

Data File : VY001936.D
Acq On : 11 Mar 2020 12:36
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Quant Time: Mar 12 01:53:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	165290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124111	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87165	49.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.74	113	80849	49.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.19	98	338356	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.49	95	116377	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	29698	19.465	ug/l	98
3) Chloromethane	2.12	50	41046	19.954	ug/l	100
4) Vinyl Chloride	2.26	62	42163	20.151	ug/l	97
5) Bromomethane	2.65	94	28482	19.767	ug/l	93
6) Chloroethane	2.80	64	26933	20.491	ug/l	99
7) Trichlorofluoromethane	3.13	101	56865	20.039	ug/l	94
8) Diethyl Ether	3.54	74	23620	21.119	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37337	20.457	ug/l	99
10) Methyl Iodide	4.10	142	38470	18.226	ug/l	98
11) Tert butyl alcohol	4.97	59	27827	141.762	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	36922	20.091	ug/l	93
13) Acrolein	3.75	56	22734	91.682	ug/l	95
14) Allyl chloride	4.50	41	66175	20.312	ug/l	99
15) Acrylonitrile	5.18	53	61986	103.718	ug/l	99
16) Acetone	3.97	43	51504	100.212	ug/l	98
17) Carbon Disulfide	4.21	76	117942	19.091	ug/l	96
18) Methyl Acetate	4.49	43	27541	20.856	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	104314	20.946	ug/l	96
20) Methylene Chloride	4.74	84	48203	21.884	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	43371	20.793	ug/l	98
22) Diisopropyl ether	6.14	45	138772	20.780	ug/l	97
23) Vinyl Acetate	6.08	43	452781	103.422	ug/l	99
24) 1,1-Dichloroethane	6.04	63	72804	20.131	ug/l	98
25) 2-Butanone	7.01	43	80856	103.452	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61829	20.830	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	46319	20.414	ug/l	97
28) Bromochloromethane	7.35	49	34449	21.133	ug/l	98
29) Tetrahydrofuran	7.36	42	53104	102.316	ug/l	99
30) Chloroform	7.52	83	68365	20.121	ug/l	98
31) Cyclohexane	7.80	56	76883	19.827	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	57585	20.108	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57478	20.010	ug/l	98
37) Ethyl Acetate	7.09	43	37563	22.500	ug/l	99
38) Carbon Tetrachloride	7.91	117	49379	20.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76264	20.018	ug/l	95
40) Benzene	8.17	78	175579	20.622	ug/l	99
41) Methacrylonitrile	7.36	41	47210	62.835	ug/l #	23
42) 1,2-Dichloroethane	8.25	62	45869	20.907	ug/l	99
43) Isopropyl Acetate	8.28	43	66370	20.998	ug/l	98
44) Trichloroethene	8.95	130	42096	20.302	ug/l	96
45) 1,2-Dichloropropane	9.23	63	44669	20.871	ug/l	96
46) Dibromomethane	9.31	93	23388	21.205	ug/l	96
47) Bromodichloromethane	9.51	83	52147	20.325	ug/l	91
48) Methyl methacrylate	9.30	41	30085	21.450	ug/l	99
49) 1,4-Dioxane	9.31	88	5809	384.374	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	174784	107.359	ug/l	99
52) Toluene	10.25	92	106798	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	58228	20.831	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	67819	20.381	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33342	20.656	ug/l	99
56) Ethyl methacrylate	10.52	69	48417	20.464	ug/l	96
57) 1,3-Dichloropropane	10.80	76	59561	20.701	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	128157	140.928	ug/l	100
59) 2-Hexanone	10.84	43	120487	103.688	ug/l	99
60) Dibromochloromethane	10.99	129	35118	20.647	ug/l	100
61) 1,2-Dibromoethane	11.10	107	31053	20.310	ug/l	100
64) Tetrachloroethene	10.73	164	34288	20.241	ug/l	97
65) Chlorobenzene	11.52	112	108587	20.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	35765	20.263	ug/l	98
67) Ethyl Benzene	11.60	91	202017	20.126	ug/l	99
68) m/p-Xylenes	11.71	106	151740	40.888	ug/l	98
69) o-Xylene	12.03	106	70220	20.076	ug/l	100
70) Styrene	12.05	104	122739	20.488	ug/l	99
71) Bromoform	12.21	173	19591	20.467	ug/l #	98
73) Isopropylbenzene	12.34	105	190774	20.136	ug/l	100
74) N-amyl acetate	12.15	43	59107	20.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	41052	20.093	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	53988	36.660	ug/l #	100
77) Bromobenzene	12.61	156	41716	20.782	ug/l	95
78) n-propylbenzene	12.68	91	236105	20.200	ug/l	100
79) 2-Chlorotoluene	12.77	91	129247	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	157335	20.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14440	19.806	ug/l	97
82) 4-Chlorotoluene	12.86	91	137143	20.397	ug/l	100
83) tert-Butylbenzene	13.08	119	131609	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	159281	20.578	ug/l	99
85) sec-Butylbenzene	13.26	105	194913	20.412	ug/l	100
86) p-Isopropyltoluene	13.38	119	169800	20.614	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81403	20.695	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	80835	20.257	ug/l	98
89) n-Butylbenzene	13.70	91	174043	20.366	ug/l	99
90) Hexachloroethane	13.97	117	30969	19.929	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	73916	20.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6153	19.300	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031120\
Quantitation Report (Not Reviewed)

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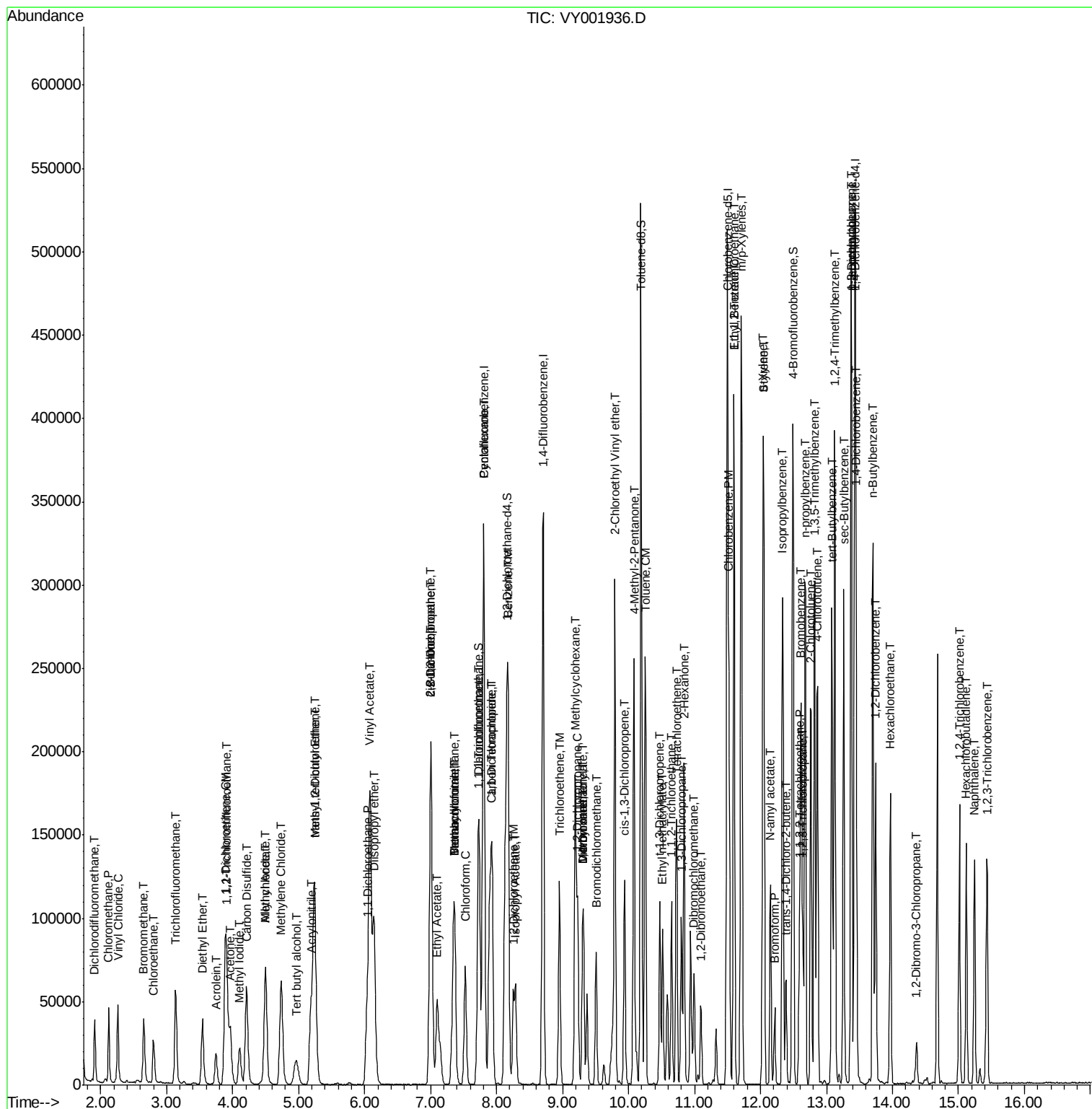
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47605	20.542	ug/l	98
94) Hexachlorobutadiene	15.12	225	23085	20.432	ug/l	98
95) Naphthalene	15.25	128	108728	19.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42554	20.844	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

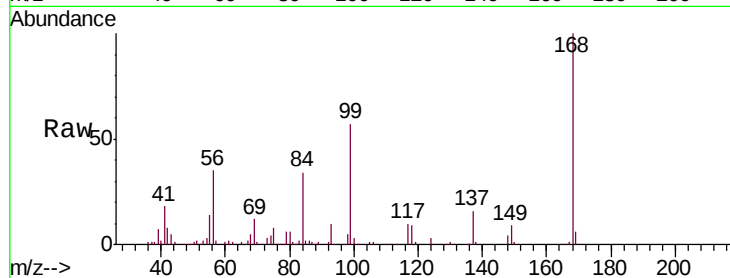
VY0311SBS01

Tgt Ion:168 Resp: 165290

Ion Ratio Lower Upper

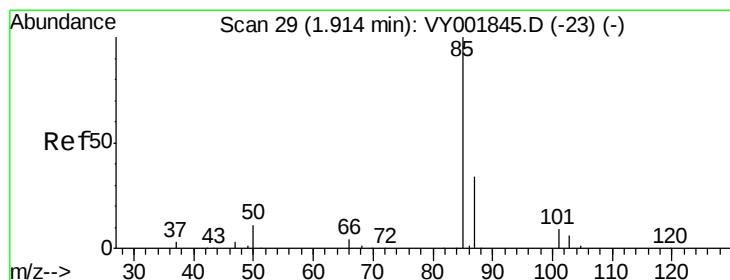
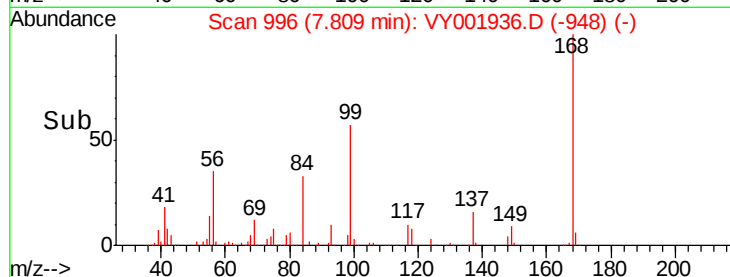
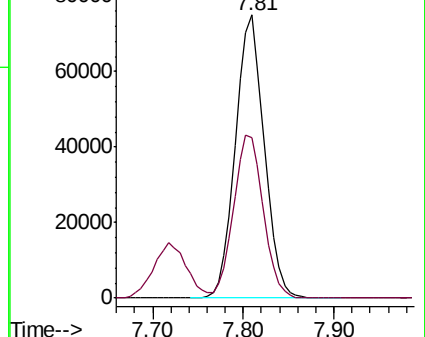
168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 19.465 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001936.D

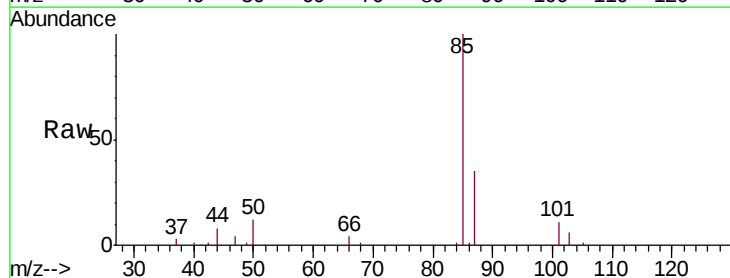
Acq: 11 Mar 2020 12:36

Tgt Ion: 85 Resp: 29698

Ion Ratio Lower Upper

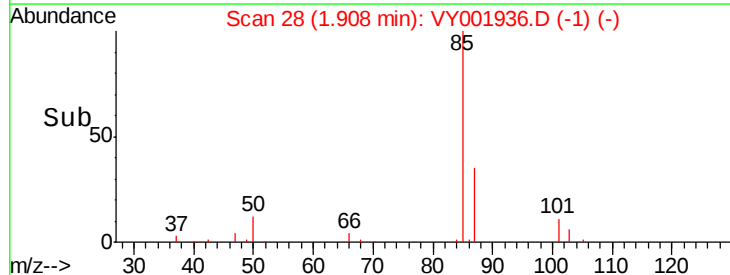
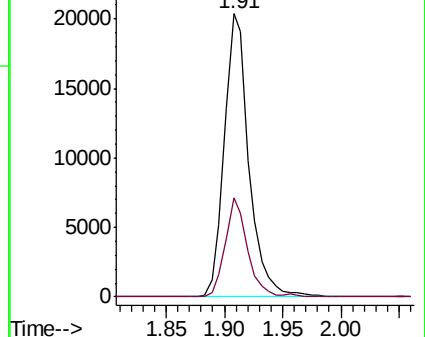
85 100

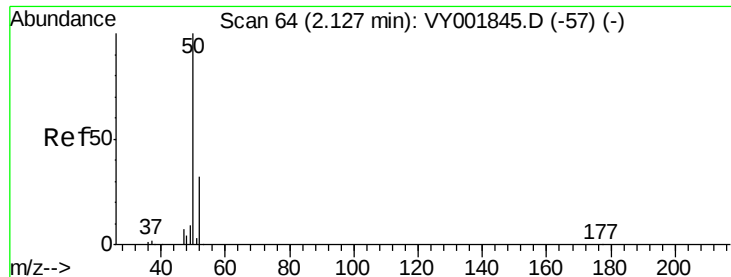
87 34.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 19.954 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

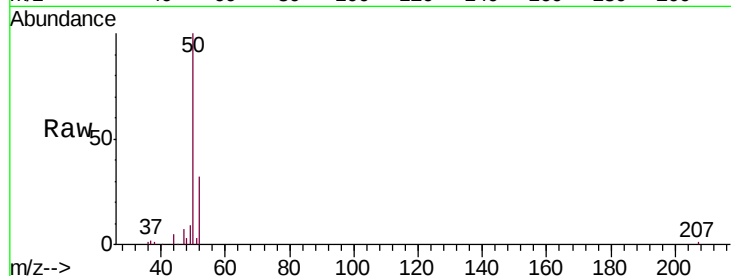
VY0311SBS01

Tgt Ion: 50 Resp: 41046

Ion Ratio Lower Upper

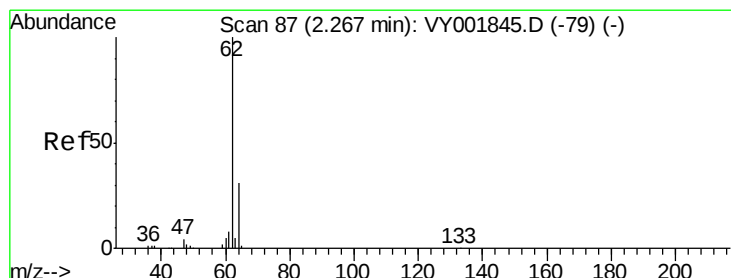
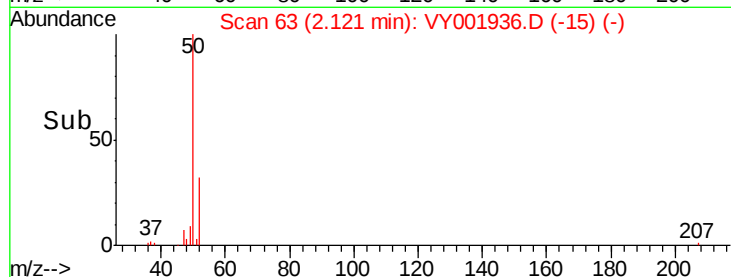
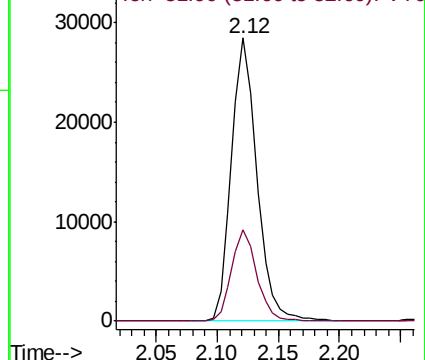
50 100

52 32.3 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: 20.151 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001936.D

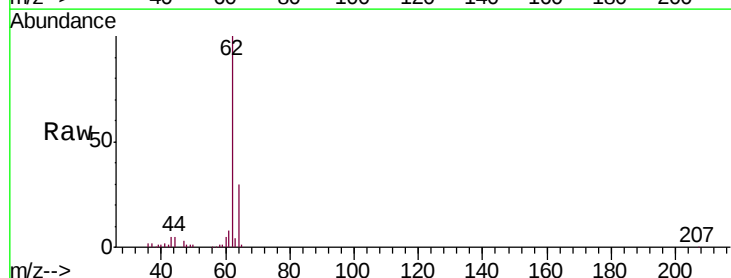
Acq: 11 Mar 2020 12:36

Tgt Ion: 62 Resp: 42163

Ion Ratio Lower Upper

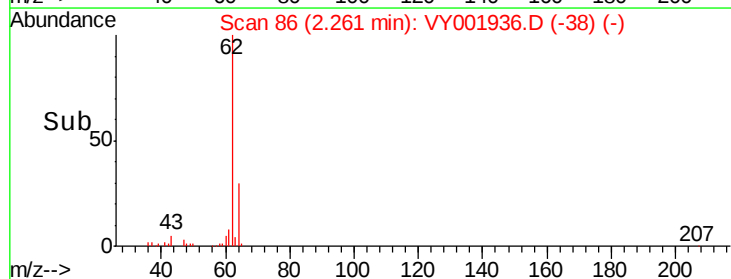
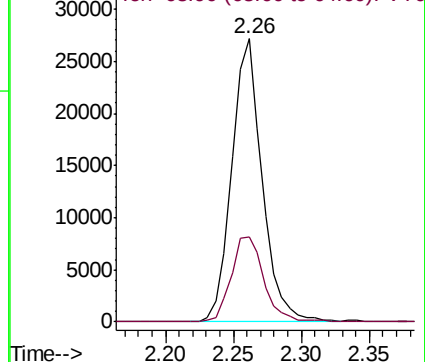
62 100

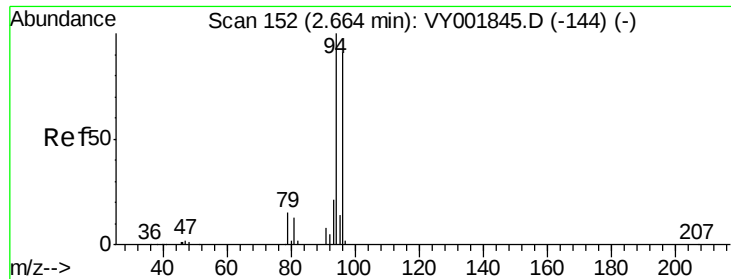
64 29.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

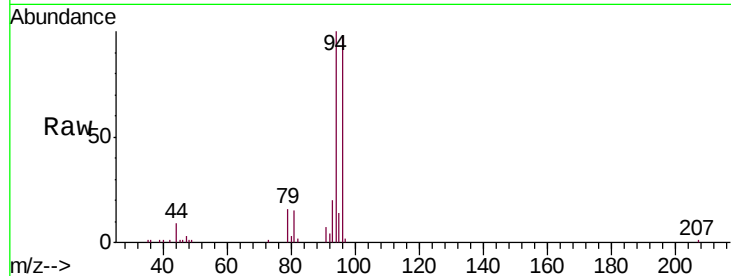
VY0311SBS01

Tgt Ion: 94 Resp: 28482

Ion Ratio Lower Upper

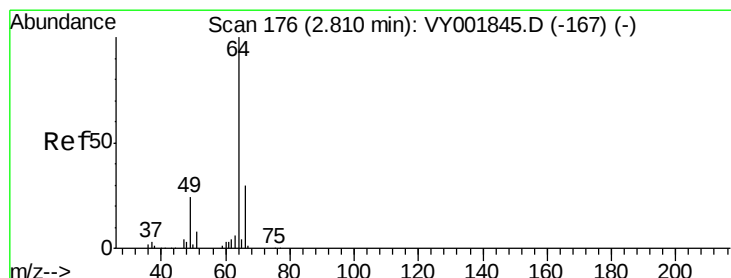
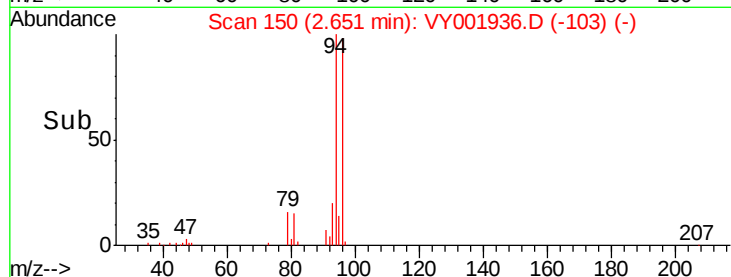
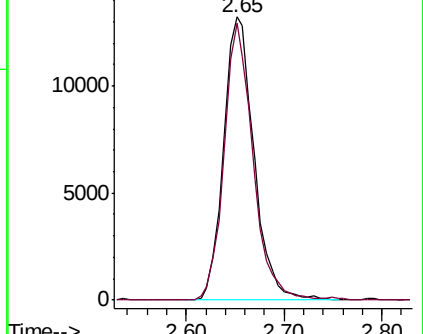
94 100

96 98.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.491 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001936.D

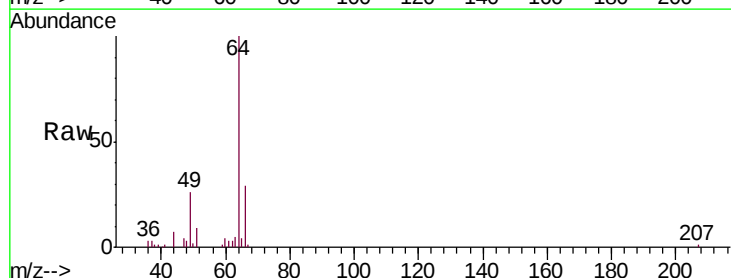
Acq: 11 Mar 2020 12:36

Tgt Ion: 64 Resp: 26933

Ion Ratio Lower Upper

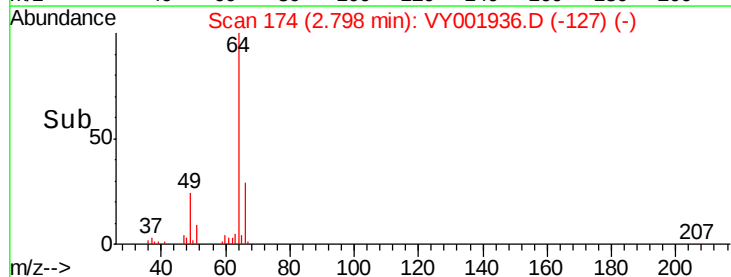
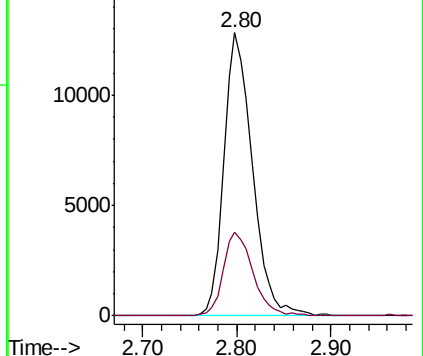
64 100

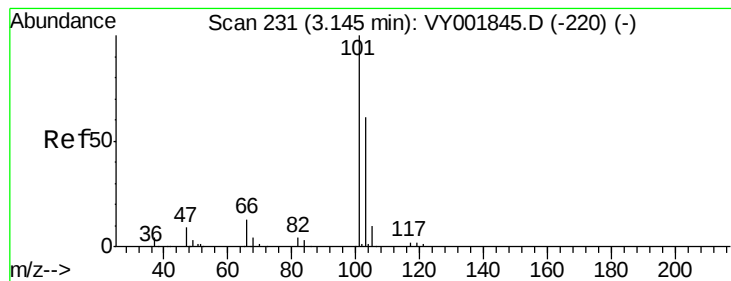
66 29.4 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 20.039 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.01 min

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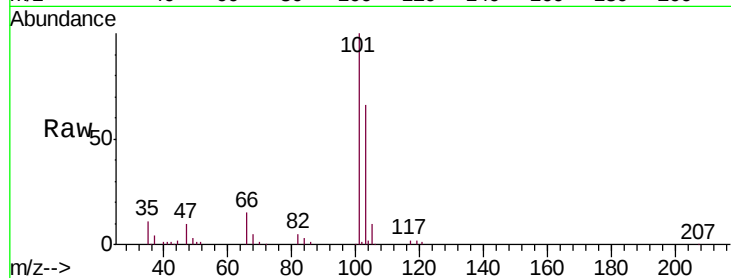
VY0311SBS01

Tgt Ion:101 Resp: 56865

Ion Ratio Lower Upper

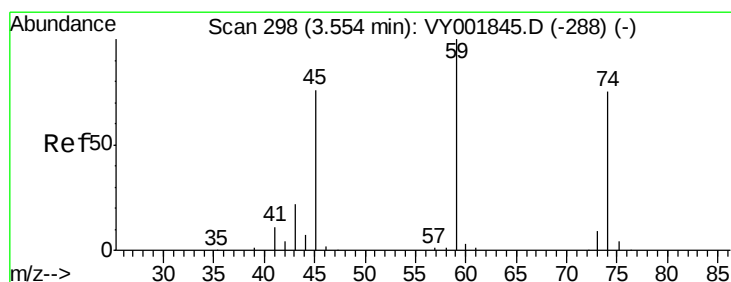
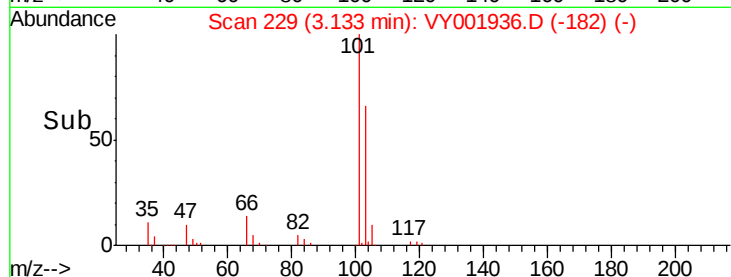
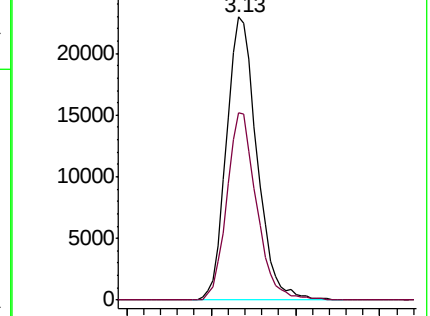
101 100

103 66.2 49.1 73.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.119 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY001936.D

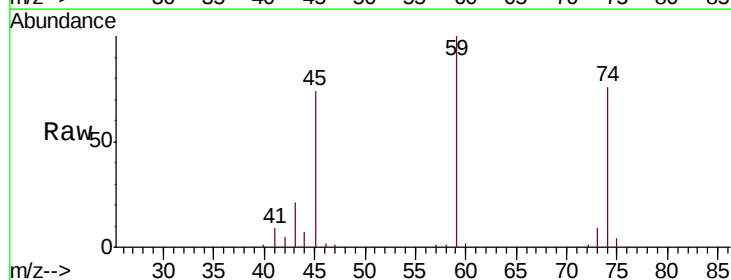
Acq: 11 Mar 2020 12:36

Tgt Ion: 74 Resp: 23620

Ion Ratio Lower Upper

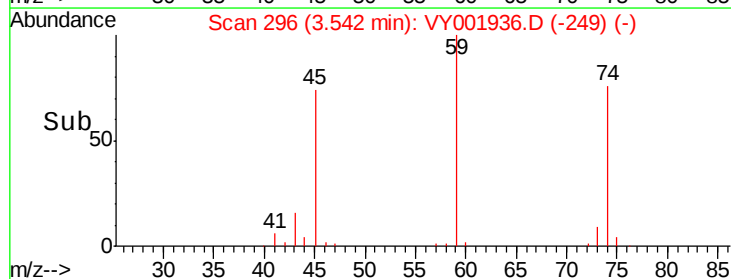
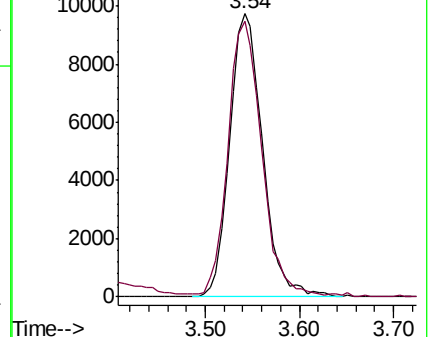
74 100

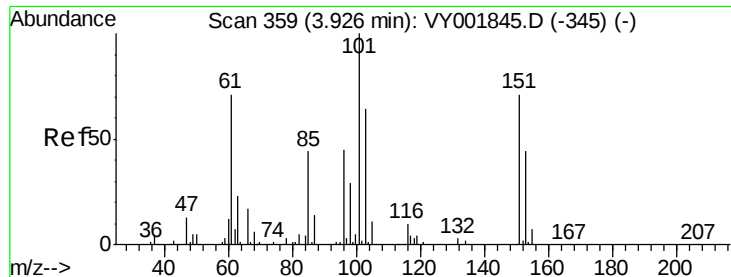
45 98.4 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.457 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

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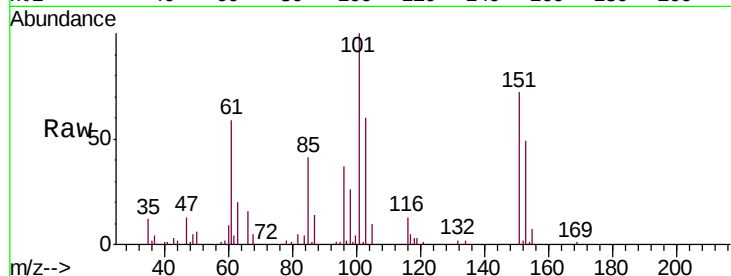
Tgt Ion:101 Resp: 37337

Ion Ratio Lower Upper

101 100

85 44.3 35.3 52.9

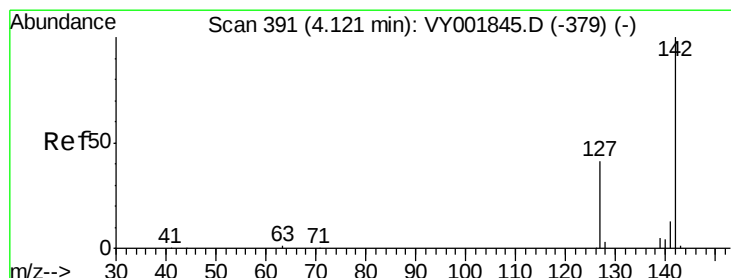
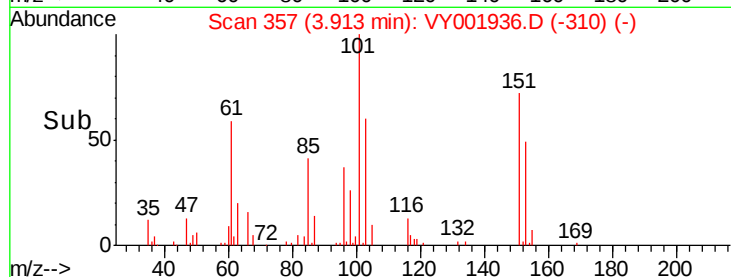
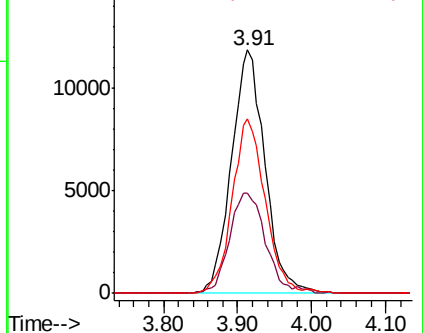
151 70.2 57.0 85.4



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: 18.226 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

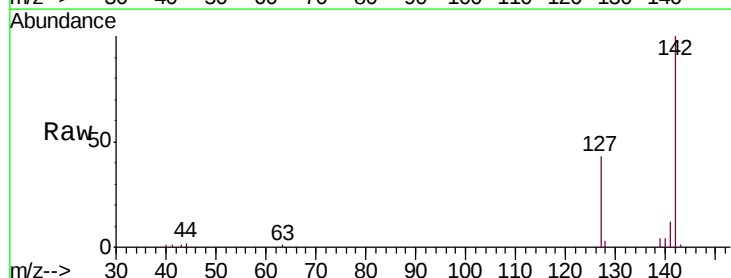
Tgt Ion:142 Resp: 38470

Ion Ratio Lower Upper

142 100

127 42.1 32.7 49.1

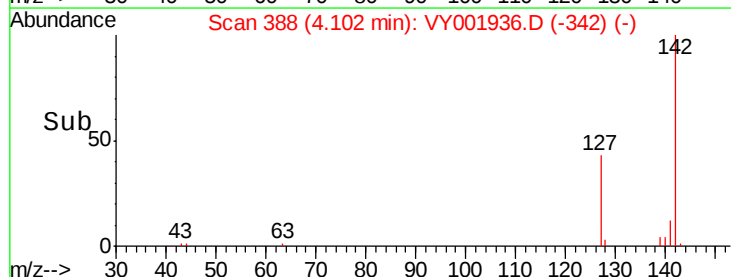
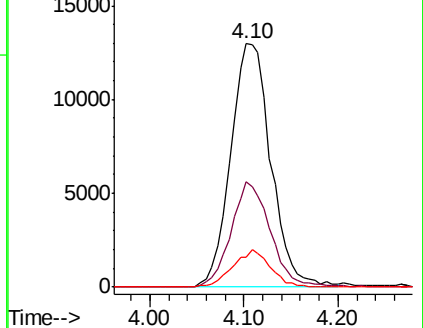
141 14.2 11.0 16.6

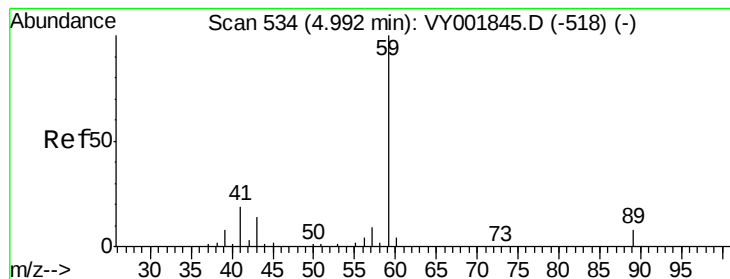


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



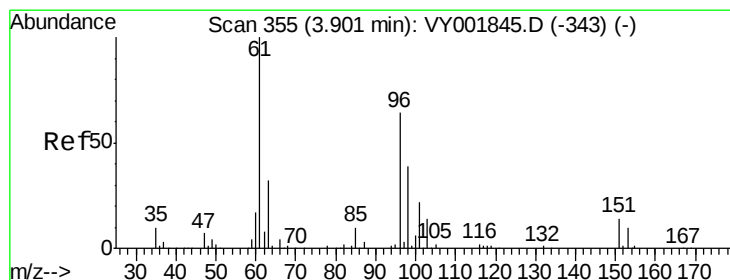
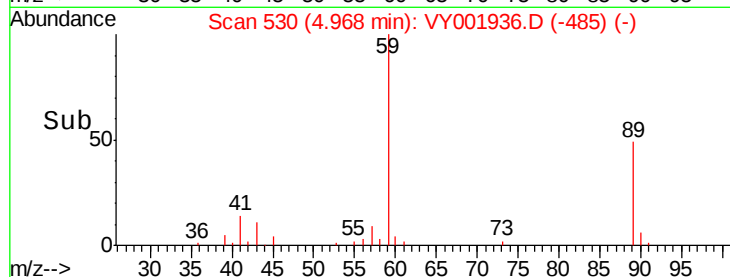
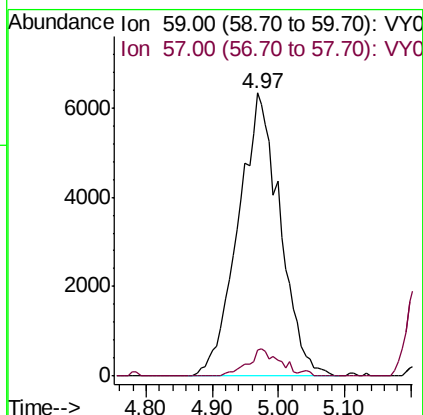
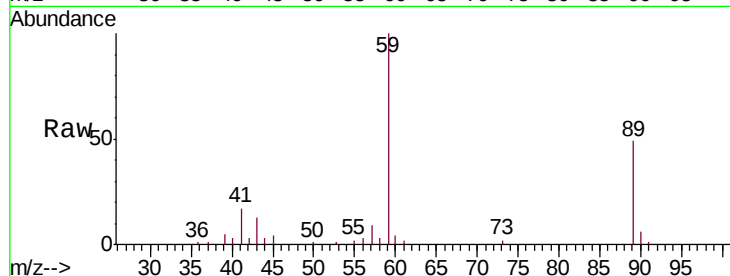


#11

Tert butyl alcohol
 Concen: 141.762 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

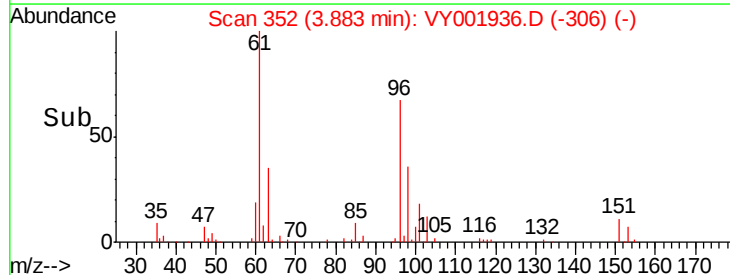
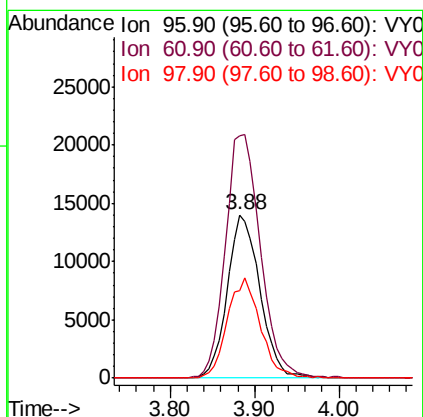
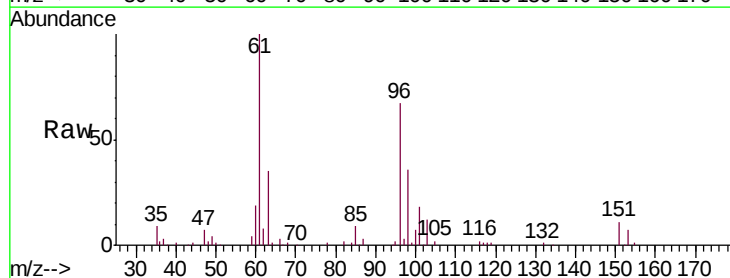
Tgt Ion: 59 Resp: 27827
 Ion Ratio Lower Upper
 59 100
 57 7.1 7.4 11.2#

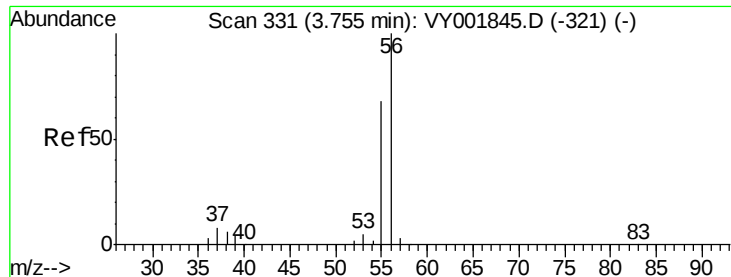


#12

1,1-Dichloroethene
 Concen: 20.091 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 96 Resp: 36922
 Ion Ratio Lower Upper
 96 100
 61 148.1 124.8 187.2
 98 53.6 49.2 73.8





#13

Acrolein

Concen: 91.682 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

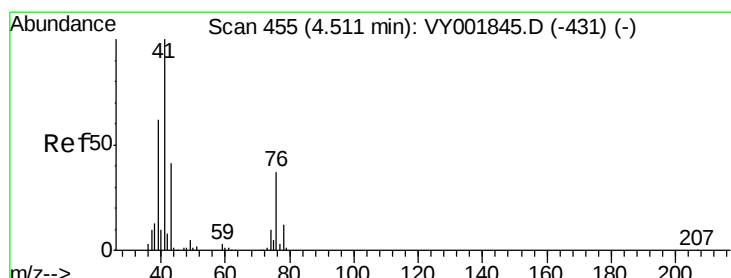
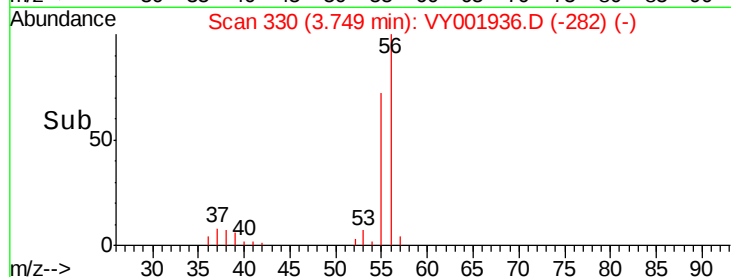
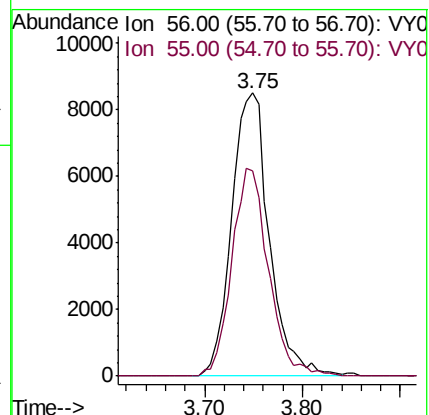
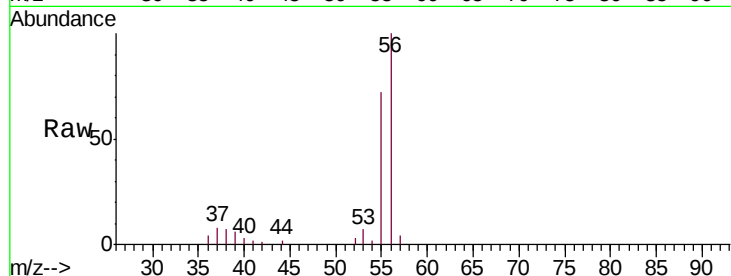
VY0311SBS01

Tgt Ion: 56 Resp: 22734

Ion Ratio Lower Upper

56 100

55 71.4 54.0 81.0



#14

Allyl chloride

Concen: 20.312 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

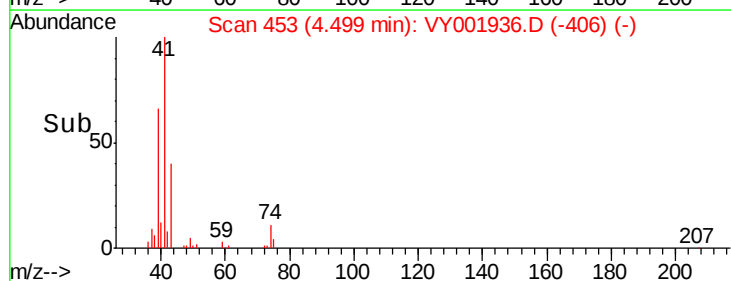
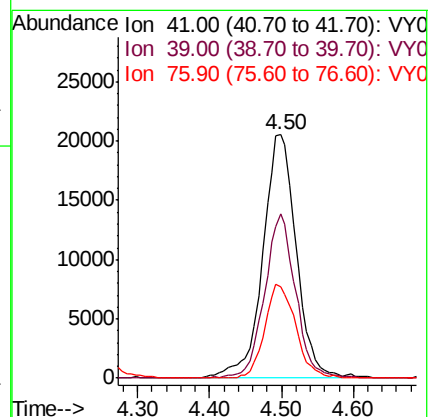
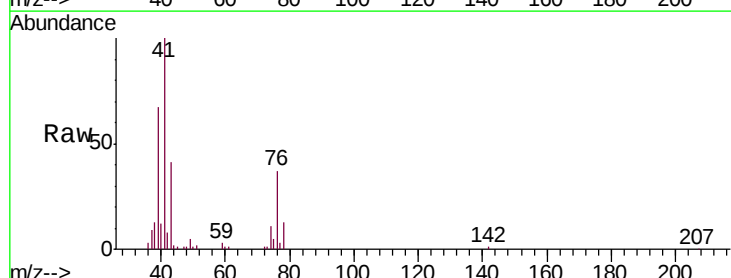
Tgt Ion: 41 Resp: 66175

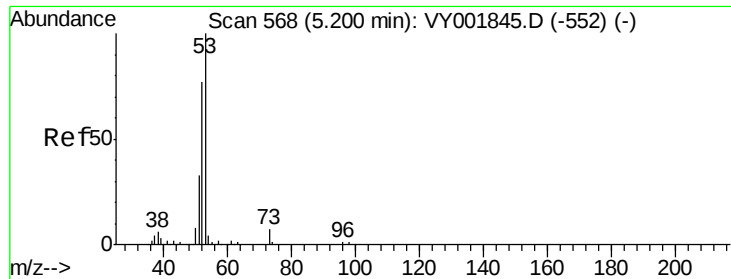
Ion Ratio Lower Upper

41 100

39 62.2 49.0 73.6

76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 103.718 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

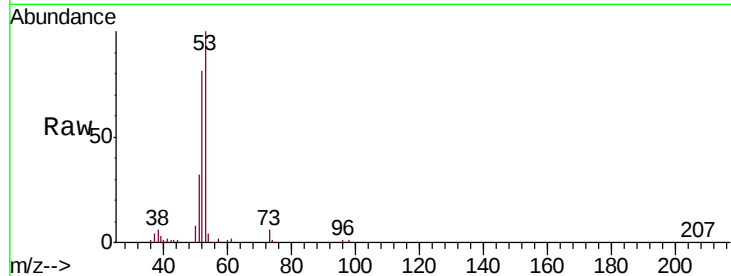
Tgt Ion: 53 Resp: 61986

Ion Ratio Lower Upper

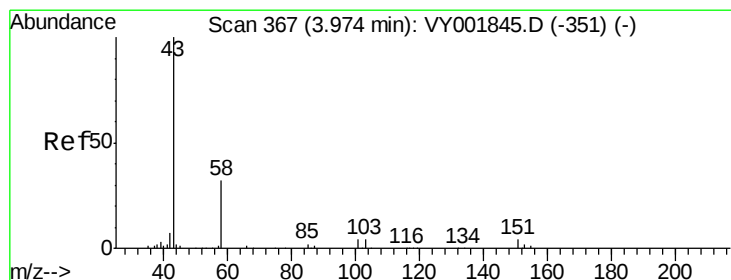
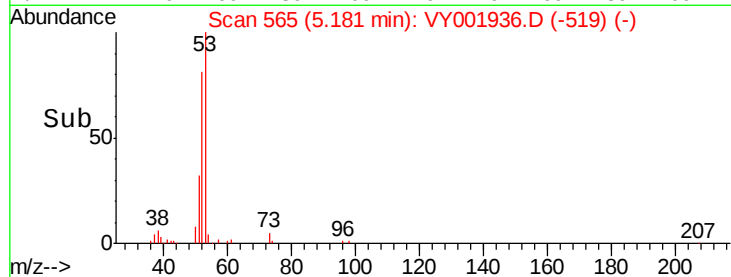
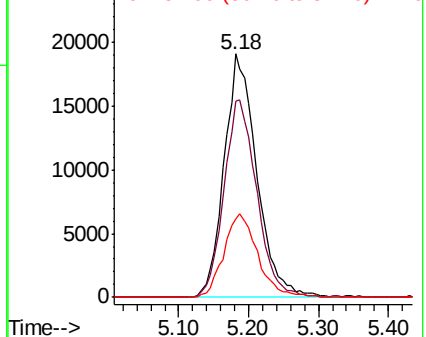
53 100

52 81.4 65.1 97.7

51 35.7 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 100.212 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001936.D

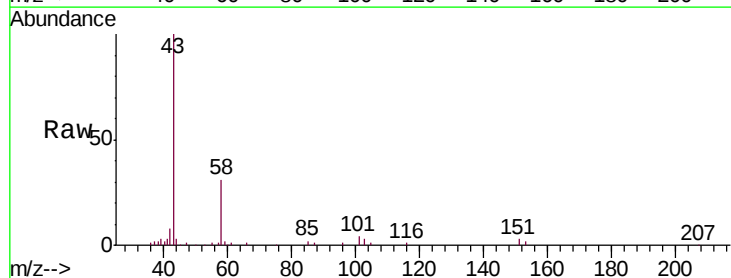
Acq: 11 Mar 2020 12:36

Tgt Ion: 43 Resp: 51504

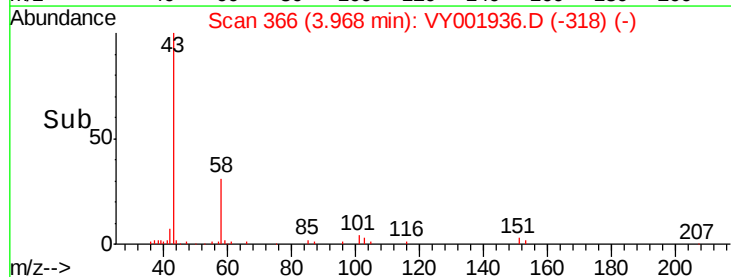
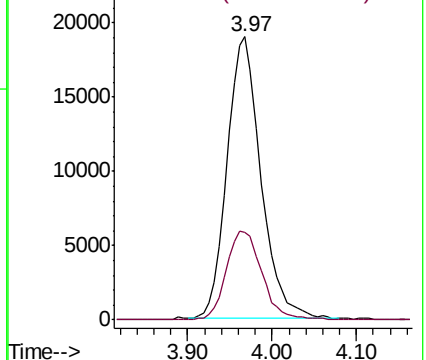
Ion Ratio Lower Upper

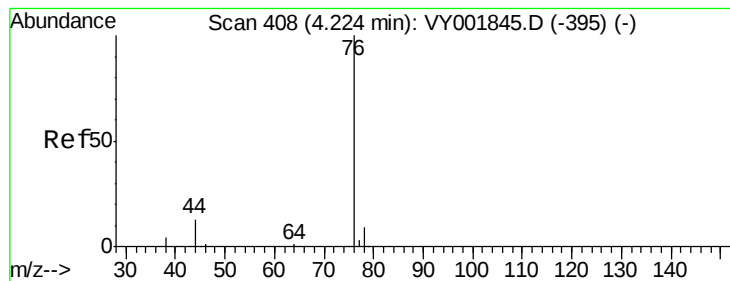
43 100

58 31.3 25.9 38.9



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





#17

Carbon Disulfide

Concen: 19.091 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

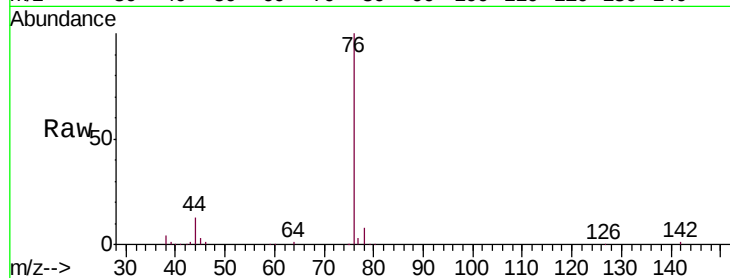
VY0311SBS01

Tgt Ion: 76 Resp: 117942

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

50000

40000

30000

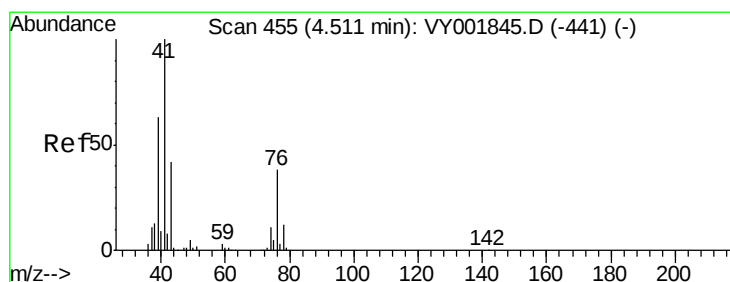
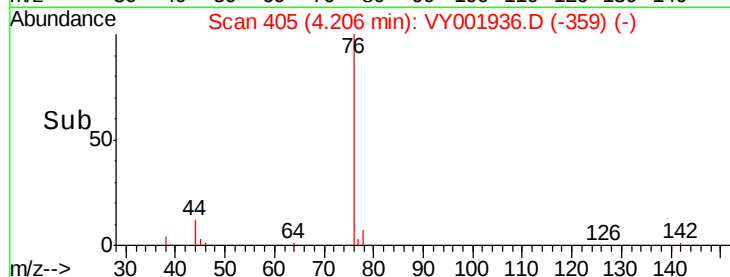
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 20.856 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001936.D

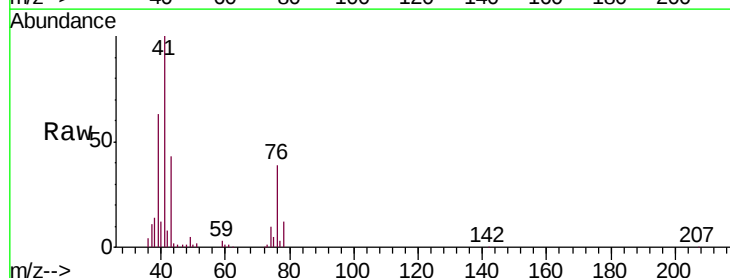
Acq: 11 Mar 2020 12:36

Tgt Ion: 43 Resp: 27541

Ion Ratio Lower Upper

43 100

74 22.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

10000

8000

6000

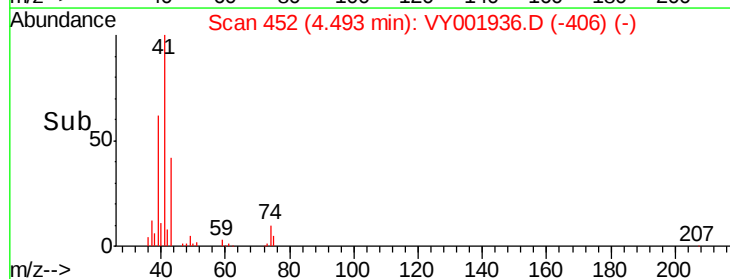
4000

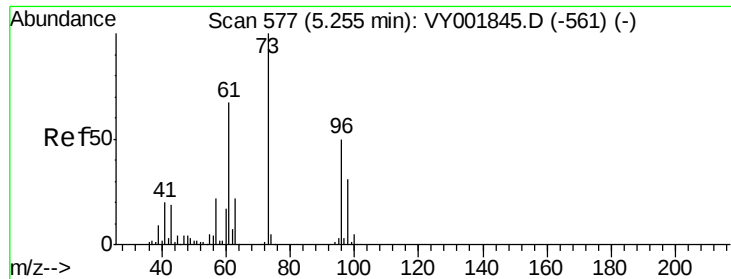
2000

0

Time-->

4.40 4.50 4.60

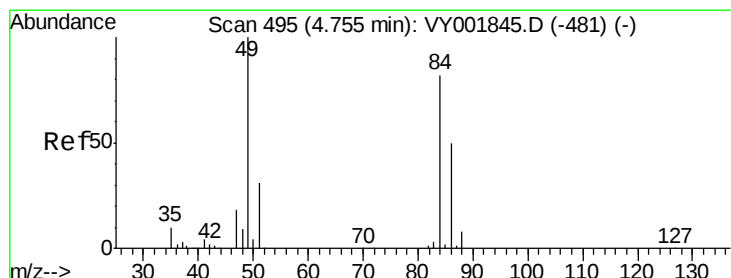
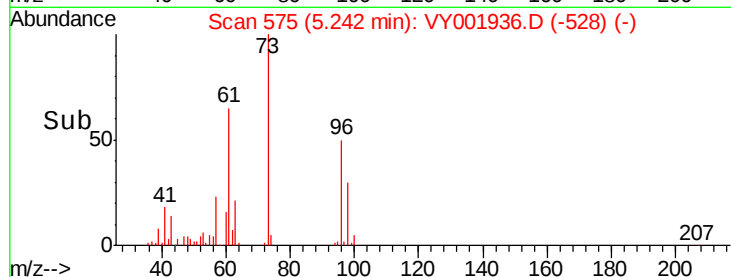
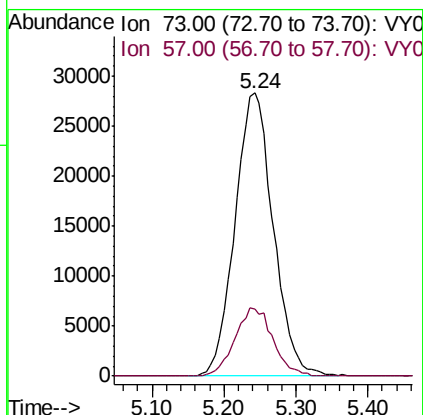
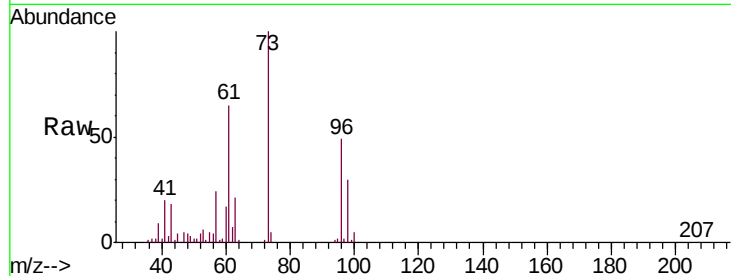




#19
Methyl tert-butyl Ether
Concen: 20.946 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

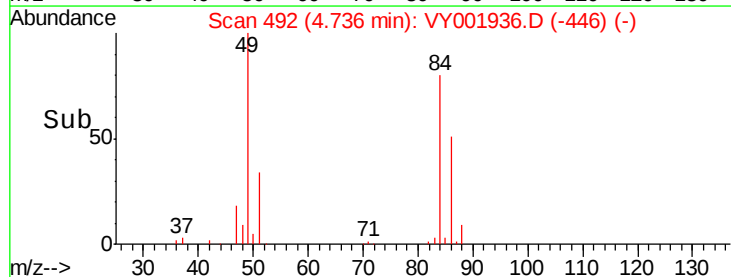
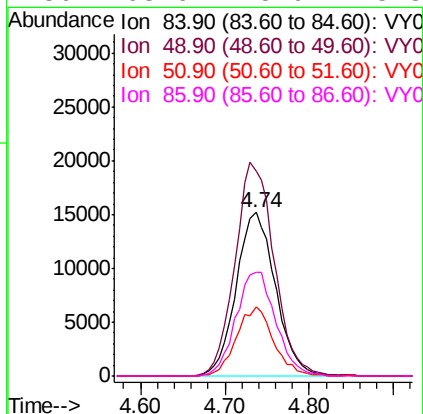
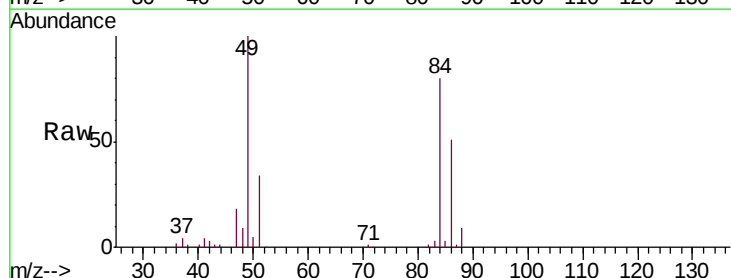
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

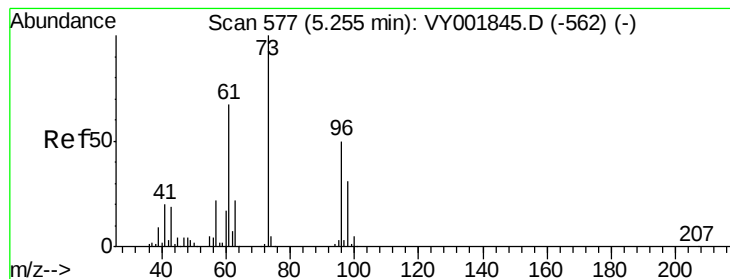
Tgt Ion: 73 Resp: 104314
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2



#20
Methylene Chloride
Concen: 21.884 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 84 Resp: 48203
Ion Ratio Lower Upper
84 100
49 125.6 98.2 147.2
51 42.2 30.2 45.2
86 63.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.793 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

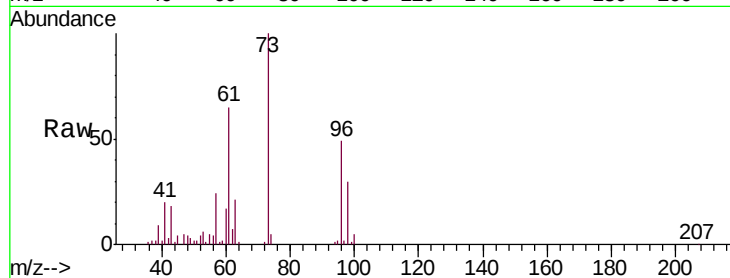
Tgt Ion: 96 Resp: 43371

Ion Ratio Lower Upper

96 100

61 132.2 107.7 161.5

98 60.8 49.3 73.9

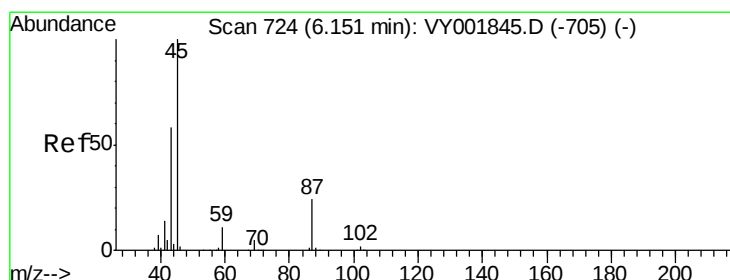
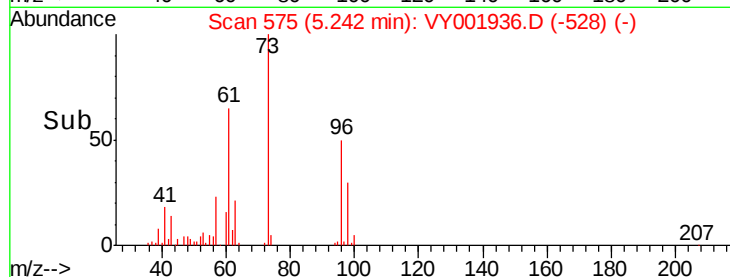
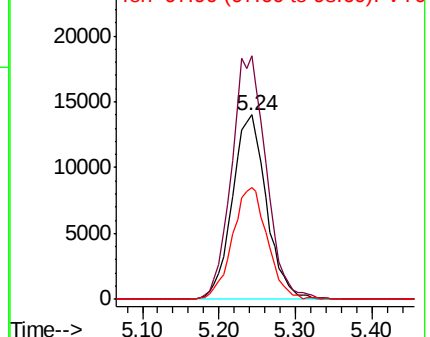


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.780 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion: 45 Resp: 138772

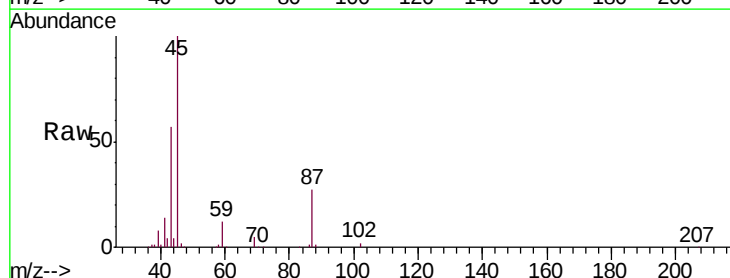
Ion Ratio Lower Upper

45 100

43 56.6 47.2 70.8

87 26.7 19.8 29.8

59 12.1 8.8 13.2



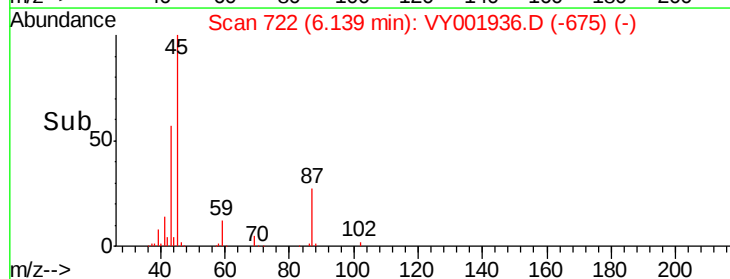
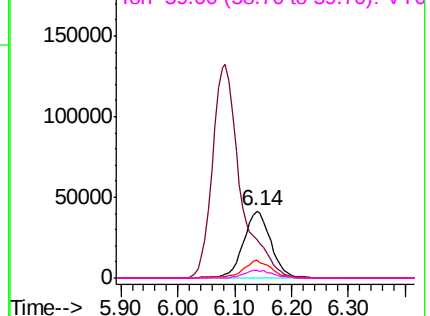
Abundance

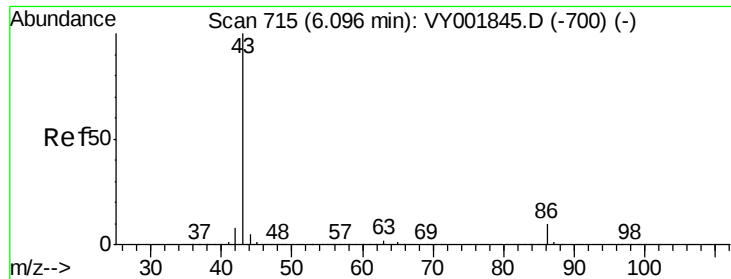
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

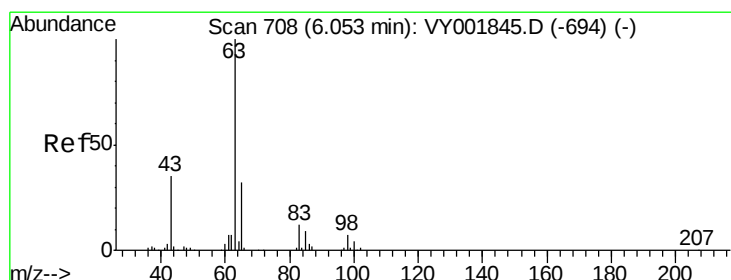
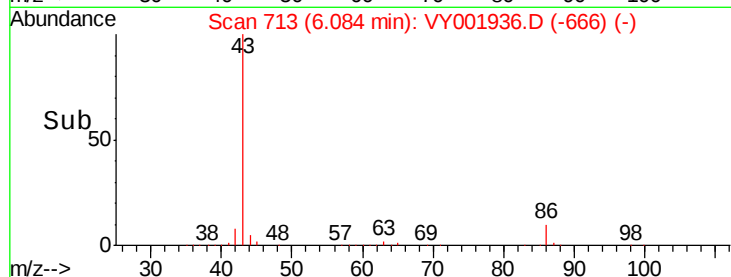
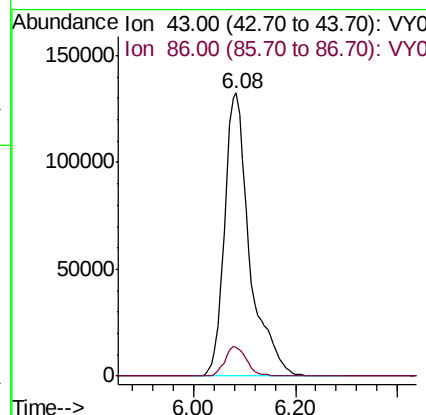
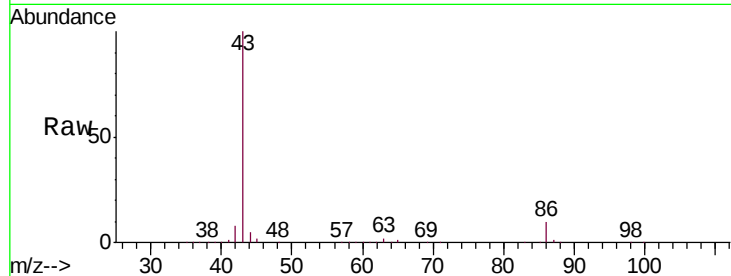




#23
 Vinyl Acetate
 Concen: 103.422 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

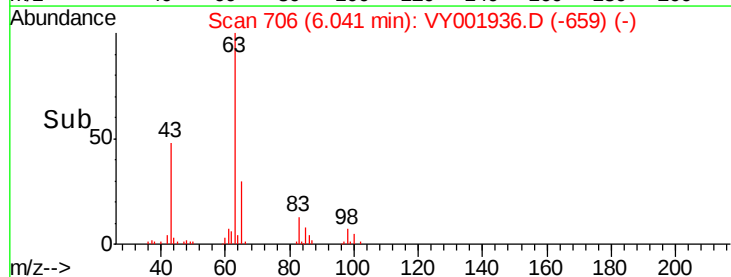
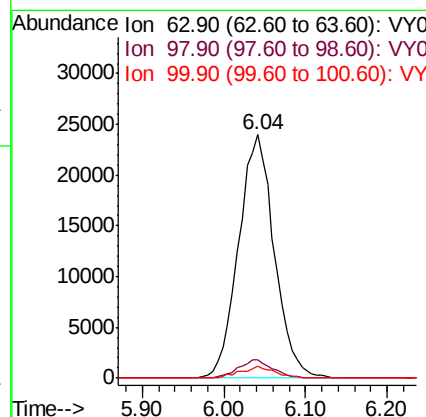
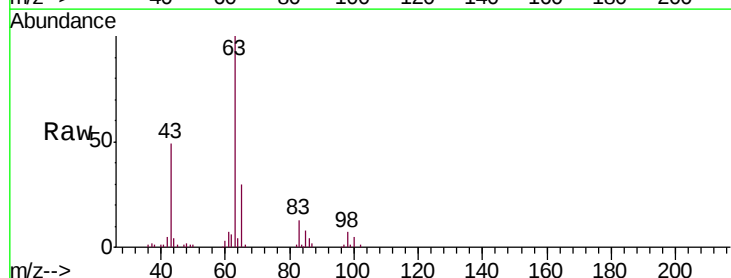
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

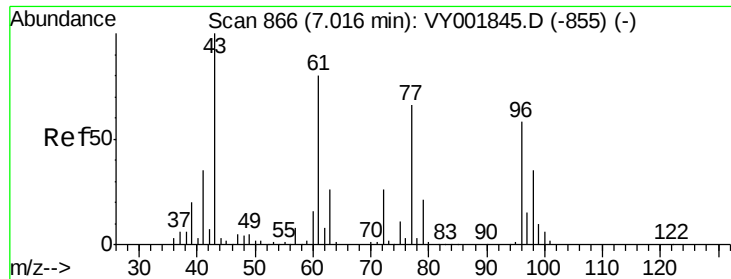
Tgt Ion: 43 Resp: 452781
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.131 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 63 Resp: 72804
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 103.452 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

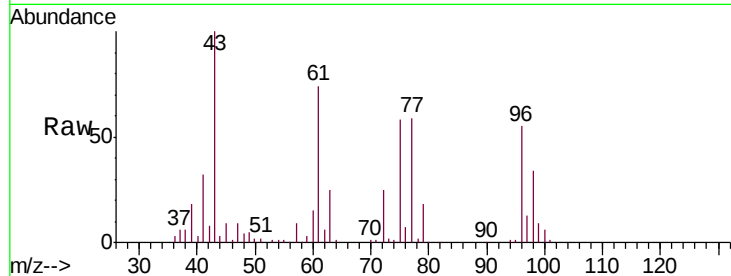
VY0311SBS01

Tgt Ion: 43 Resp: 80856

Ion Ratio Lower Upper

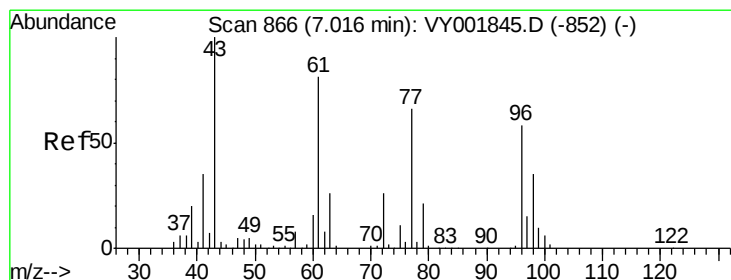
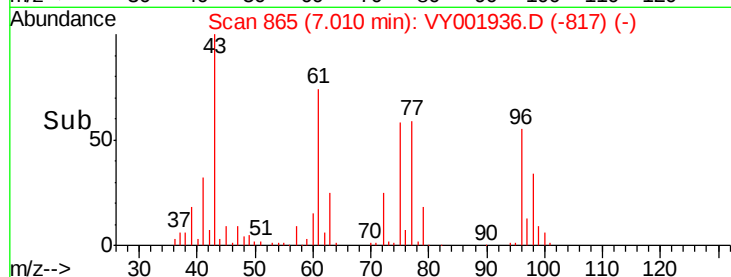
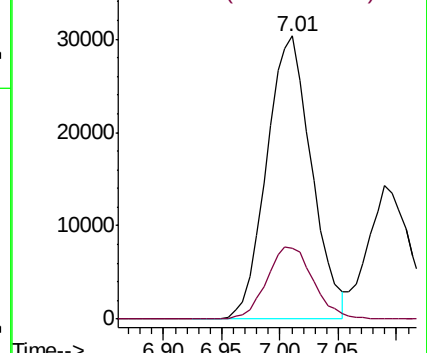
43 100

72 24.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.830 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001936.D

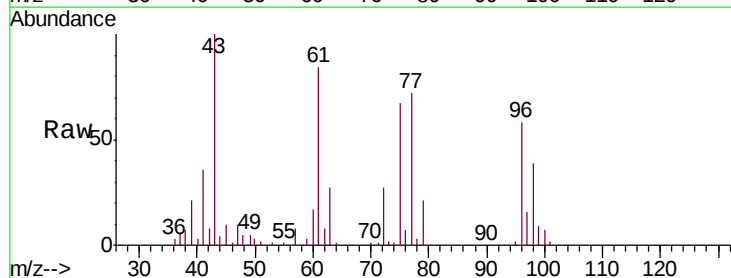
Acq: 11 Mar 2020 12:36

Tgt Ion: 77 Resp: 61829

Ion Ratio Lower Upper

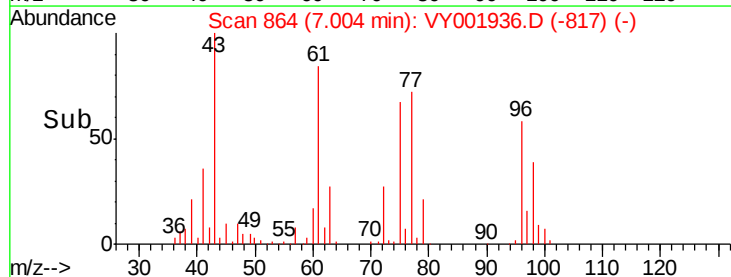
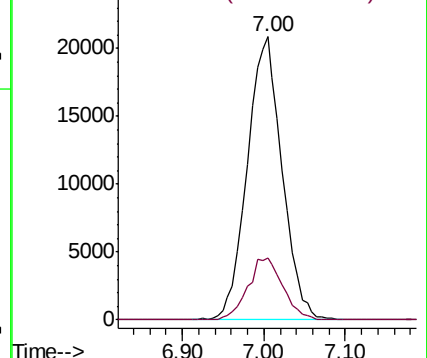
77 100

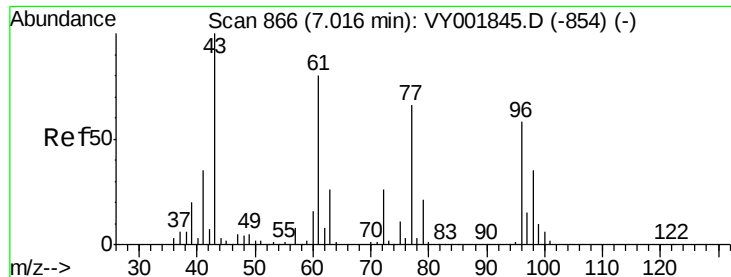
97 22.1 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



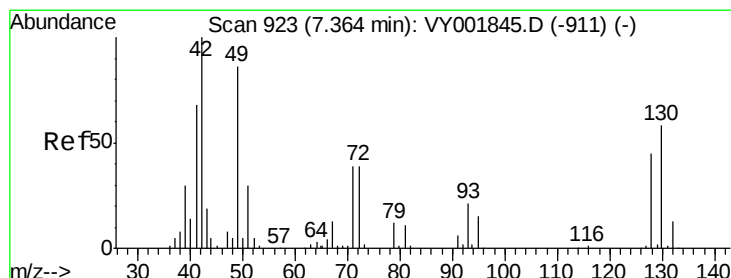
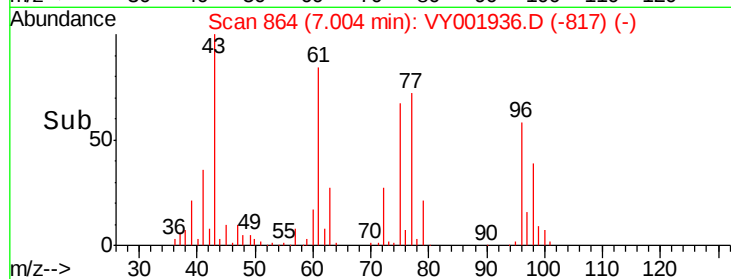
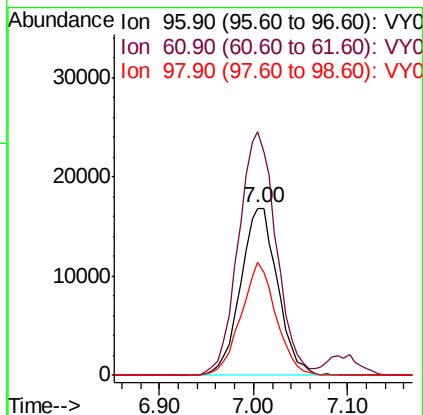
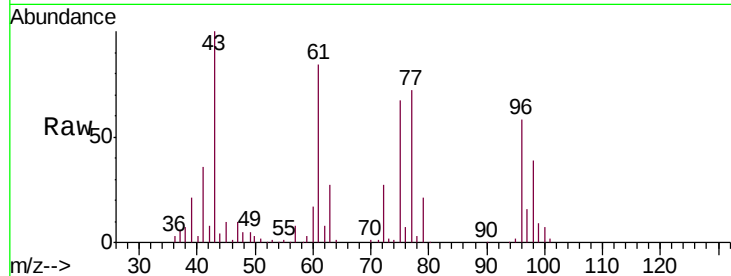


#27

cis-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

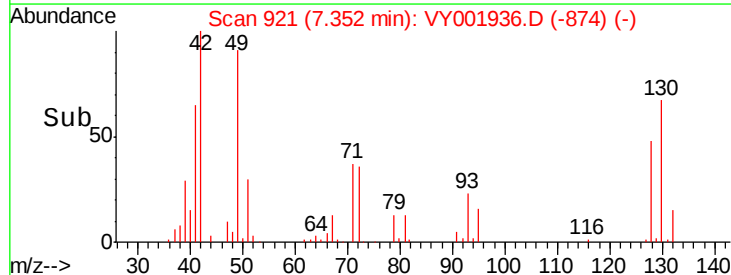
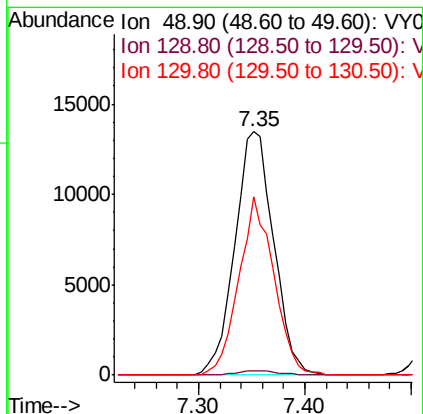
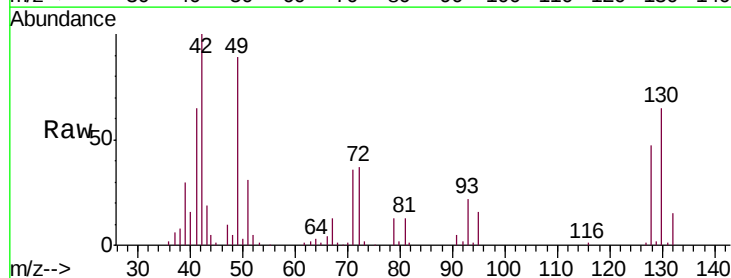
Tgt Ion: 96 Resp: 46319
Ion Ratio Lower Upper
96 100
61 148.6 0.0 288.2
98 64.0 0.0 129.0

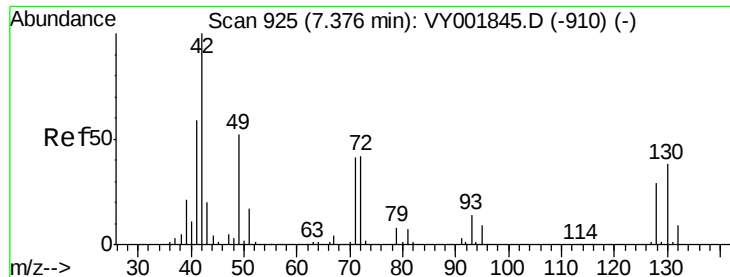


#28

Bromochloromethane
Concen: 21.133 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 49 Resp: 34449
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 66.2 54.4 81.6

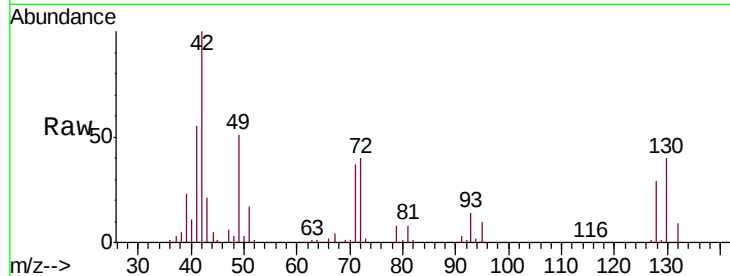




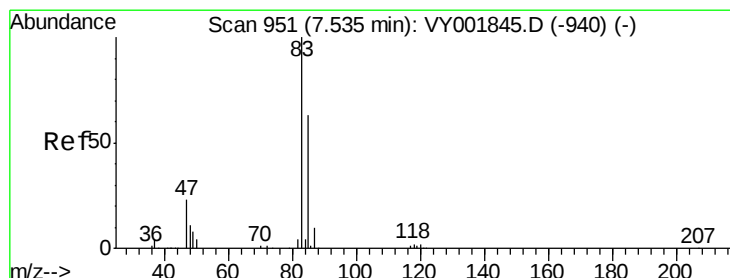
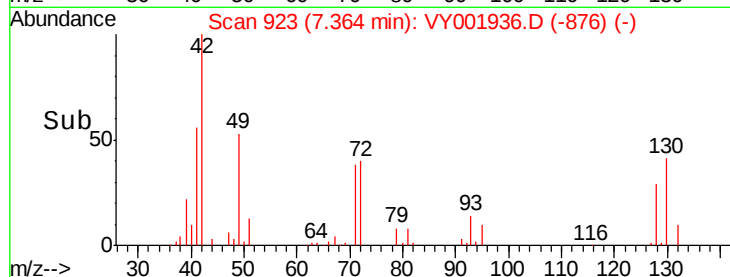
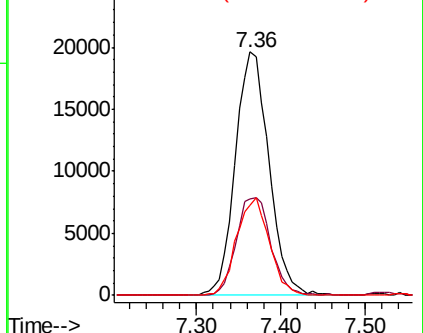
#29
Tetrahydrofuran
Concen: 102.316 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 42 Resp: 53104
Ion Ratio Lower Upper
42 100
72 41.1 33.5 50.3
71 38.7 31.3 46.9

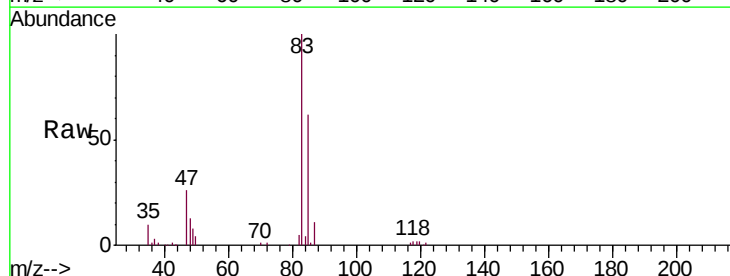


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

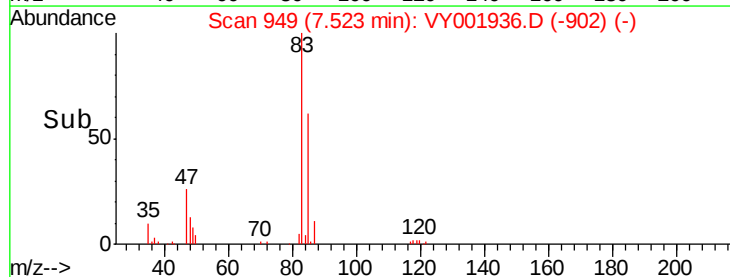
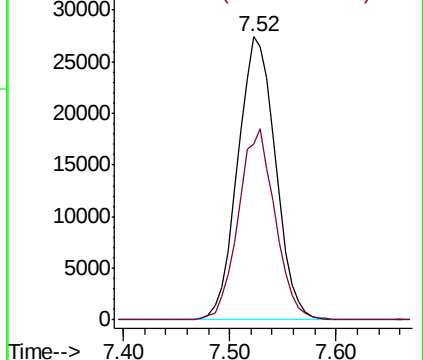


#30
Chloroform
Concen: 20.121 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 83 Resp: 68365
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1



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





#31

Cyclohexane

Concen: 19.827 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

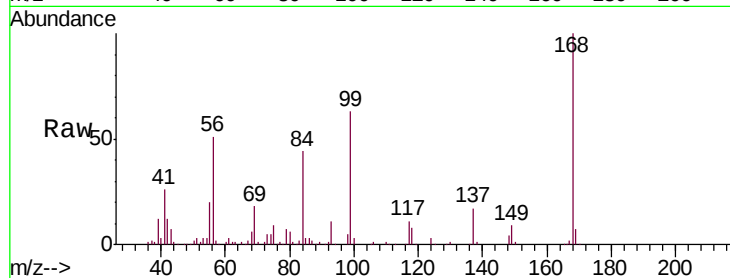
Tgt Ion: 56 Resp: 76883

Ion Ratio Lower Upper

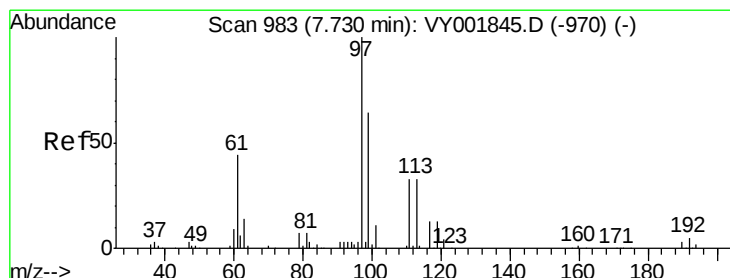
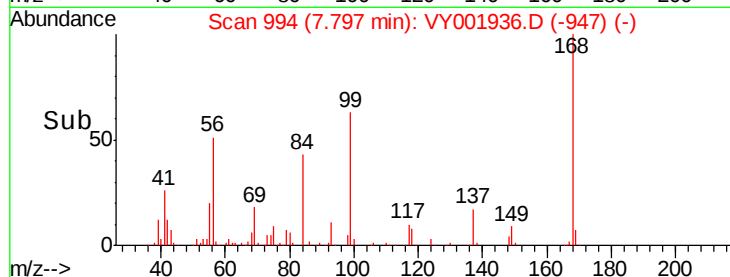
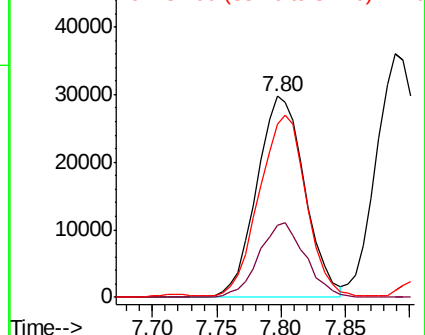
56 100

69 35.9 26.7 40.1

84 85.0 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 20.108 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

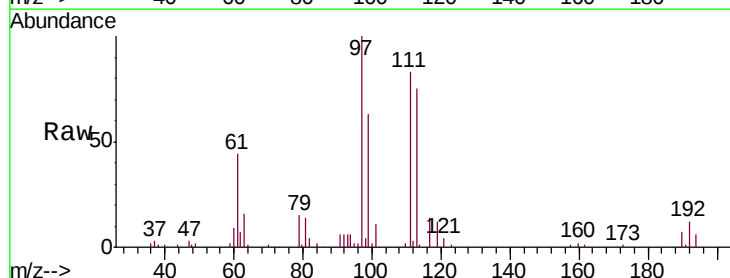
Tgt Ion: 97 Resp: 57585

Ion Ratio Lower Upper

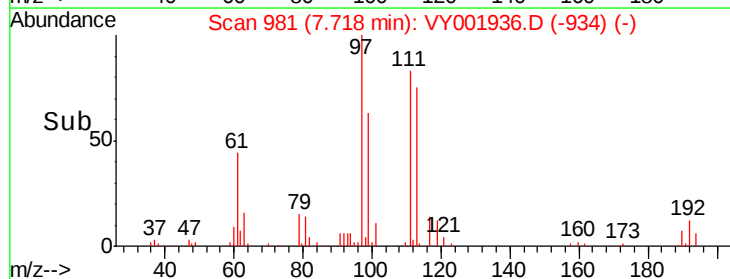
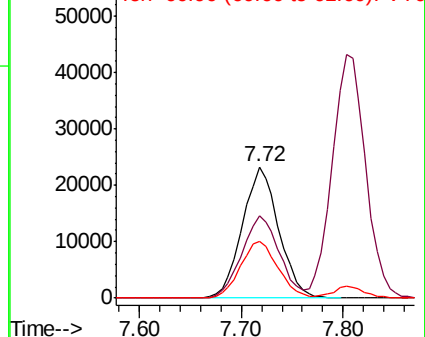
97 100

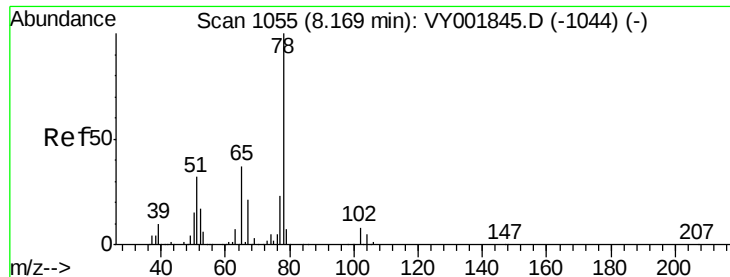
99 64.4 52.0 78.0

61 44.9 35.0 52.4



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

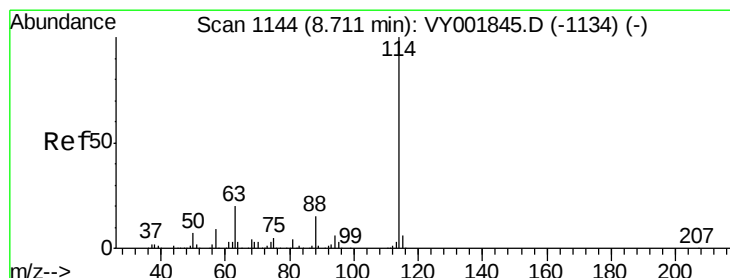
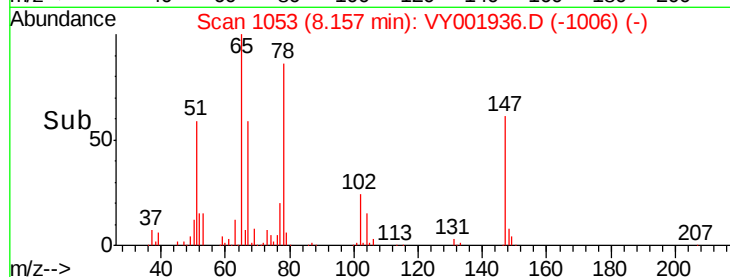
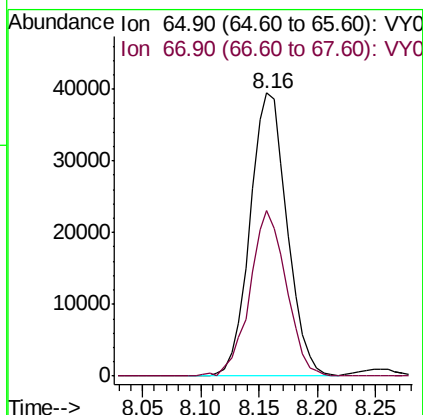
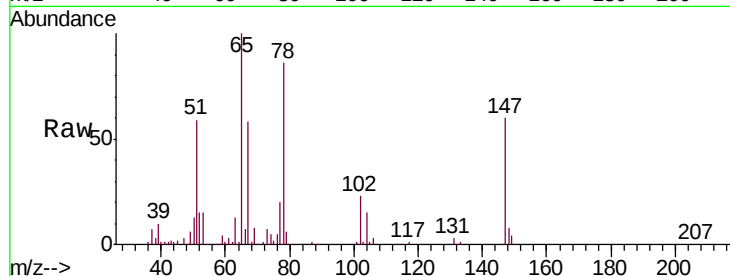




#33
 1,2-Dichloroethane-d4
 Concen: 49.397 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

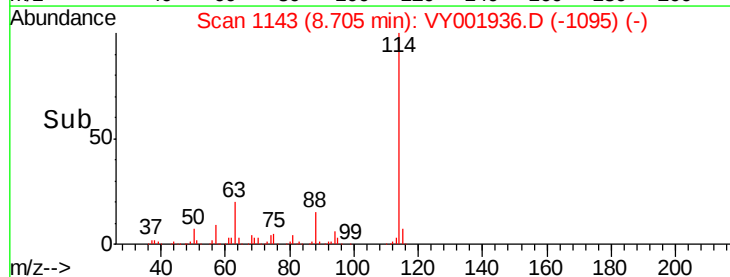
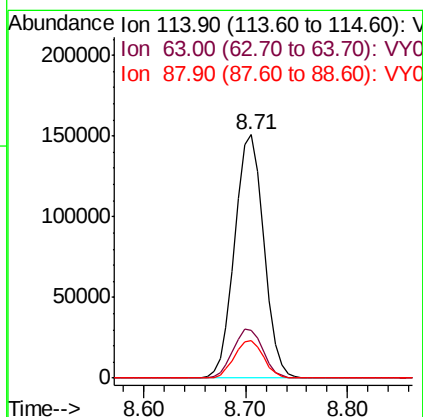
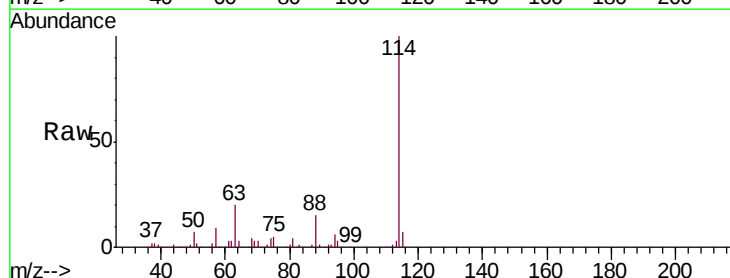
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

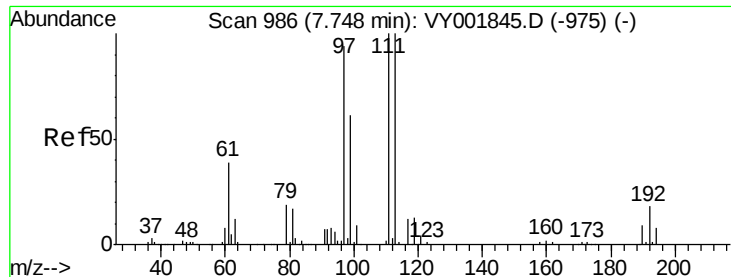
Tgt Ion: 65 Resp: 87165
 Ion Ratio Lower Upper
 65 100
 67 57.6 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 114 Resp: 298499
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.4 0.0 30.4

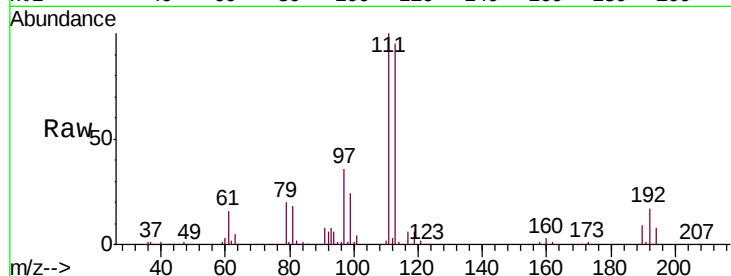




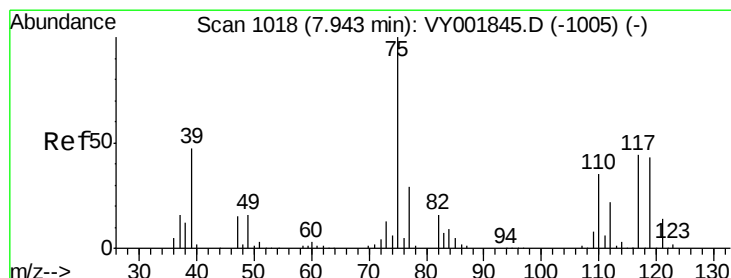
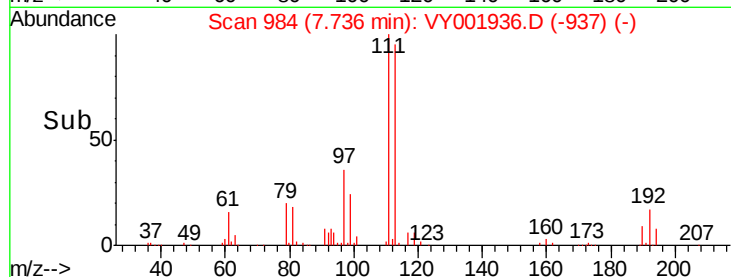
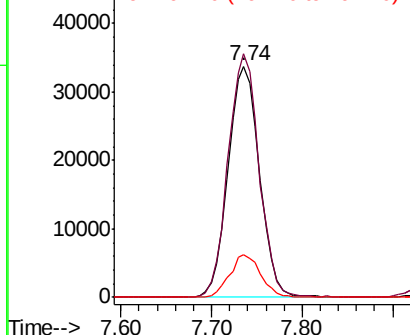
#35
 Dibromofluoromethane
 Concen: 49.602 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tgt Ion:113 Resp: 80849
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 18.2 14.2 21.2

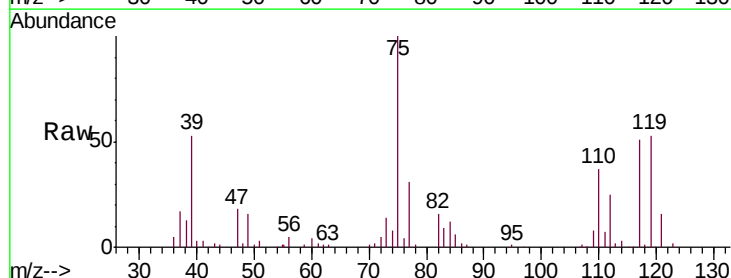


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

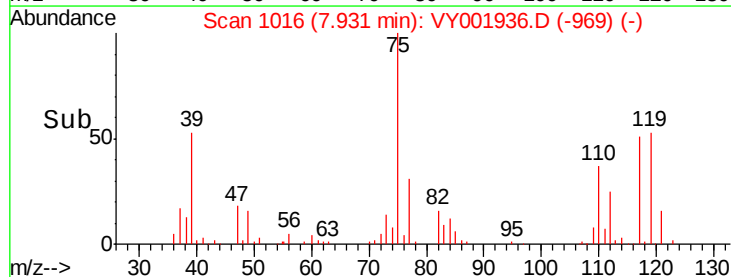
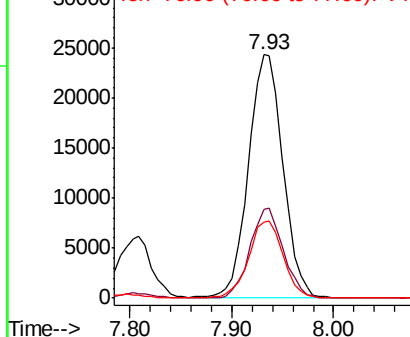


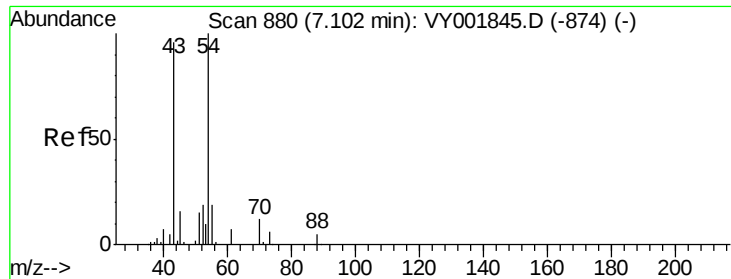
#36
 1,1-Dichloropropene
 Concen: 20.010 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 75 Resp: 57478
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.4 52.2
 77 31.6 24.2 36.2



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

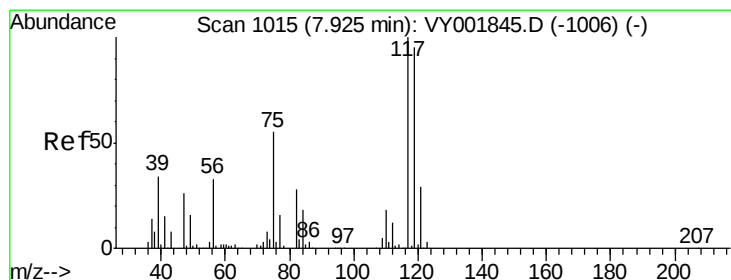
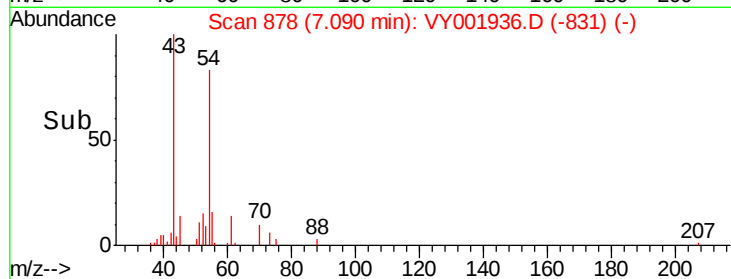
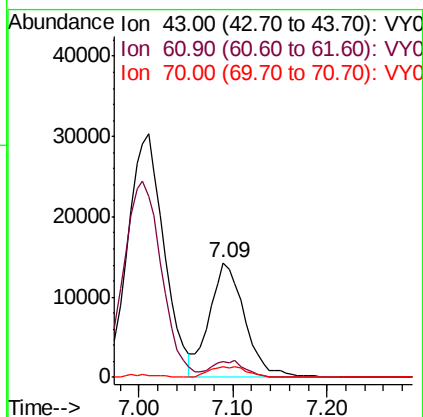
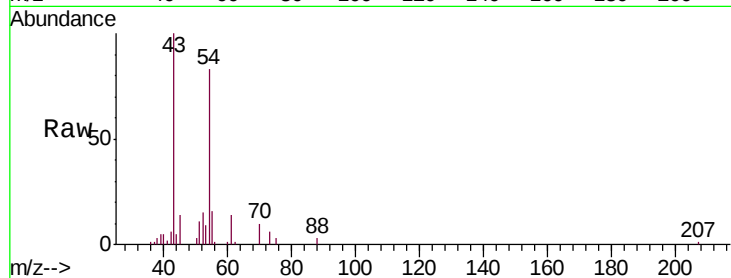




#37
Ethyl Acetate
Concen: 22.500 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

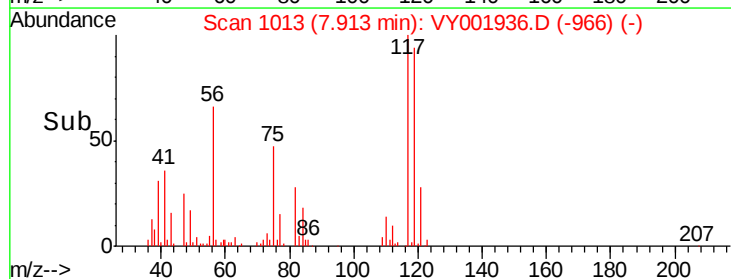
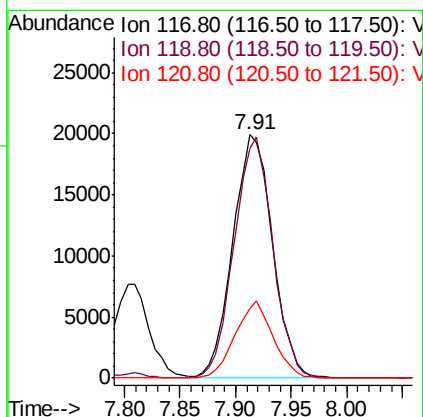
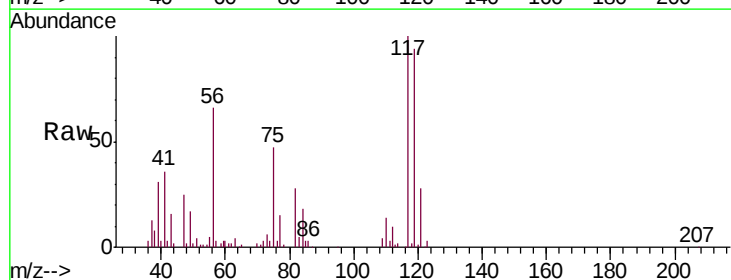
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 43 Resp: 37563
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.123 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 117 Resp: 49379
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5
121 28.5 23.5 35.3

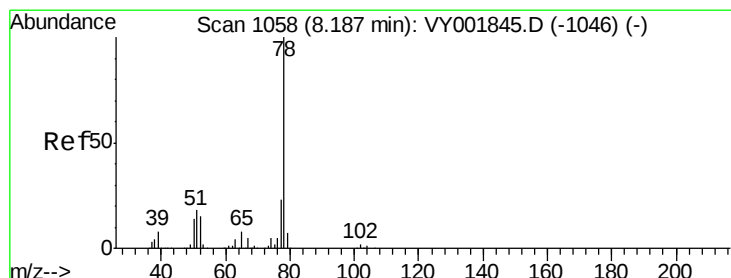
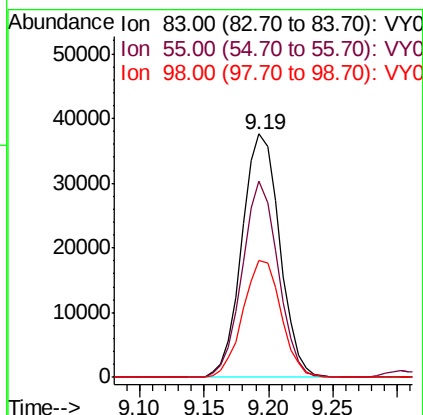
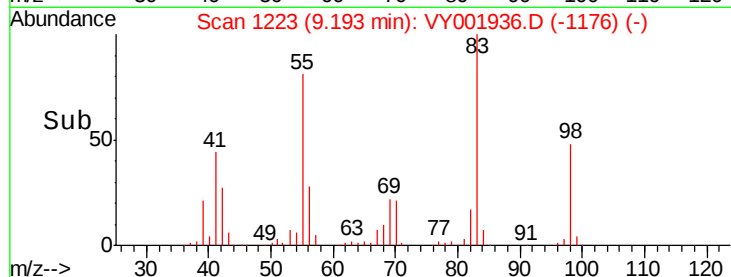
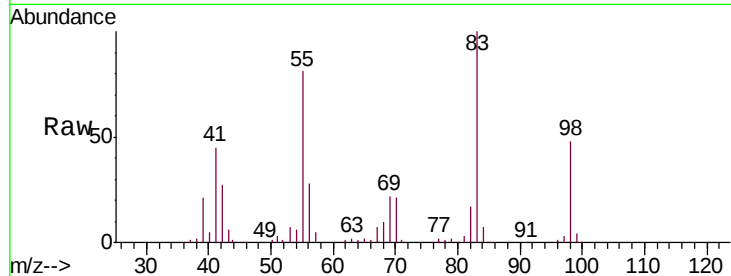




#39
Methylcyclohexane
Concen: 20.018 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

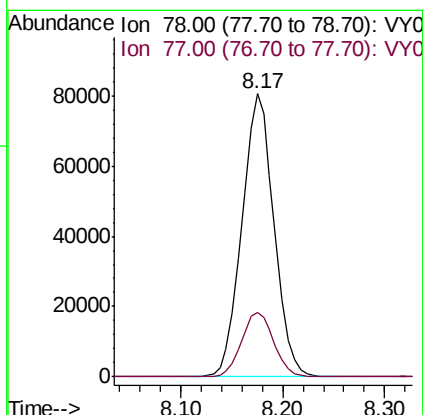
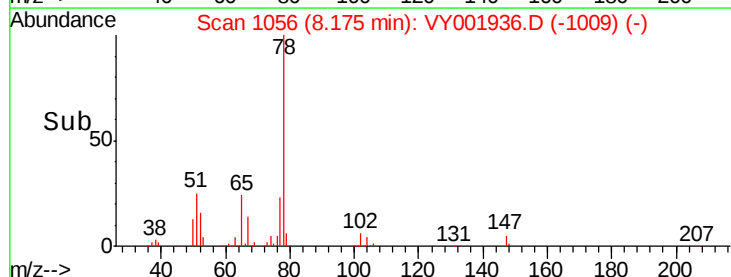
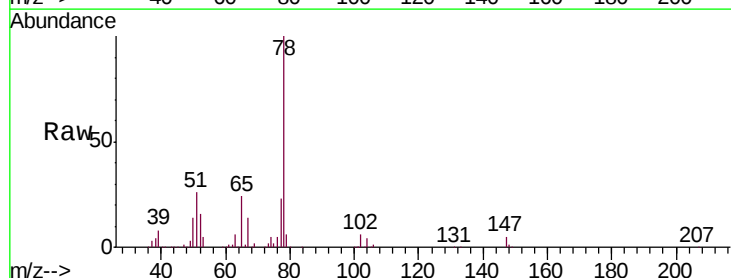
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 83 Resp: 76264
Ion Ratio Lower Upper
83 100
55 80.5 59.4 89.0
98 48.2 38.9 58.3



#40
Benzene
Concen: 20.622 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 78 Resp: 175579
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

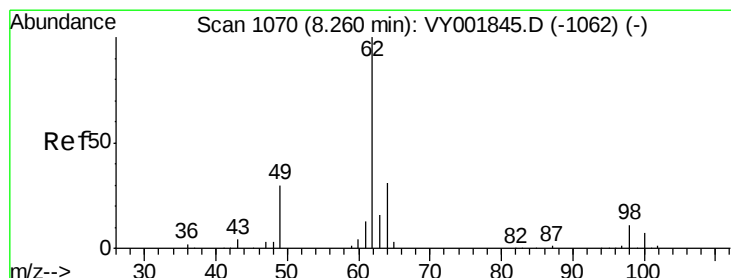
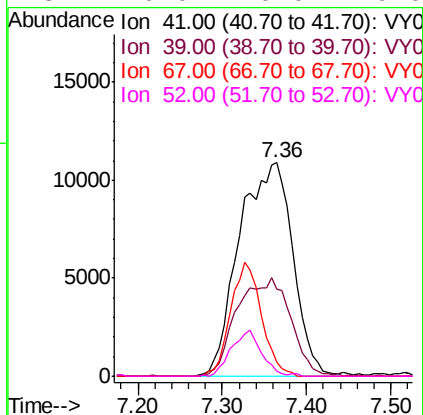
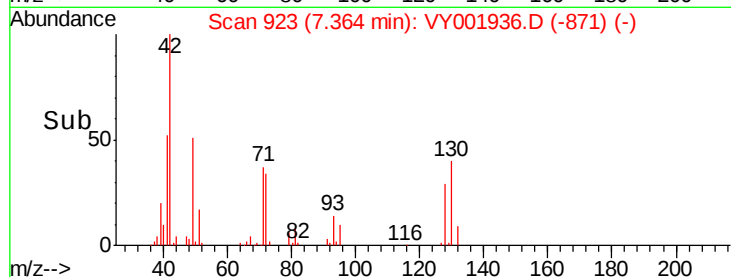
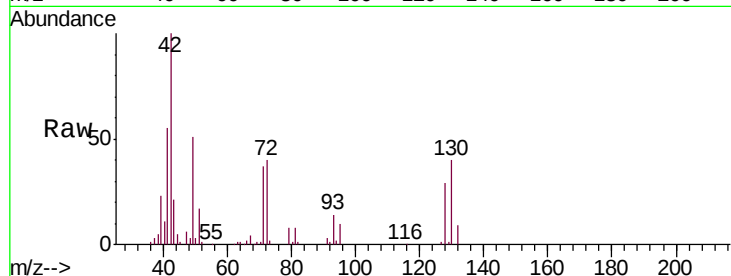




#41
Methacrylonitrile
Concen: 62.835 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

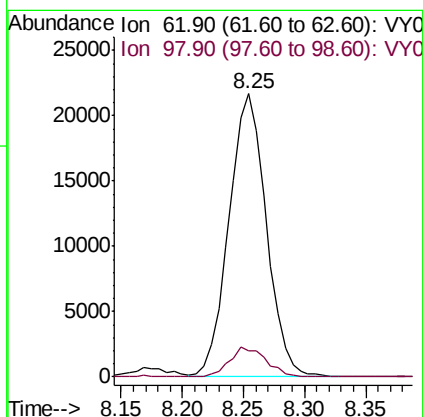
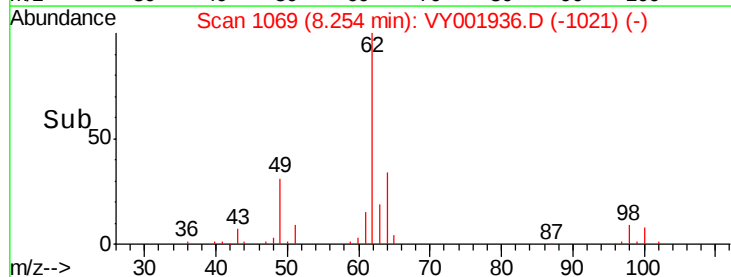
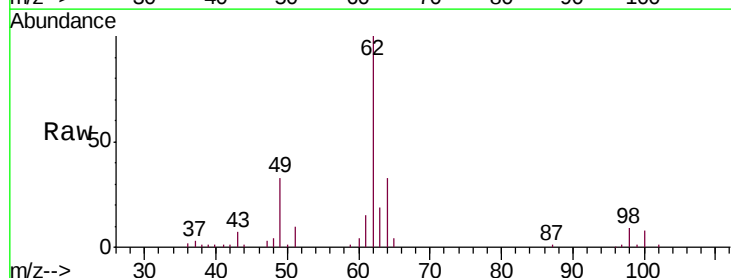
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

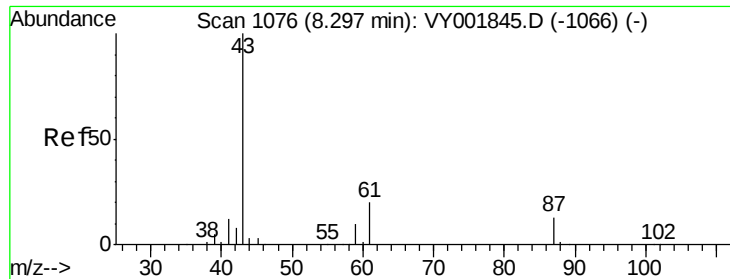
Tgt Ion: 41 Resp: 47210
Ion Ratio Lower Upper
41 100
39 46.2 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.907 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 62 Resp: 45869
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4

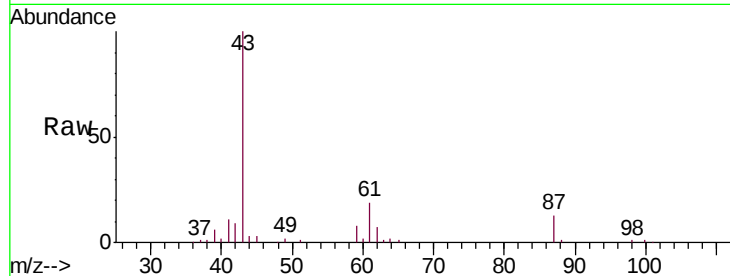




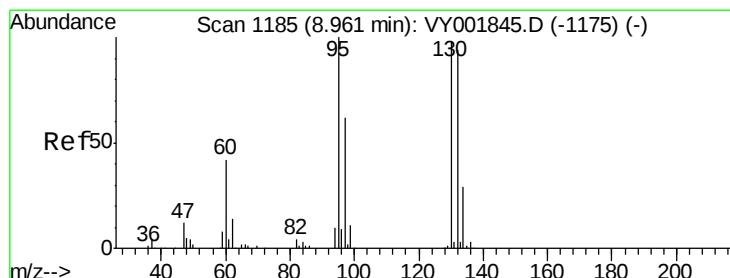
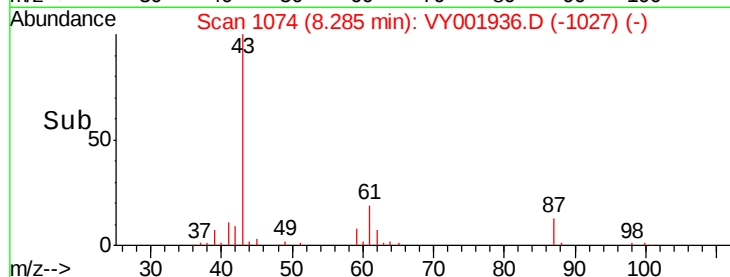
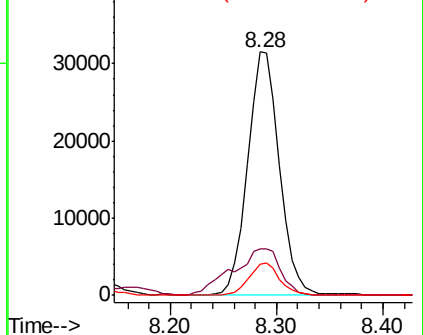
#43
Isopropyl Acetate
Concen: 20.998 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 43 Resp: 66370
Ion Ratio Lower Upper
43 100
61 28.6 23.8 35.6
87 12.7 10.9 16.3

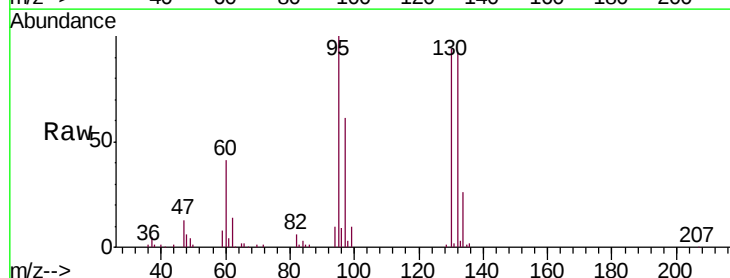


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

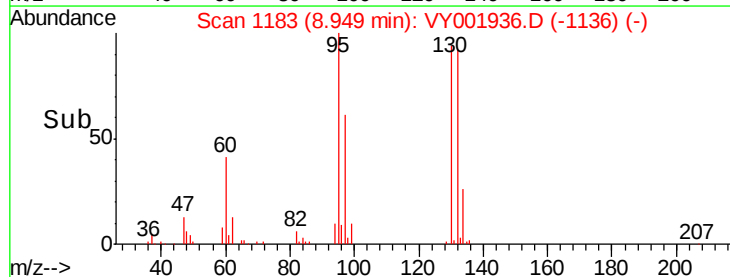
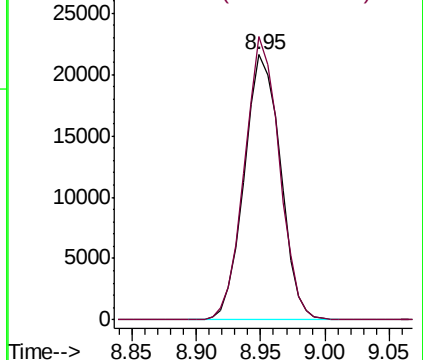


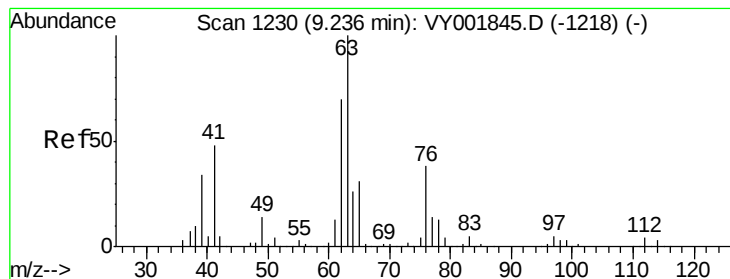
#44
Trichloroethene
Concen: 20.302 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 130 Resp: 42096
Ion Ratio Lower Upper
130 100
95 106.7 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.871 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

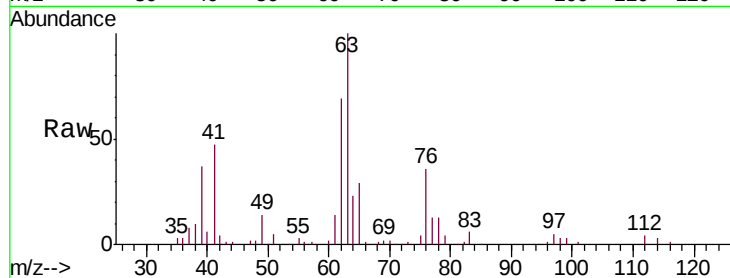
VY0311SBS01

Tgt Ion: 63 Resp: 44669

Ion Ratio Lower Upper

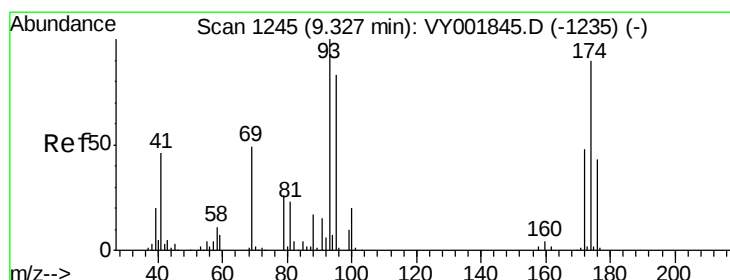
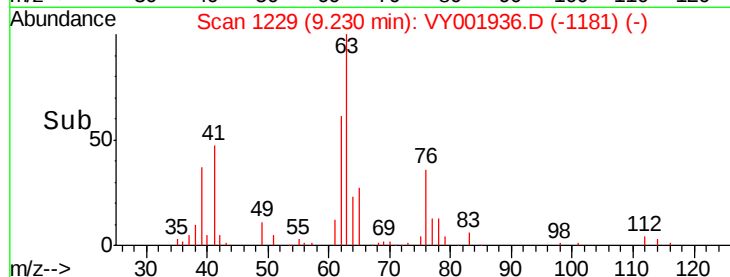
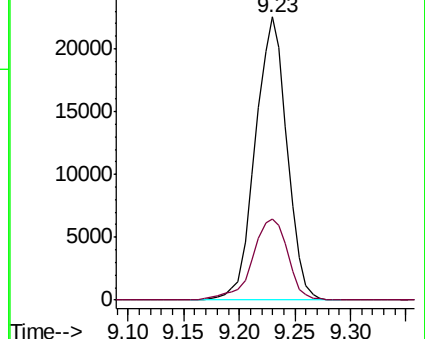
63 100

65 28.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.205 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

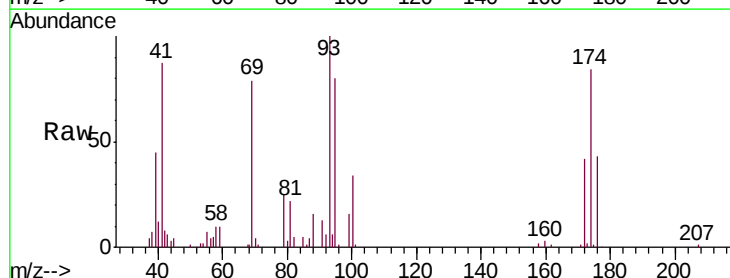
Tgt Ion: 93 Resp: 23388

Ion Ratio Lower Upper

93 100

95 80.9 67.0 100.4

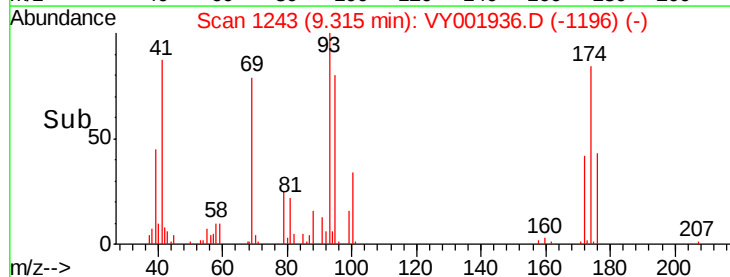
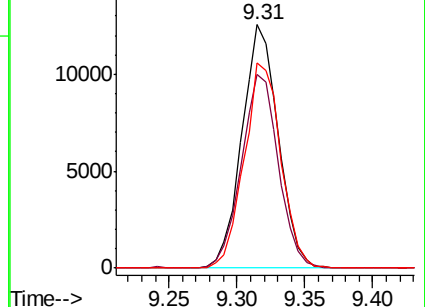
174 85.3 71.8 107.8

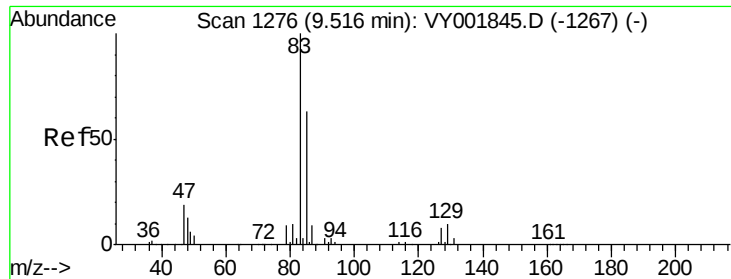


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.325 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

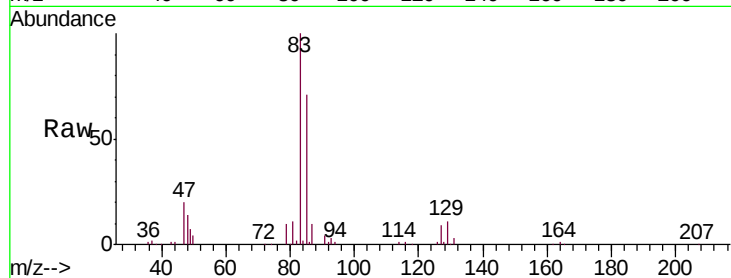
Tgt Ion: 83 Resp: 52147

Ion Ratio Lower Upper

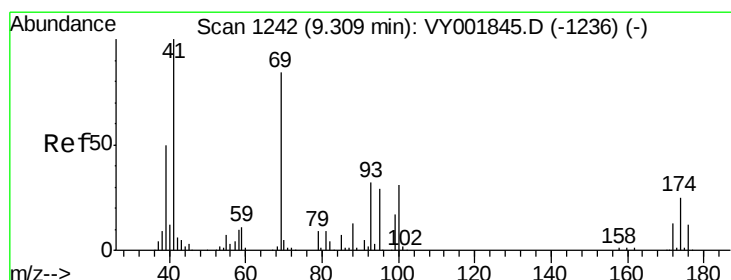
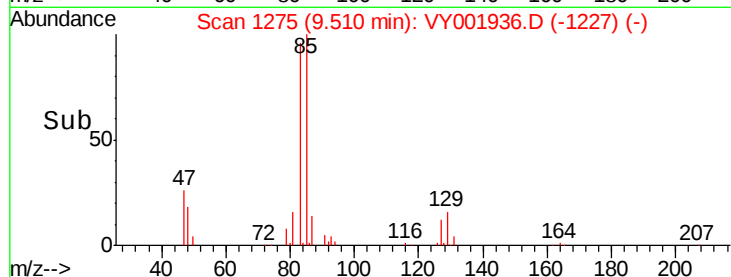
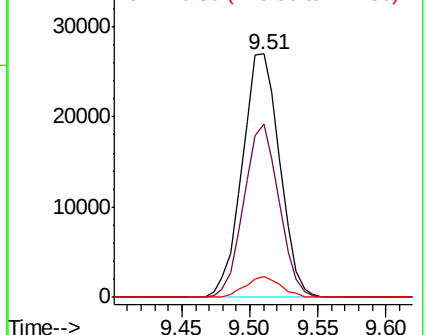
83 100

85 71.2 50.6 76.0

127 8.6 6.2 9.4



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: 21.450 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

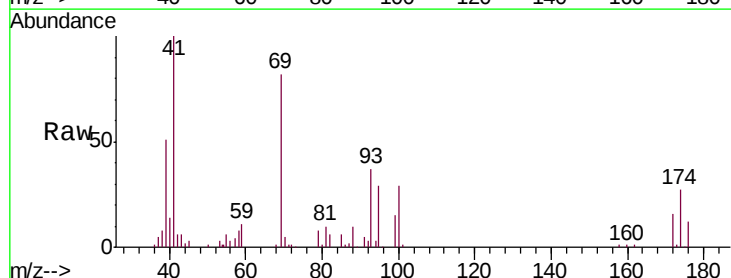
Tgt Ion: 41 Resp: 30085

Ion Ratio Lower Upper

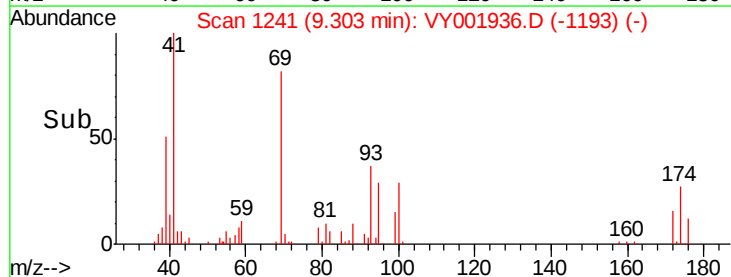
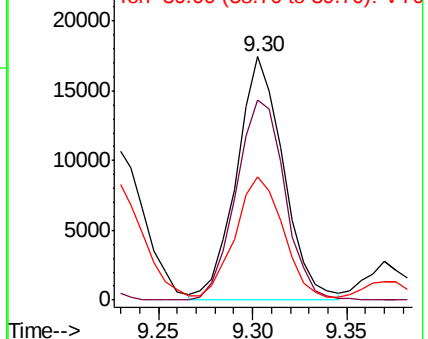
41 100

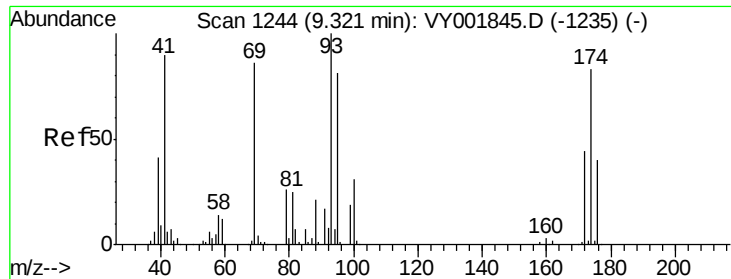
69 85.4 69.0 103.6

39 50.5 39.1 58.7



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

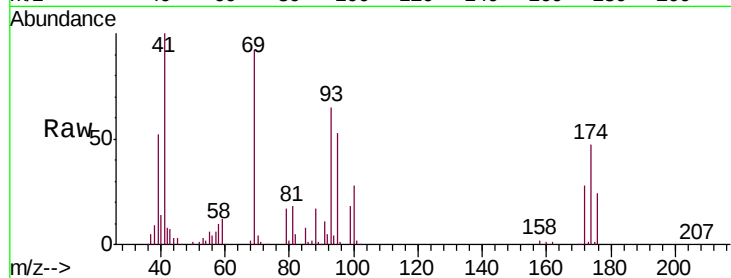




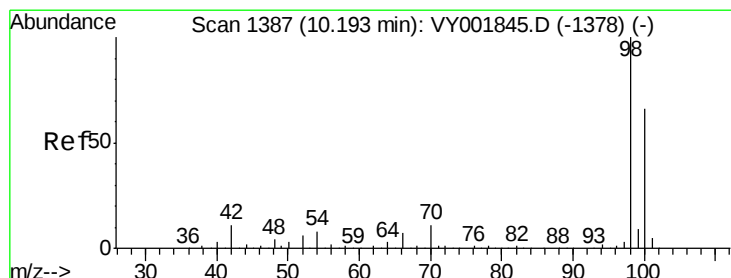
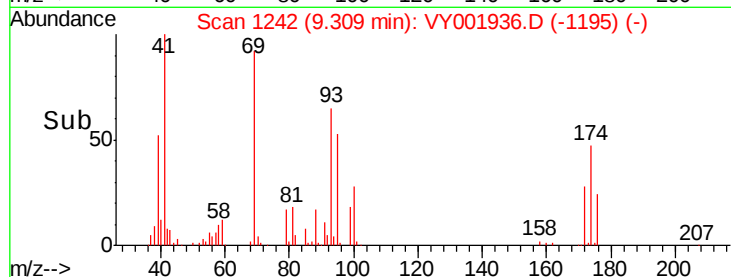
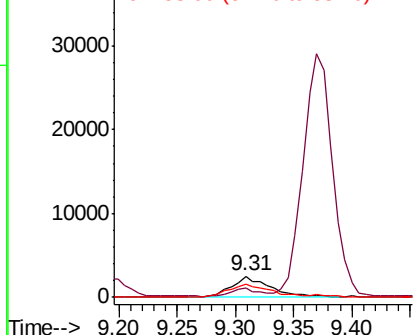
#49
1,4-Dioxane
Concen: 384.374 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 88 Resp: 5809
Ion Ratio Lower Upper
88 100
43 31.8 25.0 37.6
58 74.2 58.9 88.3

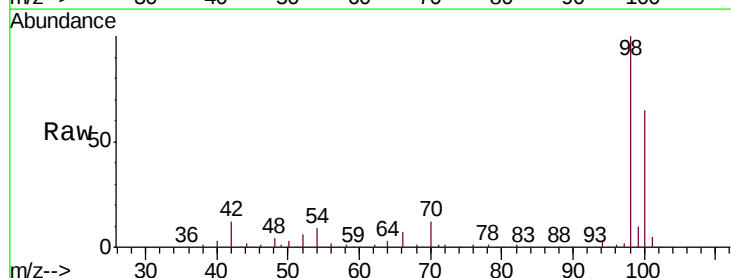


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

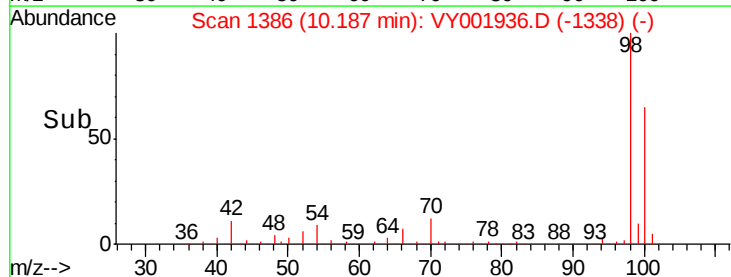
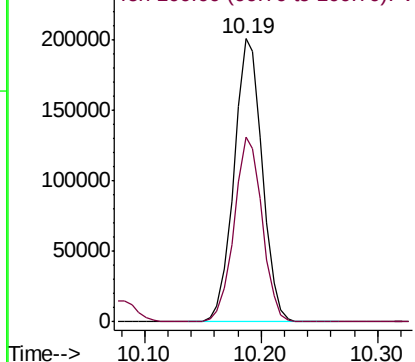


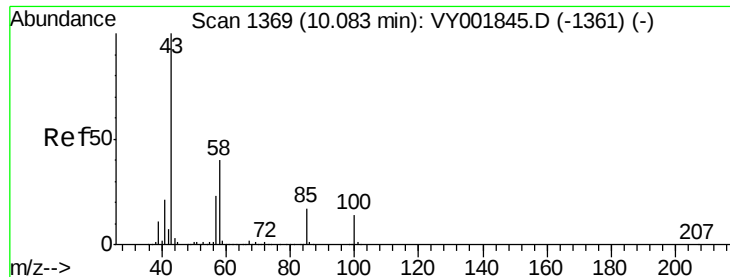
#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 98 Resp: 338356
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 107.359 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampled :

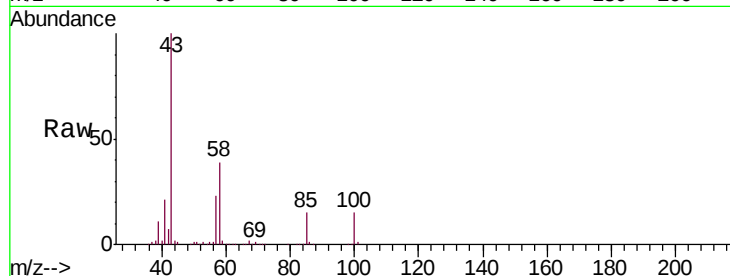
VY0311SBS01

Tgt Ion: 43 Resp: 174784

Ion Ratio Lower Upper

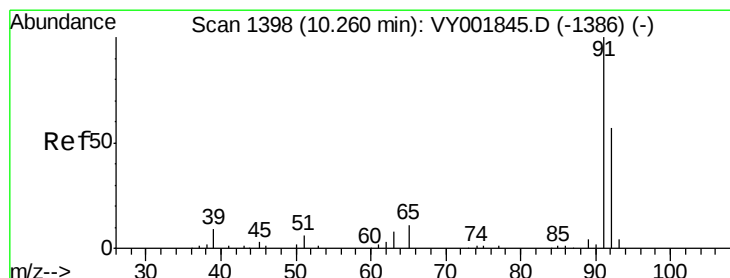
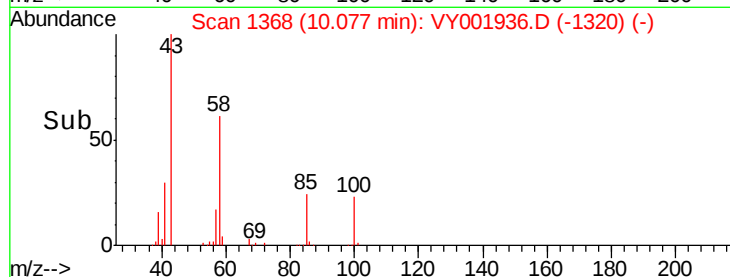
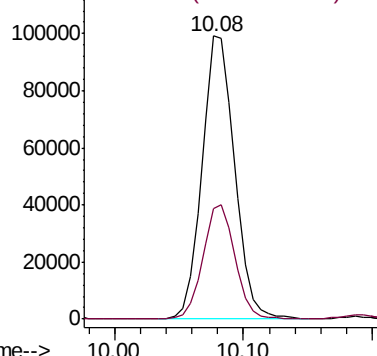
43 100

58 39.4 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.649 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001936.D

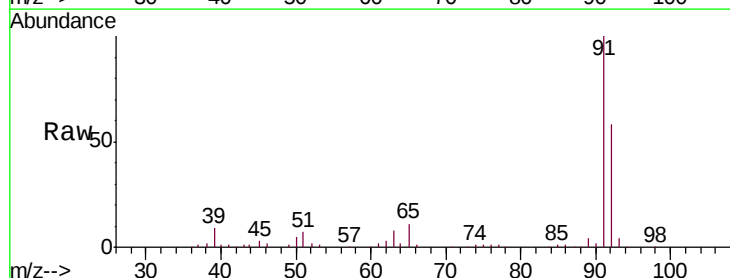
Acq: 11 Mar 2020 12:36

Tgt Ion: 92 Resp: 106798

Ion Ratio Lower Upper

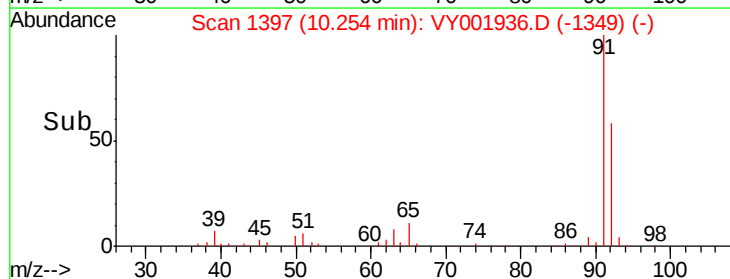
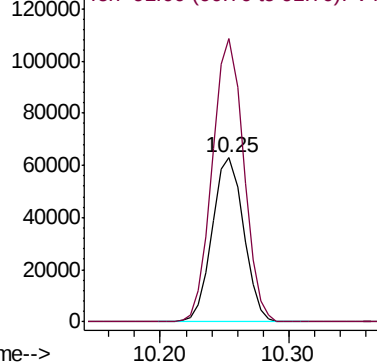
92 100

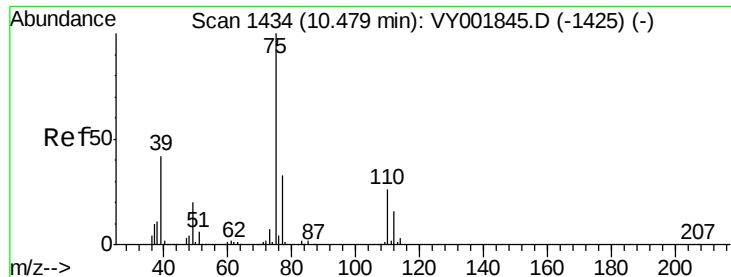
91 171.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.831 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

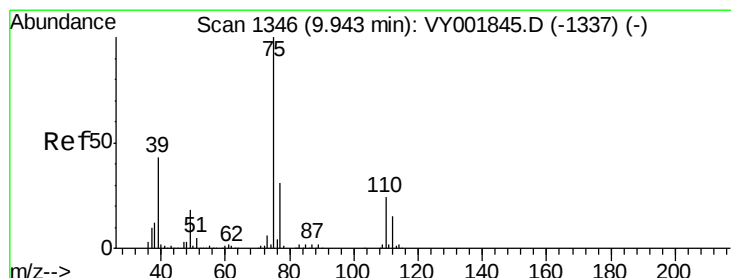
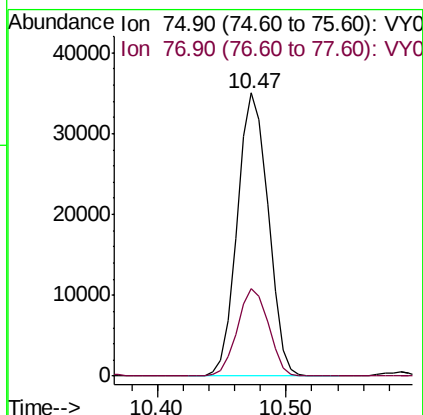
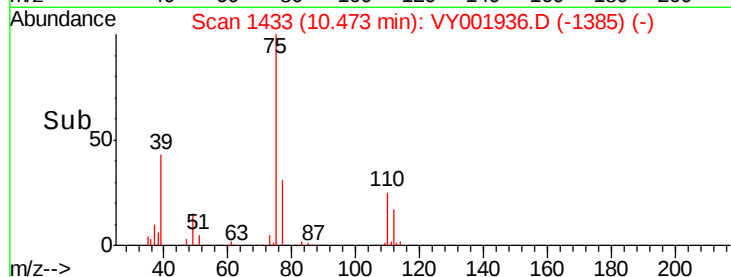
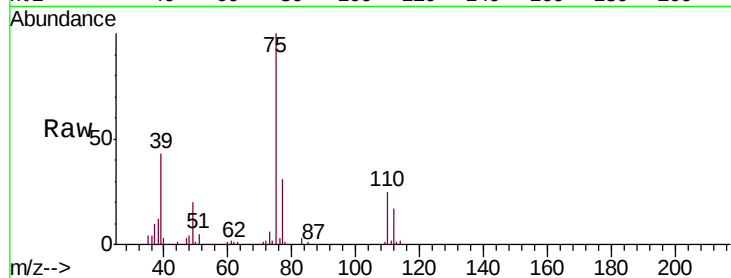
VY0311SBS01

Tgt Ion: 75 Resp: 58228

Ion Ratio Lower Upper

75 100

77 31.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.381 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

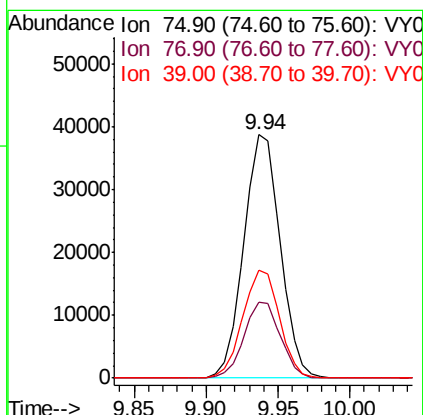
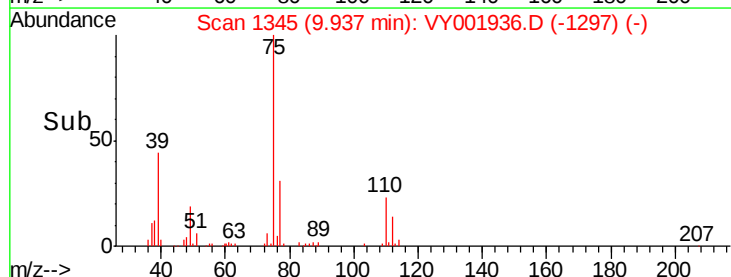
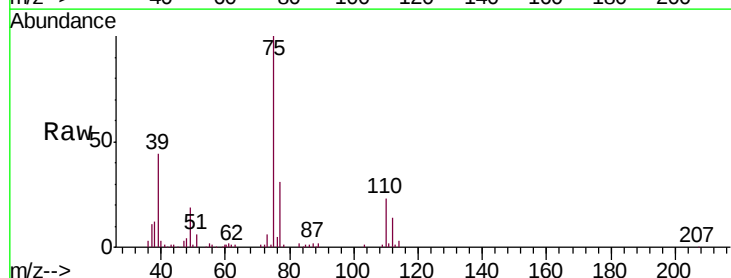
Tgt Ion: 75 Resp: 67819

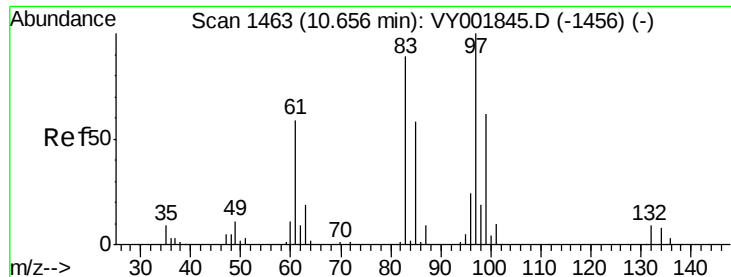
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 44.3 34.7 52.1

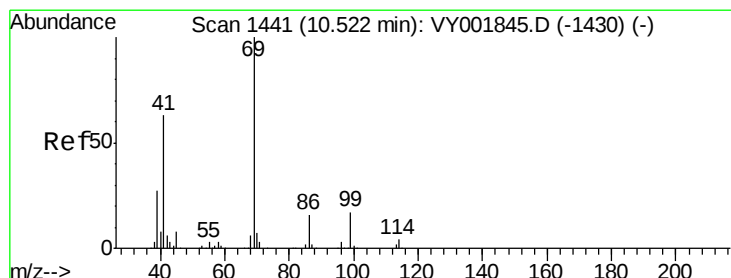
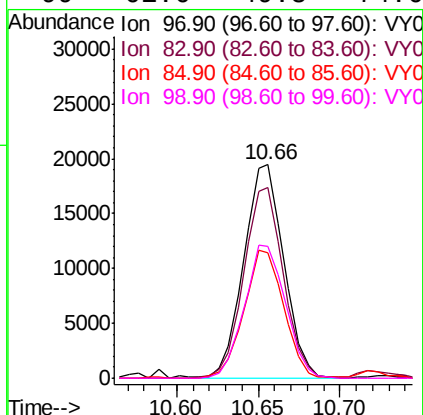
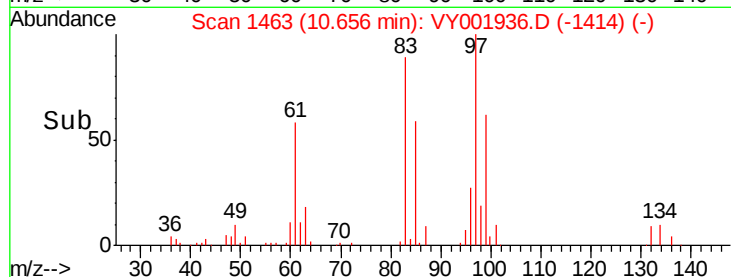
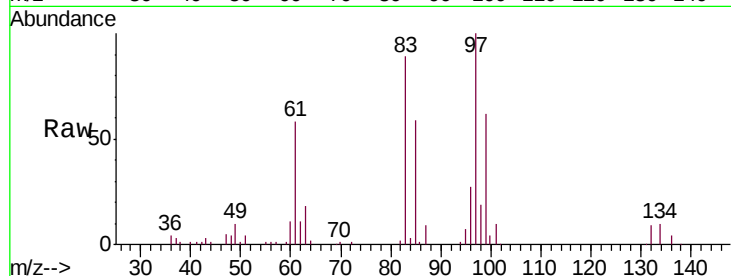




#55
1,1,2-Trichloroethane
Concen: 20.656 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

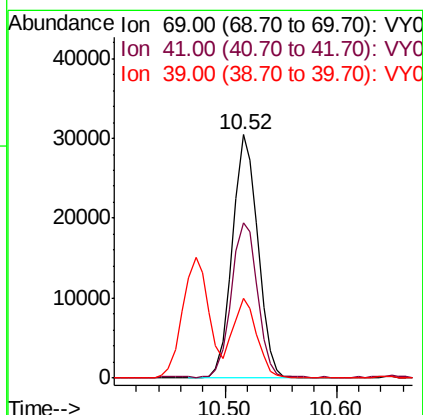
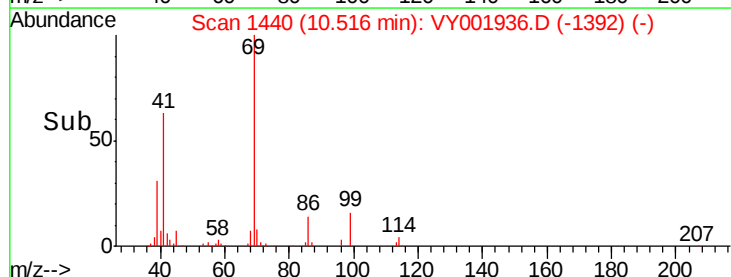
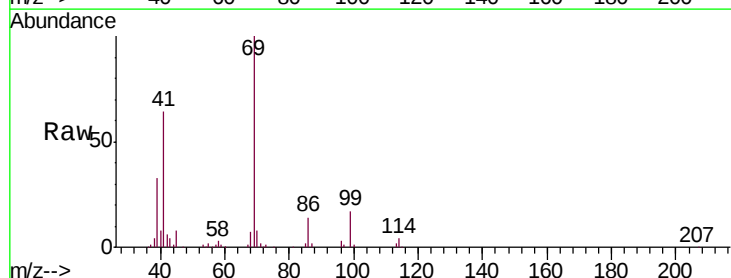
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 97 Resp: 33342
Ion Ratio Lower Upper
97 100
83 89.3 71.6 107.4
85 58.9 46.6 69.8
99 61.6 49.8 74.6



#56
Ethyl methacrylate
Concen: 20.464 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 69 Resp: 48417
Ion Ratio Lower Upper
69 100
41 65.1 49.9 74.9
39 31.0 23.0 34.6

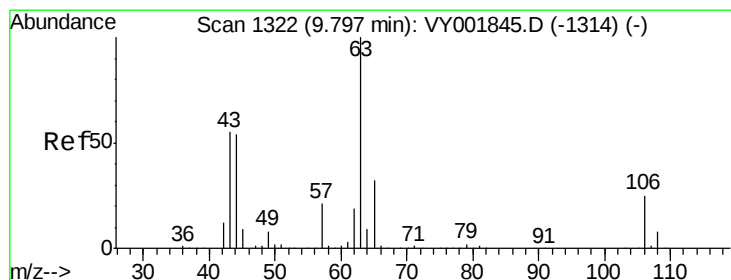
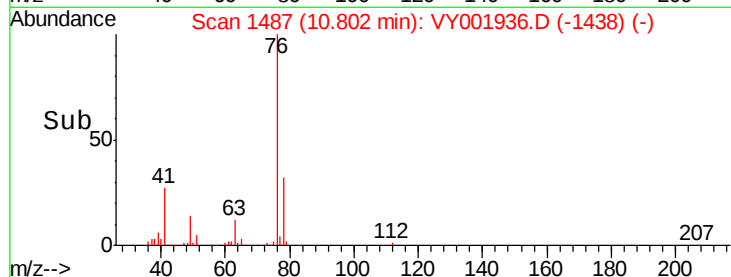
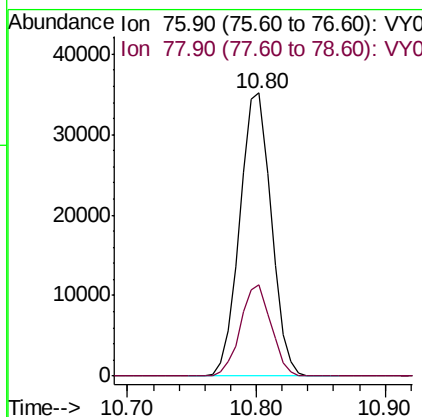
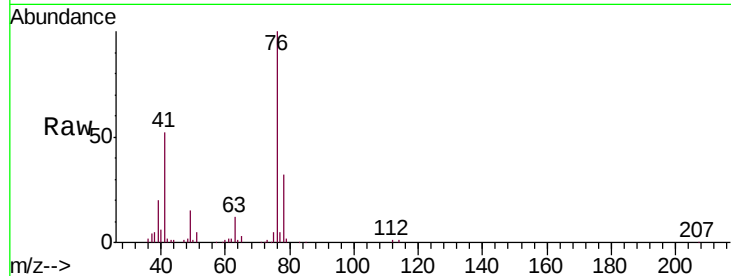




#57
 1,3-Dichloropropane
 Concen: 20.701 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

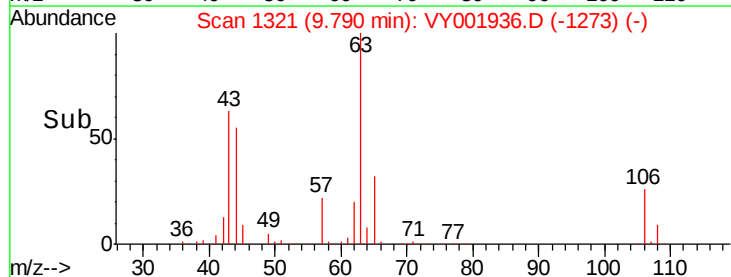
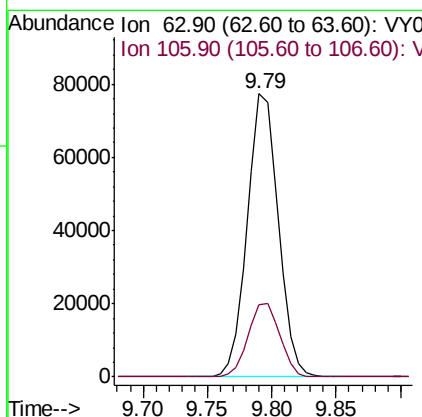
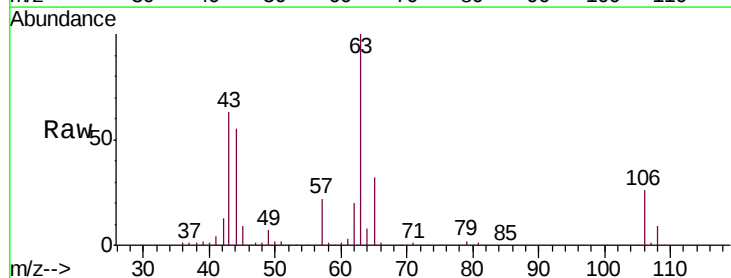
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

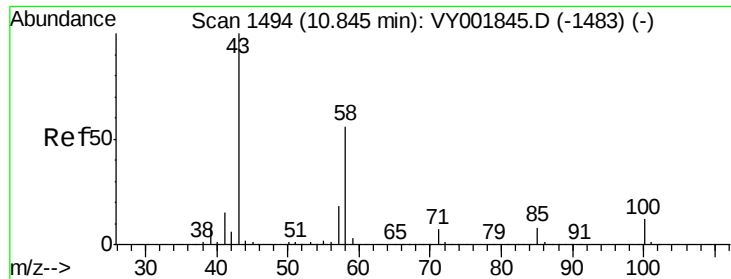
Tgt Ion: 76 Resp: 59561
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 140.928 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 63 Resp: 128157
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

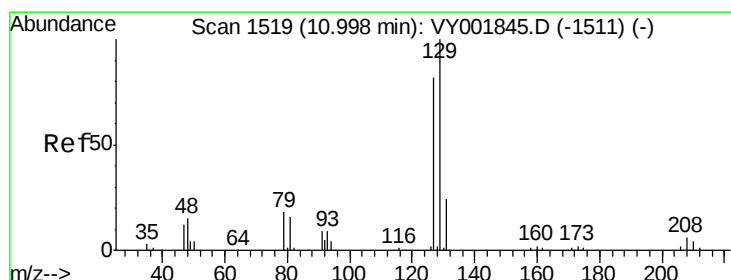
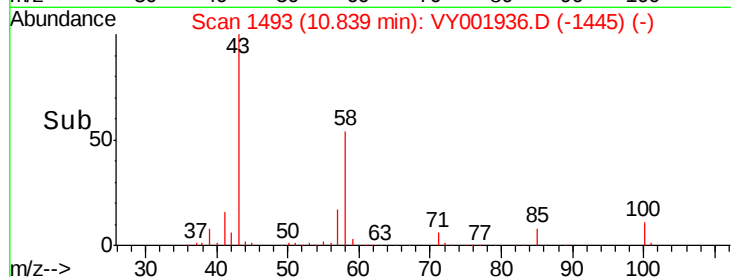
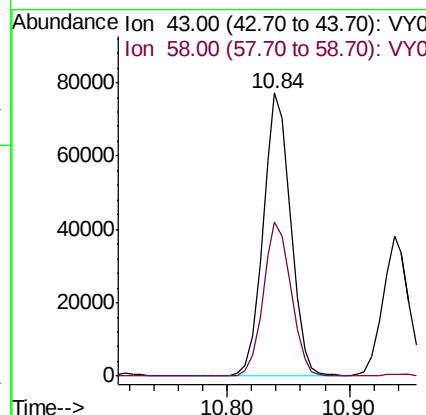
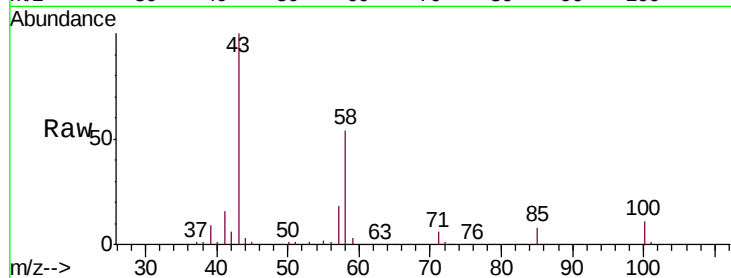




#59
2-Hexanone
Concen: 103.688 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

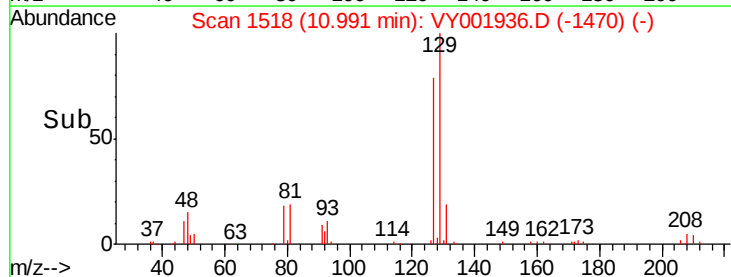
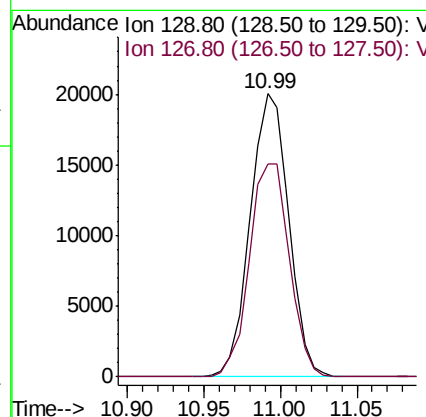
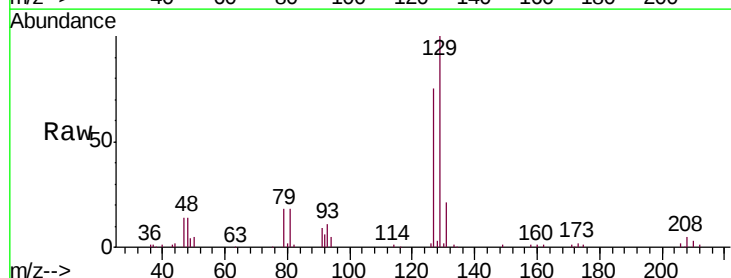
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion: 43 Resp: 120487
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 20.647 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 129 Resp: 35118
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

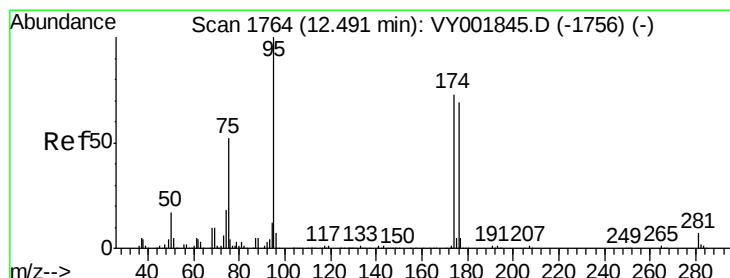
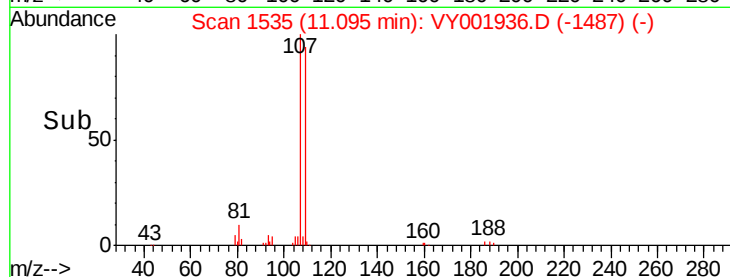
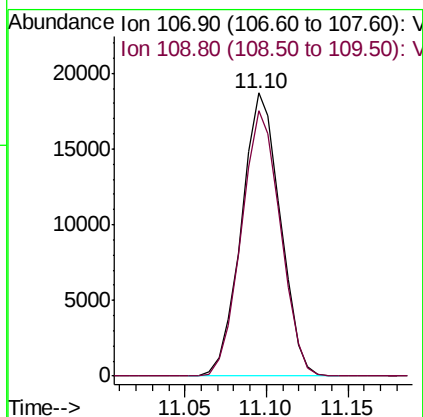
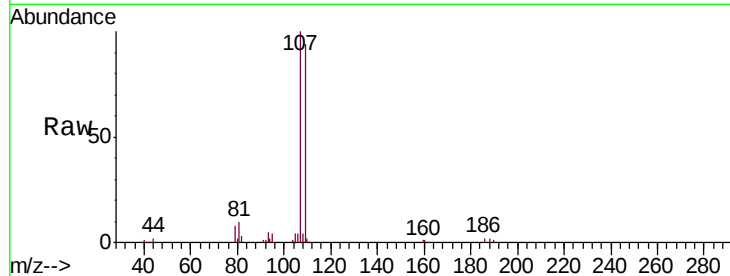




#61
 1,2-Dibromoethane
 Concen: 20.310 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

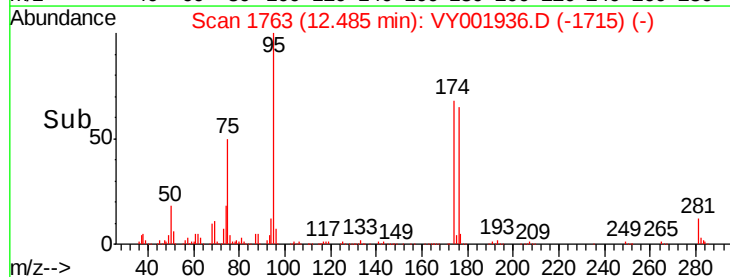
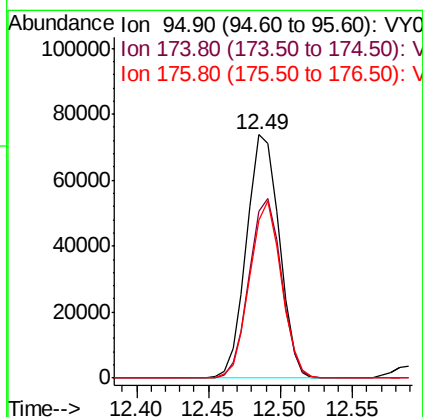
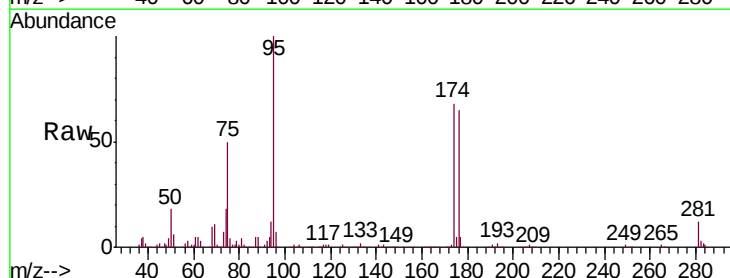
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

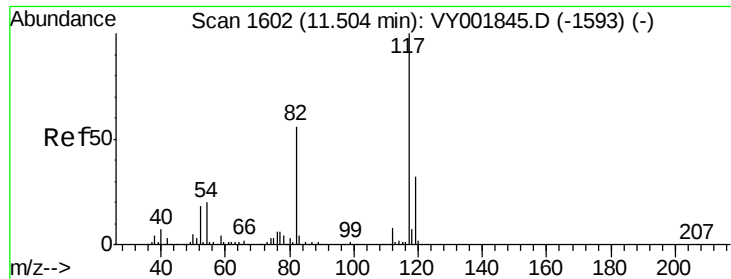
Tgt Ion: 107 Resp: 31053
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 48.696 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 95 Resp: 116377
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 145.0
 176 70.1 0.0 137.4

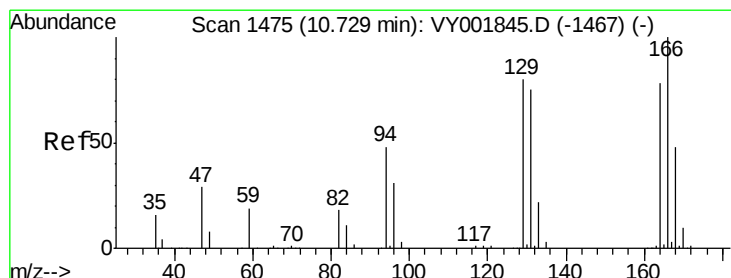
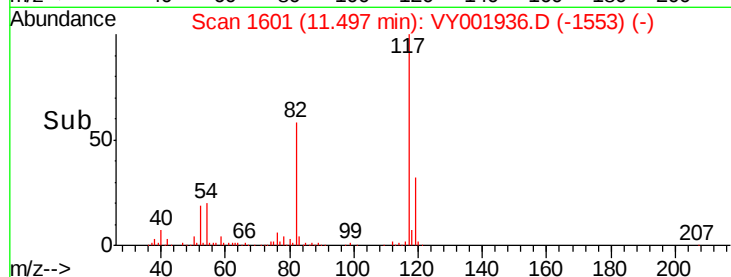
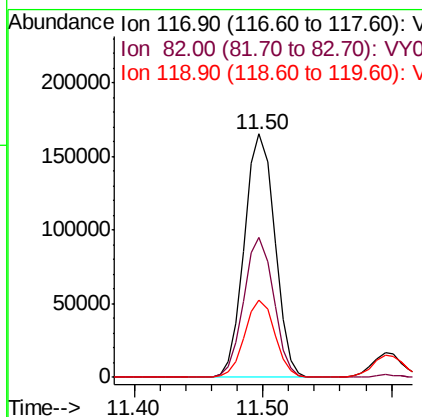
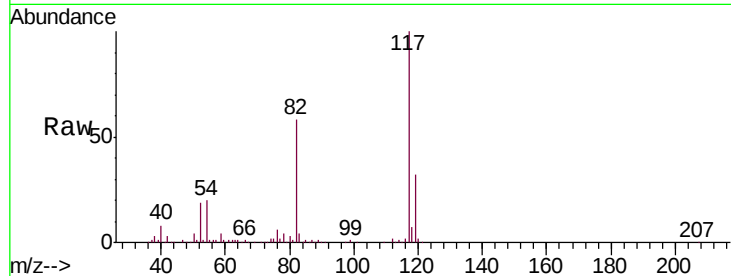




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

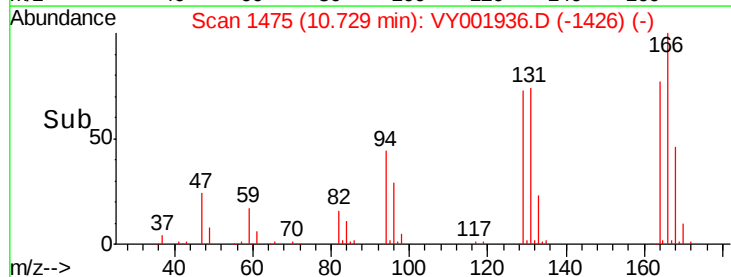
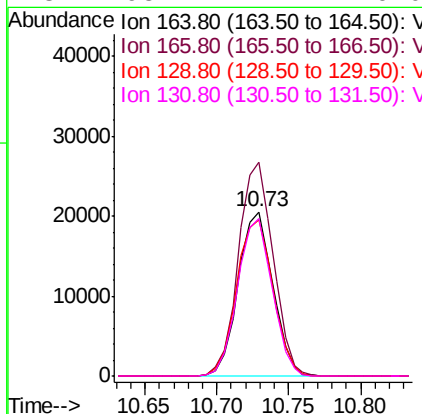
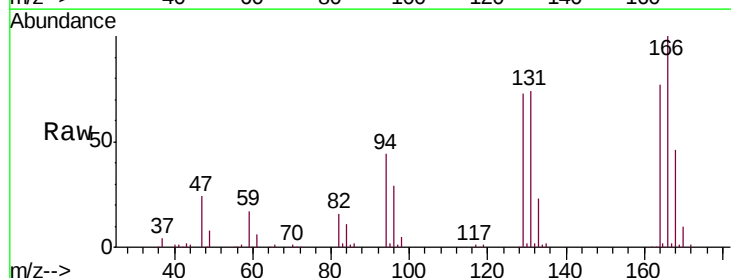
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

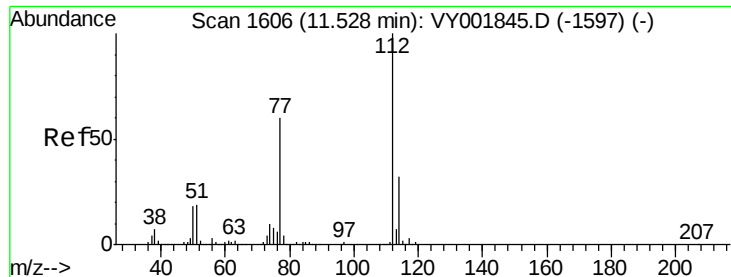
Tgt Ion:117 Resp: 270118
Ion Ratio Lower Upper
117 100
82 57.6 44.5 66.7
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 20.241 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:164 Resp: 34288
Ion Ratio Lower Upper
164 100
166 129.9 102.6 154.0
129 95.3 82.3 123.5
131 95.7 77.4 116.0

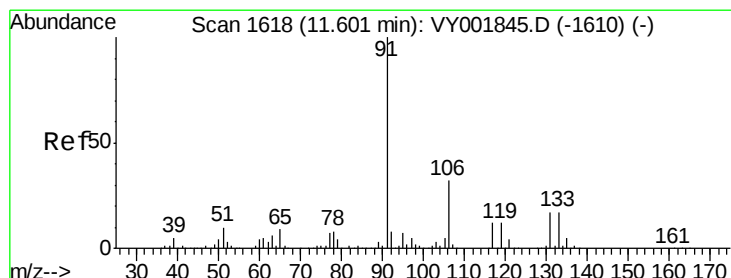
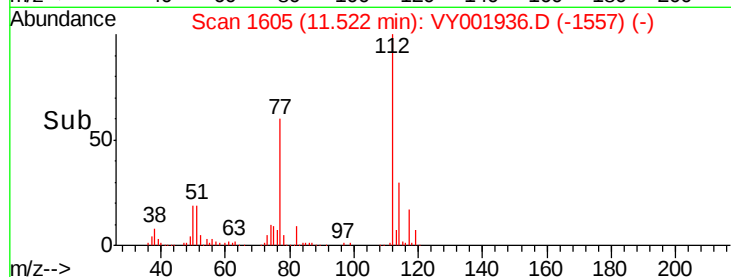
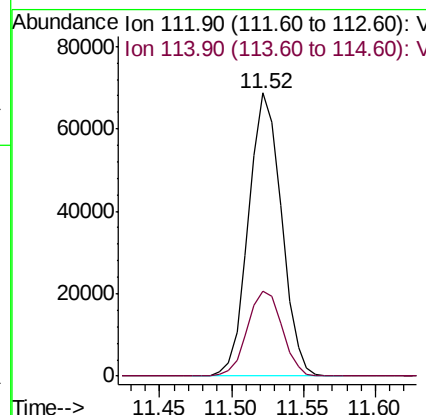
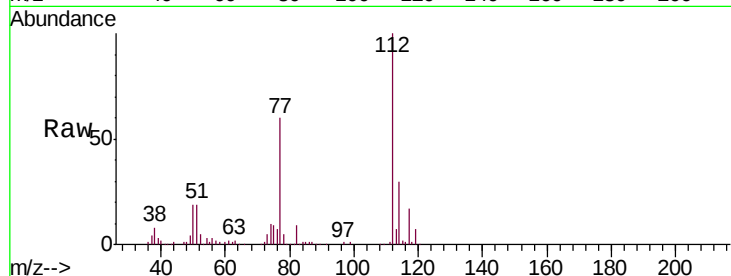




#65
Chlorobenzene
Concen: 20.175 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

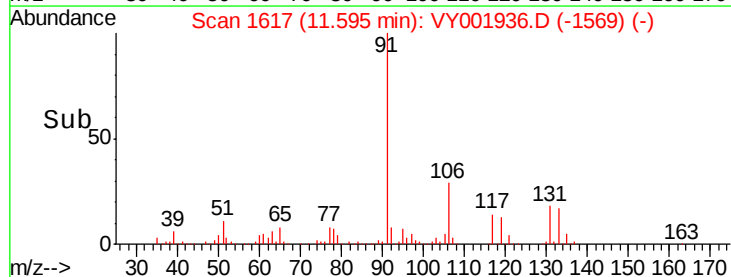
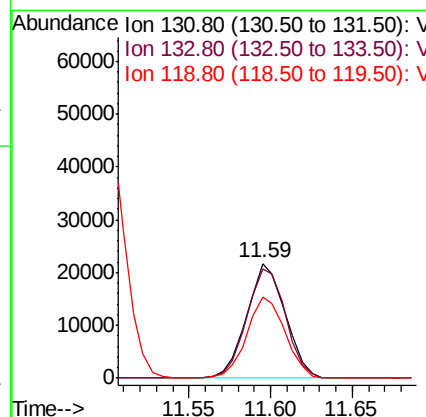
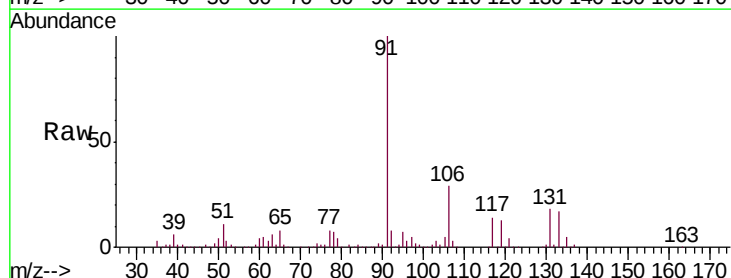
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

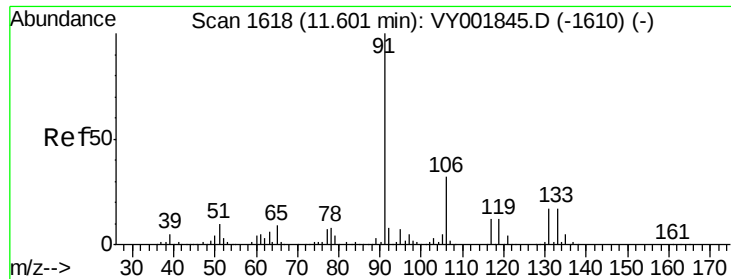
Tgt Ion:112 Resp: 108587
Ion Ratio Lower Upper
112 100
114 30.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.263 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:131 Resp: 35765
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 70.1 34.5 103.6

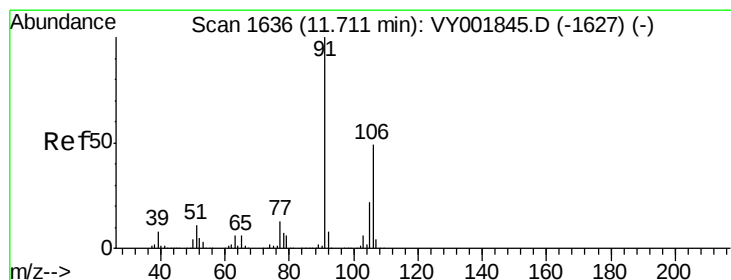
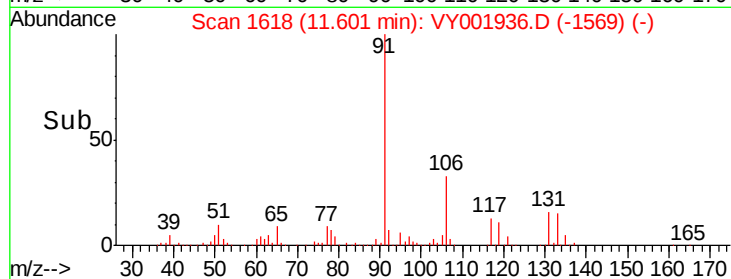
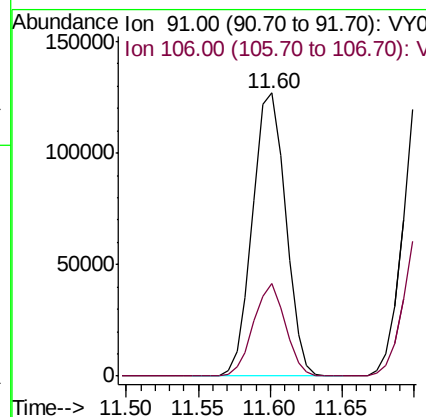
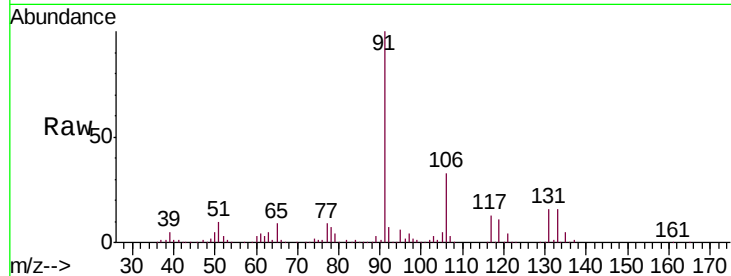




#67
Ethyl Benzene
Concen: 20.126 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

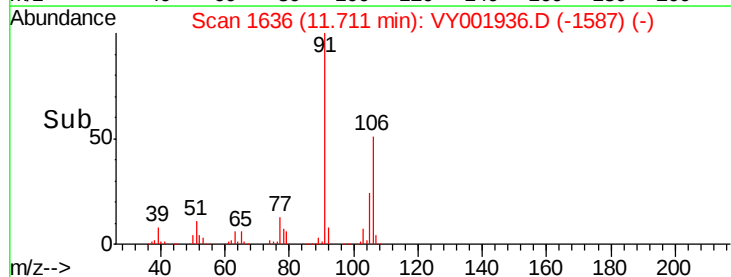
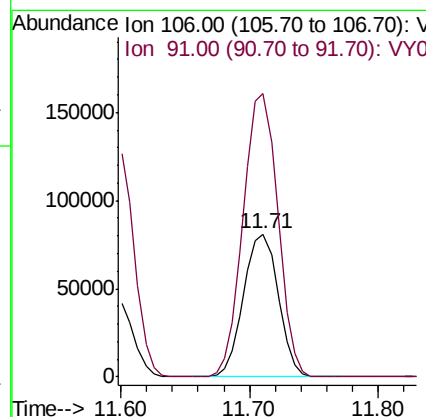
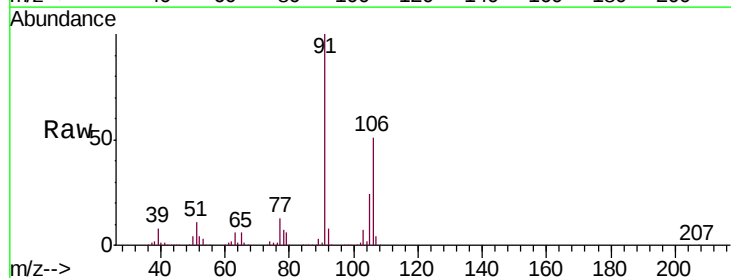
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

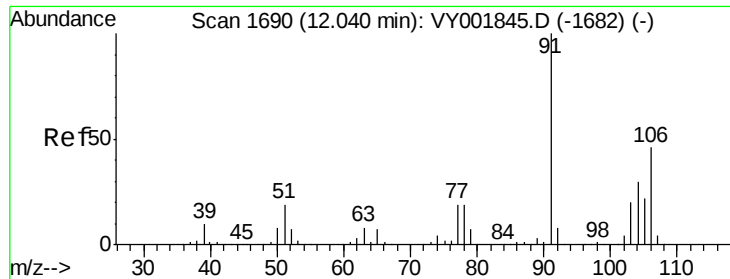
Tgt Ion: 91 Resp: 202017
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2



#68
m/p-Xylenes
Concen: 40.888 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 106 Resp: 151740
Ion Ratio Lower Upper
106 100
91 198.1 161.3 241.9

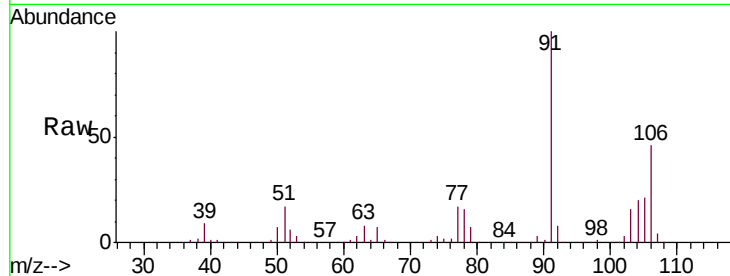




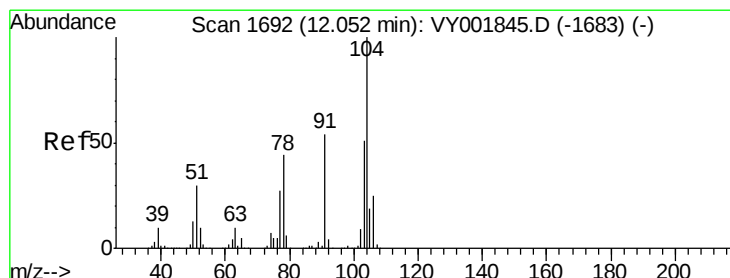
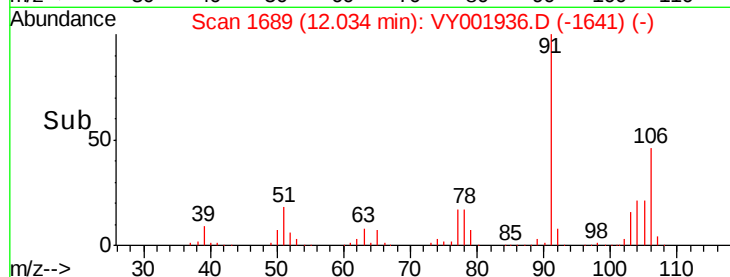
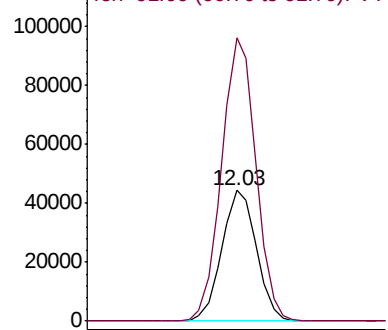
#69
o-Xylene
Concen: 20.076 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion:106 Resp: 70220
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4

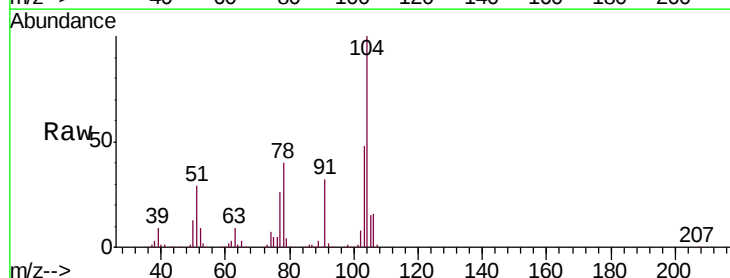


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

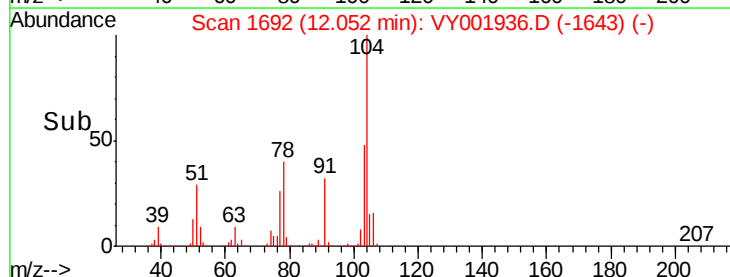
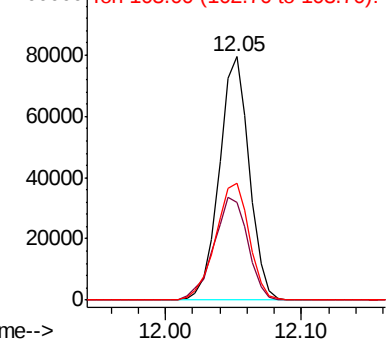


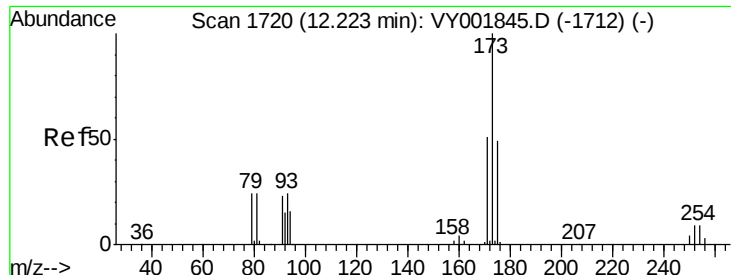
#70
Styrene
Concen: 20.488 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:104 Resp: 122739
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.0 42.9 64.3



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

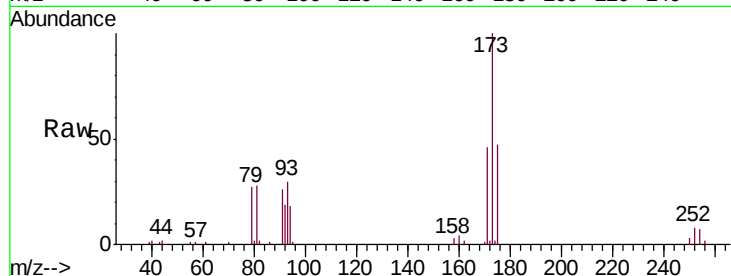




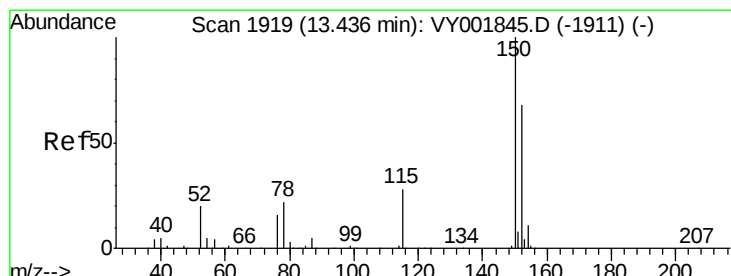
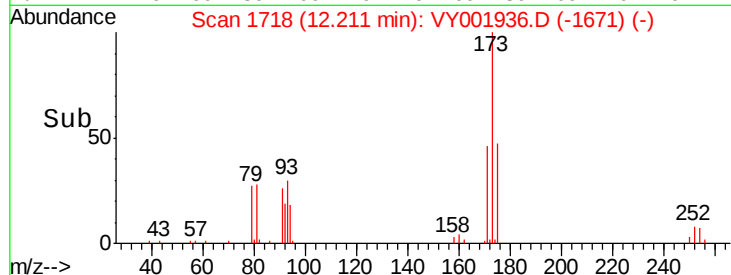
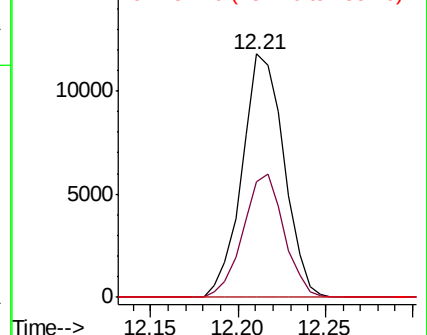
#71
Bromoform
Concen: 20.467 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion:173 Resp: 19591
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.0 0.0 0.0

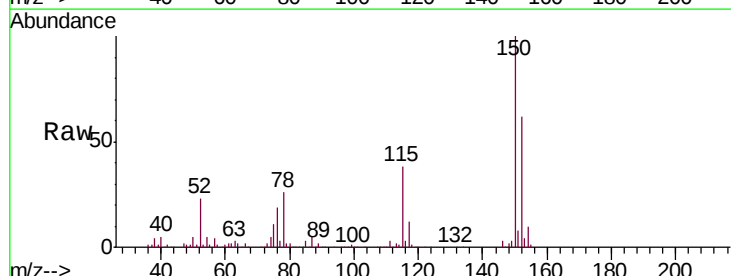


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

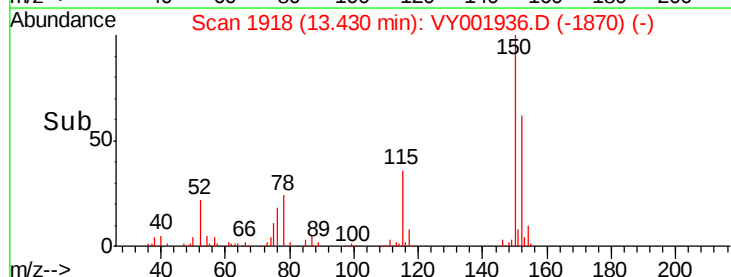
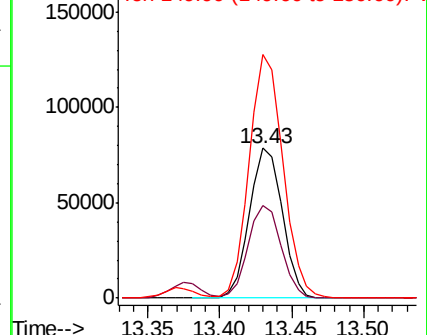


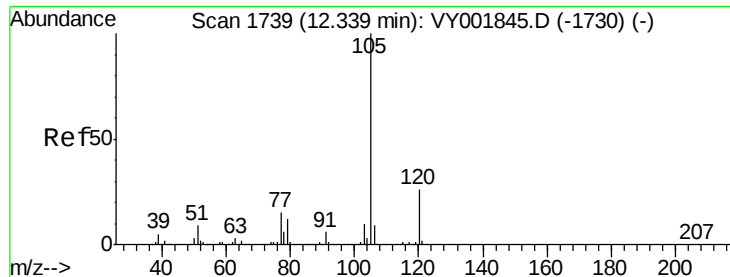
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:152 Resp: 124111
Ion Ratio Lower Upper
152 100
115 62.0 29.9 89.7
150 167.0 0.0 340.6



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





#73

Isopropylbenzene

Concen: 20.136 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

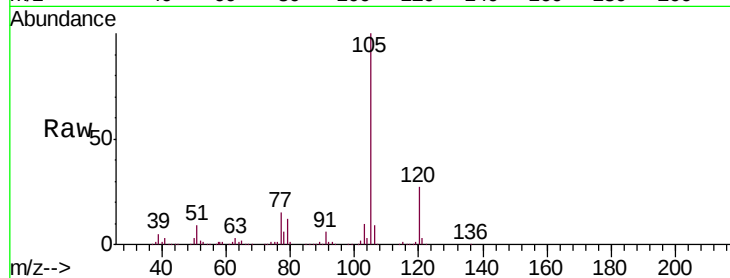
VY0311SBS01

Tgt Ion: 105 Resp: 190774

Ion Ratio Lower Upper

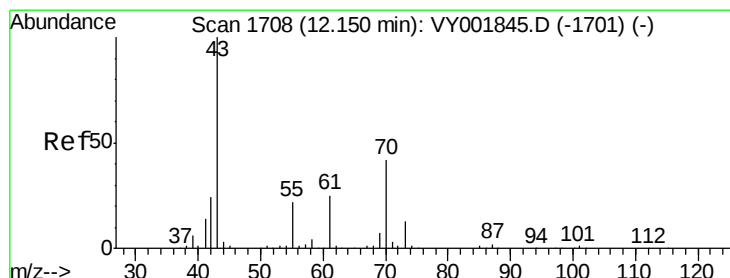
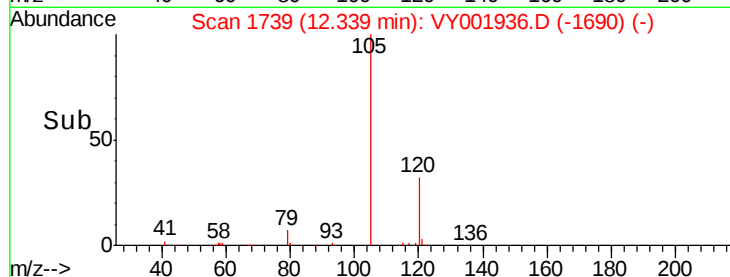
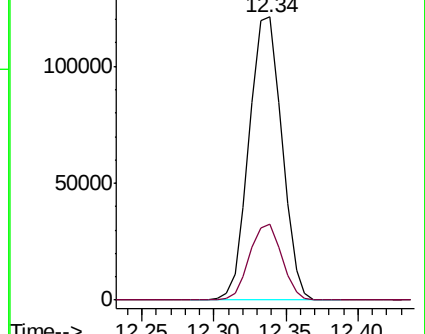
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.299 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Tgt Ion: 43 Resp: 59107

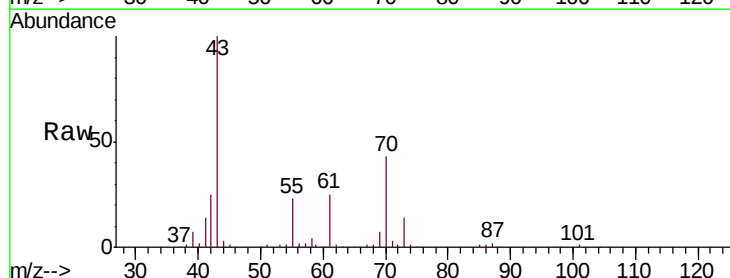
Ion Ratio Lower Upper

43 100

70 43.1 34.7 52.1

55 23.1 18.2 27.4

61 24.2 20.1 30.1

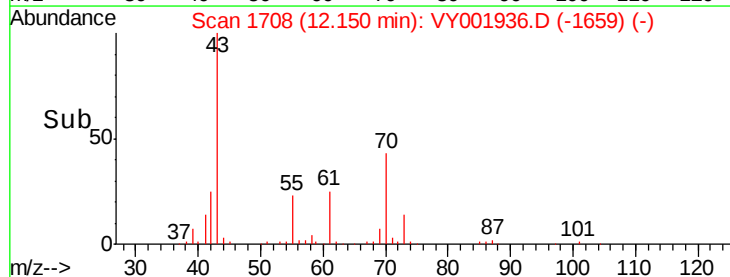
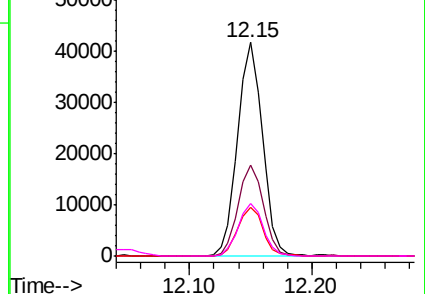


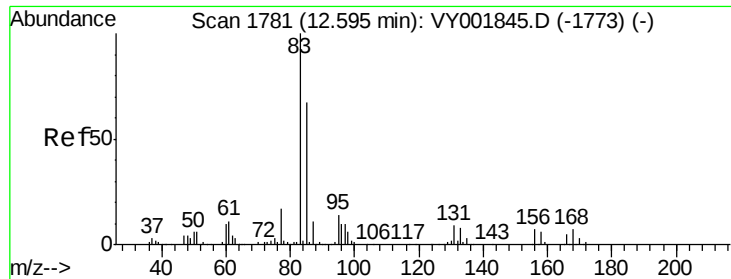
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.093 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

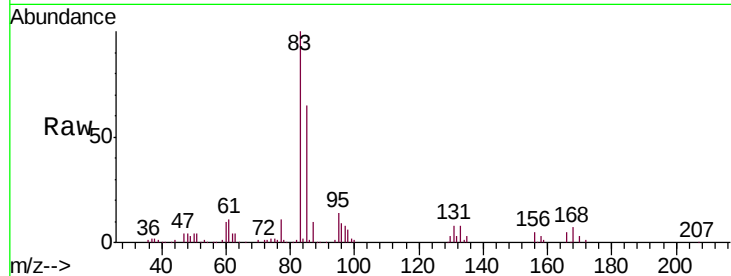
Tgt Ion: 83 Resp: 41052

Ion Ratio Lower Upper

83 100

131 8.9 4.6 13.8

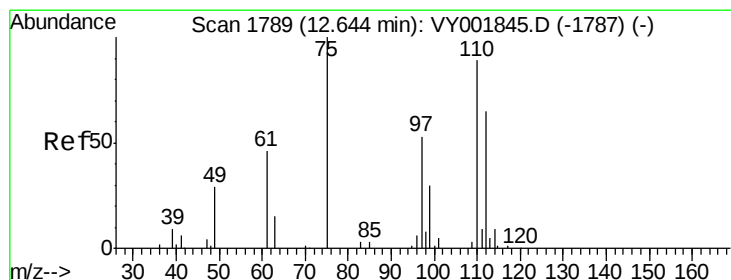
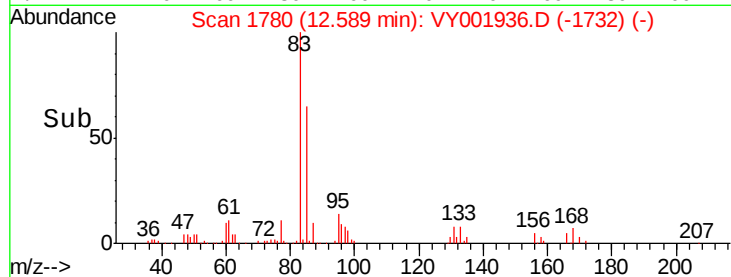
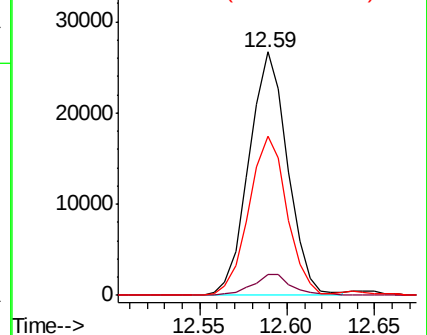
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.660 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001936.D

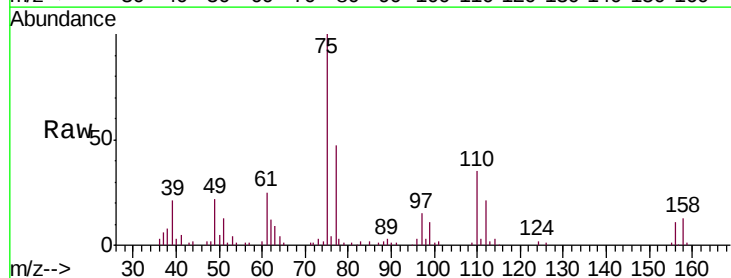
Acq: 11 Mar 2020 12:36

Tgt Ion: 75 Resp: 53988

Ion Ratio Lower Upper

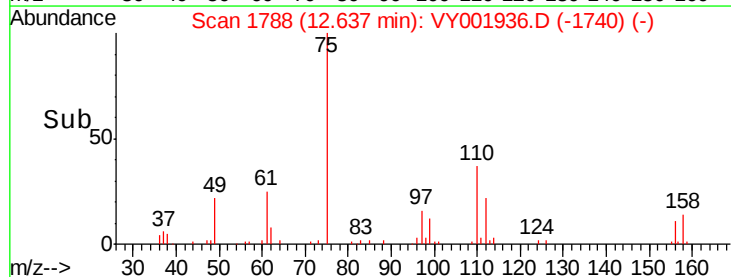
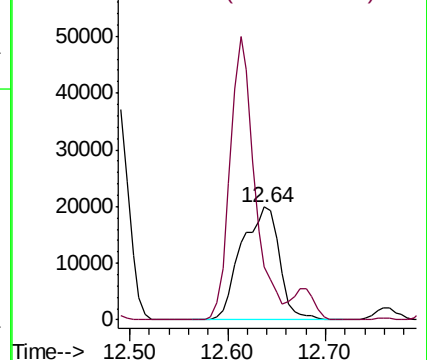
75 100

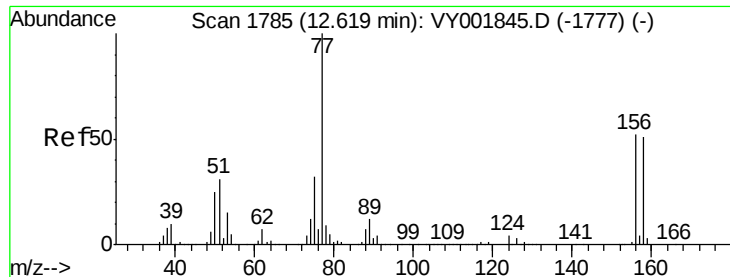
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.782 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

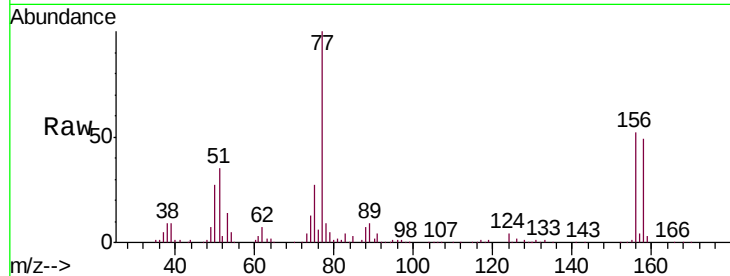
Tgt Ion:156 Resp: 41716

Ion Ratio Lower Upper

156 100

77 209.6 109.0 327.0

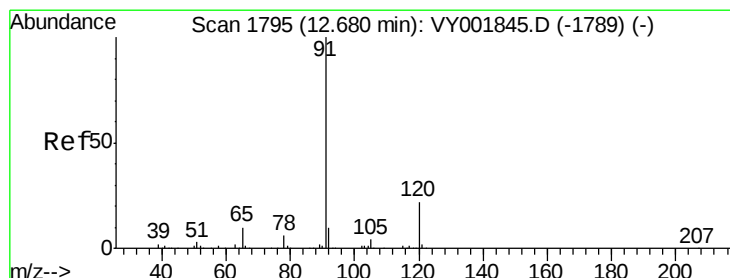
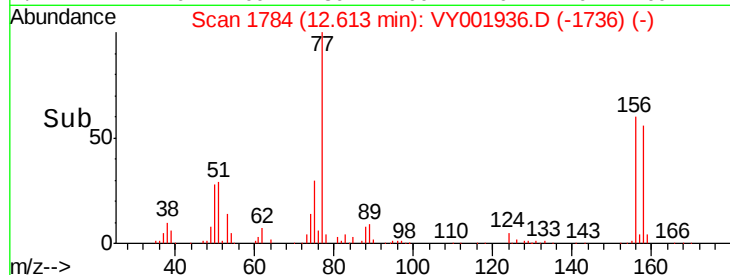
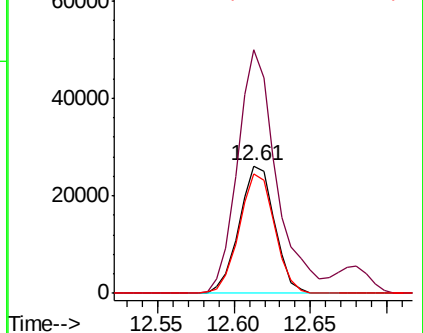
158 93.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.200 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001936.D

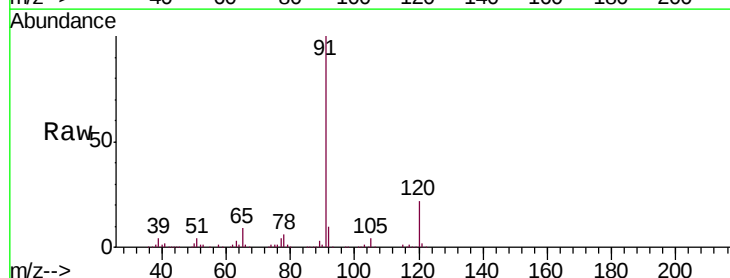
Acq: 11 Mar 2020 12:36

Tgt Ion: 91 Resp: 236105

Ion Ratio Lower Upper

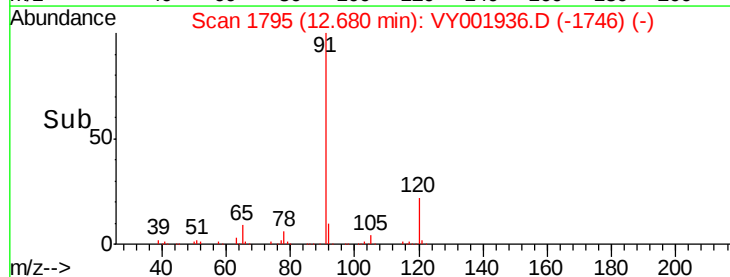
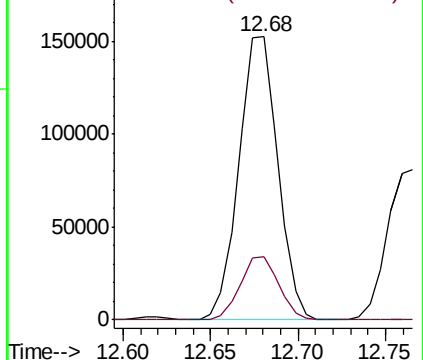
91 100

120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

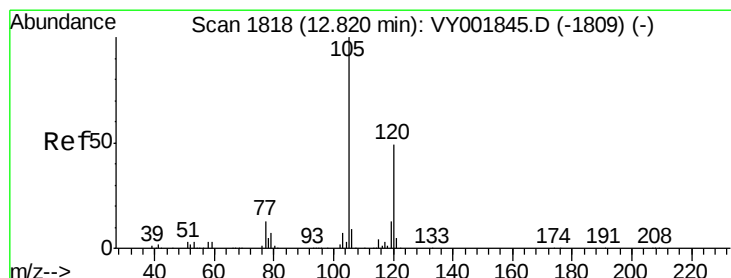
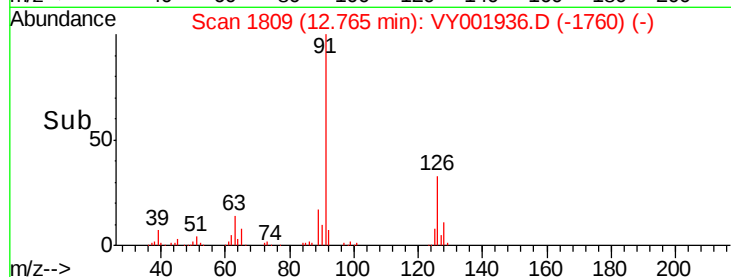
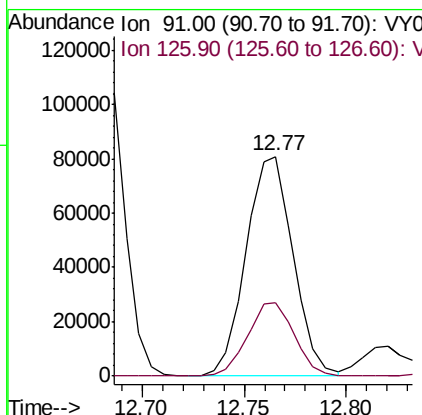
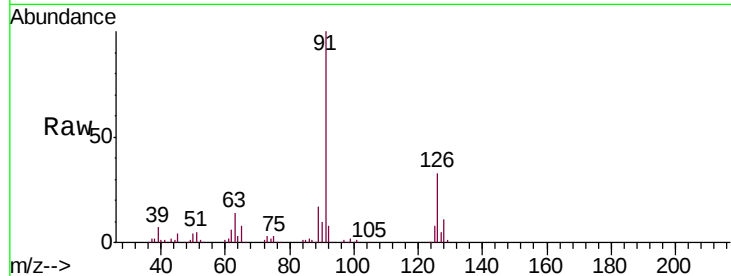




#79
 2-Chlorotoluene
 Concen: 20.014 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

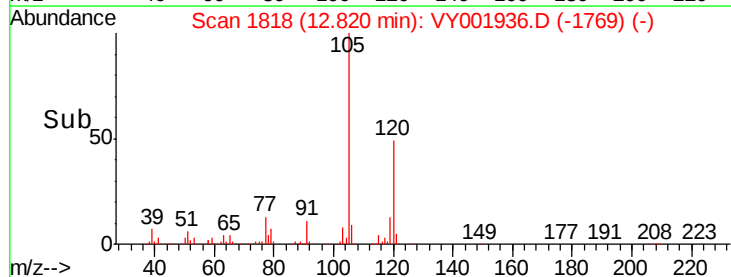
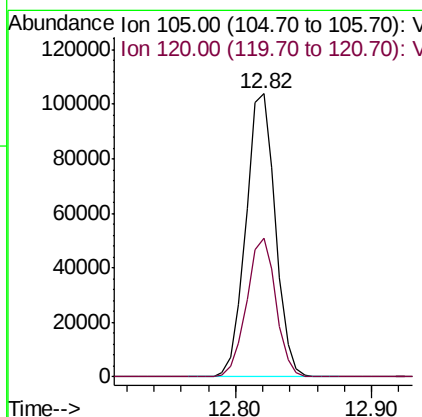
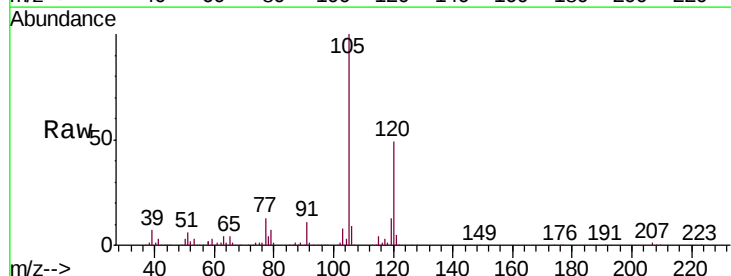
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

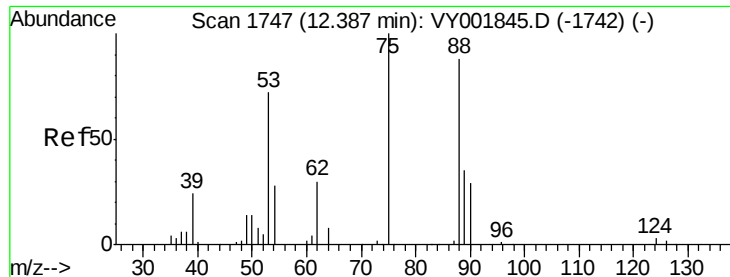
Tgt Ion: 91 Resp: 129247
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.172 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 105 Resp: 157335
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.806 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001936.D

Acq: 11 Mar 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBS01

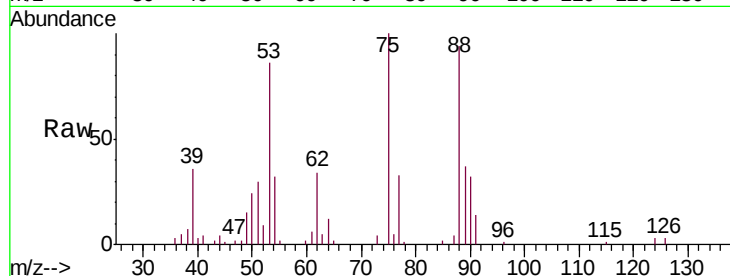
Tgt Ion: 75 Resp: 14440

Ion Ratio Lower Upper

75 100

53 83.7 65.4 98.0

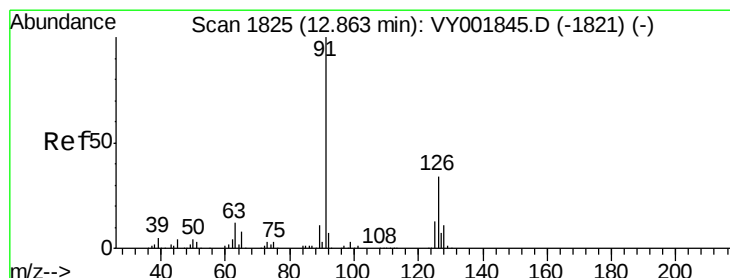
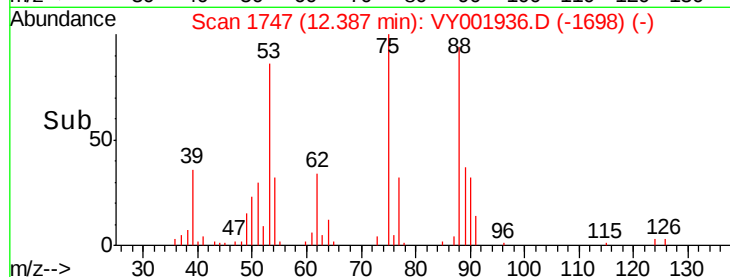
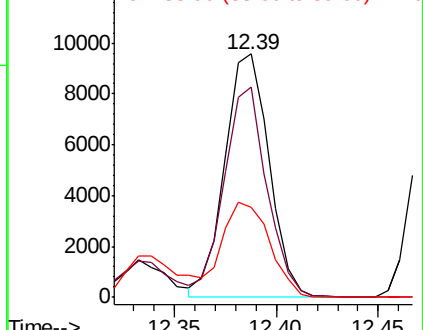
89 41.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.397 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001936.D

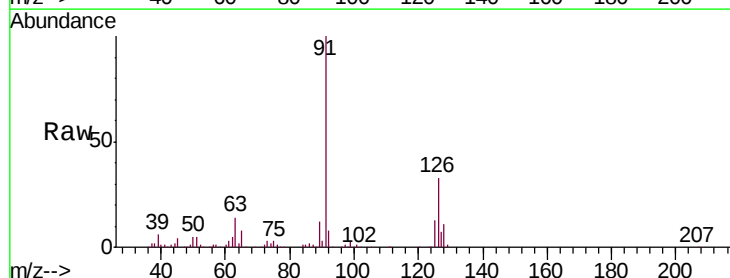
Acq: 11 Mar 2020 12:36

Tgt Ion: 91 Resp: 137143

Ion Ratio Lower Upper

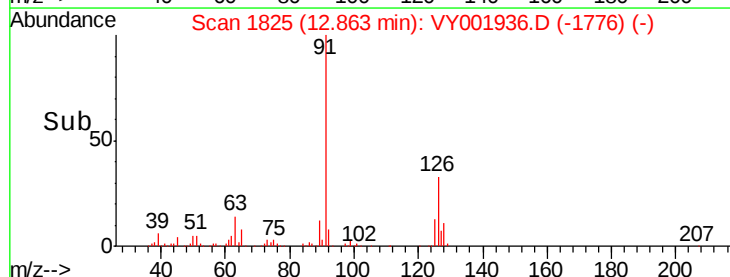
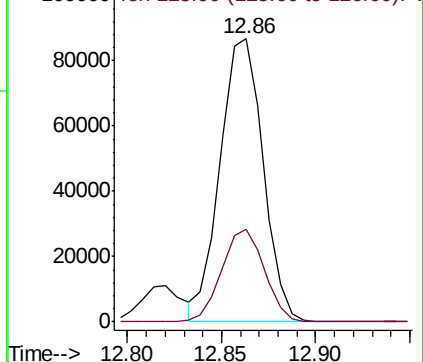
91 100

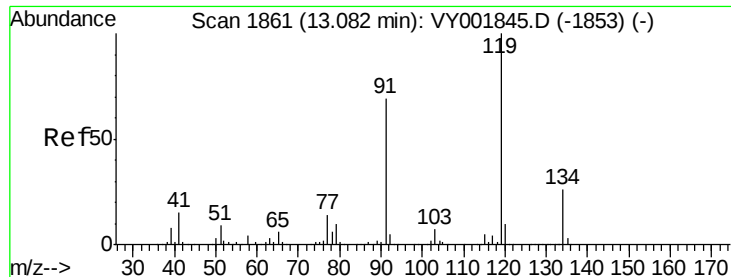
126 32.5 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

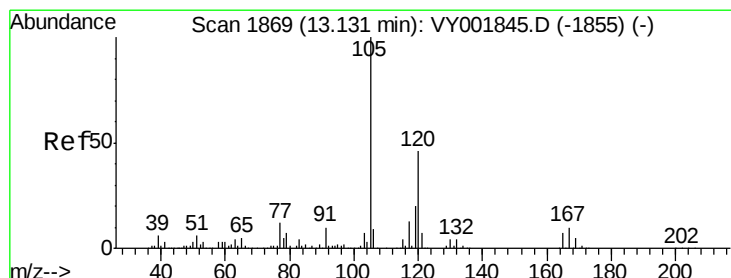
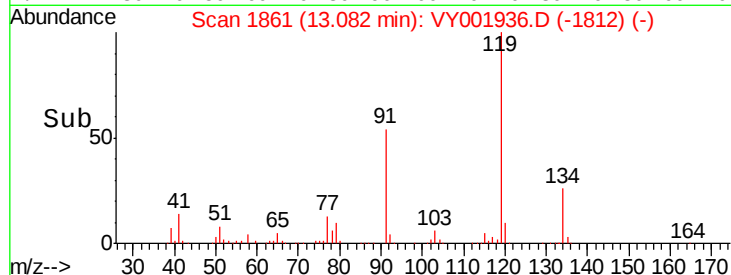
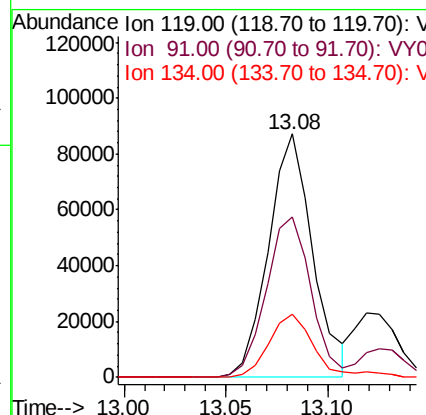
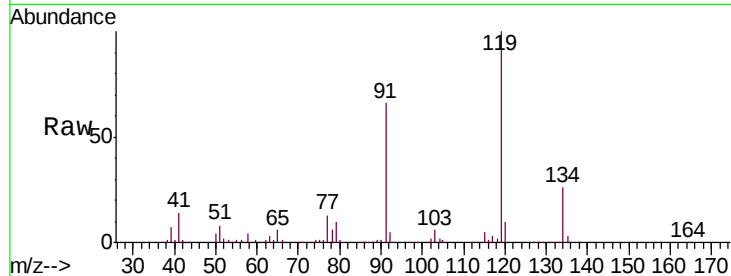




#83
 tert-Butylbenzene
 Concen: 20.316 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

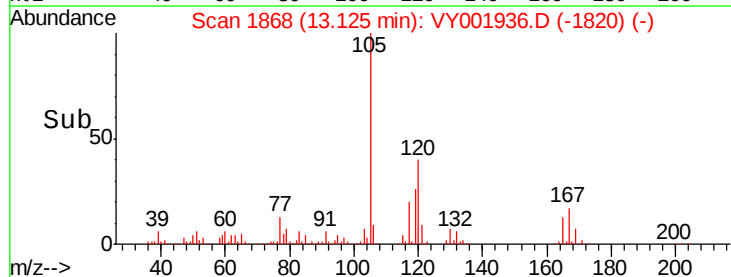
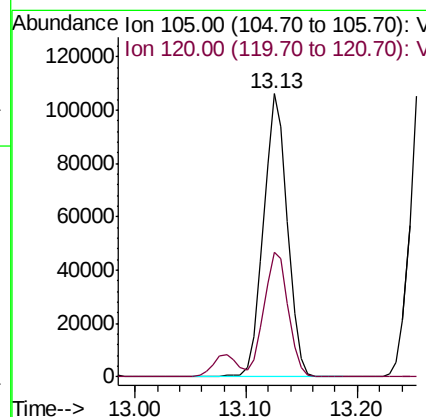
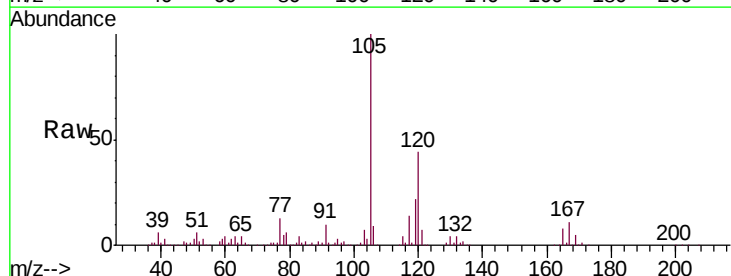
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

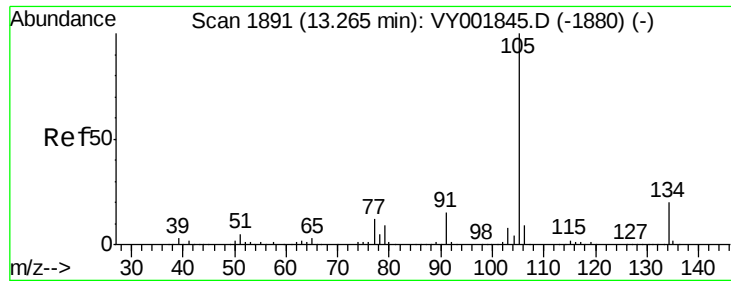
Tgt Ion:	119	Resp:	131609
Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.0	101.8
134	27.0	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.578 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion:	105	Resp:	159281
Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7

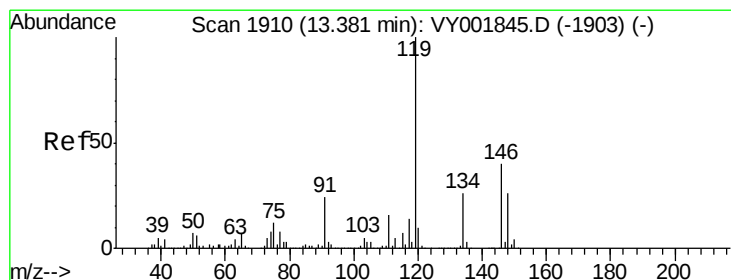
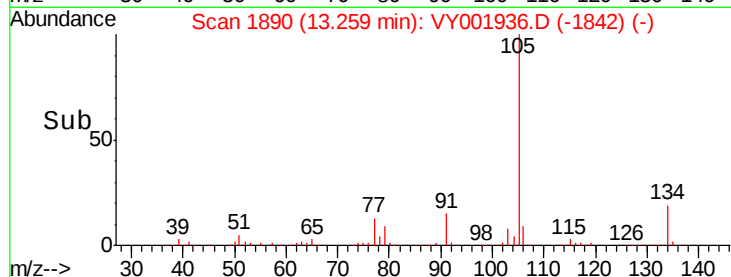
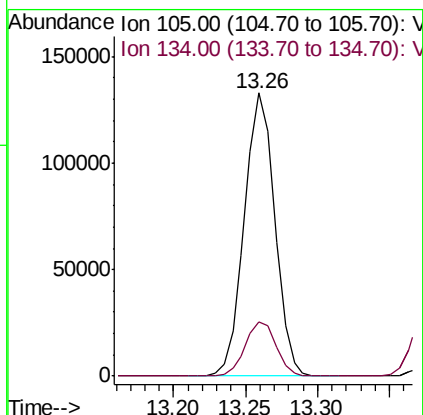
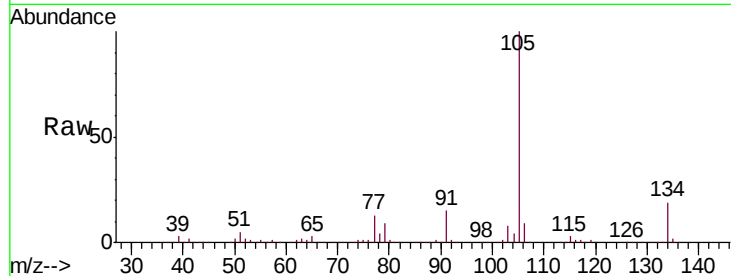




#85
 sec-Butylbenzene
 Concen: 20.412 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

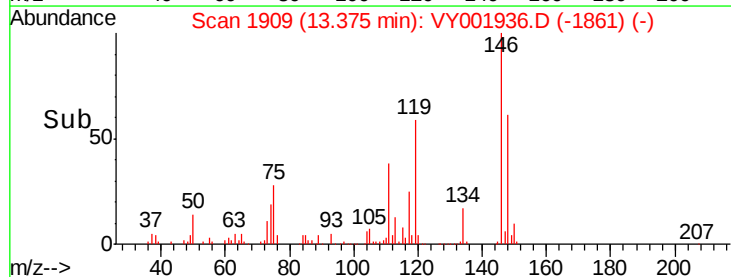
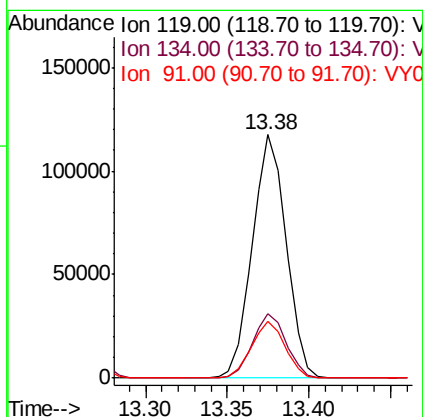
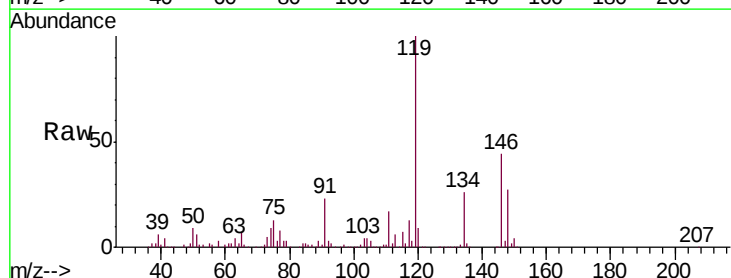
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

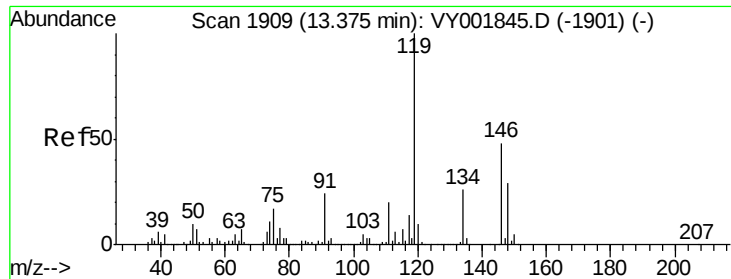
Tgt Ion:105 Resp: 194913
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.614 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion:119 Resp: 169800
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.3 11.9 35.7

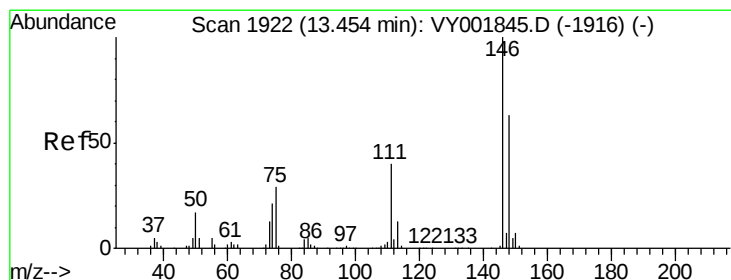
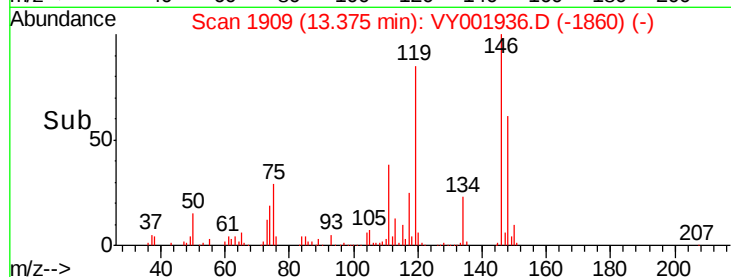
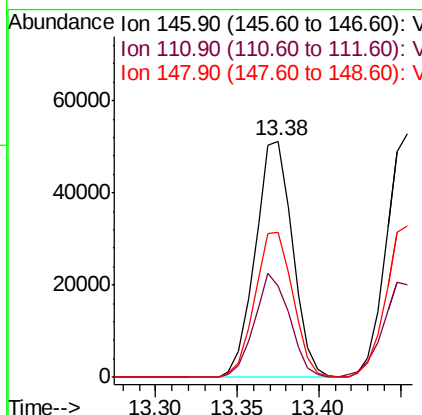
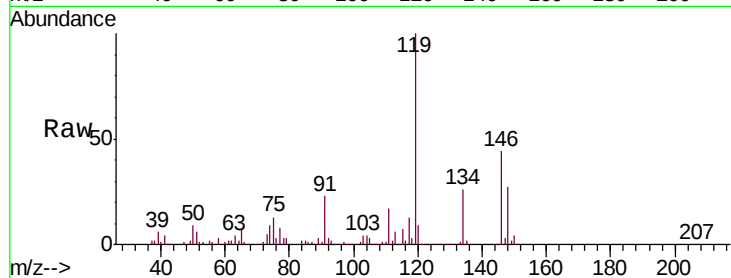




#87
 1,3-Dichlorobenzene
 Concen: 20.695 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

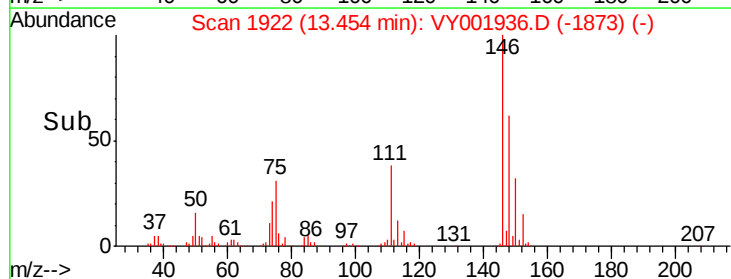
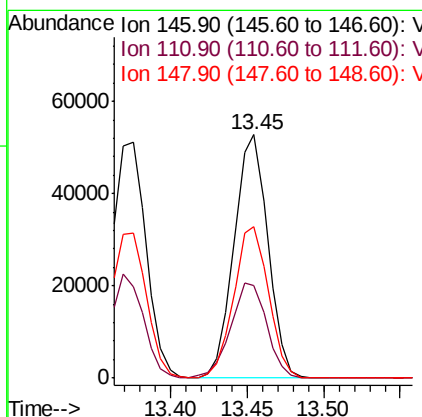
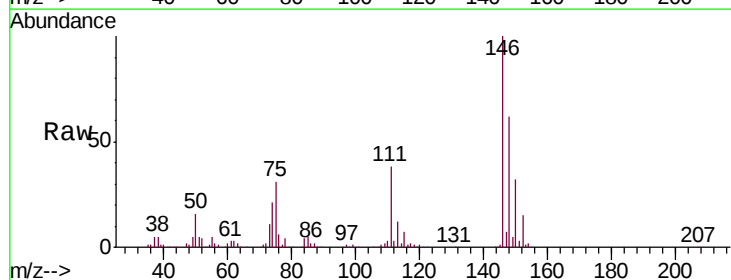
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

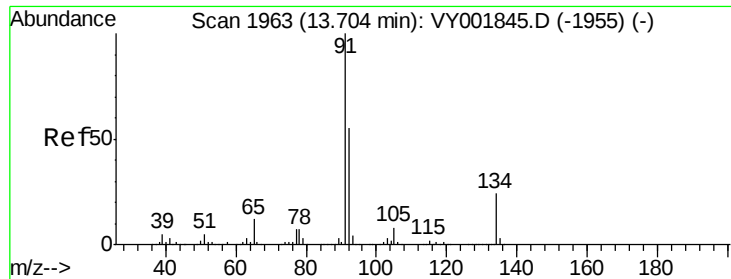
Tgt Ion:146 Resp: 81403
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 62.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.257 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion:146 Resp: 80835
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 60.0
 148 64.2 31.5 94.5

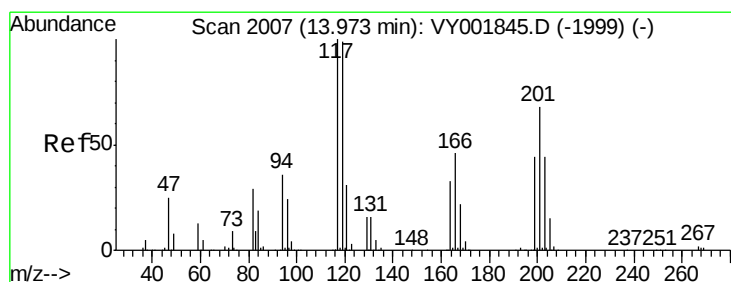
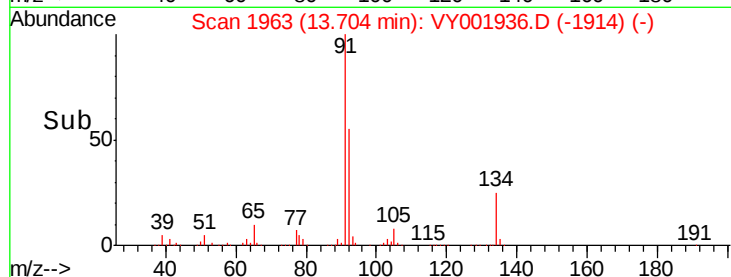
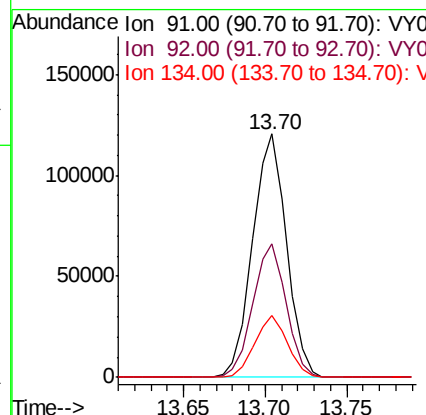
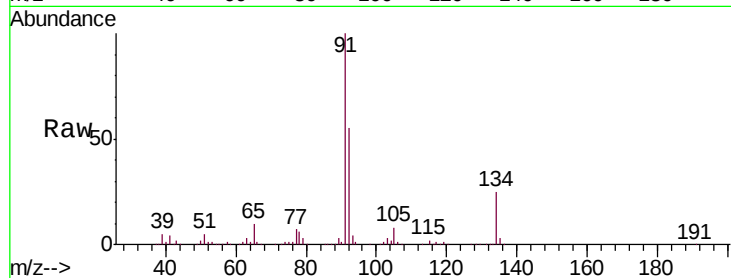




#89
n-Butylbenzene
Concen: 20.366 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

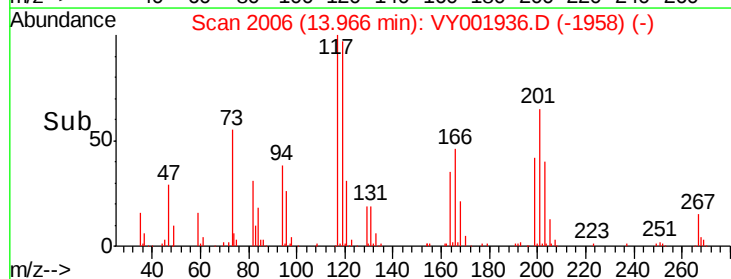
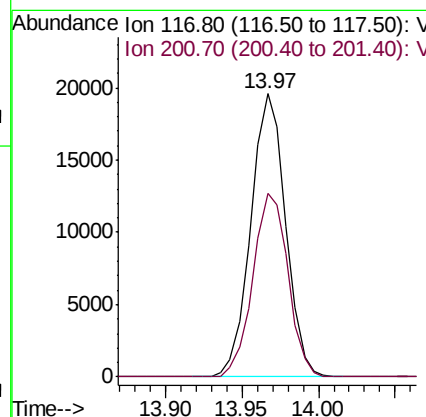
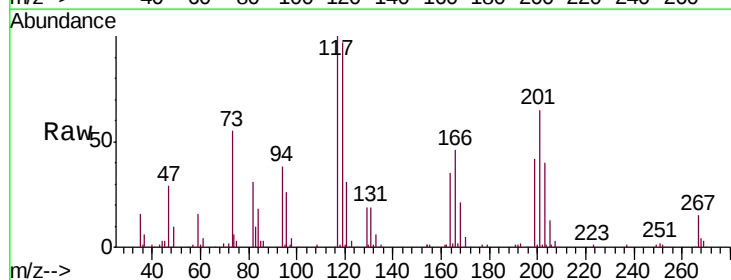
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

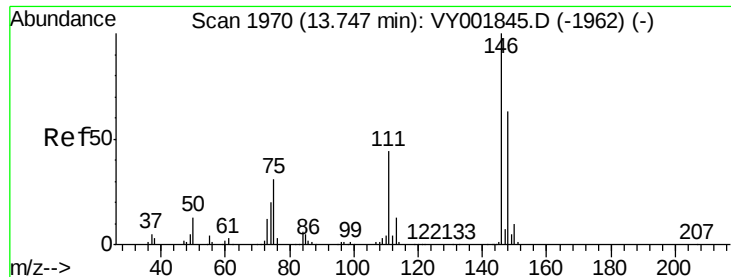
Tgt Ion: 91 Resp: 174043
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 19.929 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion: 117 Resp: 30969
Ion Ratio Lower Upper
117 100
201 65.4 32.5 97.5

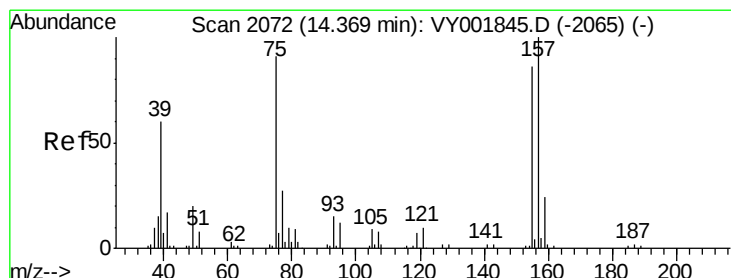
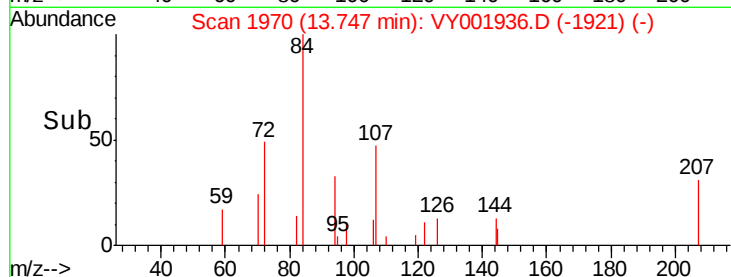
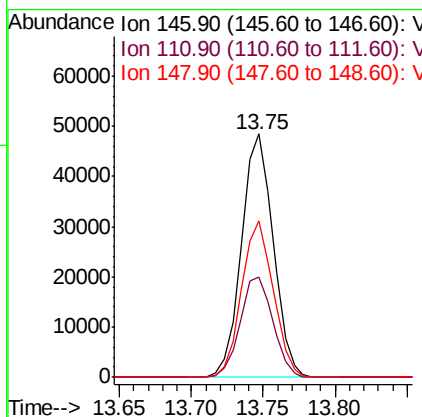
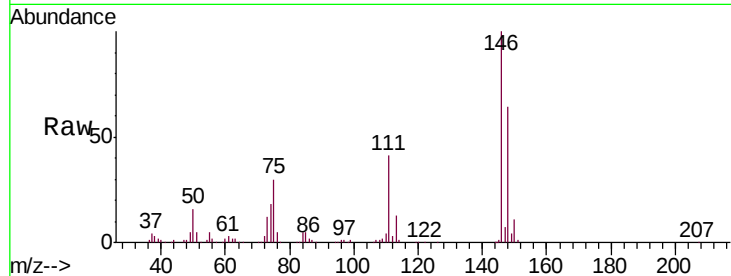




#91
 1,2-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

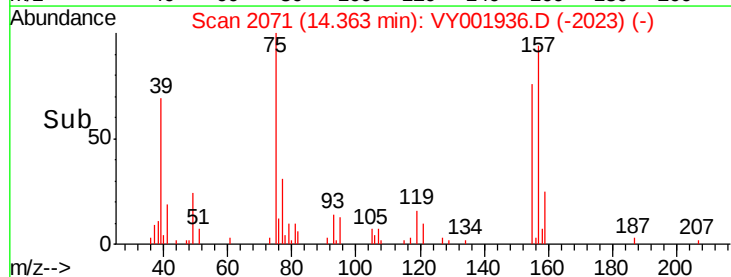
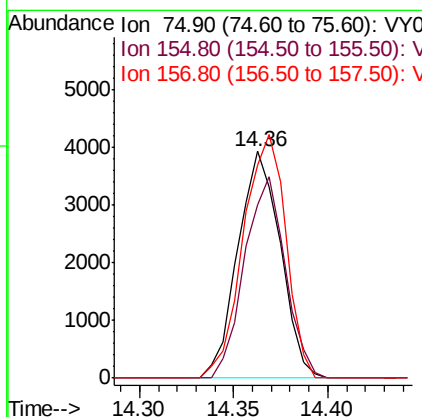
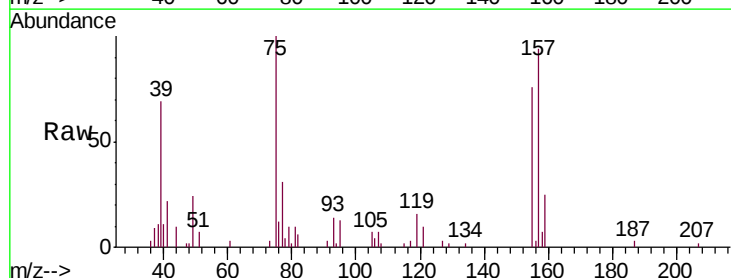
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

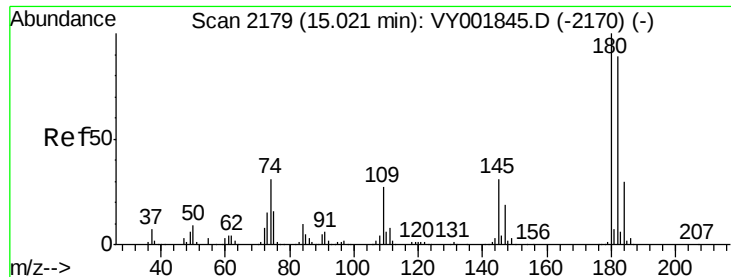
Tgt Ion: 146 Resp: 73916
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.5 64.5
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.300 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion: 75 Resp: 6153
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.9 128.7
 157 107.6 53.1 159.4

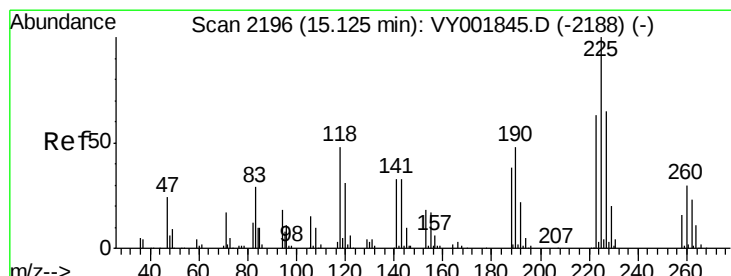
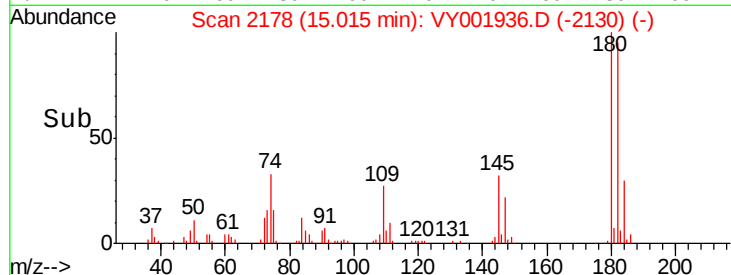
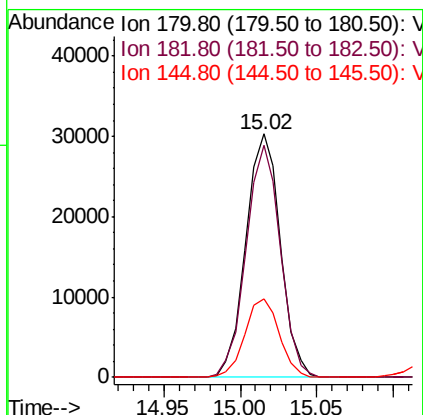
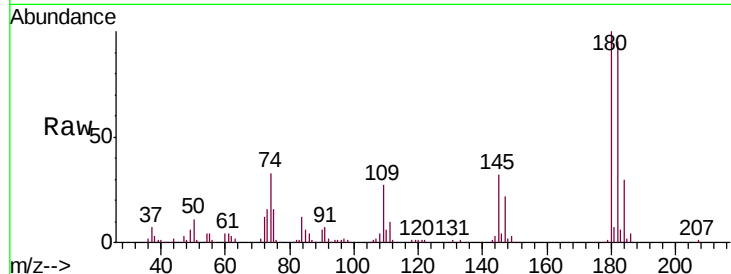




#93
 1,2,4-Trichlorobenzene
 Concen: 20.542 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

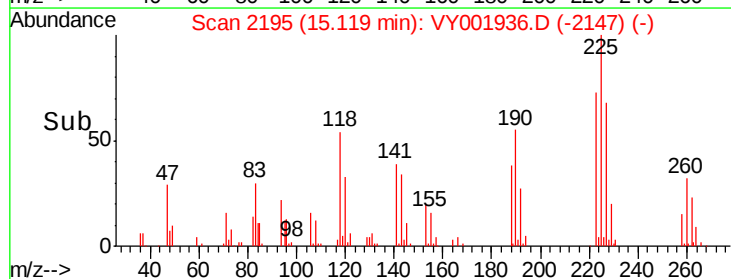
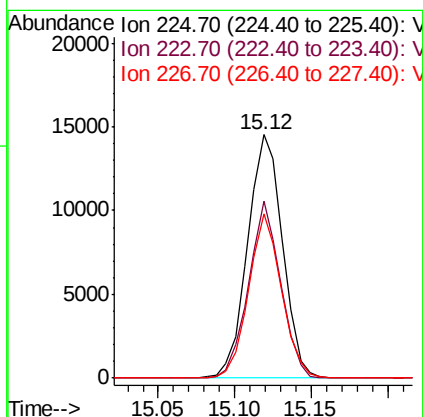
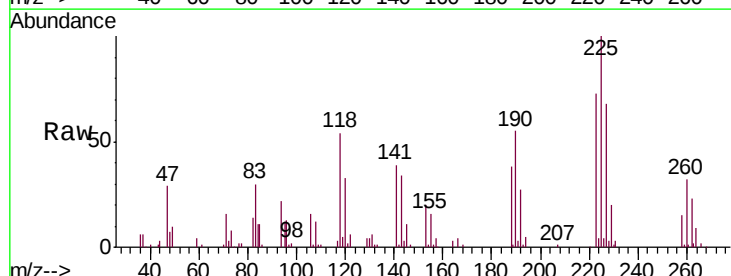
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.1	138.3
145	32.0	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 20.432 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001936.D
 Acq: 11 Mar 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.5	94.5
227	63.2	31.9	95.5

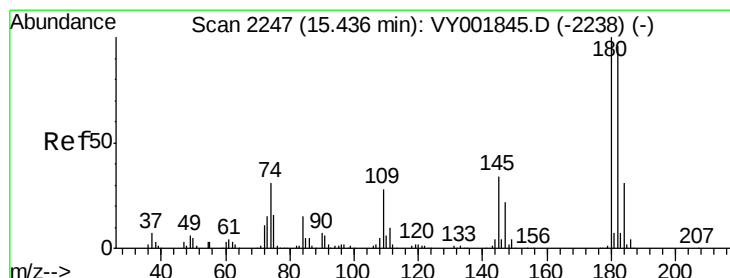
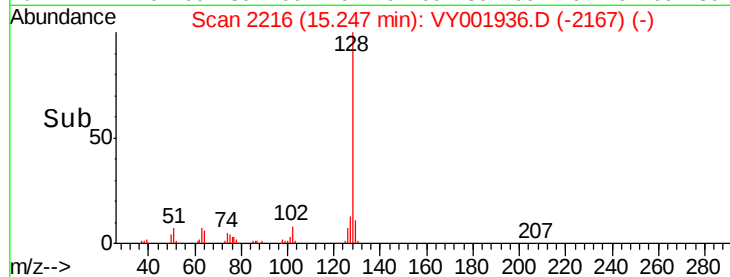
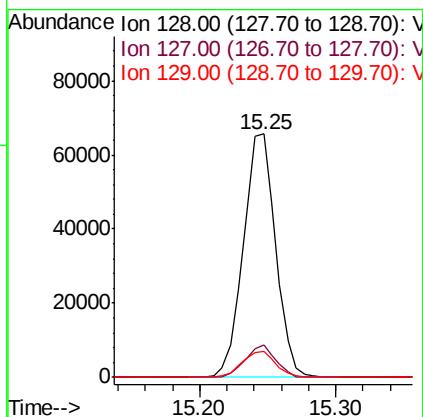
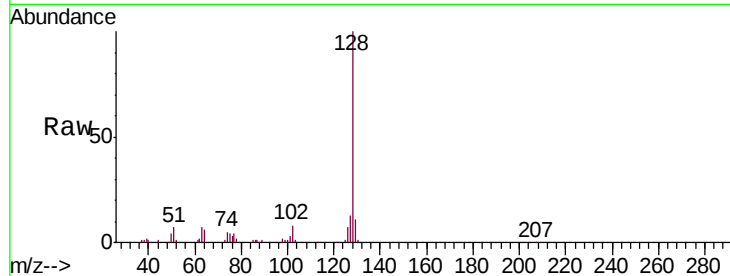




#95
Naphthalene
Concen: 19.780 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Tgt Ion:128 Resp: 108728
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.844 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY001936.D
Acq: 11 Mar 2020 12:36

Tgt Ion:180 Resp: 42554
Ion Ratio Lower Upper
180 100
182 91.8 47.6 142.9
145 32.2 16.8 50.3

