

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002937.D
 Acq On : 19 Jun 2020 14:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 19 14:47:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	355435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	522528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	291864	98.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.80%	
35) Dibromofluoromethane	7.72	113	293836	98.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.50%	
50) Toluene-d8	10.18	98	1186322	101.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.10%	
62) 4-Bromofluorobenzene	12.48	95	397280	96.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	228441	101.294	ug/l	99
3) Chloromethane	2.12	50	252879	97.778	ug/l	99
4) Vinyl Chloride	2.26	62	282379	103.159	ug/l	97
5) Bromomethane	2.65	94	206029	98.338	ug/l	99
6) Chloroethane	2.79	64	187315	105.223	ug/l	99
7) Trichlorofluoromethane	3.13	101	513423	103.229	ug/l	98
8) Diethyl Ether	3.54	74	185065	103.776	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	308703	102.946	ug/l	99
10) Methyl Iodide	4.10	142	466361	117.336	ug/l	99
11) Tert butyl alcohol	4.97	59	156401	410.945	ug/l	98
12) 1,1-Dichloroethene	3.88	96	307407	103.983	ug/l	99
13) Acrolein	3.74	56	159031	557.562	ug/l	98
14) Allyl chloride	4.49	41	443917	104.287	ug/l	100
15) Acrylonitrile	5.18	53	437035	508.117	ug/l	100
16) Acetone	3.96	43	377623	519.684	ug/l	97
17) Carbon Disulfide	4.20	76	964555	113.364	ug/l	99
18) Methyl Acetate	4.49	43	180599	78.373	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	831378	103.329	ug/l	98
20) Methylene Chloride	4.72	84	341531	63.438	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	343156	104.488	ug/l	97
22) Diisopropyl ether	6.13	45	881060	100.028	ug/l	100
23) Vinyl Acetate	6.07	43	3011205	545.137	ug/l	100
24) 1,1-Dichloroethane	6.03	63	531952	102.546	ug/l	99
25) 2-Butanone	7.00	43	556235	509.514	ug/l	99
26) 2,2-Dichloropropane	6.99	77	477990	97.020	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	378846	102.836	ug/l	99
28) Bromochloromethane	7.34	49	221779	102.821	ug/l	100
29) Tetrahydrofuran	7.35	42	359954	511.303	ug/l	100
30) Chloroform	7.52	83	554402	101.972	ug/l	98
31) Cyclohexane	7.79	56	505509	98.671	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	517589	103.796	ug/l	100
36) 1,1-Dichloropropene	7.92	75	444823	105.056	ug/l	100
37) Ethyl Acetate	7.08	43	236638	99.408	ug/l	100
38) Carbon Tetrachloride	7.91	117	492095	105.759	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	599313	108.570	ug/l	99
40) Benzene	8.17	78	1310160	103.519	ug/l	100
41) Methacrylonitrile	7.35	41	322867	149.979	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	360101	102.311	ug/l	99
43) Isopropyl Acetate	8.28	43	455786	104.518	ug/l	100
44) Trichloroethene	8.94	130	402836	102.431	ug/l	97
45) 1,2-Dichloropropane	9.22	63	313280	102.648	ug/l	99
46) Dibromomethane	9.31	93	186284	102.252	ug/l	99
47) Bromodichloromethane	9.50	83	442293	104.964	ug/l	99
48) Methyl methacrylate	9.30	41	208048	107.264	ug/l	98
49) 1,4-Dioxane	9.30	88	56495	2146.503	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1194429	512.745	ug/l	100
52) Toluene	10.25	92	851563	104.091	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	485544	106.373	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	544651	105.177	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	275944	101.189	ug/l	99
56) Ethyl methacrylate	10.51	69	386716	107.665	ug/l	99
57) 1,3-Dichloropropane	10.79	76	459505	100.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	955466	531.654	ug/l	100
59) 2-Hexanone	10.83	43	852598	523.724	ug/l	100
60) Dibromochloromethane	10.99	129	357511	103.818	ug/l	100
61) 1,2-Dibromoethane	11.09	107	276841	102.925	ug/l	98
64) Tetrachloroethene	10.72	164	409879	99.469	ug/l	99
65) Chlorobenzene	11.52	112	946151	102.356	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	361515	103.912	ug/l	100
67) Ethyl Benzene	11.59	91	1659512	104.604	ug/l	100
68) m/p-Xylenes	11.70	106	1286343	208.697	ug/l	99
69) o-Xylene	12.03	106	604911	104.103	ug/l	99
70) Styrene	12.04	104	1053667	105.301	ug/l	100
71) Bromoform	12.20	173	242492	104.614	ug/l #	100
73) Isopropylbenzene	12.33	105	1621892	105.111	ug/l	100
74) N-amyl acetate	12.14	43	421967	107.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	295888	103.412	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	424997	118.544	ug/l #	100
77) Bromobenzene	12.61	156	418760	103.288	ug/l	100
78) n-propylbenzene	12.67	91	1877154	104.563	ug/l	100
79) 2-Chlorotoluene	12.75	91	1043541	103.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1351092	105.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	122930	108.721	ug/l	98
82) 4-Chlorotoluene	12.85	91	1093158	102.993	ug/l	100
83) tert-Butylbenzene	13.08	119	1202257	103.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1348837	103.755	ug/l	100
85) sec-Butylbenzene	13.25	105	1609518	101.584	ug/l	100
86) p-Isopropyltoluene	13.37	119	1528173	103.225	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	780004	101.306	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	781575	101.225	ug/l	99
89) n-Butylbenzene	13.69	91	1375299	102.344	ug/l	100
90) Hexachloroethane	13.96	117	287522	105.027	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	707101	100.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	54680	101.901	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 14:17:05 2020
Response via : Initial Calibration

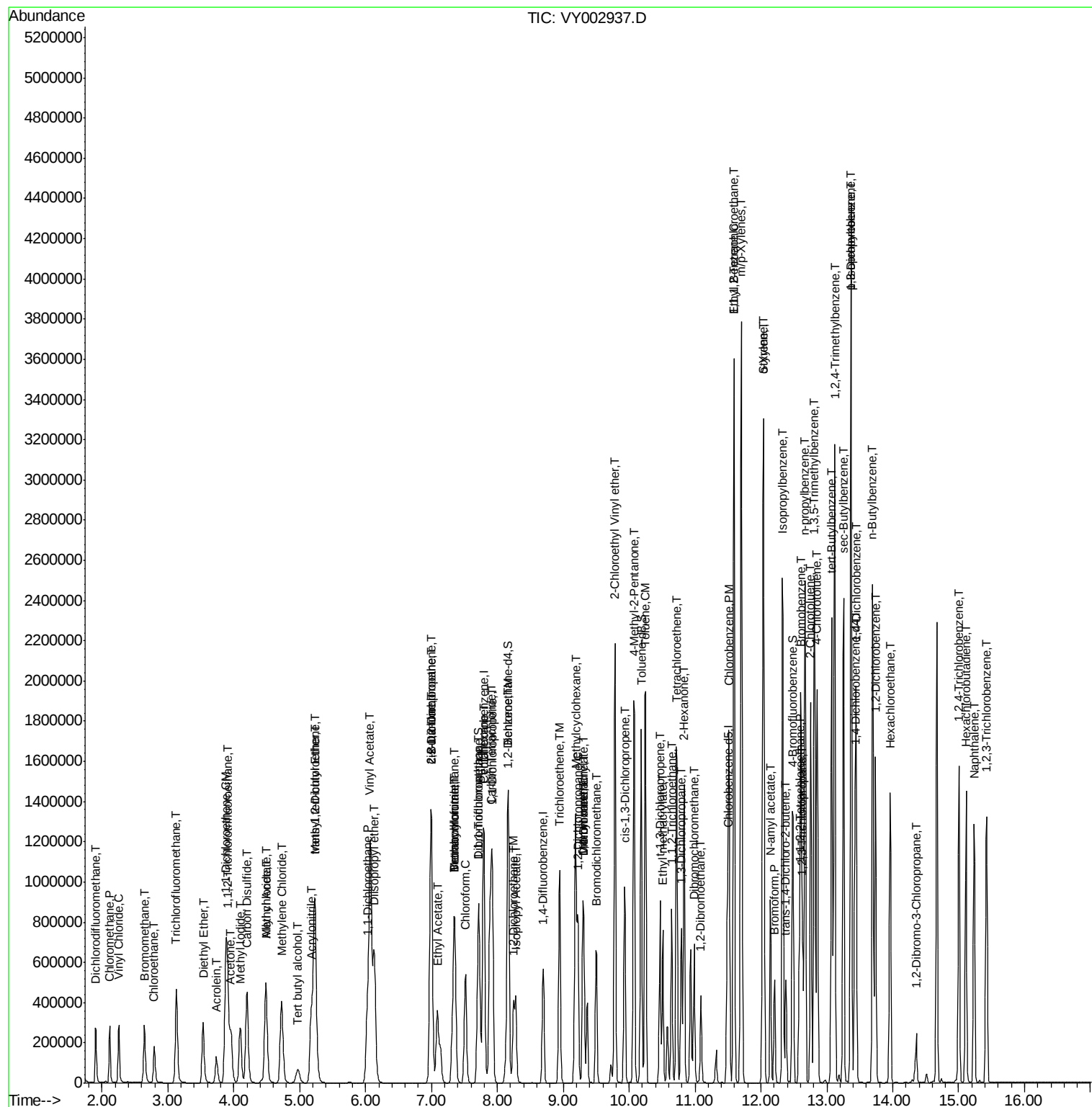
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	528948	100.532	ug/l	99
94) Hexachlorobutadiene	15.11	225	299178	97.280	ug/l	100
95) Naphthalene	15.23	128	1088465	105.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	473220	100.947	ug/l	100

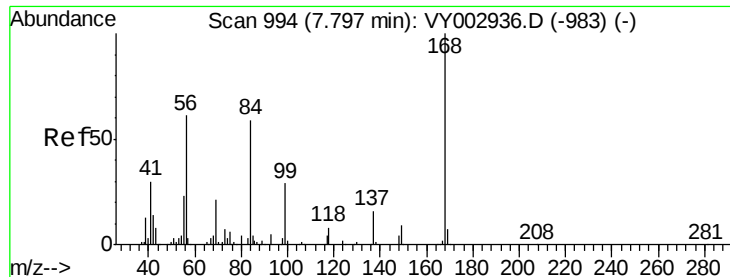
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY002937.D
 Acq On : 19 Jun 2020 14:24
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VSTDIC100

Quant Time: Jun 19 14:47:19 2020
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

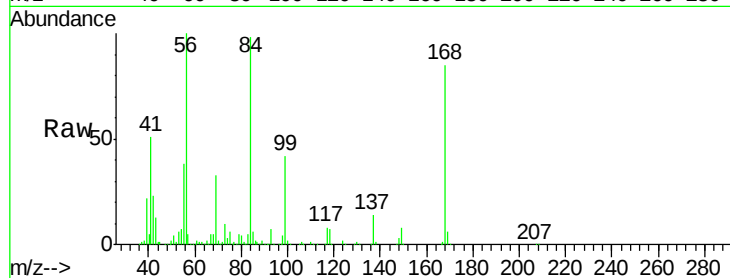
VSTDIC100

Tgt Ion:168 Resp: 355435

Ion Ratio Lower Upper

168 100

99 49.2 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002937.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002937.D (-945) (-)

7.80

150000

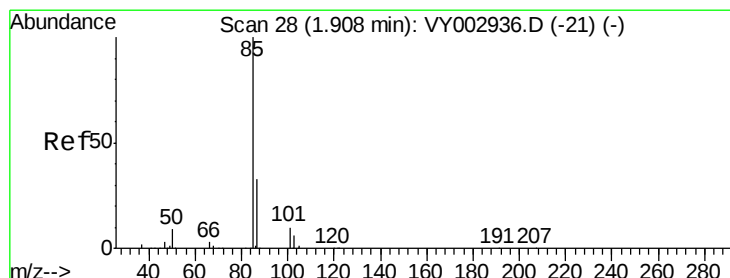
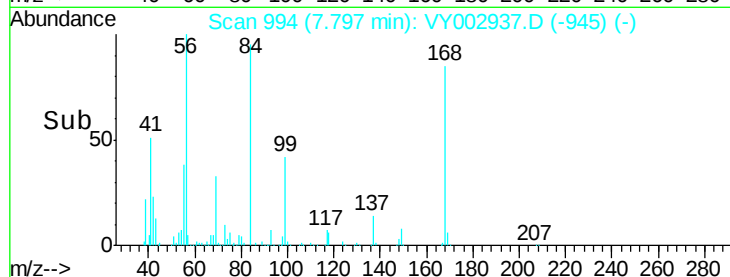
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 101.294 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002937.D

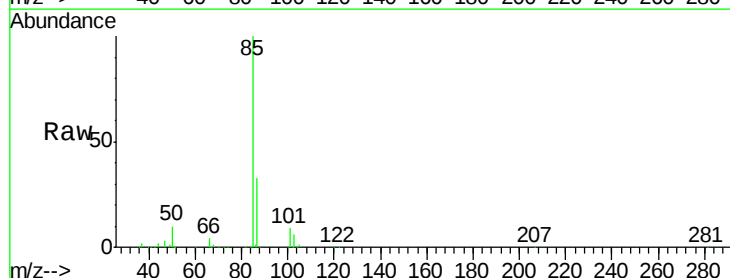
Acq: 19 Jun 2020 14:24

Tgt Ion: 85 Resp: 228441

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002937.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002937.D (-1) (-)

1.90

150000

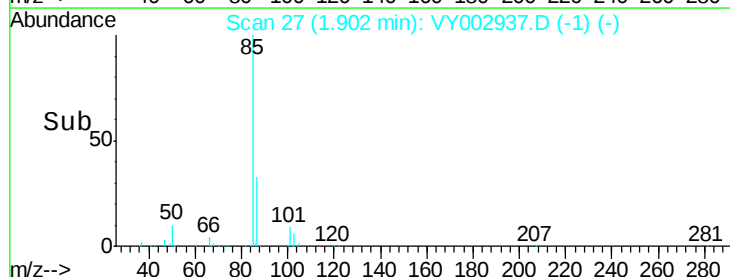
100000

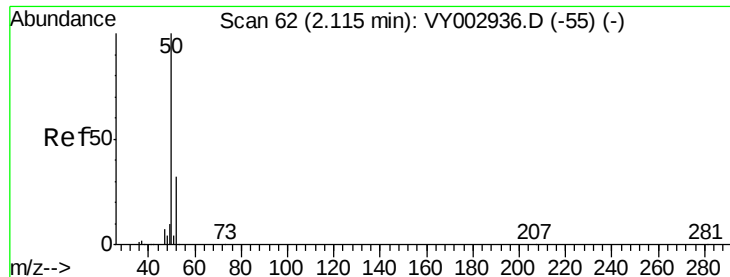
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 97.778 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

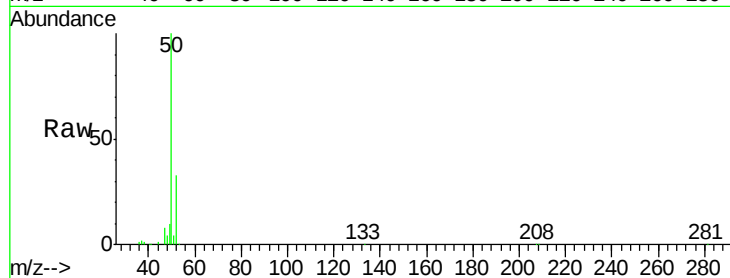
VSTDIC100

Tgt Ion: 50 Resp: 252879

Ion Ratio Lower Upper

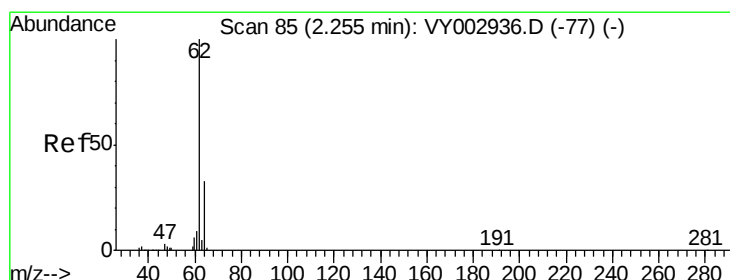
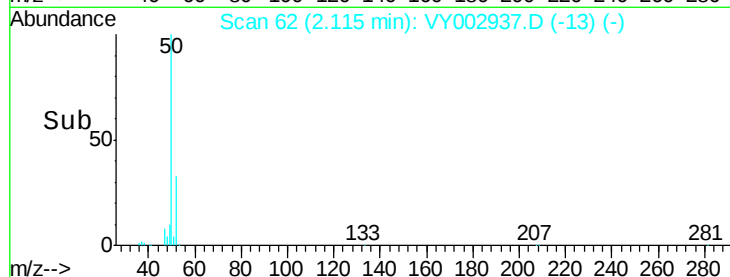
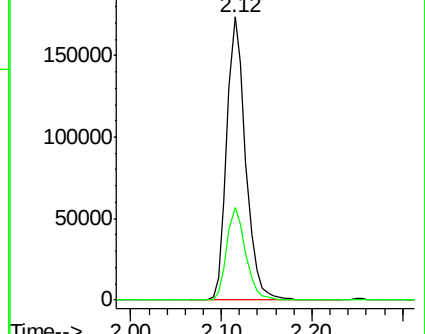
50 100

52 32.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 103.159 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002937.D

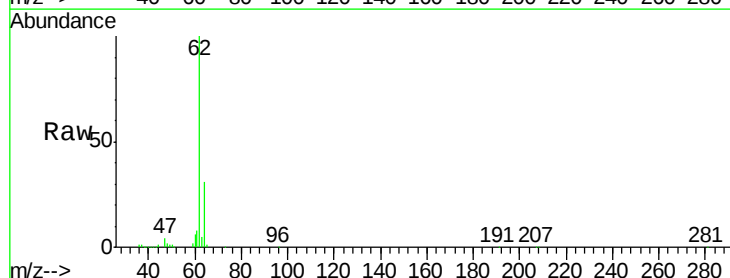
Acq: 19 Jun 2020 14:24

Tgt Ion: 62 Resp: 282379

Ion Ratio Lower Upper

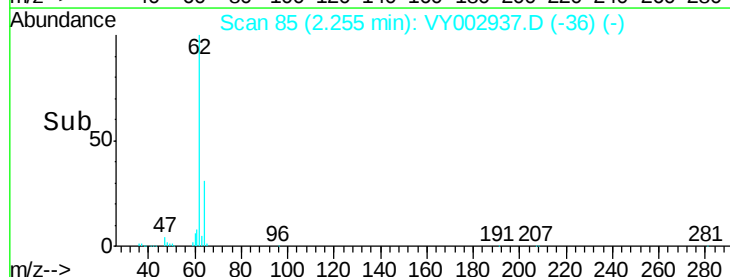
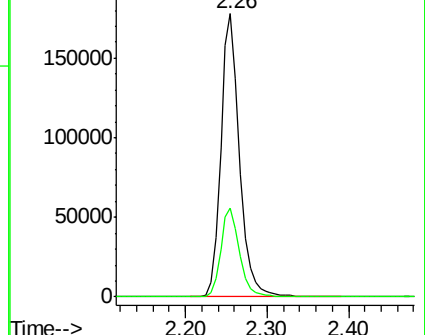
62 100

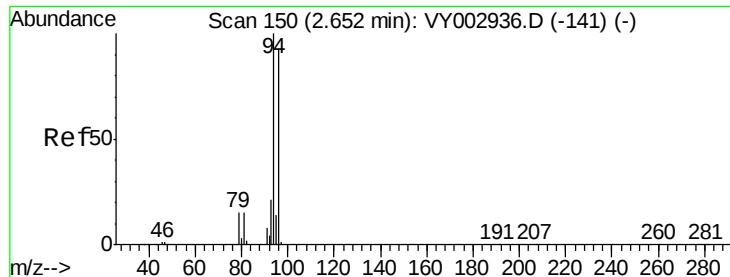
64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 98.338 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

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ClientSampleId :

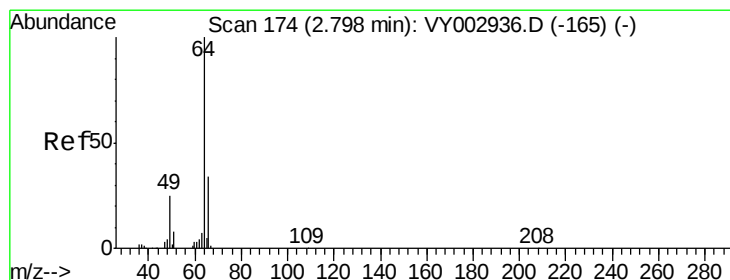
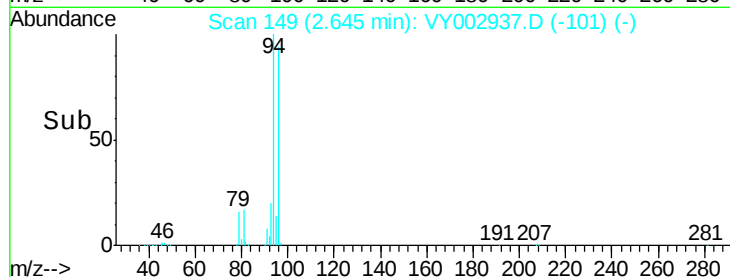
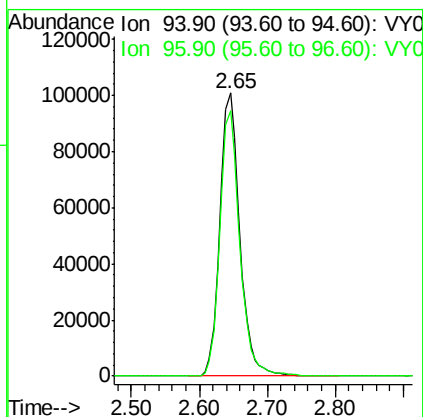
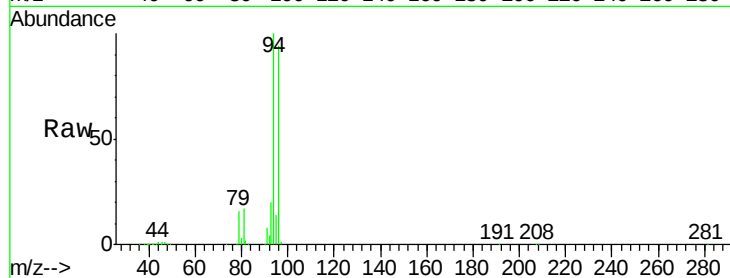
VSTDIC100

Tgt Ion: 94 Resp: 206029

Ion Ratio Lower Upper

94 100

96 93.5 73.7 110.5



#6

Chloroethane

Concen: 105.223 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002937.D

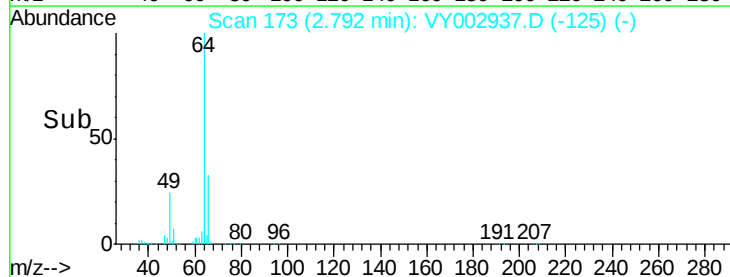
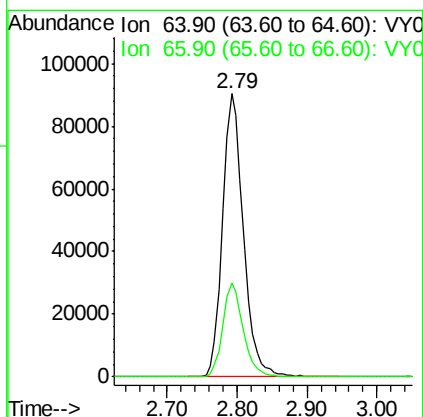
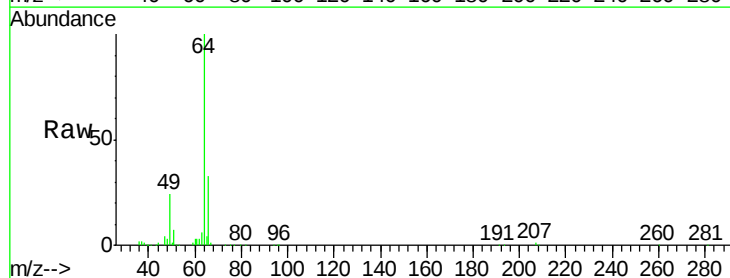
Acq: 19 Jun 2020 14:24

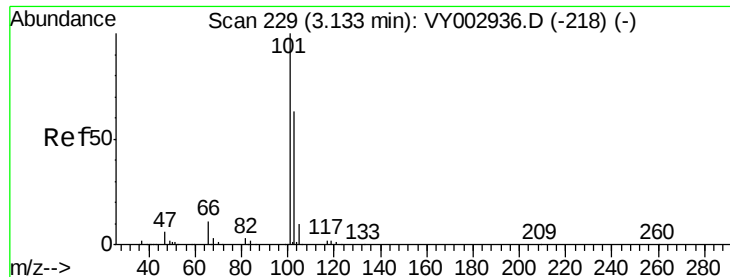
Tgt Ion: 64 Resp: 187315

Ion Ratio Lower Upper

64 100

66 33.2 27.0 40.6



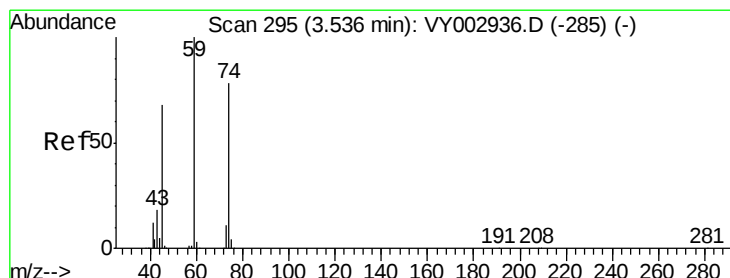
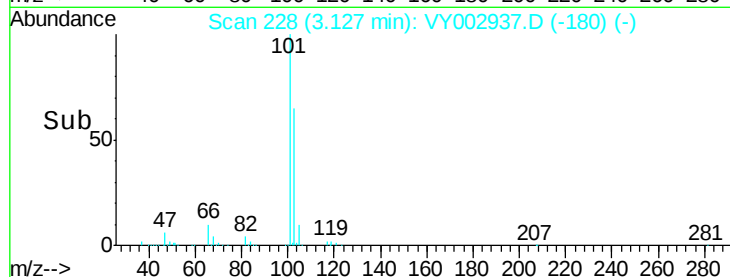
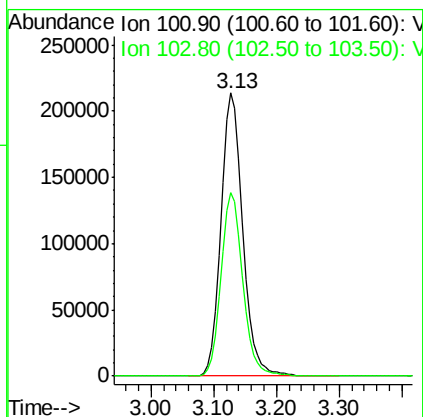
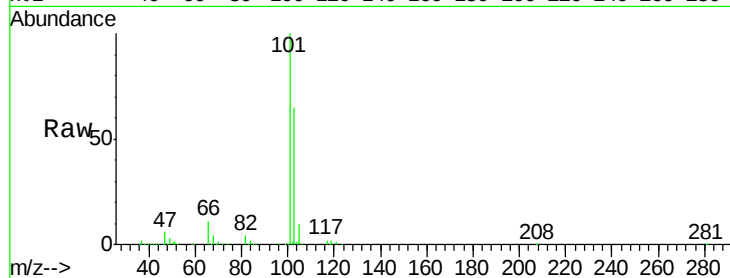


#7

Trichlorofluoromethane
Concen: 103.229 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Instrument :
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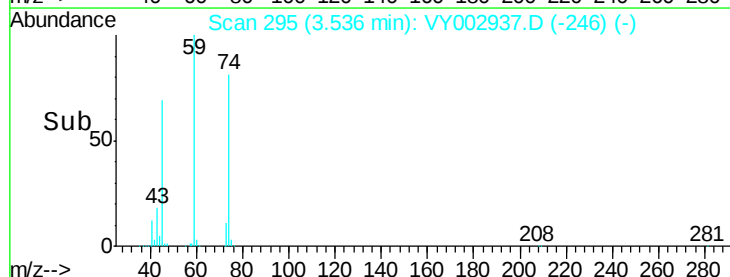
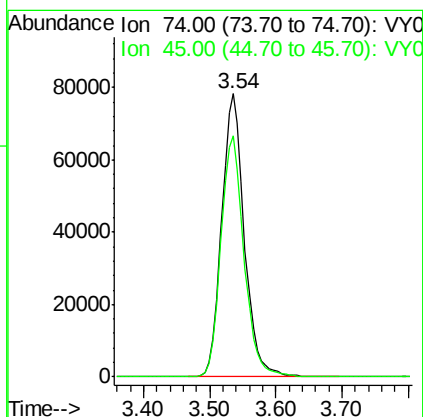
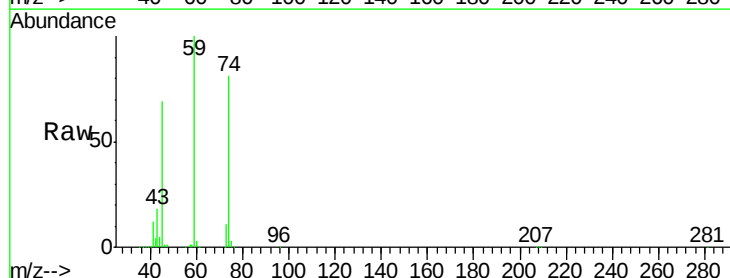
Tgt Ion:101 Resp: 513423
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

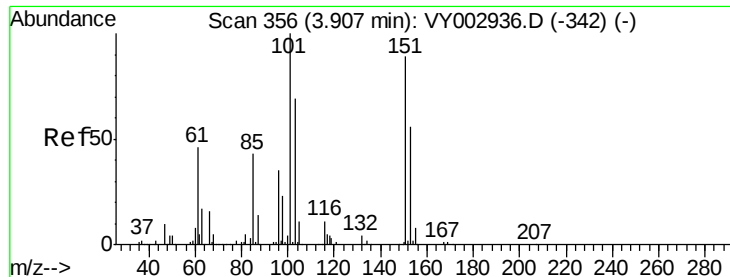


#8

Diethyl Ether
Concen: 103.776 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 74 Resp: 185065
Ion Ratio Lower Upper
74 100
45 86.8 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.946 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002937.D

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VSTDIC100

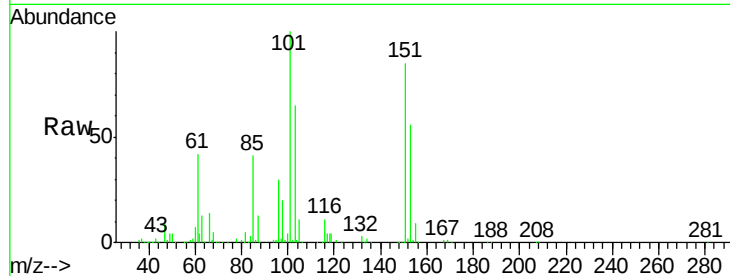
Tgt Ion:101 Resp: 308703

Ion Ratio Lower Upper

101 100

85 41.0 33.6 50.4

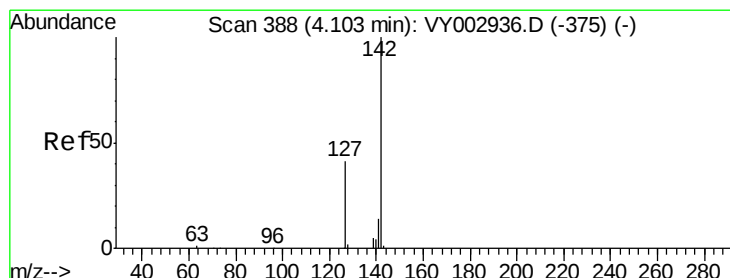
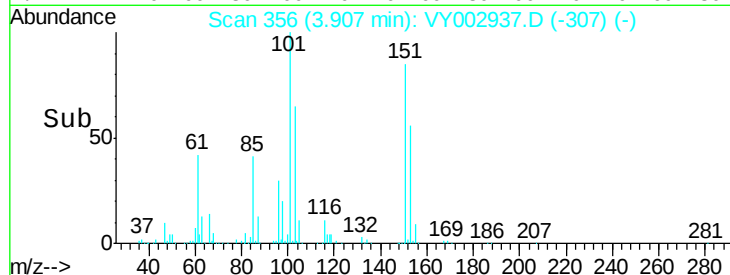
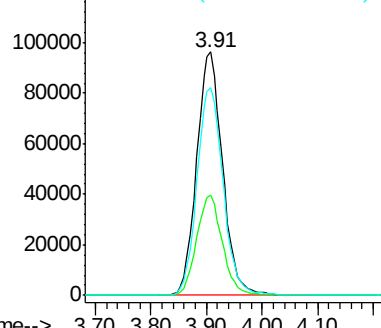
151 86.7 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 117.336 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

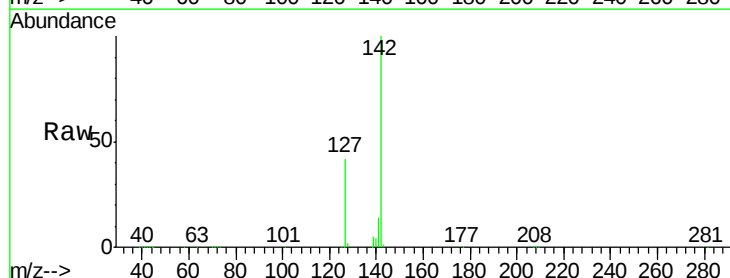
Tgt Ion:142 Resp: 466361

Ion Ratio Lower Upper

142 100

127 41.7 32.9 49.3

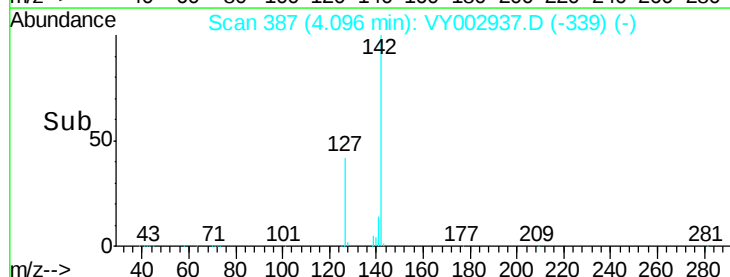
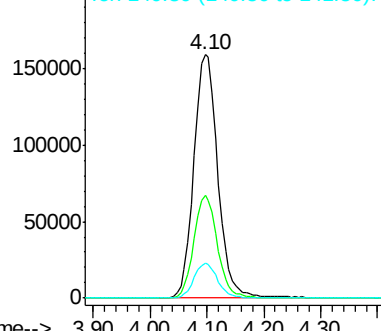
141 14.3 11.3 16.9

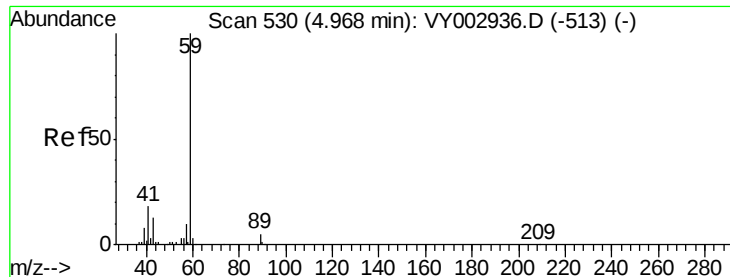


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



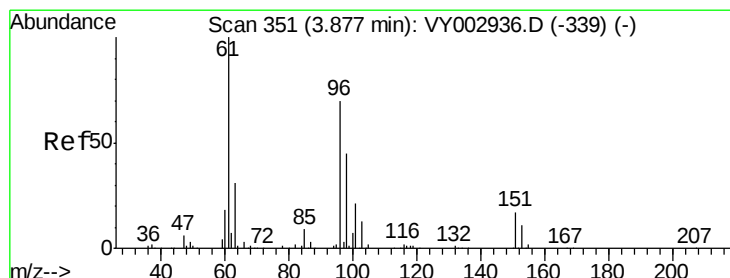
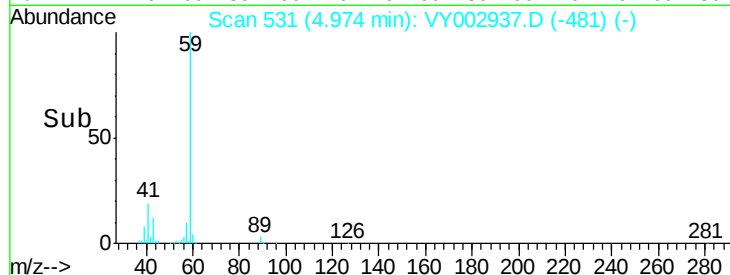
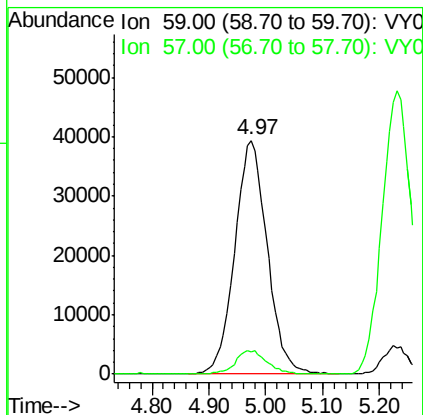
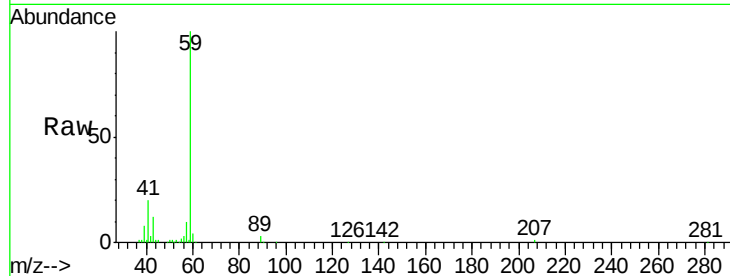


#11

Tert butyl alcohol
Concen: 410.945 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

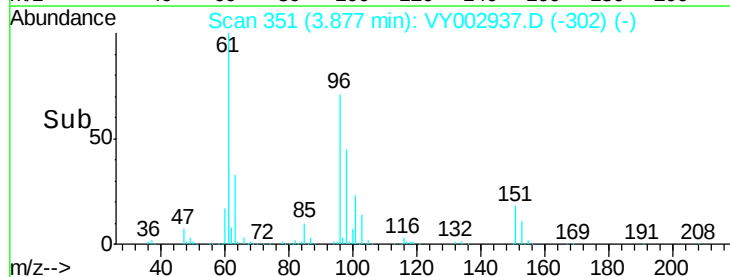
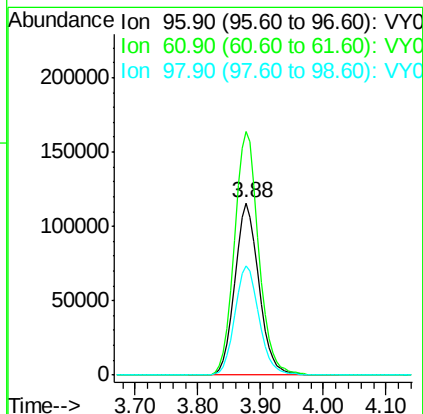
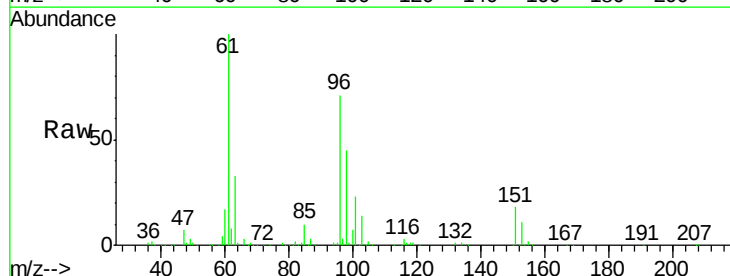
Tgt Ion: 59 Resp: 156401
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2

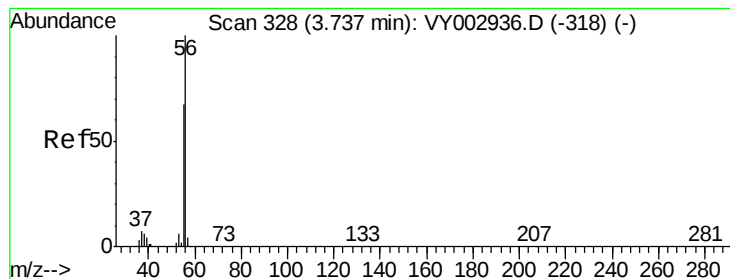


#12

1,1-Dichloroethene
Concen: 103.983 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 96 Resp: 307407
Ion Ratio Lower Upper
96 100
61 141.5 114.6 172.0
98 63.8 51.4 77.0





#13

Acrolein

Concen: 557.562 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

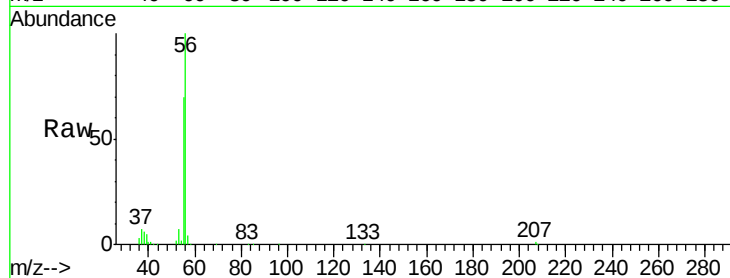
VSTDIC100

Tgt Ion: 56 Resp: 159031

Ion Ratio Lower Upper

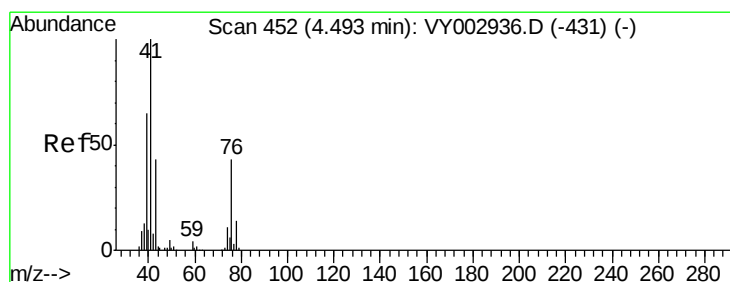
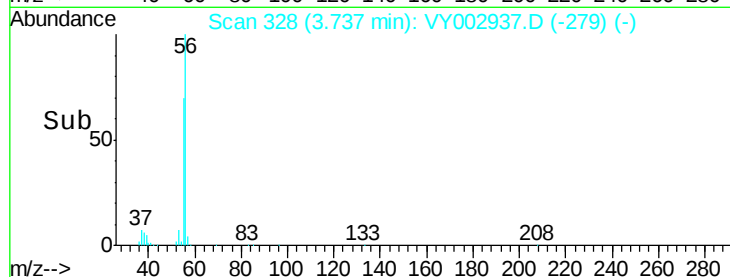
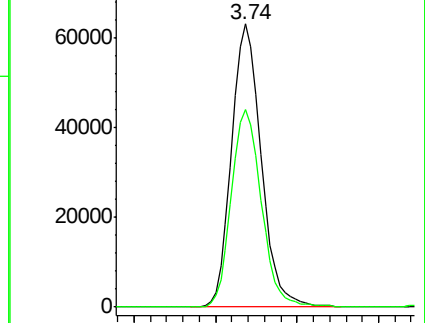
56 100

55 70.8 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 104.287 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

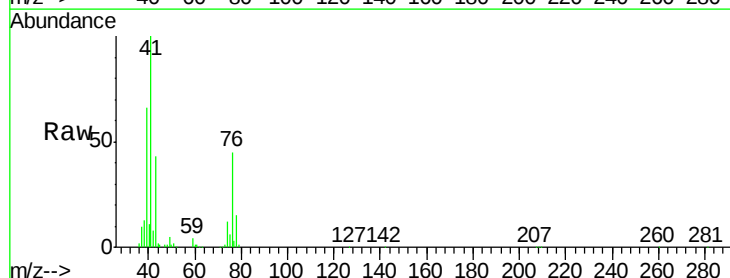
Tgt Ion: 41 Resp: 443917

Ion Ratio Lower Upper

41 100

39 62.9 50.0 75.0

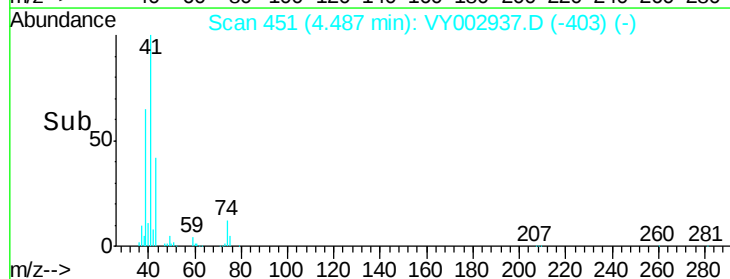
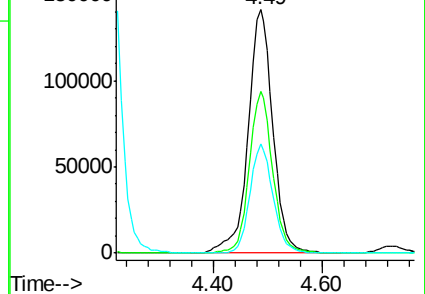
76 41.7 33.3 49.9

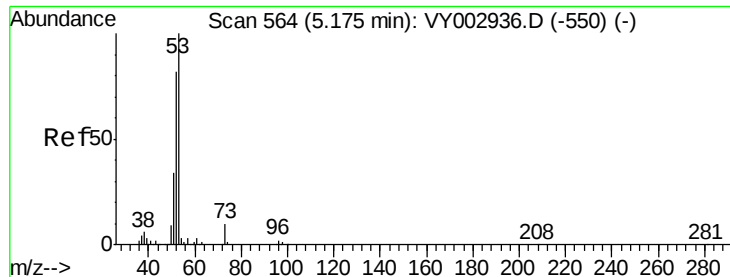


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 508.117 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

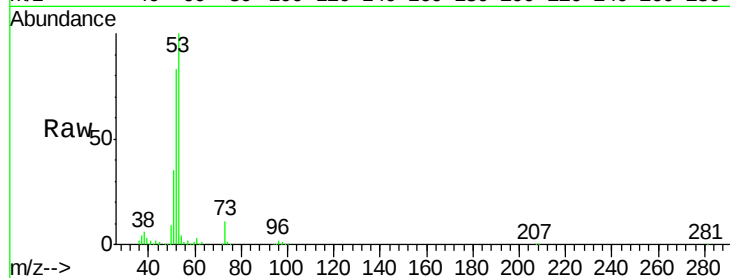
Tgt Ion: 53 Resp: 437035

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

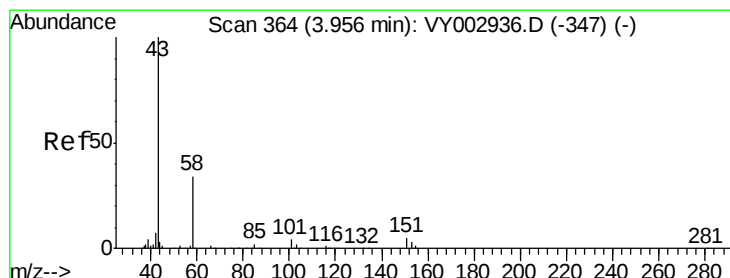
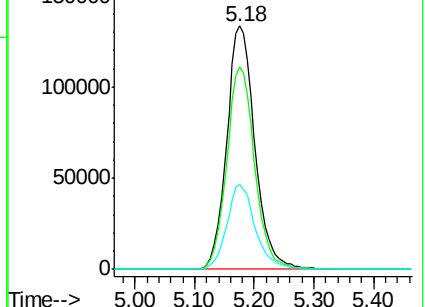
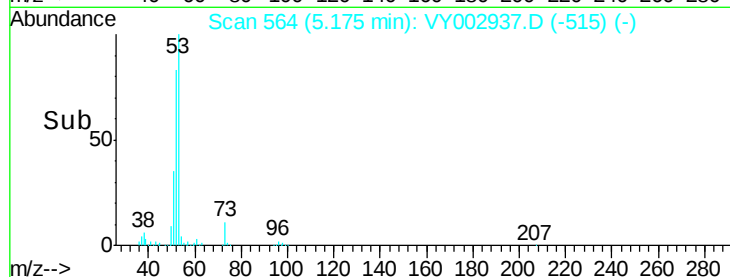
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY002937.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002937.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002937.D (-515) (-)



#16

Acetone

Concen: 519.684 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002937.D

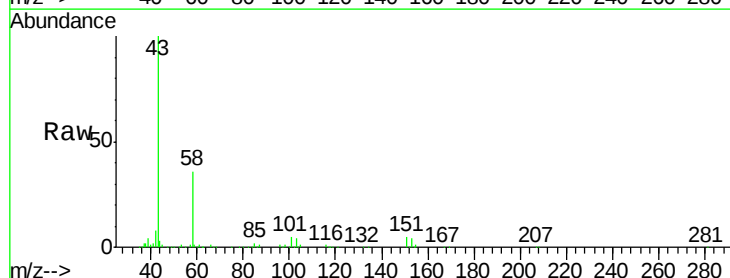
Acq: 19 Jun 2020 14:24

Tgt Ion: 43 Resp: 377623

Ion Ratio Lower Upper

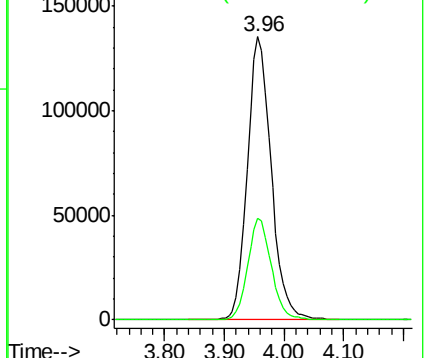
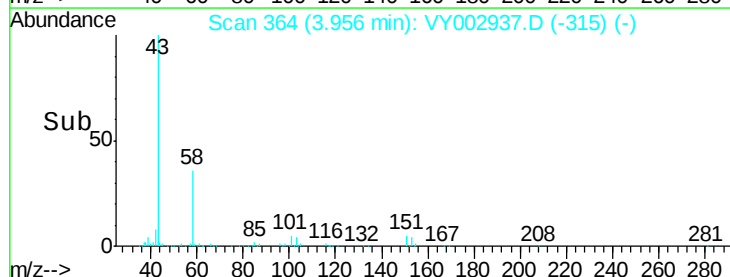
43 100

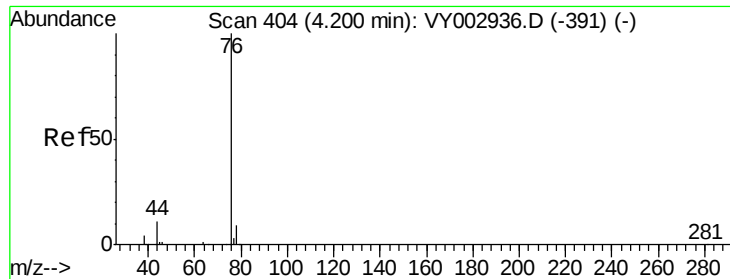
58 35.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002937.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002937.D (-315) (-)





#17

Carbon Disulfide

Concen: 113.364 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

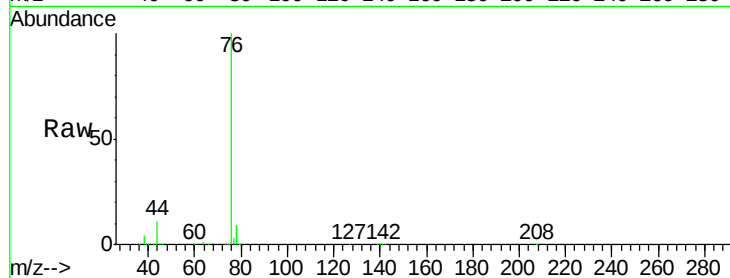
VSTDIC100

Tgt Ion: 76 Resp: 964555

Ion Ratio Lower Upper

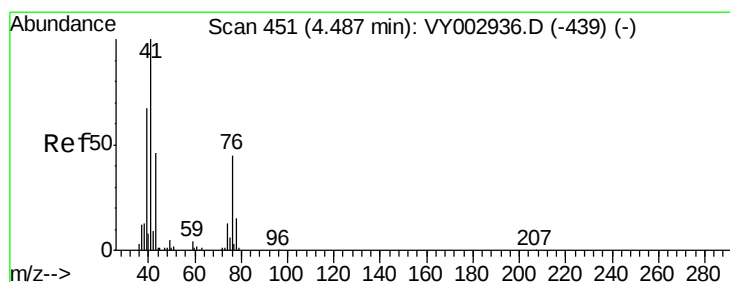
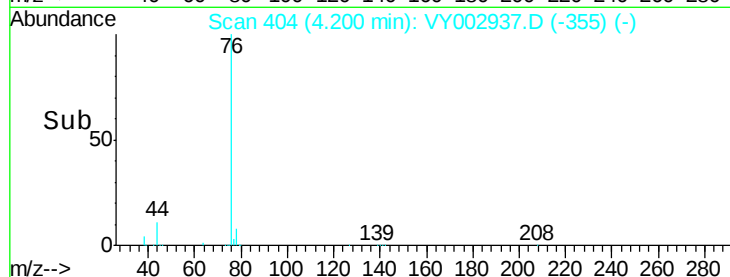
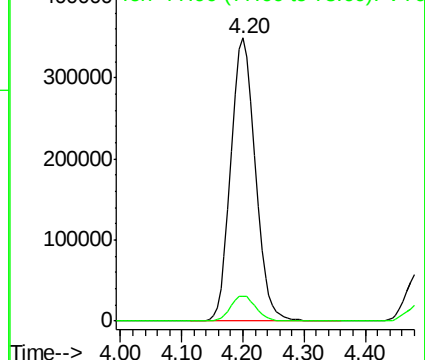
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 78.373 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002937.D

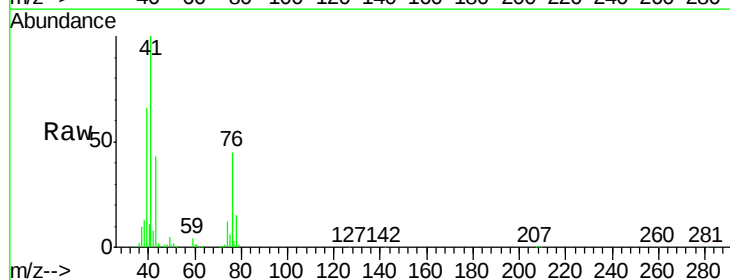
Acq: 19 Jun 2020 14:24

Tgt Ion: 43 Resp: 180599

Ion Ratio Lower Upper

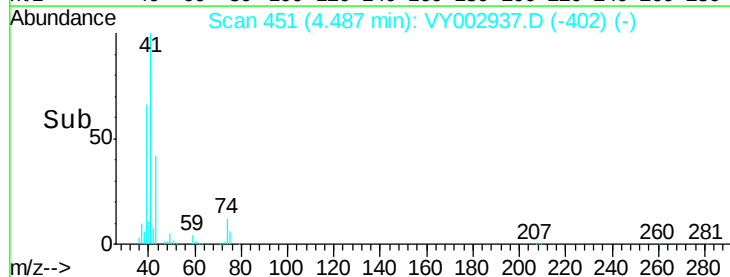
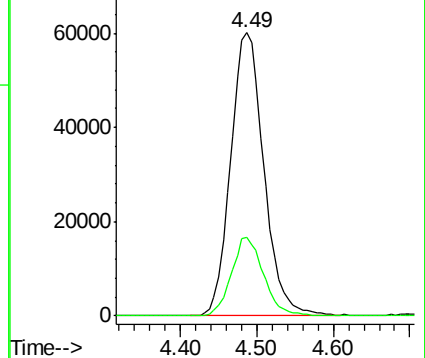
43 100

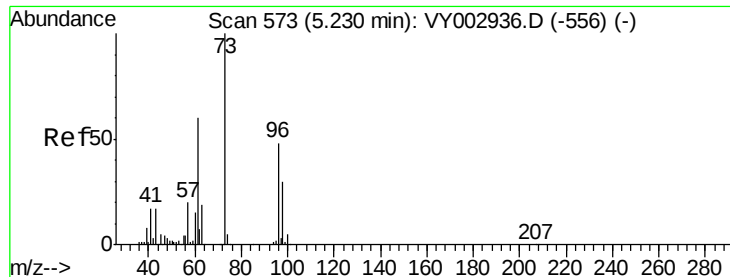
74 27.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

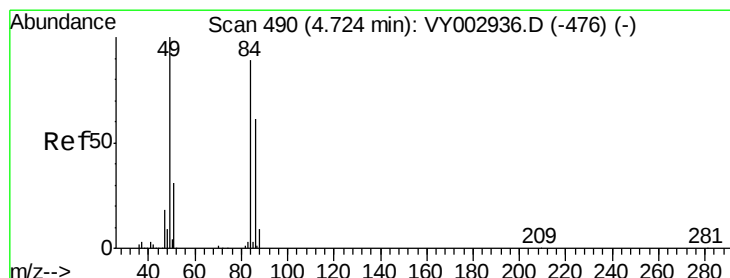
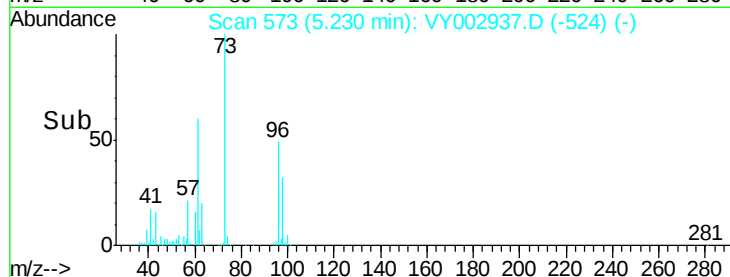
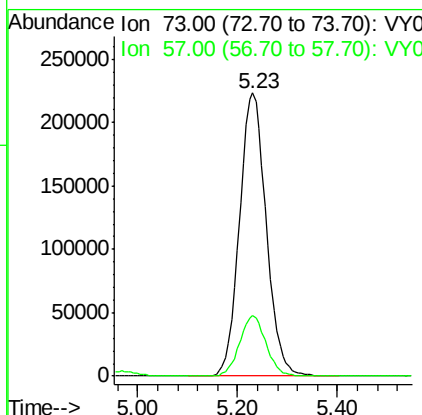
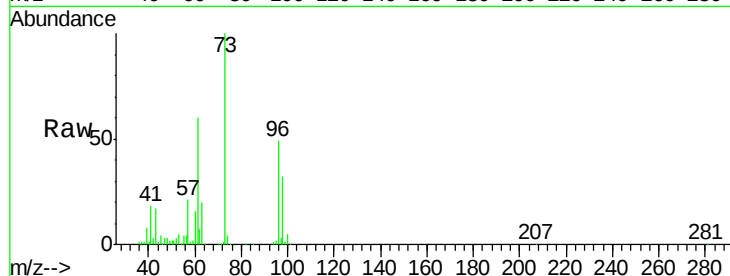




#19
Methyl tert-butyl Ether
Concen: 103.329 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

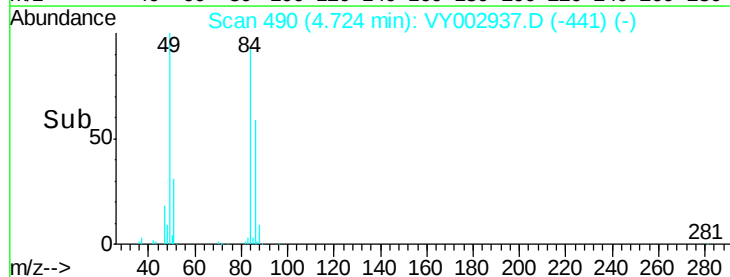
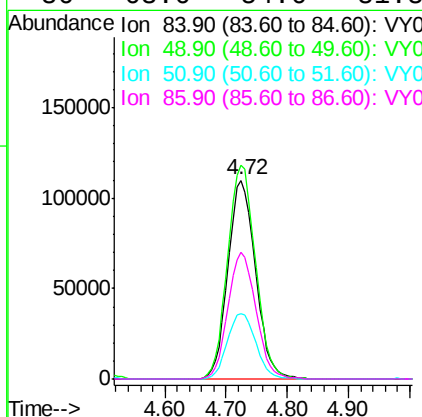
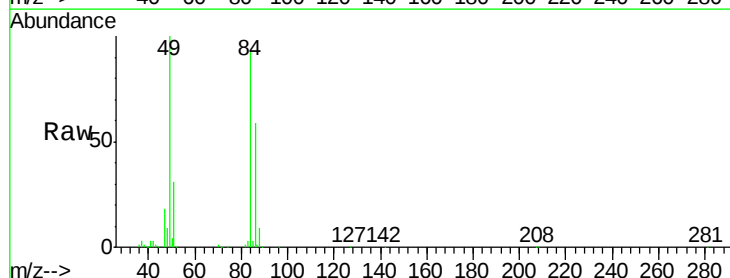
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

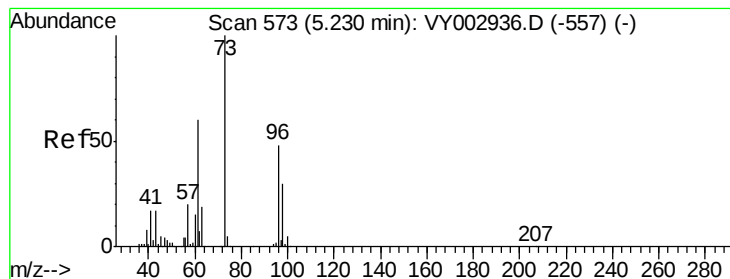
Tgt Ion: 73 Resp: 831378
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 63.438 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 84 Resp: 341531
Ion Ratio Lower Upper
84 100
49 107.3 90.0 135.0
51 32.8 27.9 41.9
86 63.6 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 104.488 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

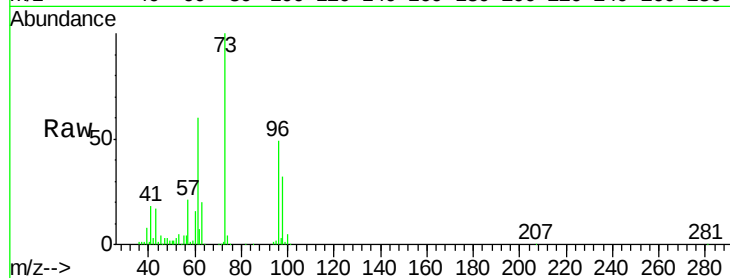
Tgt Ion: 96 Resp: 343156

Ion Ratio Lower Upper

96 100

61 122.3 100.6 150.8

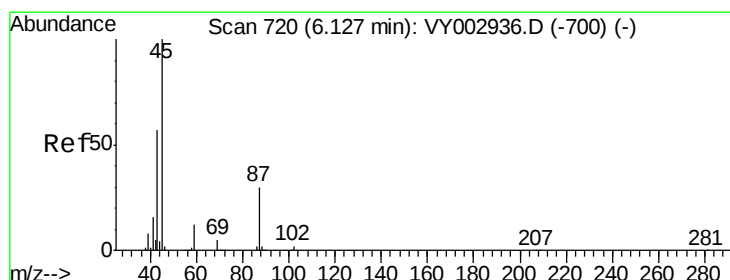
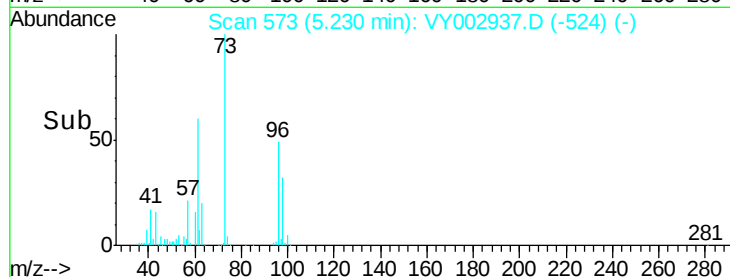
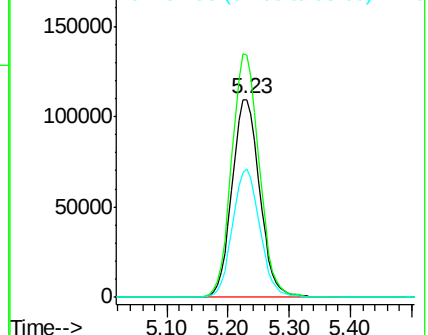
98 65.2 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY002937.D (-524) (-)

Ion 60.90 (60.60 to 61.60): VY002937.D (-524) (-)

Ion 97.90 (97.60 to 98.60): VY002937.D (-524) (-)



#22

Diisopropyl ether

Concen: 100.028 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Tgt Ion: 45 Resp: 881060

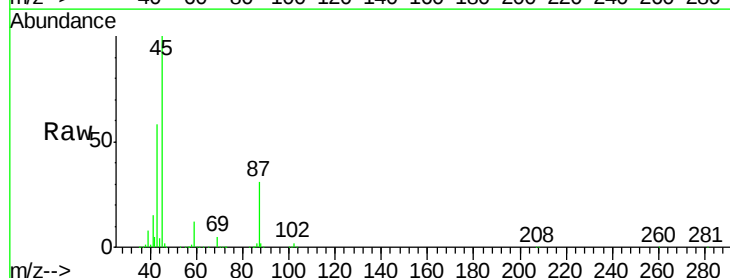
Ion Ratio Lower Upper

45 100

43 58.0 46.2 69.2

87 31.5 24.9 37.3

59 12.1 9.9 14.9

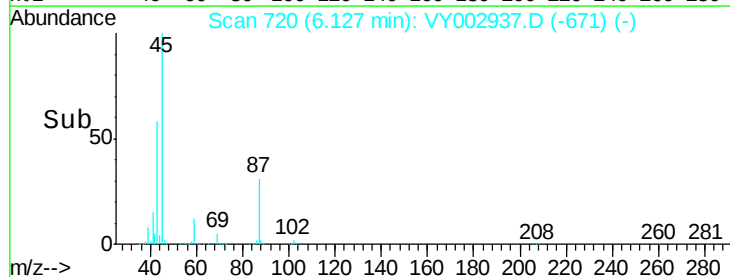
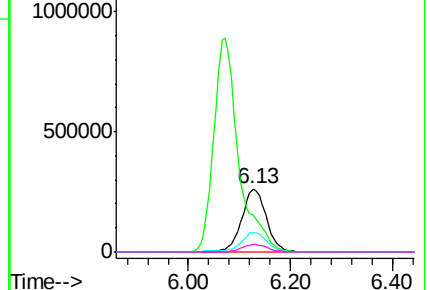


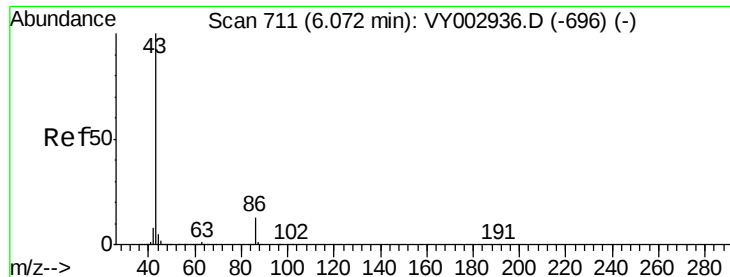
Abundance Ion 45.00 (44.70 to 45.70): VY002937.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VY002937.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VY002937.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VY002937.D (-671) (-)





#23

Vinyl Acetate

Concen: 545.137 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

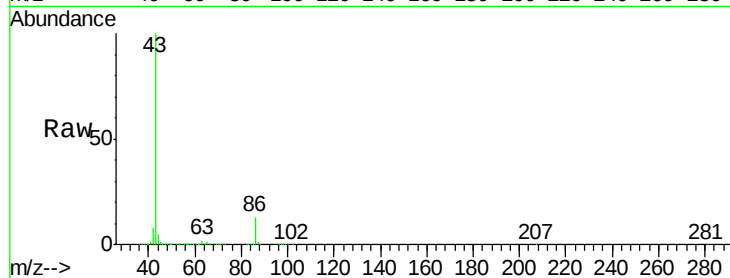
VSTDIC100

Tgt Ion: 43 Resp: 3011205

Ion Ratio Lower Upper

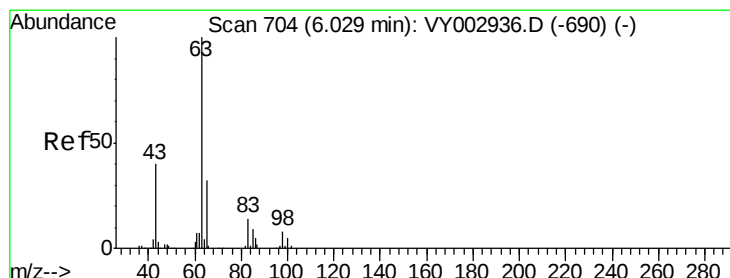
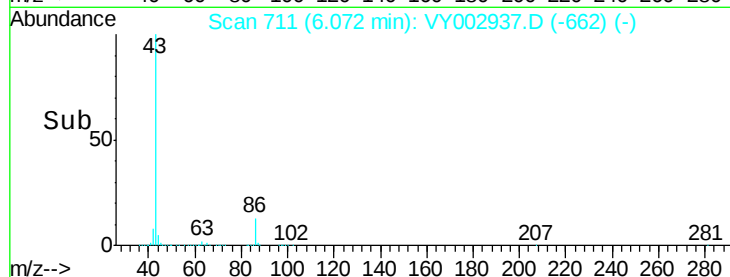
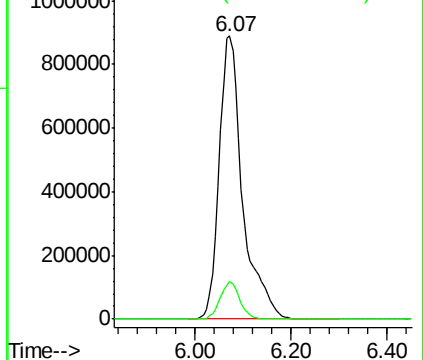
43 100

86 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 102.546 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

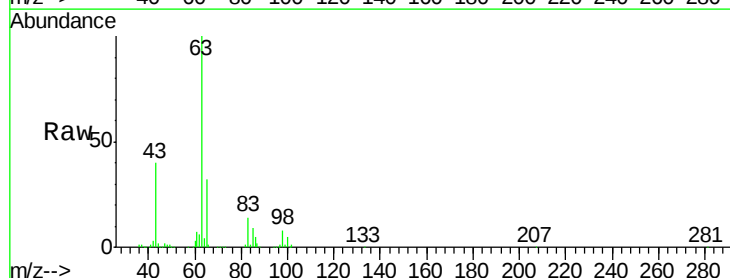
Tgt Ion: 63 Resp: 531952

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

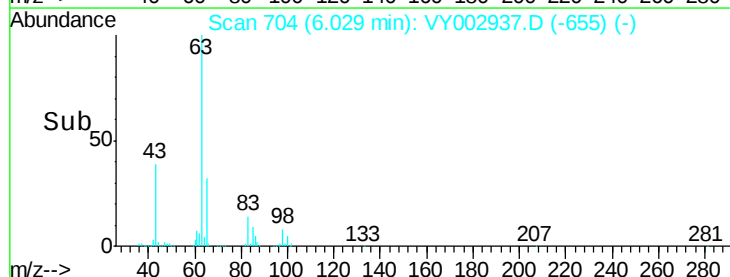
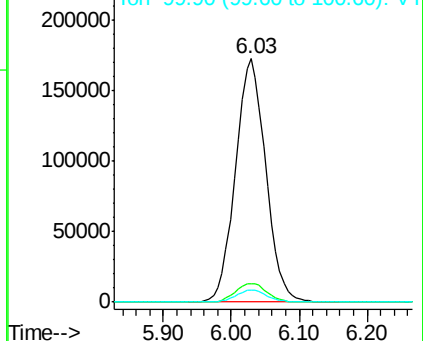
100 5.1 2.5 7.6

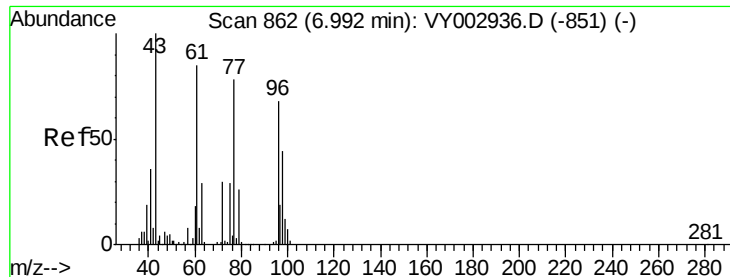


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 509.514 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

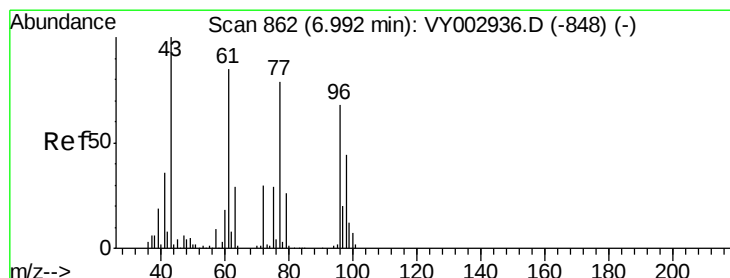
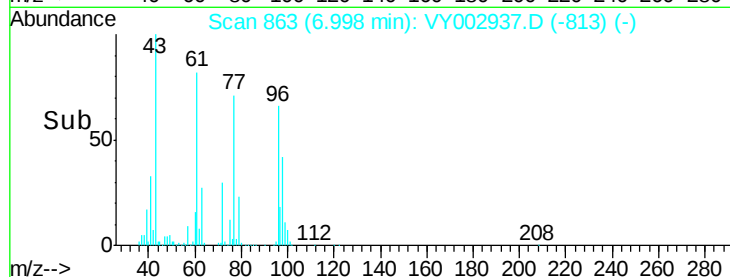
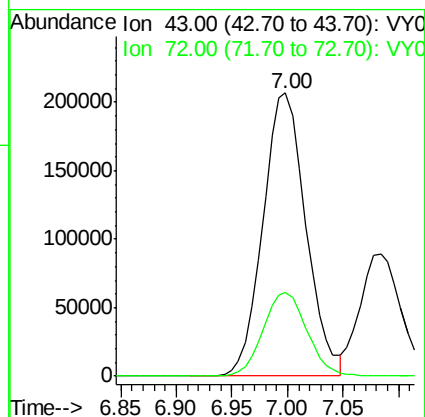
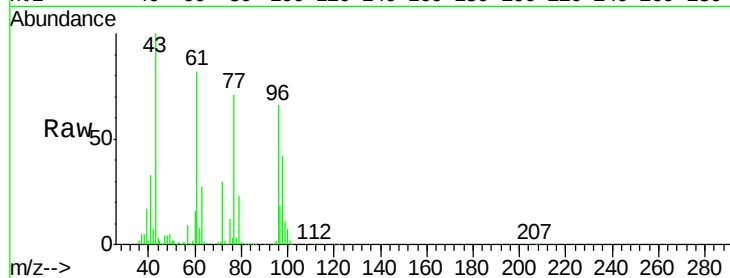
VSTDICC100

Tgt Ion: 43 Resp: 556235

Ion Ratio Lower Upper

43 100

72 29.6 24.2 36.4



#26

2,2-Dichloropropane

Concen: 97.020 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002937.D

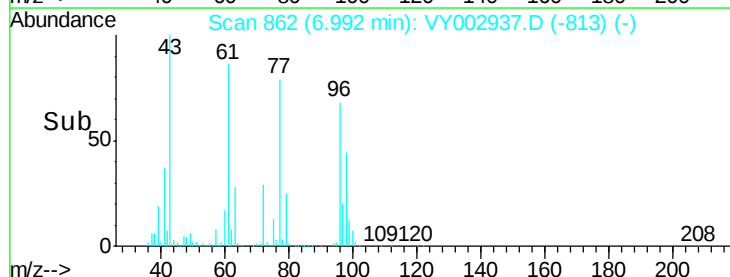
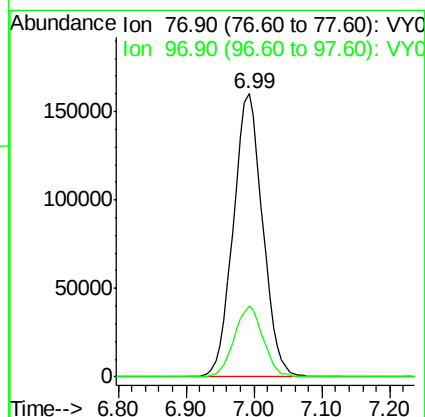
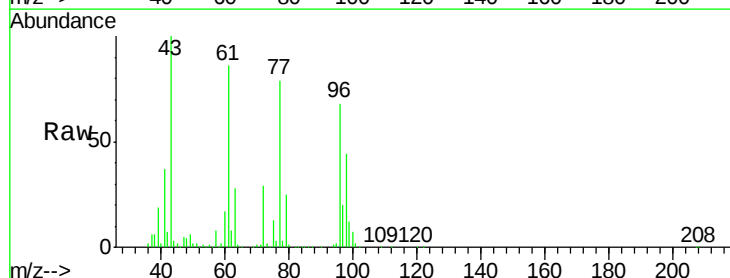
Acq: 19 Jun 2020 14:24

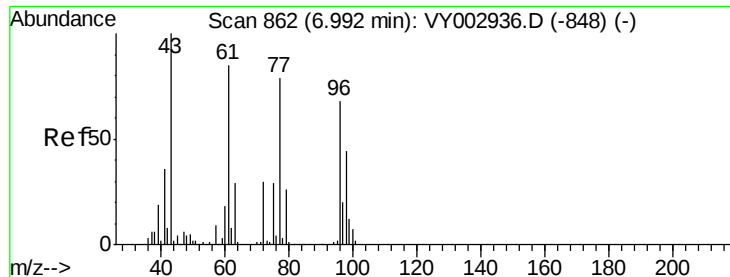
Tgt Ion: 77 Resp: 477990

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.9



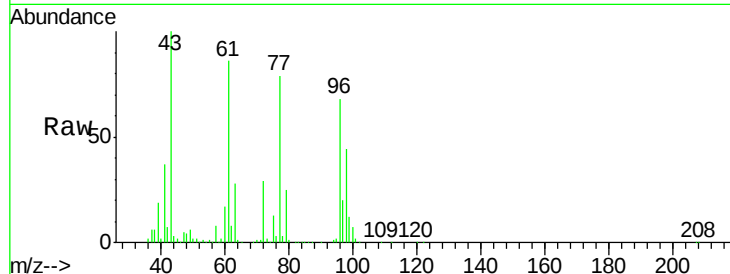


#27

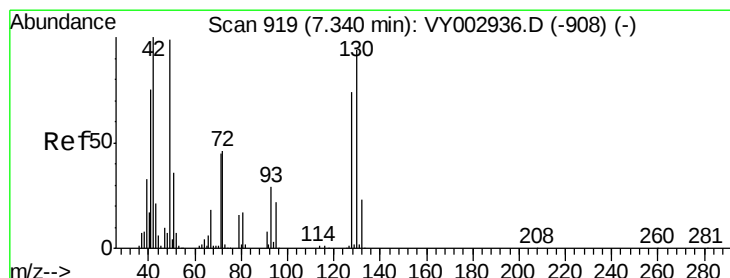
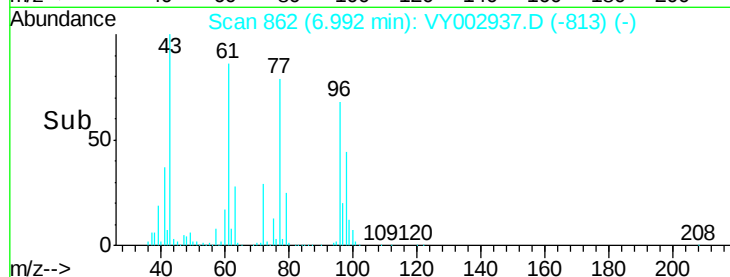
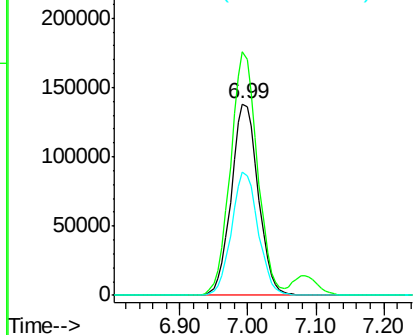
cis-1,2-Dichloroethene
 Concen: 102.836 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 378846
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 257.0
 98 64.0 0.0 129.8



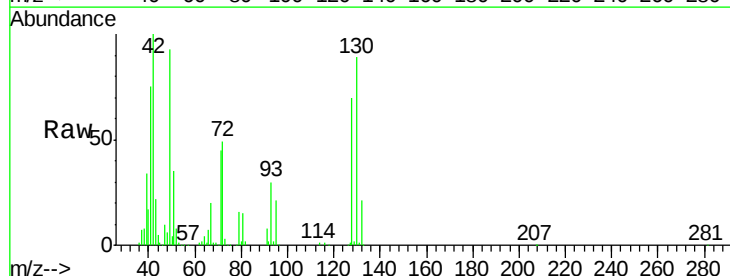
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



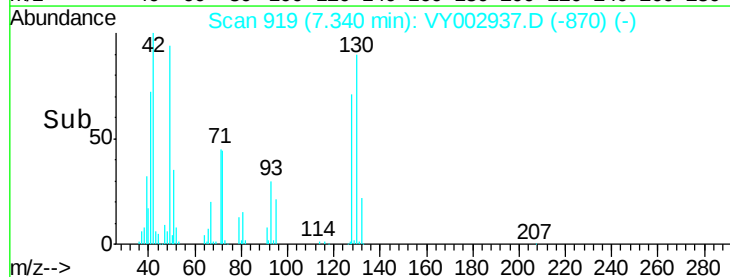
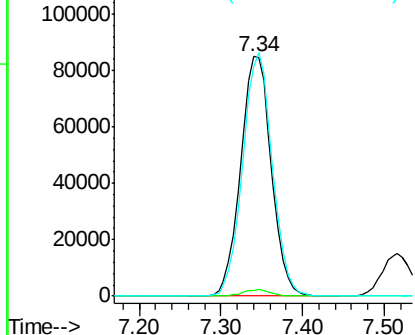
#28

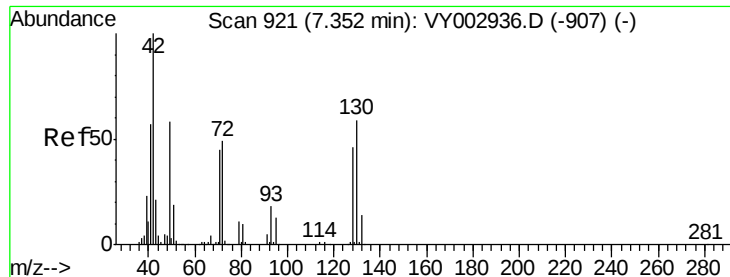
Bromochloromethane
 Concen: 102.821 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 49 Resp: 221779
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 98.2 78.4 117.6



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





#29

Tetrahydrofuran

Concen: 511.303 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

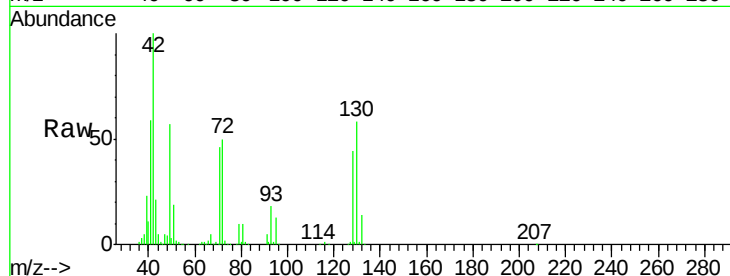
Tgt Ion: 42 Resp: 359954

Ion Ratio Lower Upper

42 100

72 48.8 39.1 58.7

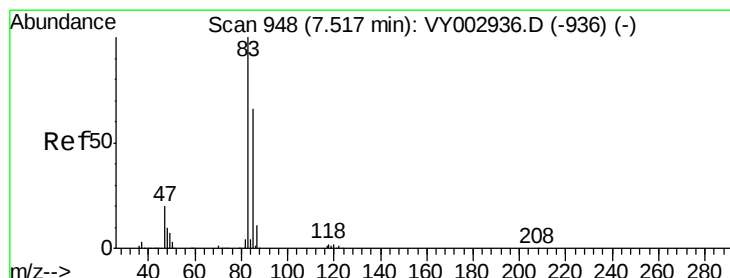
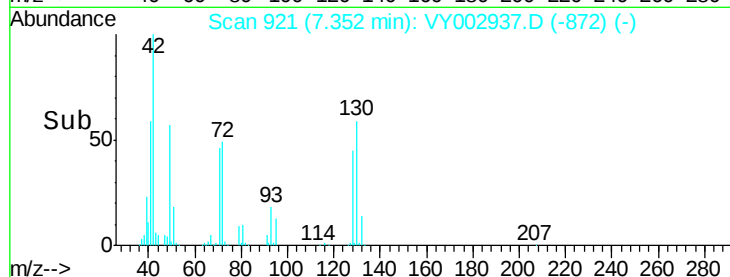
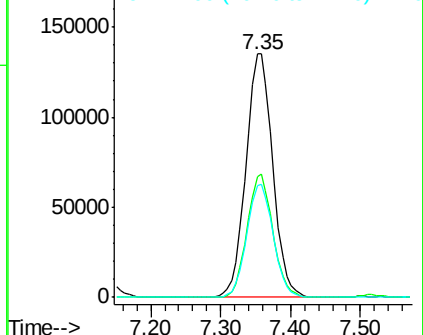
71 45.7 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 101.972 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002937.D

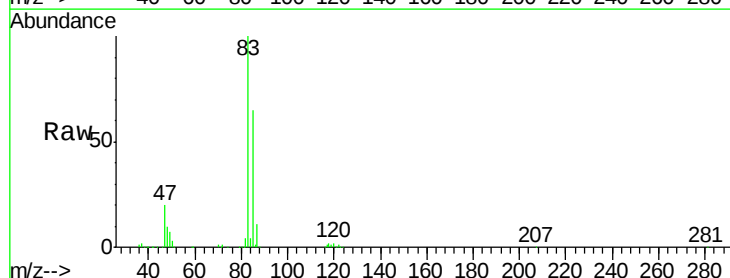
Acq: 19 Jun 2020 14:24

Tgt Ion: 83 Resp: 554402

Ion Ratio Lower Upper

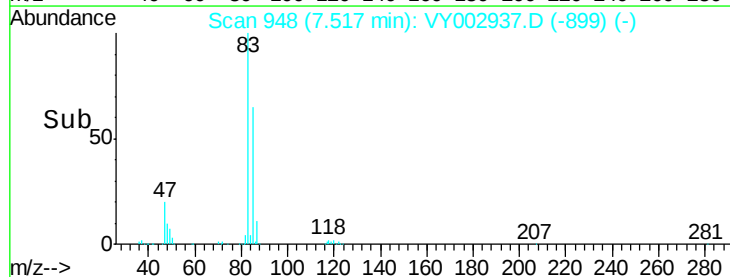
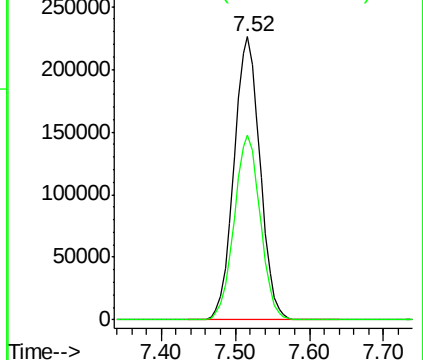
83 100

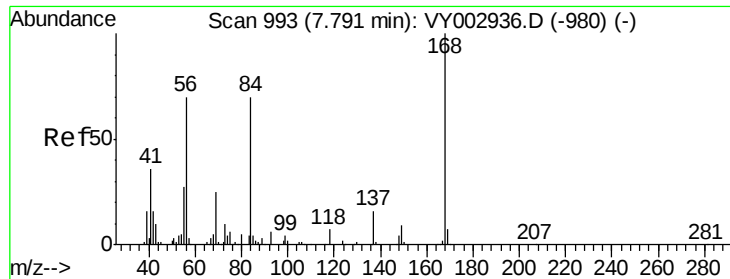
85 65.2 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

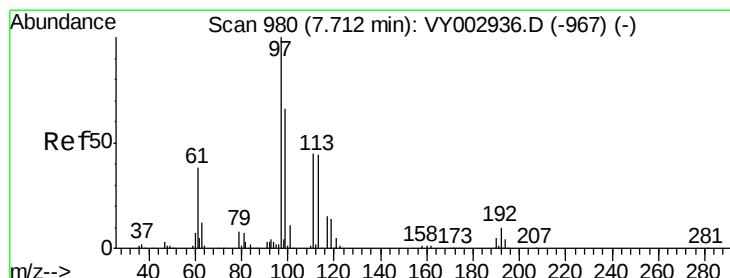
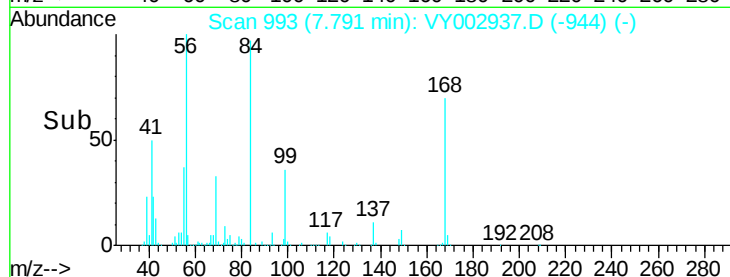
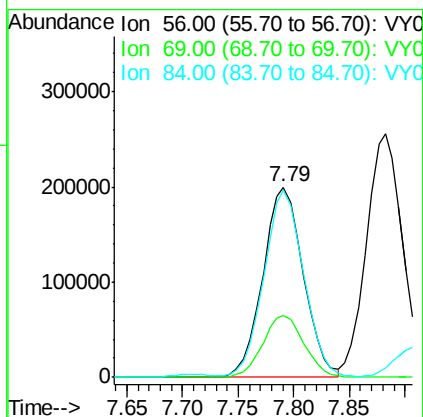
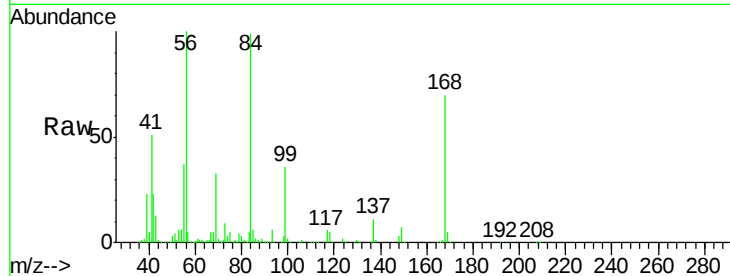




#31
Cyclohexane
Concen: 98.671 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

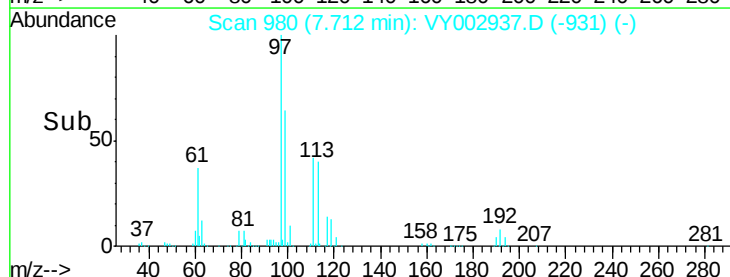
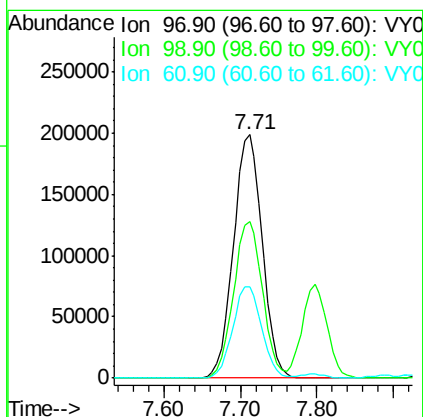
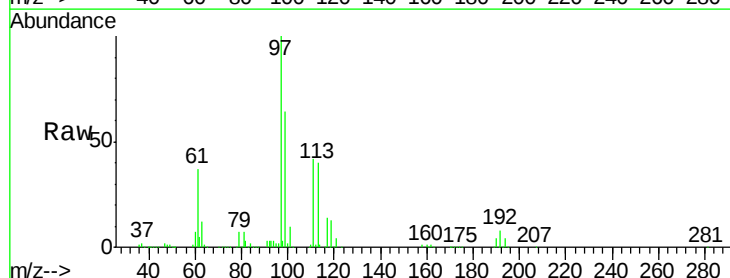
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

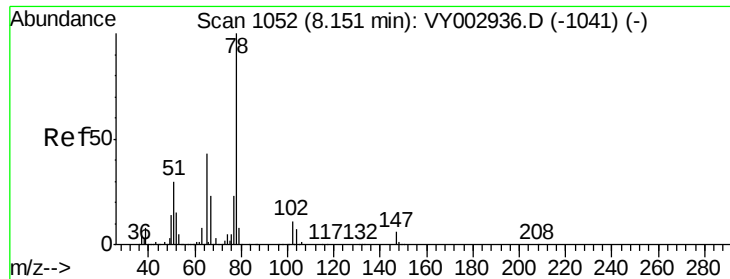
Tgt Ion	Resp	Lower	Upper
56	100		
69	32.9	28.9	43.3
84	97.0	80.1	120.1



#32
1,1,1-Trichloroethane
Concen: 103.796 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.8	52.2	78.2
61	37.7	30.3	45.5

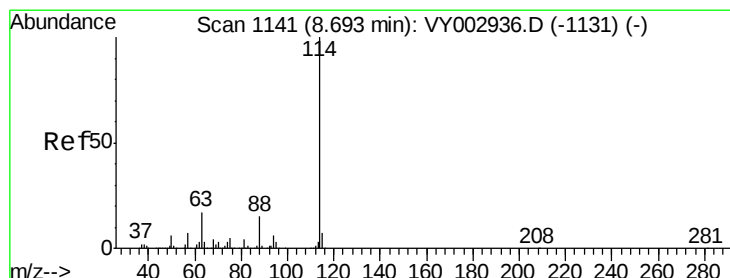
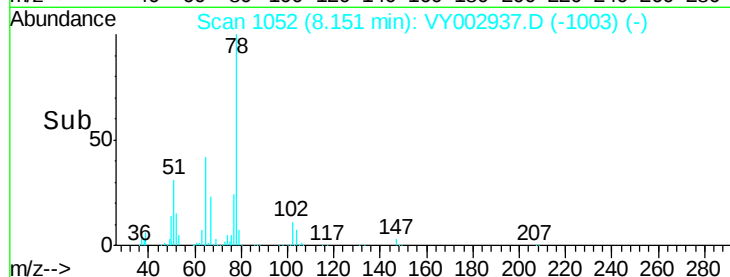
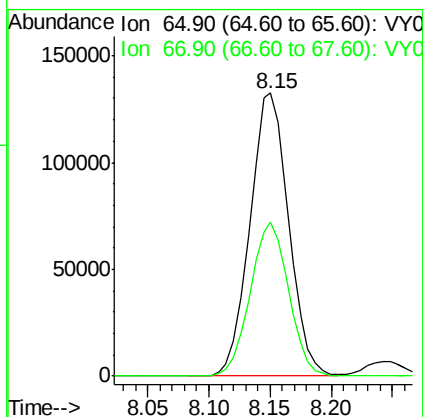
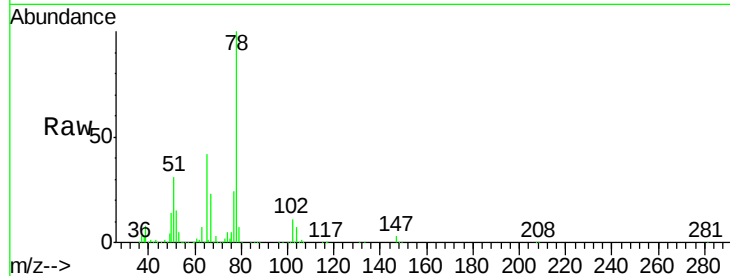




#33
 1,2-Dichloroethane-d4
 Concen: 98.401 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

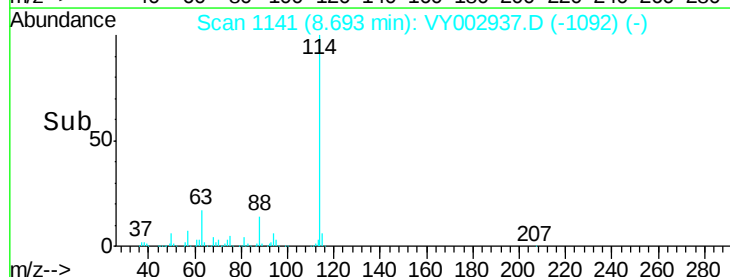
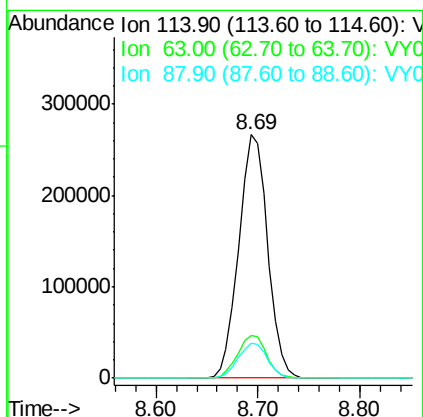
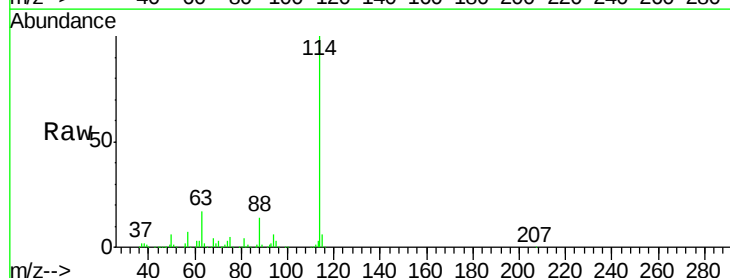
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

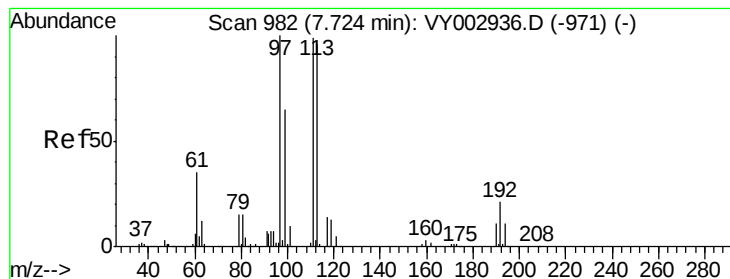
Tgt Ion: 65 Resp: 291864
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 114 Resp: 522528
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.6
 88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 98.250 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

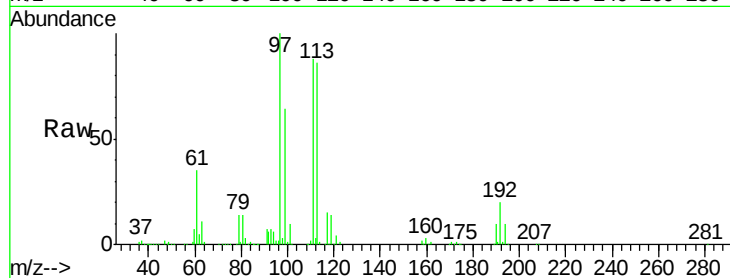
Tgt Ion:113 Resp: 293836

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

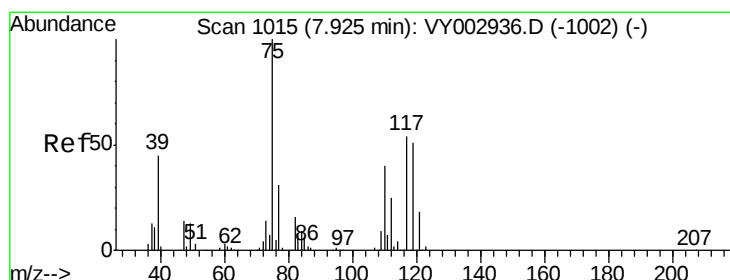
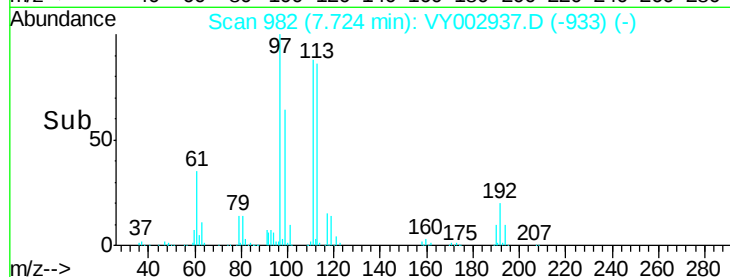
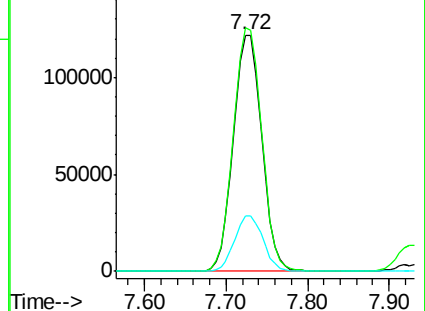
192 23.6 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 105.056 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

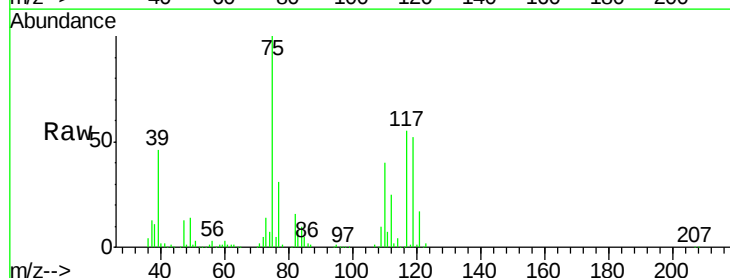
Tgt Ion: 75 Resp: 444823

Ion Ratio Lower Upper

75 100

110 39.2 19.7 59.0

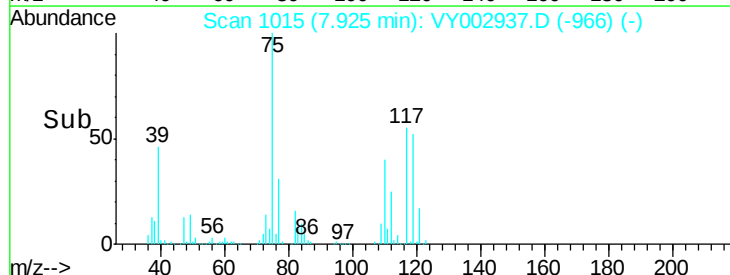
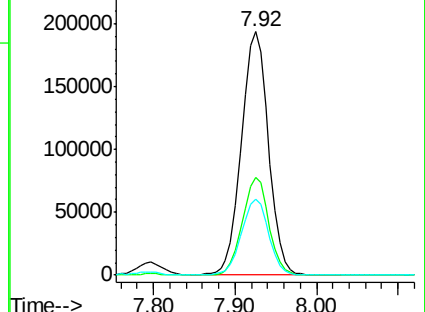
77 31.4 25.0 37.4

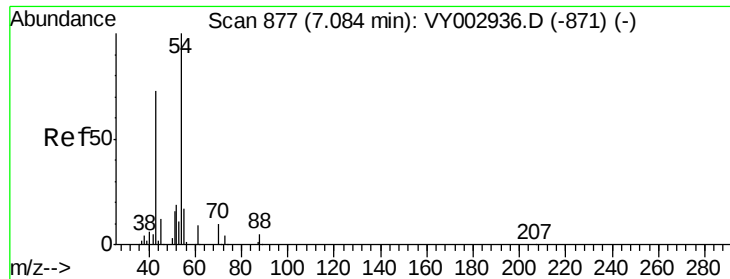


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

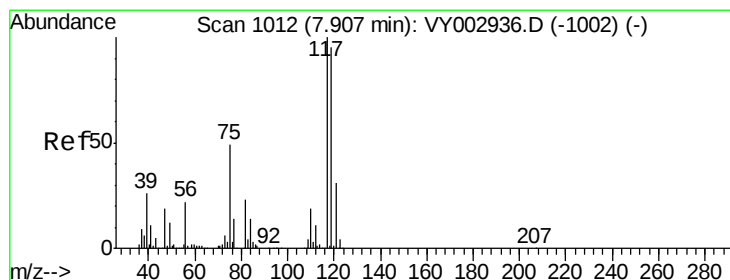
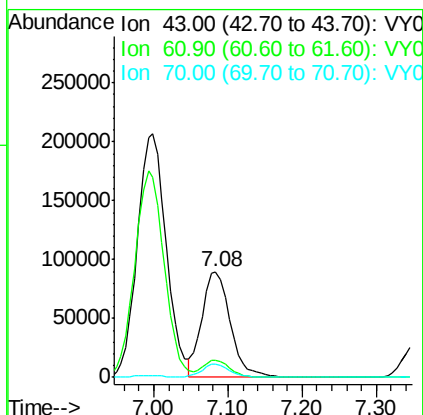
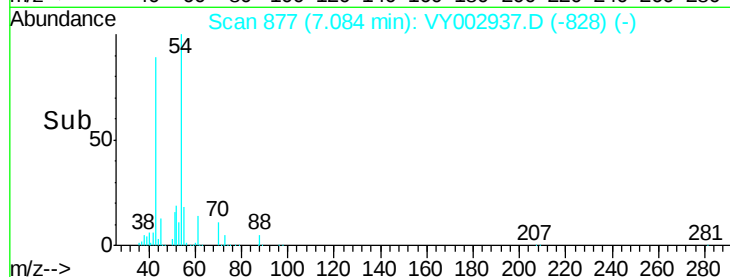
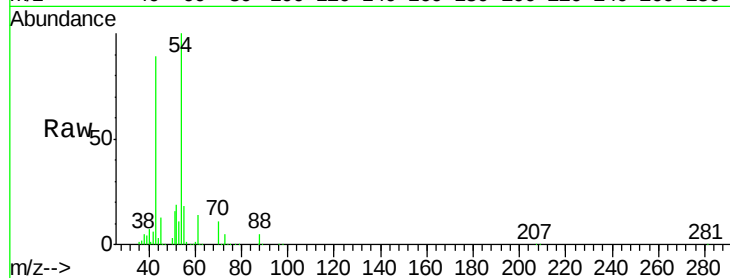




#37
Ethyl Acetate
Concen: 99.408 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

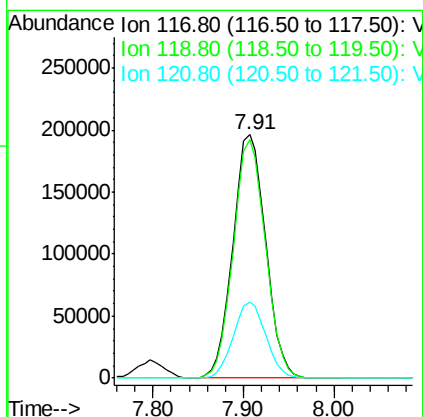
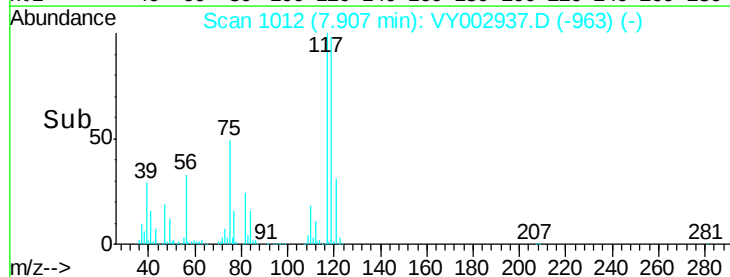
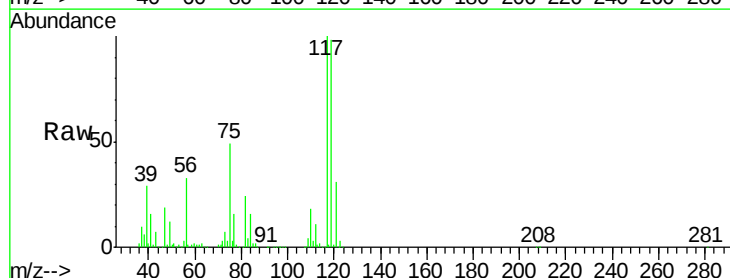
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

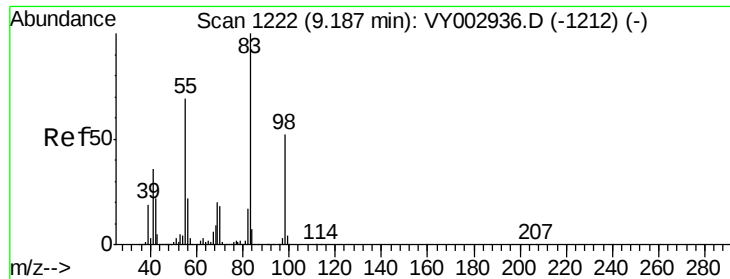
Tgt Ion: 43 Resp: 236638
Ion Ratio Lower Upper
43 100
61 15.5 12.3 18.5
70 12.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 105.759 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 117 Resp: 492095
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1
121 31.4 24.8 37.2

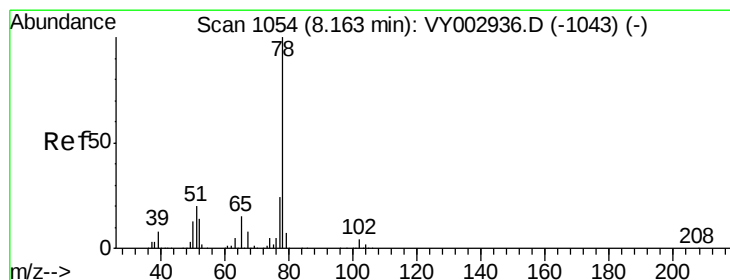
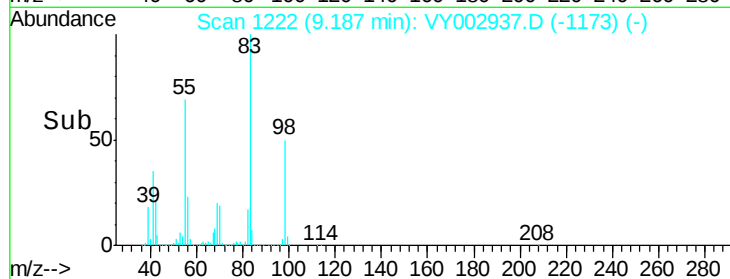
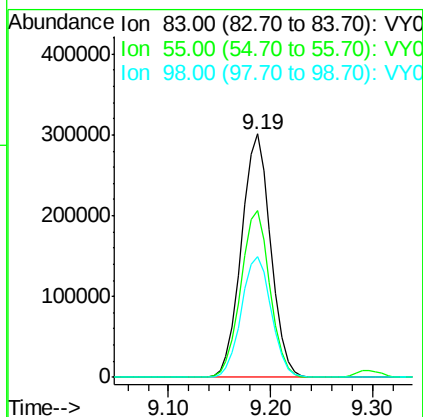
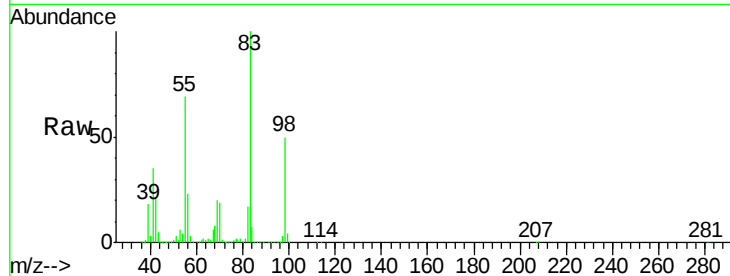




#39
Methylcyclohexane
Concen: 108.570 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

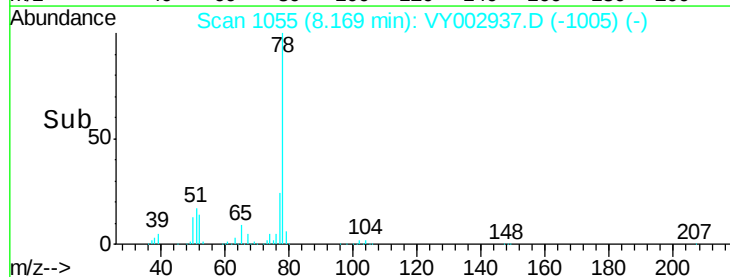
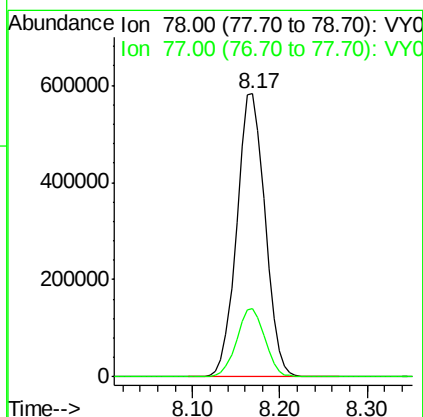
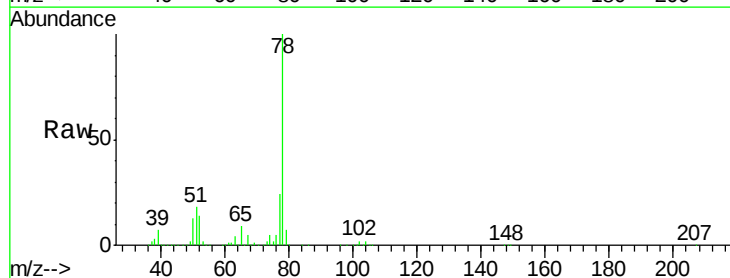
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

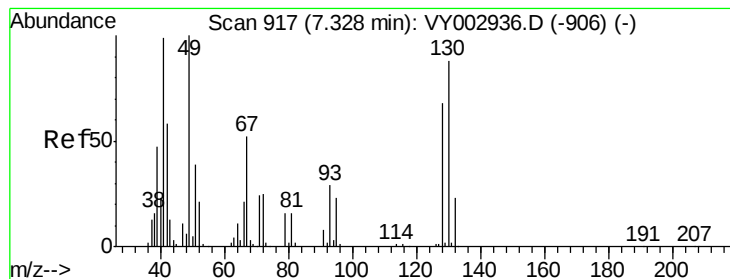
Tgt Ion: 83 Resp: 599313
Ion Ratio Lower Upper
83 100
55 68.6 55.0 82.4
98 49.8 41.4 62.2



#40
Benzene
Concen: 103.519 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 78 Resp: 1310160
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 149.979 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 322867

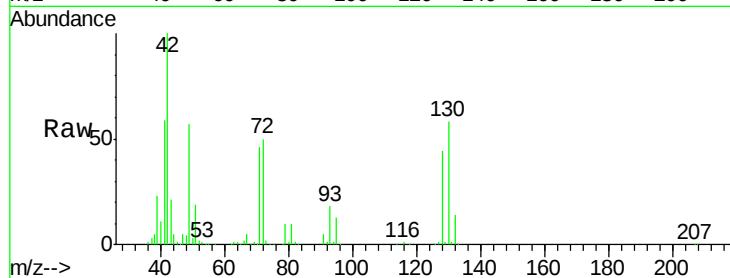
Ion Ratio Lower Upper

41 100

39 0.0 96.6 144.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

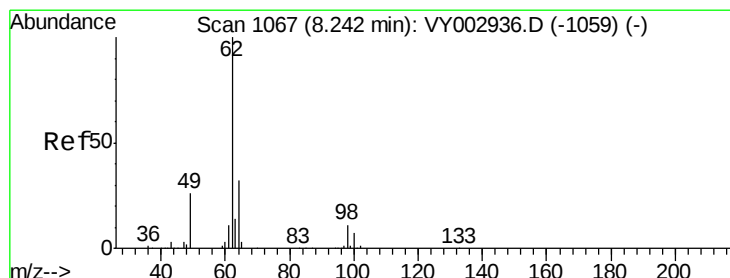
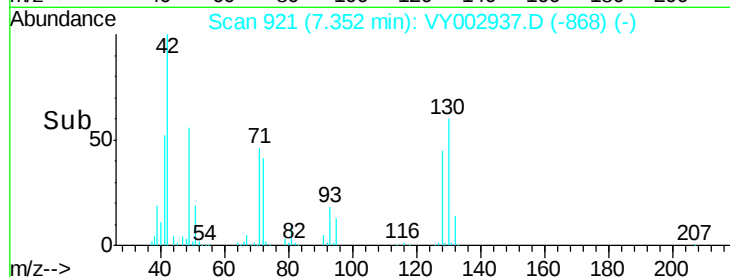
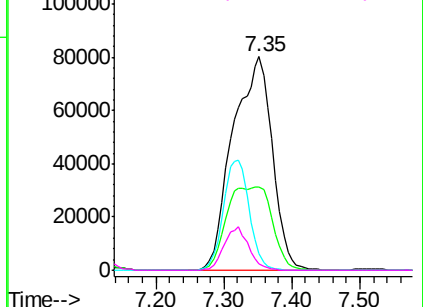


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 102.311 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002937.D

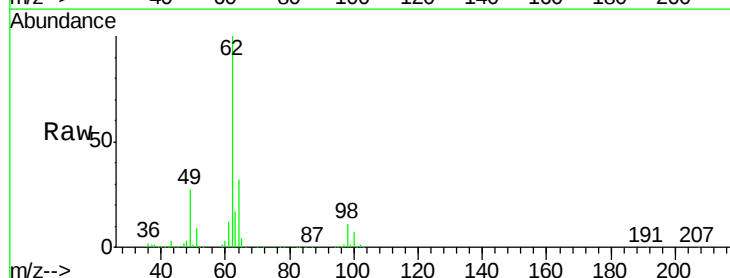
Acq: 19 Jun 2020 14:24

Tgt Ion: 62 Resp: 360101

Ion Ratio Lower Upper

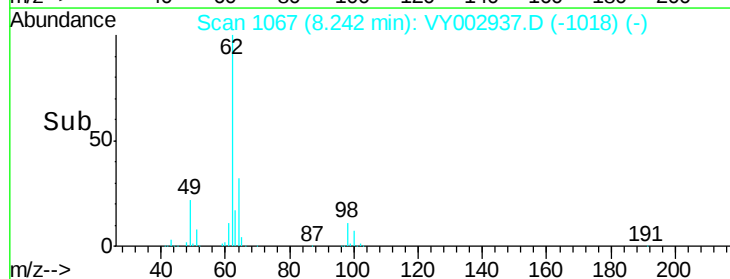
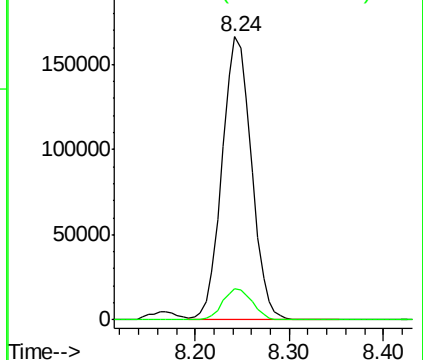
62 100

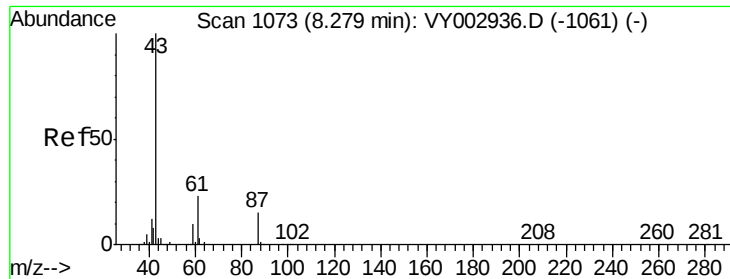
98 11.1 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 104.518 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

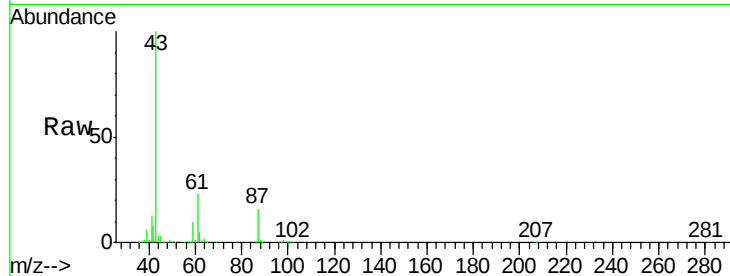
Tgt Ion: 43 Resp: 455786

Ion Ratio Lower Upper

43 100

61 31.1 25.0 37.4

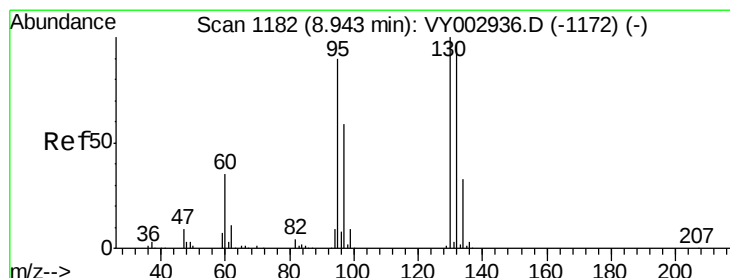
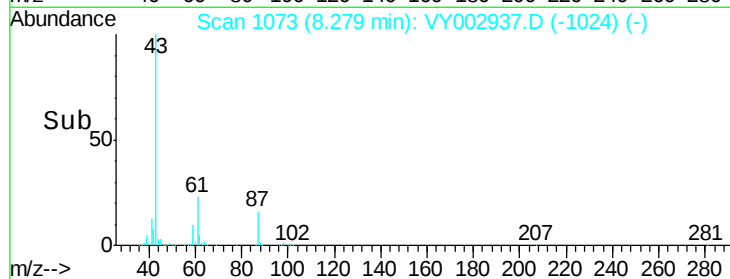
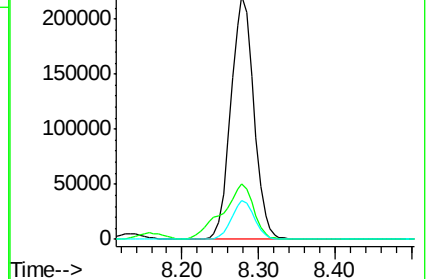
87 16.0 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002937.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002937.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002937.D (-1061) (-)



#44

Trichloroethene

Concen: 102.431 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002937.D

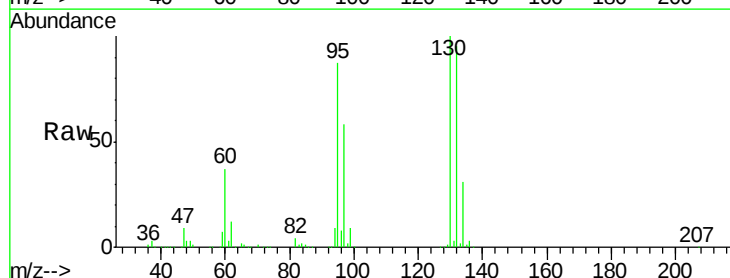
Acq: 19 Jun 2020 14:24

Tgt Ion: 130 Resp: 402836

Ion Ratio Lower Upper

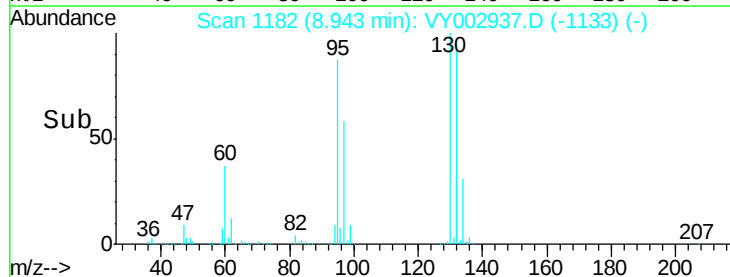
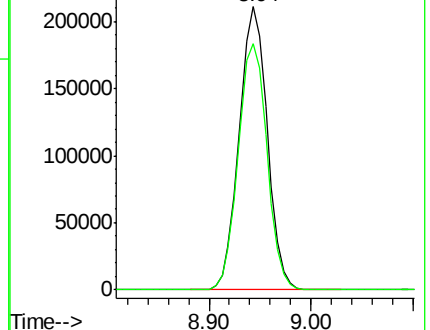
130 100

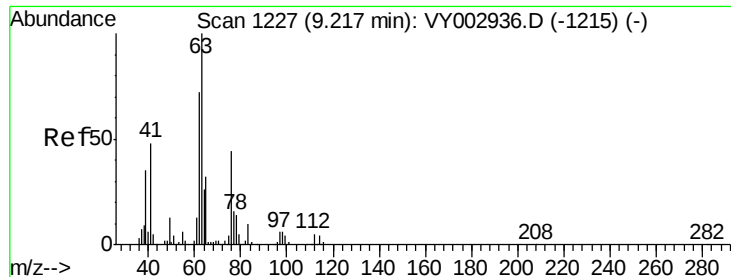
95 87.1 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002937.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002937.D (-1172) (-)

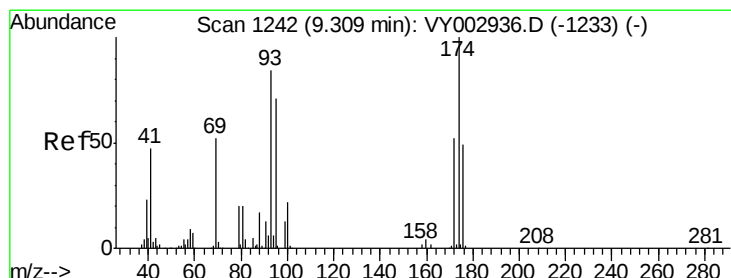
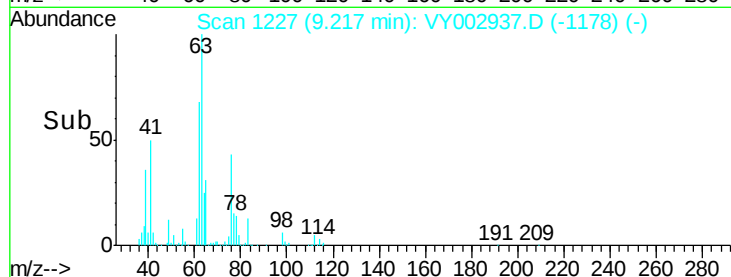
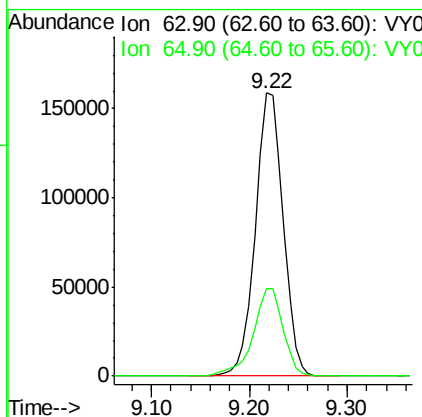
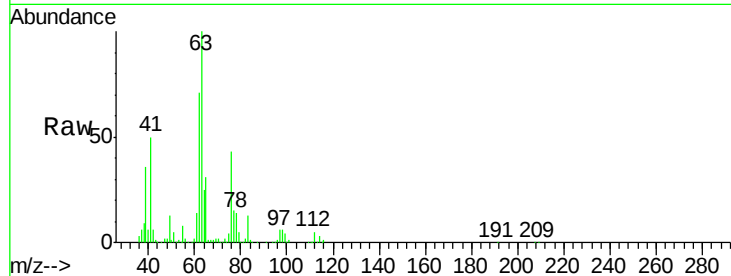




#45
 1,2-Dichloropropane
 Concen: 102.648 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

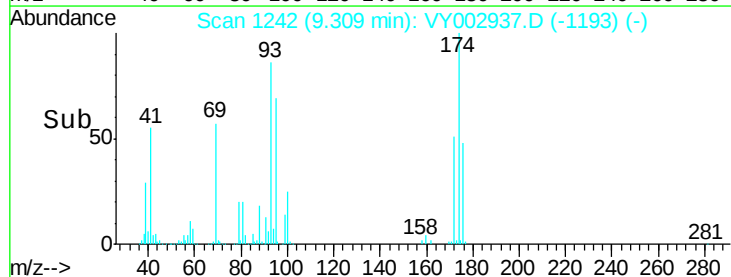
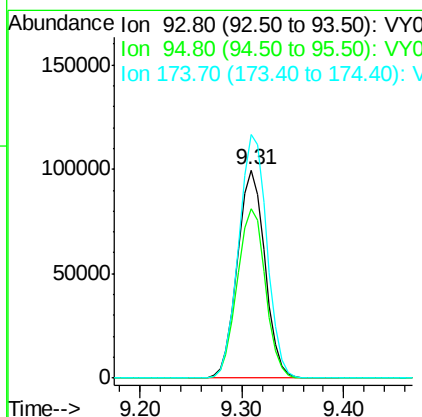
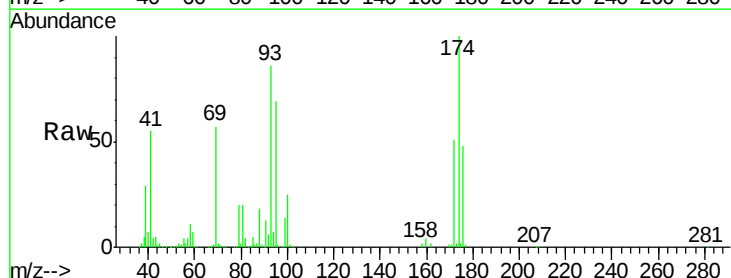
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

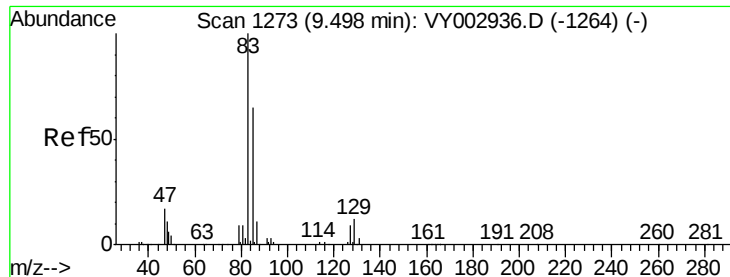
Tgt Ion: 63 Resp: 313280
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.5 38.3



#46
 Dibromomethane
 Concen: 102.252 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 93 Resp: 186284
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 120.0 95.1 142.7





#47

Bromodichloromethane

Concen: 104.964 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

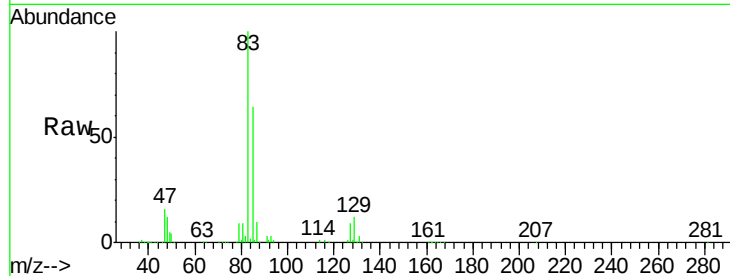
Tgt Ion: 83 Resp: 442293

Ion Ratio Lower Upper

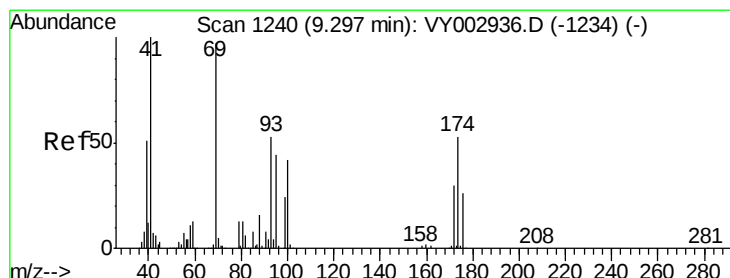
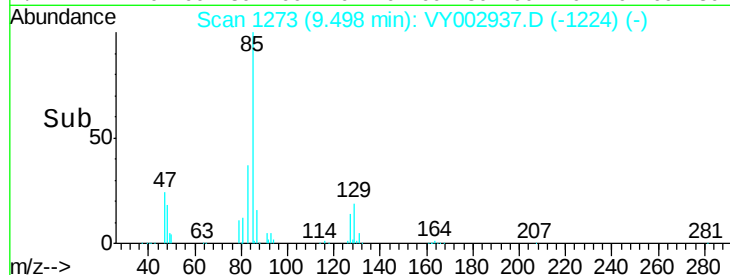
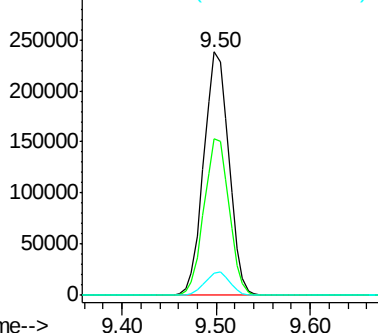
83 100

85 64.3 51.9 77.9

127 9.0 7.4 11.0



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



#48

Methyl methacrylate

Concen: 107.264 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

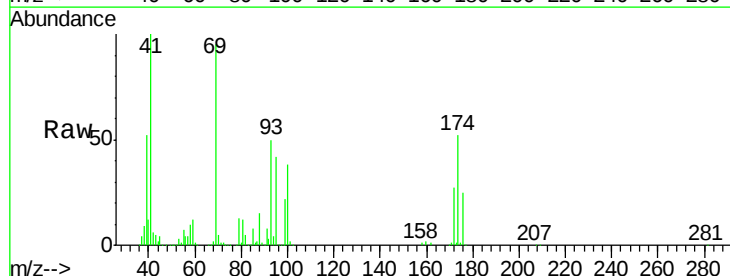
Tgt Ion: 41 Resp: 208048

Ion Ratio Lower Upper

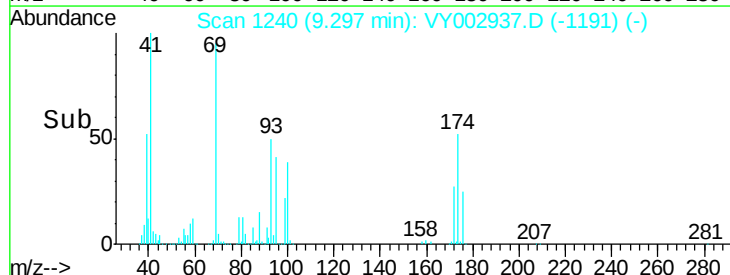
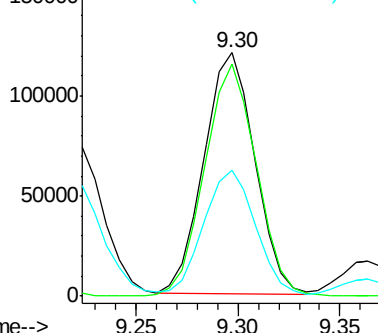
41 100

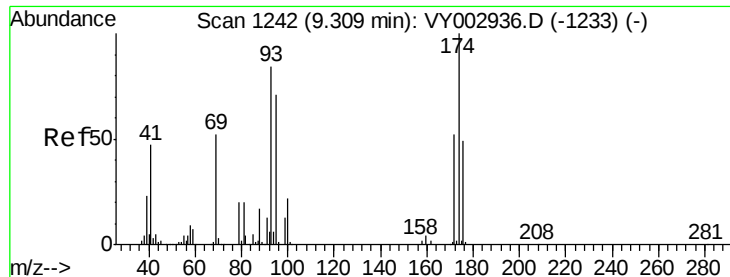
69 98.1 79.4 119.0

39 53.9 41.1 61.7



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: 2146.503 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampled :

VSTDICC100

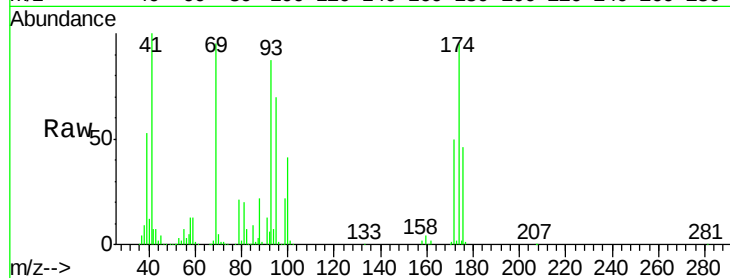
Tgt Ion: 88 Resp: 56495

Ion Ratio Lower Upper

88 100

43 23.7 21.0 31.6

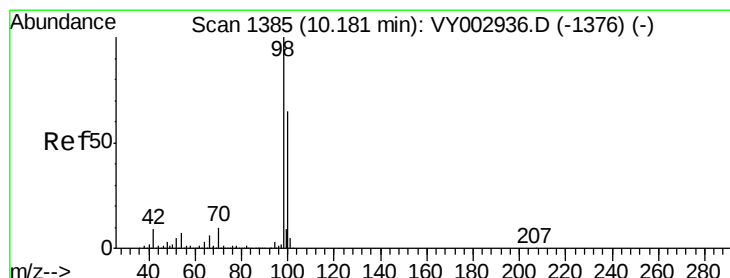
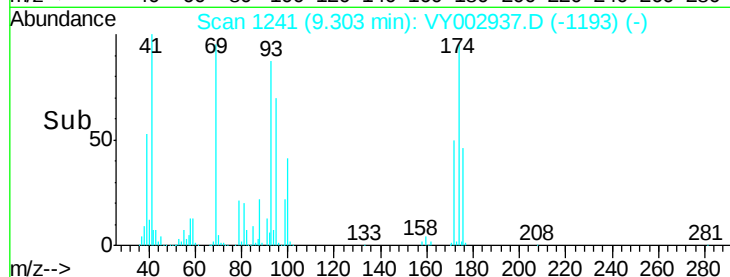
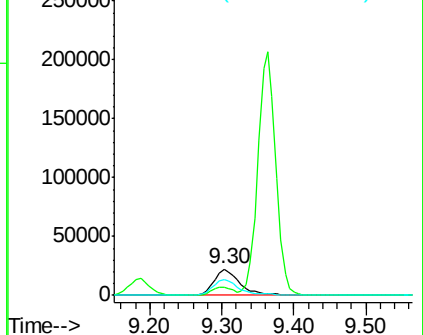
58 65.0 51.5 77.3



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 101.045 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002937.D

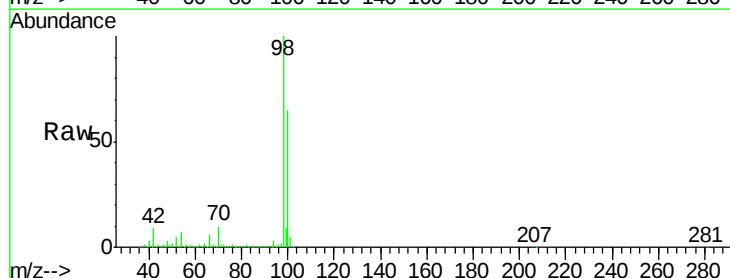
Acq: 19 Jun 2020 14:24

Tgt Ion: 98 Resp: 1186322

Ion Ratio Lower Upper

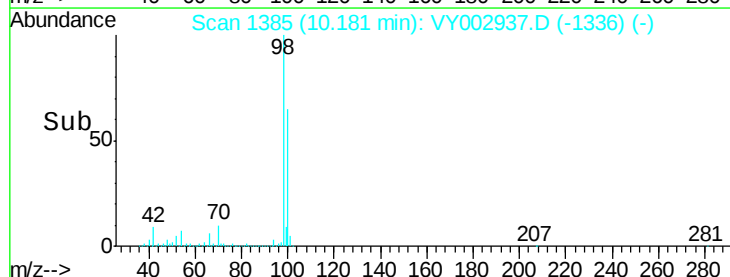
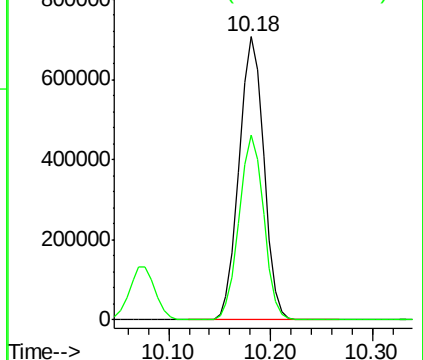
98 100

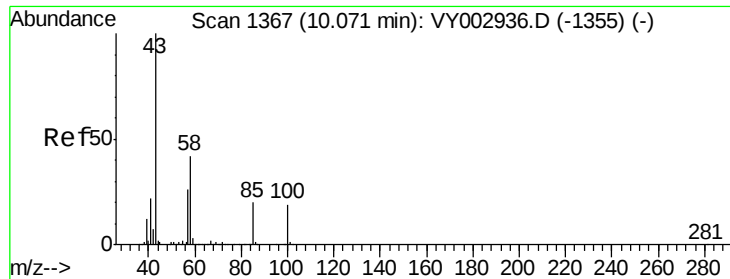
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

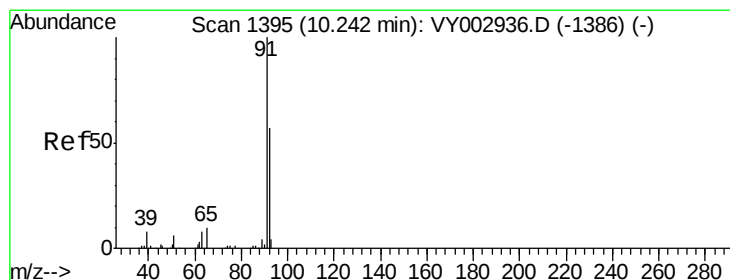
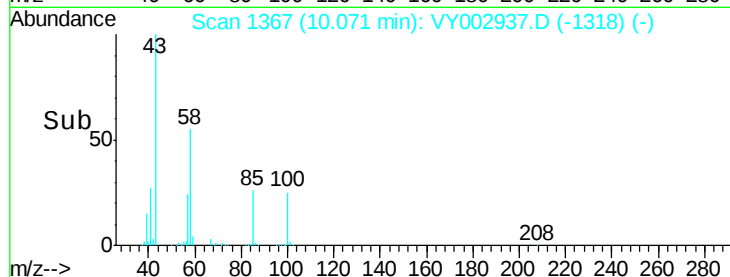
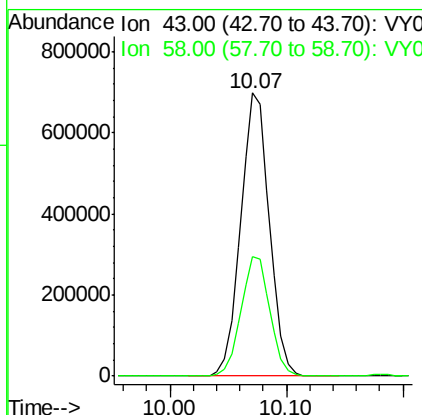
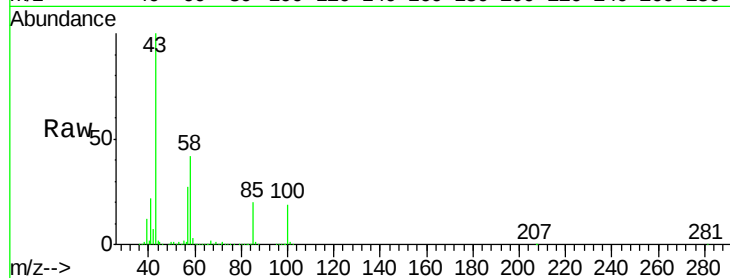




#51
4-Methyl-2-Pentanone
Concen: 512.745 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

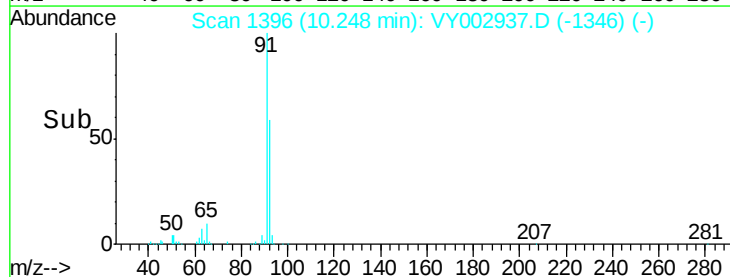
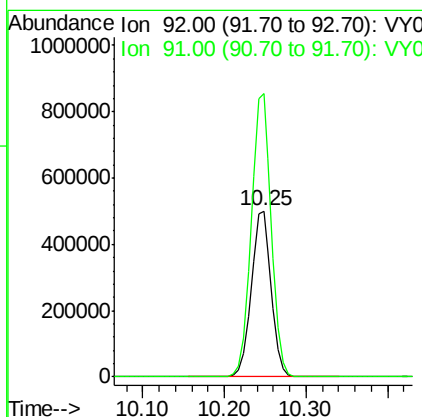
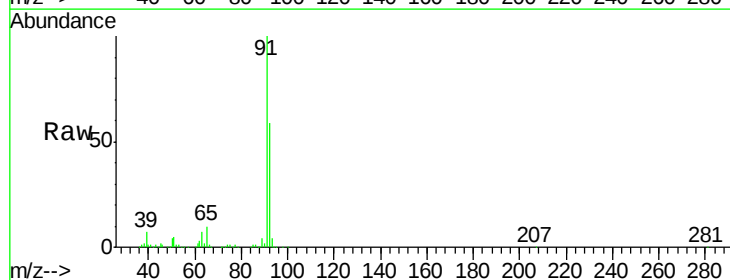
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

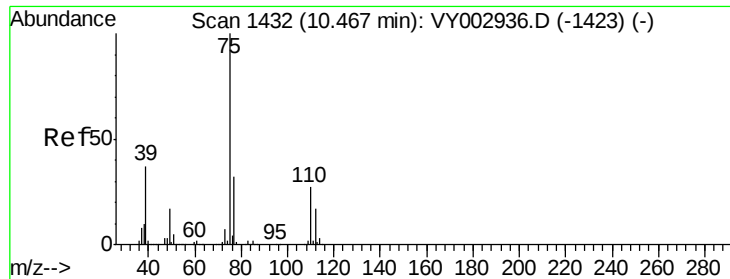
Tgt Ion: 43 Resp: 1194429
Ion Ratio Lower Upper
43 100
58 42.4 33.9 50.9



#52
Toluene
Concen: 104.091 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 92 Resp: 851563
Ion Ratio Lower Upper
92 100
91 171.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 106.373 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

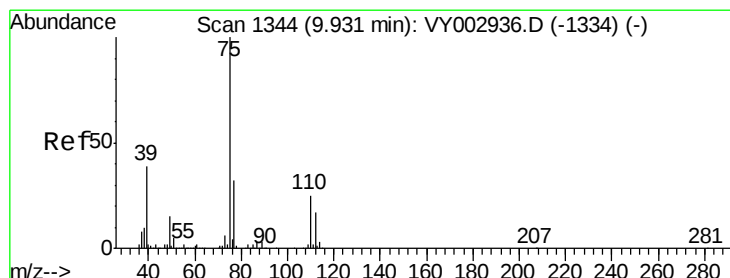
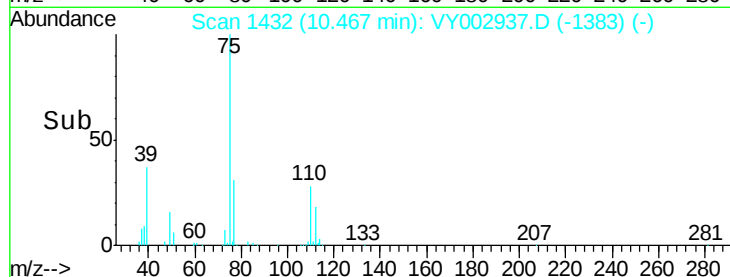
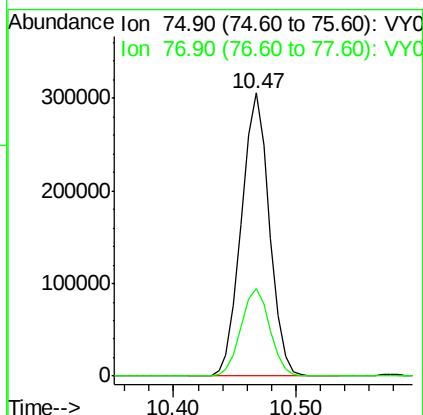
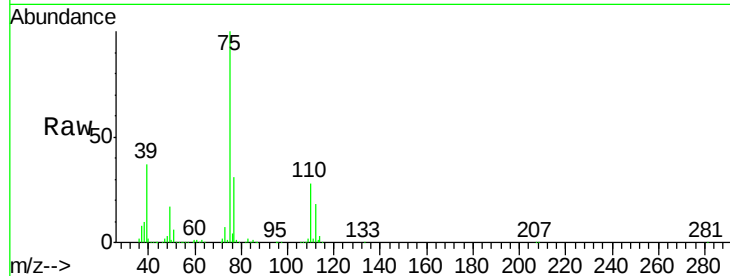
VSTDIC100

Tgt Ion: 75 Resp: 485544

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 105.177 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

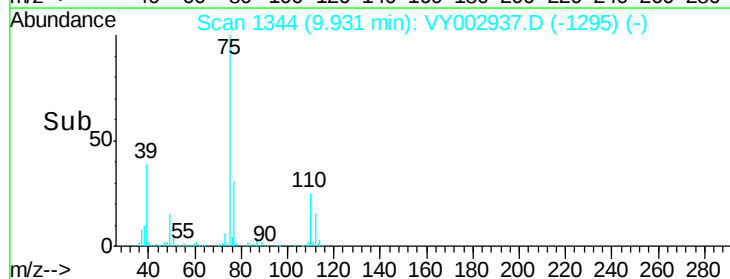
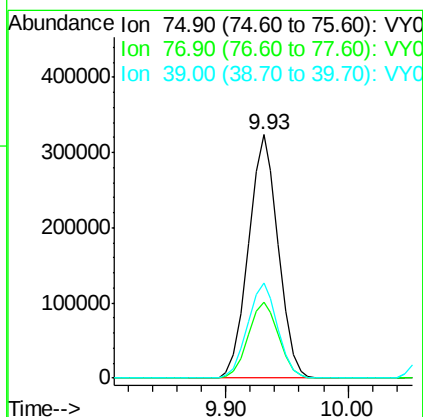
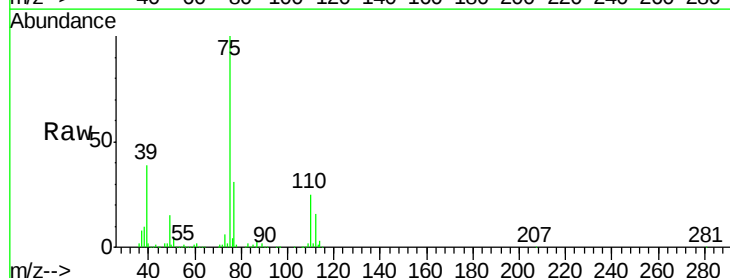
Tgt Ion: 75 Resp: 544651

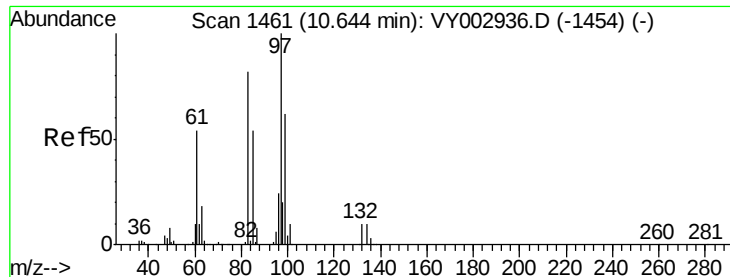
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 39.2 31.4 47.0

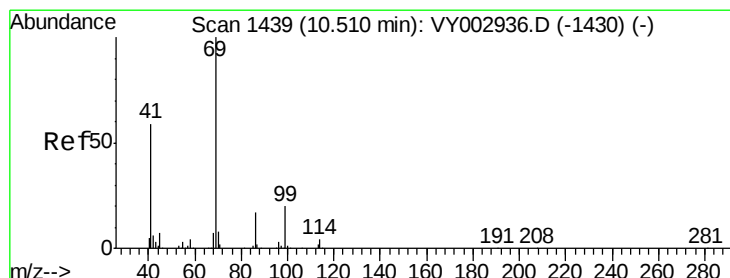
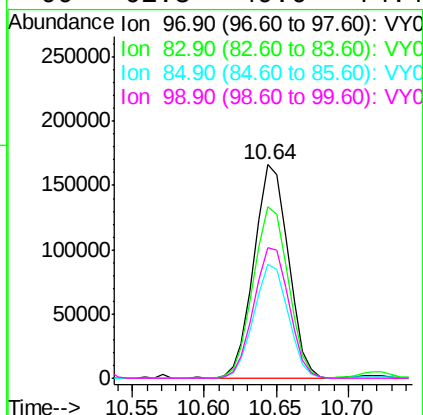
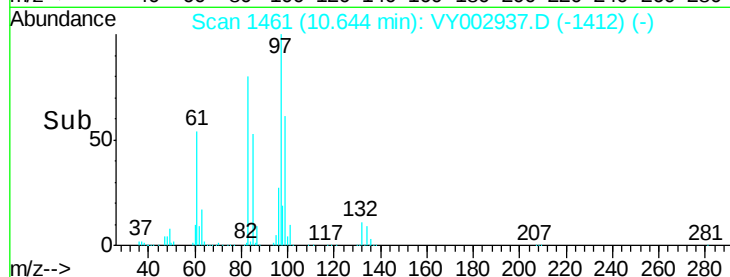
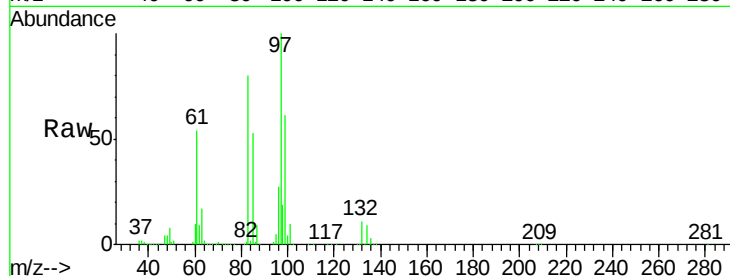




#55
 1,1,2-Trichloroethane
 Concen: 101.189 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

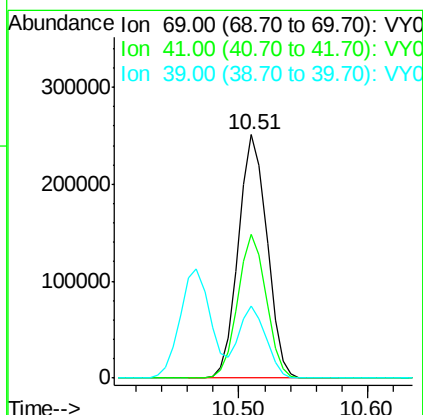
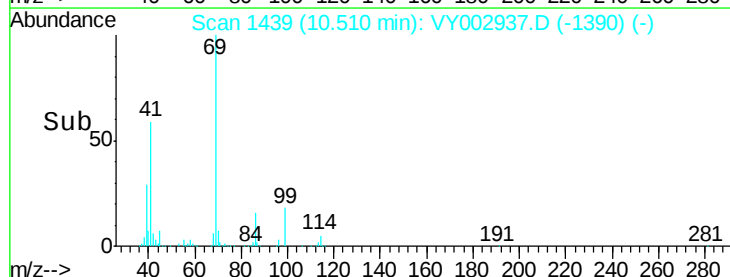
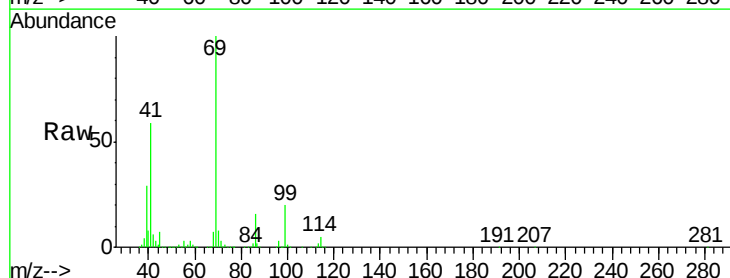
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

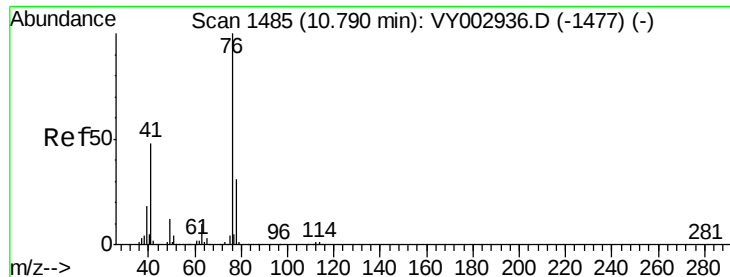
Tgt Ion:	97	Resp:	275944
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.9	98.9
85	53.4	43.1	64.7
99	61.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 107.665 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion:	69	Resp:	386716
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.4	69.6
39	27.6	21.4	32.0





#57

1,3-Dichloropropane

Concen: 100.956 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

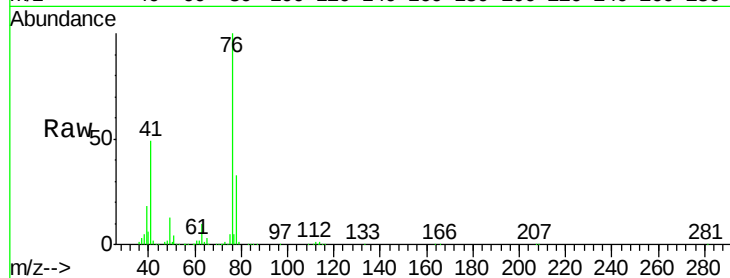
VSTDIC100

Tgt Ion: 76 Resp: 459505

Ion Ratio Lower Upper

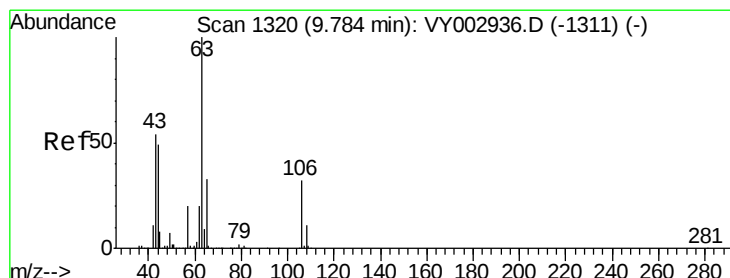
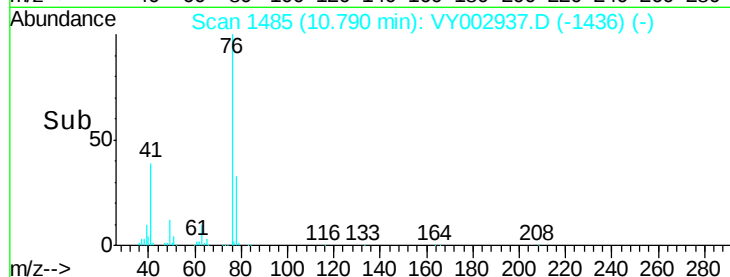
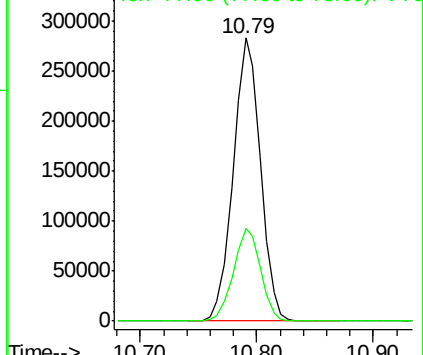
76 100

78 32.7 25.4 38.2



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: 531.654 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002937.D

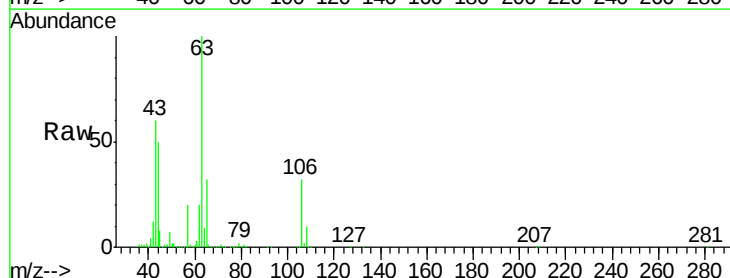
Acq: 19 Jun 2020 14:24

Tgt Ion: 63 Resp: 955466

Ion Ratio Lower Upper

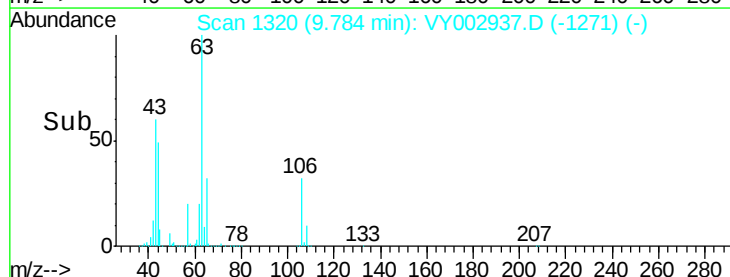
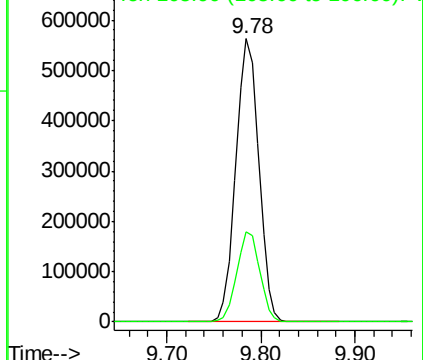
63 100

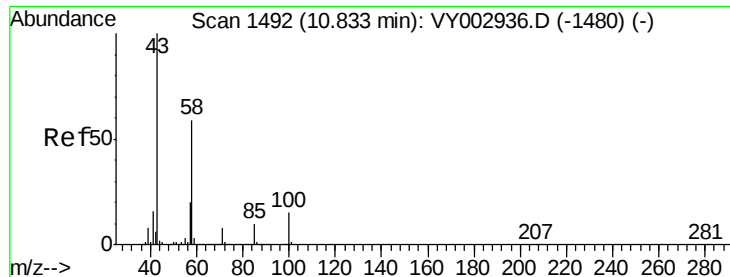
106 31.8 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

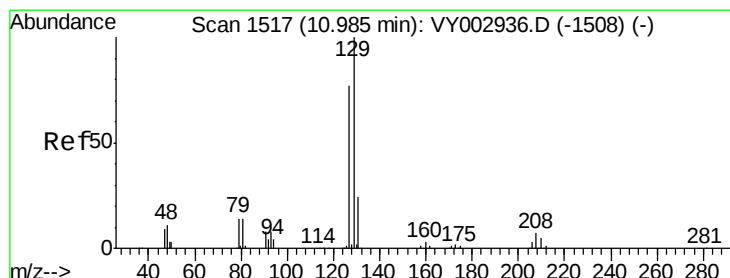
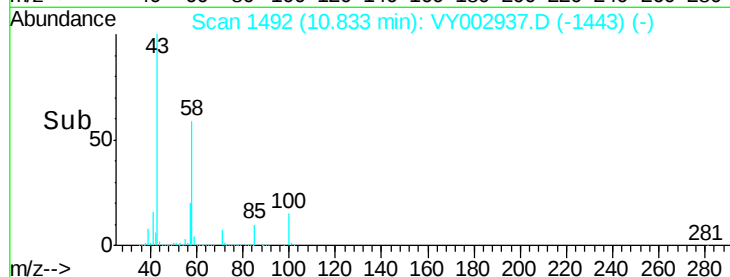
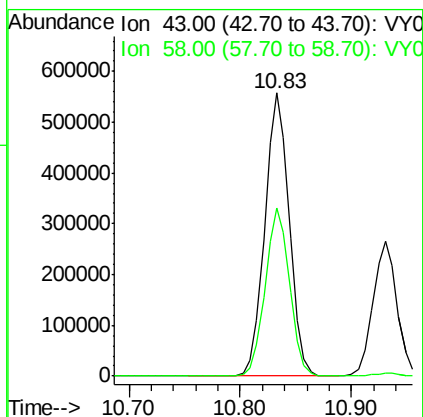
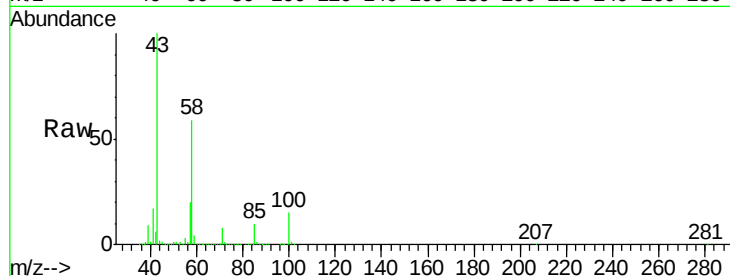




#59
2-Hexanone
Concen: 523.724 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

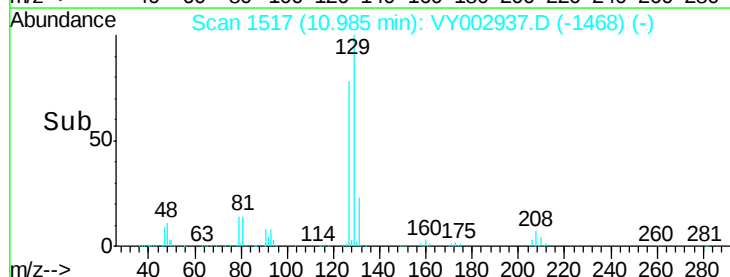
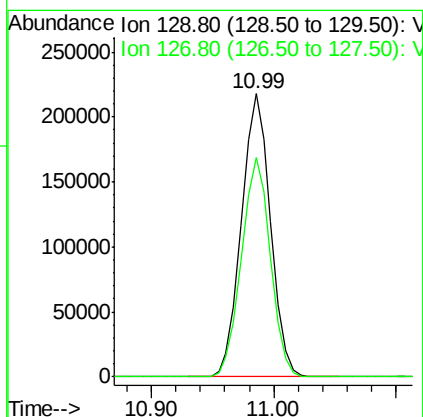
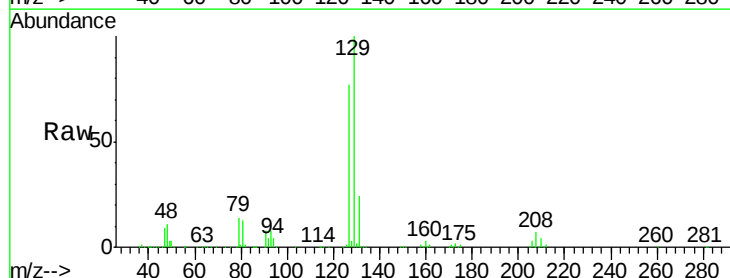
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

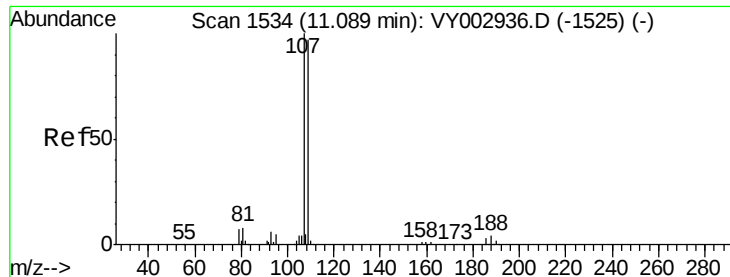
Tgt Ion: 43 Resp: 852598
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1



#60
Dibromochloromethane
Concen: 103.818 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 129 Resp: 357511
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

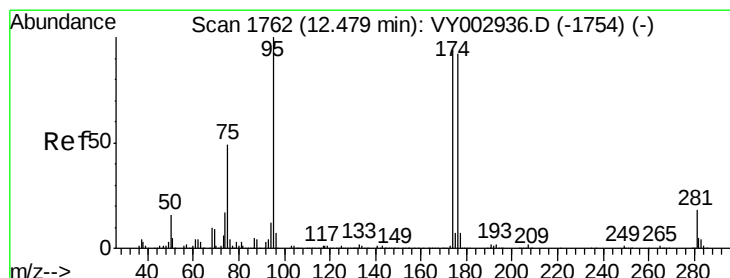
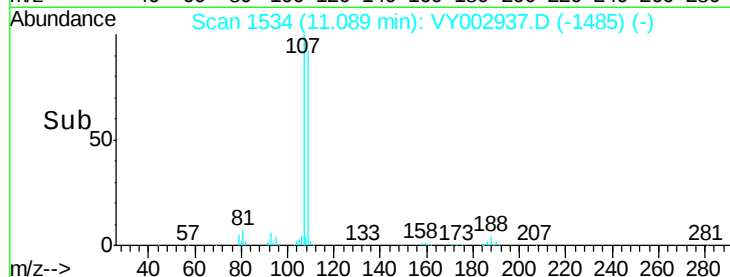
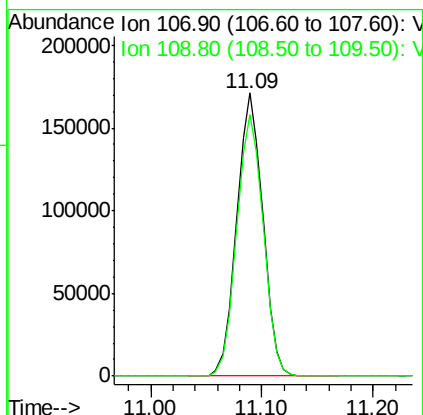
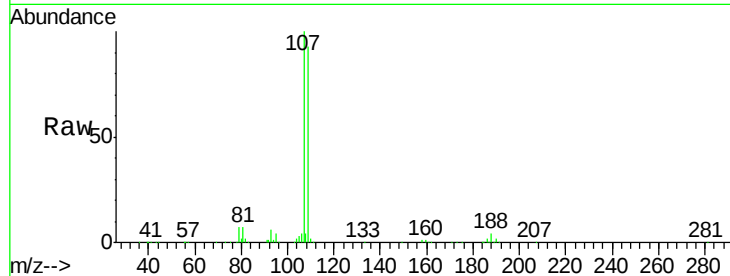




#61
 1,2-Dibromoethane
 Concen: 102.925 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

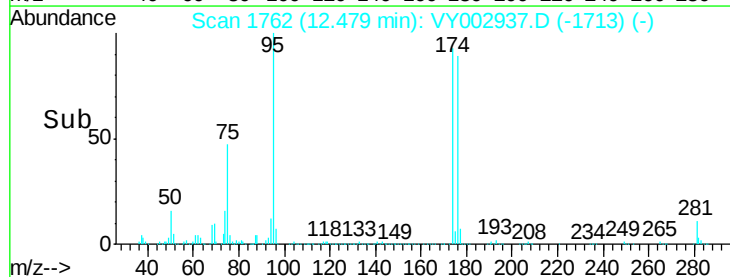
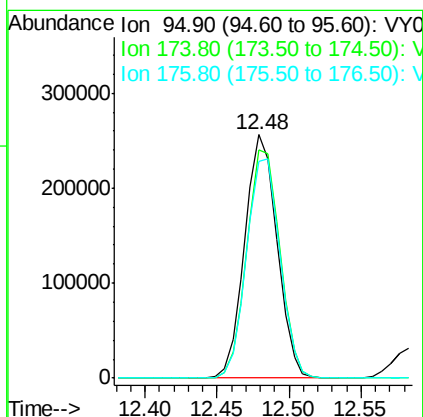
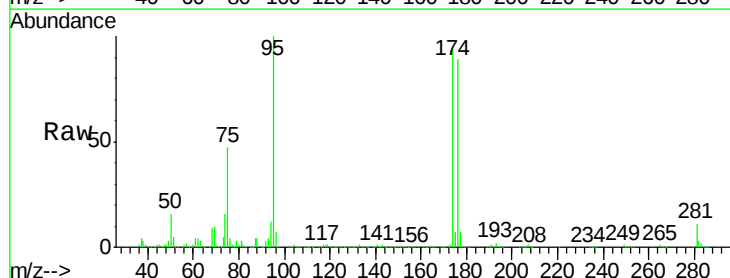
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

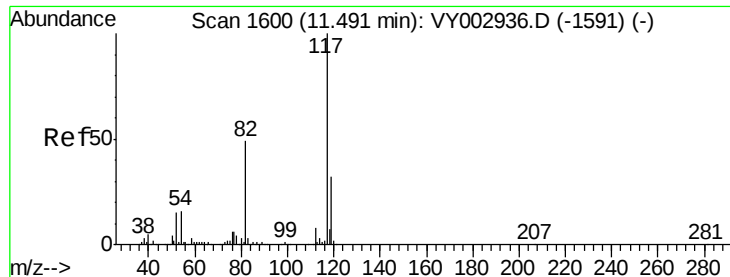
Tgt Ion: 107 Resp: 276841
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 96.250 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 95 Resp: 397280
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 191.2
 176 93.2 0.0 186.0

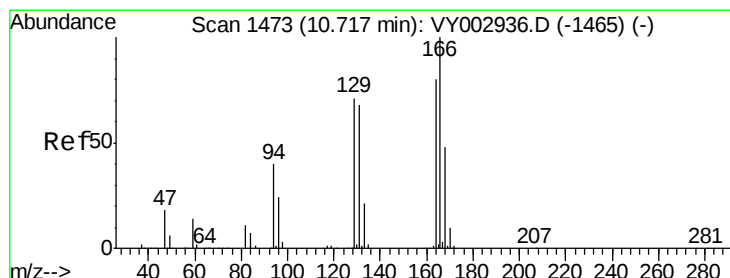
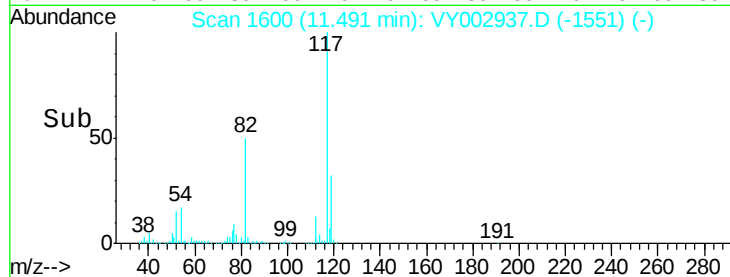
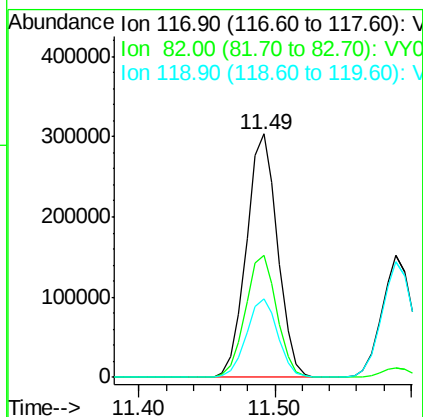
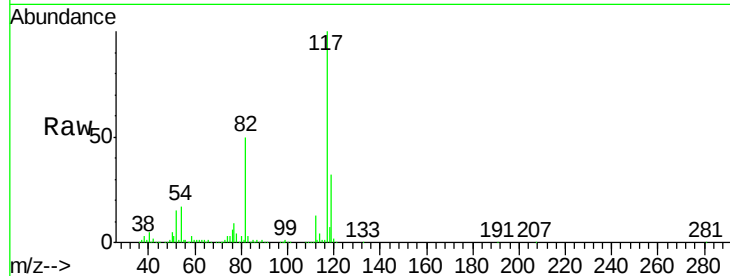




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

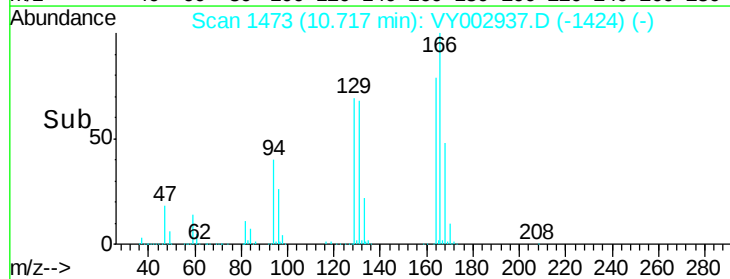
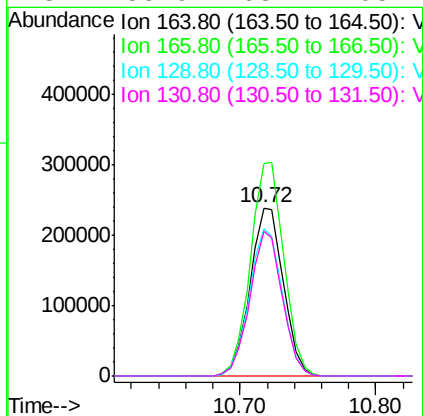
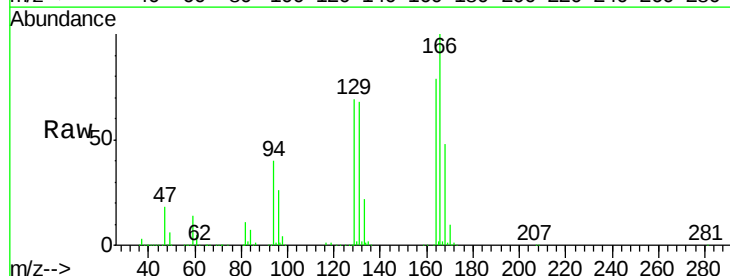
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

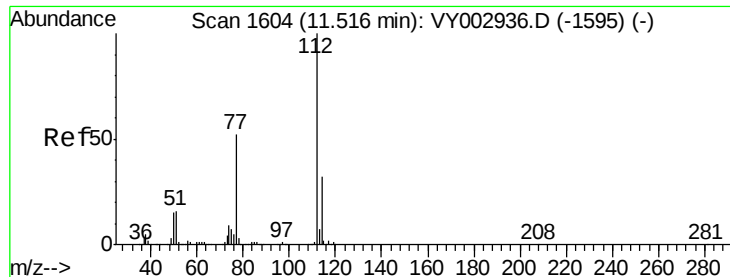
Tgt Ion:117 Resp: 486706
Ion Ratio Lower Upper
117 100
82 50.0 39.4 59.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 99.469 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion:164 Resp: 409879
Ion Ratio Lower Upper
164 100
166 126.4 100.5 150.7
129 87.4 71.1 106.7
131 85.9 68.7 103.1

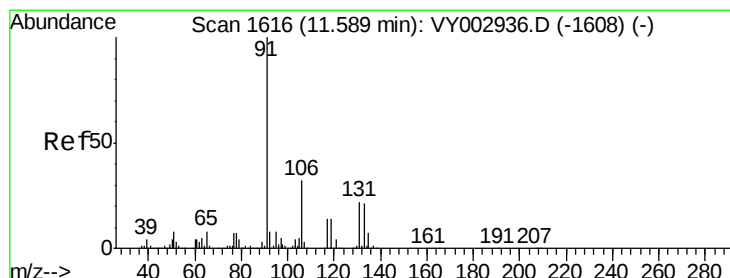
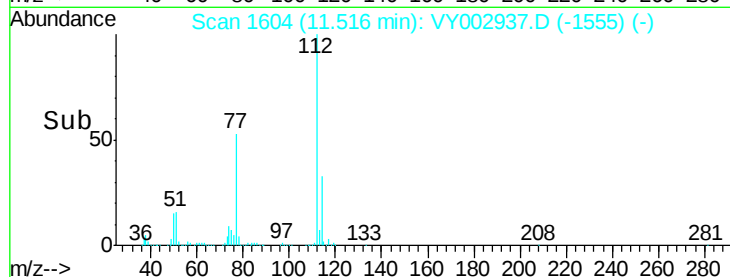
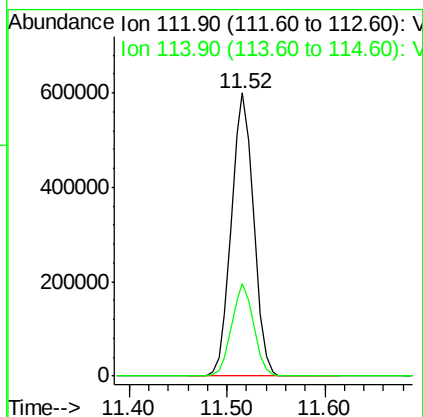
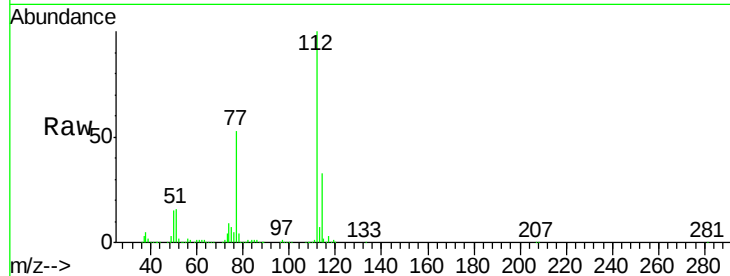




#65
Chlorobenzene
Concen: 102.356 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

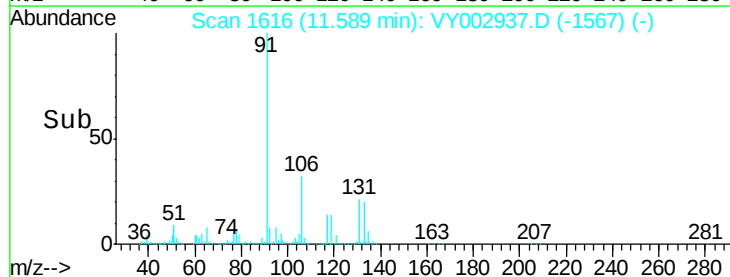
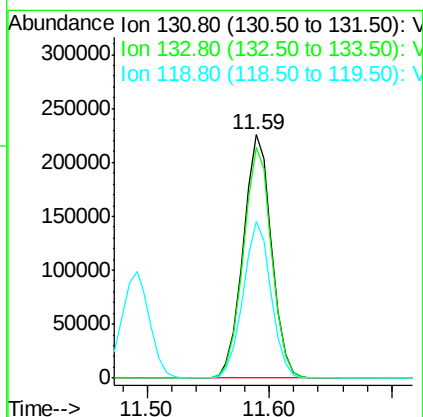
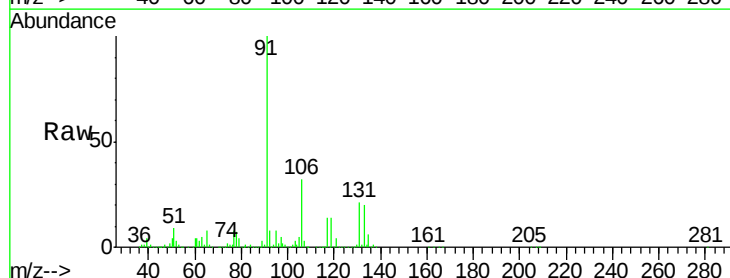
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

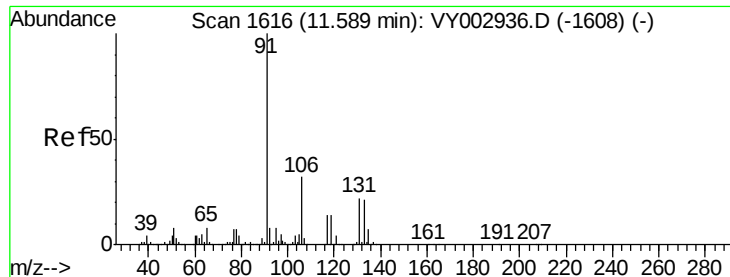
Tgt Ion:112 Resp: 946151
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 103.912 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion:131 Resp: 361515
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 63.3 31.5 94.5

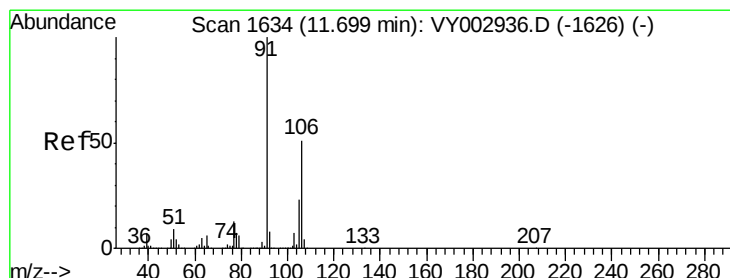
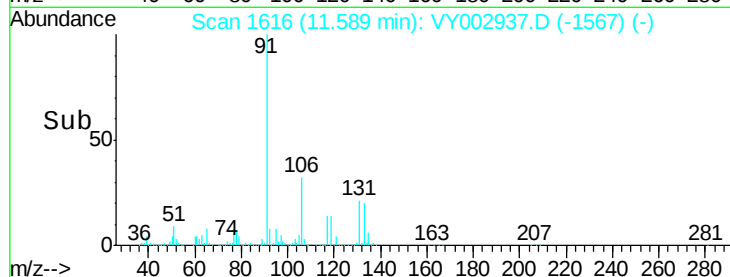
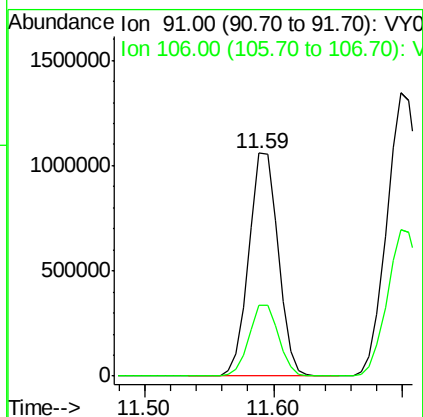
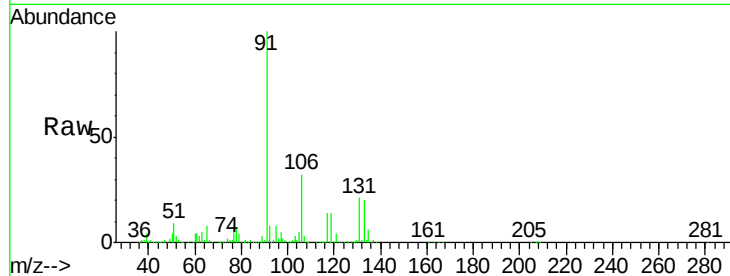




#67
Ethyl Benzene
Concen: 104.604 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

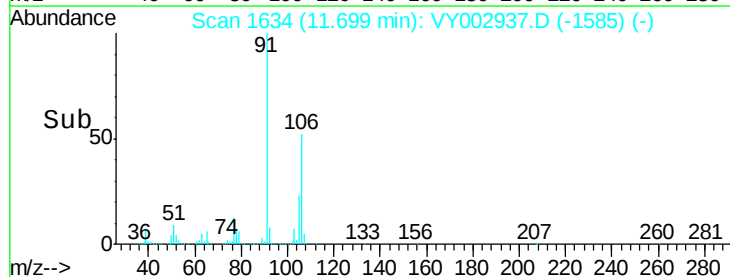
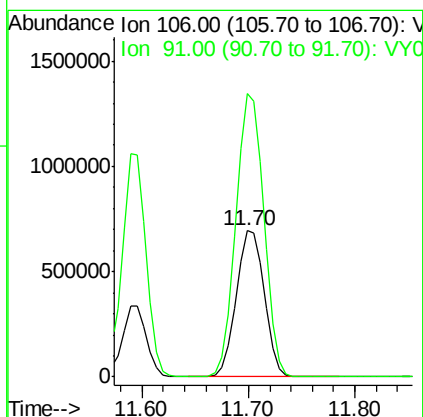
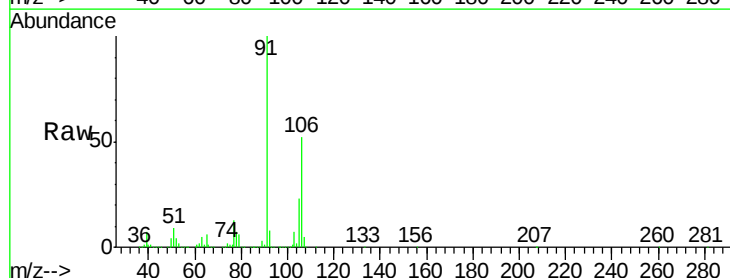
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

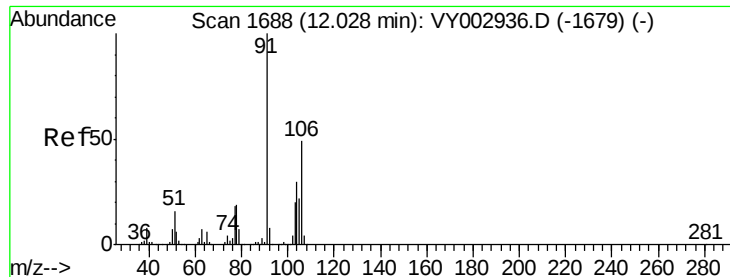
Tgt Ion: 91 Resp: 1659512
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 208.697 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 106 Resp: 1286343
Ion Ratio Lower Upper
106 100
91 193.1 155.9 233.9

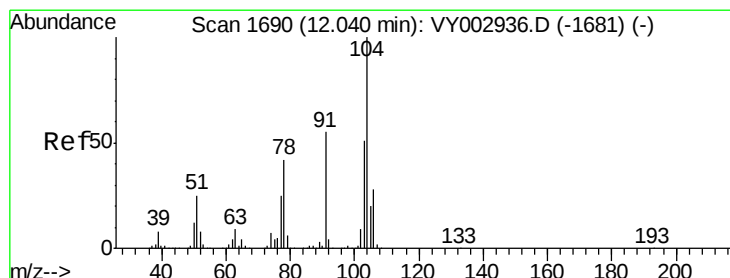
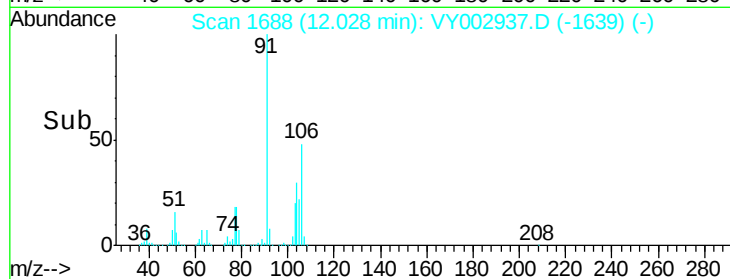
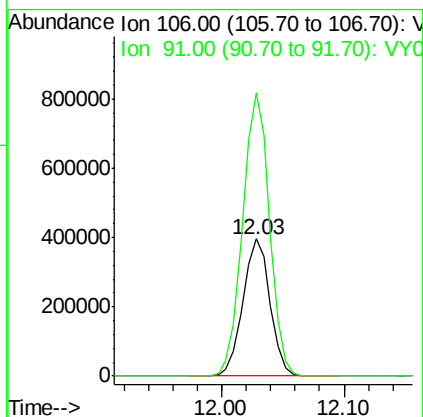
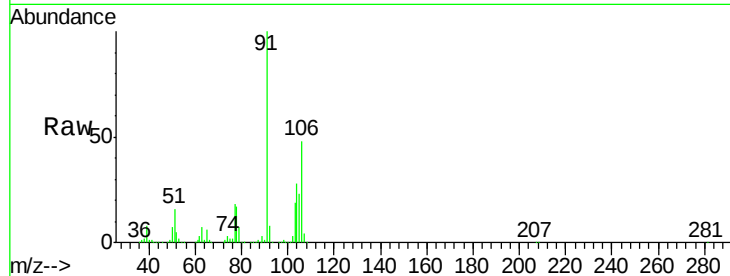




#69
o-Xylene
Concen: 104.103 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

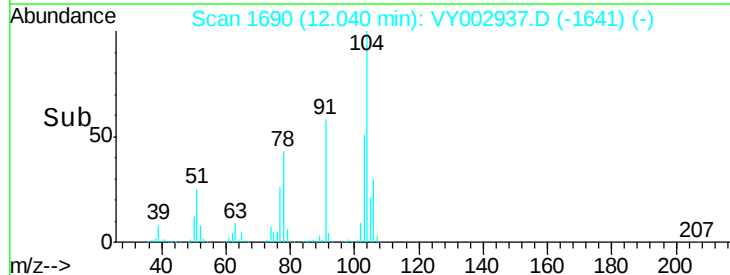
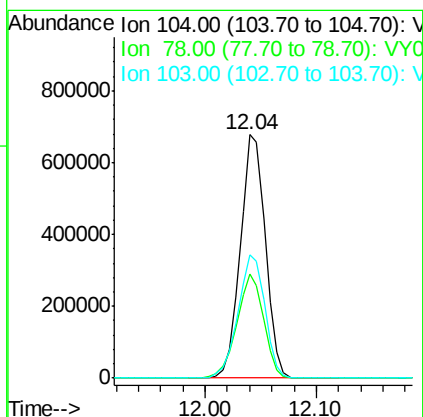
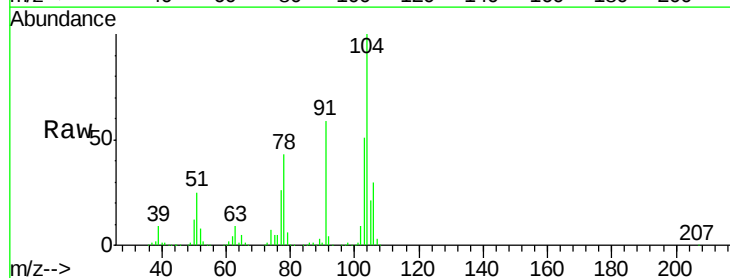
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

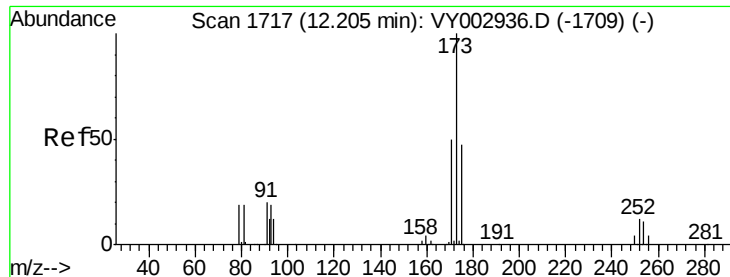
Tgt Ion:106 Resp: 604911
Ion Ratio Lower Upper
106 100
91 205.2 102.1 306.1



#70
Styrene
Concen: 105.301 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion:104 Resp: 1053667
Ion Ratio Lower Upper
104 100
78 45.6 36.9 55.3
103 54.4 43.7 65.5





#71

Bromoform

Concen: 104.614 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

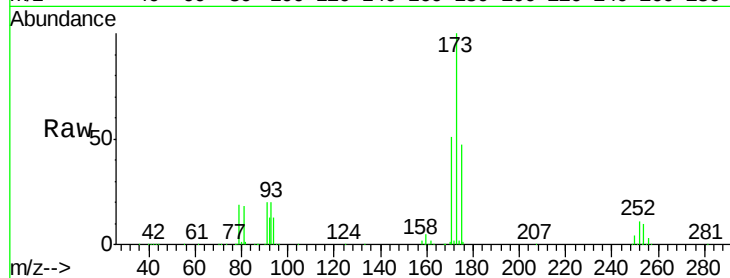
Tgt Ion:173 Resp: 242492

Ion Ratio Lower Upper

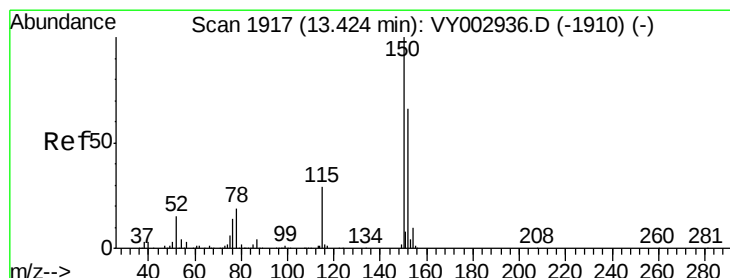
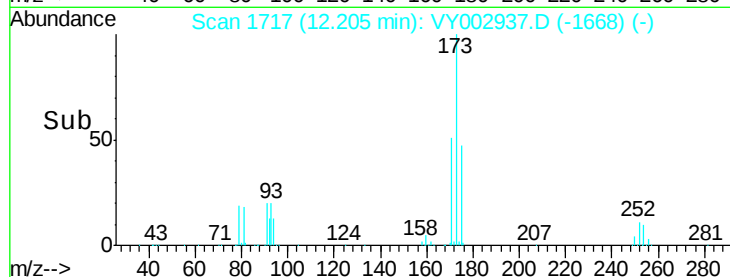
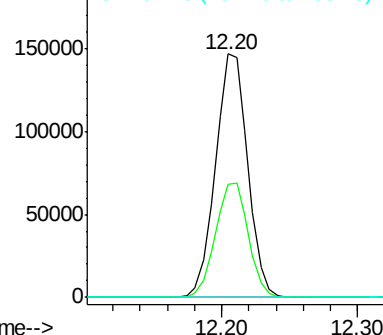
173 100

175 47.9 23.9 71.8

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: VY002937.D

Acq: 19 Jun 2020 14:24

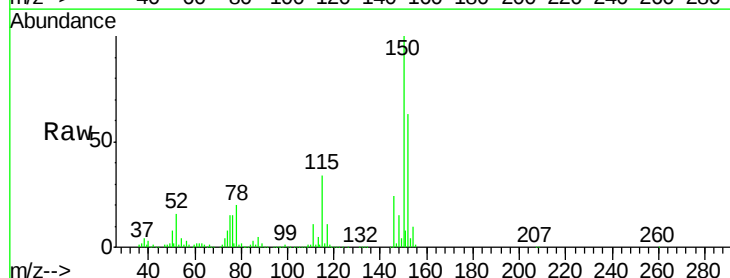
Tgt Ion:152 Resp: 252777

Ion Ratio Lower Upper

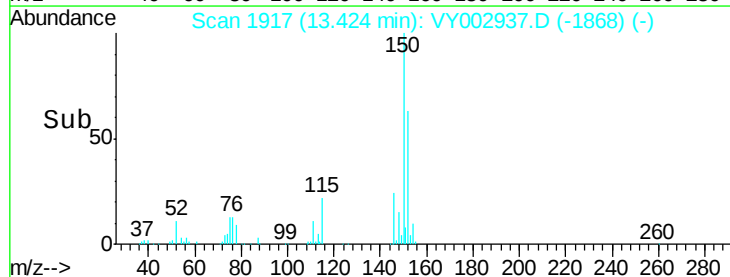
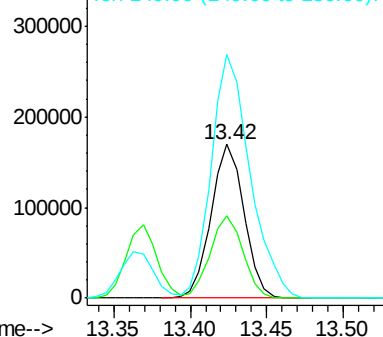
152 100

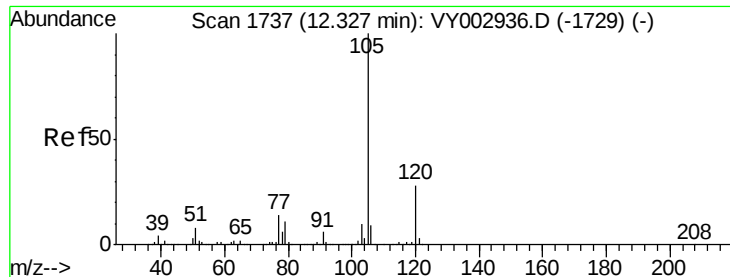
115 53.7 26.9 80.6

150 187.4 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.111 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

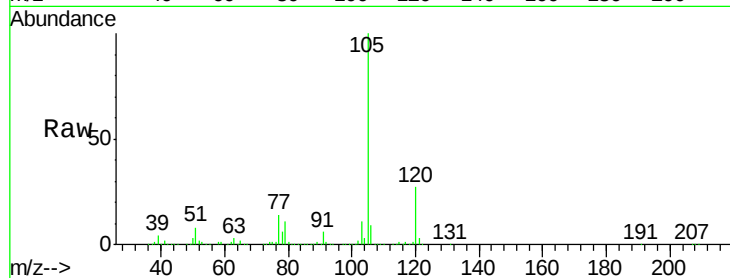
VSTDIC100

Tgt Ion:105 Resp: 1621892

Ion Ratio Lower Upper

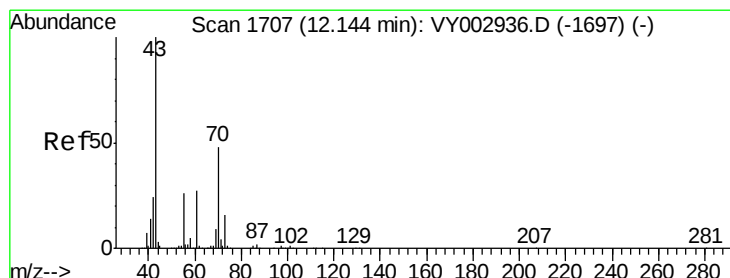
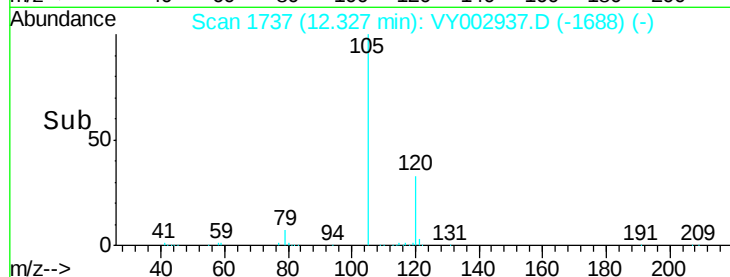
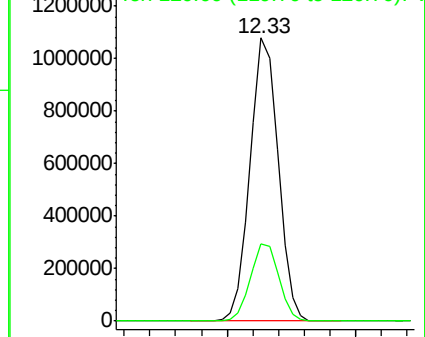
105 100

120 27.8 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.543 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Tgt Ion: 43 Resp: 421967

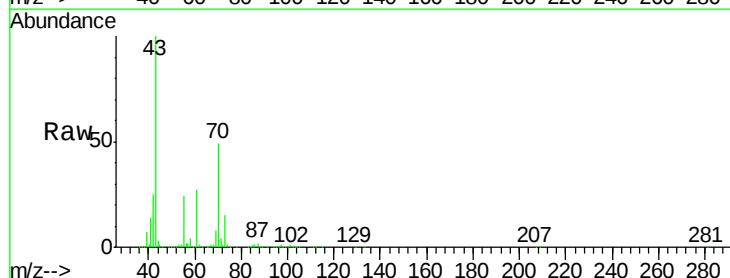
Ion Ratio Lower Upper

43 100

70 47.7 38.0 57.0

55 24.1 20.3 30.5

61 26.9 21.4 32.2

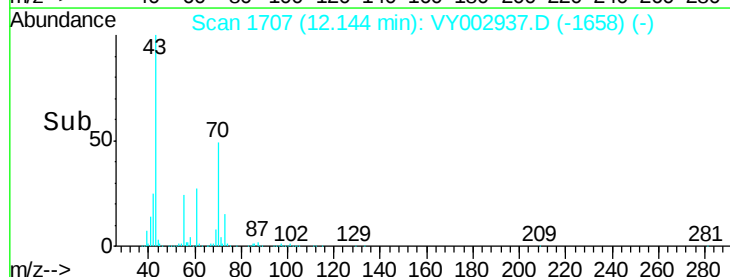
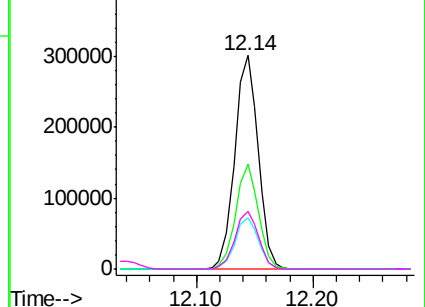


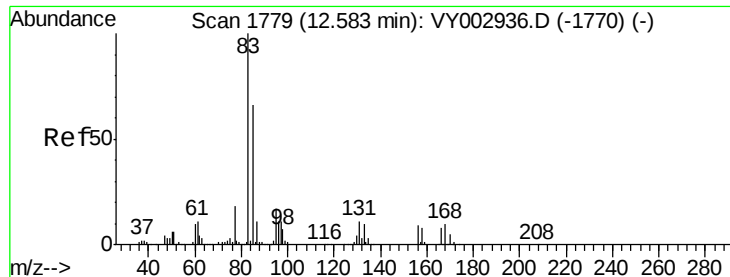
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 103.412 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

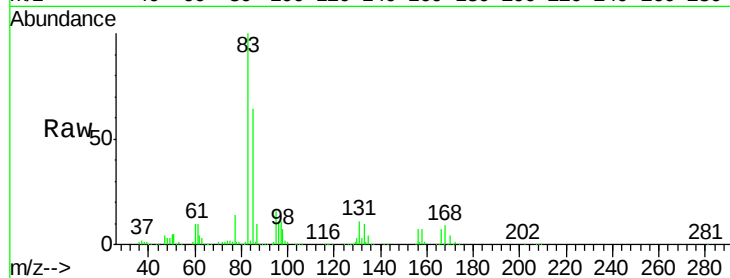
Tgt Ion: 83 Resp: 295888

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

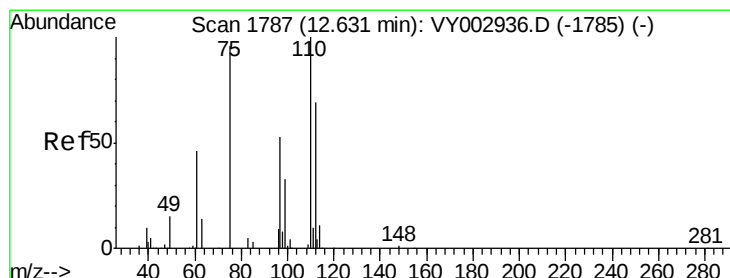
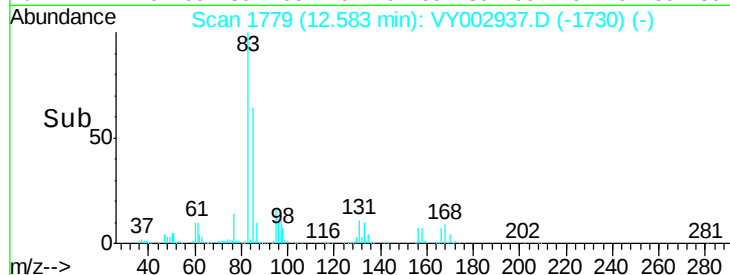
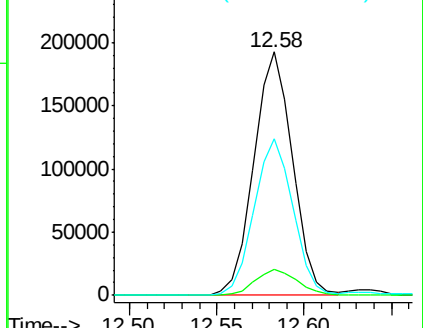
85 64.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VY002937.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002937.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002937.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 118.544 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002937.D

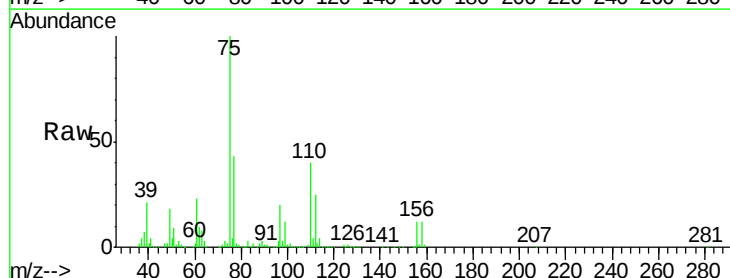
Acq: 19 Jun 2020 14:24

Tgt Ion: 75 Resp: 424997

Ion Ratio Lower Upper

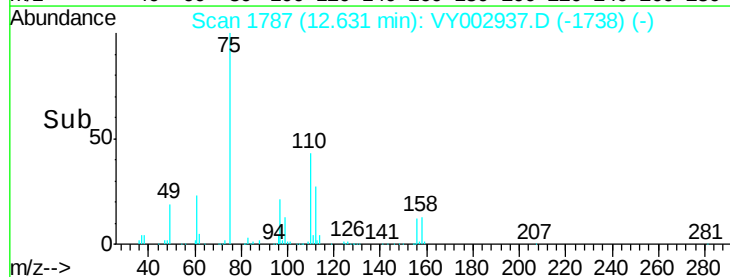
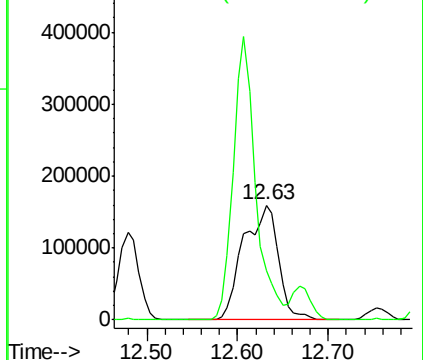
75 100

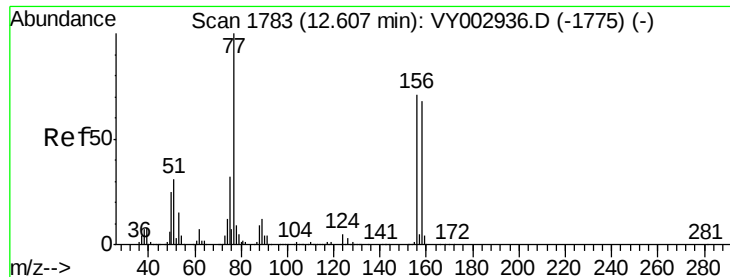
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002937.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002937.D (-1738) (-)





#77

Bromobenzene

Concen: 103.288 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

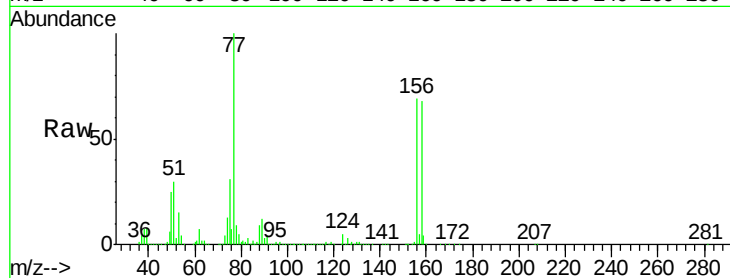
Tgt Ion:156 Resp: 418760

Ion Ratio Lower Upper

156 100

77 161.0 80.5 241.5

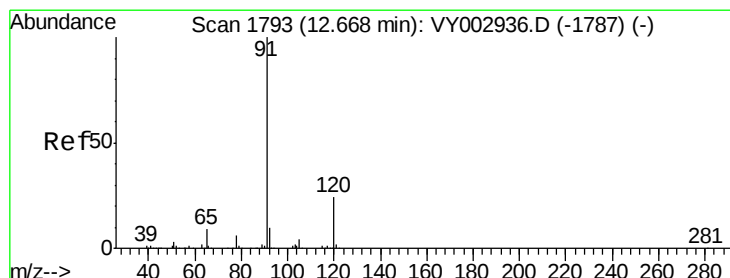
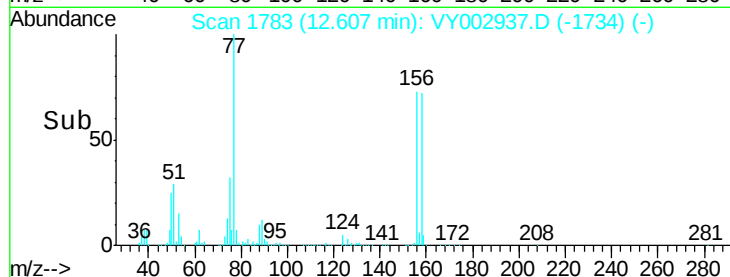
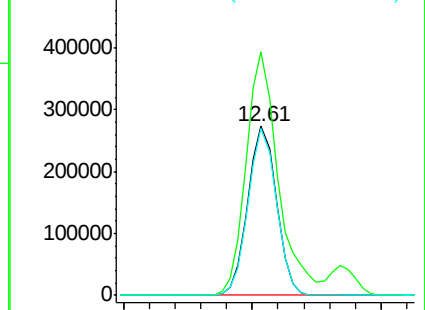
158 97.2 48.2 144.6



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: 104.563 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002937.D

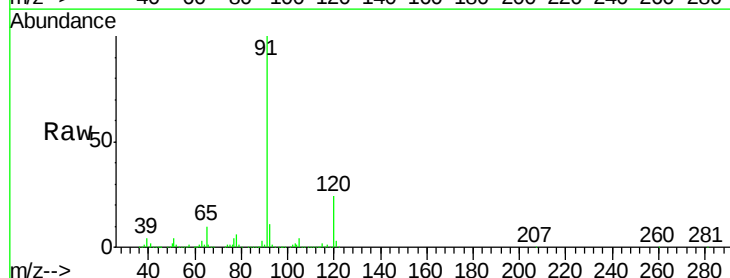
Acq: 19 Jun 2020 14:24

Tgt Ion: 91 Resp: 1877154

Ion Ratio Lower Upper

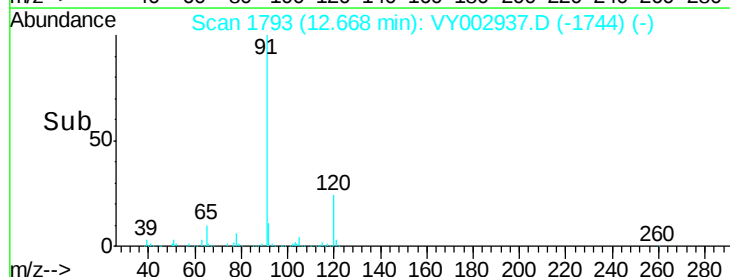
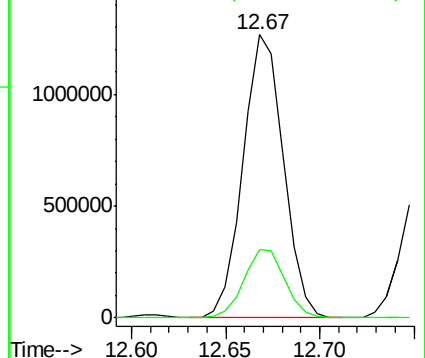
91 100

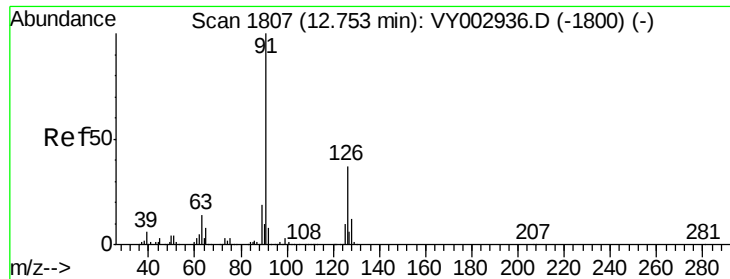
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

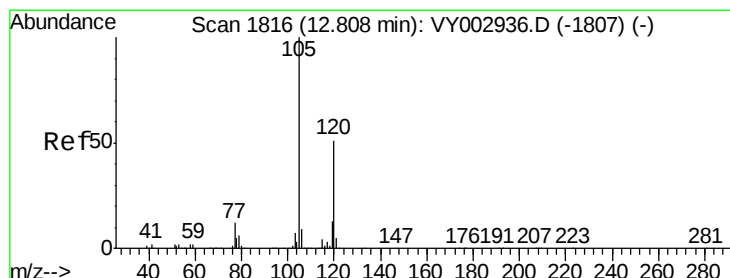
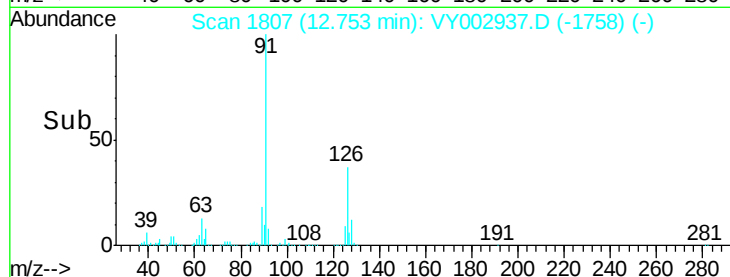
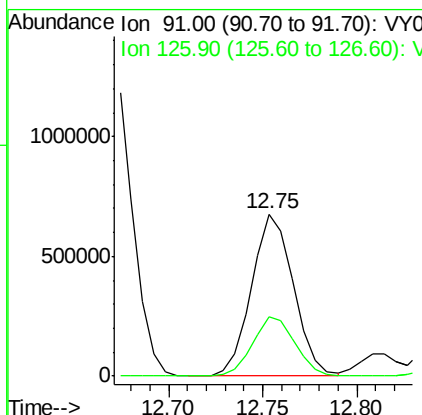
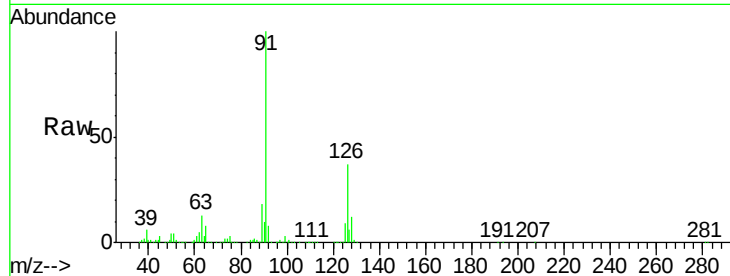




#79
 2-Chlorotoluene
 Concen: 103.726 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

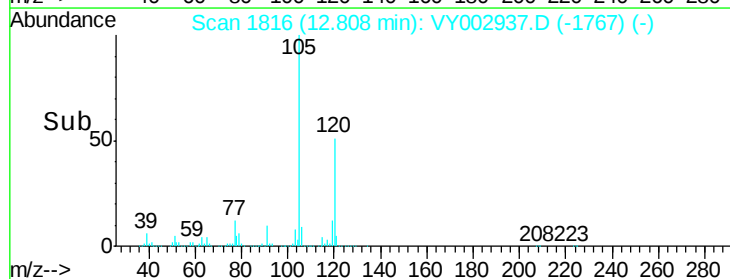
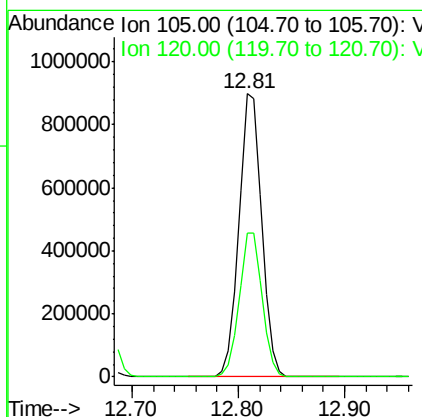
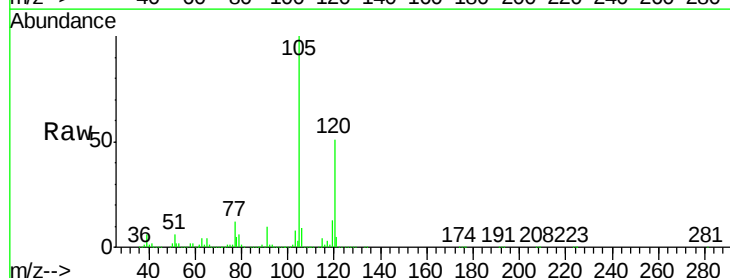
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

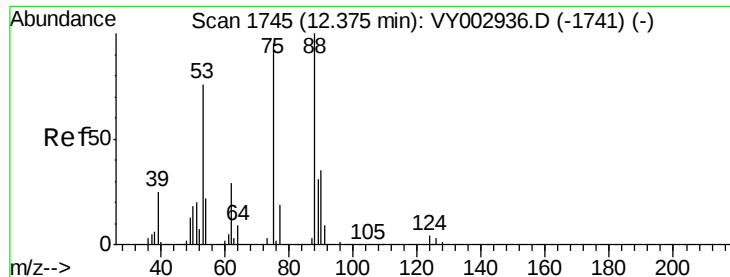
Tgt Ion: 91 Resp: 1043541
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 105.020 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 105 Resp: 1351092
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 108.721 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

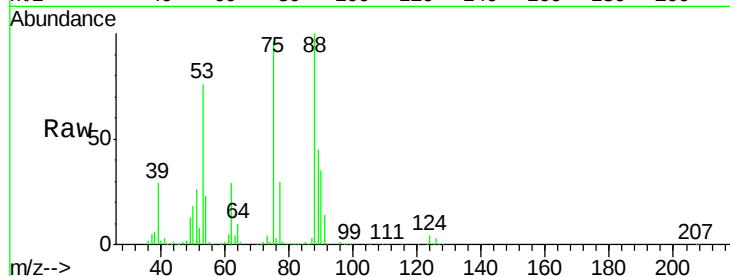
Tgt Ion: 75 Resp: 122930

Ion Ratio Lower Upper

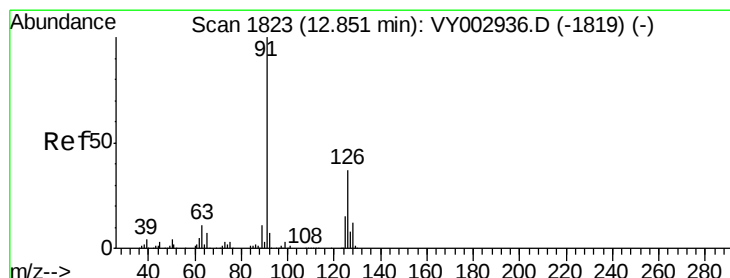
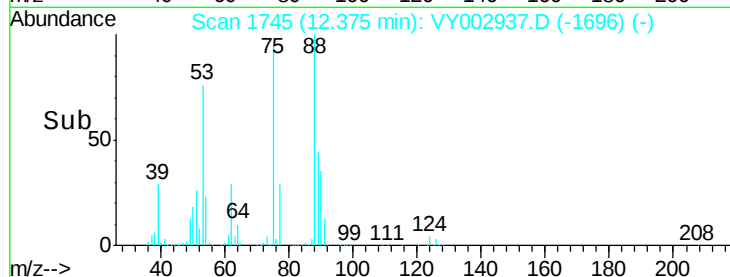
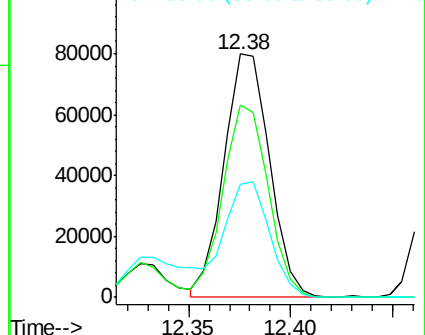
75 100

53 78.7 65.1 97.7

89 47.0 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 102.993 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002937.D

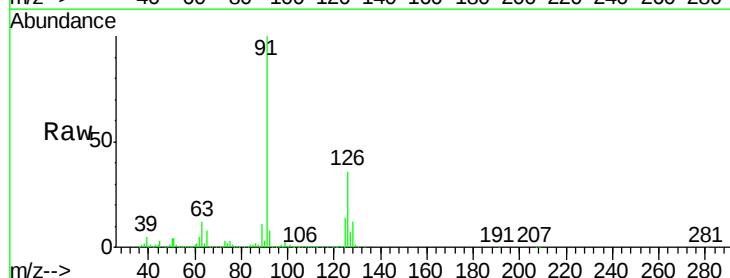
Acq: 19 Jun 2020 14:24

Tgt Ion: 91 Resp: 1093158

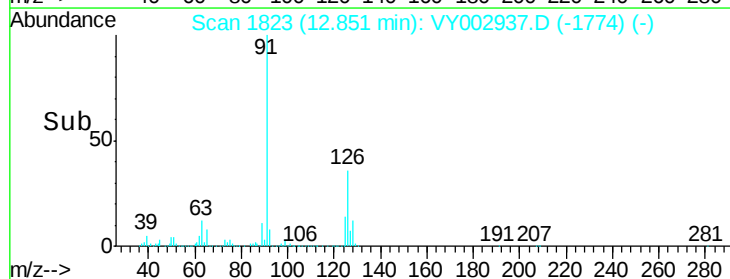
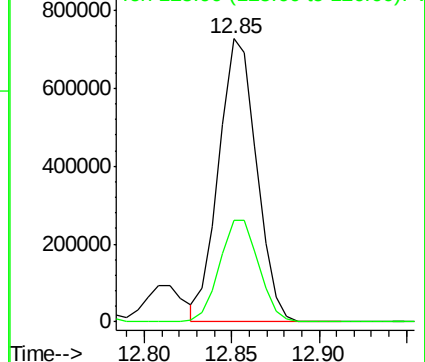
Ion Ratio Lower Upper

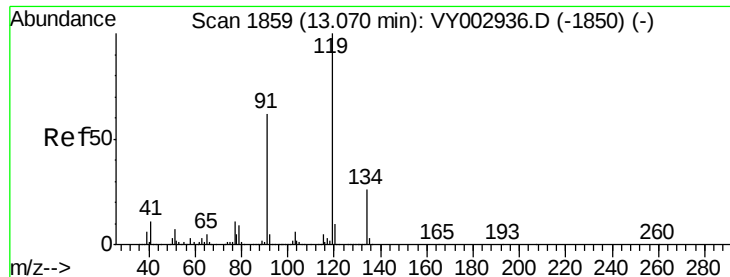
91 100

126 37.1 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

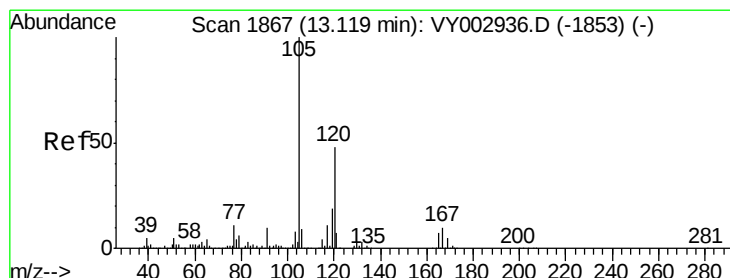
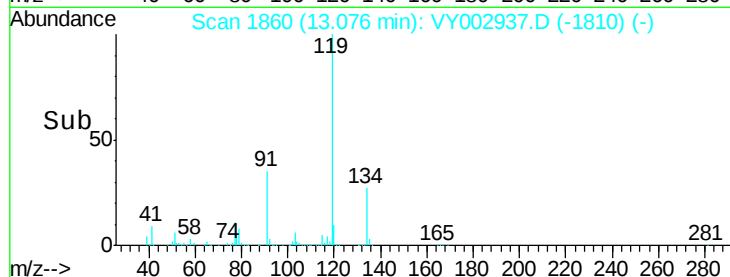
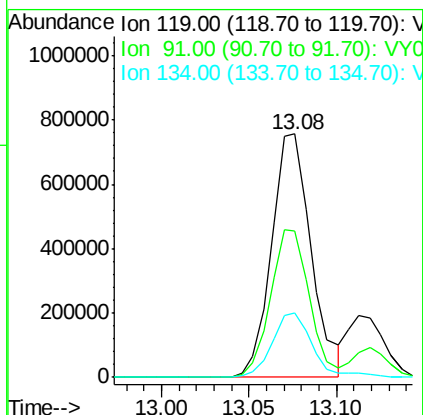
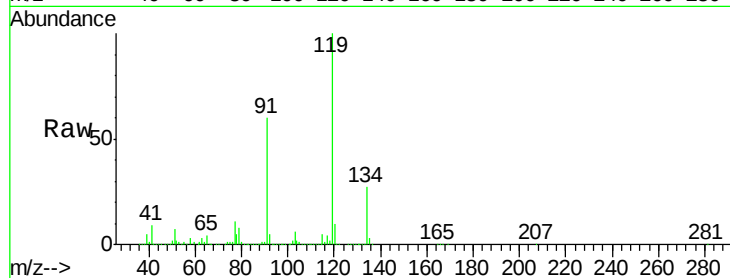




#83
 tert-Butylbenzene
 Concen: 103.756 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

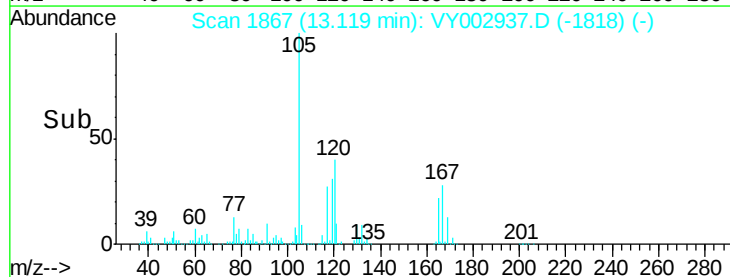
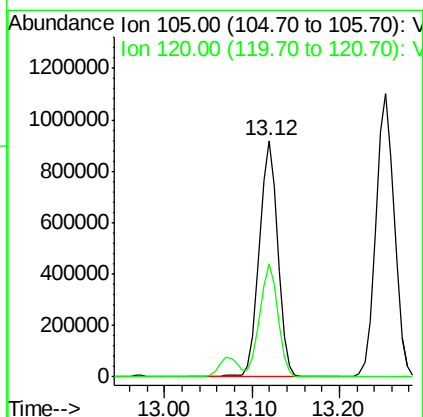
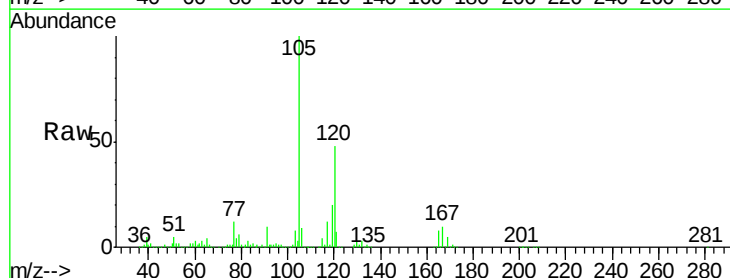
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

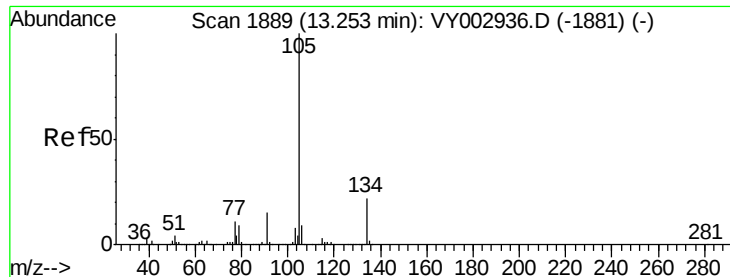
Tgt Ion:119 Resp: 1202257
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.9 89.7
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 103.755 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion:105 Resp: 1348837
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.5





#85

sec-Butylbenzene

Concen: 101.584 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

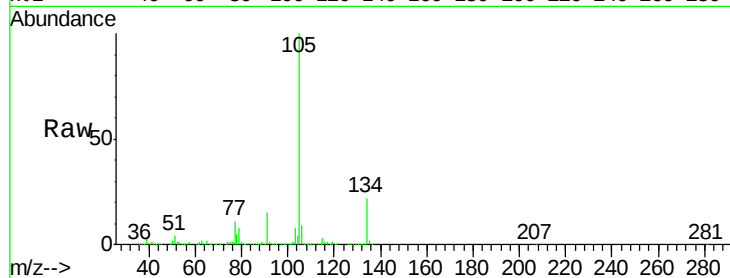
VSTDIC100

Tgt Ion:105 Resp: 1609518

Ion Ratio Lower Upper

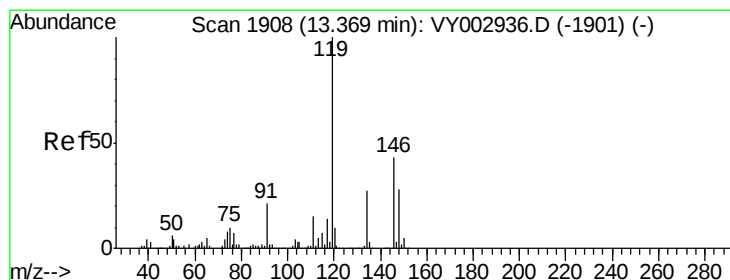
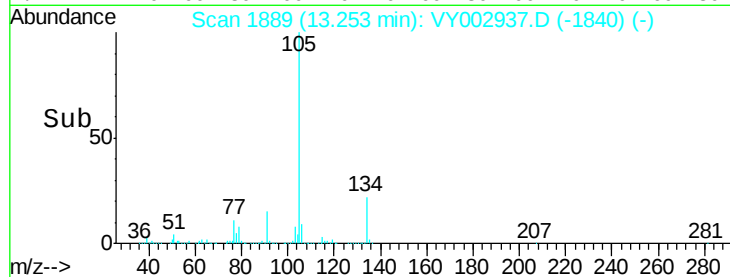
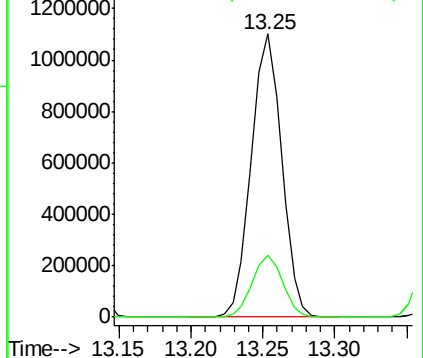
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 103.225 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002937.D

Acq: 19 Jun 2020 14:24

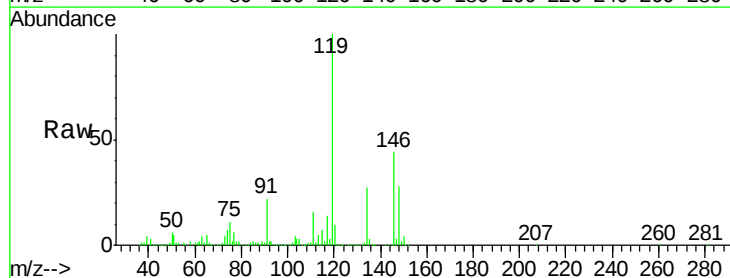
Tgt Ion:119 Resp: 1528173

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

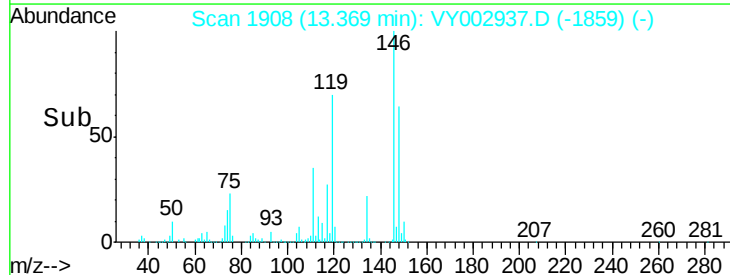
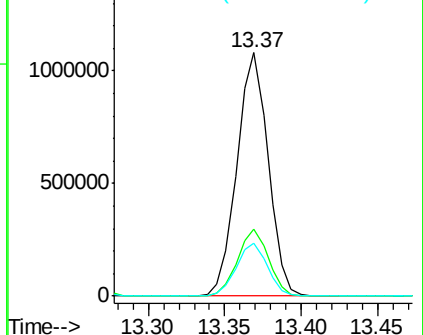
91 21.8 10.8 32.4

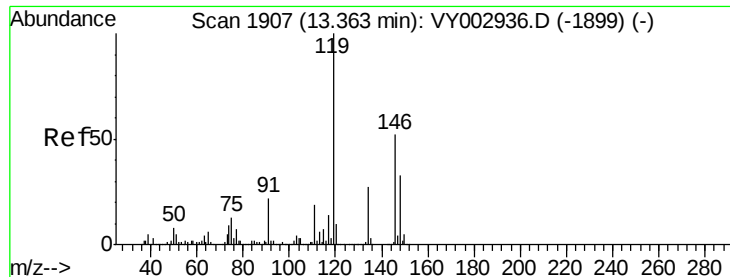


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

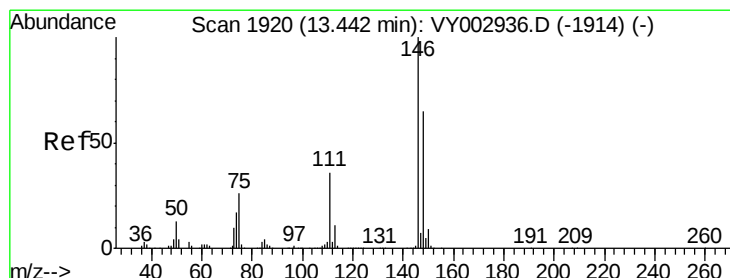
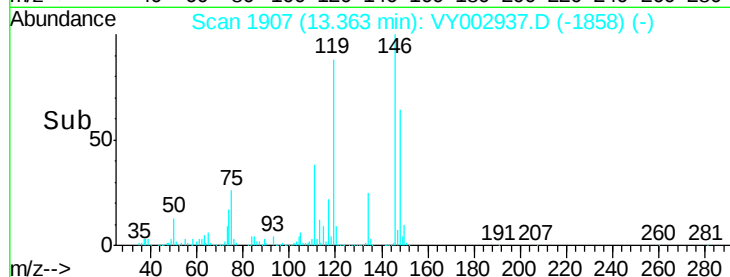
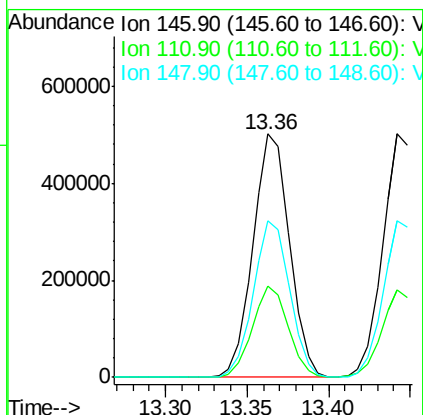
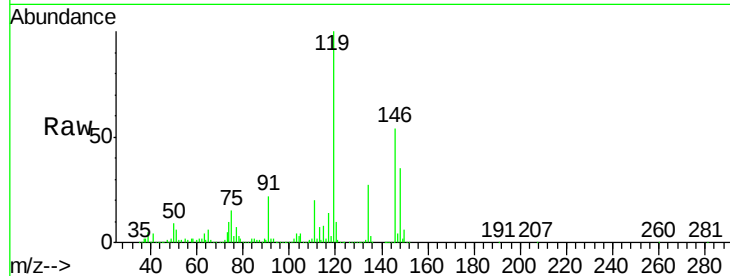




#87
 1,3-Dichlorobenzene
 Concen: 101.306 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

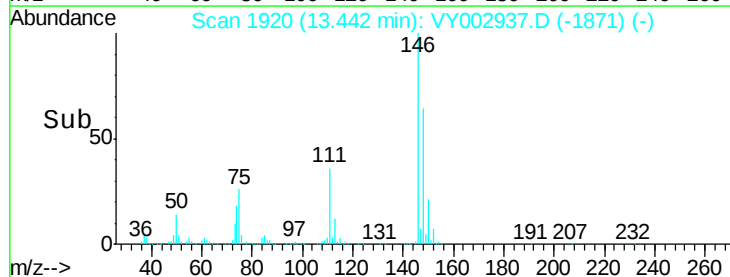
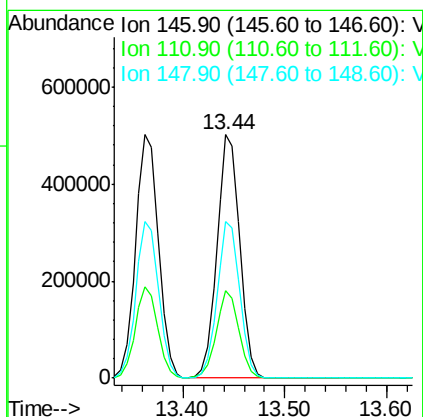
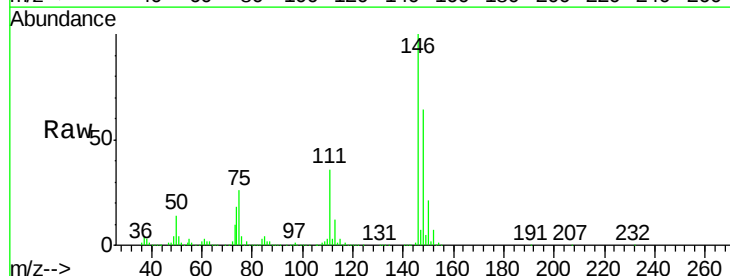
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

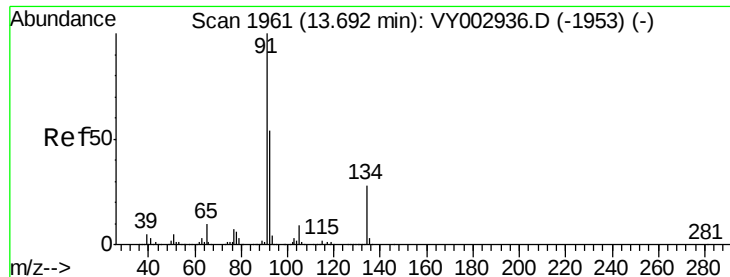
Tgt Ion:146 Resp: 780004
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.2 54.6
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 101.225 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion:146 Resp: 781575
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.9 53.8
 148 63.9 32.1 96.5

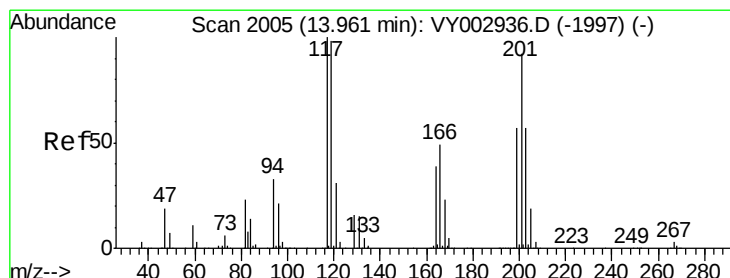
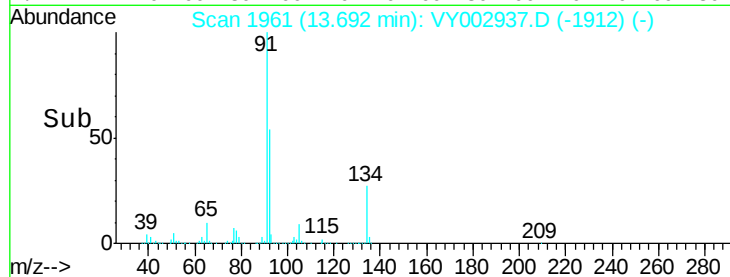
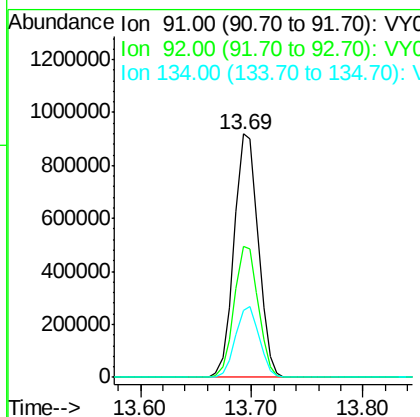
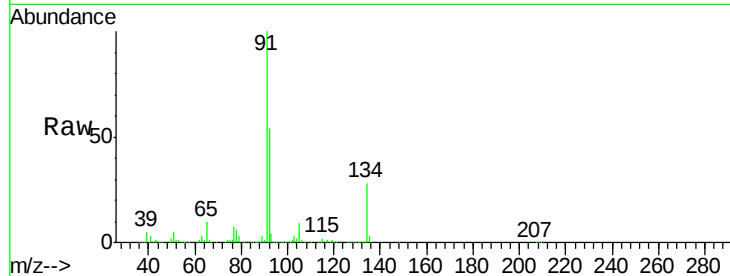




#89
n-Butylbenzene
Concen: 102.344 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

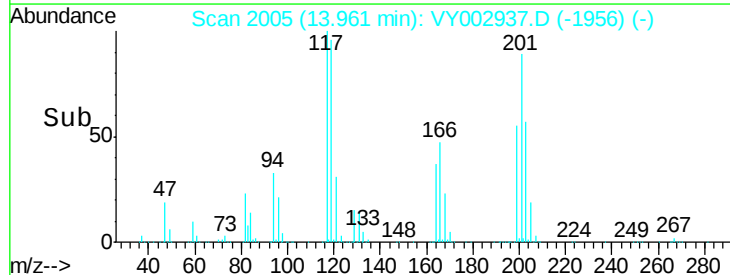
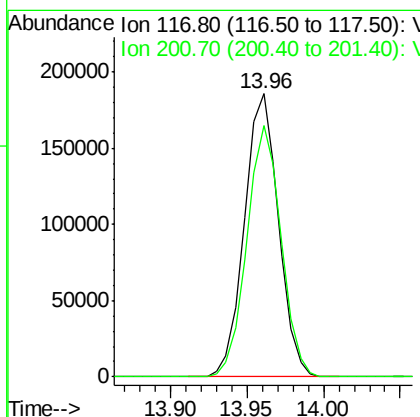
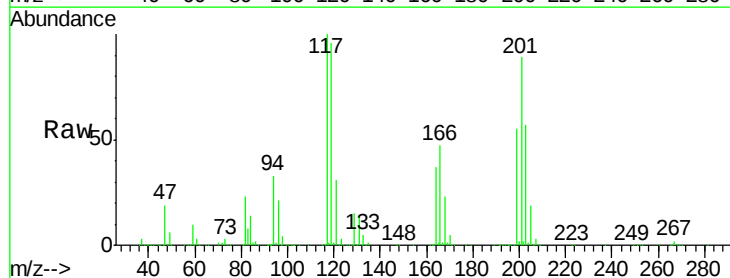
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

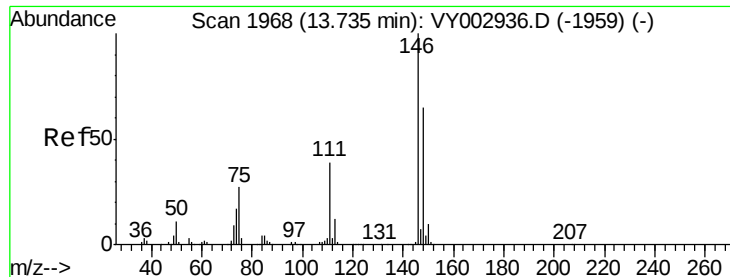
Tgt Ion: 91 Resp: 1375299
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 28.8 14.5 43.5



#90
Hexachloroethane
Concen: 105.027 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion: 117 Resp: 287522
Ion Ratio Lower Upper
117 100
201 88.8 45.1 135.5

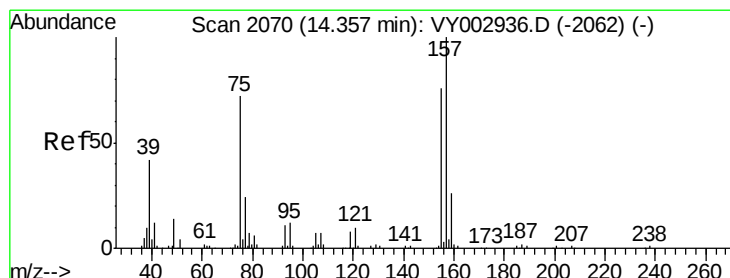
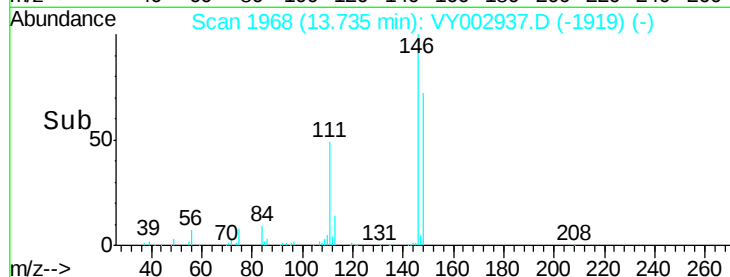
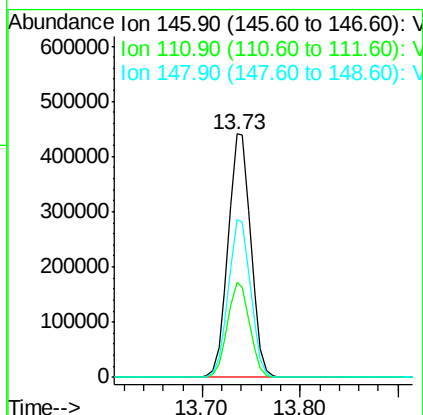
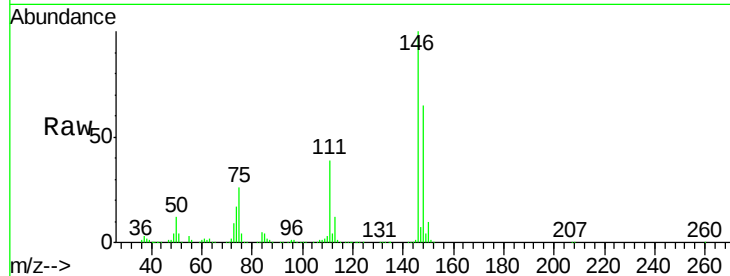




#91
 1,2-Dichlorobenzene
 Concen: 100.699 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

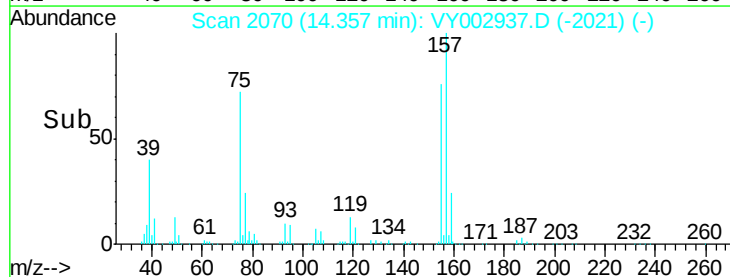
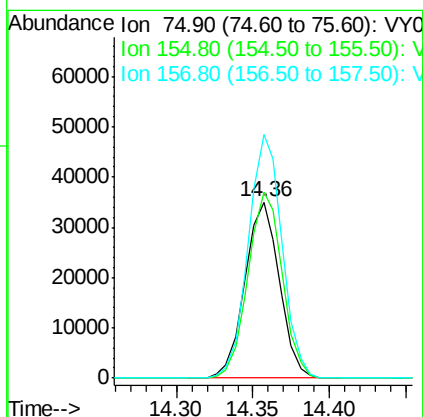
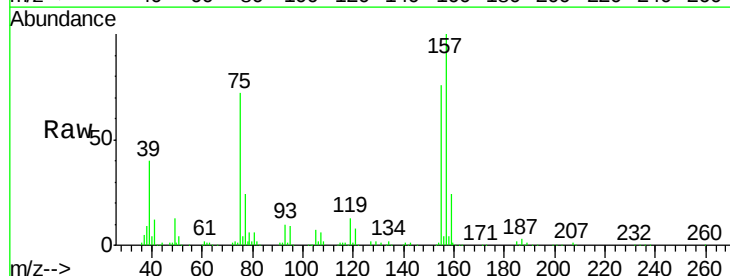
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

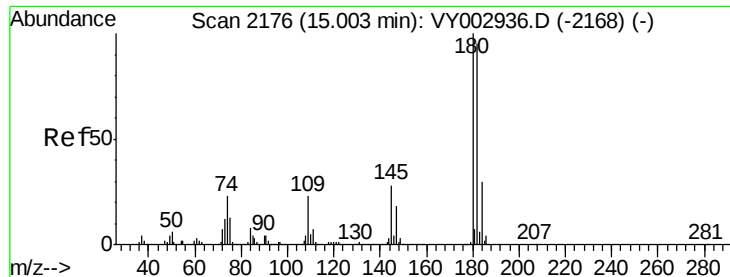
Tgt Ion: 146 Resp: 707101
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.901 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion: 75 Resp: 54680
 Ion Ratio Lower Upper
 75 100
 155 105.3 53.1 159.4
 157 135.9 69.0 206.9

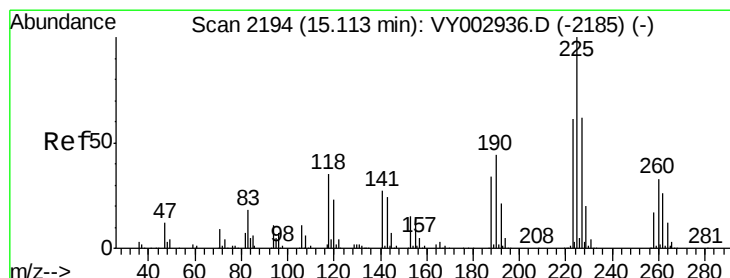
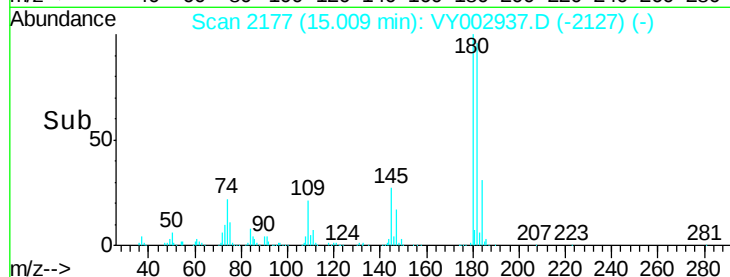
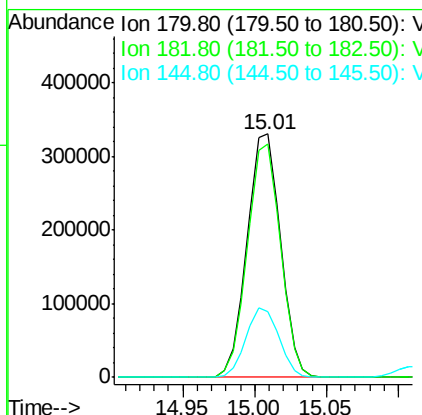
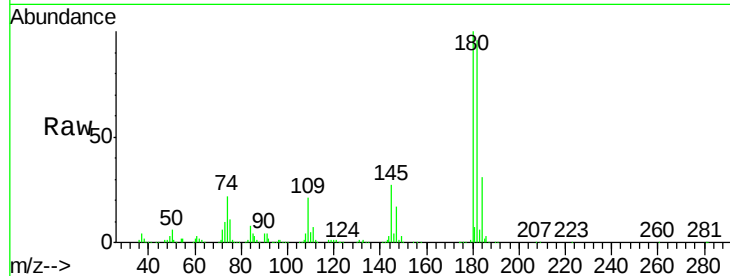




#93
 1,2,4-Trichlorobenzene
 Concen: 100.532 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

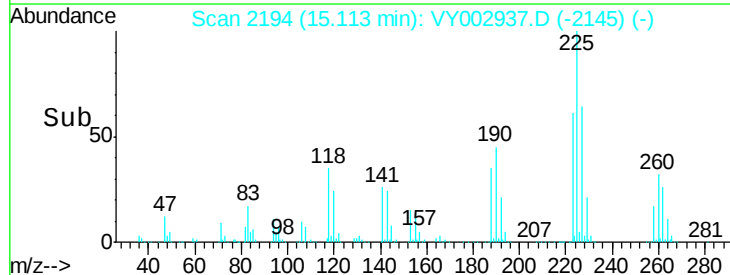
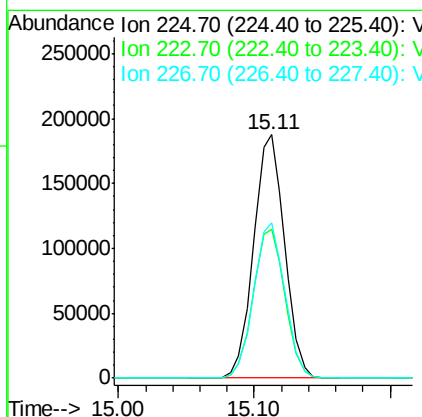
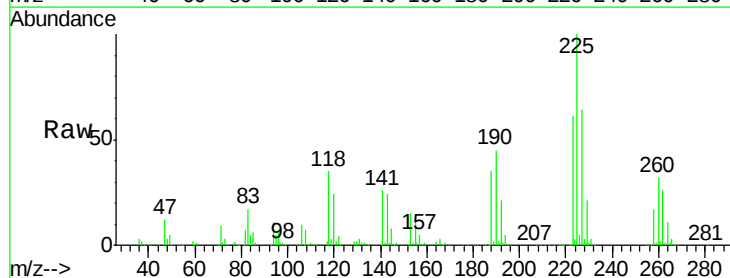
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

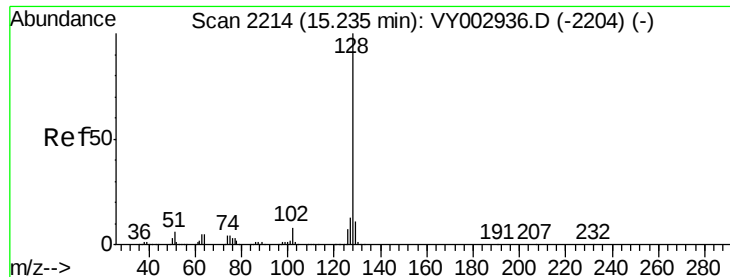
Tgt Ion:180 Resp: 528948
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.6
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 97.280 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002937.D
 Acq: 19 Jun 2020 14:24

Tgt Ion:225 Resp: 299178
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 64.1 31.9 95.7

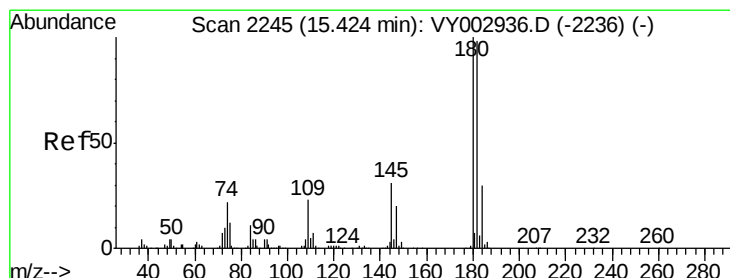
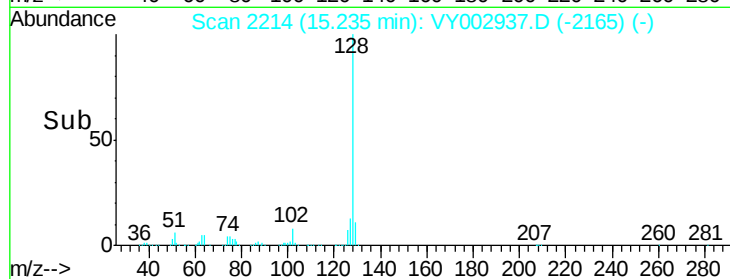
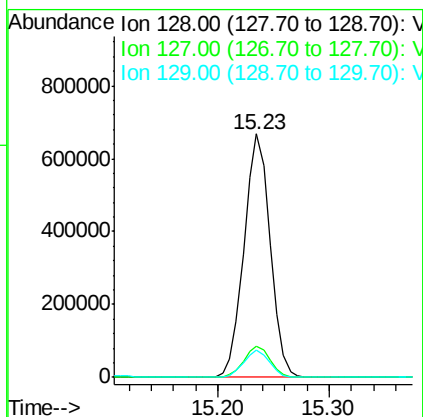
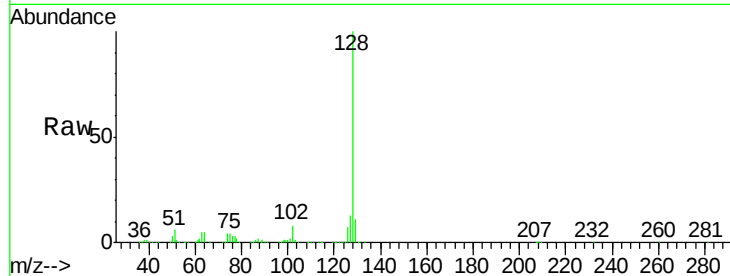




#95
Naphthalene
Concen: 105.813 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1088465
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 100.947 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002937.D
Acq: 19 Jun 2020 14:24

Tgt Ion:180 Resp: 473220
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 30.0 15.0 45.0

