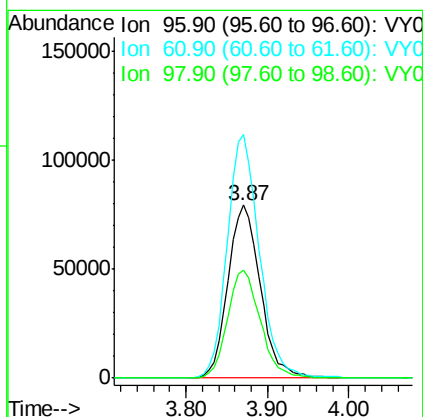
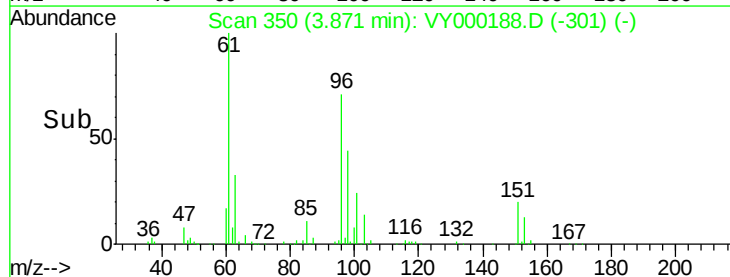
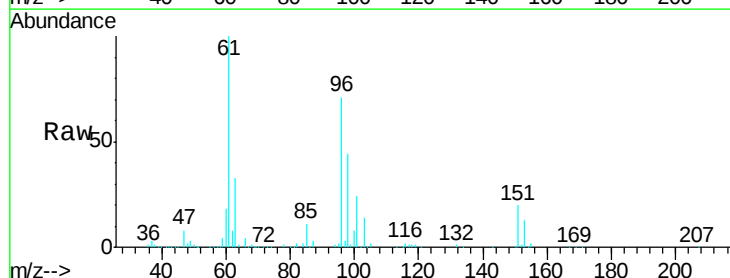
Tgt Ion: 59 Resp: 607966
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

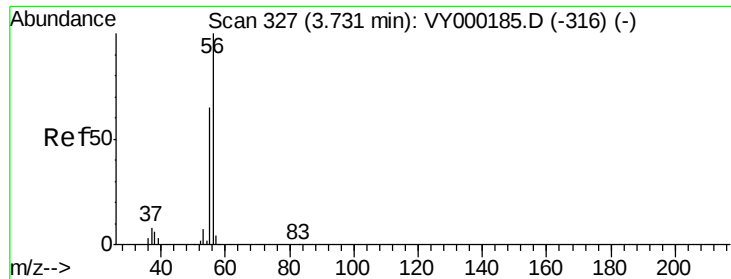


#12

1,1-Dichloroethene
 Concen: 49.851 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 96 Resp: 217850
 Ion Ratio Lower Upper
 96 100
 61 140.8 117.1 175.7
 98 62.5 50.3 75.5





#13

Acrolein

Concen: 243.682 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

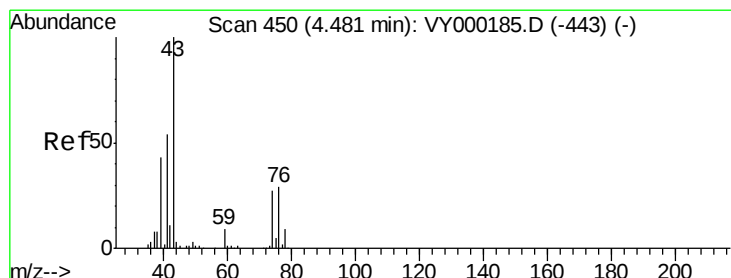
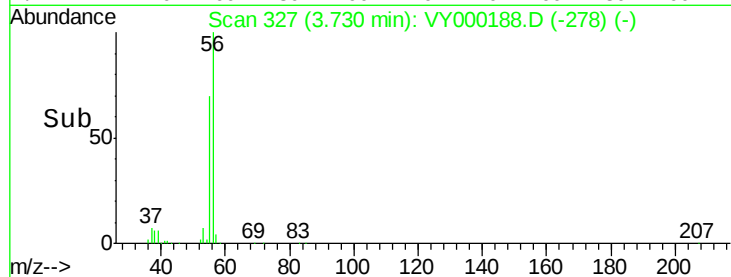
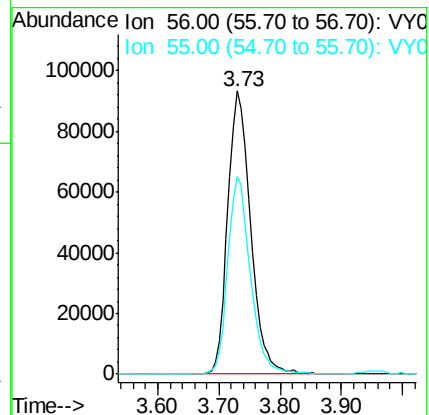
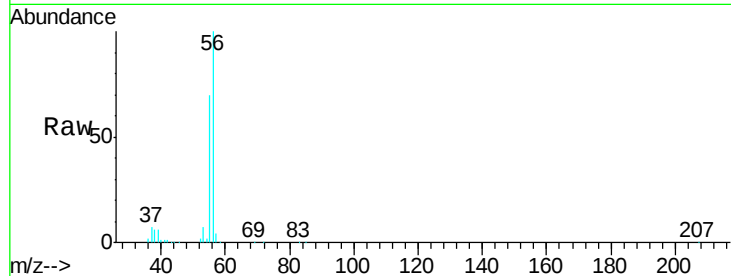
ICVVY100319

Tgt Ion: 56 Resp: 242389

Ion Ratio Lower Upper

56 100

55 68.6 55.5 83.3



#14

Allyl chloride

Concen: 52.755 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

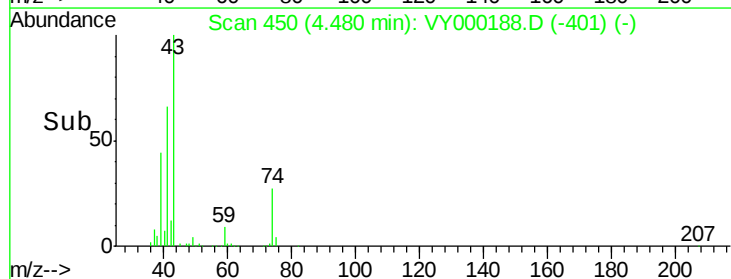
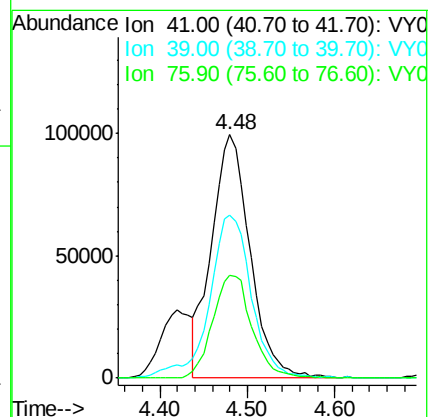
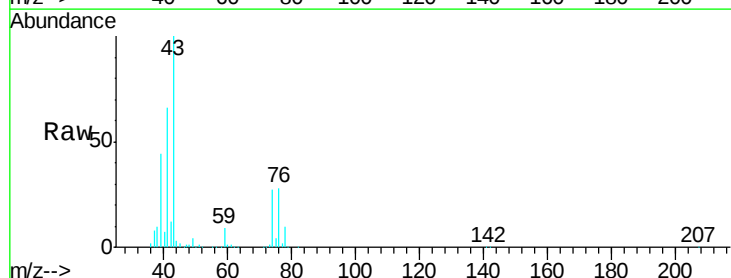
Tgt Ion: 41 Resp: 303076

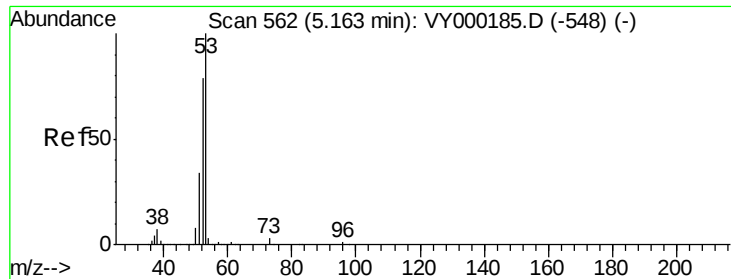
Ion Ratio Lower Upper

41 100

39 73.7 61.8 92.6

76 43.2 36.2 54.4





#15

Acrylonitrile

Concen: 259.494 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

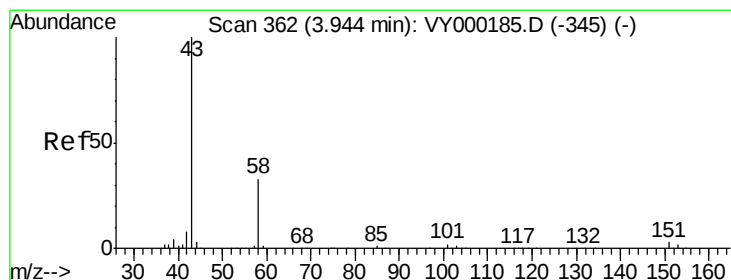
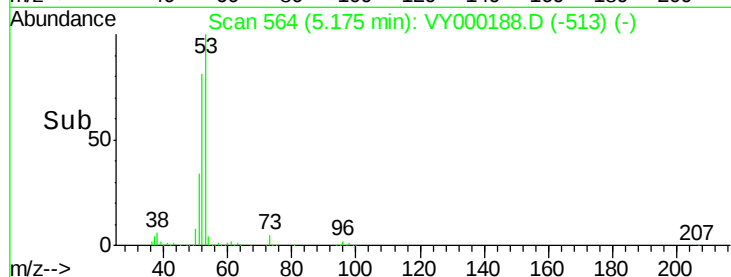
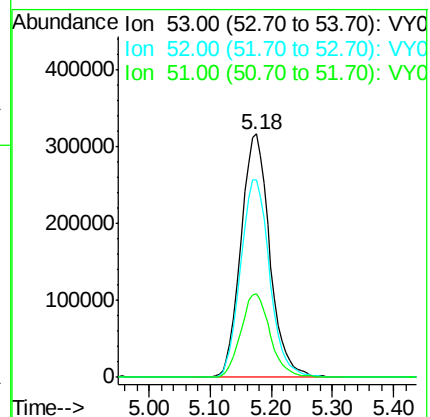
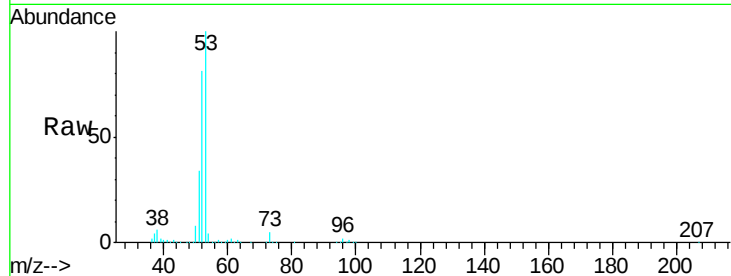
Tgt Ion: 53 Resp: 1030726

Ion Ratio Lower Upper

53 100

52 82.1 64.8 97.2

51 35.0 27.7 41.5



#16

Acetone

Concen: 267.393 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000188.D

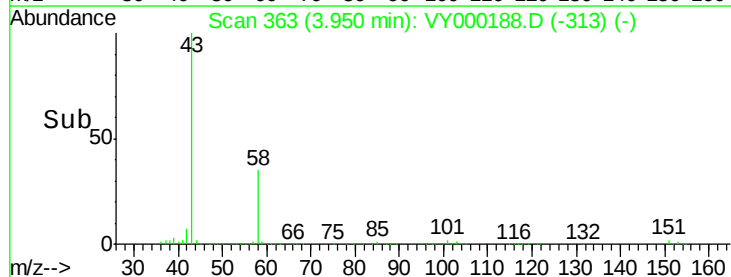
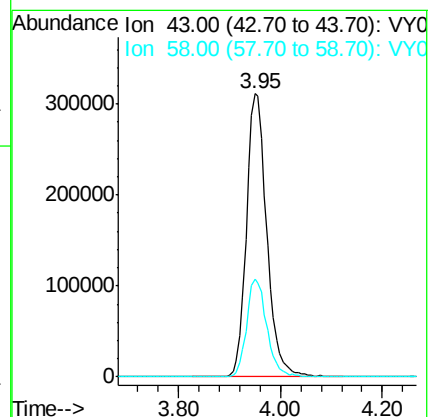
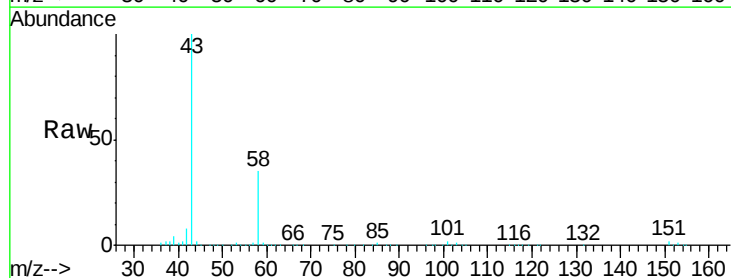
Acq: 03 Oct 2019 17:08

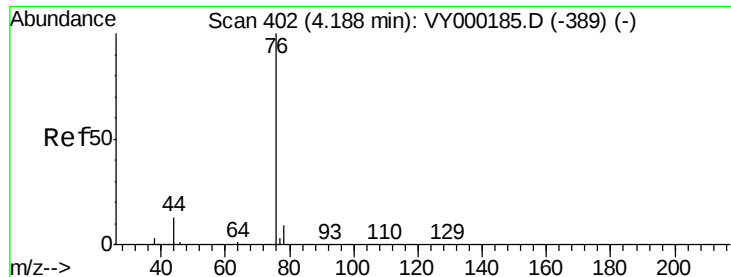
Tgt Ion: 43 Resp: 862432

Ion Ratio Lower Upper

43 100

58 34.6 26.8 40.2

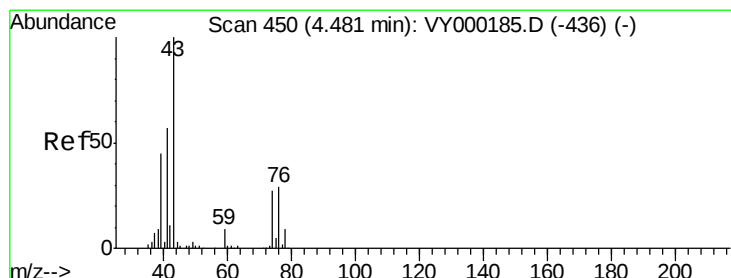
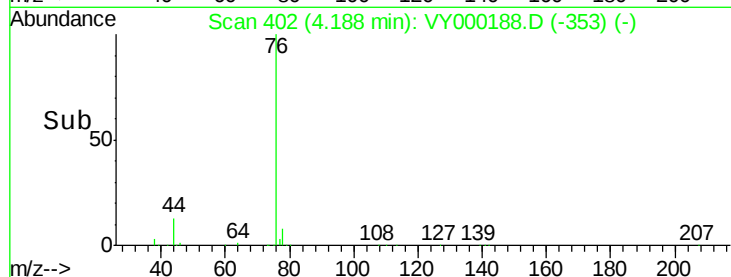
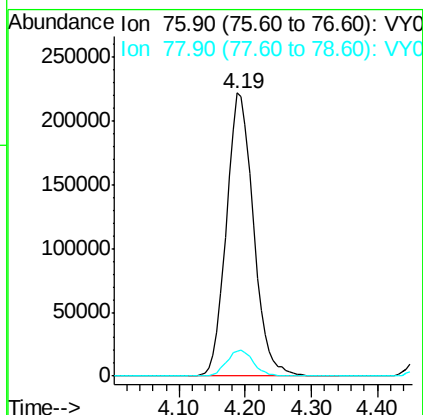
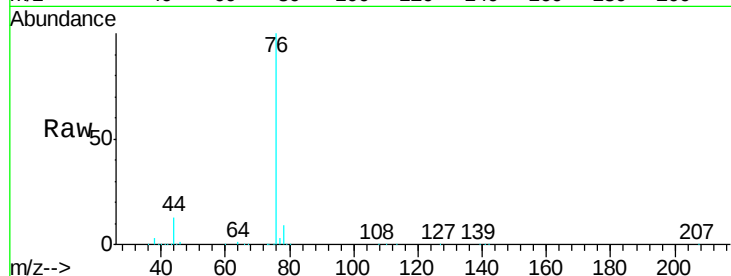




#17
Carbon Disulfide
Concen: 53.436 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

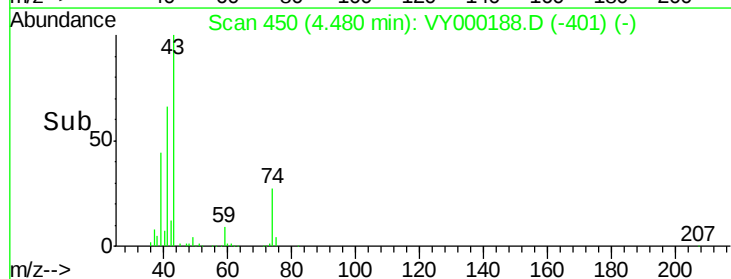
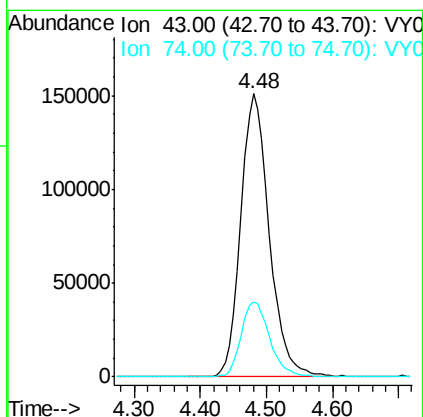
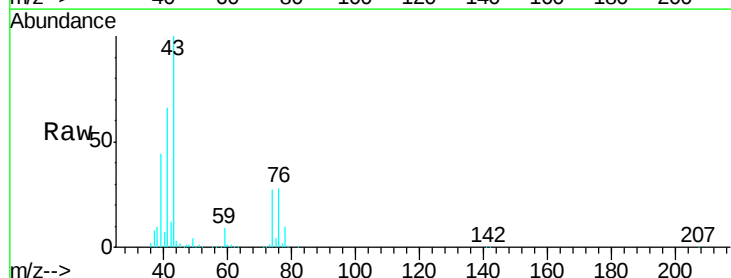
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

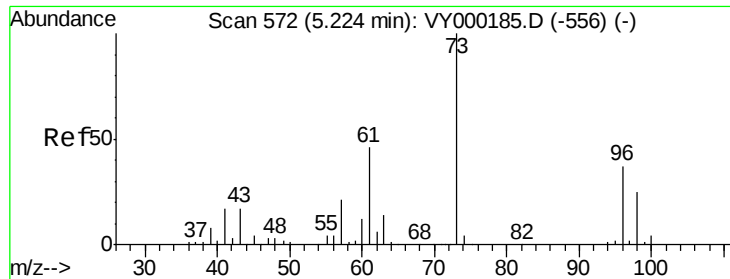
Tgt Ion: 76 Resp: 629459
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 51.704 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 43 Resp: 452909
Ion Ratio Lower Upper
43 100
74 26.7 22.3 33.5

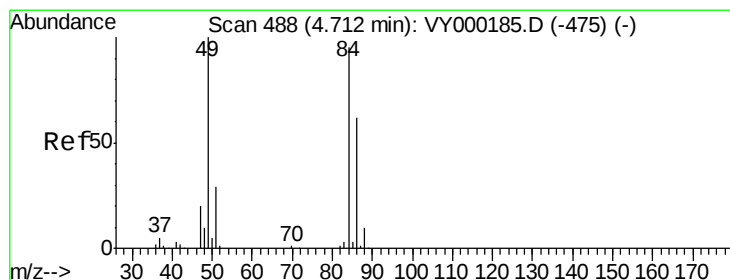
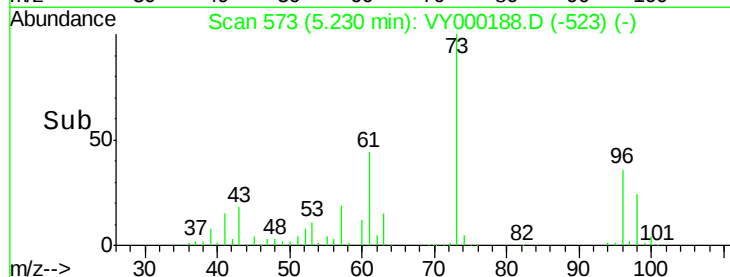
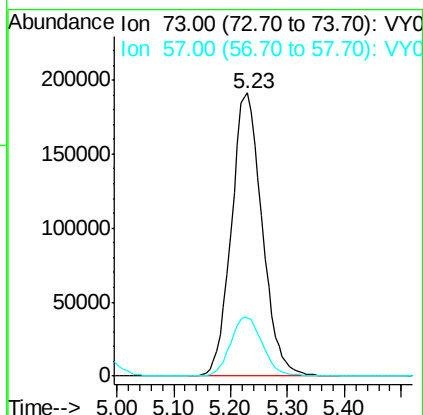
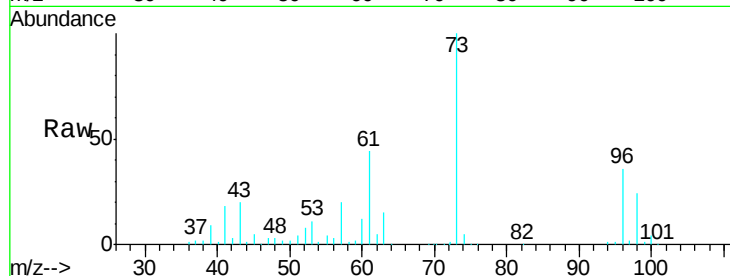




#19
Methyl tert-butyl Ether
Concen: 51.197 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

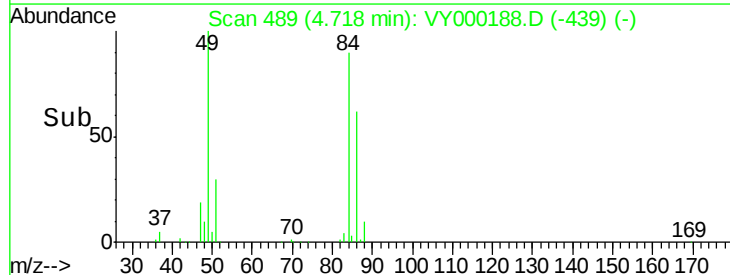
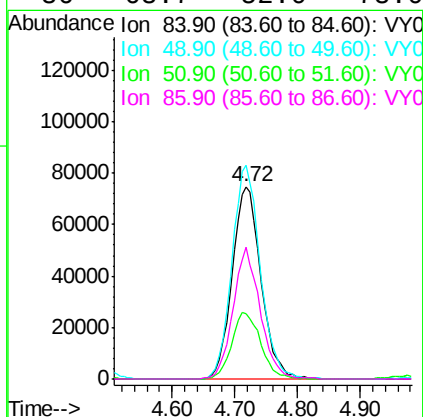
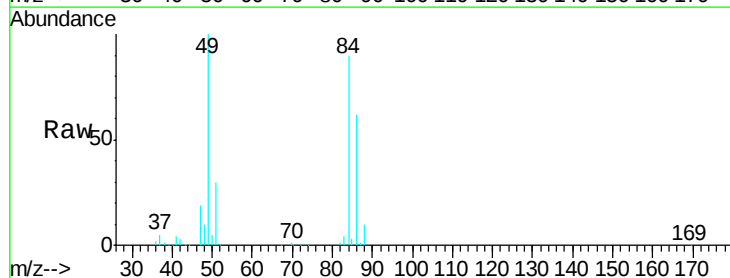
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

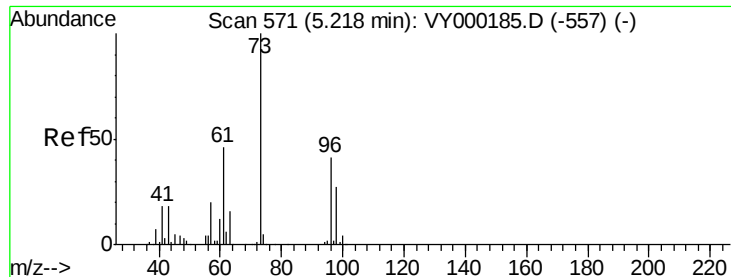
Tgt Ion: 73 Resp: 720466
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3



#20
Methylene Chloride
Concen: 49.236 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 84 Resp: 236965
Ion Ratio Lower Upper
84 100
49 111.1 84.2 126.4
51 33.7 24.6 37.0
86 68.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.784 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

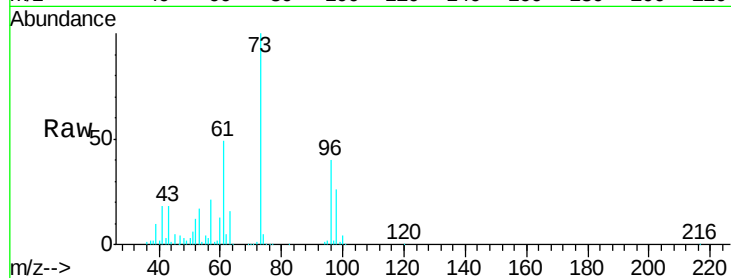
Tgt Ion: 96 Resp: 240284

Ion Ratio Lower Upper

96 100

61 123.3 91.4 137.0

98 65.9 52.5 78.7

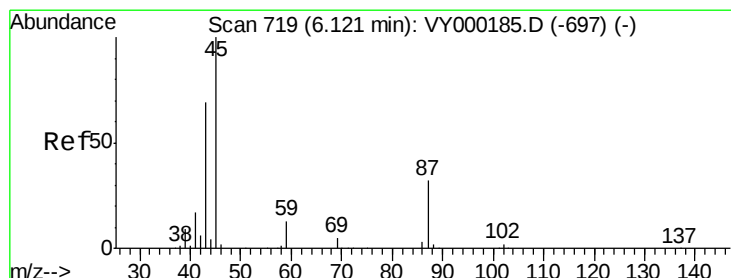
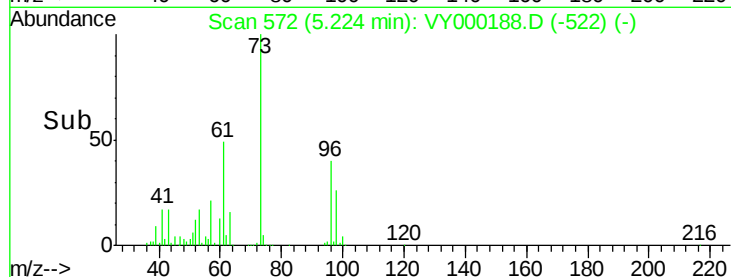
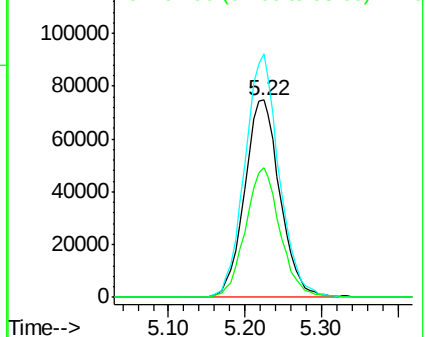


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.600 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion: 45 Resp: 703909

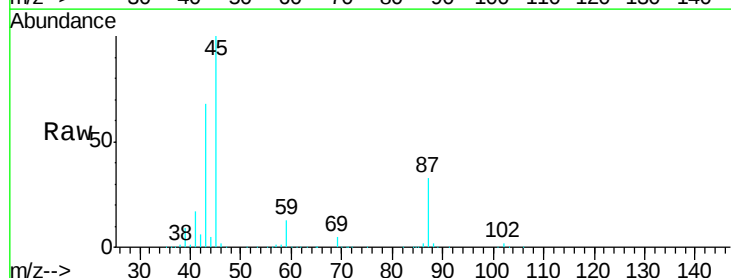
Ion Ratio Lower Upper

45 100

43 67.4 55.4 83.0

87 32.8 25.8 38.8

59 12.6 10.1 15.1



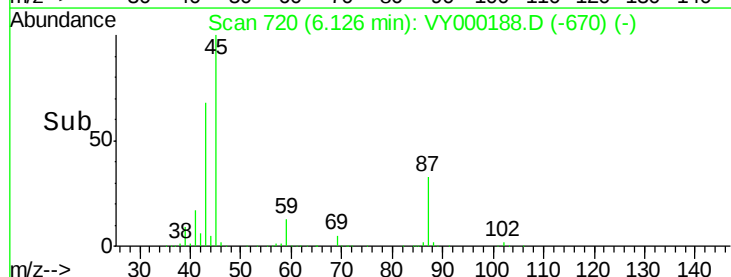
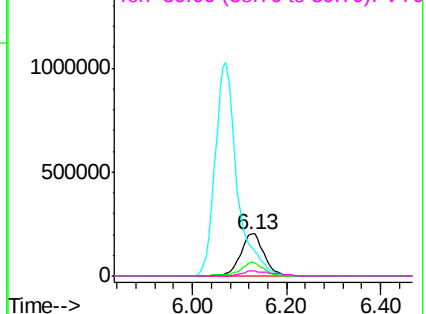
Abundance

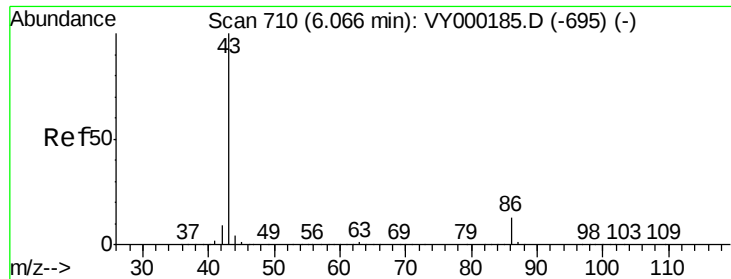
Ion 45.00 (44.70 to 45.70): VY0

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: 272.100 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

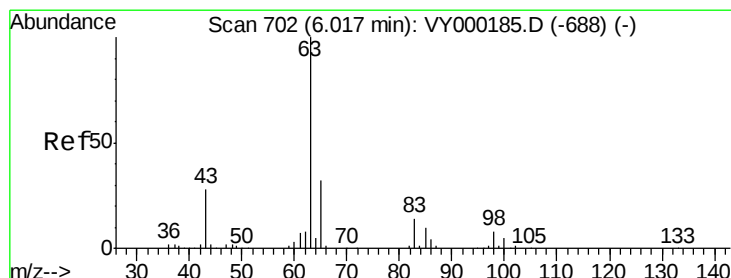
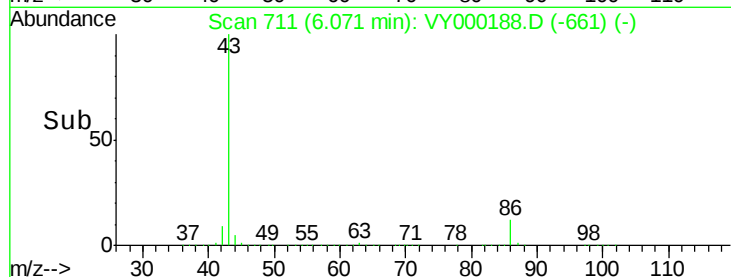
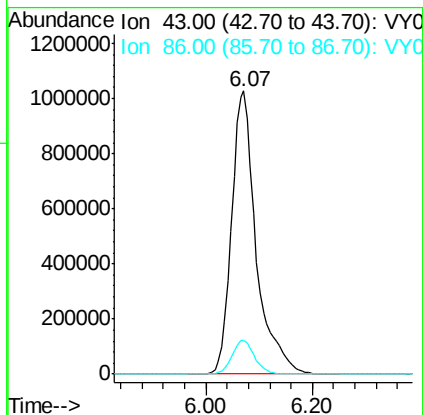
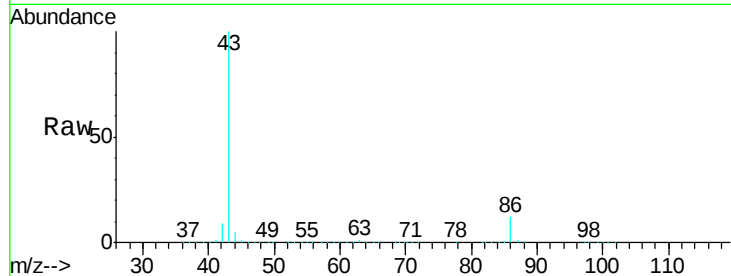
ICVVY100319

Tgt Ion: 43 Resp: 3313782

Ion Ratio Lower Upper

43 100

86 12.1 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.972 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

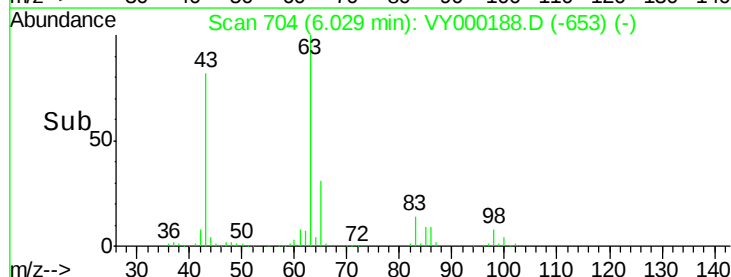
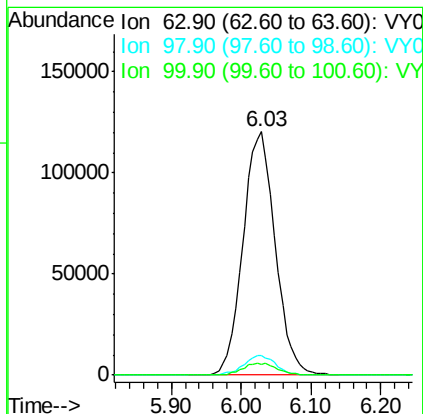
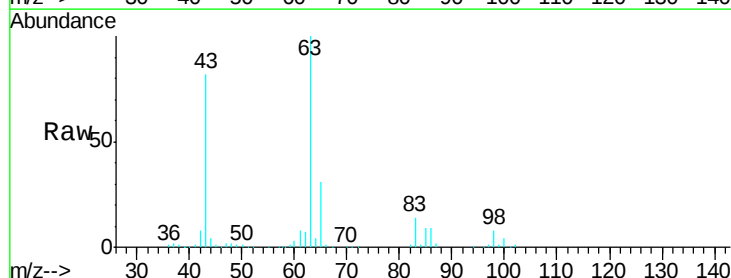
Tgt Ion: 63 Resp: 384820

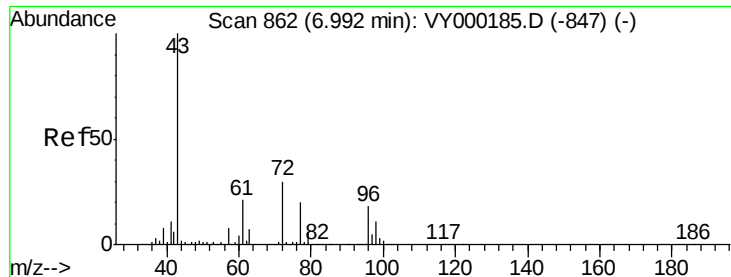
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 274.038 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

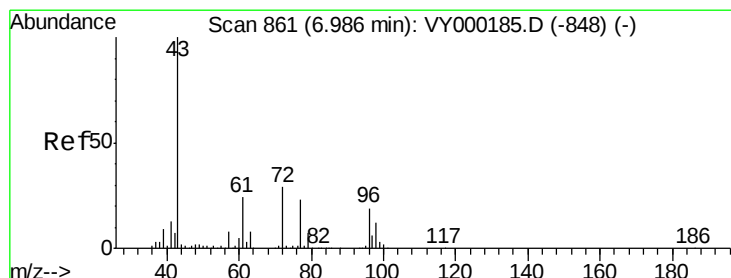
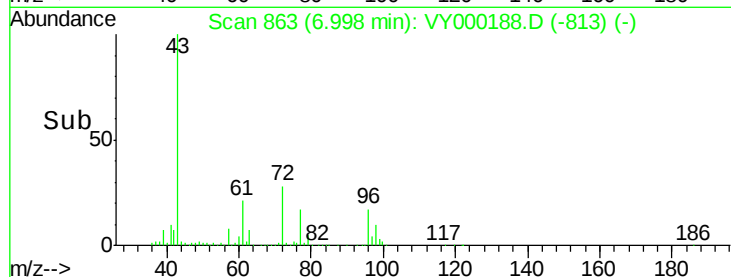
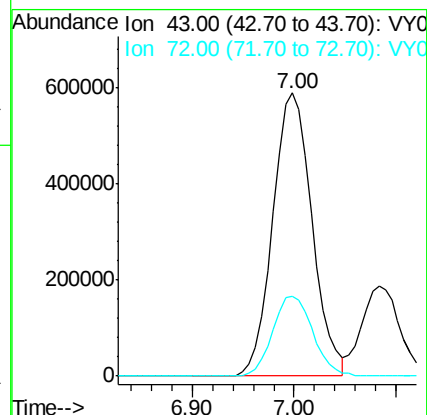
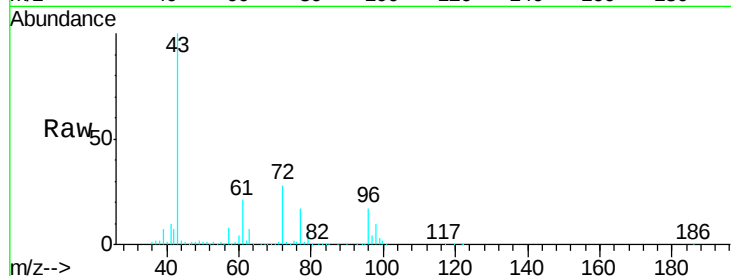
ICVY00319

Tgt Ion: 43 Resp: 1572007

Ion Ratio Lower Upper

43 100

72 28.3 24.0 36.0



#26

2,2-Dichloropropane

Concen: 46.439 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000188.D

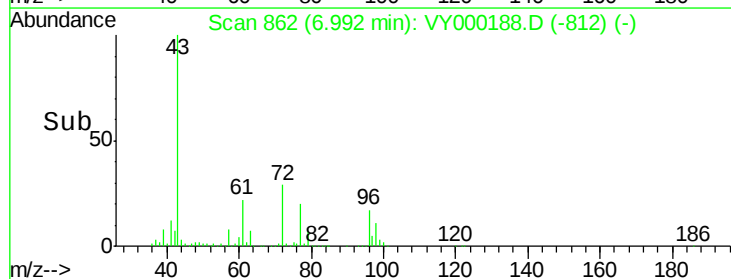
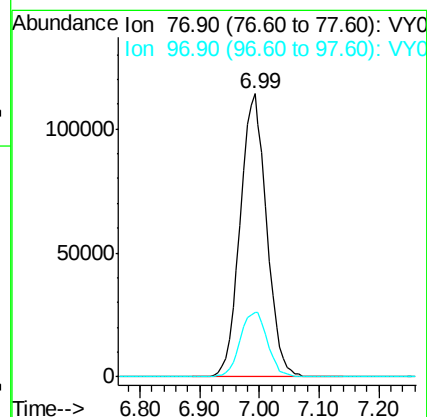
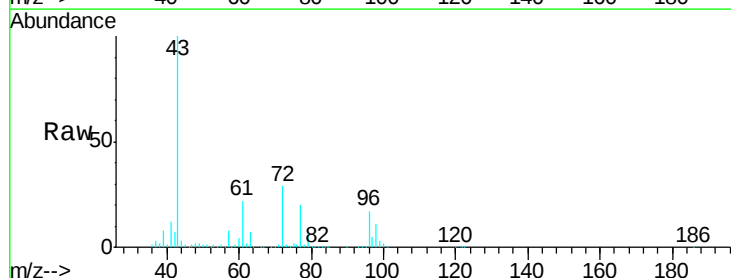
Acq: 03 Oct 2019 17:08

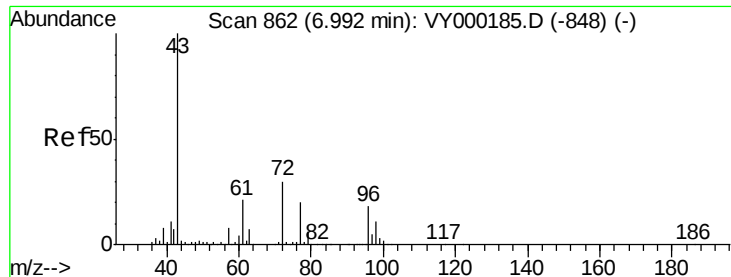
Tgt Ion: 77 Resp: 352628

Ion Ratio Lower Upper

77 100

97 23.7 12.3 36.9



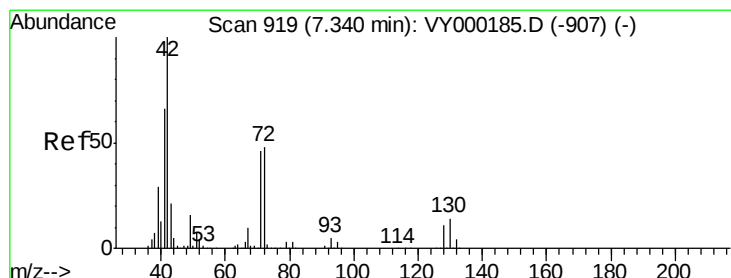
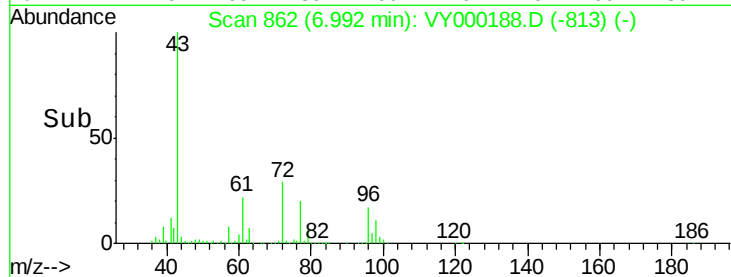
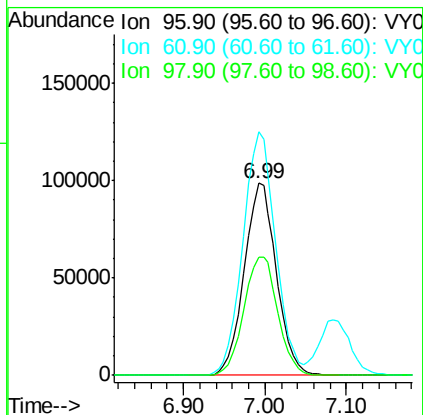
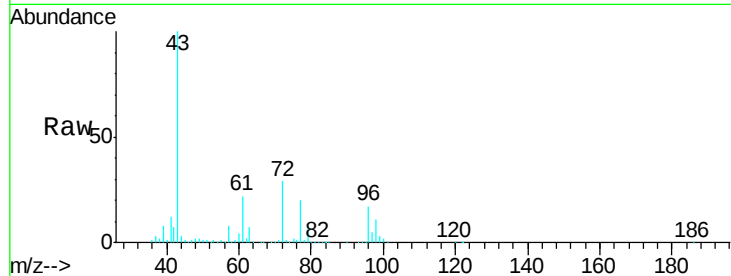


#27

cis-1,2-Dichloroethene
 Concen: 50.470 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

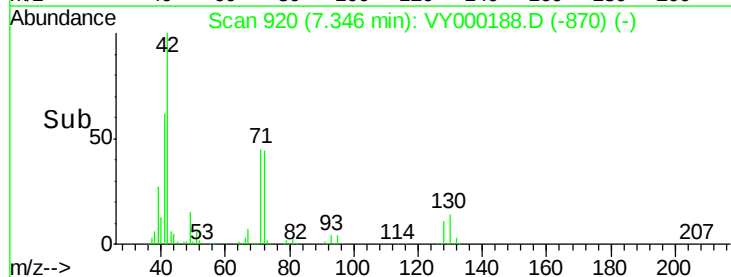
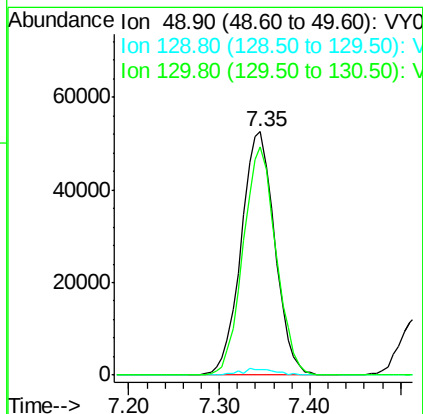
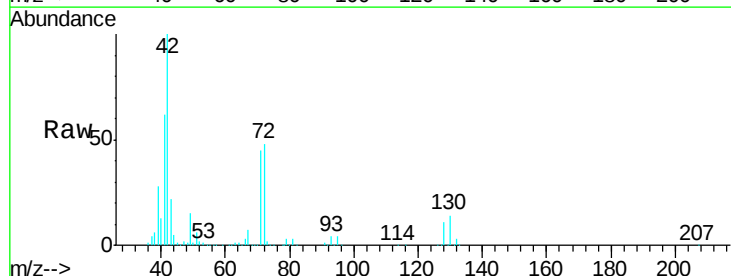
Tgt Ion: 96 Resp: 271277
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 251.4
 98 64.8 0.0 129.4

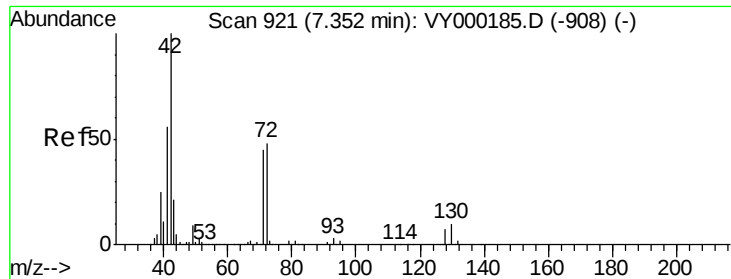


#28

Bromochloromethane
 Concen: 52.720 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 49 Resp: 135216
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 91.7 74.2 111.4

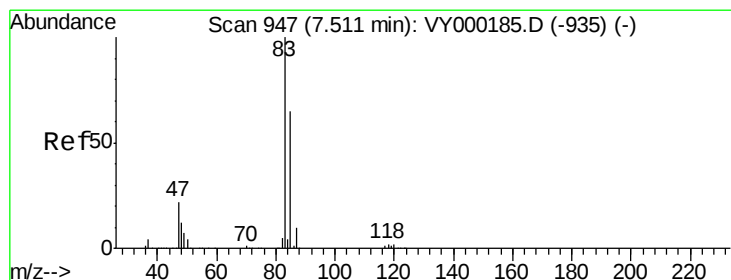
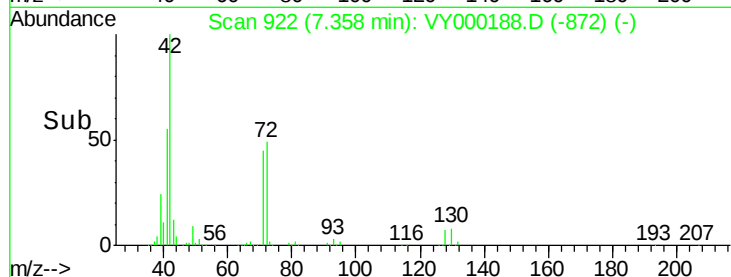
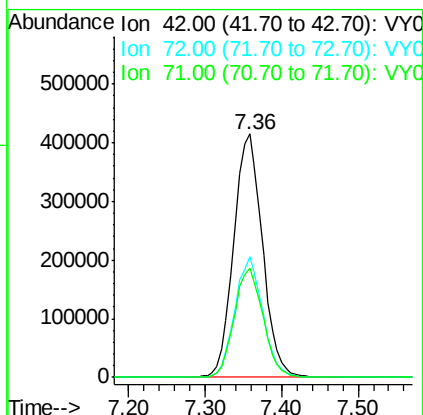
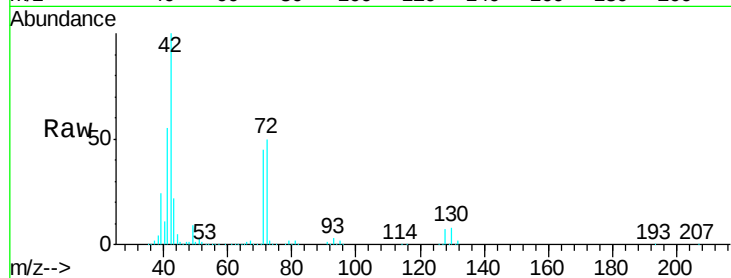




#29
Tetrahydrofuran
Concen: 267.301 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

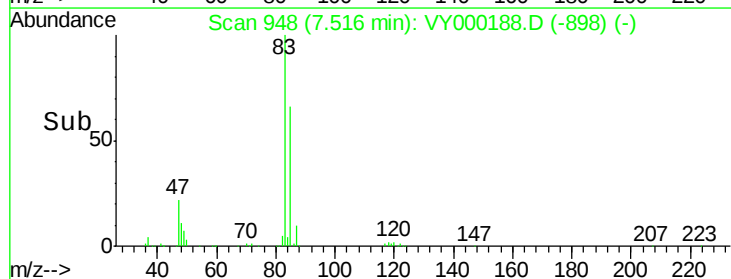
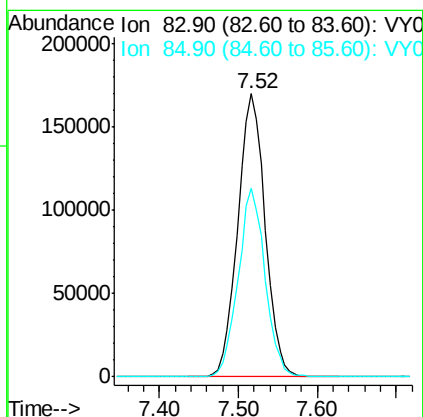
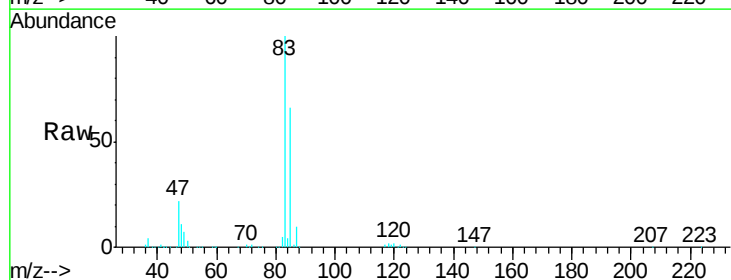
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

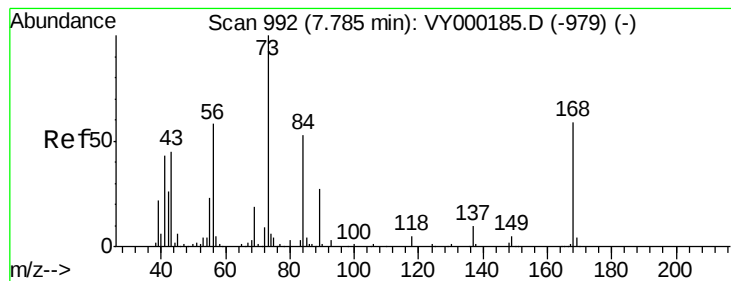
Tgt Ion: 42 Resp: 1082740
Ion Ratio Lower Upper
42 100
72 47.9 39.3 58.9
71 44.7 36.7 55.1



#30
Chloroform
Concen: 50.130 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 83 Resp: 409935
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6





#31

Cyclohexane

Concen: 48.044 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

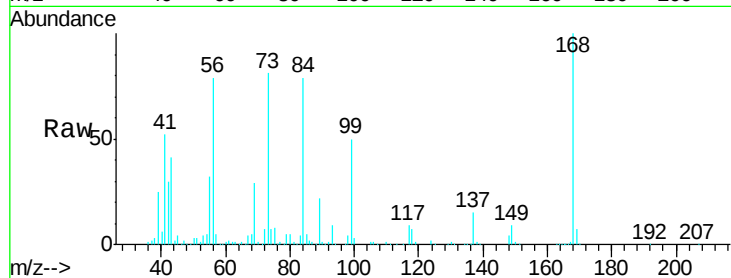
Tgt Ion: 56 Resp: 356517

Ion Ratio Lower Upper

56 100

69 37.1 26.1 39.1

84 97.8 73.8 110.6

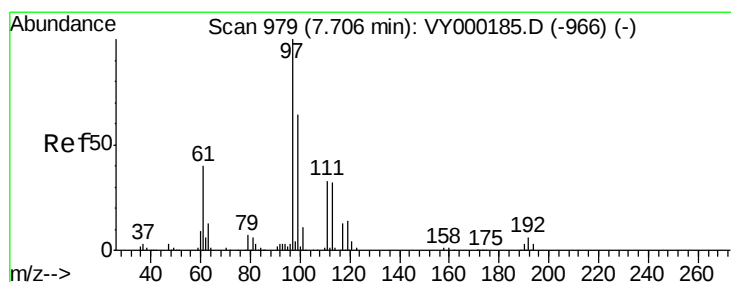
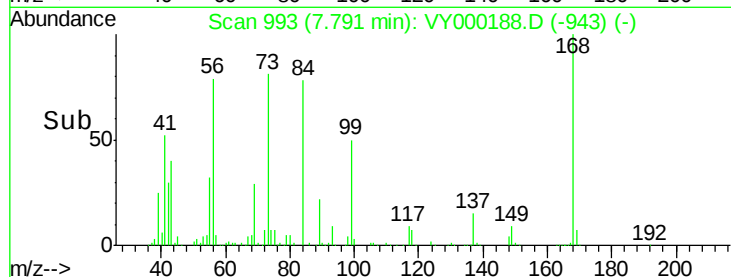
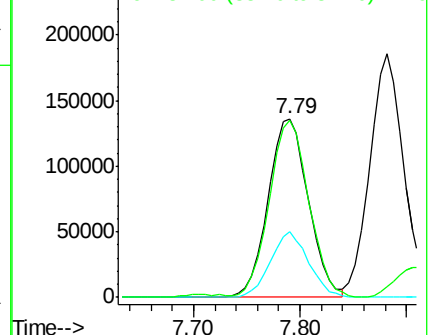


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.138 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

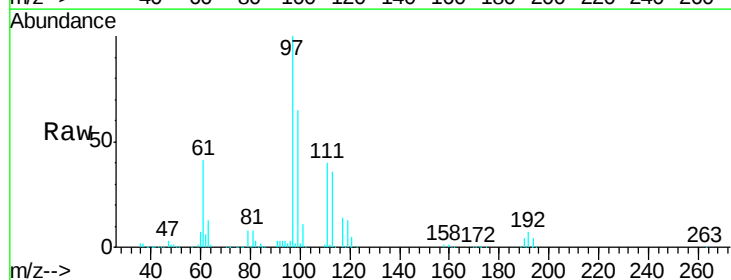
Tgt Ion: 97 Resp: 368260

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 40.4 31.2 46.8

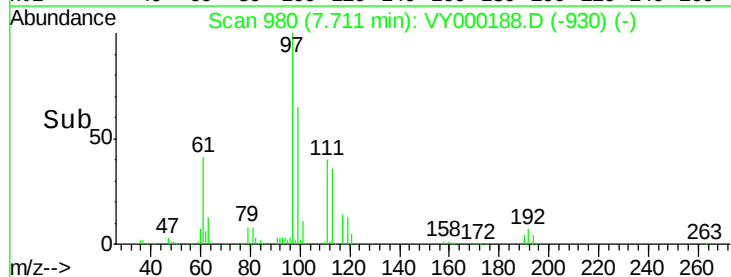
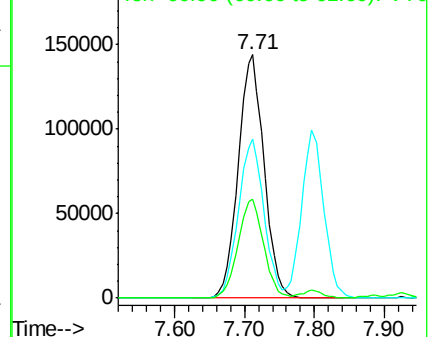


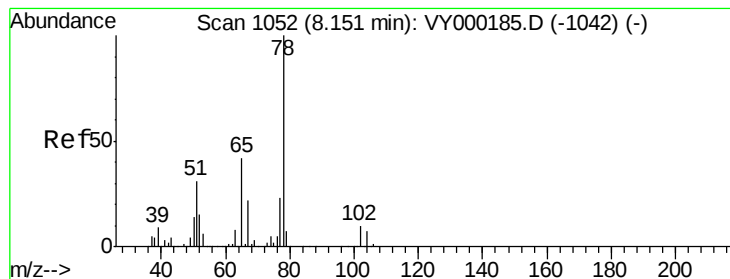
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 49.444 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

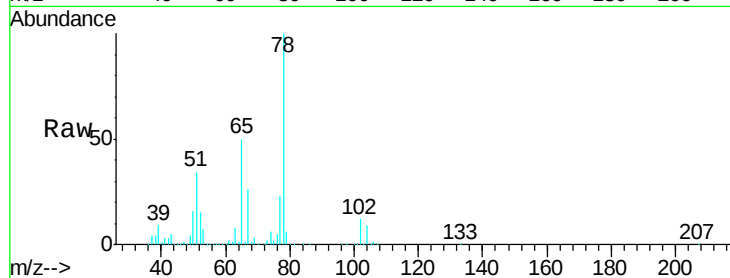
ICVVY100319

Tgt Ion: 65 Resp: 239367

Ion Ratio Lower Upper

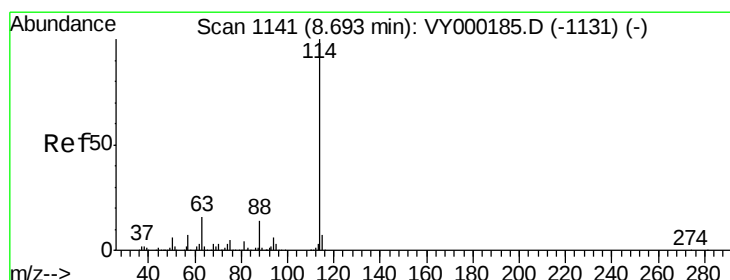
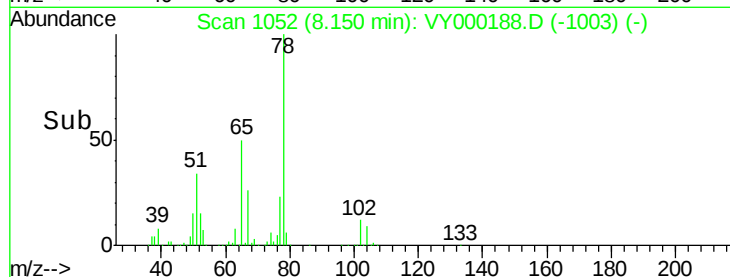
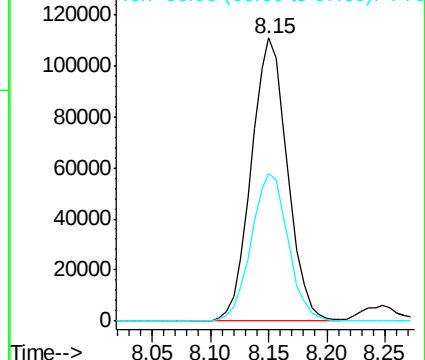
65 100

67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

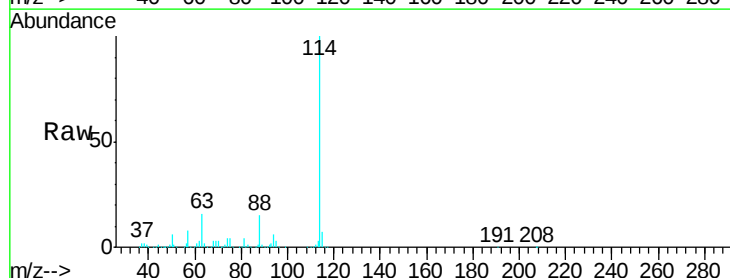
Tgt Ion: 114 Resp: 704215

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.0

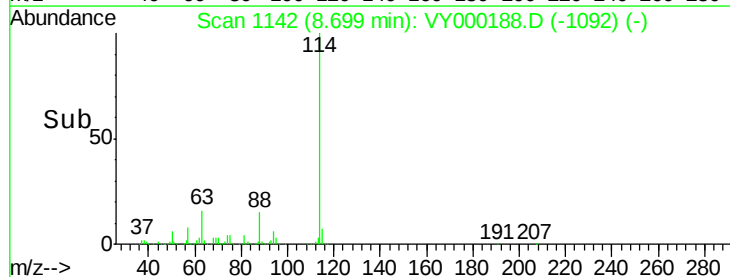
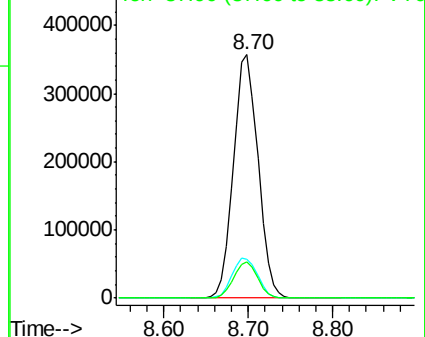
88 14.8 0.0 27.6

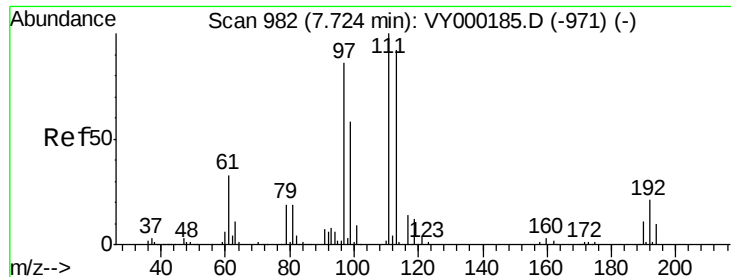


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

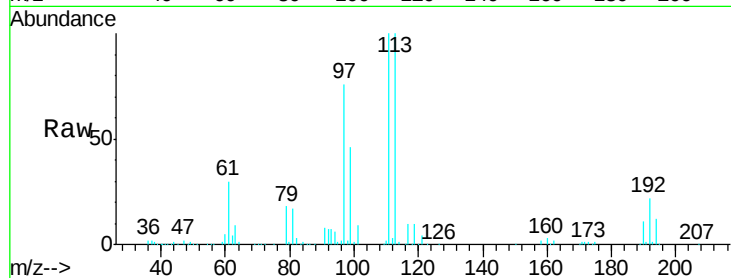




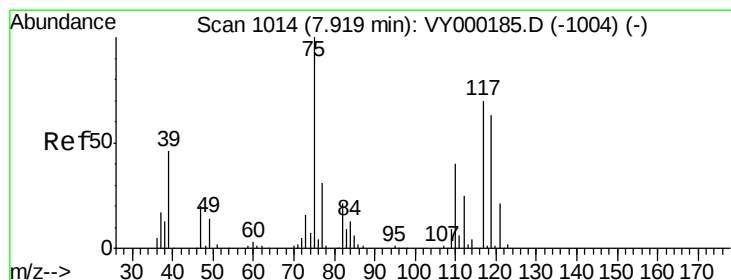
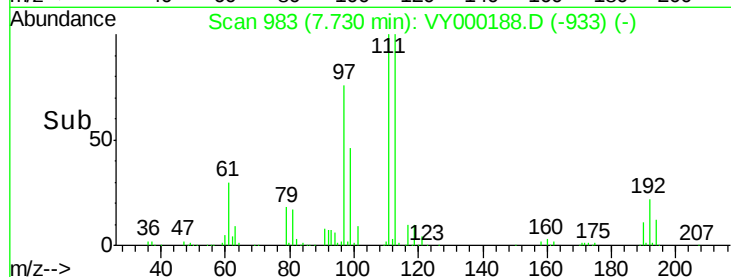
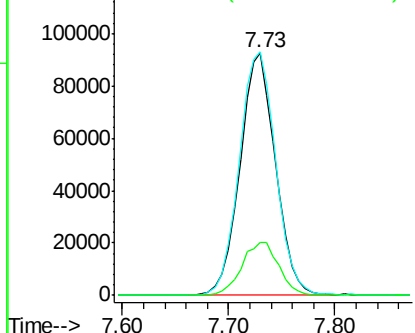
#35
 Dibromofluoromethane
 Concen: 48.947 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tgt Ion: 113 Resp: 216485
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.6 125.4
 192 22.9 18.4 27.6

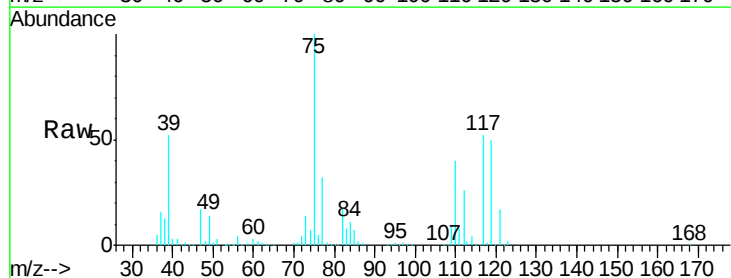


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

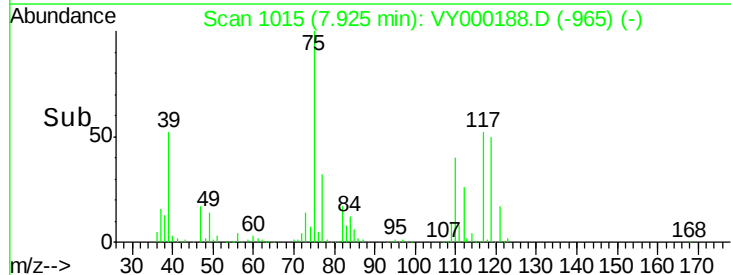
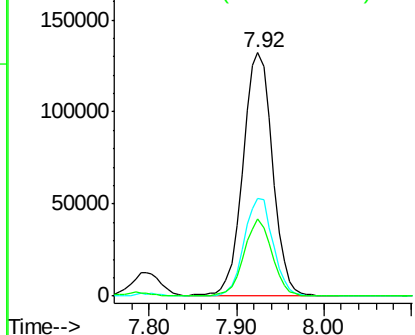


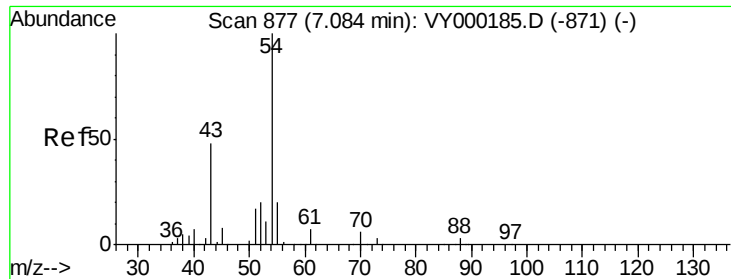
#36
 1,1-Dichloropropene
 Concen: 49.645 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 75 Resp: 310230
 Ion Ratio Lower Upper
 75 100
 110 39.2 20.4 61.2
 77 30.3 24.8 37.2



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

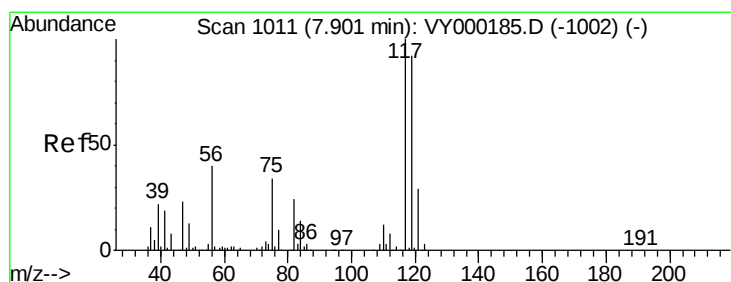
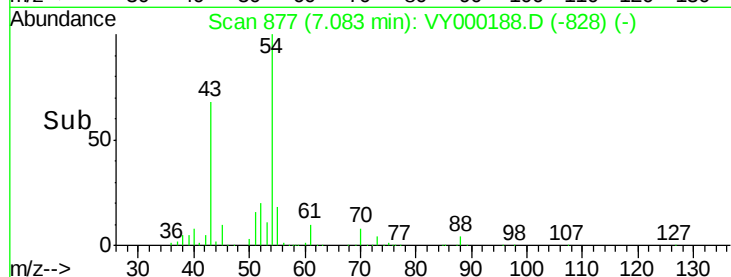
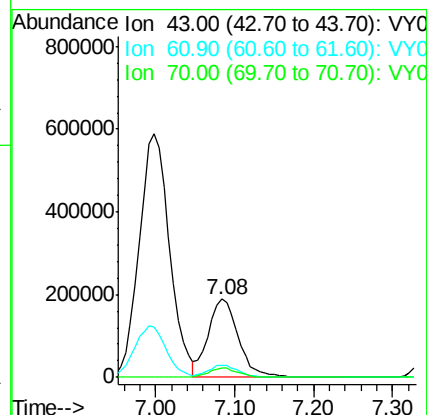
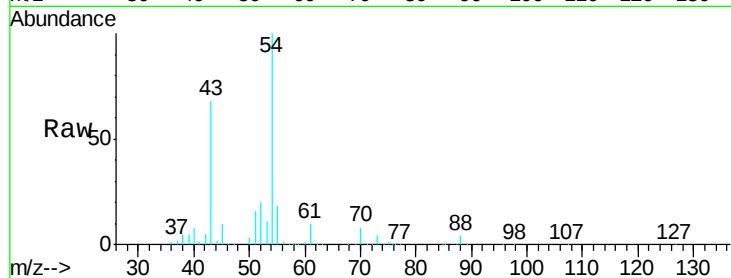




#37
Ethyl Acetate
Concen: 51.672 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

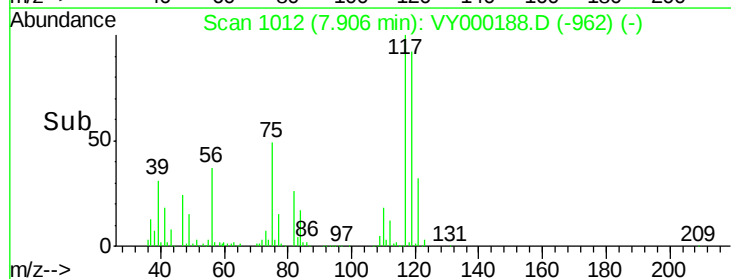
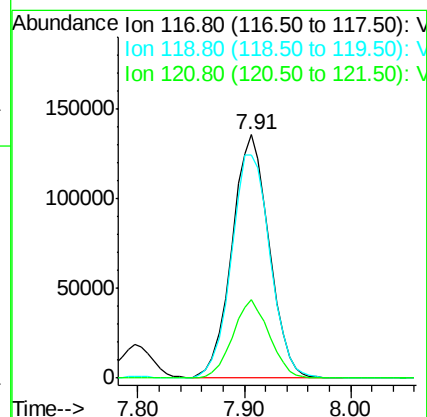
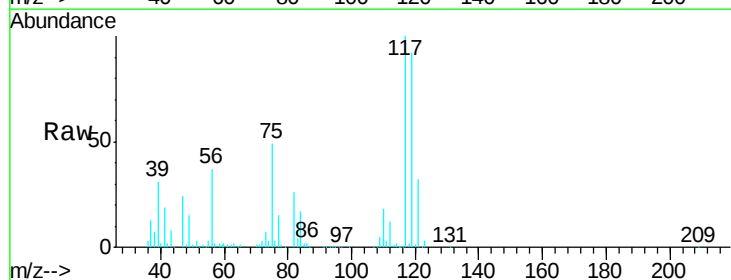
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

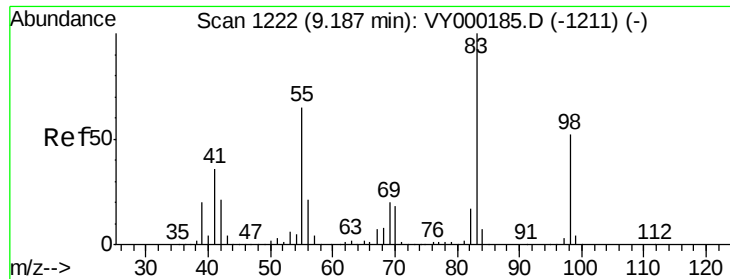
Tgt Ion: 43 Resp: 505819
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 48.997 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 117 Resp: 331659
Ion Ratio Lower Upper
117 100
119 91.4 73.4 110.2
121 32.5 23.2 34.8

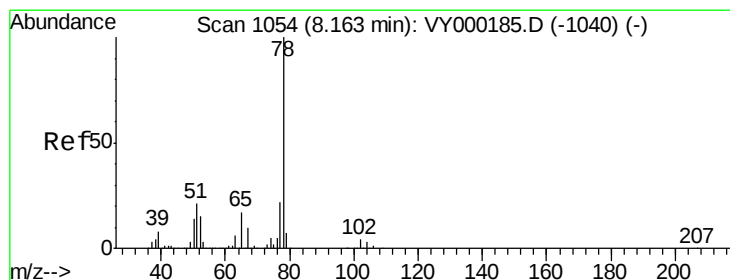
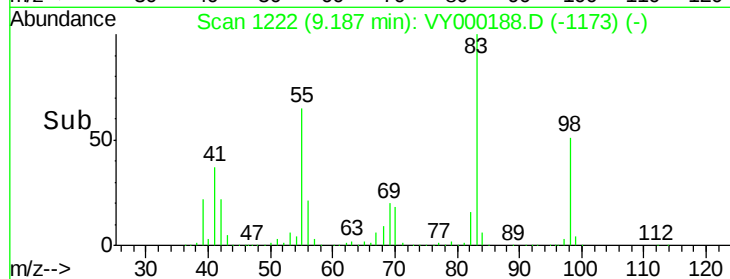
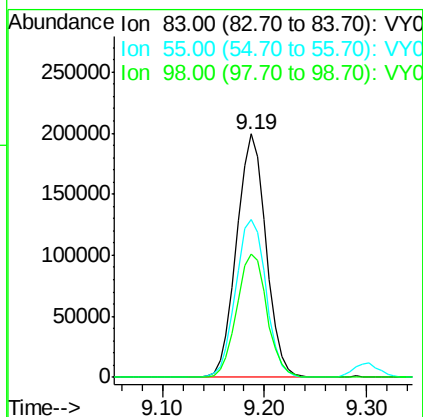
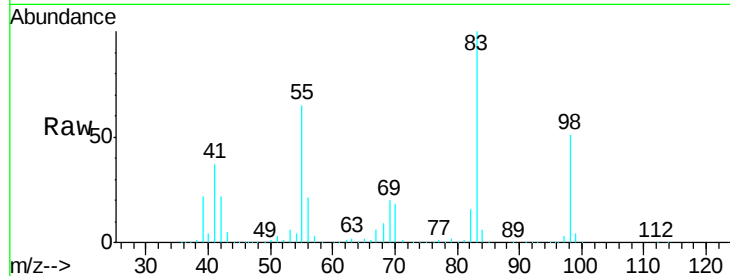




#39
Methylcyclohexane
Concen: 49.494 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

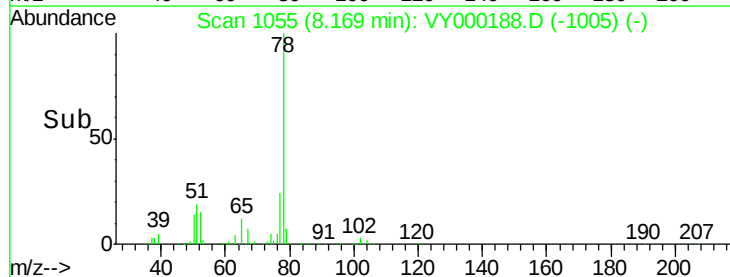
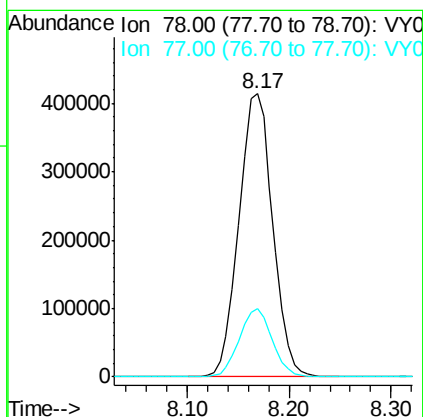
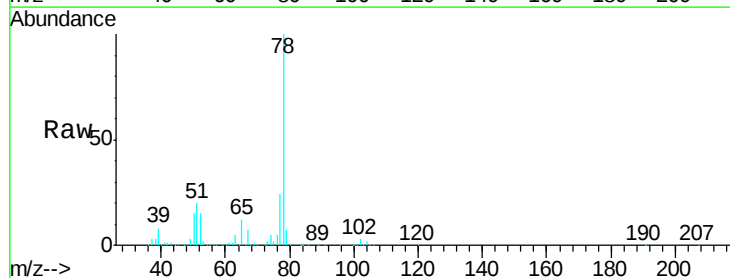
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

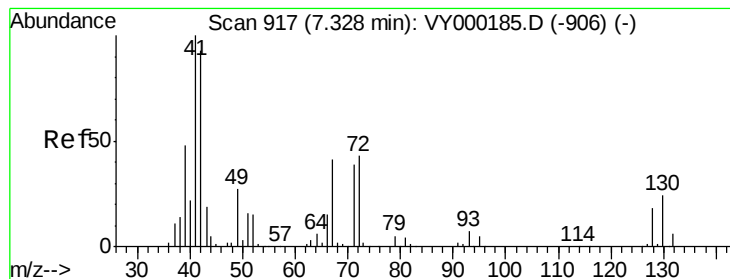
Tgt Ion: 83 Resp: 397573
Ion Ratio Lower Upper
83 100
55 64.9 52.4 78.6
98 50.5 41.7 62.5



#40
Benzene
Concen: 50.586 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 78 Resp: 952733
Ion Ratio Lower Upper
78 100
77 24.4 17.5 26.3





#41

Methacrylonitrile

Concen: 193.971 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

Tgt Ion: 41 Resp: 824592

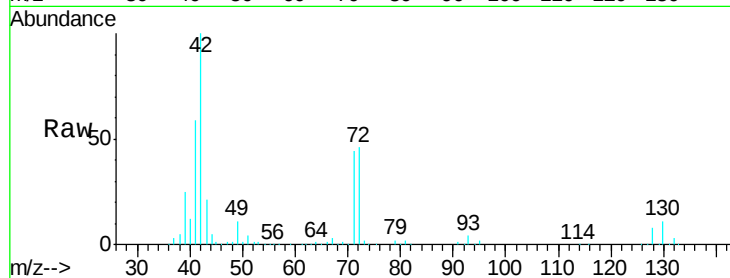
Ion Ratio Lower Upper

41 100

39 46.0 125.4 188.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

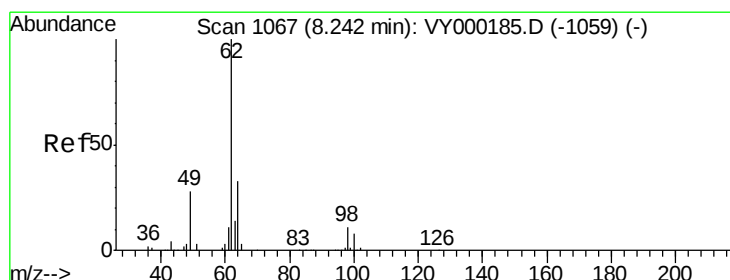
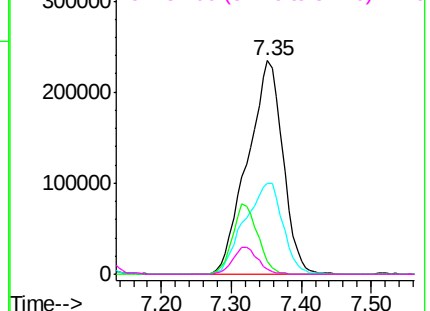
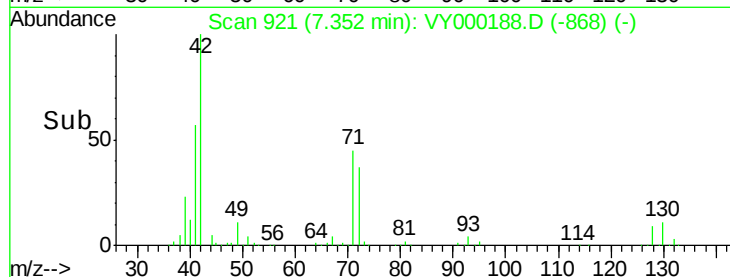


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 50.460 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY000188.D

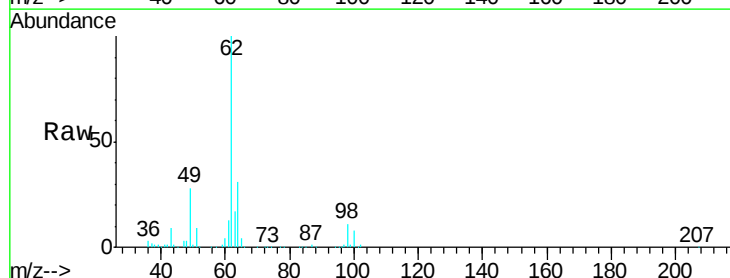
Acq: 03 Oct 2019 17:08

Tgt Ion: 62 Resp: 303088

Ion Ratio Lower Upper

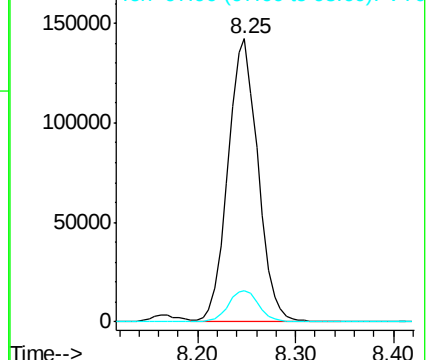
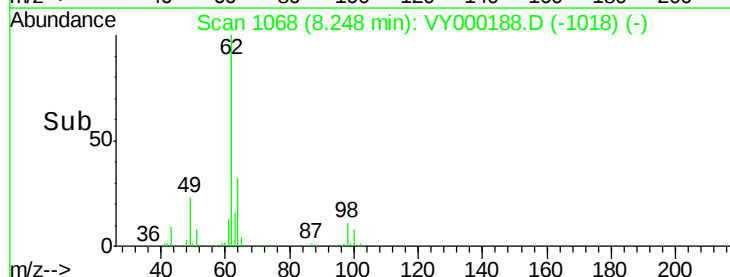
62 100

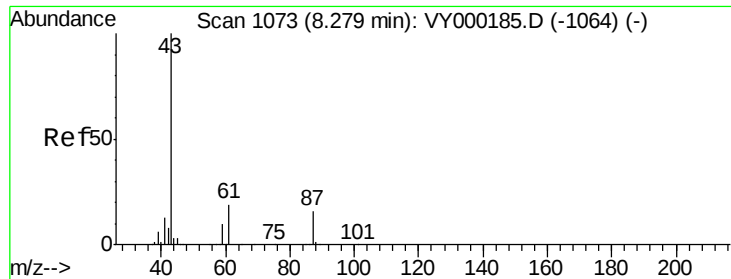
98 11.1 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.269 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

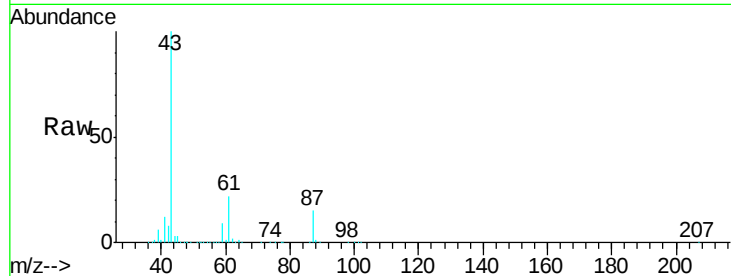
Tgt Ion: 43 Resp: 666689

Ion Ratio Lower Upper

43 100

61 26.1 21.4 32.2

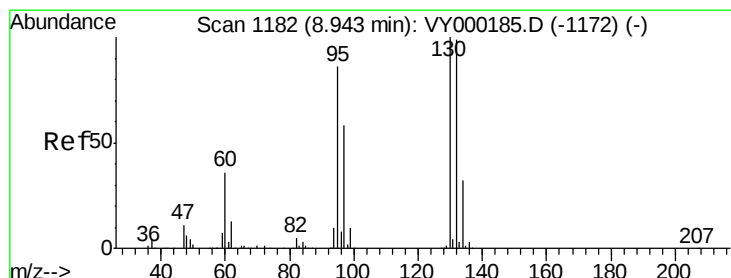
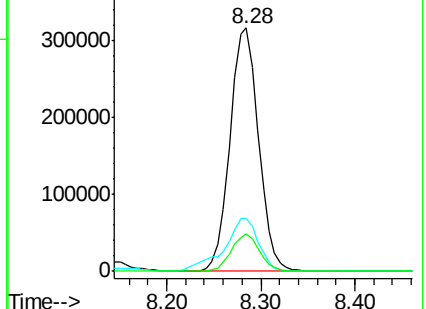
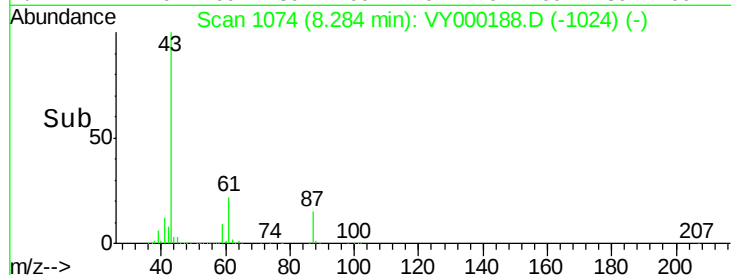
87 15.2 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY000188.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000188.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000188.D (-1074) (-)



#44

Trichloroethene

Concen: 49.093 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000188.D

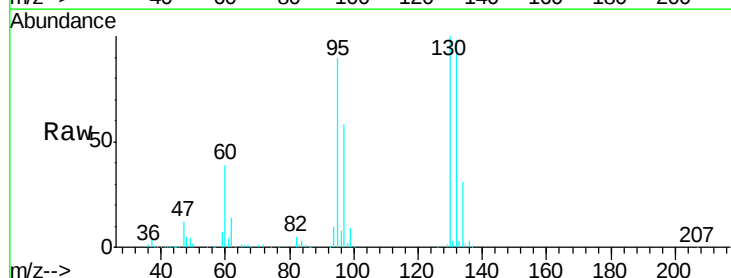
Acq: 03 Oct 2019 17:08

Tgt Ion: 130 Resp: 283412

Ion Ratio Lower Upper

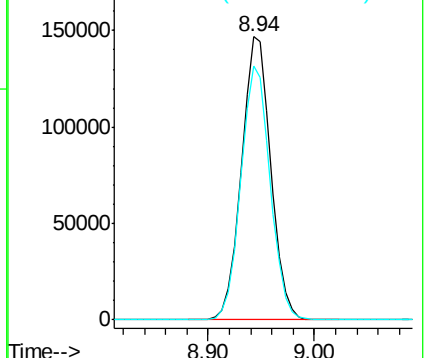
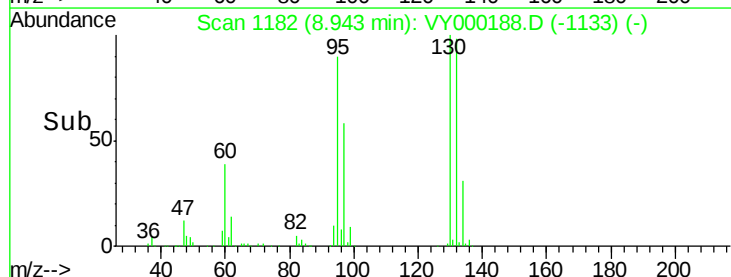
130 100

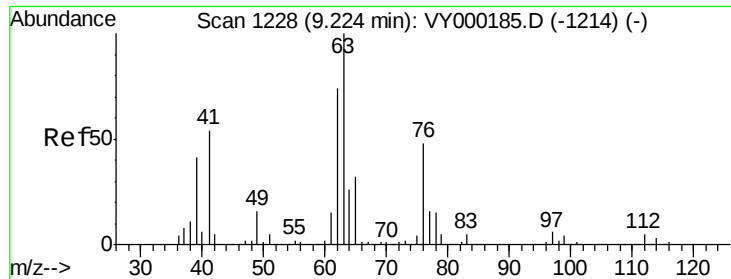
95 89.7 0.0 171.6



Abundance Ion 129.80 (129.50 to 130.50): VY000188.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY000188.D (-1182) (-)

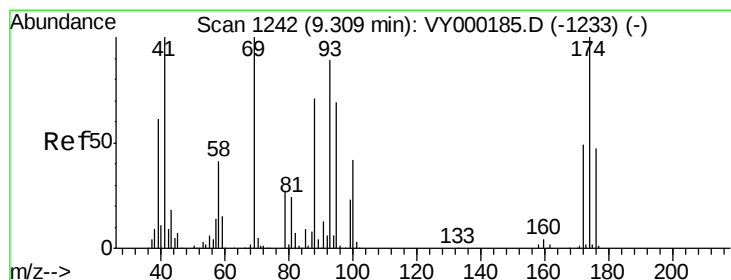
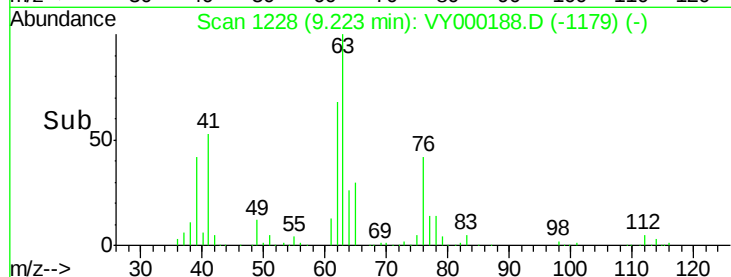
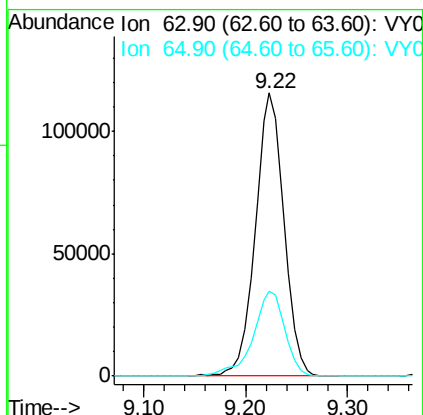
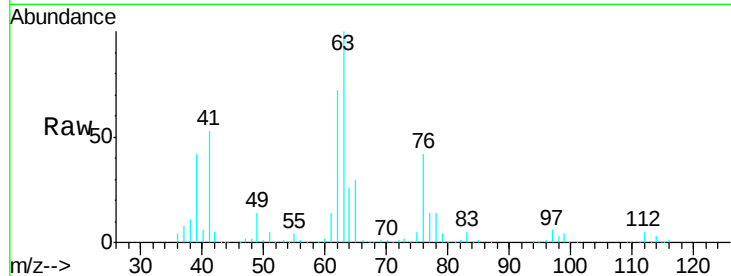




#45
 1,2-Dichloropropane
 Concen: 50.042 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

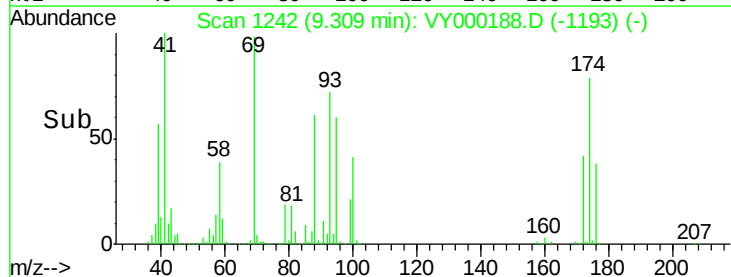
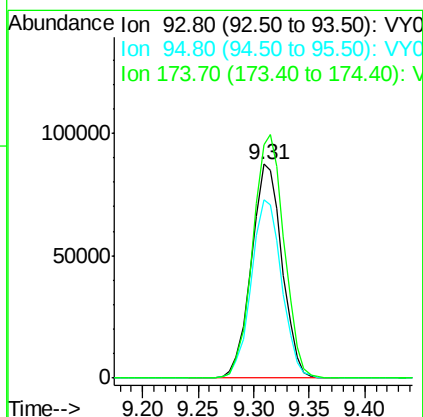
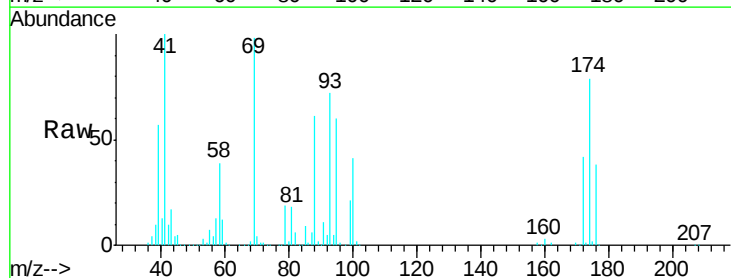
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

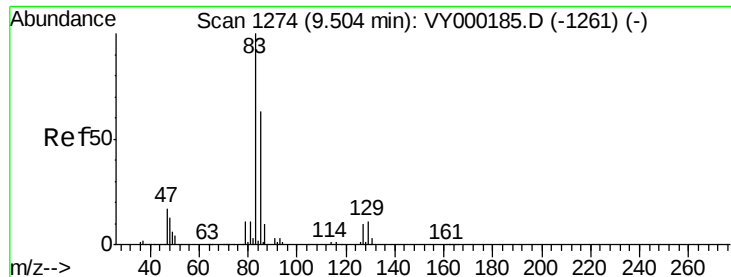
Tgt Ion: 63 Resp: 225628
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 49.649 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 93 Resp: 168273
 Ion Ratio Lower Upper
 93 100
 95 82.5 64.4 96.6
 174 115.8 95.1 142.7





#47

Bromodichloromethane

Concen: 51.234 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVYVY100319

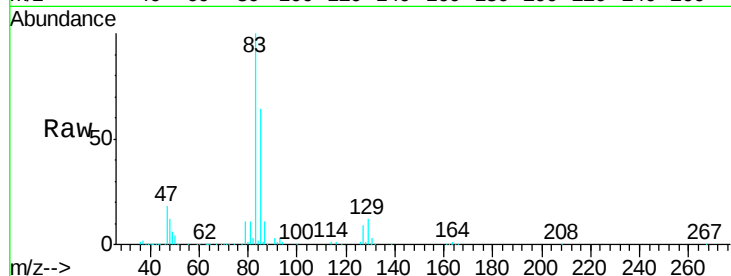
Tgt Ion: 83 Resp: 327093

Ion Ratio Lower Upper

83 100

85 64.0 50.6 76.0

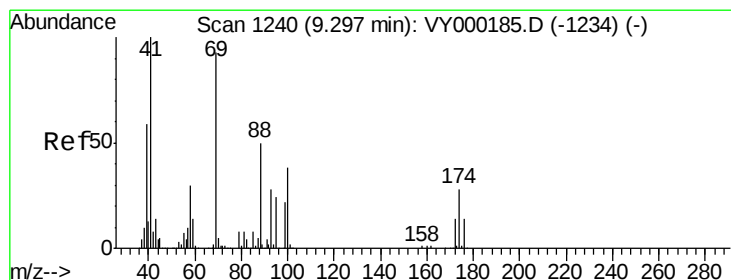
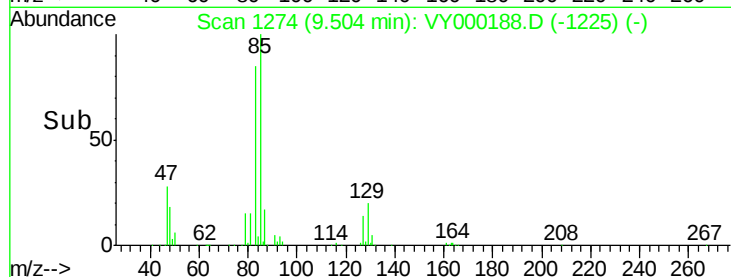
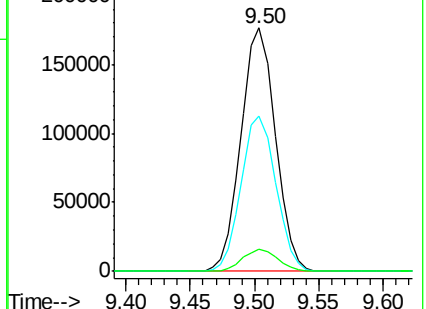
127 9.1 7.7 11.5



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): V



#48

Methyl methacrylate

Concen: 52.206 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

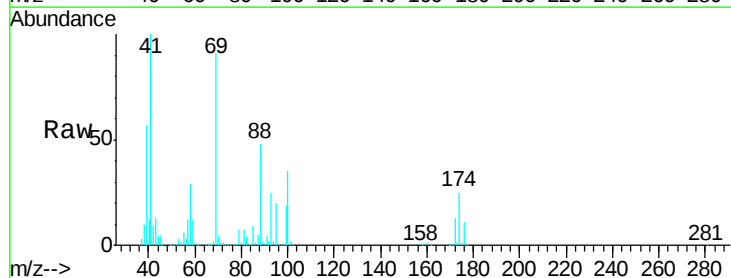
Tgt Ion: 41 Resp: 293185

Ion Ratio Lower Upper

41 100

69 95.6 76.5 114.7

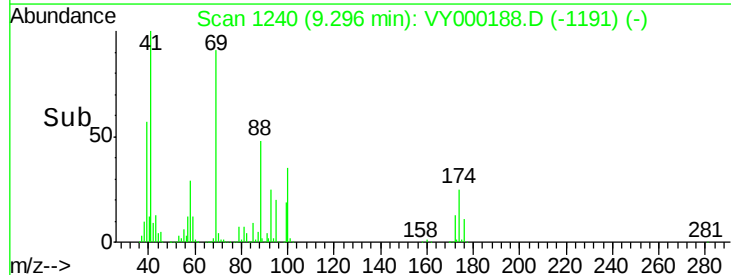
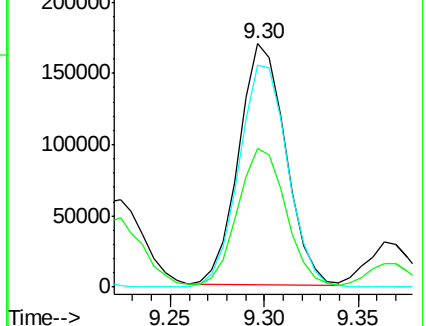
39 59.4 49.2 73.8

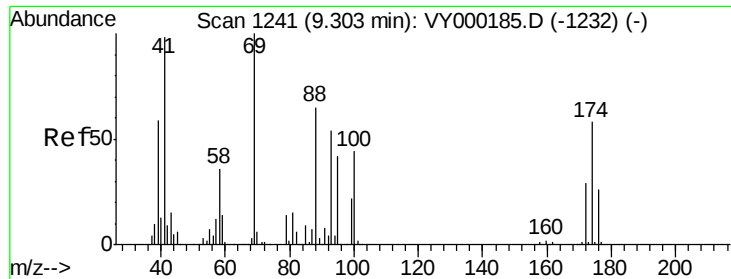


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

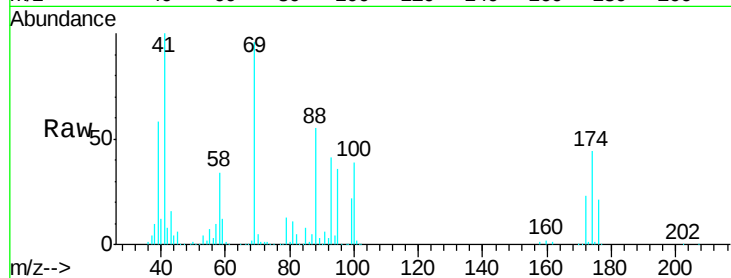




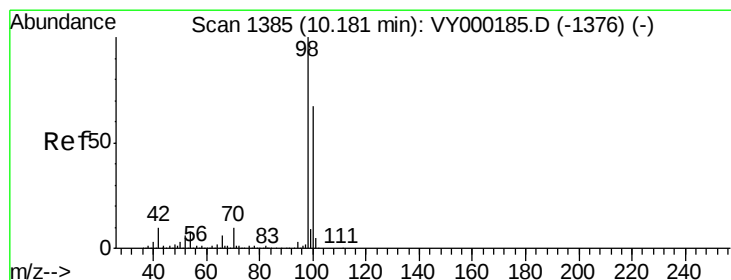
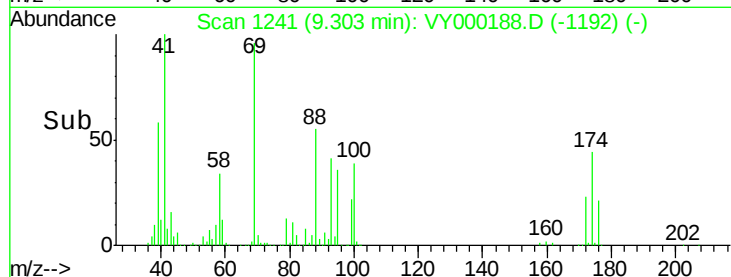
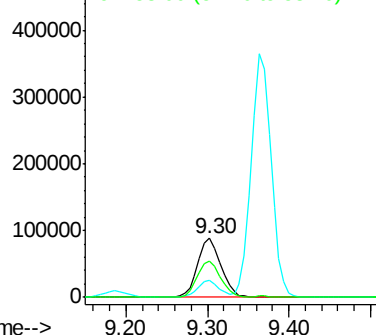
#49
1,4-Dioxane
Concen: 1003.886 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tgt Ion: 88 Resp: 174180
Ion Ratio Lower Upper
88 100
43 26.8 20.4 30.6
58 62.3 49.0 73.4

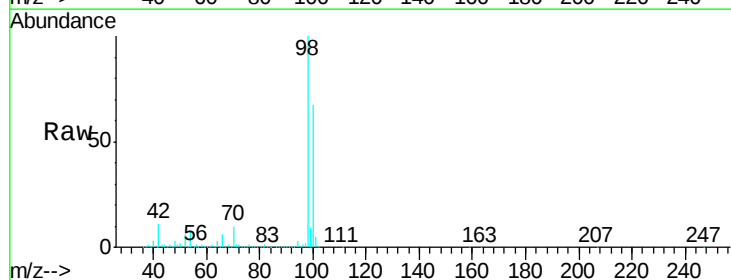


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

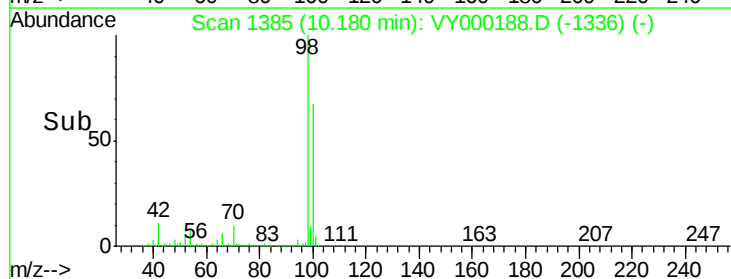
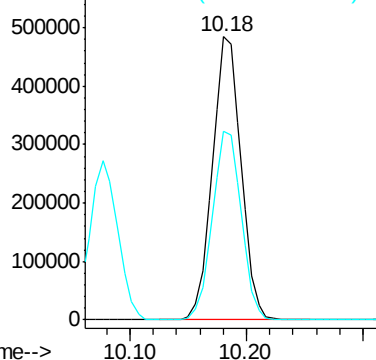


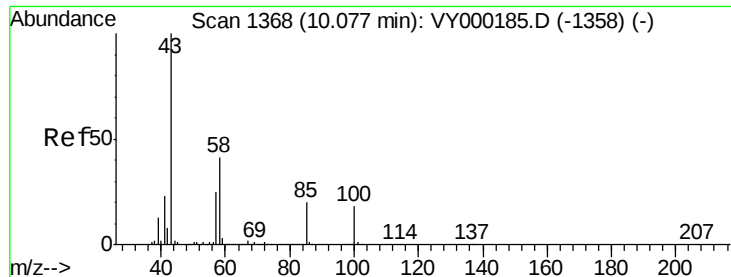
#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 98 Resp: 833000
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9



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

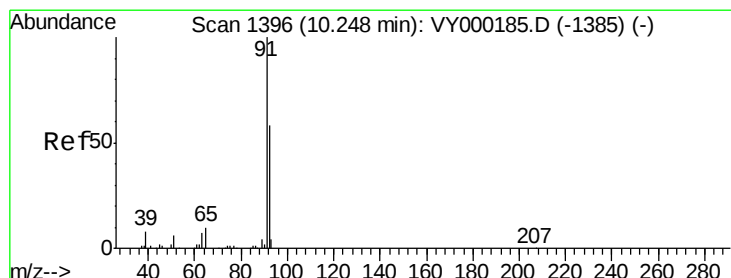
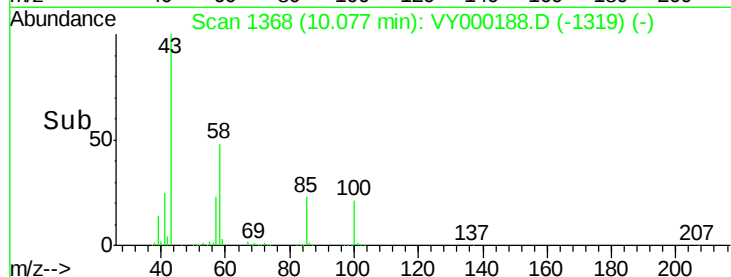
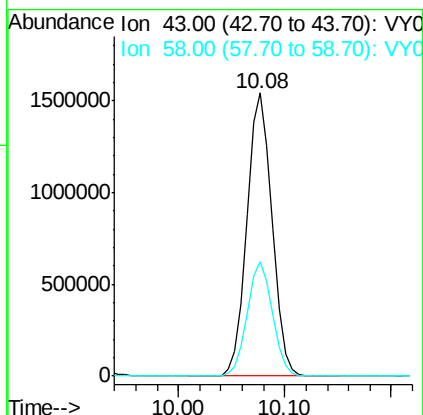
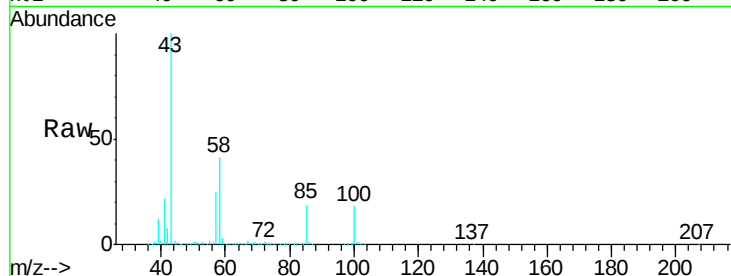




#51
 4-Methyl-2-Pentanone
 Concen: 269.513 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

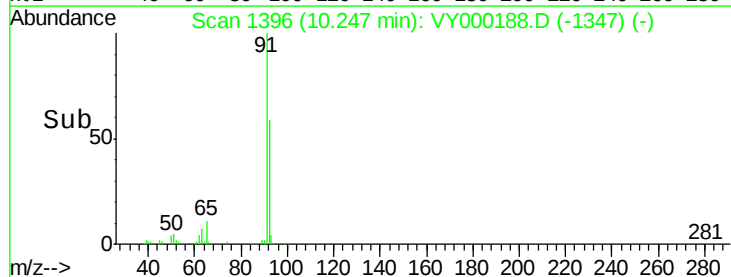
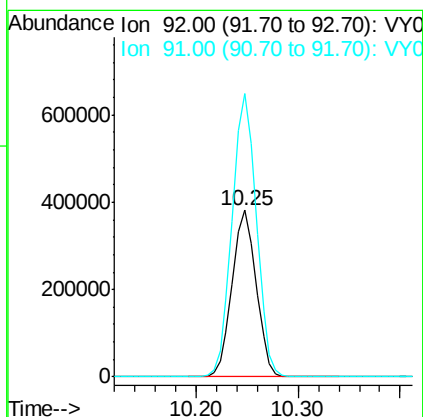
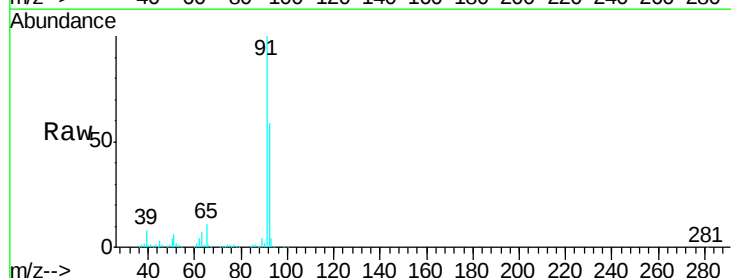
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

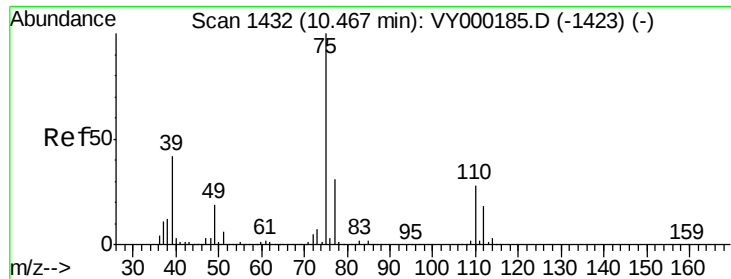
Tgt Ion: 43 Resp: 2552161
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.6 49.0



#52
 Toluene
 Concen: 50.380 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 92 Resp: 622744
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.736 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

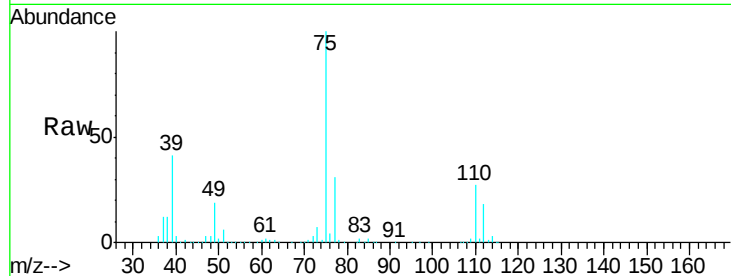
ICVVY100319

Tgt Ion: 75 Resp: 379333

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

250000

200000

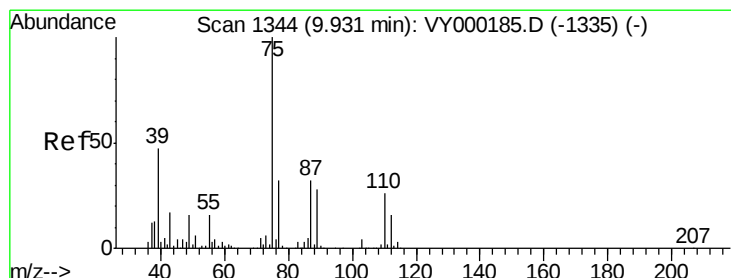
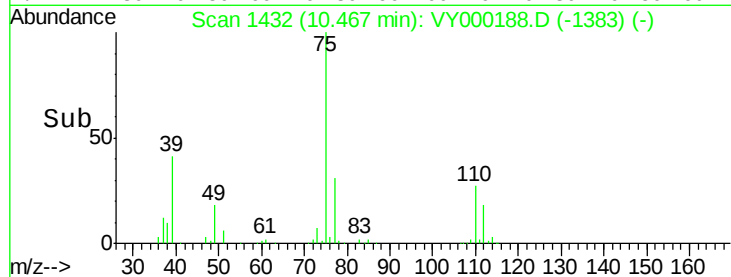
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.786 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

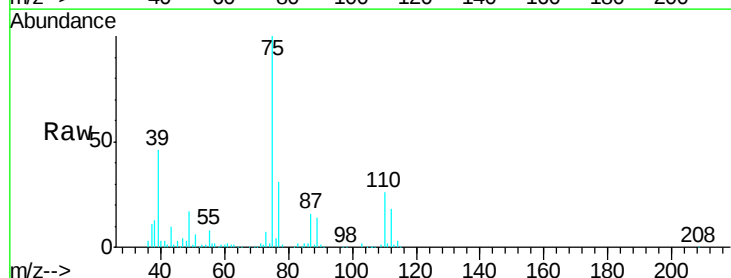
Tgt Ion: 75 Resp: 395526

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 45.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

300000

250000

200000

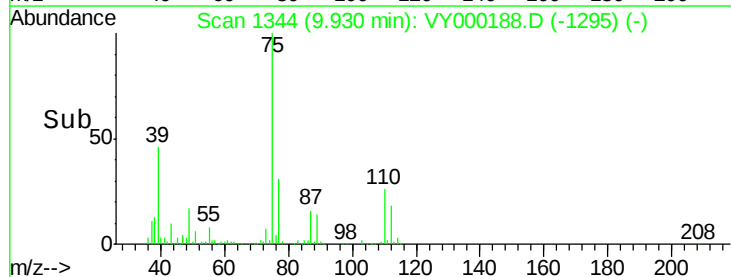
150000

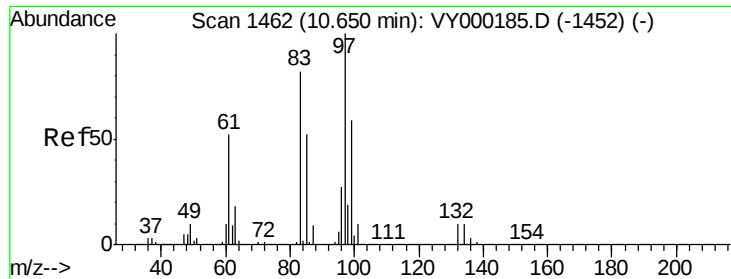
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.069 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100319

Tgt Ion: 97 Resp: 249187

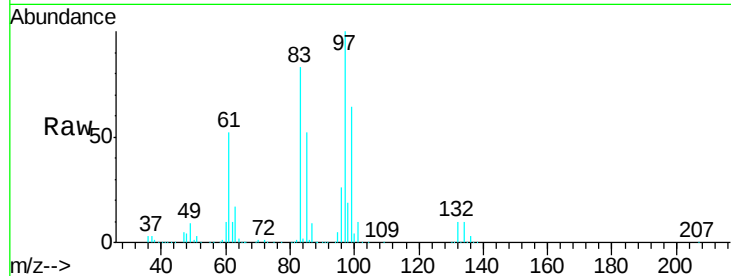
Ion Ratio Lower Upper

97 100

83 82.9 65.4 98.2

85 51.8 41.4 62.0

99 63.7 47.5 71.3

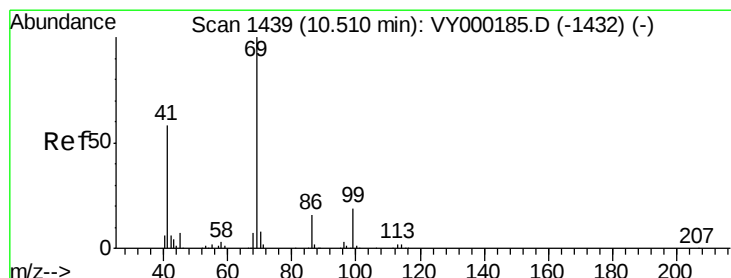
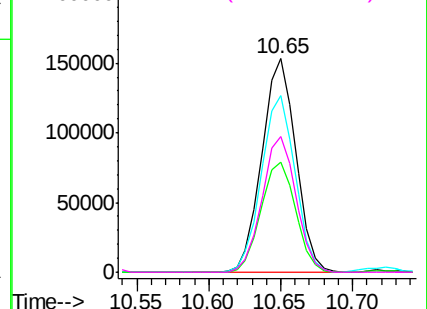
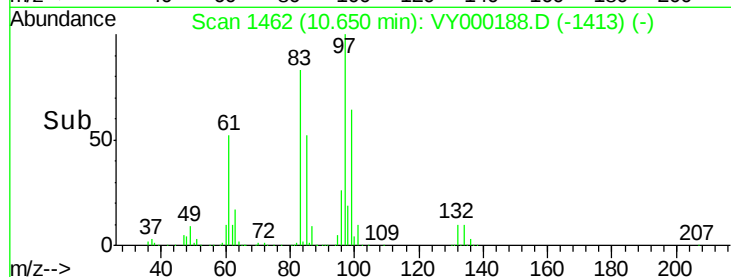


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 52.885 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

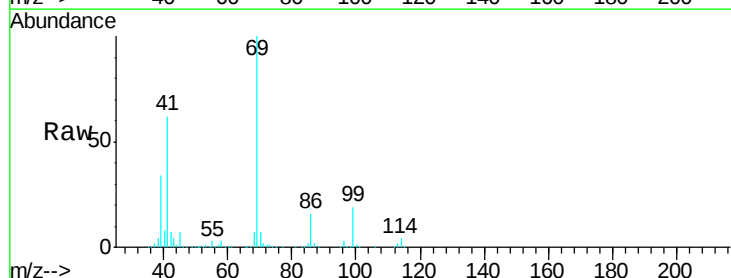
Tgt Ion: 69 Resp: 412594

Ion Ratio Lower Upper

69 100

41 61.6 48.1 72.1

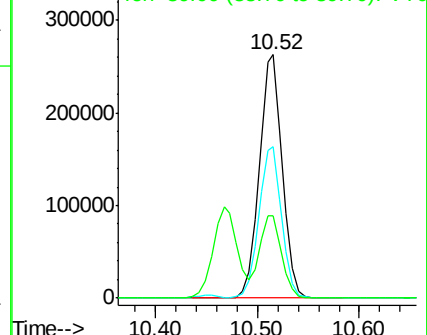
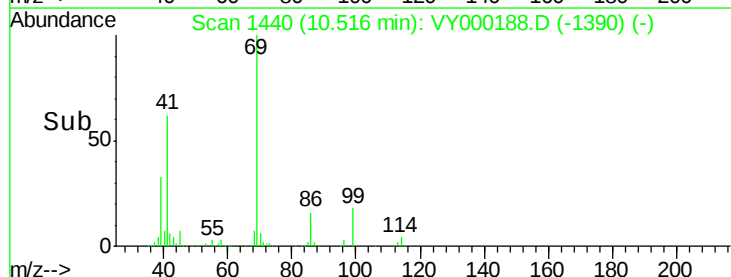
39 33.0 27.2 40.8

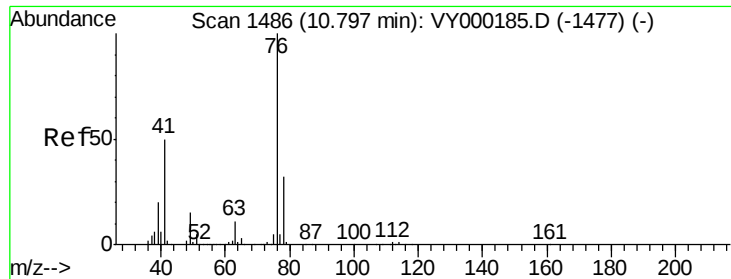


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.195 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampled :

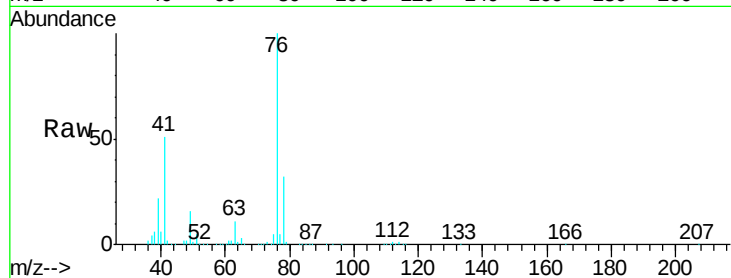
ICVVY100319

Tgt Ion: 76 Resp: 398571

Ion Ratio Lower Upper

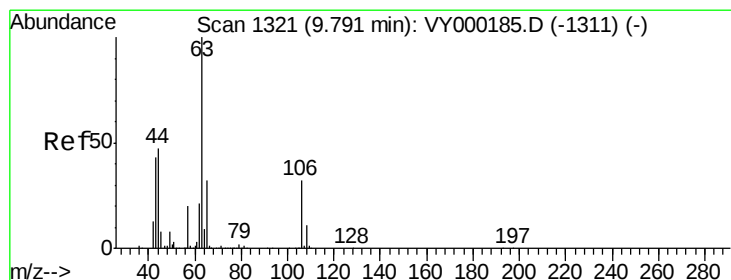
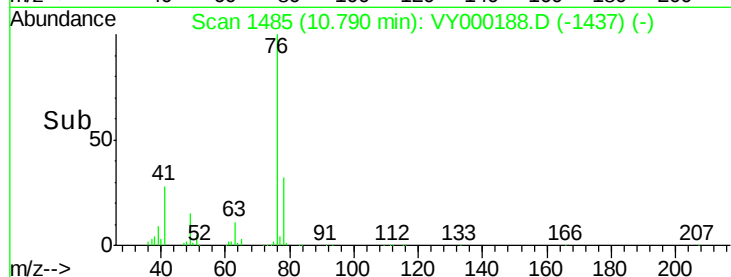
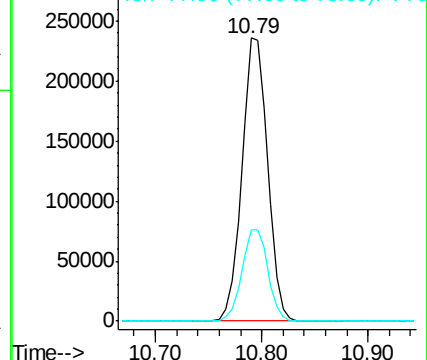
76 100

78 32.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 270.816 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000188.D

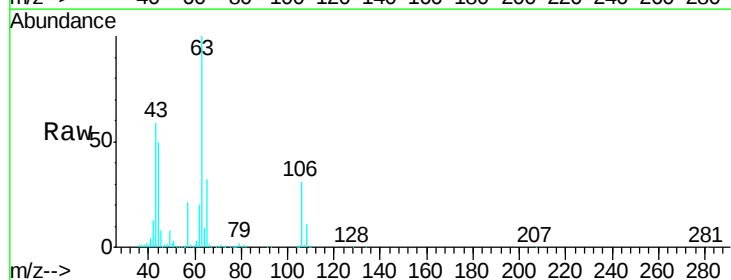
Acq: 03 Oct 2019 17:08

Tgt Ion: 63 Resp: 1007659

Ion Ratio Lower Upper

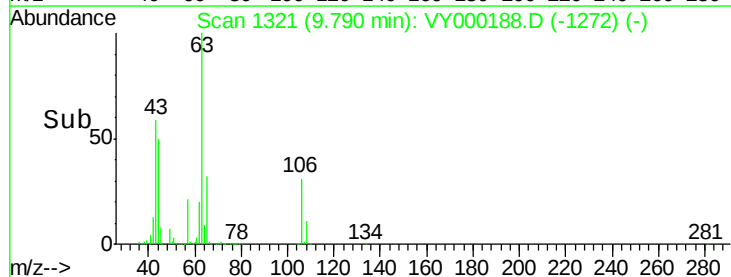
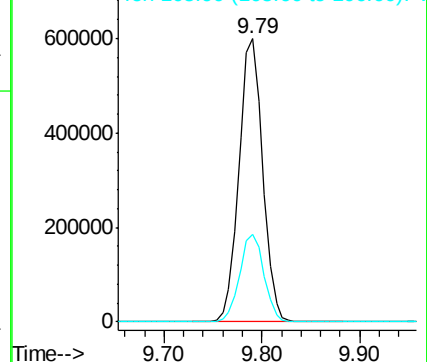
63 100

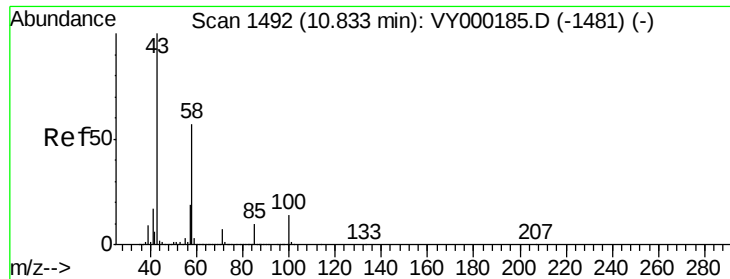
106 31.6 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 275.769 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

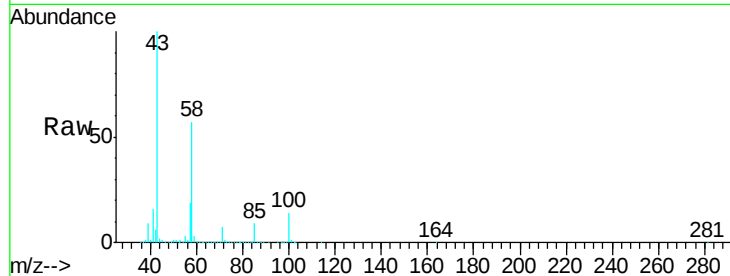
ICVVY100319

Tgt Ion: 43 Resp: 2204236

Ion Ratio Lower Upper

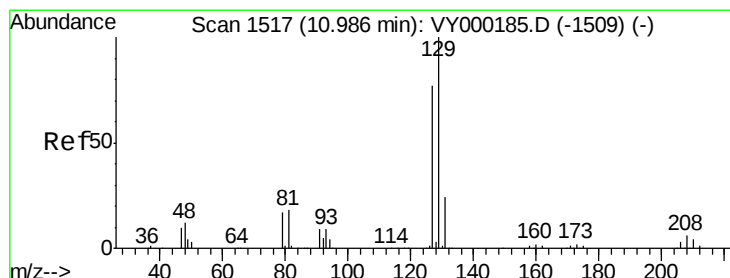
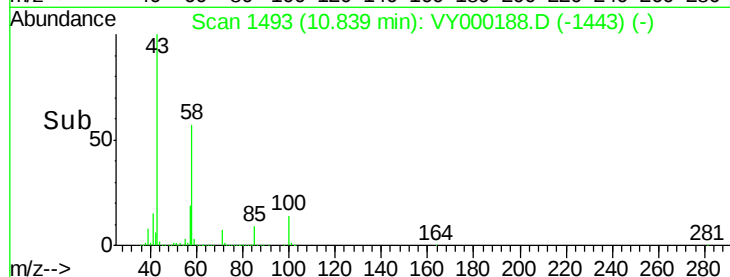
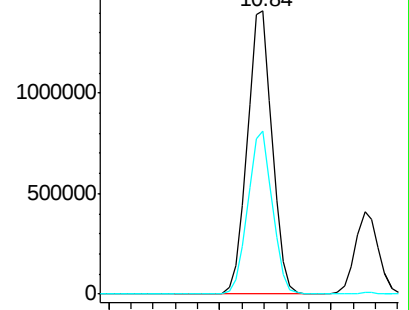
43 100

58 56.8 28.6 85.8



Abundance Ion 43.00 (42.70 to 43.70): VY000185.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY000185.D (-1481) (-)



#60

Dibromochloromethane

Concen: 51.449 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VY000188.D

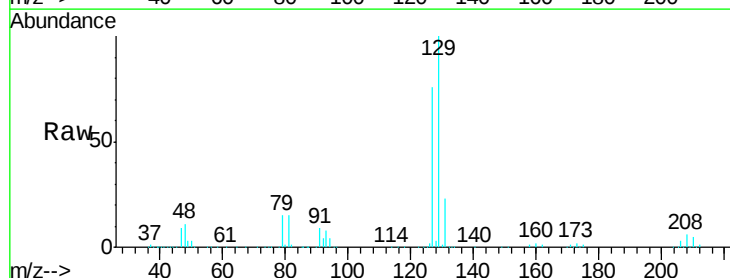
Acq: 03 Oct 2019 17:08

Tgt Ion: 129 Resp: 290287

Ion Ratio Lower Upper

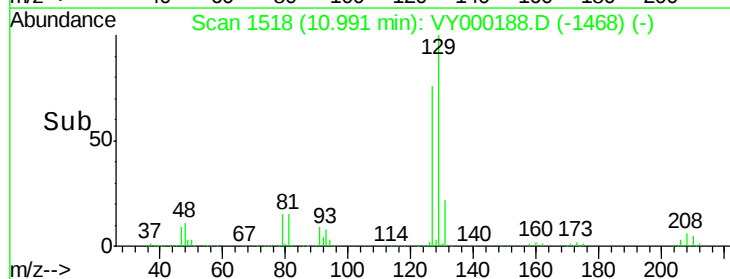
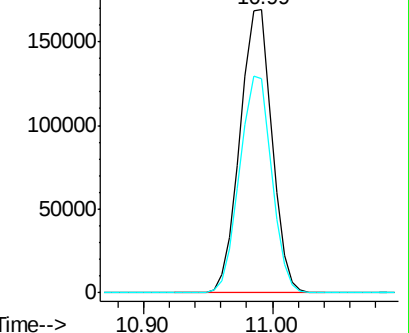
129 100

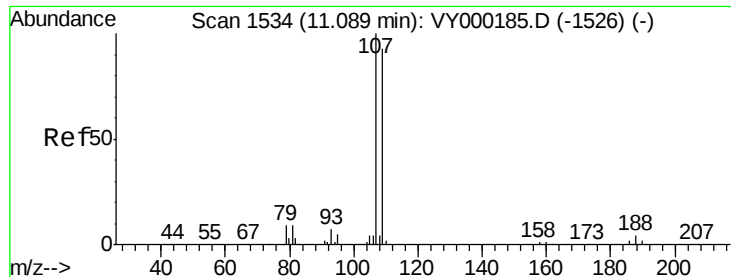
127 76.6 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): VY000185.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY000185.D (-1509) (-)

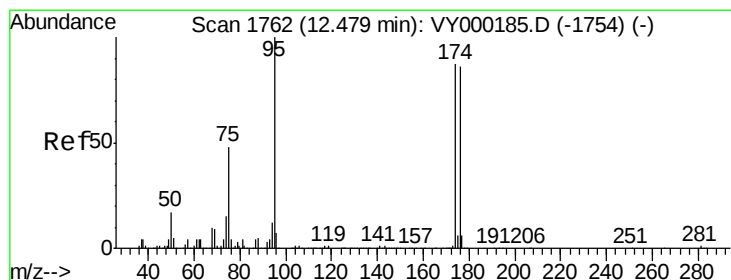
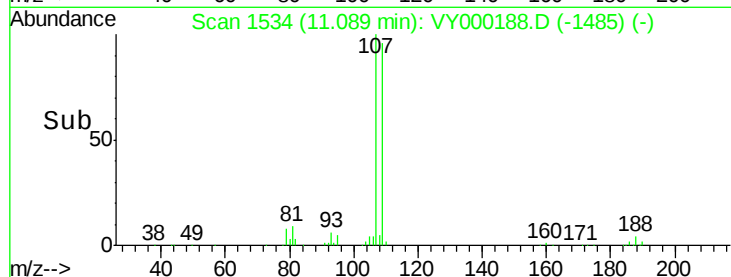
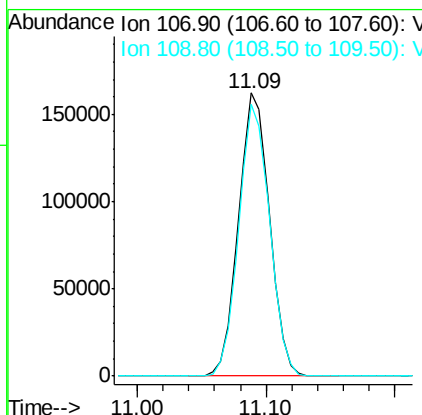
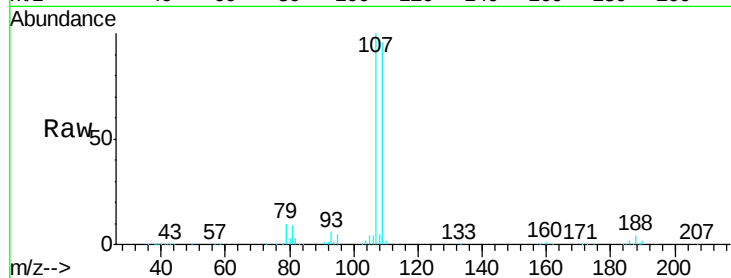




#61
 1,2-Dibromoethane
 Concen: 50.334 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

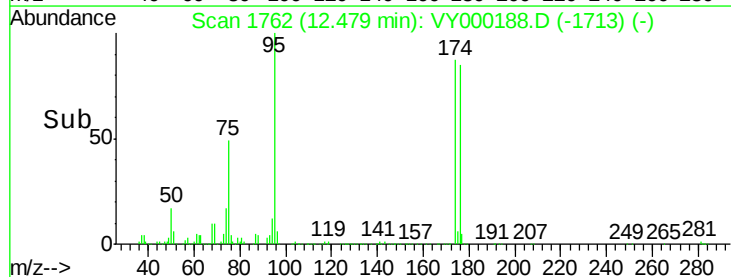
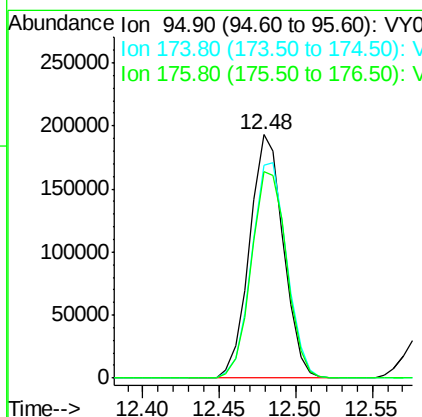
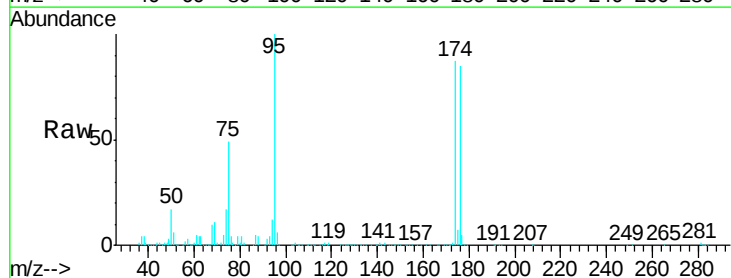
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

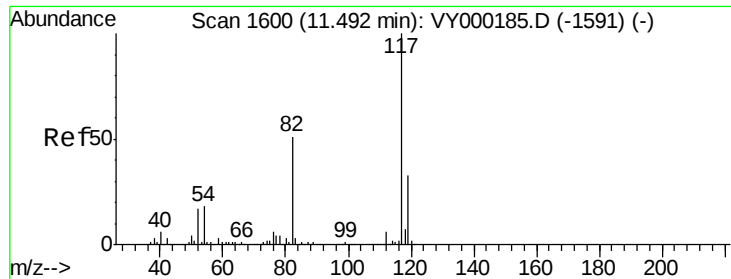
Tgt Ion: 107 Resp: 269550
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.124 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion: 95 Resp: 296949
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 188.6
 176 88.6 0.0 183.6

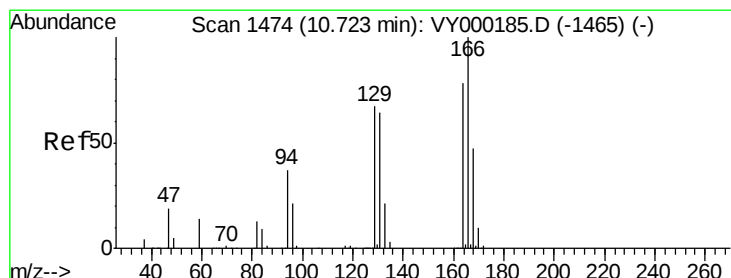
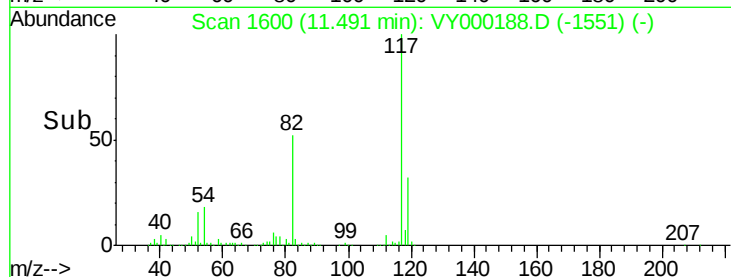
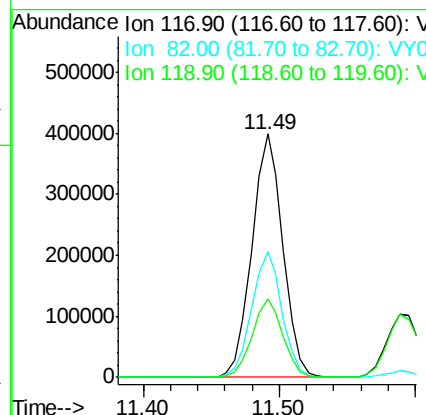
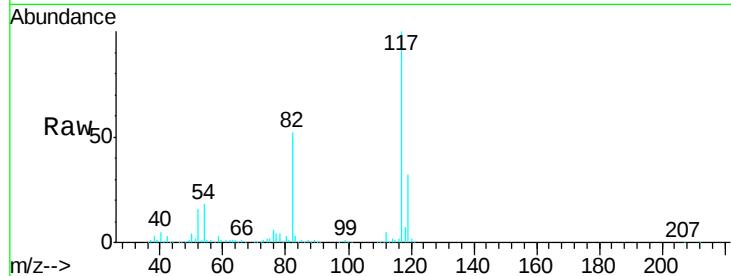




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

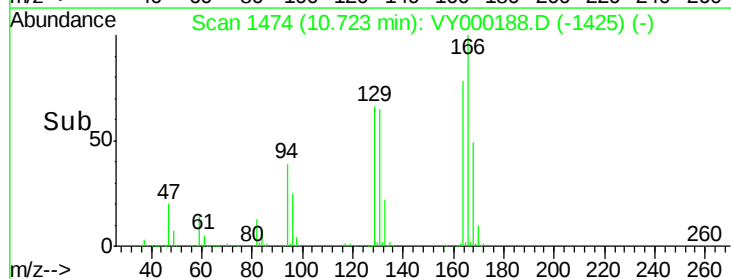
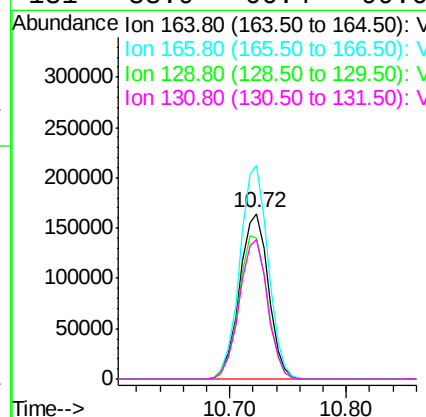
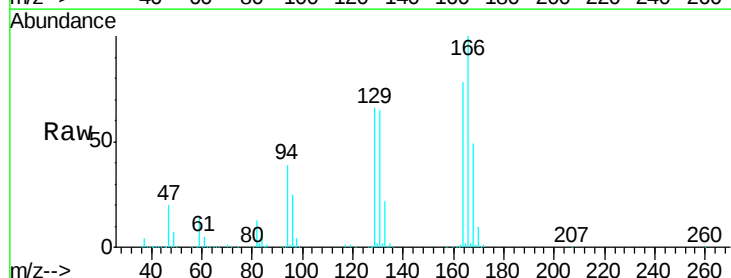
Instrument :
MSVOA_Y
ClientSampleId :
ICVYV100319

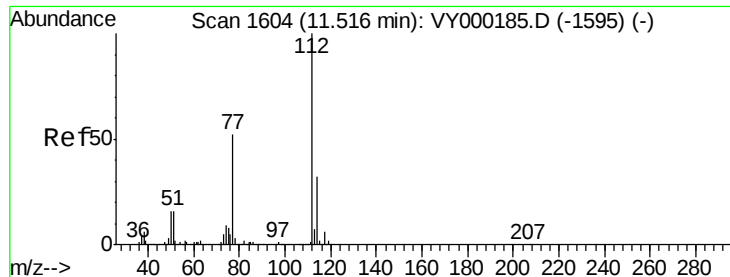
Tgt Ion:117 Resp: 631641
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.4
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 48.011 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion:164 Resp: 284210
Ion Ratio Lower Upper
164 100
166 128.9 103.2 154.8
129 85.0 69.0 103.4
131 83.9 66.4 99.6

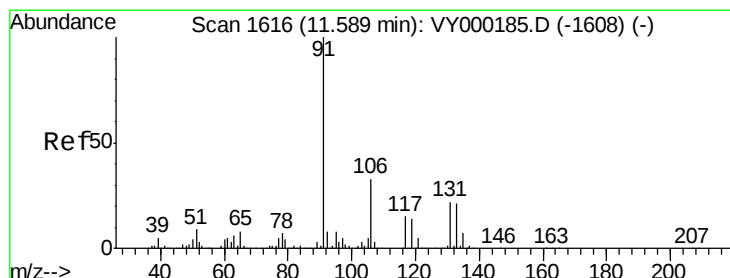
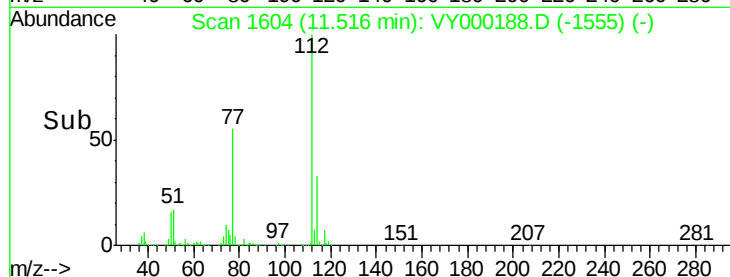
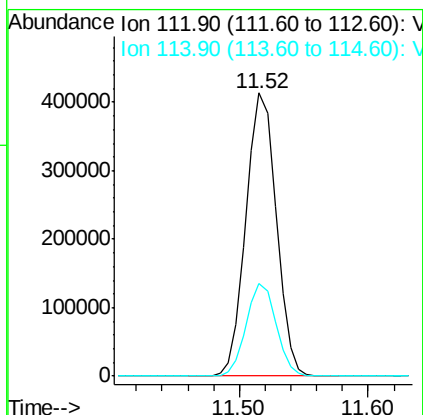
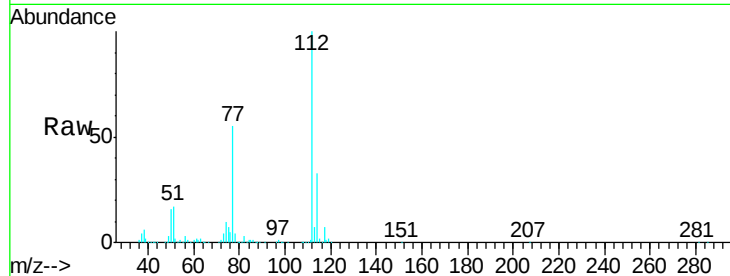




#65
Chlorobenzene
Concen: 49.340 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

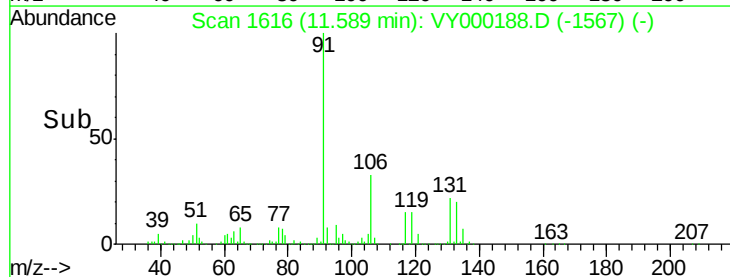
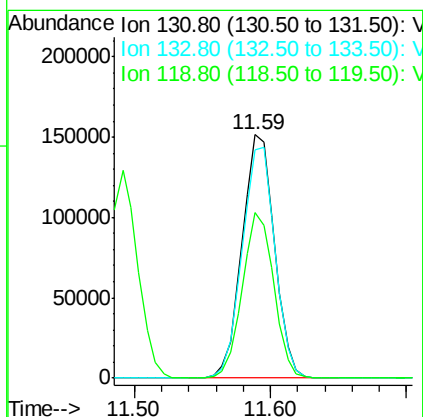
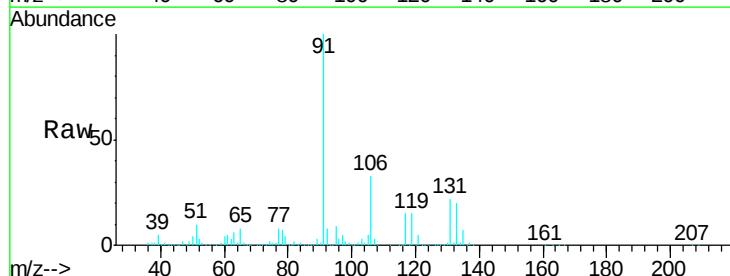
Instrument :
MSVOA_Y
ClientSampleId :
ICVYV100319

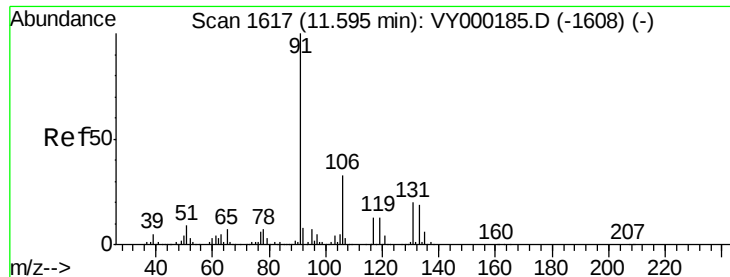
Tgt Ion:112 Resp: 672880
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.343 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion:131 Resp: 252510
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 65.9 32.6 98.0





#67

Ethyl Benzene

Concen: 50.255 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

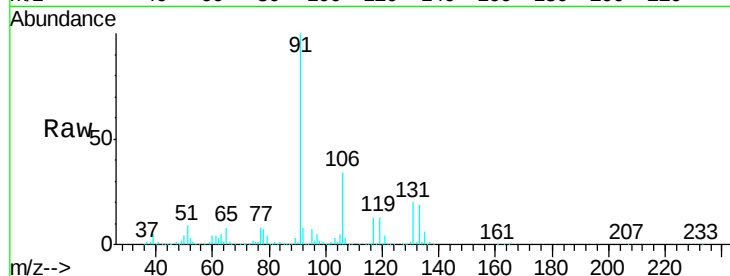
ICVVY100319

Tgt Ion: 91 Resp: 1173742

Ion Ratio Lower Upper

91 100

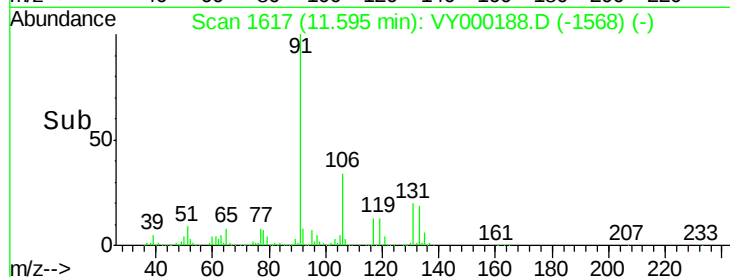
106 33.8 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VY000185.D (-1608) (-)

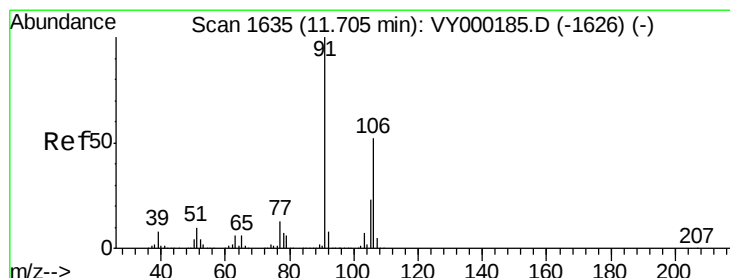
Ion 106.00 (105.70 to 106.70): VY000185.D (-1608) (-)

Time-->



Abundance

Time-->



#68

m/p-Xylenes

Concen: 100.048 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000188.D

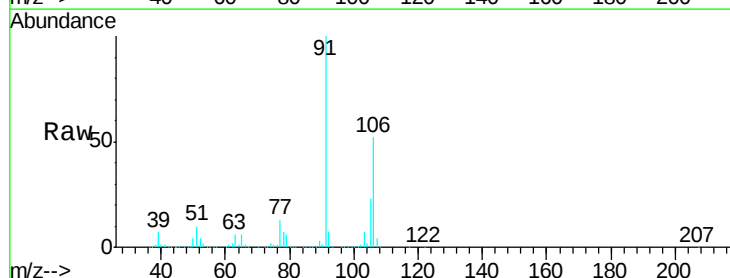
Acq: 03 Oct 2019 17:08

Tgt Ion: 106 Resp: 939289

Ion Ratio Lower Upper

106 100

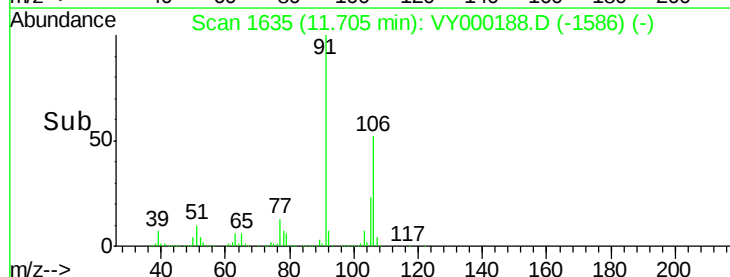
91 190.6 151.7 227.5



Abundance Ion 106.00 (105.70 to 106.70): VY000185.D (-1626) (-)

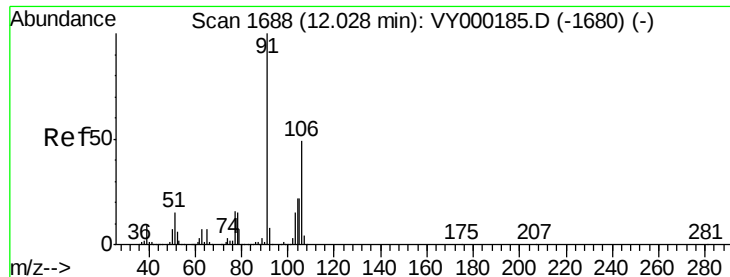
Ion 91.00 (90.70 to 91.70): VY000185.D (-1626) (-)

Time-->



Abundance

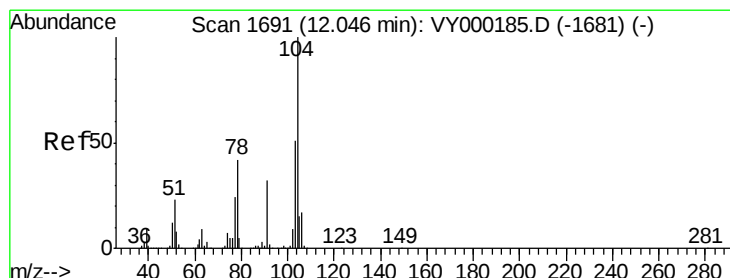
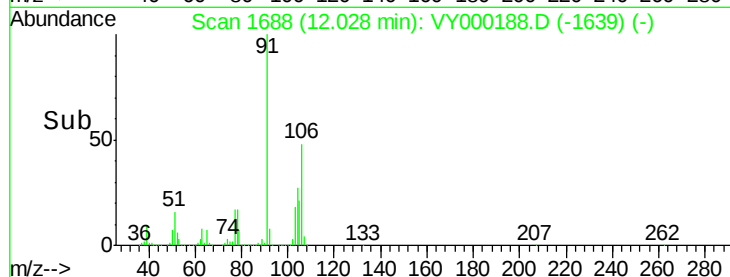
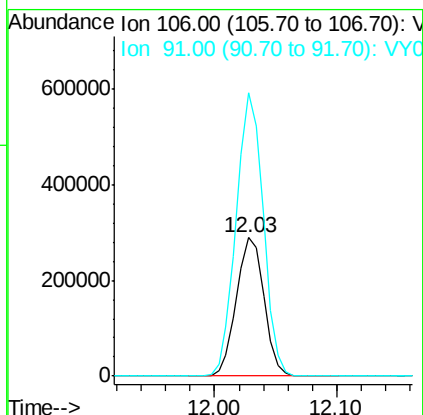
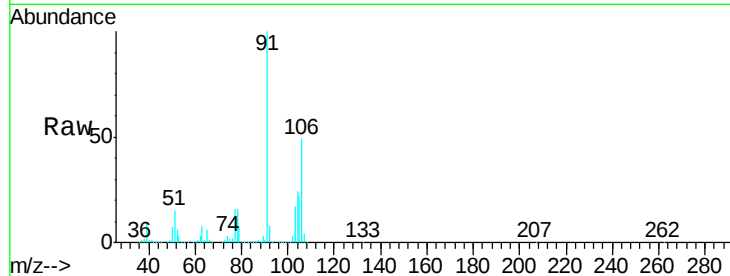
Time-->



#69
o-Xylene
Concen: 50.603 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

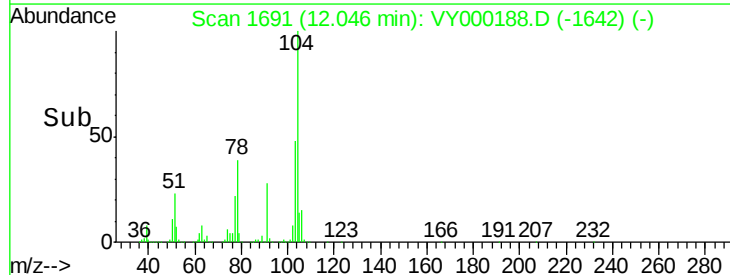
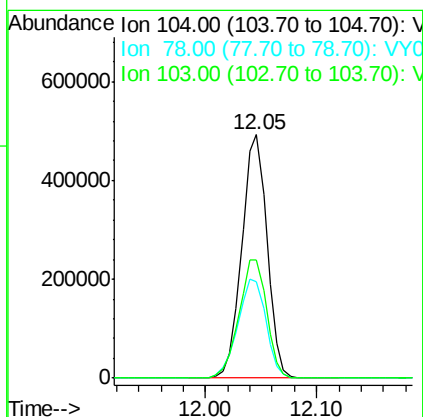
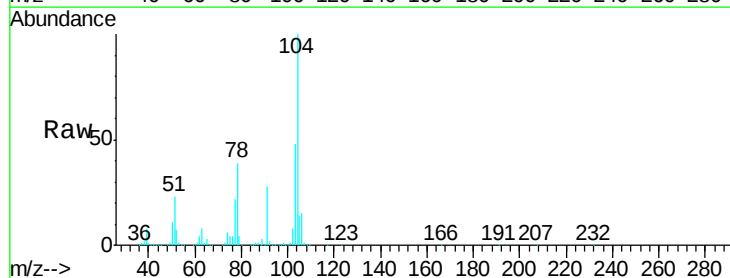
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

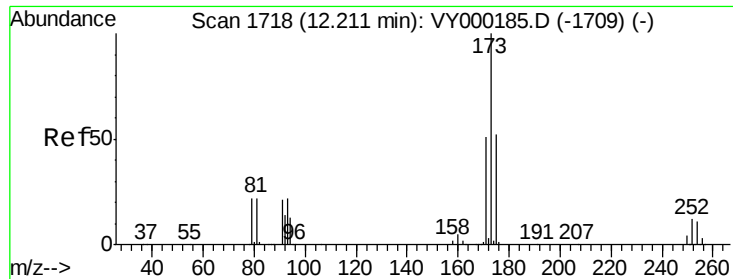
Tgt Ion:106 Resp: 451846
Ion Ratio Lower Upper
106 100
91 201.1 98.7 296.1



#70
Styrene
Concen: 51.404 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion:104 Resp: 774366
Ion Ratio Lower Upper
104 100
78 45.4 36.3 54.5
103 53.6 43.1 64.7





#71

Bromoform

Concen: 52.355 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

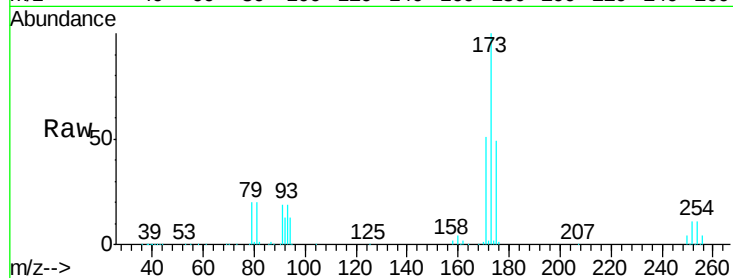
Tgt Ion:173 Resp: 238610

Ion Ratio Lower Upper

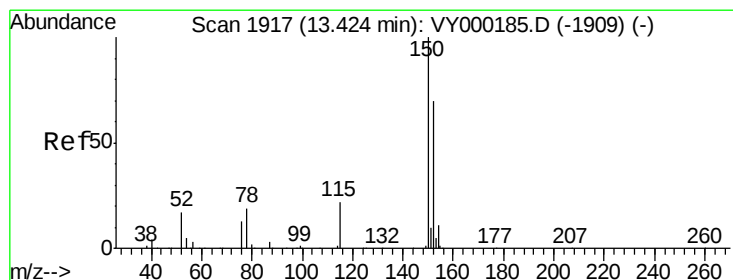
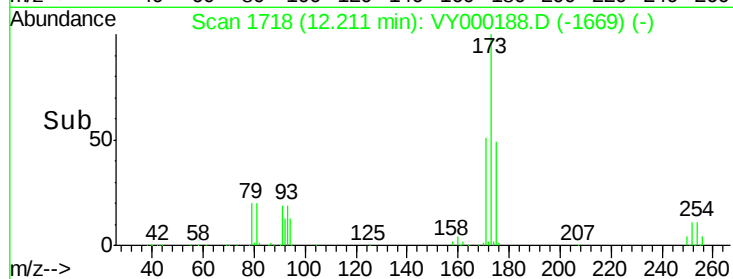
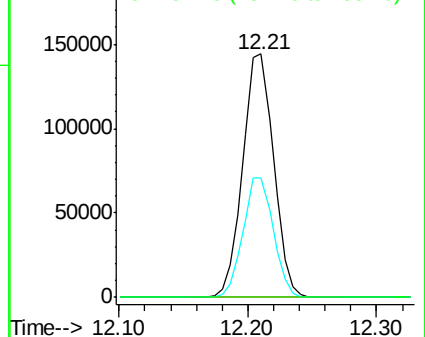
173 100

175 48.6 24.5 73.5

254 0.1 0.1 0.1



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: VY000188.D

Acq: 03 Oct 2019 17:08

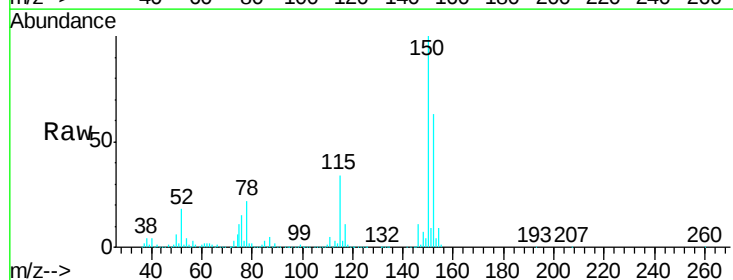
Tgt Ion:152 Resp: 323113

Ion Ratio Lower Upper

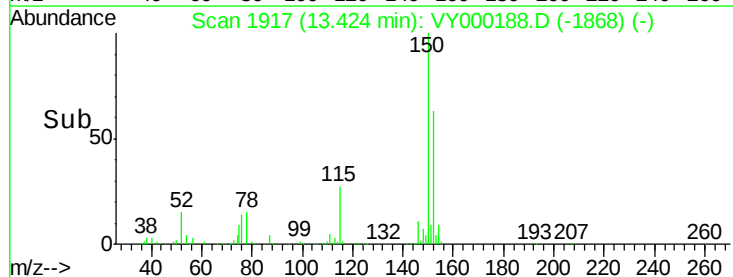
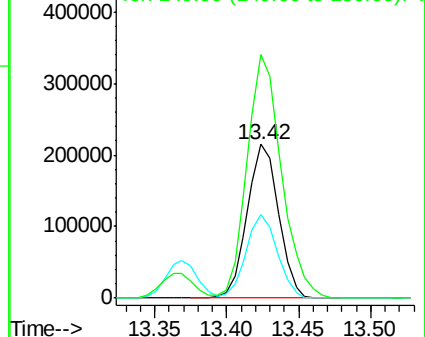
152 100

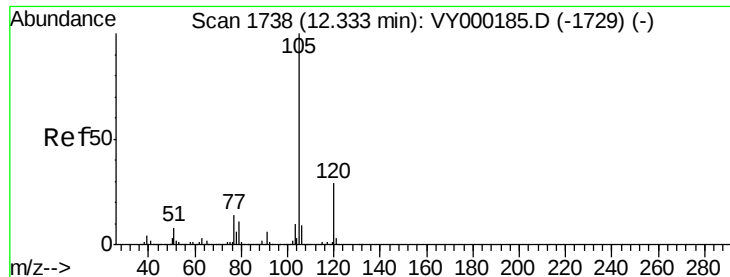
115 54.3 27.2 81.6

150 174.3 0.0 351.2



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: 49.088 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

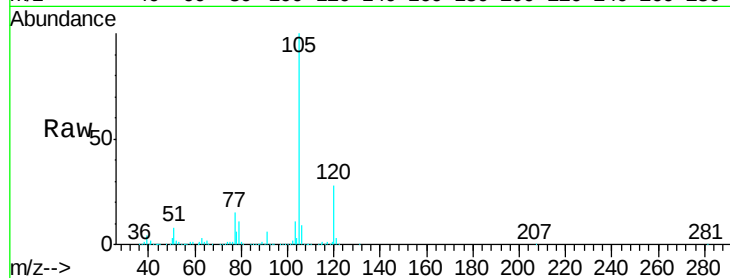
ICVY100319

Tgt Ion: 105 Resp: 1167152

Ion Ratio Lower Upper

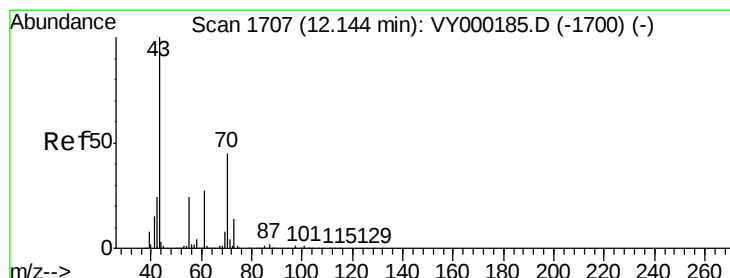
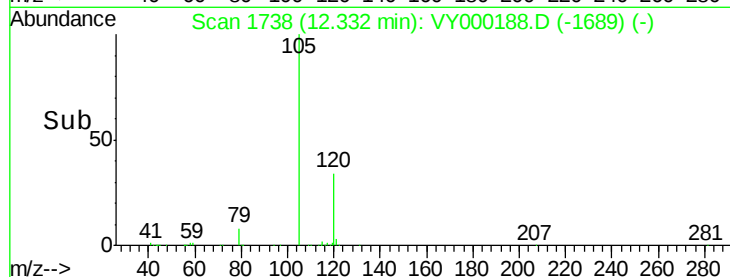
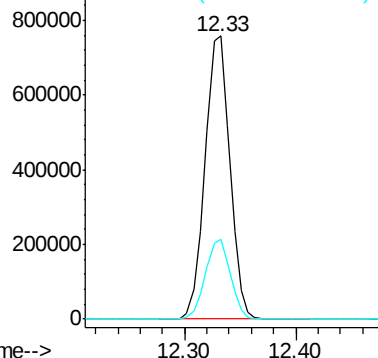
105 100

120 28.5 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.215 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Tgt Ion: 43 Resp: 543587

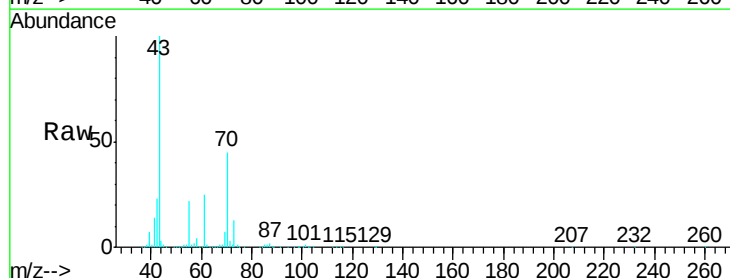
Ion Ratio Lower Upper

43 100

70 45.2 36.7 55.1

55 22.5 18.6 27.8

61 25.3 21.0 31.6

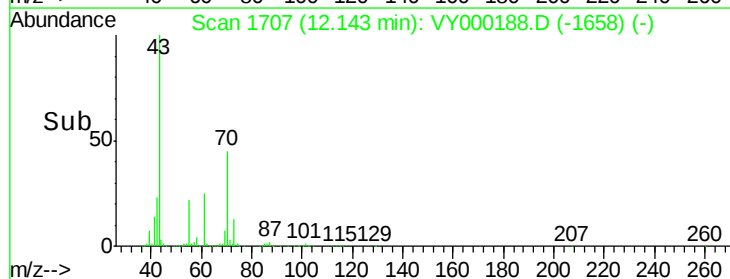
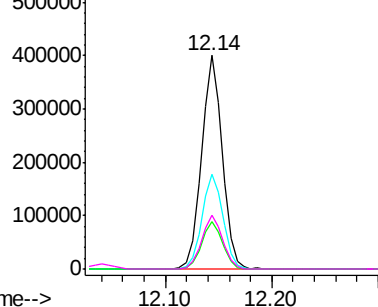


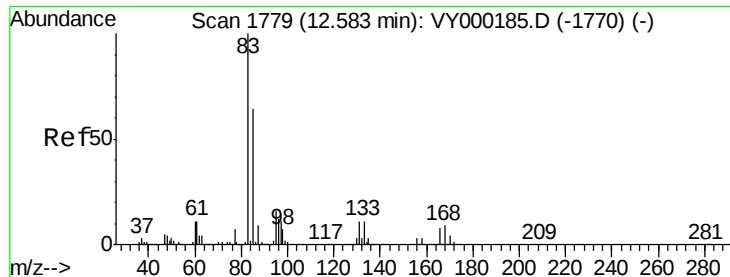
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.314 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVYVY100319

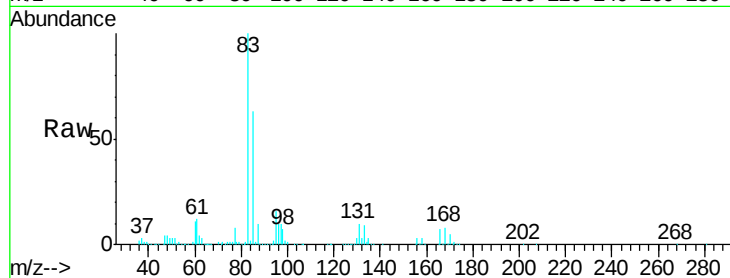
Tgt Ion: 83 Resp: 388614

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

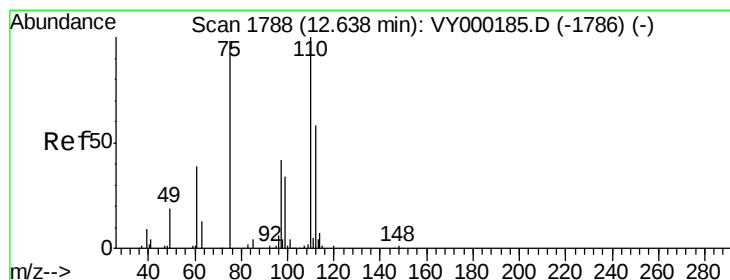
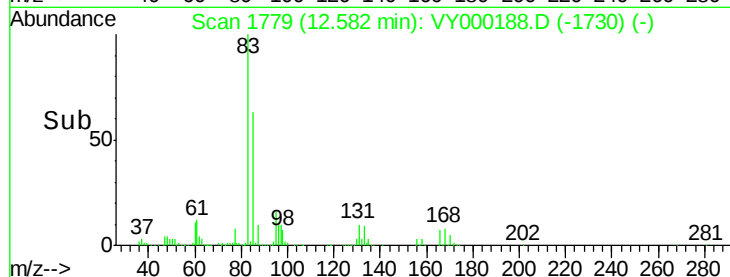
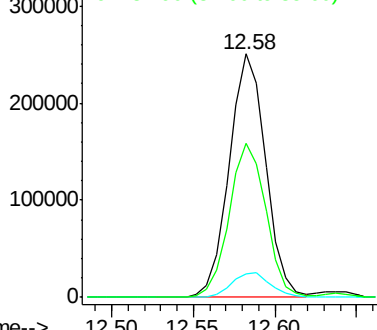
85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 105.873 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000188.D

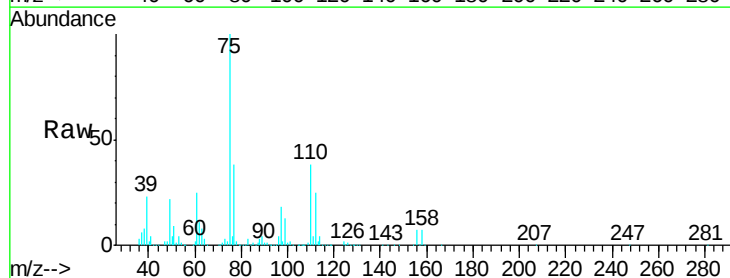
Acq: 03 Oct 2019 17:08

Tgt Ion: 75 Resp: 576958

Ion Ratio Lower Upper

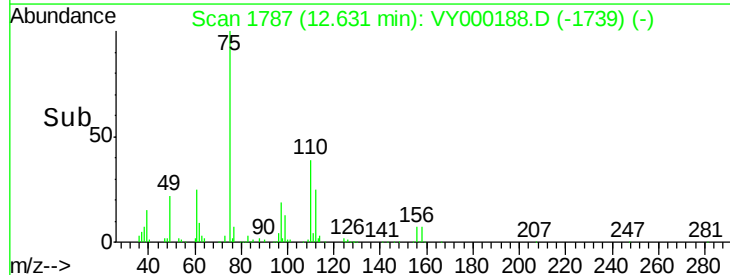
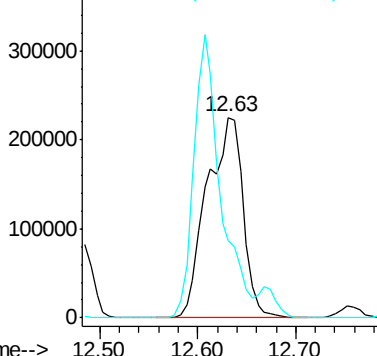
75 100

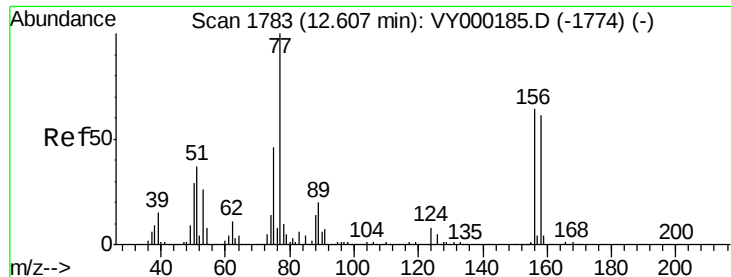
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

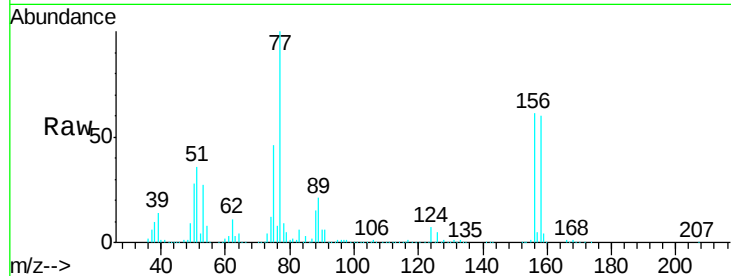




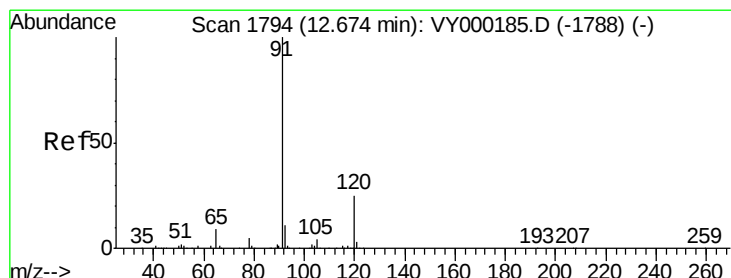
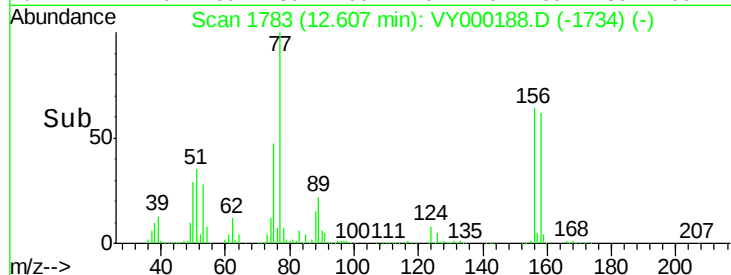
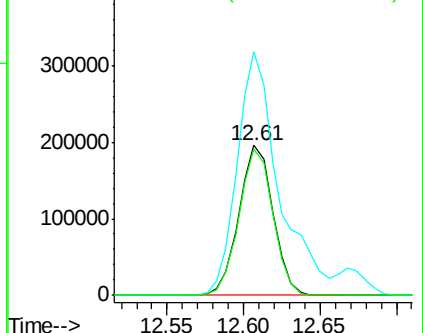
#77
Bromobenzene
Concen: 49.232 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

Tgt Ion:156 Resp: 302084
Ion Ratio Lower Upper
156 100
77 199.0 95.3 285.8
158 97.2 48.0 144.2

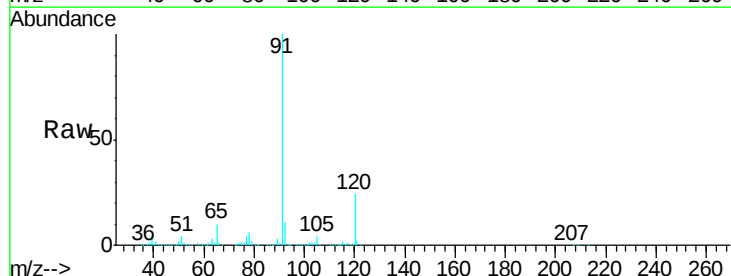


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

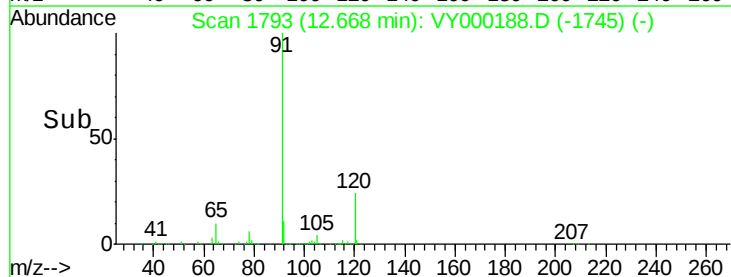
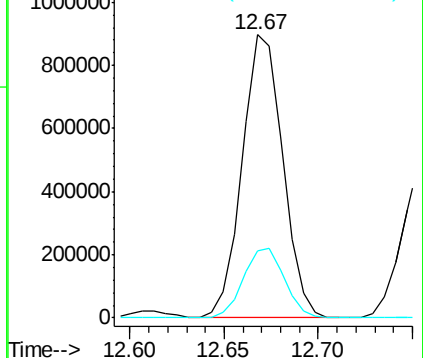


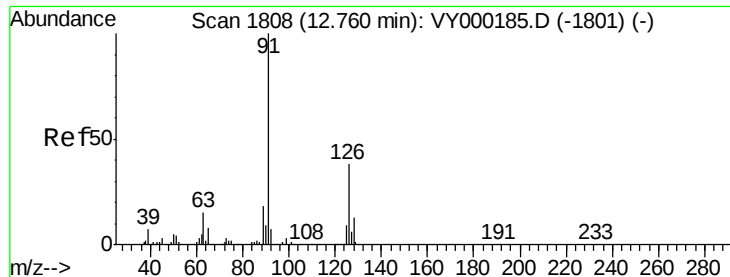
#78
n-propylbenzene
Concen: 50.331 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 91 Resp: 1342342
Ion Ratio Lower Upper
91 100
120 24.7 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.773 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

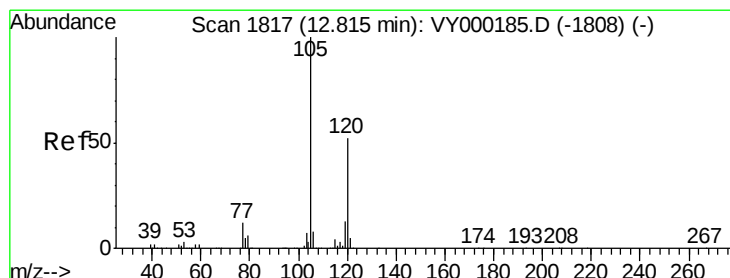
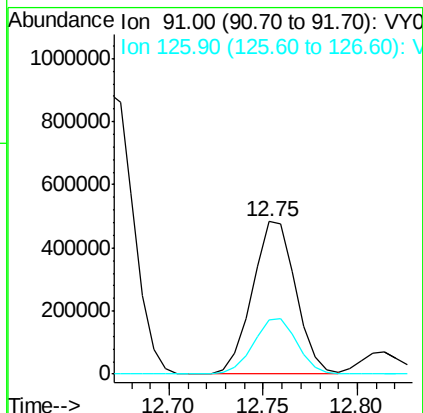
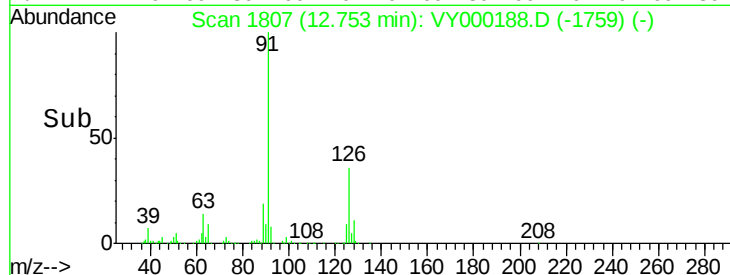
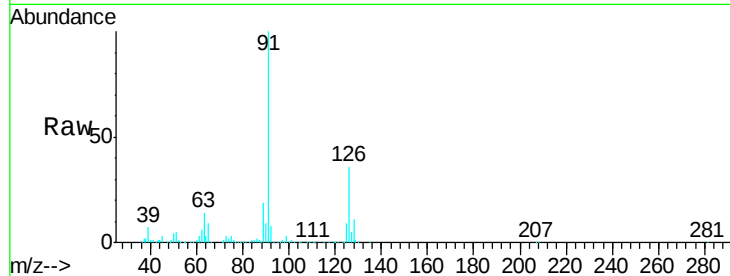
ICVVY100319

Tgt Ion: 91 Resp: 772741

Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 50.343 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000188.D

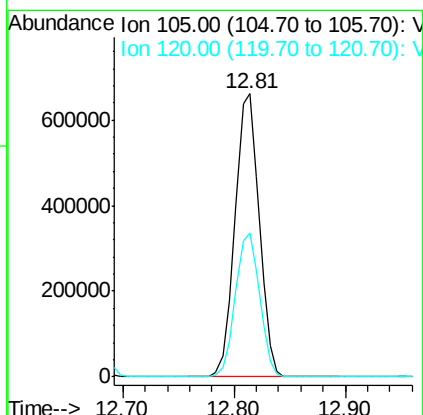
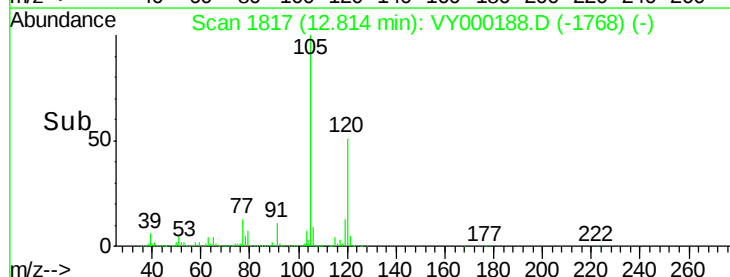
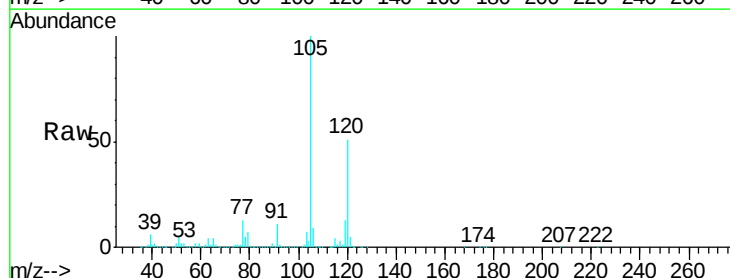
Acq: 03 Oct 2019 17:08

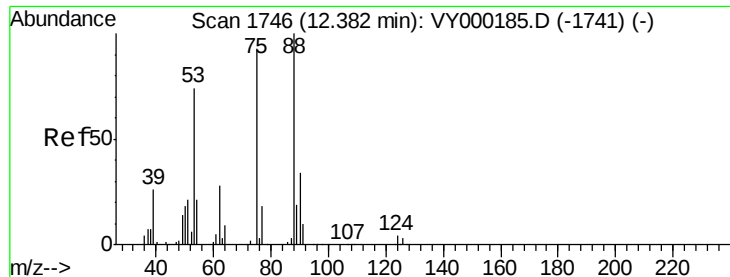
Tgt Ion: 105 Resp: 993308

Ion Ratio Lower Upper

105 100

120 51.1 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.105 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00319

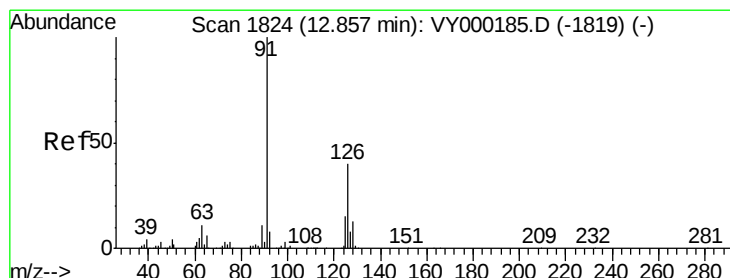
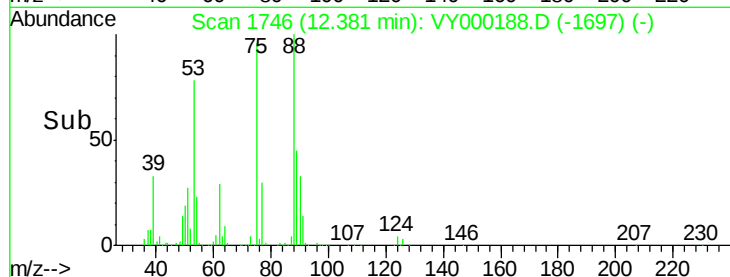
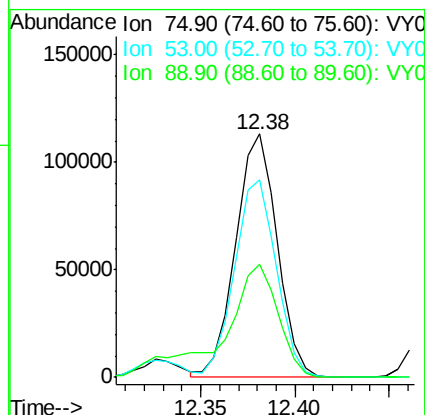
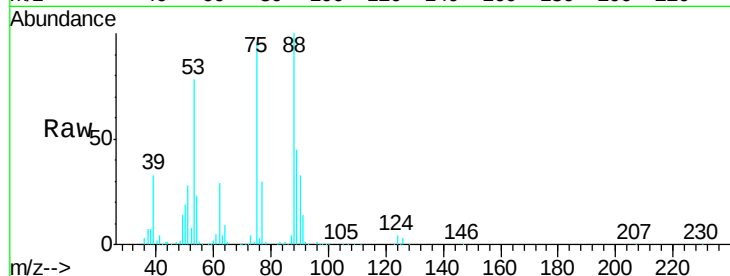
Tgt Ion: 75 Resp: 172763

Ion Ratio Lower Upper

75 100

53 81.8 67.7 101.5

89 62.4 37.0 55.4#



#82

4-Chlorotoluene

Concen: 50.751 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000188.D

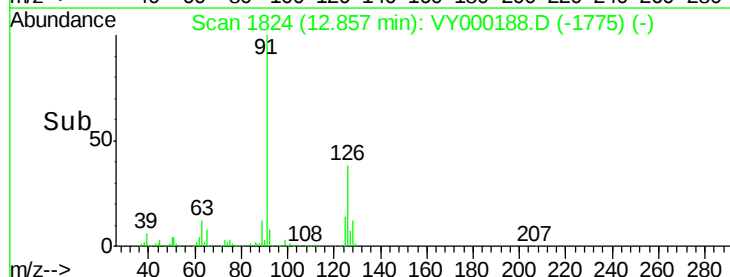
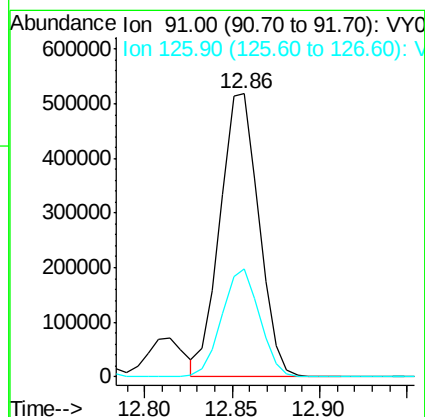
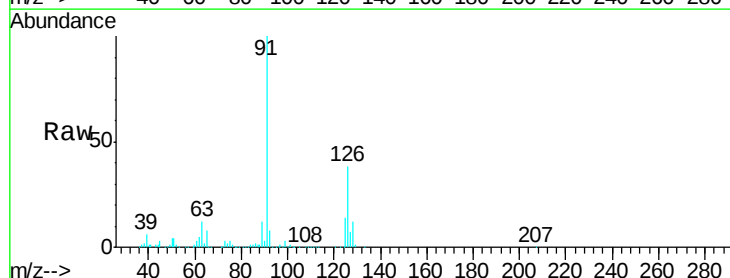
Acq: 03 Oct 2019 17:08

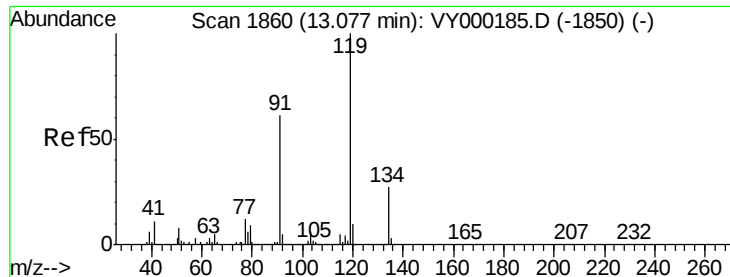
Tgt Ion: 91 Resp: 798559

Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.0

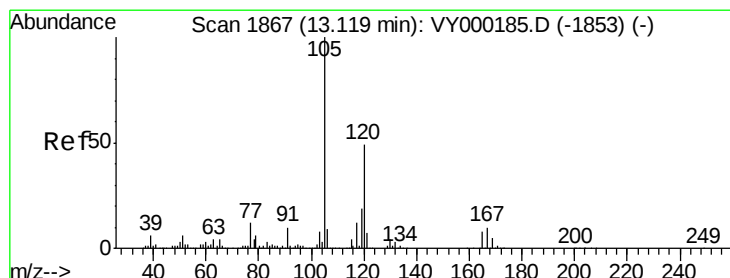
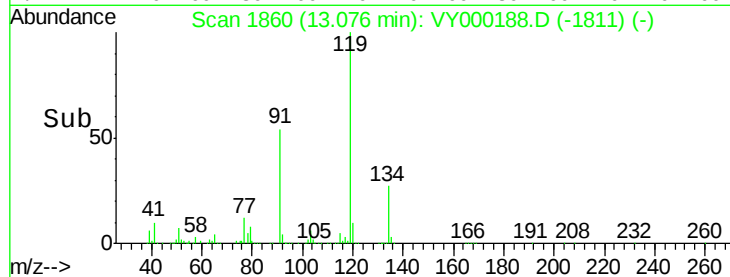
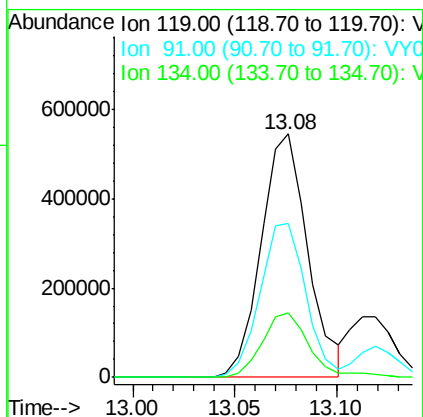
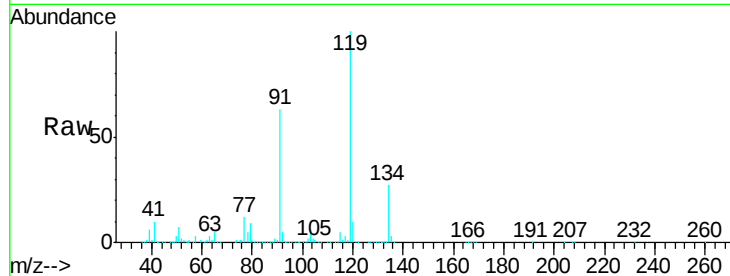




#83
 tert-Butylbenzene
 Concen: 49.943 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

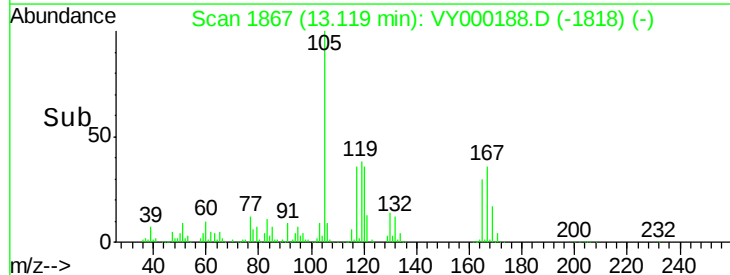
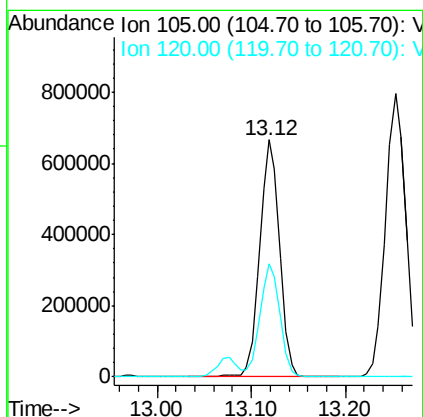
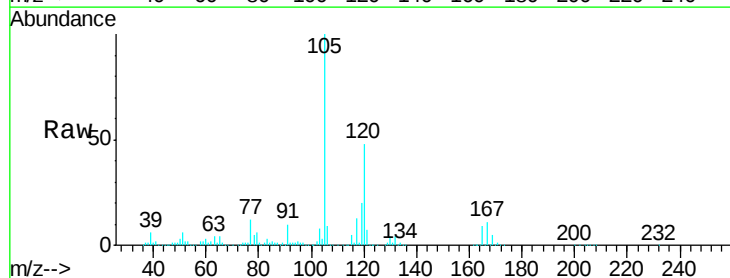
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

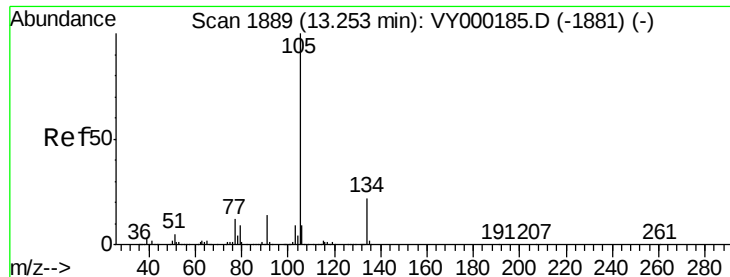
Tgt Ion:119 Resp: 868770
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.6 92.0
 134 27.3 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.090 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion:105 Resp: 992392
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.0 72.0





#85

sec-Butylbenzene

Concen: 50.373 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

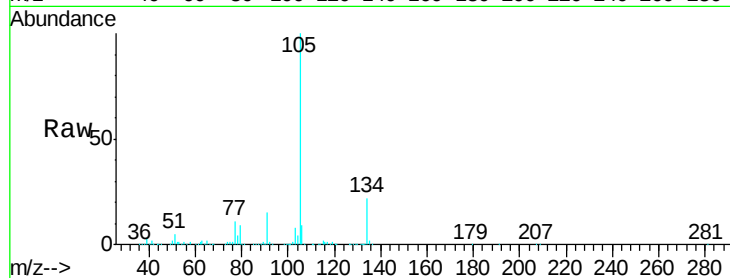
ICVY100319

Tgt Ion:105 Resp: 1189282

Ion Ratio Lower Upper

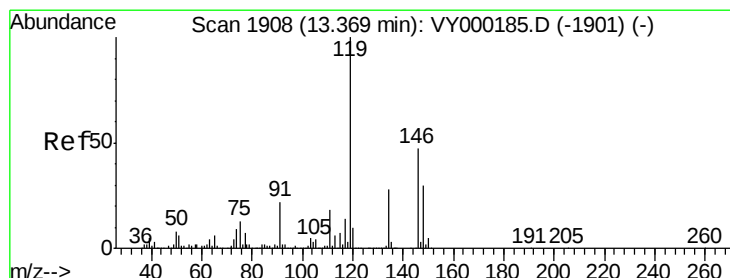
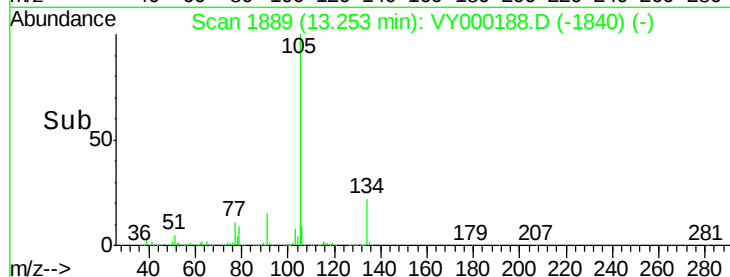
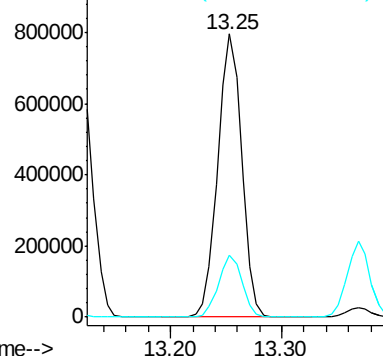
105 100

134 21.5 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.581 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

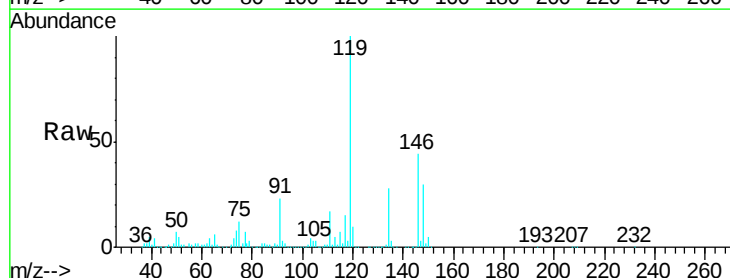
Tgt Ion:119 Resp: 1088724

Ion Ratio Lower Upper

119 100

134 28.0 14.1 42.2

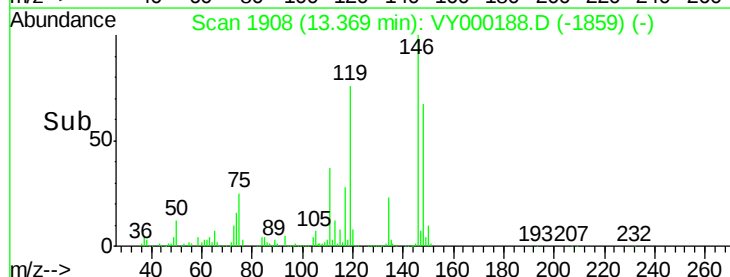
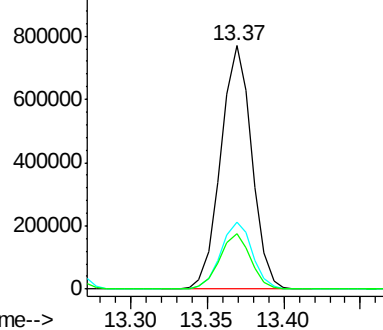
91 22.5 11.2 33.5

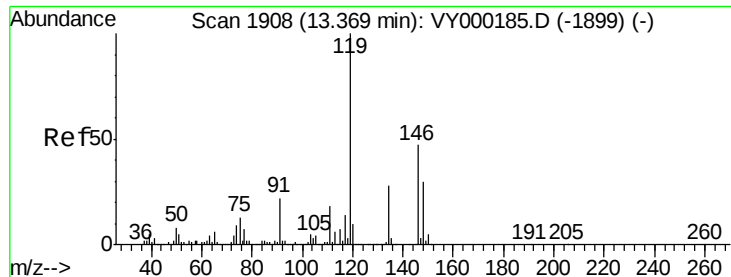


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

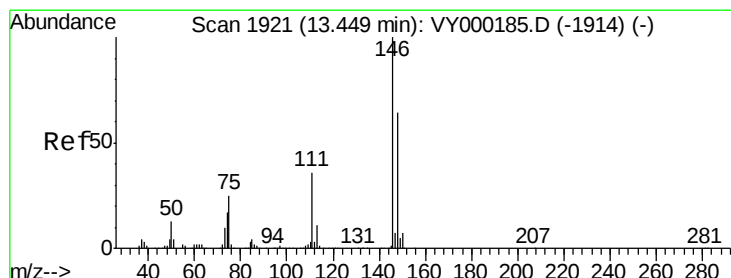
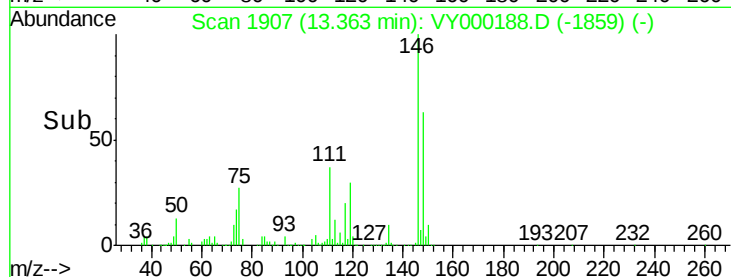
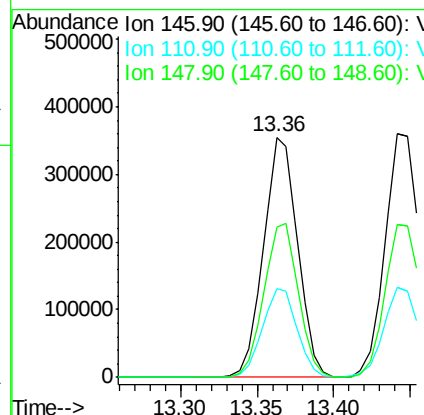
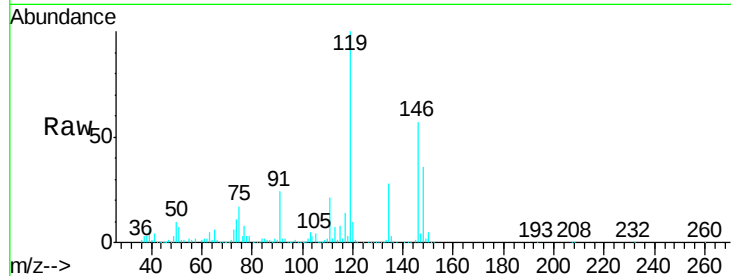




#87
 1,3-Dichlorobenzene
 Concen: 49.205 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

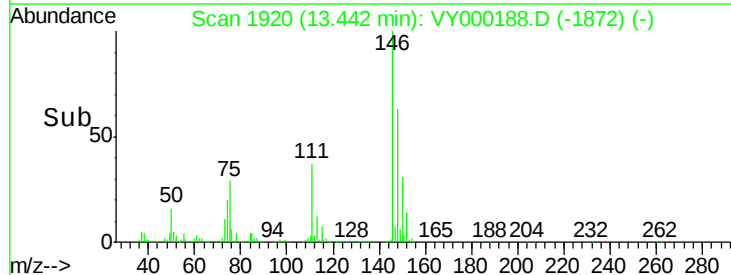
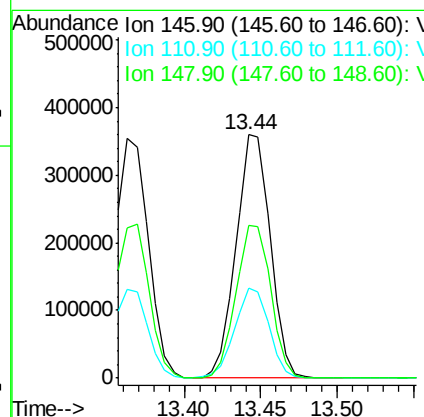
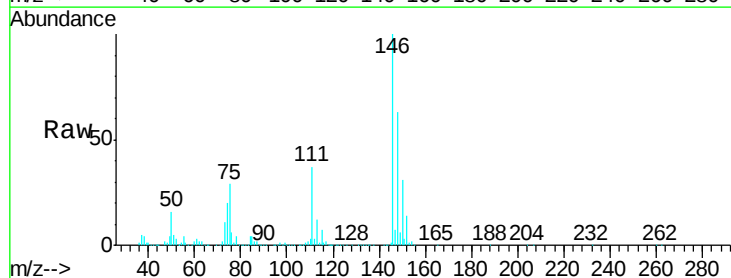
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

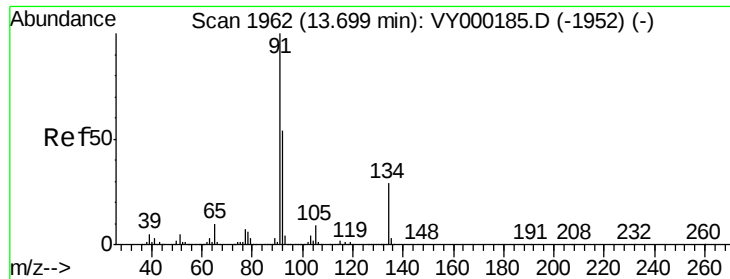
Tgt Ion:146 Resp: 551437
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.402 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion:146 Resp: 558448
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.1
 148 63.8 32.3 96.8

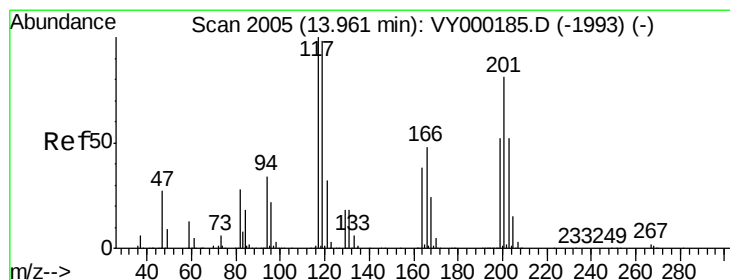
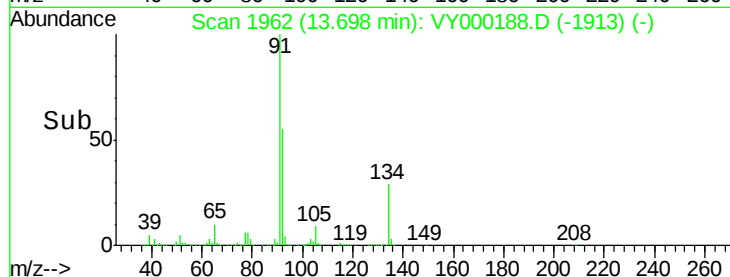
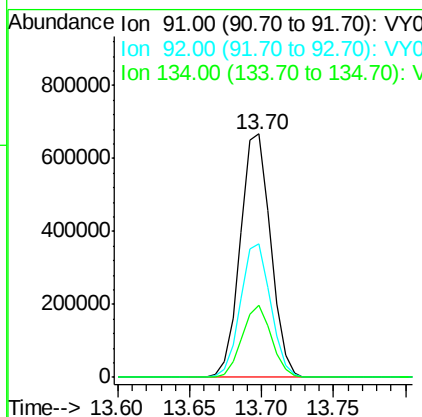
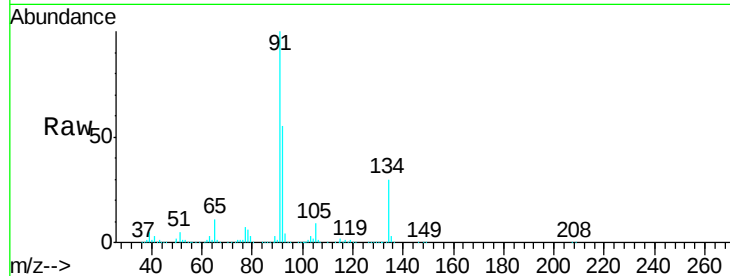




#89
n-Butylbenzene
Concen: 51.278 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

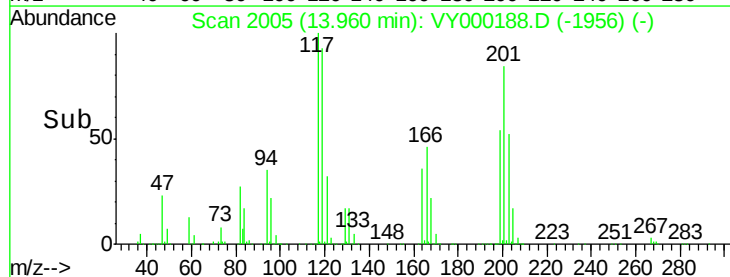
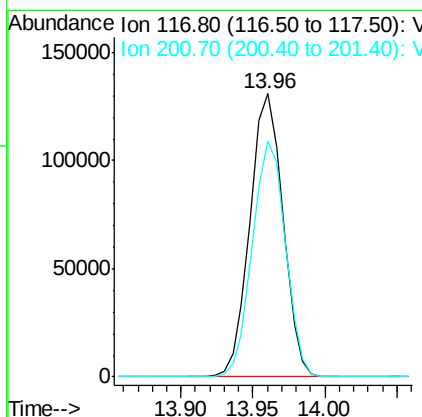
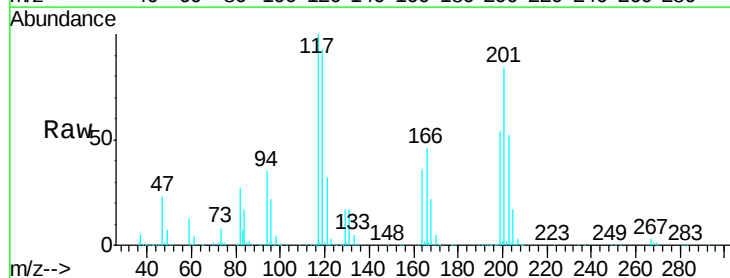
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100319

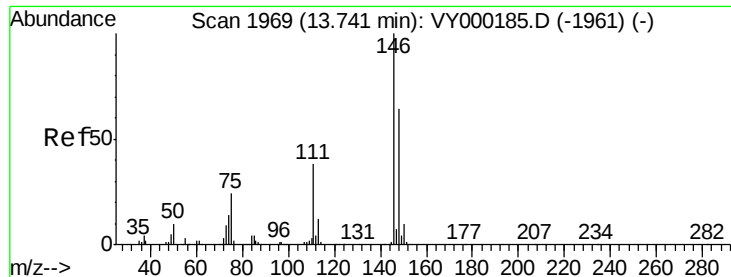
Tgt Ion: 91 Resp: 973770
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 28.6 14.4 43.0



#90
Hexachloroethane
Concen: 52.123 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000188.D
Acq: 03 Oct 2019 17:08

Tgt Ion: 117 Resp: 207541
Ion Ratio Lower Upper
117 100
201 83.2 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 49.060 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVYV100319

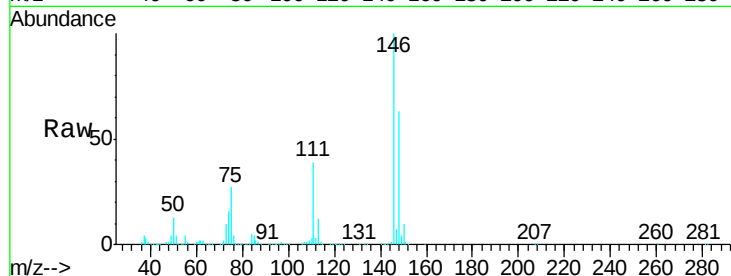
Tgt Ion:146 Resp: 538738

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

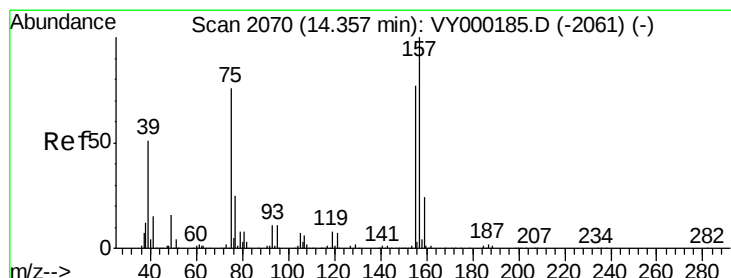
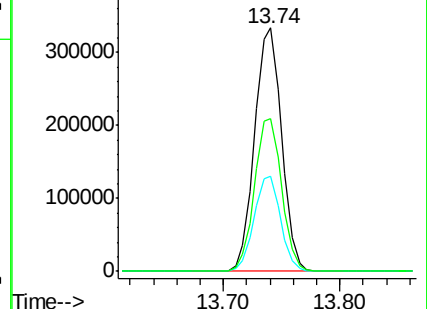
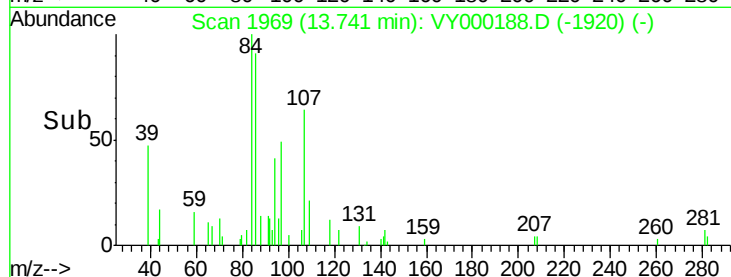
148 63.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.511 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

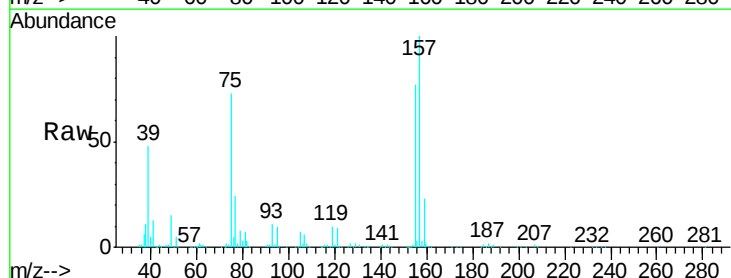
Tgt Ion: 75 Resp: 125471

Ion Ratio Lower Upper

75 100

155 104.3 52.3 157.1

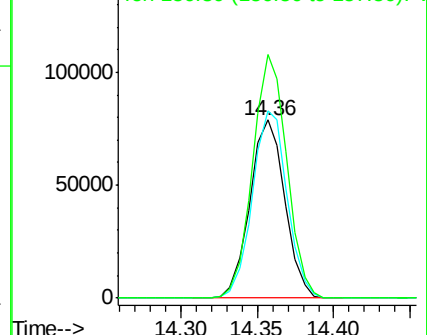
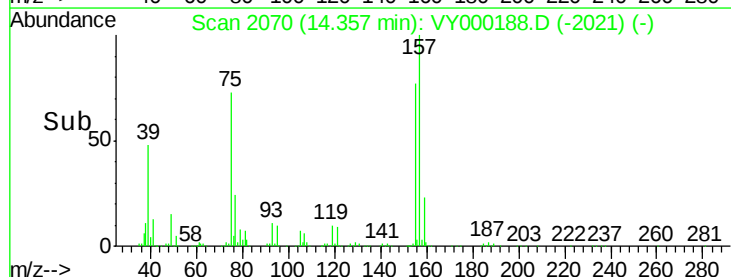
157 133.4 66.8 200.3

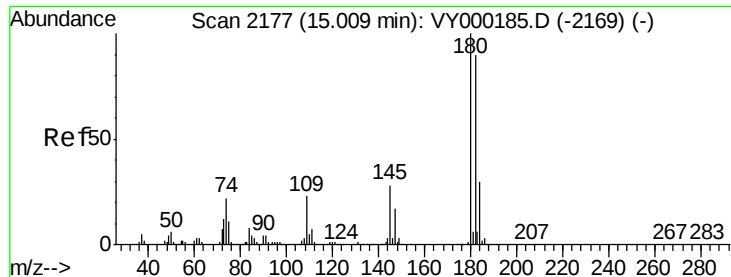


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

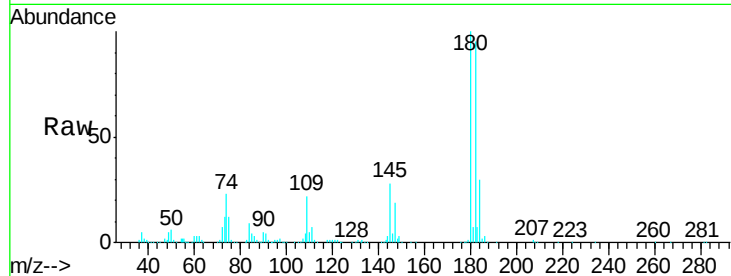




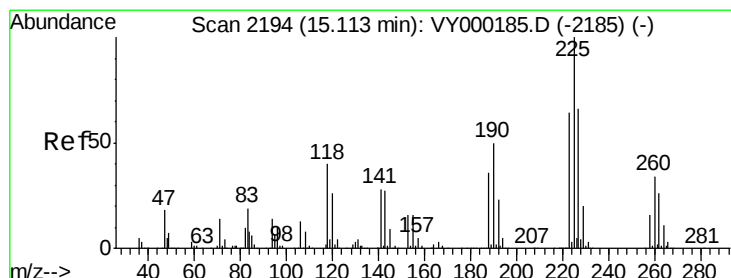
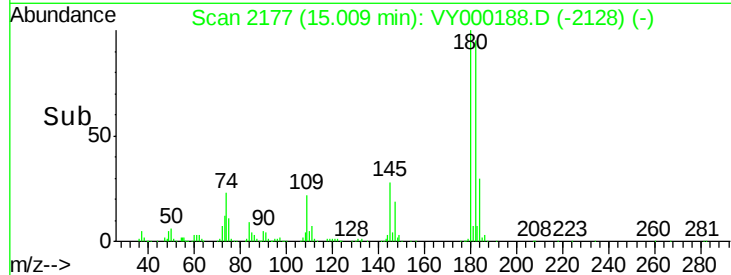
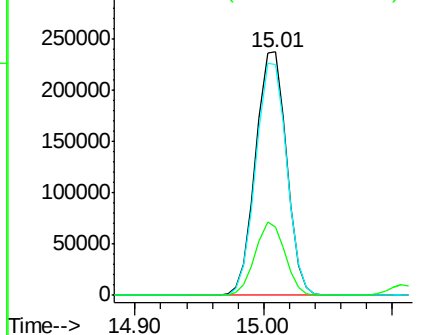
#93
 1,2,4-Trichlorobenzene
 Concen: 50.721 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100319

Tgt Ion:180 Resp: 393441
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.3
 145 29.1 14.4 43.2

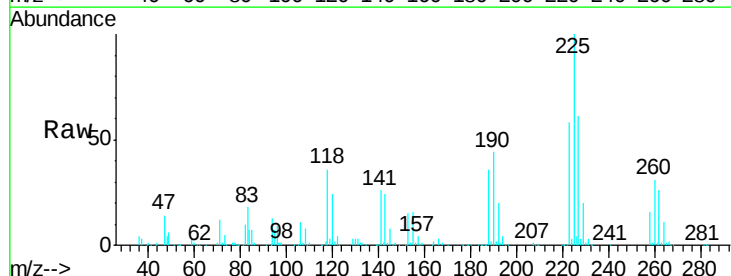


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

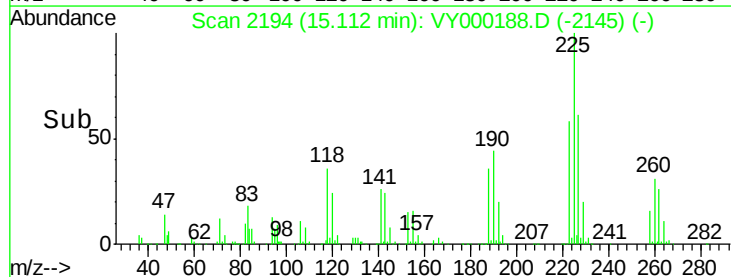
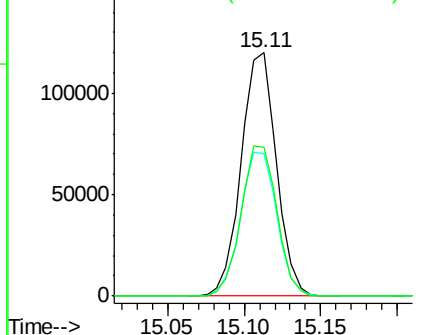


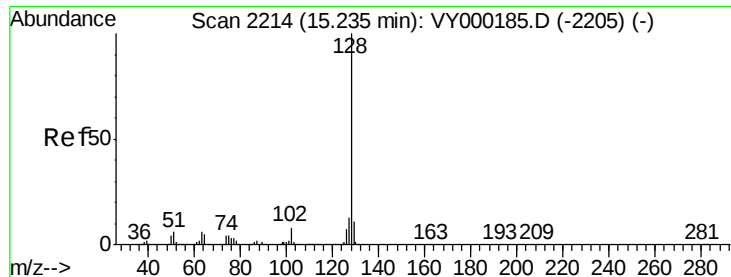
#94
 Hexachlorobutadiene
 Concen: 49.595 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000188.D
 Acq: 03 Oct 2019 17:08

Tgt Ion:225 Resp: 192161
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.9 95.9
 227 62.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.515 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

Instrument :

MSVOA_Y

ClientSampleId :

ICVY100319

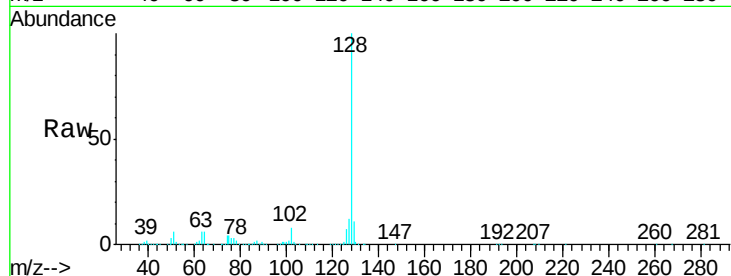
Tgt Ion:128 Resp: 1382596

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

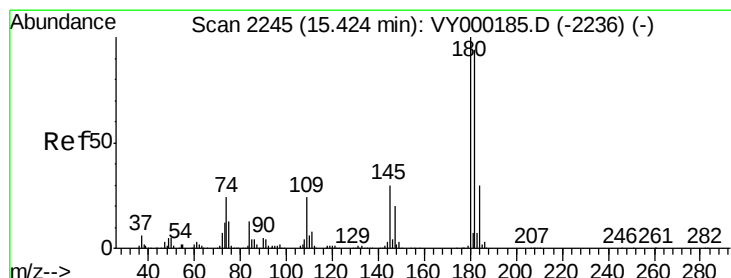
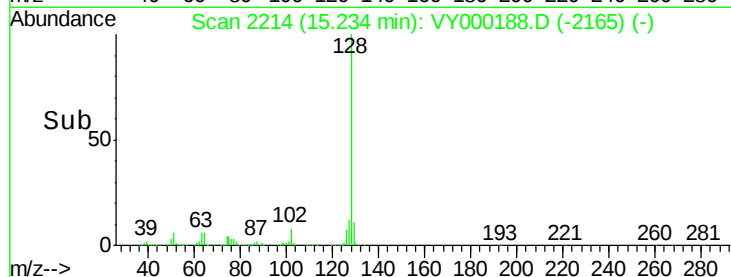
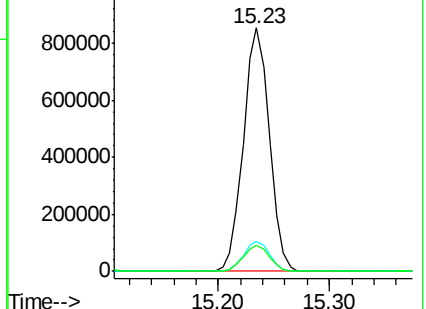
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.599 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000188.D

Acq: 03 Oct 2019 17:08

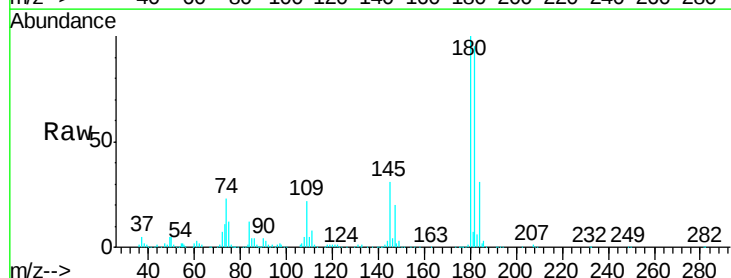
Tgt Ion:180 Resp: 387763

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

145 30.8 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

