

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001850.D
 Acq On : 04 Mar 2020 14:02
 Operator : SY/MD
 Sample : VY0304SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Quant Time: Mar 05 04:08:54 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	179941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	330936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136412	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	101281	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
35) Dibromofluoromethane	7.74	113	93860	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.19	98	396523	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.49	95	136062	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	33699	20.289	ug/l	96
3) Chloromethane	2.13	50	47929	21.403	ug/l	98
4) Vinyl Chloride	2.26	62	47745	20.961	ug/l	97
5) Bromomethane	2.66	94	31507	20.193	ug/l	95
6) Chloroethane	2.81	64	30260	21.148	ug/l	97
7) Trichlorofluoromethane	3.14	101	63424	20.531	ug/l	98
8) Diethyl Ether	3.55	74	25592	21.019	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40693	20.480	ug/l	99
10) Methyl Iodide	4.11	142	45492	19.798	ug/l	100
11) Tert butyl alcohol	4.99	59	26206	119.284	ug/l #	87
12) 1,1-Dichloroethene	3.89	96	41961	20.974	ug/l	97
13) Acrolein	3.75	56	29044	107.592	ug/l	96
14) Allyl chloride	4.50	41	75190	21.200	ug/l	99
15) Acrylonitrile	5.19	53	68642	105.504	ug/l	100
16) Acetone	3.97	43	57856	103.405	ug/l	99
17) Carbon Disulfide	4.22	76	138659	20.617	ug/l	99
18) Methyl Acetate	4.50	43	29246	20.343	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	114635	21.144	ug/l	96
20) Methylene Chloride	4.74	84	49575	20.674	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	47569	20.948	ug/l	98
22) Diisopropyl ether	6.14	45	153172	21.069	ug/l	96
23) Vinyl Acetate	6.09	43	502164	105.362	ug/l	100
24) 1,1-Dichloroethane	6.05	63	81881	20.798	ug/l	97
25) 2-Butanone	7.01	43	88946	104.537	ug/l	100
26) 2,2-Dichloropropane	7.00	77	67688	20.947	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	51281	20.761	ug/l	99
28) Bromochloromethane	7.36	49	35670	20.101	ug/l	100
29) Tetrahydrofuran	7.36	42	58174	102.958	ug/l	98
30) Chloroform	7.53	83	75382	20.379	ug/l	96
31) Cyclohexane	7.80	56	85971	20.366	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	65347	20.961	ug/l	99
36) 1,1-Dichloropropene	7.94	75	64711	20.320	ug/l	98
37) Ethyl Acetate	7.10	43	38411	20.753	ug/l	99
38) Carbon Tetrachloride	7.92	117	55847	20.528	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	86545	20.490	ug/l	98
40) Benzene	8.18	78	192312	20.374	ug/l	99
41) Methacrylonitrile	7.36	41	51054	61.291	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	51460	21.157	ug/l	100
43) Isopropyl Acetate	8.29	43	71653	20.447	ug/l	100
44) Trichloroethene	8.96	130	46427	20.196	ug/l	95
45) 1,2-Dichloropropane	9.23	63	48563	20.466	ug/l	99
46) Dibromomethane	9.32	93	24749	20.240	ug/l	100
47) Bromodichloromethane	9.51	83	58140	20.440	ug/l	98
48) Methyl methacrylate	9.30	41	32314	20.781	ug/l	96
49) 1,4-Dioxane	9.31	88	6968	415.871	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	184365	102.144	ug/l	99
52) Toluene	10.25	92	118994	20.752	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	63217	20.399	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	75009	20.332	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36412	20.347	ug/l	99
56) Ethyl methacrylate	10.52	69	53485	20.391	ug/l	96
57) 1,3-Dichloropropane	10.80	76	65479	20.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	133029	129.596	ug/l	100
59) 2-Hexanone	10.85	43	134095	104.088	ug/l	98
60) Dibromochloromethane	10.99	129	38172	20.243	ug/l	100
61) 1,2-Dibromoethane	11.10	107	34338	20.257	ug/l	100
64) Tetrachloroethene	10.73	164	37812	20.544	ug/l	94
65) Chlorobenzene	11.53	112	120960	20.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	40192	20.959	ug/l	99
67) Ethyl Benzene	11.60	91	224665	20.600	ug/l	99
68) m/p-Xylenes	11.71	106	167414	41.520	ug/l	99
69) o-Xylene	12.04	106	78792	20.733	ug/l	100
70) Styrene	12.05	104	136402	20.956	ug/l	100
71) Bromoform	12.22	173	21361	20.540	ug/l #	99
73) Isopropylbenzene	12.34	105	211703	20.330	ug/l	99
74) N-amyl acetate	12.15	43	66151	20.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	46127	20.541	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	59778	36.931	ug/l #	100
77) Bromobenzene	12.62	156	44379	20.115	ug/l	100
78) n-propylbenzene	12.68	91	265597	20.674	ug/l	100
79) 2-Chlorotoluene	12.77	91	146623	20.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	177826	20.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16338	20.389	ug/l	97
82) 4-Chlorotoluene	12.86	91	152091	20.580	ug/l	99
83) tert-Butylbenzene	13.08	119	147627	20.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	175971	20.684	ug/l	99
85) sec-Butylbenzene	13.26	105	219727	20.936	ug/l	99
86) p-Isopropyltoluene	13.38	119	191326	21.133	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	90010	20.819	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	89877	20.492	ug/l	97
89) n-Butylbenzene	13.70	91	198090	21.089	ug/l	99
90) Hexachloroethane	13.97	117	35245	20.636	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	81531	20.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7282	20.781	ug/l	96

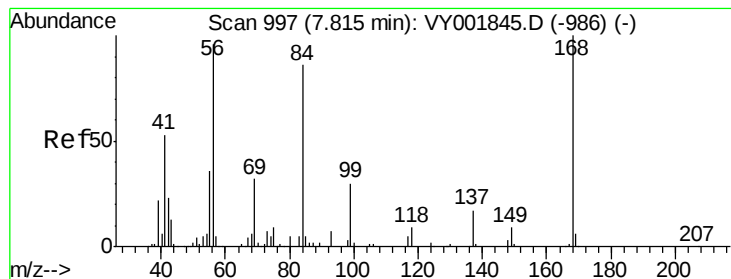
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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54356	21.340	ug/l	99
94) Hexachlorobutadiene	15.12	225	25827	20.797	ug/l	100
95) Naphthalene	15.25	128	124642	20.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	47006	20.948	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

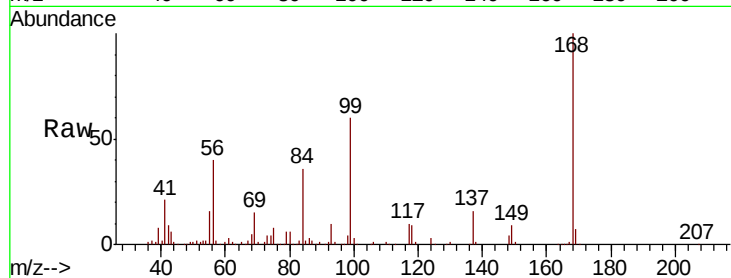
VY0304SBS01

Tot Ion:168 Resp: 179941

Ion Ratio Lower Upper

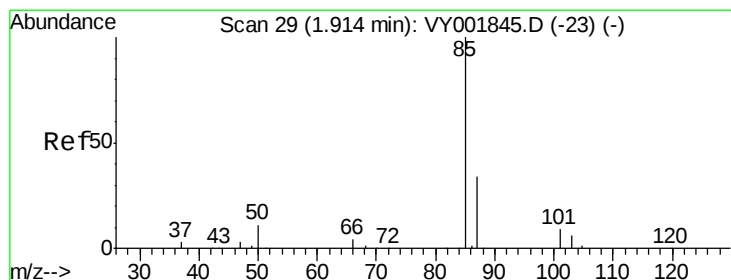
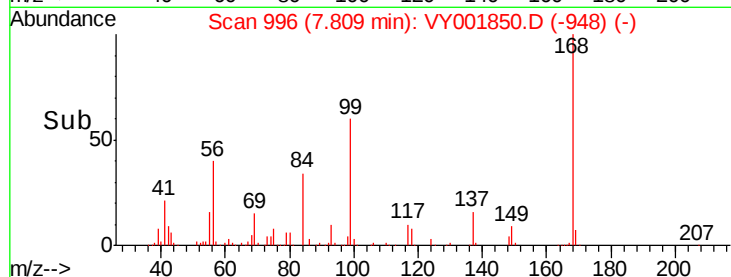
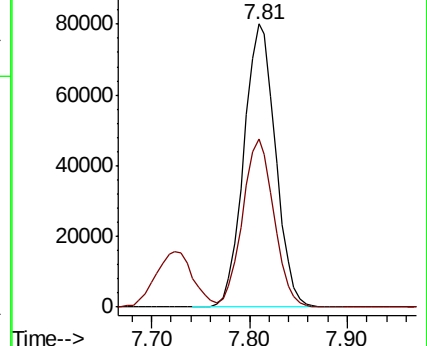
168 100

99 59.6 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: 20.289 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001850.D

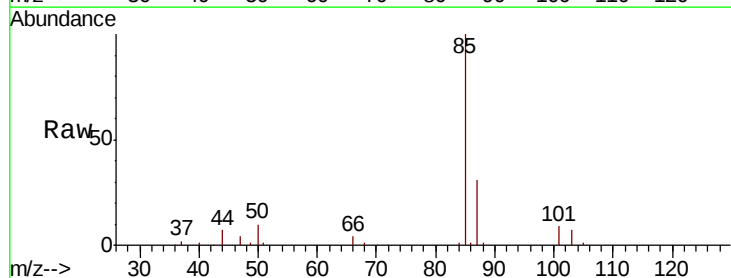
Acq: 04 Mar 2020 14:02

Tgt Ion: 85 Resp: 33699

Ion Ratio Lower Upper

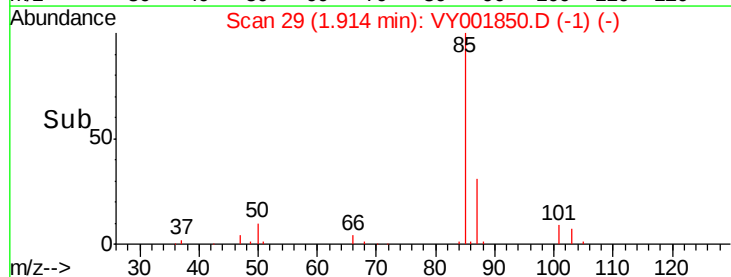
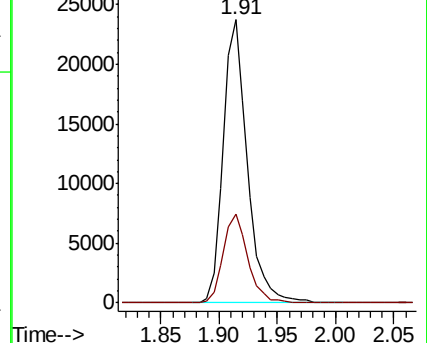
85 100

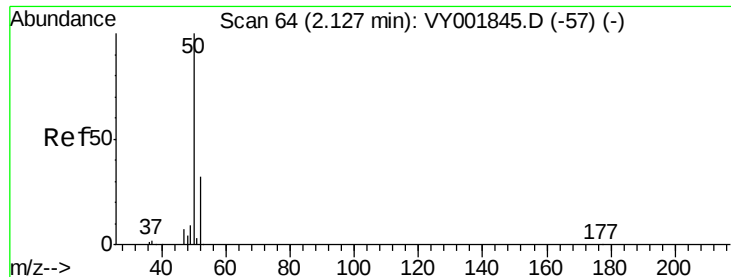
87 31.4 16.8 50.4



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: 21.403 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

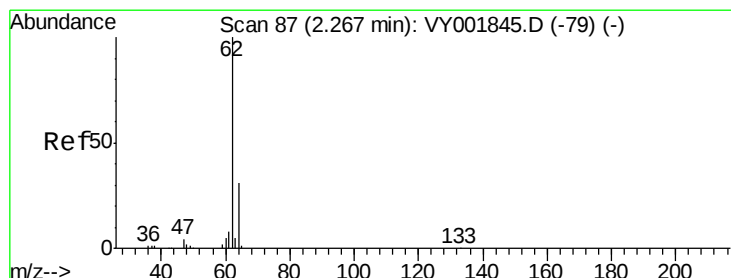
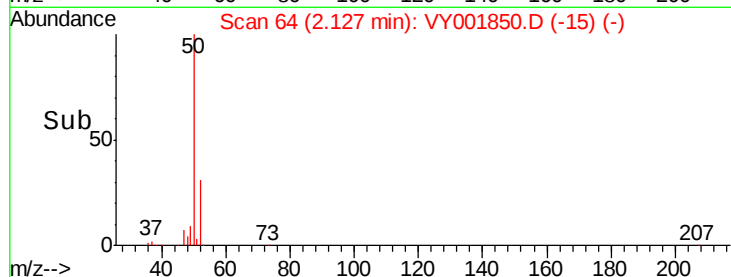
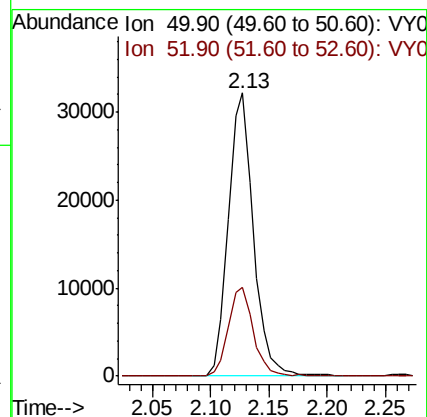
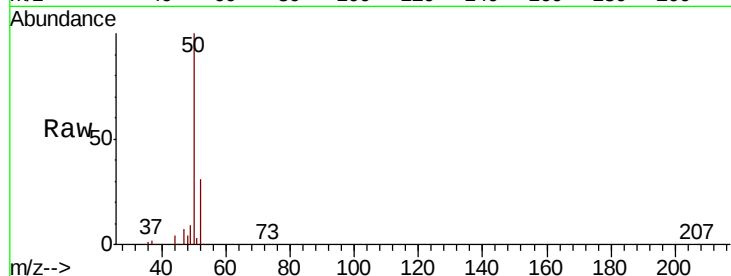
VY0304SBS01

Tot Ion: 50 Resp: 47929

Ion Ratio Lower Upper

50 100

52 31.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.961 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001850.D

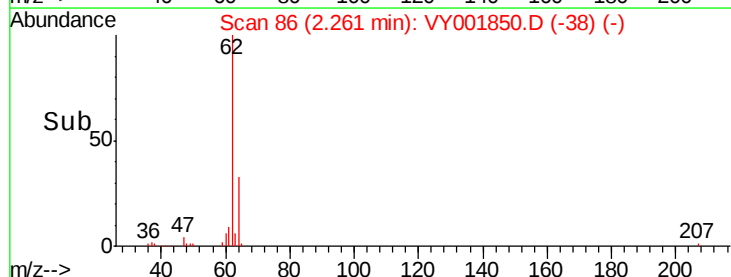
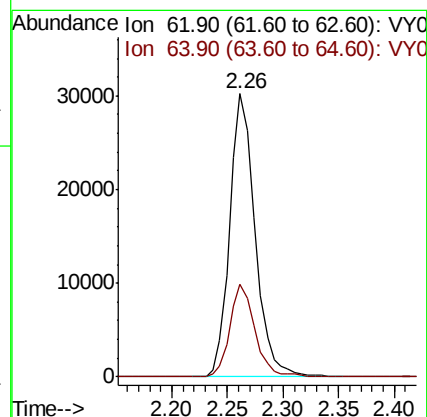
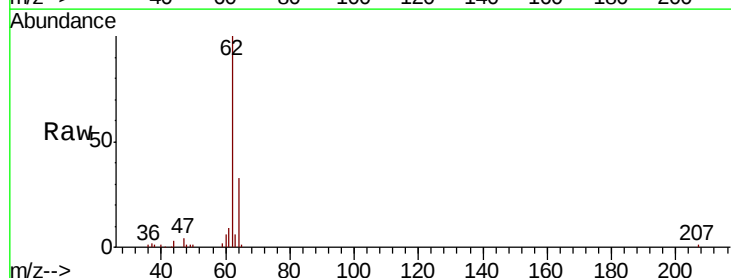
Acq: 04 Mar 2020 14:02

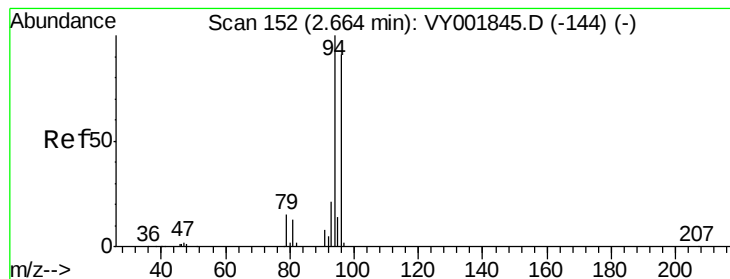
Tgt Ion: 62 Resp: 47745

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 20.193 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

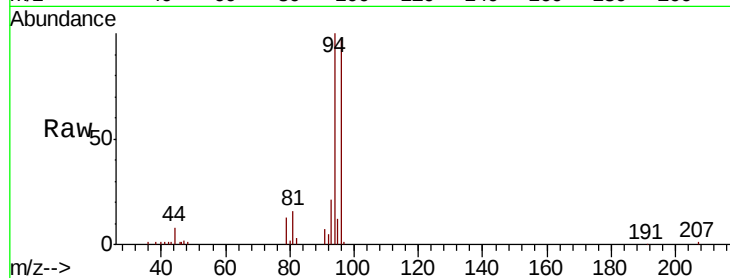
VY0304SBS01

Tot Ion: 94 Resp: 31507

Ion Ratio Lower Upper

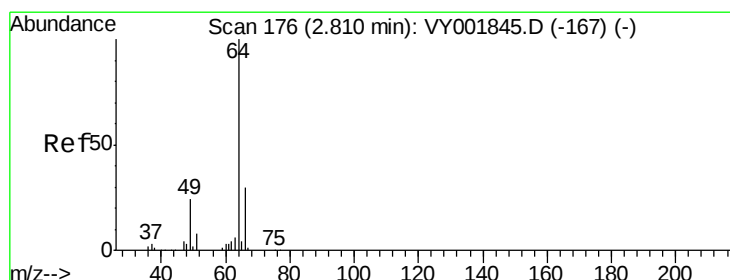
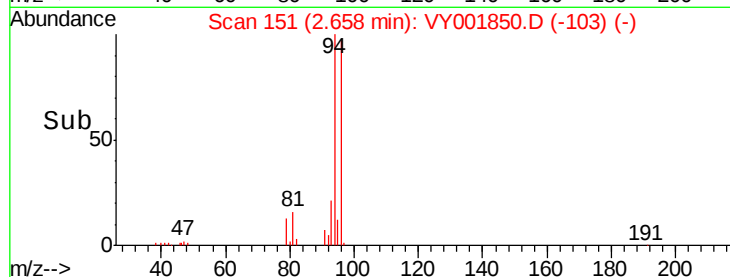
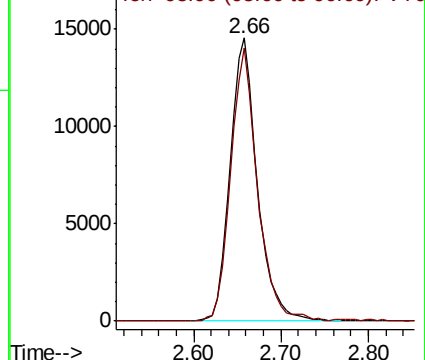
94 100

96 96.6 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: 21.148 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001850.D

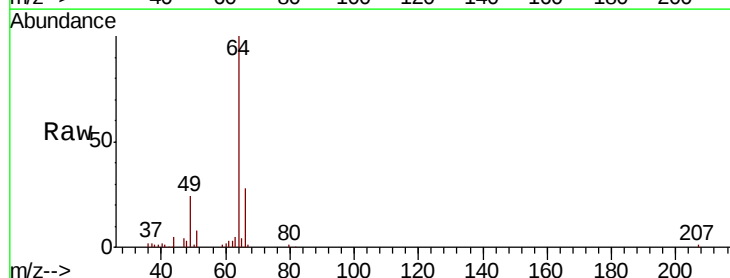
Acq: 04 Mar 2020 14:02

Tgt Ion: 64 Resp: 30260

Ion Ratio Lower Upper

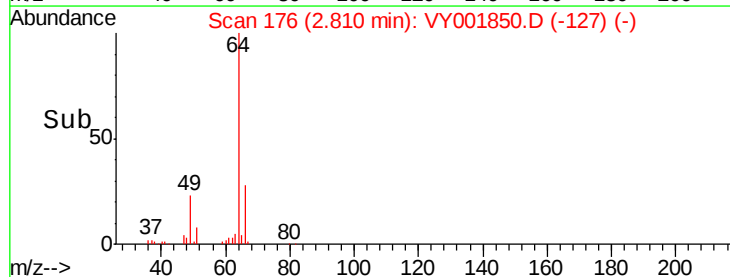
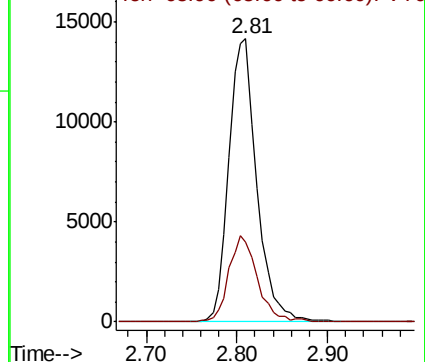
64 100

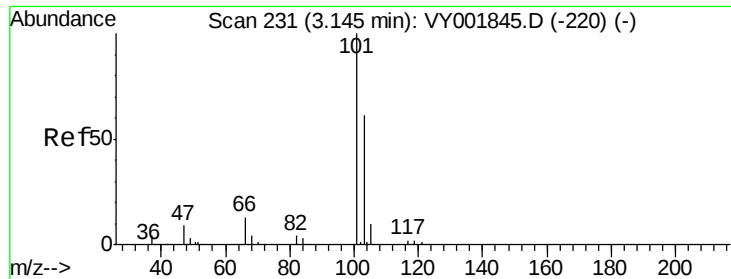
66 28.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



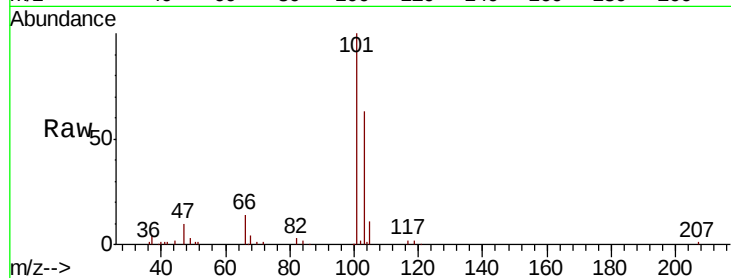


#7

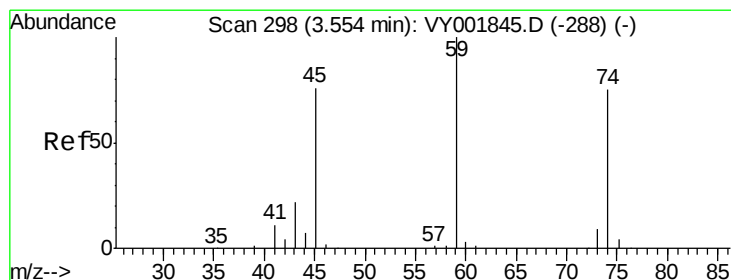
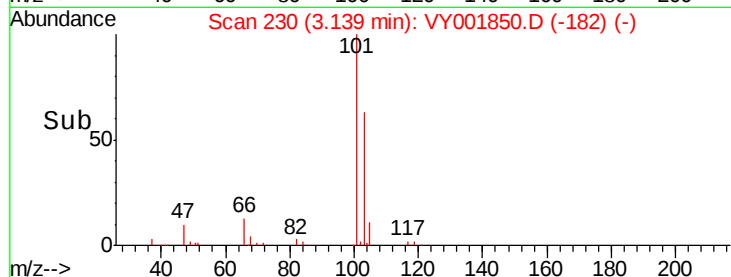
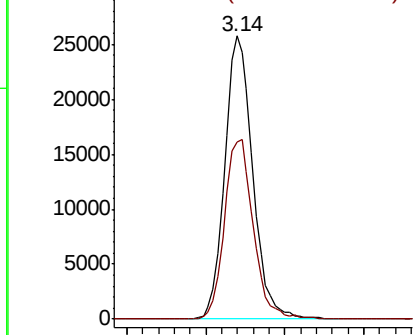
Trichlorofluoromethane
 Concen: 20.531 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Instrument :
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 VY0304SBS01

Tot Ion:101 Resp: 63424
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.1 73.7



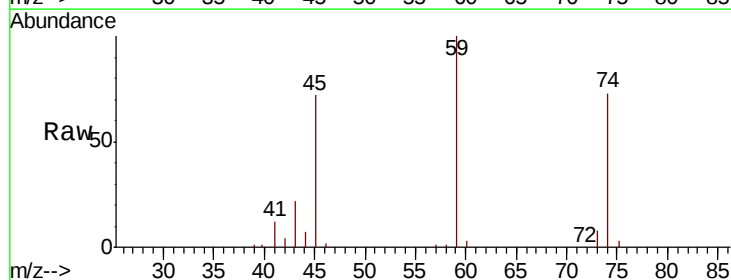
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



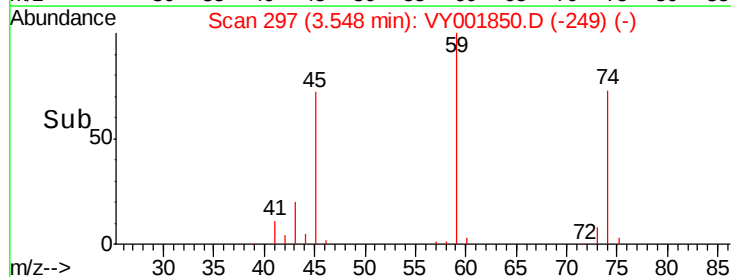
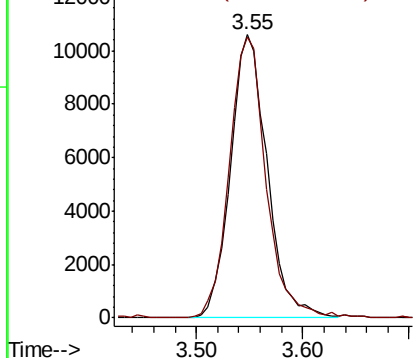
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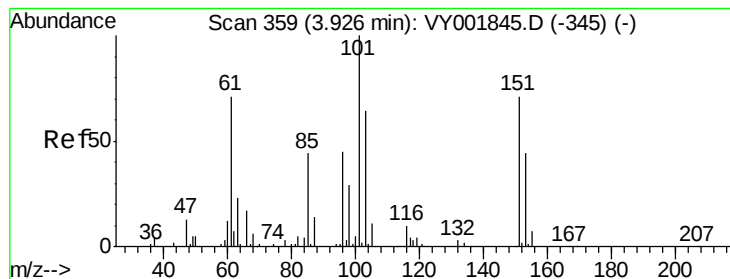
Diethyl Ether
 Concen: 21.019 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion: 74 Resp: 25592
 Ion Ratio Lower Upper
 74 100
 45 98.7 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: 20.480 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

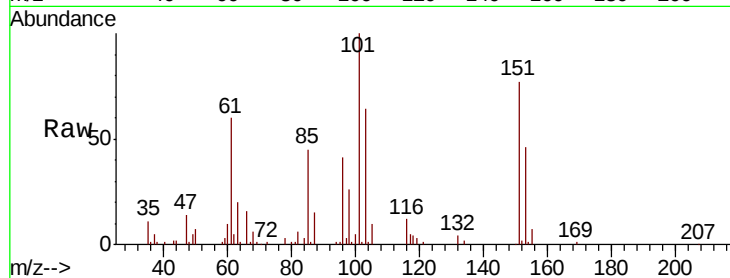
Tot Ion:101 Resp: 40693

Ion Ratio Lower Upper

101 100

85 45.4 35.3 52.9

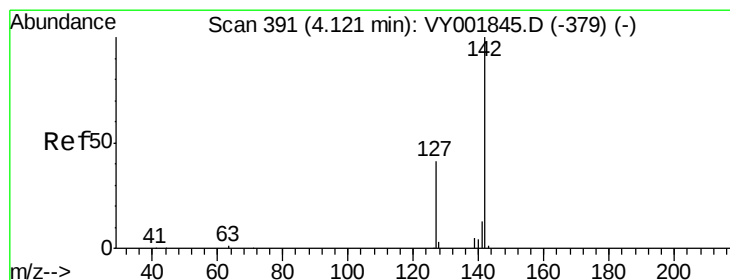
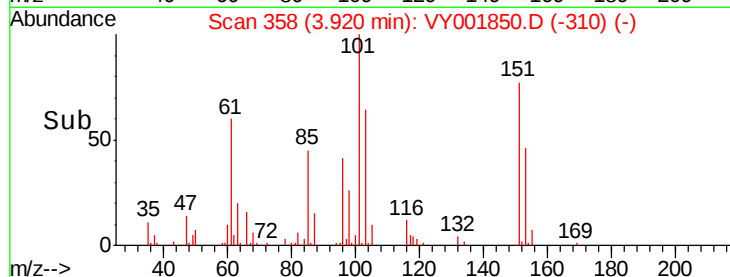
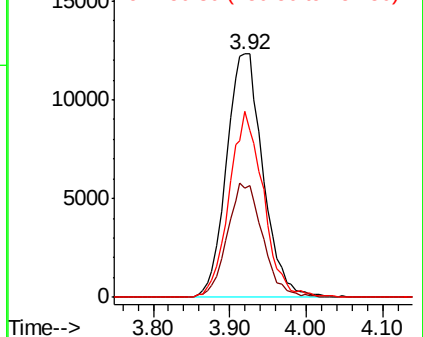
151 71.7 57.0 85.4



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: 19.798 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

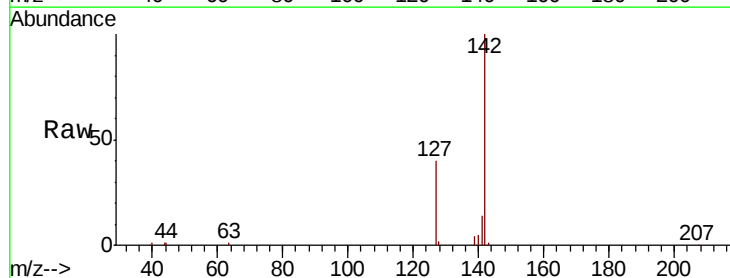
Tgt Ion:142 Resp: 45492

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

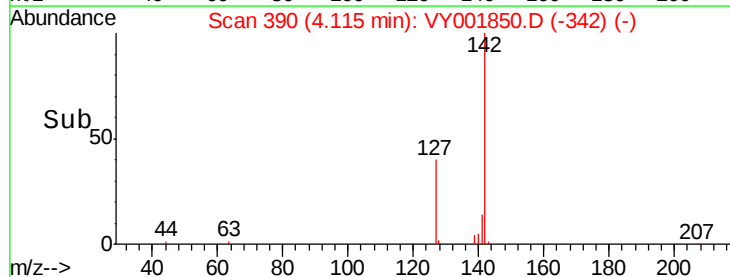
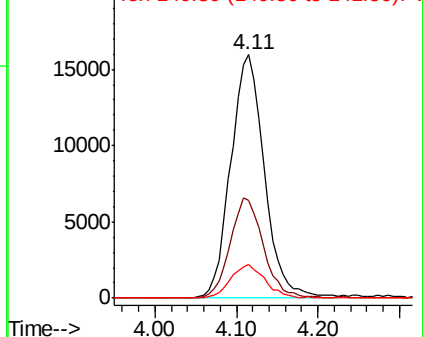
141 13.9 11.0 16.6

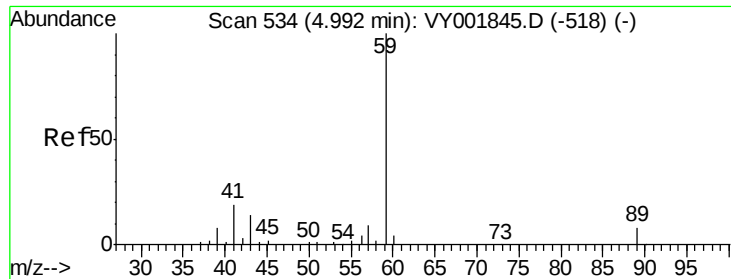


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

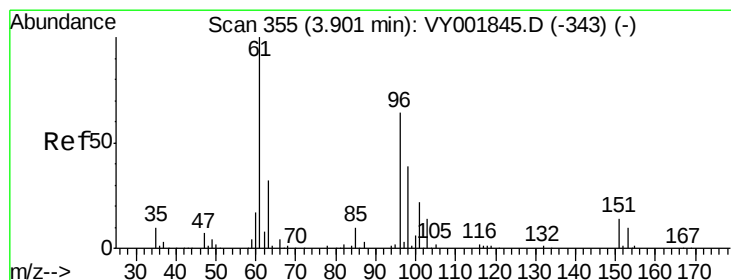
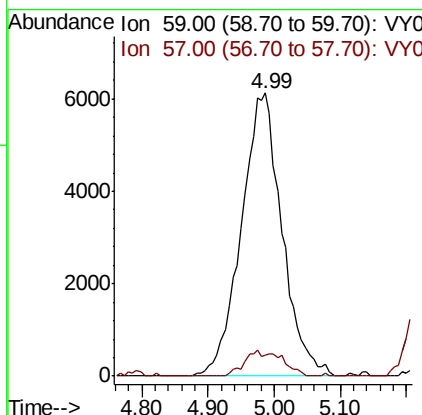
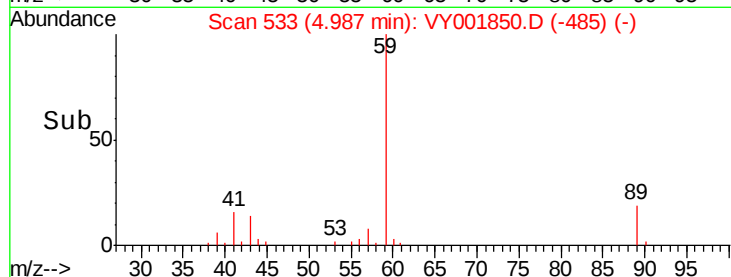
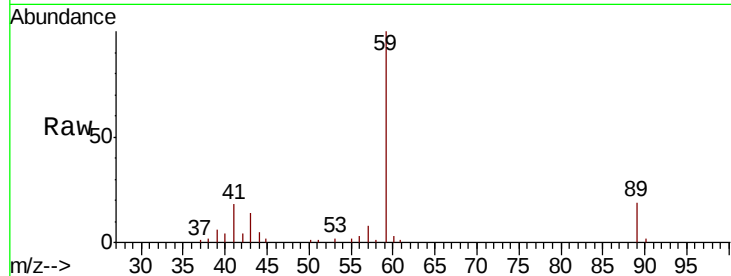




#11
Tert butyl alcohol
Concen: 119.284 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

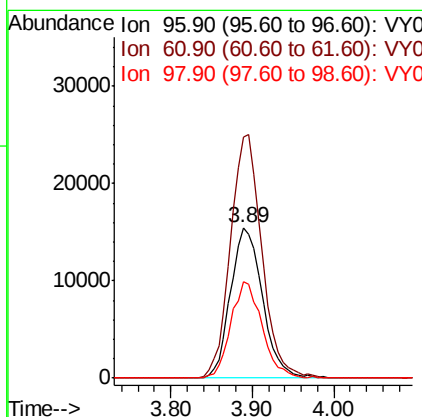
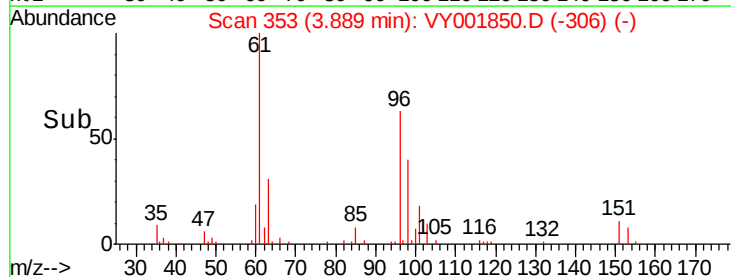
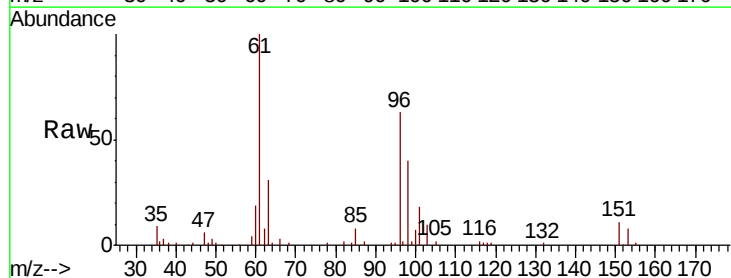
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

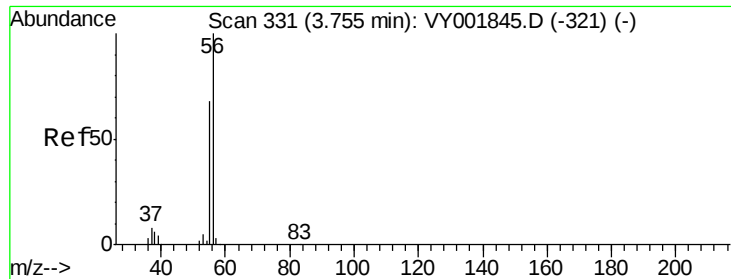
Tot Ion: 59 Resp: 26206
Ion Ratio Lower Upper
59 100
57 4.6 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.974 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 96 Resp: 41961
Ion Ratio Lower Upper
96 100
61 159.8 124.8 187.2
98 64.1 49.2 73.8





#13

Acrolein

Concen: 107.592 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

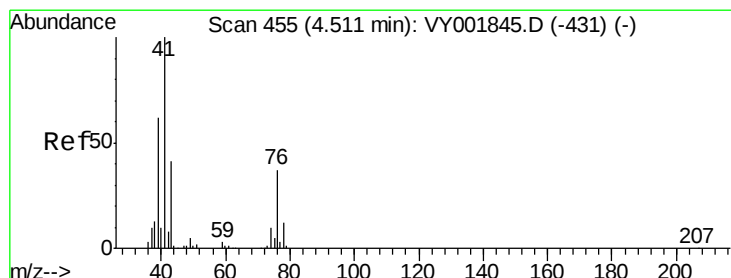
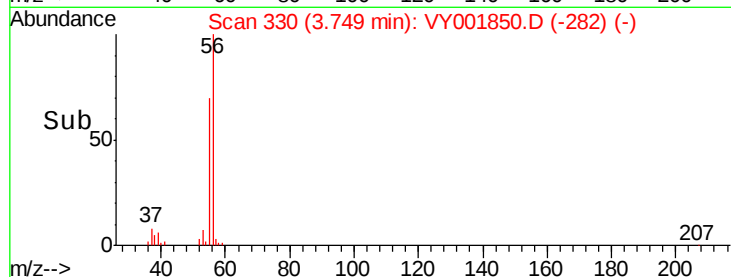
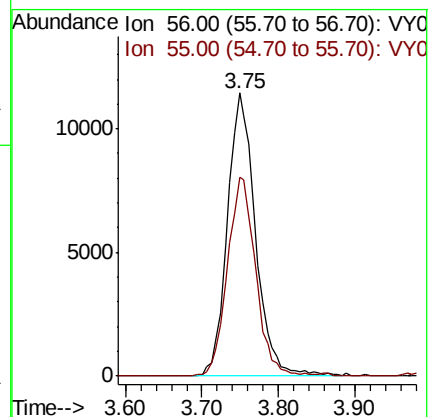
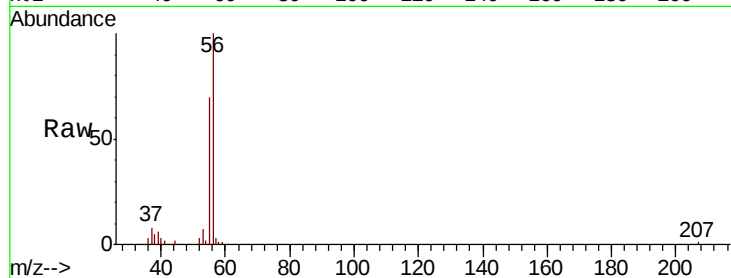
VY0304SBS01

Tot Ion: 56 Resp: 29044

Ion Ratio Lower Upper

56 100

55 70.7 54.0 81.0



#14

Allyl chloride

Concen: 21.200 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

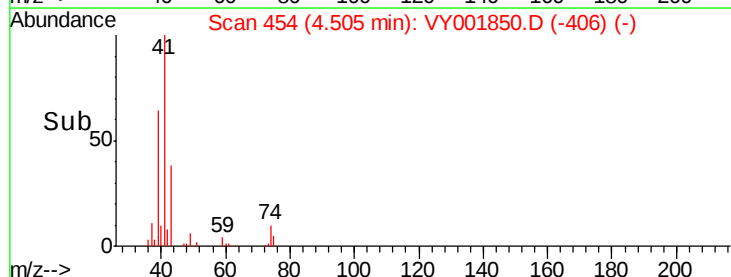
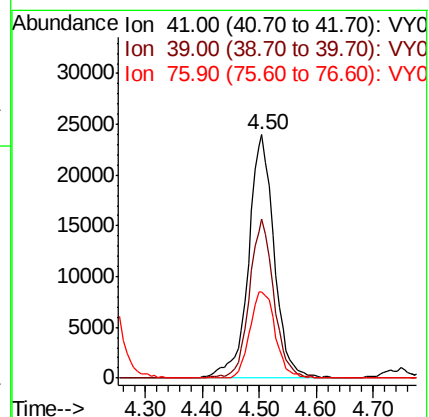
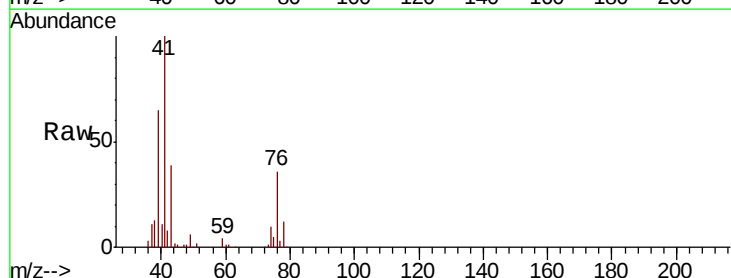
Tgt Ion: 41 Resp: 75190

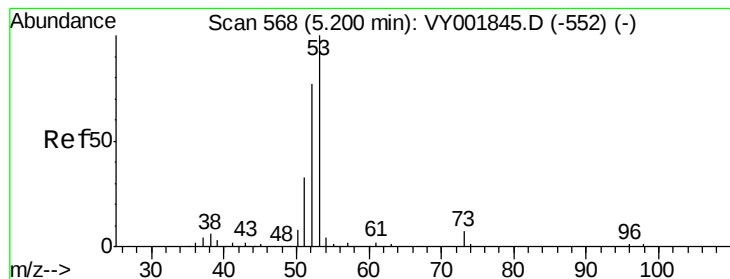
Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

76 35.3 28.9 43.3





#15

Acrylonitrile

Concen: 105.504 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

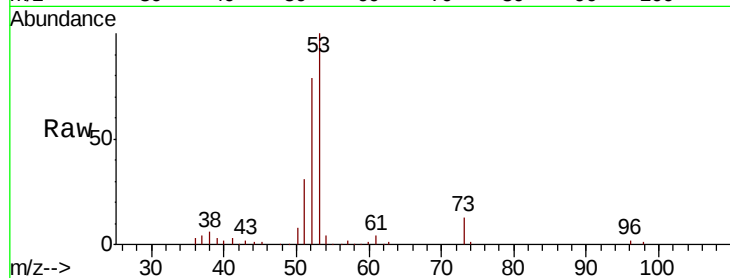
Tot Ion: 53 Resp: 68642

Ion Ratio Lower Upper

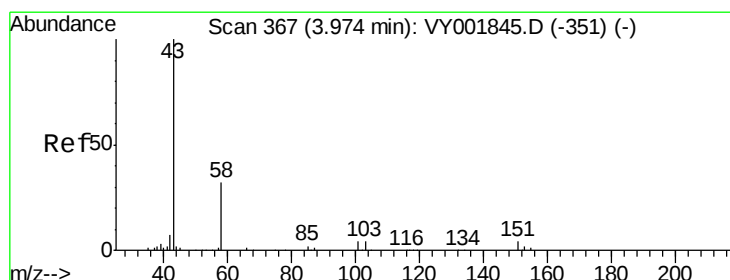
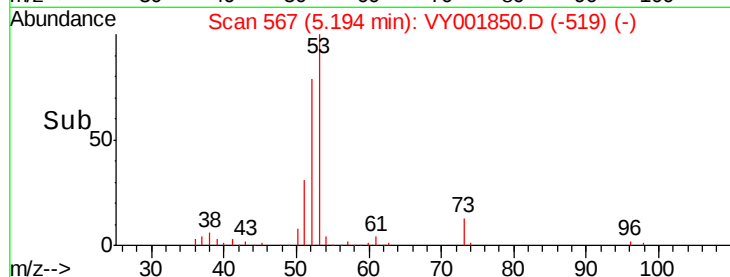
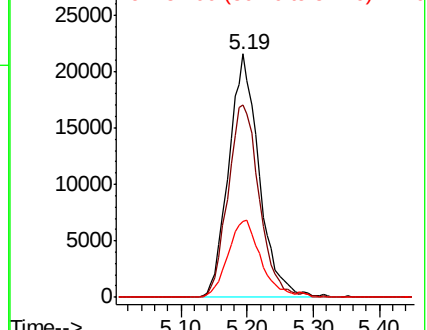
53 100

52 81.7 65.1 97.7

51 33.9 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: 103.405 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001850.D

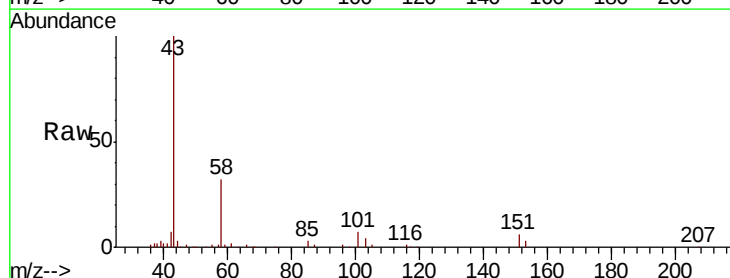
Acq: 04 Mar 2020 14:02

Tgt Ion: 43 Resp: 57856

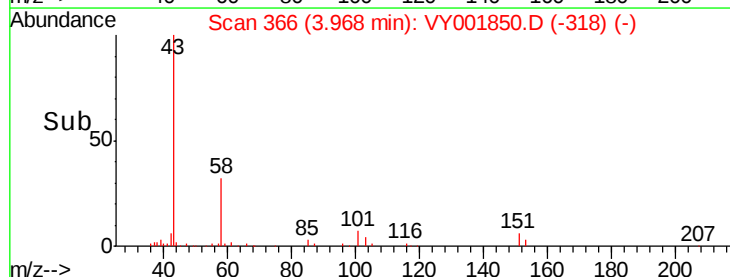
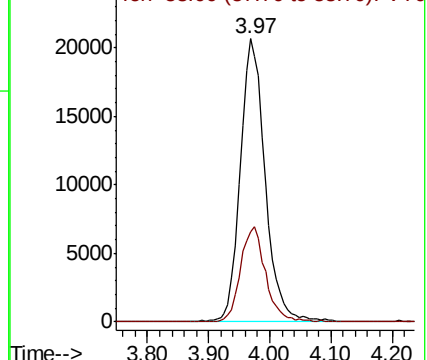
Ion Ratio Lower Upper

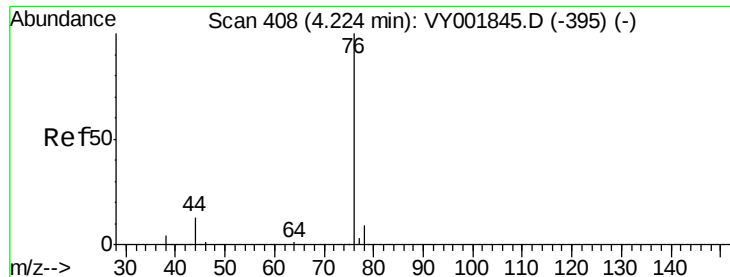
43 100

58 31.8 25.9 38.9



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

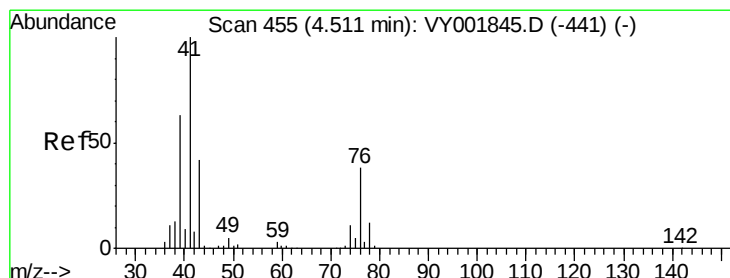
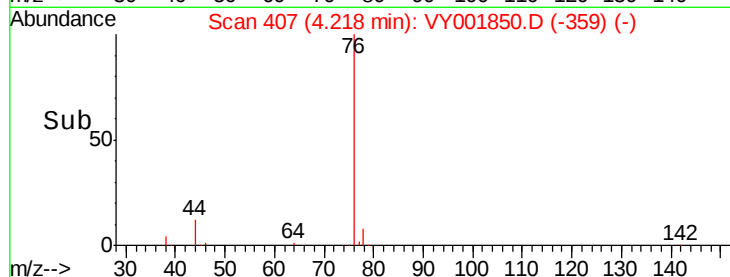
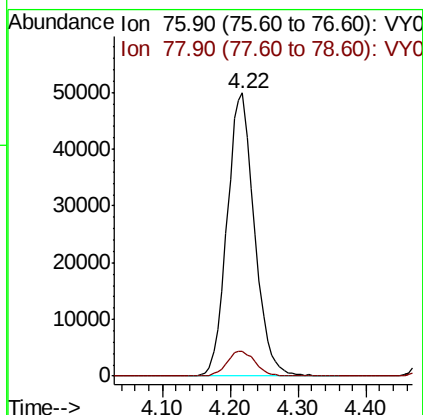
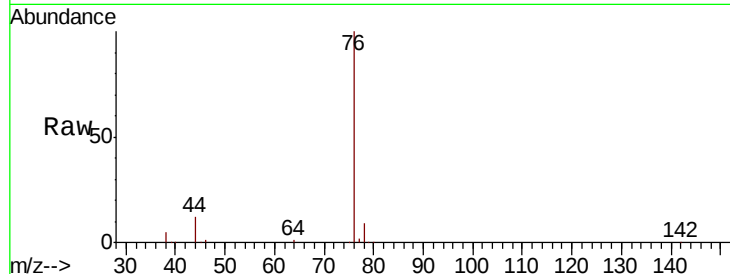




#17
Carbon Disulfide
Concen: 20.617 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

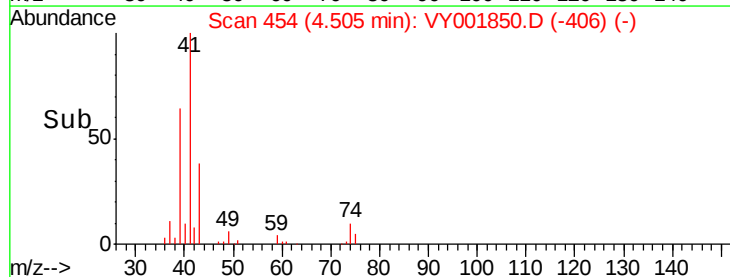
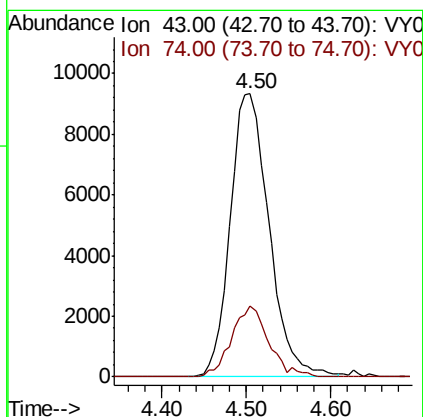
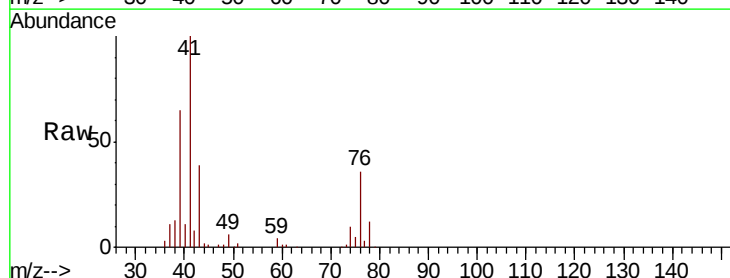
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

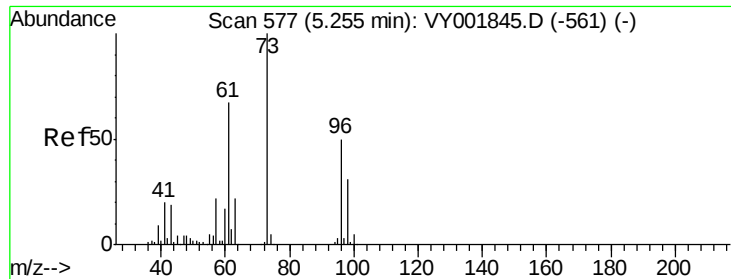
Tot Ion: 76 Resp: 138659
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 20.343 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 43 Resp: 29246
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6

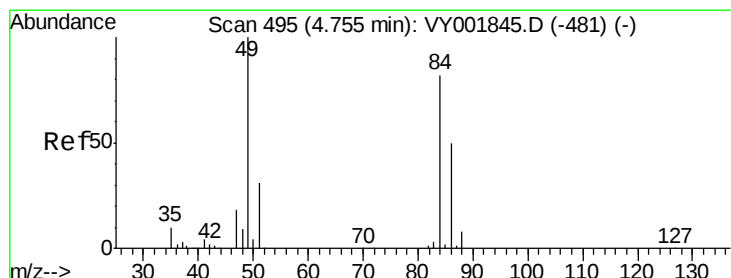
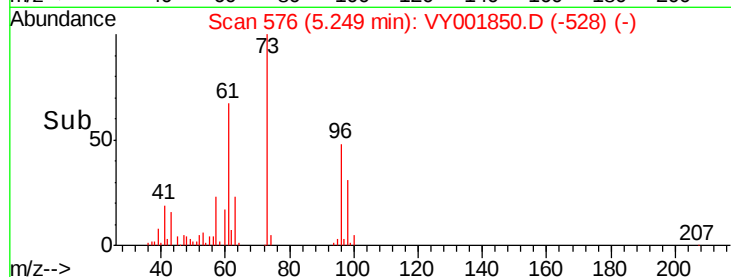
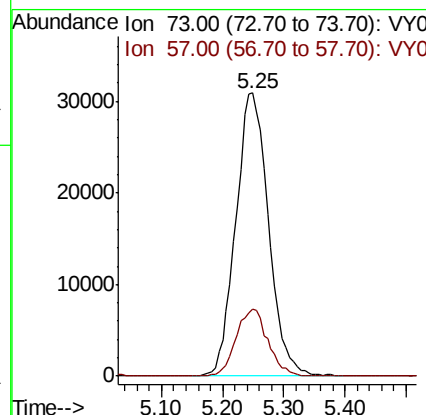
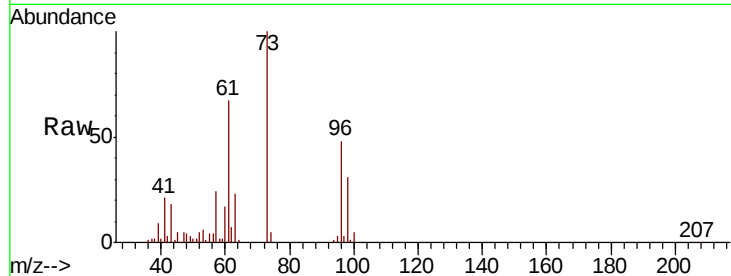




#19
Methyl tert-butyl Ether
Concen: 21.144 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

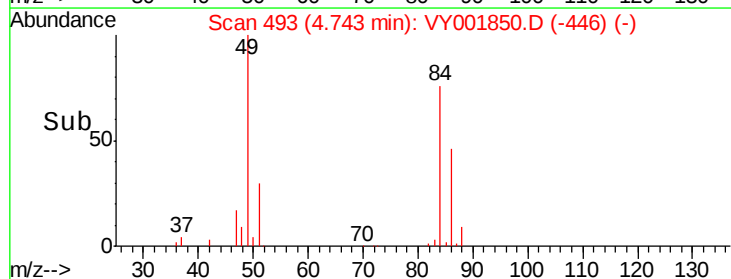
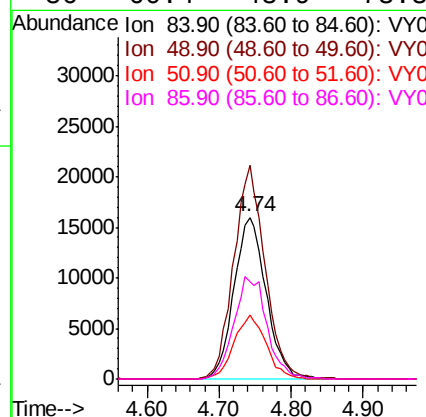
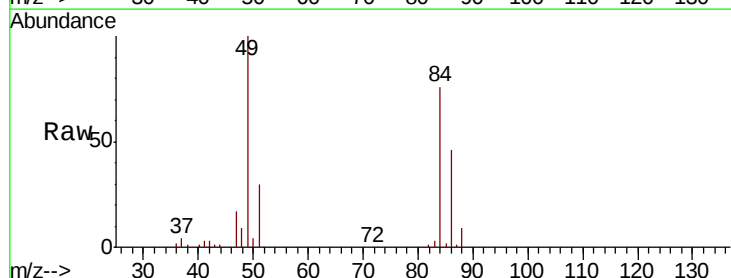
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Tot Ion: 73 Resp: 114635
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.674 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 84 Resp: 49575
Ion Ratio Lower Upper
84 100
49 131.9 98.2 147.2
51 39.7 30.2 45.2
86 60.4 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.948 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

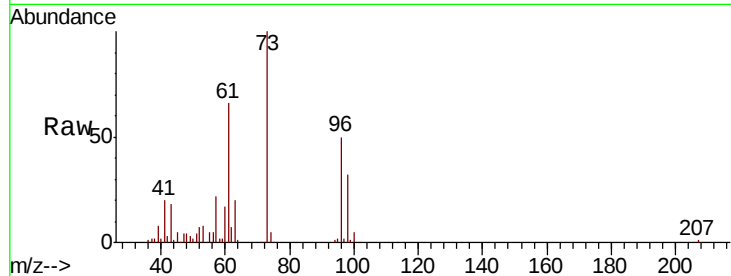
Tot Ion: 96 Resp: 47569

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

98 63.9 49.3 73.9

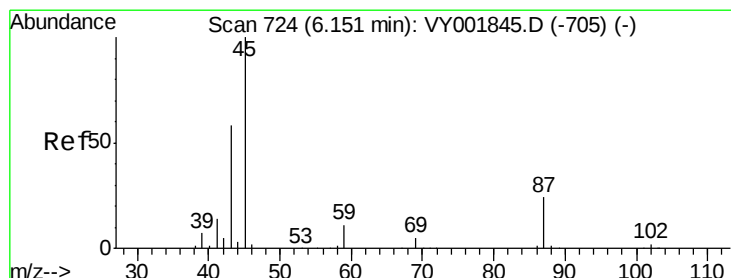
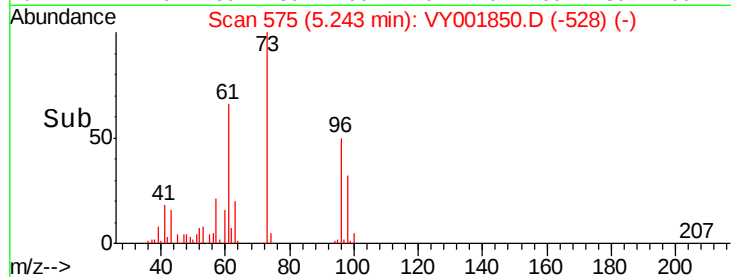
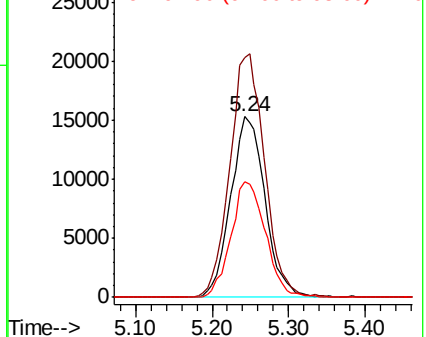


Abundance

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: 21.069 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Tgt Ion: 45 Resp: 153172

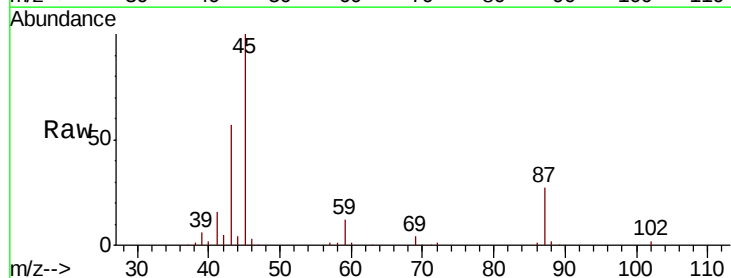
Ion Ratio Lower Upper

45 100

43 56.3 47.2 70.8

87 27.2 19.8 29.8

59 12.3 8.8 13.2



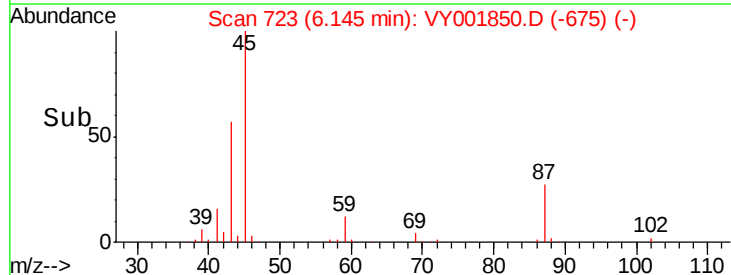
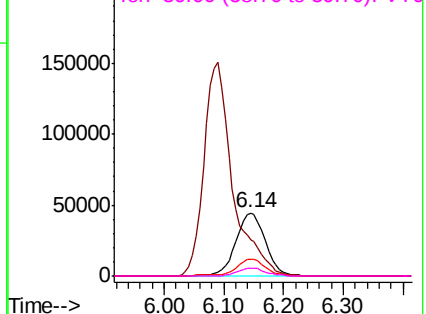
Abundance

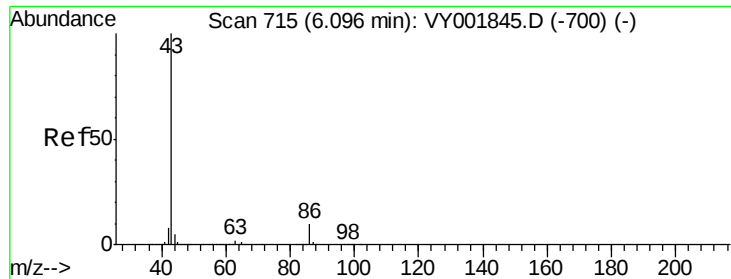
Ion 45.00 (44.70 to 45.70): VY0

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: 105.362 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

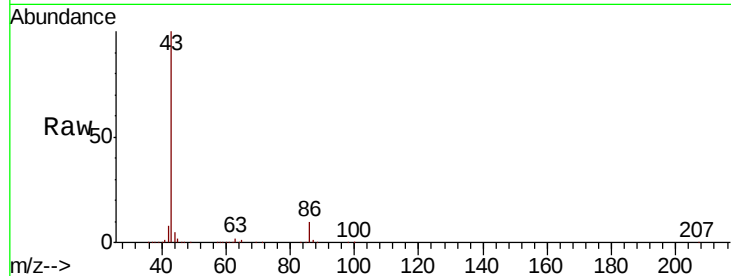
VY0304SBS01

Tot Ion: 43 Resp: 502164

Ion Ratio Lower Upper

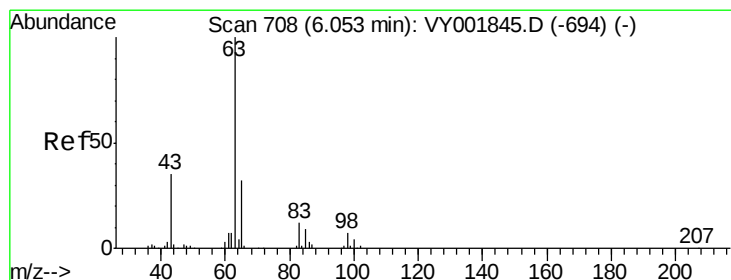
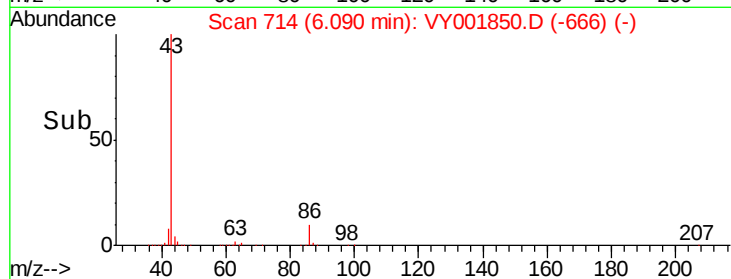
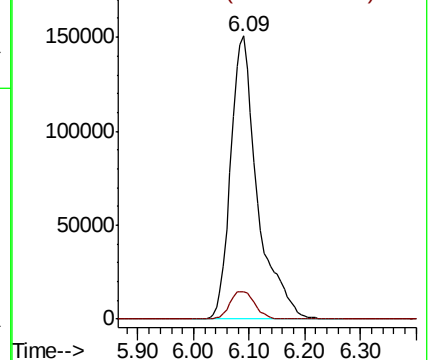
43 100

86 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.798 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

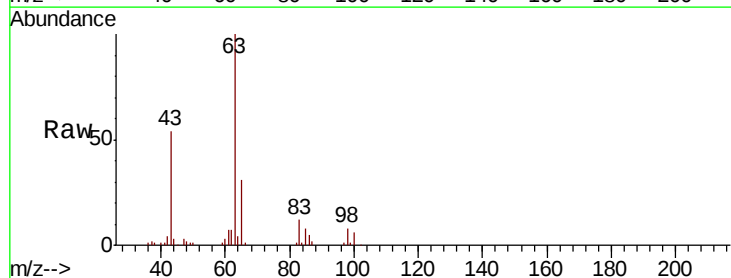
Tgt Ion: 63 Resp: 81881

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

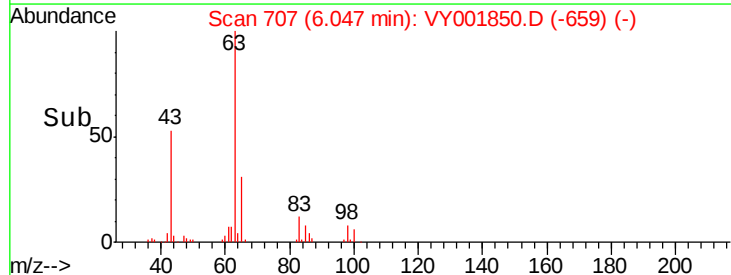
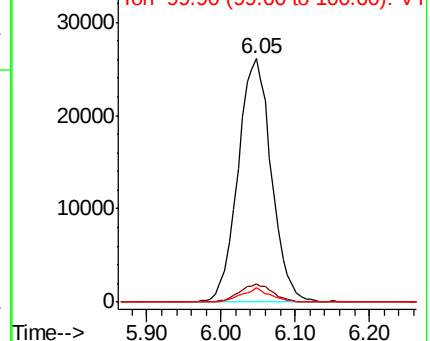
100 5.7 2.0 6.0

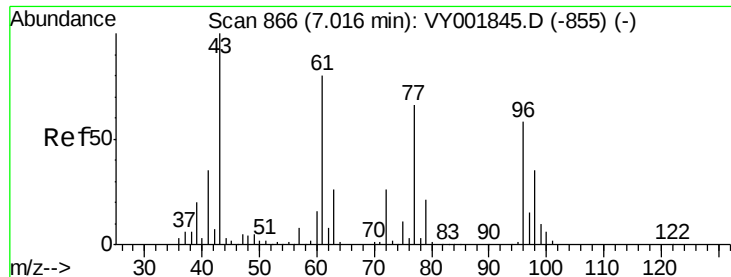


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.537 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

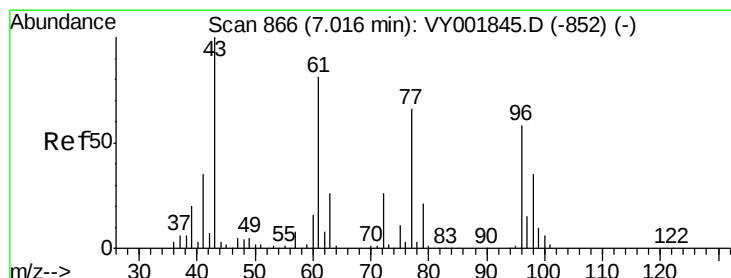
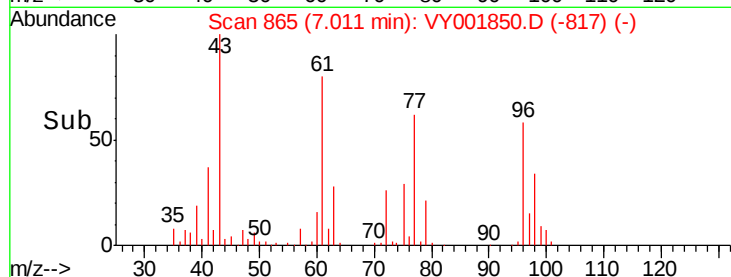
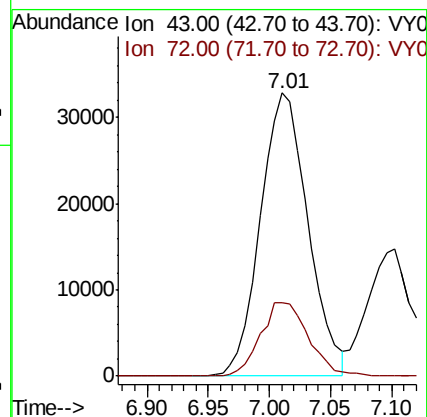
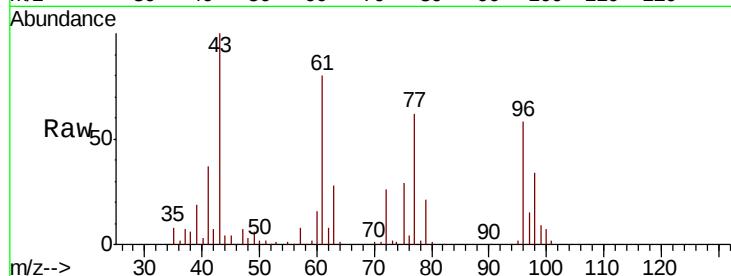
VY0304SBS01

Tot Ion: 43 Resp: 88946

Ion Ratio Lower Upper

43 100

72 26.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.947 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001850.D

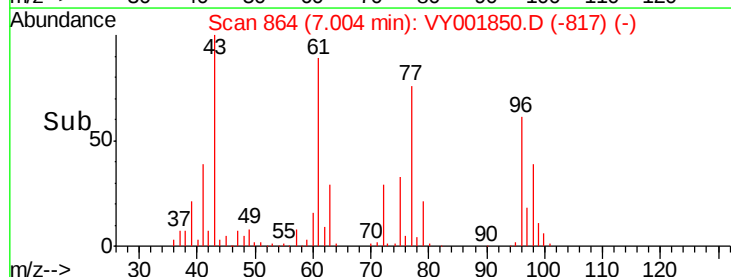
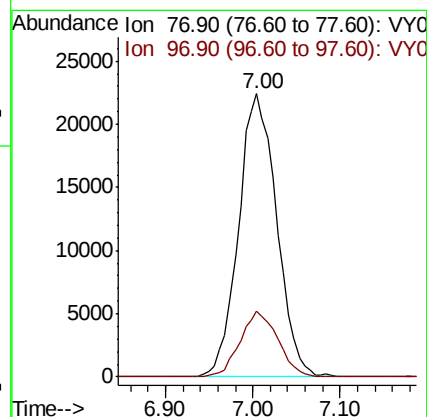
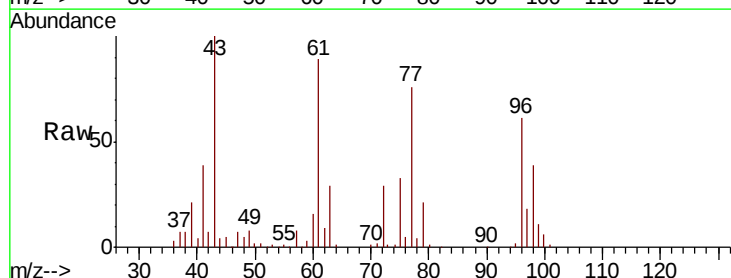
Acq: 04 Mar 2020 14:02

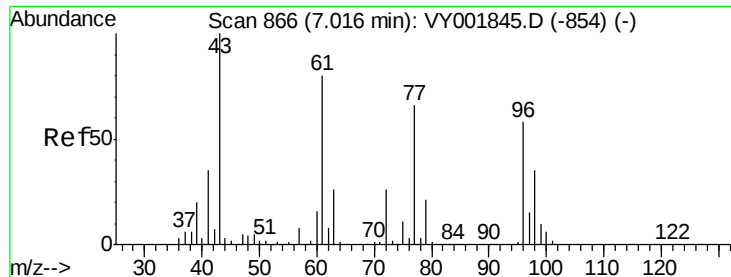
Tgt Ion: 77 Resp: 67688

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.7



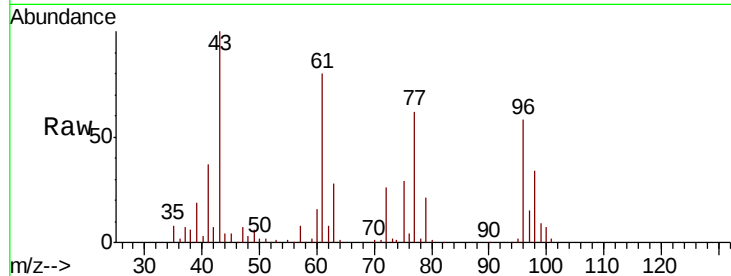


#27

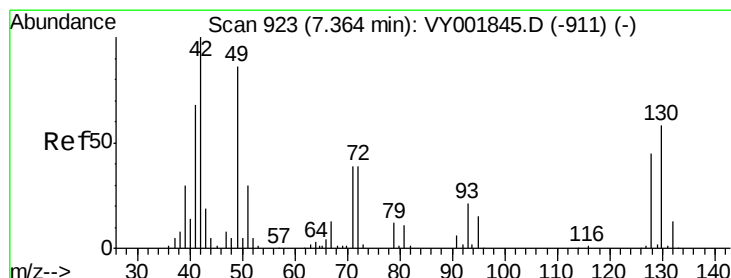
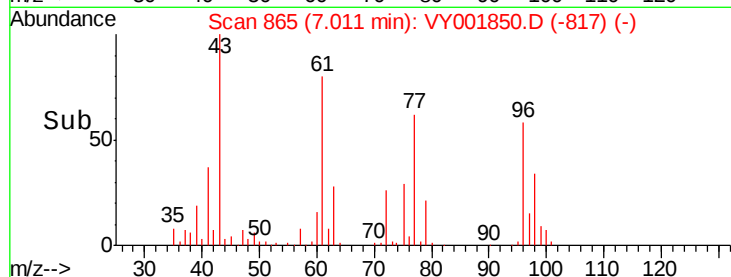
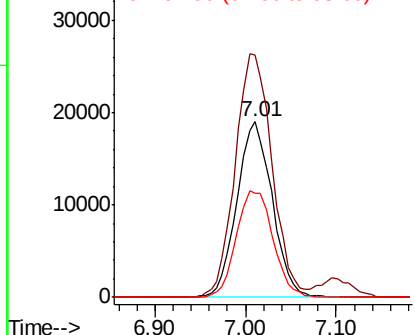
cis-1,2-Dichloroethene
Concen: 20.761 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Tot Ion: 96 Resp: 51281
Ion Ratio Lower Upper
96 100
61 144.3 0.0 288.2
98 63.2 0.0 129.0



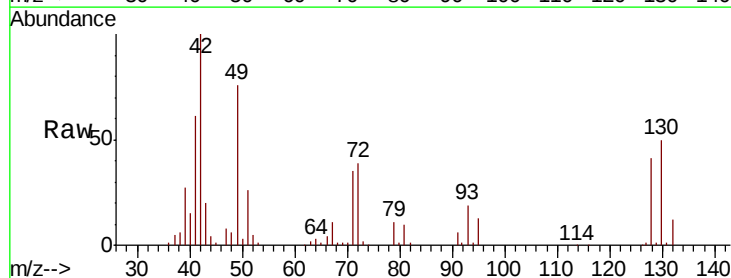
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



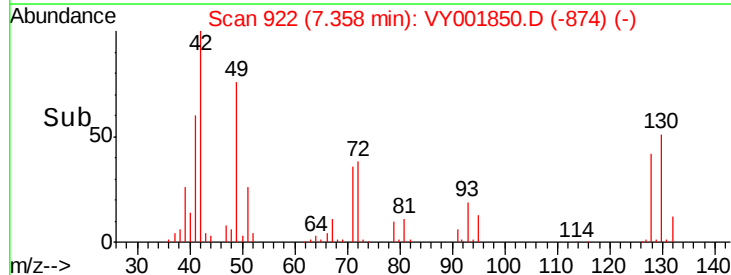
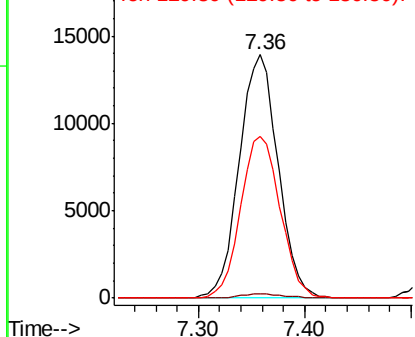
#28

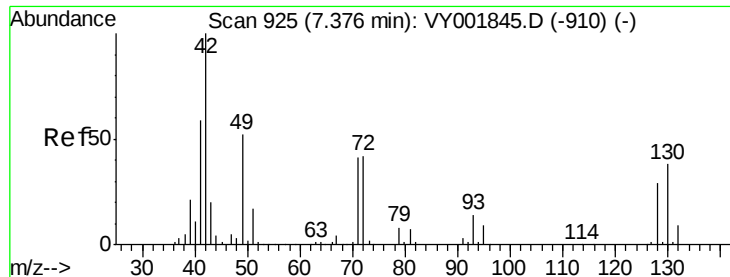
Bromochloromethane
Concen: 20.101 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 49 Resp: 35670
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 67.8 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 102.958 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

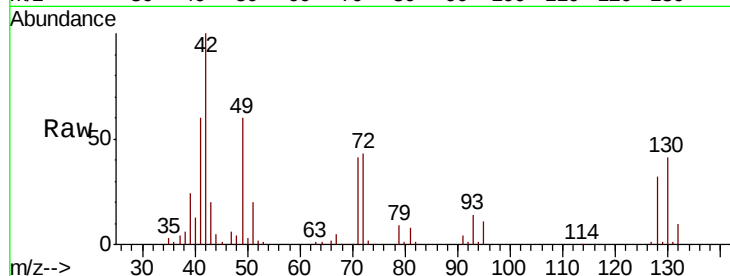
Tot Ion: 42 Resp: 58174

Ion Ratio Lower Upper

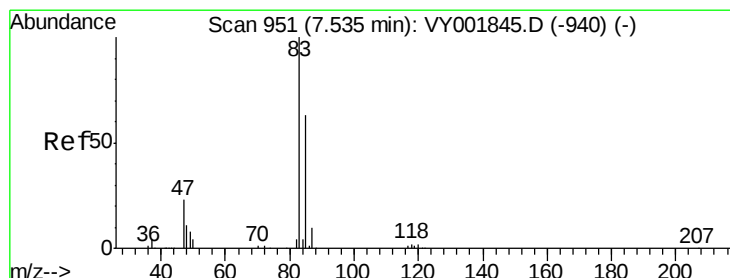
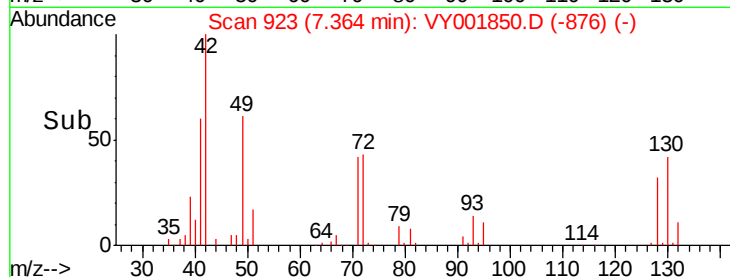
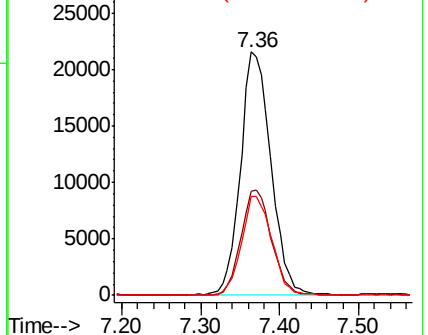
42 100

72 43.2 33.5 50.3

71 40.1 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: 20.379 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY001850.D

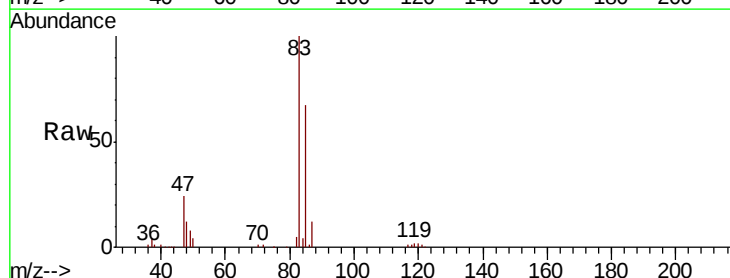
Acq: 04 Mar 2020 14:02

Tgt Ion: 83 Resp: 75382

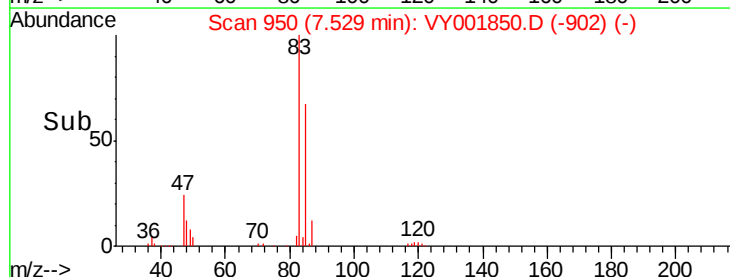
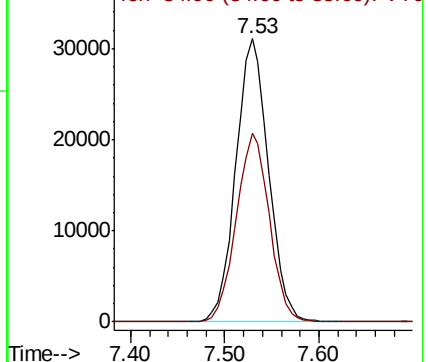
Ion Ratio Lower Upper

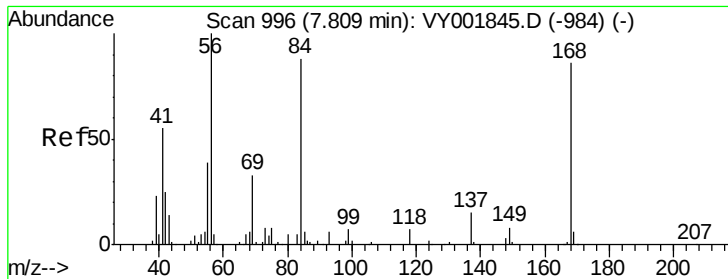
83 100

85 66.6 50.7 76.1



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

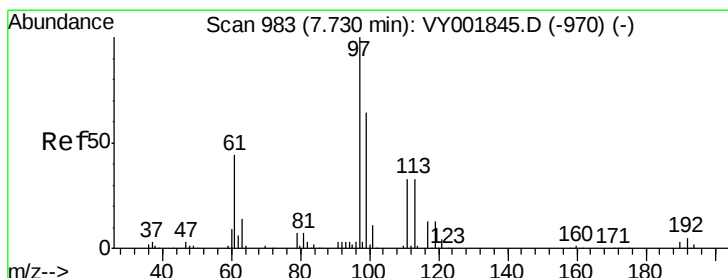
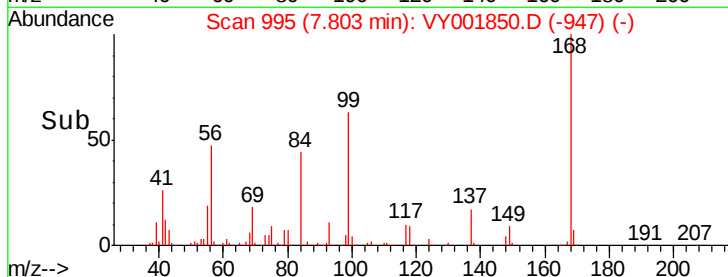
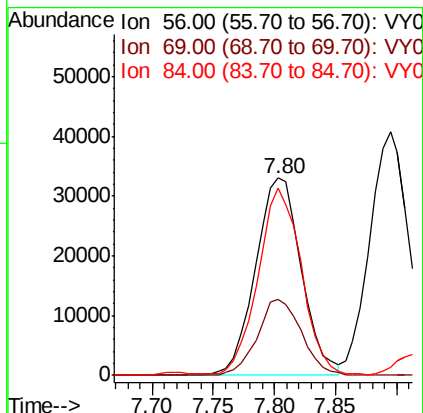
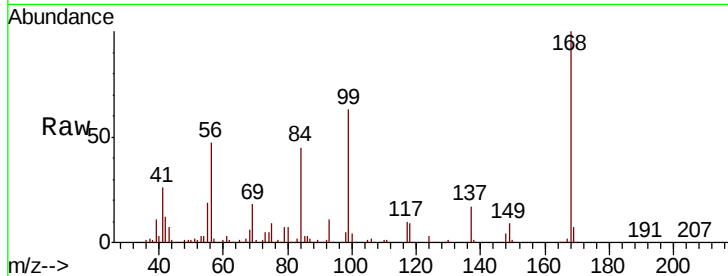




#31
Cyclohexane
Concen: 20.366 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

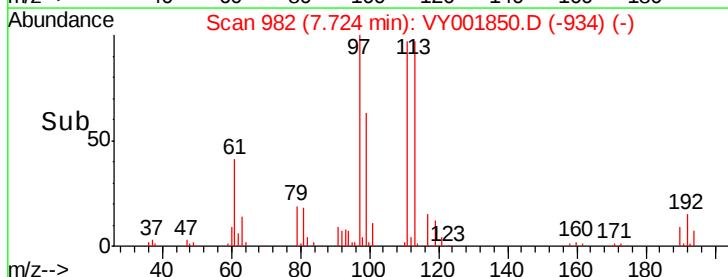
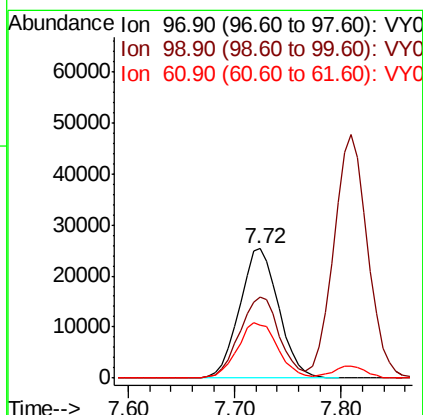
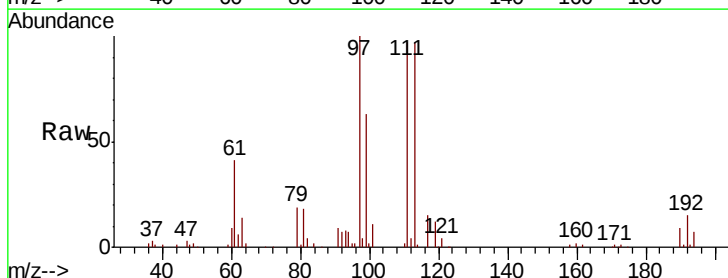
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

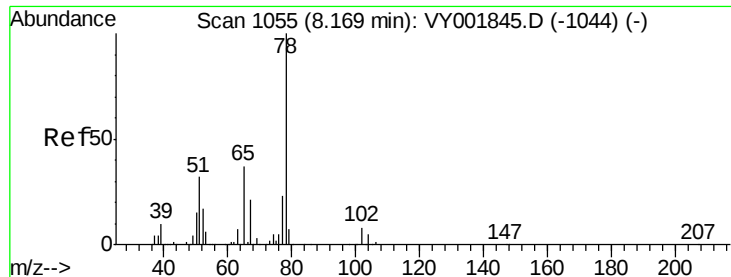
Tot Ion: 56 Resp: 85971
Ion Ratio Lower Upper
56 100
69 38.2 26.7 40.1
84 93.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 20.961 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 97 Resp: 65347
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 44.0 35.0 52.4

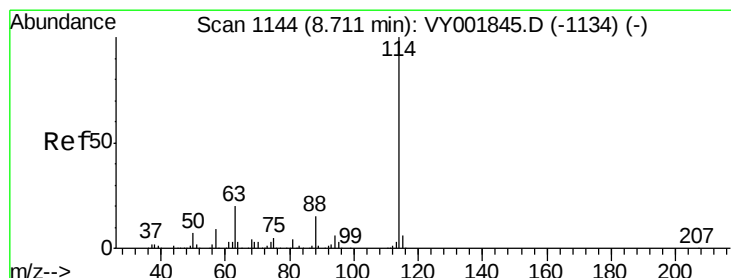
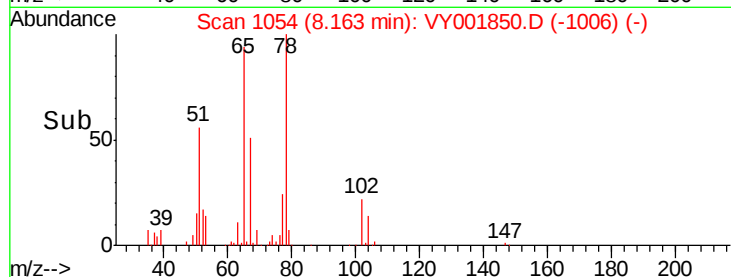
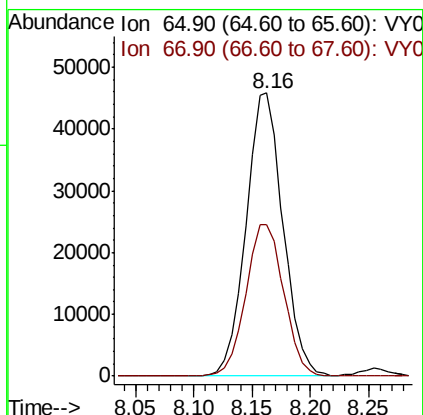
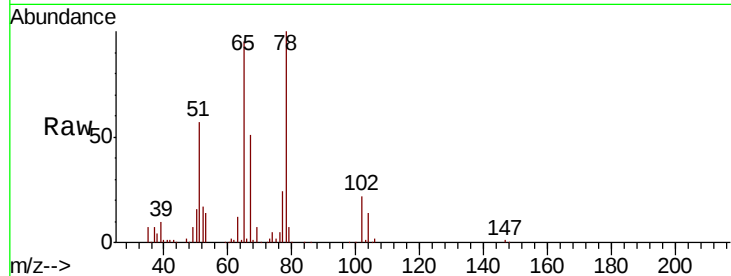




#33
 1,2-Dichloroethane-d4
 Concen: 52.723 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

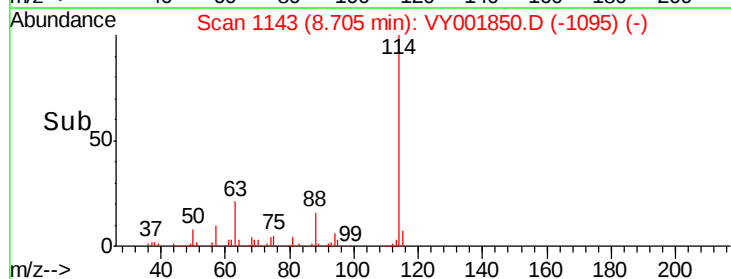
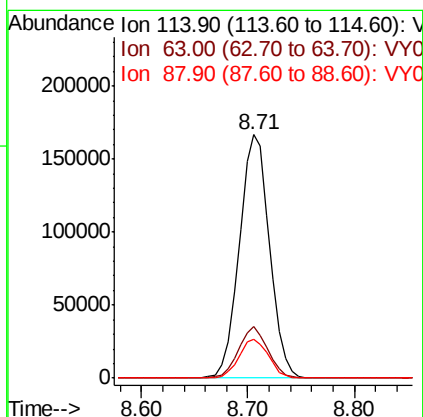
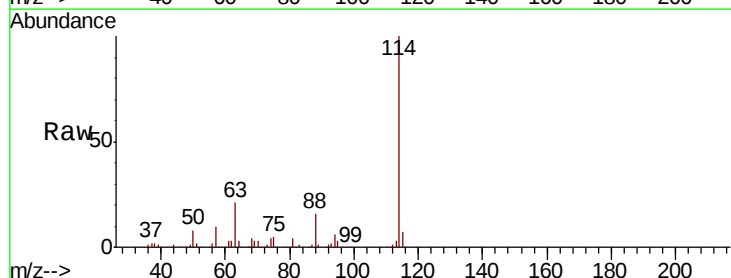
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

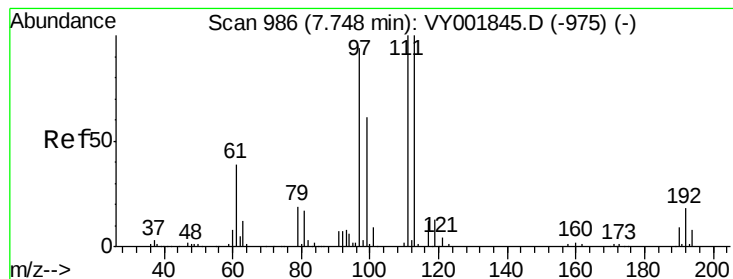
Tot Ion: 65 Resp: 101281
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion: 114 Resp: 330936
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.4
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.941 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

VY0304SBS01

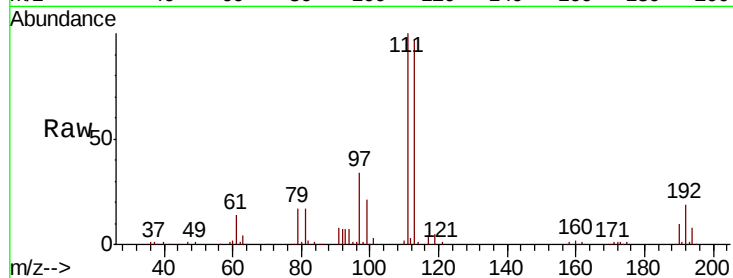
Tot Ion:113 Resp: 93860

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

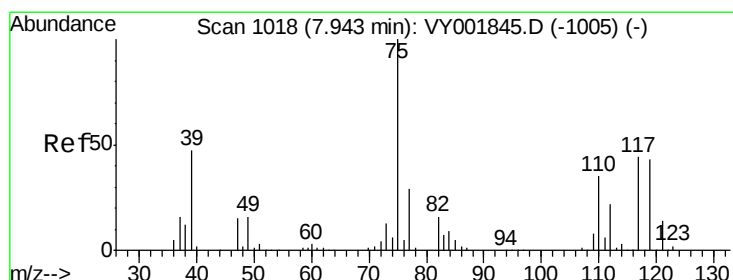
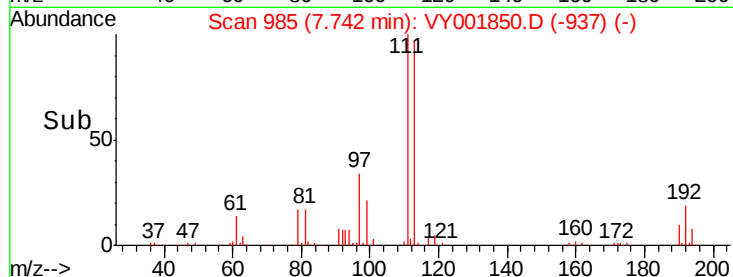
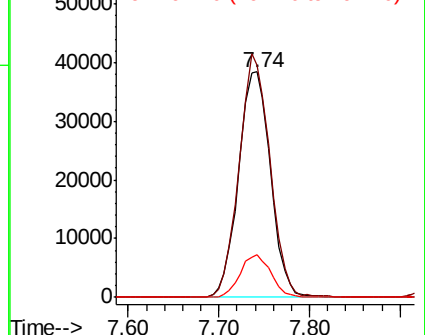
192 18.2 14.2 21.2



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: 20.320 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

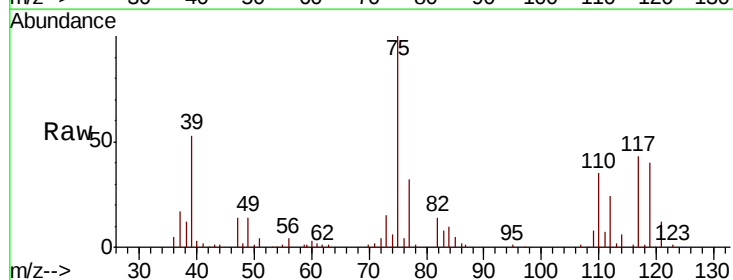
Tgt Ion: 75 Resp: 64711

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.2

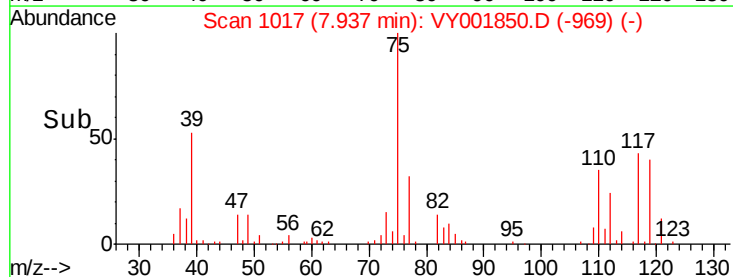
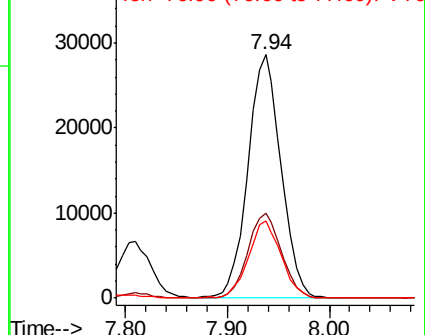
77 31.5 24.2 36.2

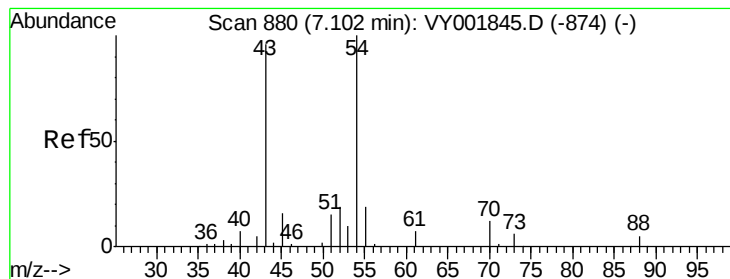


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 20.753 ug/l

RT: 7.10 min Scan# 880

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

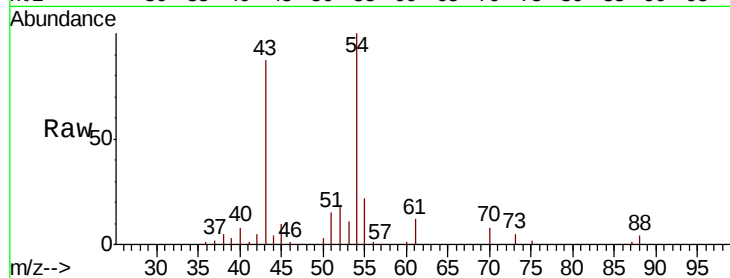
Tot Ion: 43 Resp: 38411

Ion Ratio Lower Upper

43 100

61 14.3 11.1 16.7

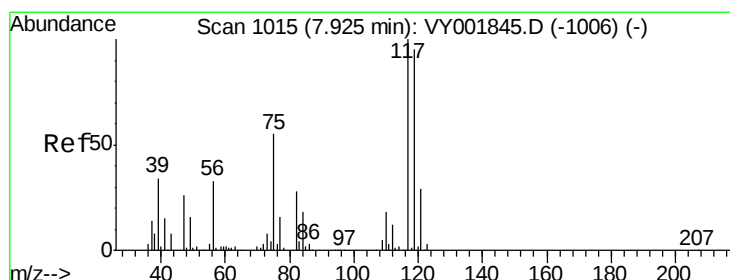
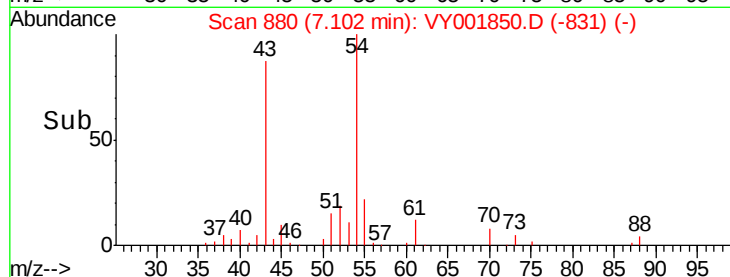
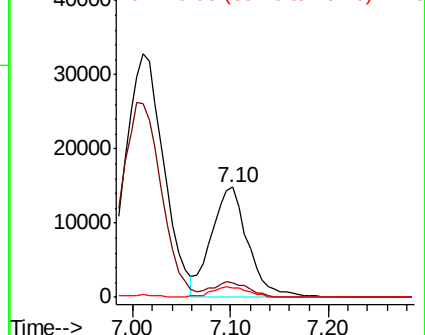
70 10.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 20.528 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

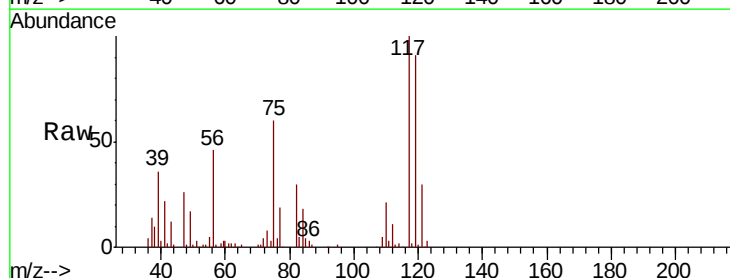
Tgt Ion: 117 Resp: 55847

Ion Ratio Lower Upper

117 100

119 91.0 76.3 114.5

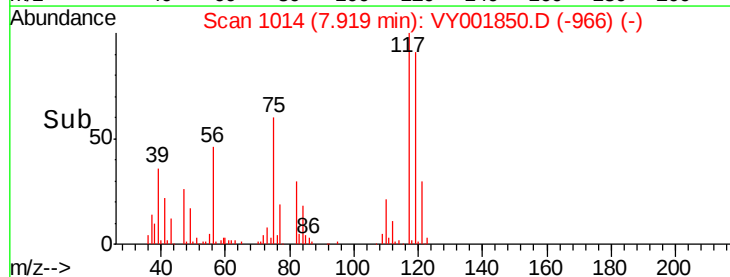
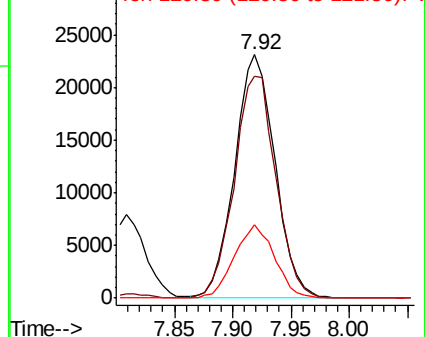
121 30.1 23.5 35.3

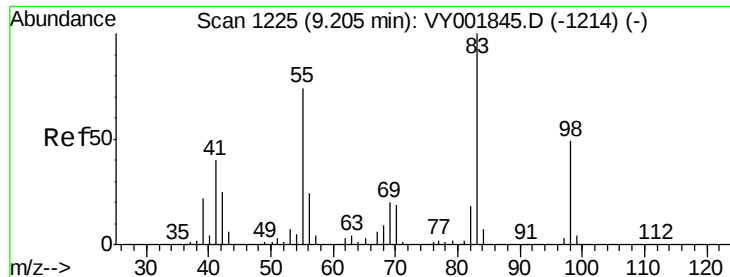


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

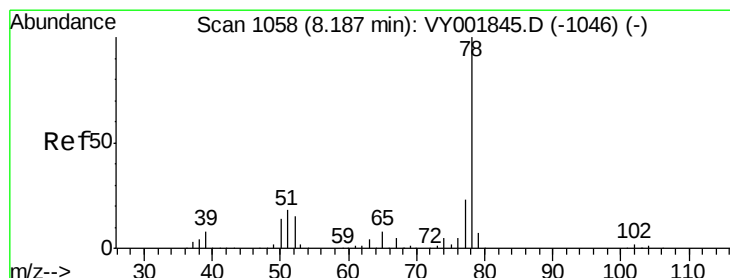
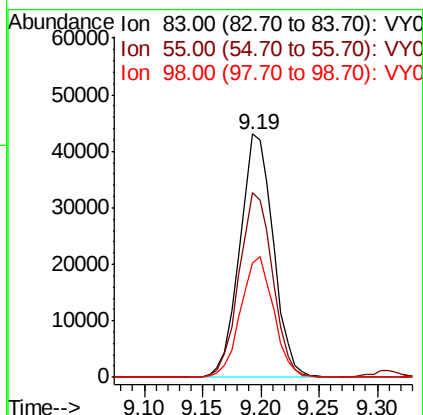
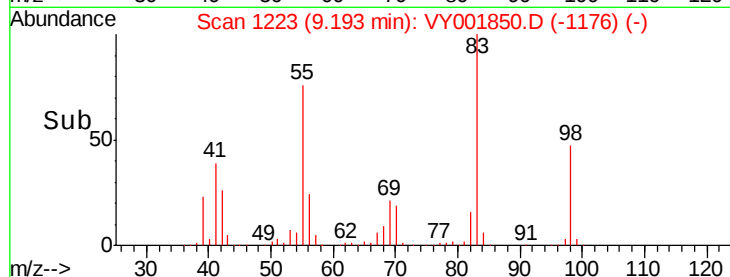
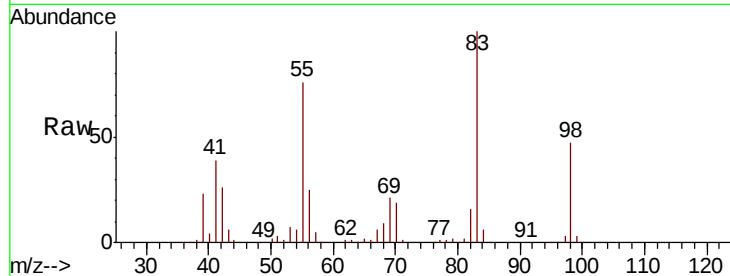




#39
Methvlcvclohexane
Concen: 20.490 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

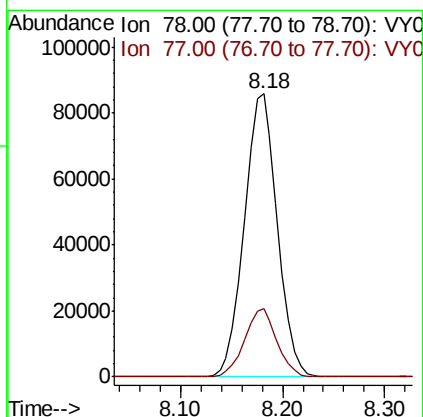
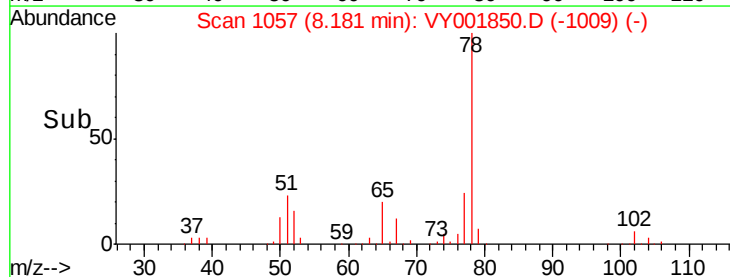
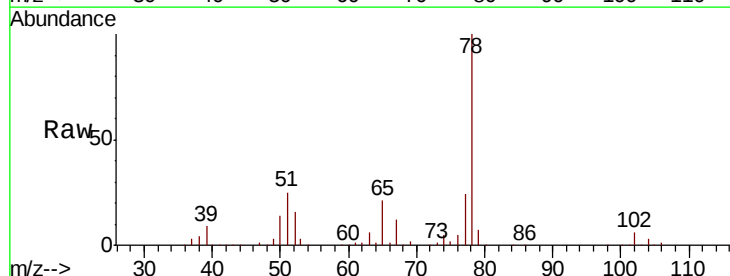
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

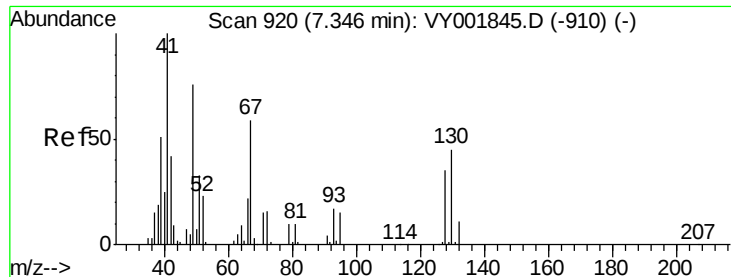
Tot Ion: 83 Resp: 86545
Ion Ratio Lower Upper
83 100
55 75.8 59.4 89.0
98 47.1 38.9 58.3



#40
Benzene
Concen: 20.374 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 78 Resp: 192312
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

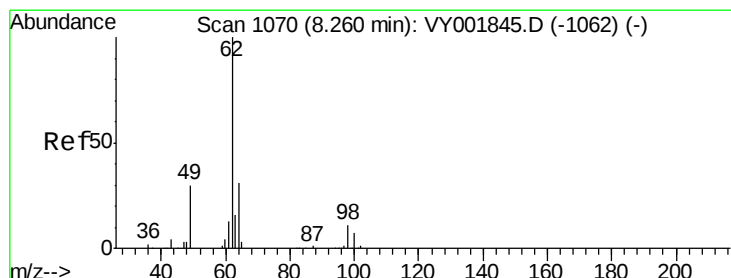
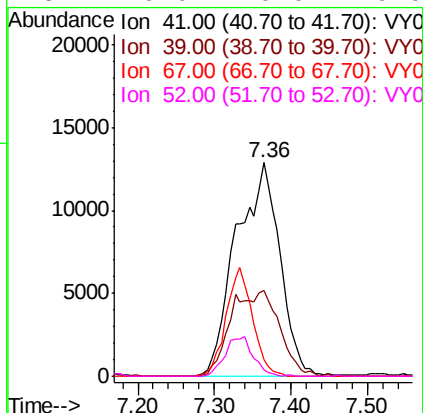
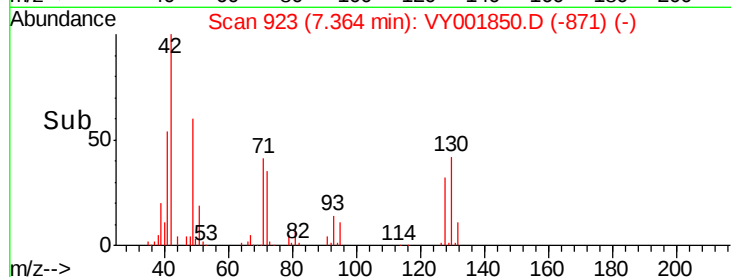
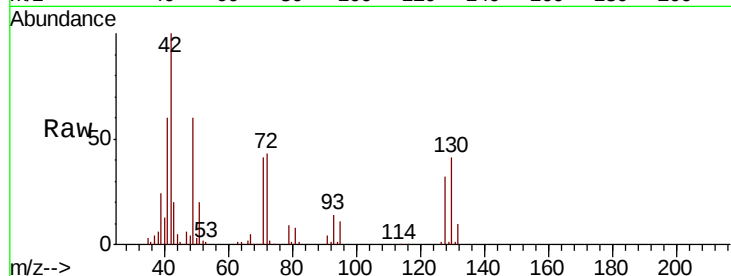




#41
Methacrylonitrile
Concen: 61.291 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

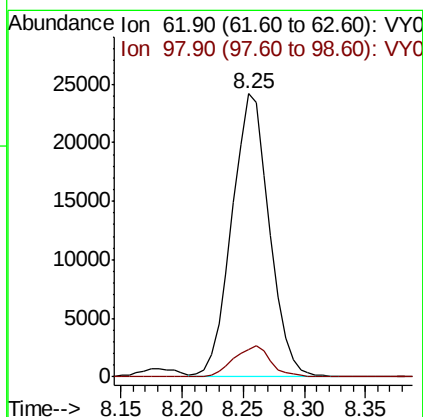
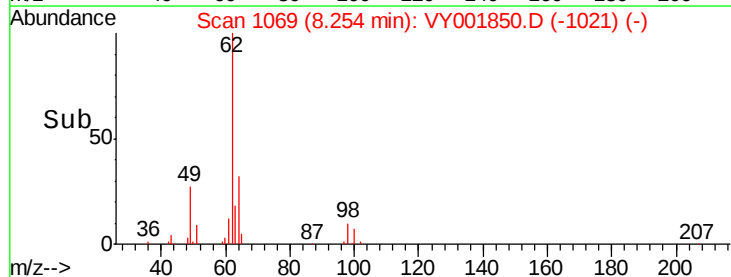
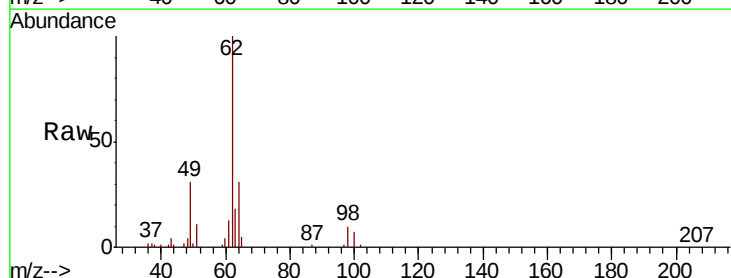
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

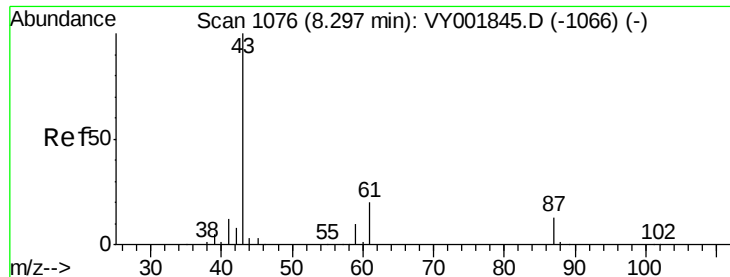
Tot Ion: 41 Resp: 51054
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.157 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 62 Resp: 51460
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.4

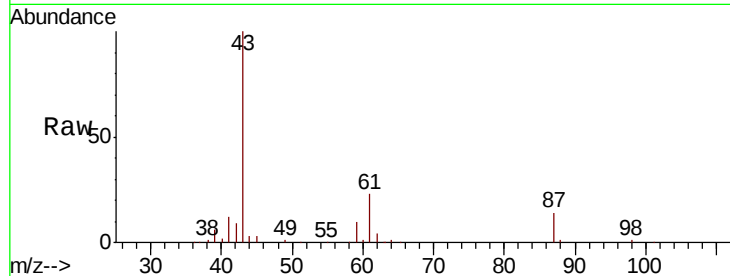




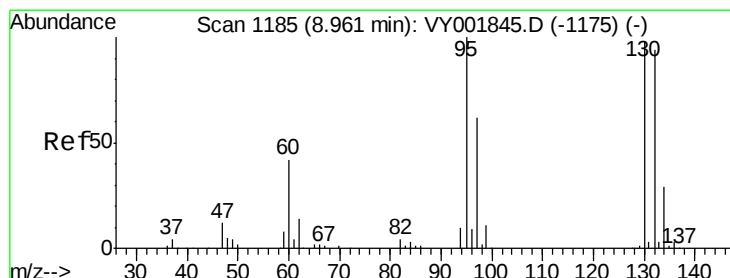
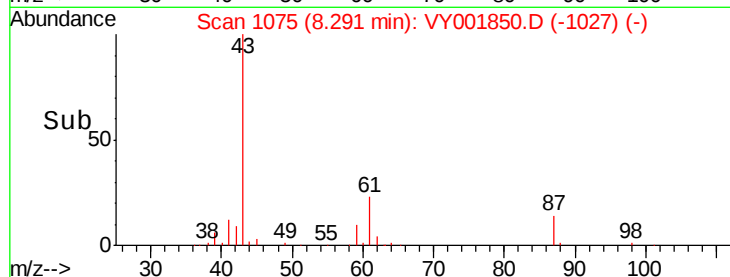
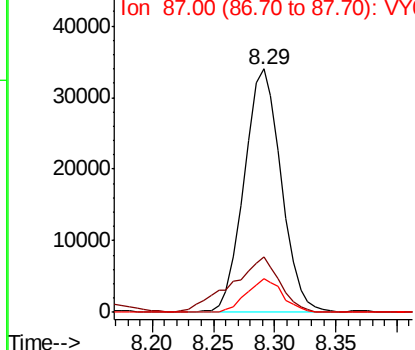
#43
Isopropyl Acetate
Concen: 20.447 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Tot Ion: 43 Resp: 71653
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.6
87 13.5 10.9 16.3

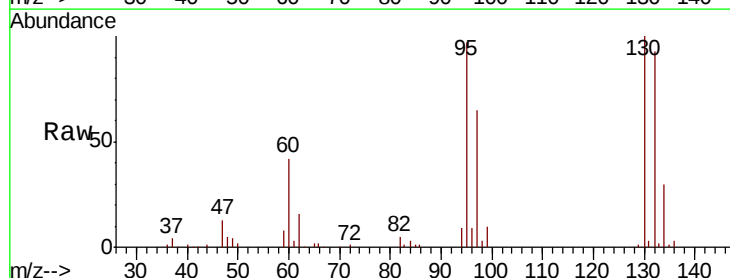


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

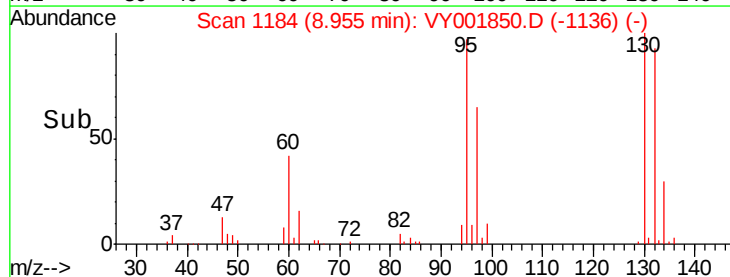
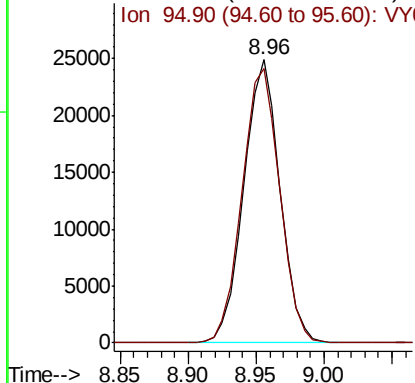


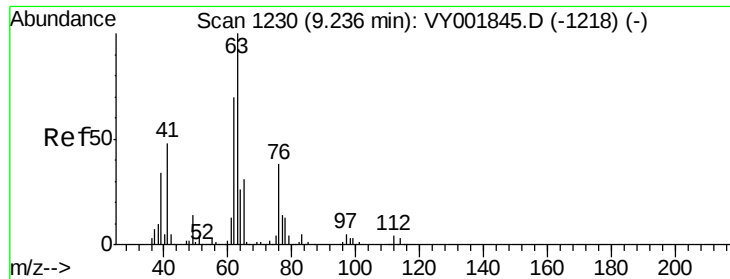
#44
Trichloroethene
Concen: 20.196 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion:130 Resp: 46427
Ion Ratio Lower Upper
130 100
95 96.8 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: 20.466 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

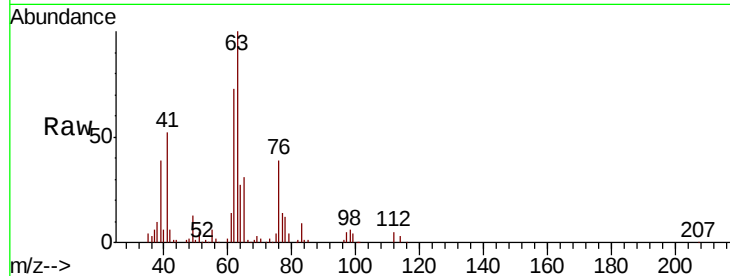
VY0304SBS01

Tot Ion: 63 Resp: 48563

Ion Ratio Lower Upper

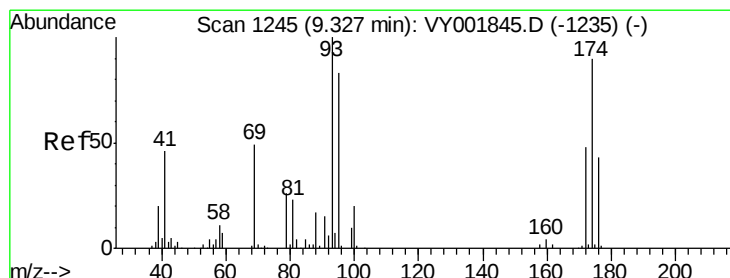
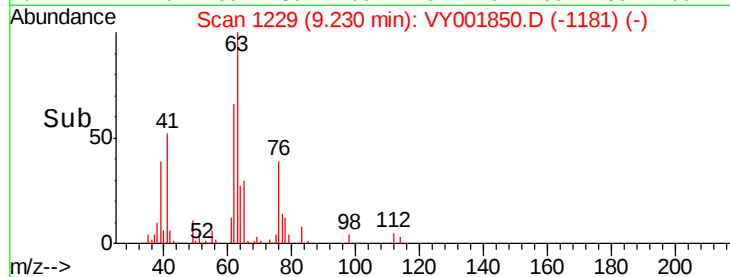
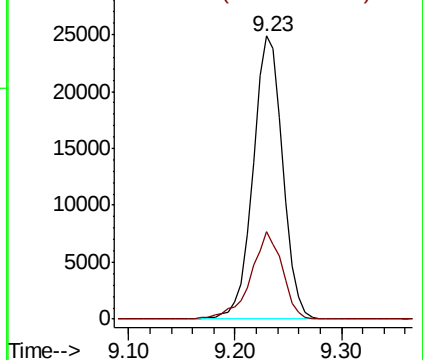
63 100

65 30.8 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: 20.240 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

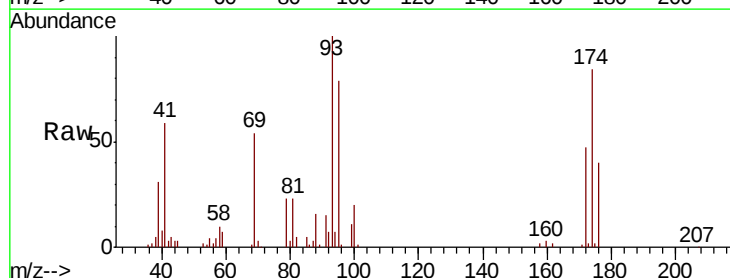
Tgt Ion: 93 Resp: 24749

Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.4

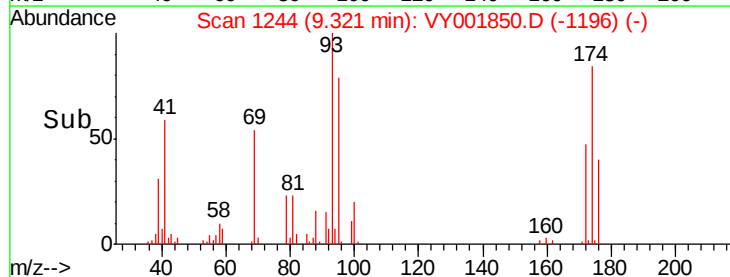
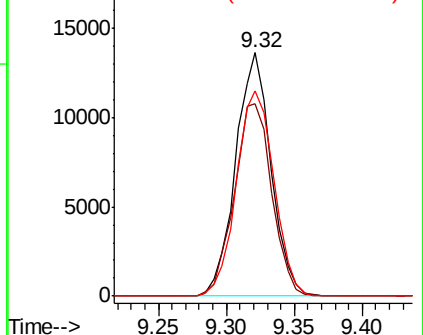
174 89.5 71.8 107.8

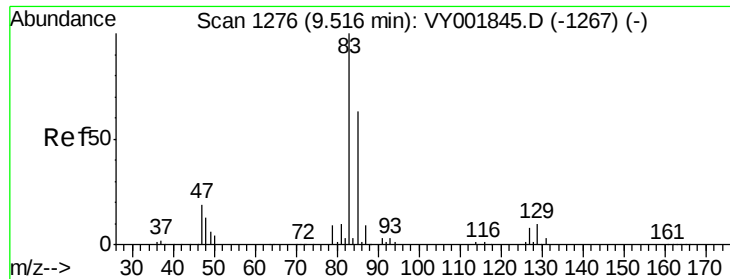


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.440 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

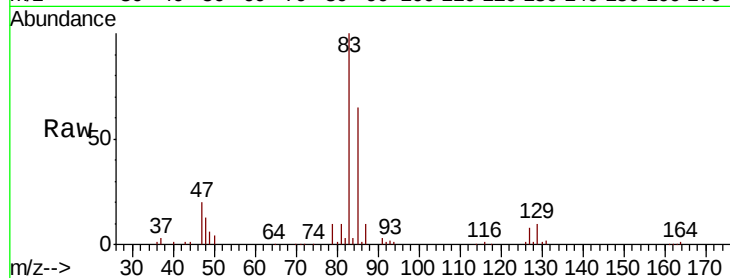
Tot Ion: 83 Resp: 58140

Ion Ratio Lower Upper

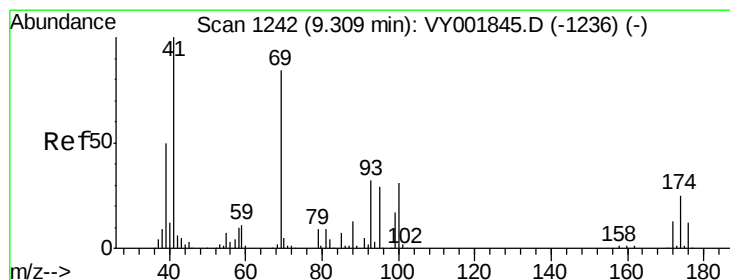
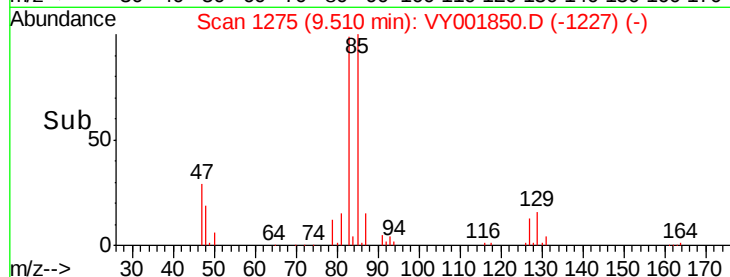
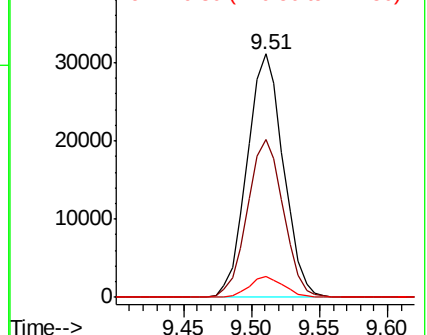
83 100

85 64.6 50.6 76.0

127 8.5 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: 20.781 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

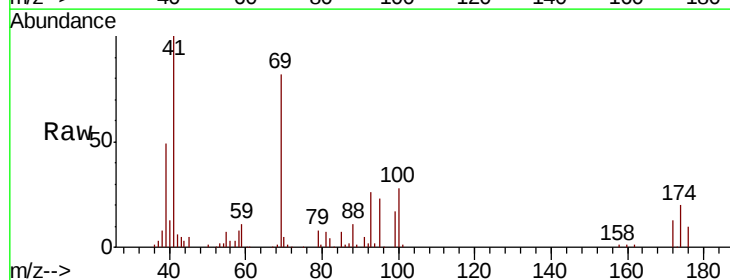
Tgt Ion: 41 Resp: 32314

Ion Ratio Lower Upper

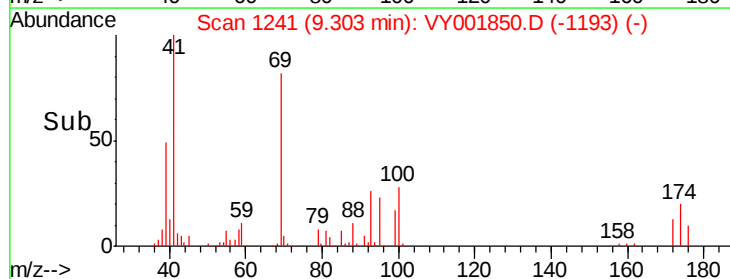
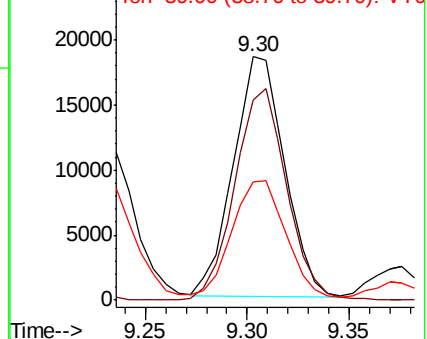
41 100

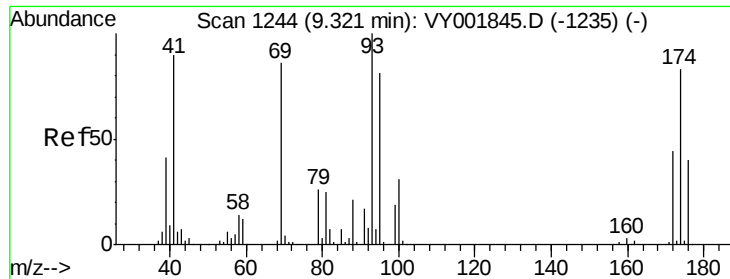
69 88.8 69.0 103.6

39 53.1 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

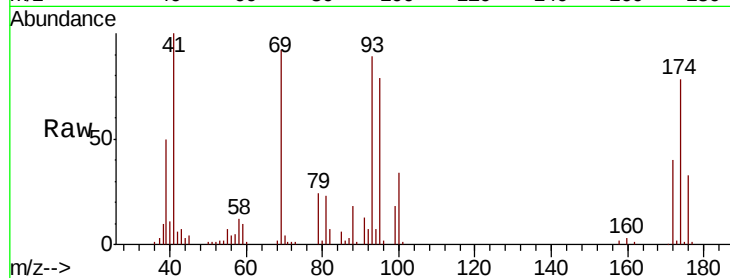




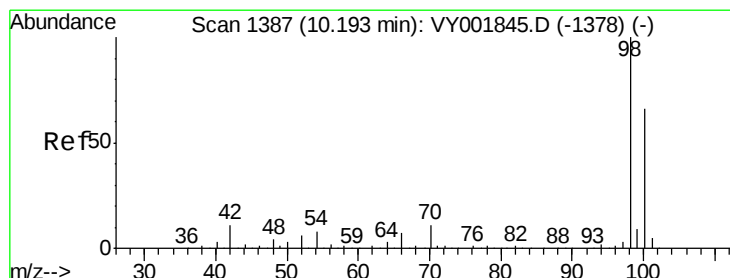
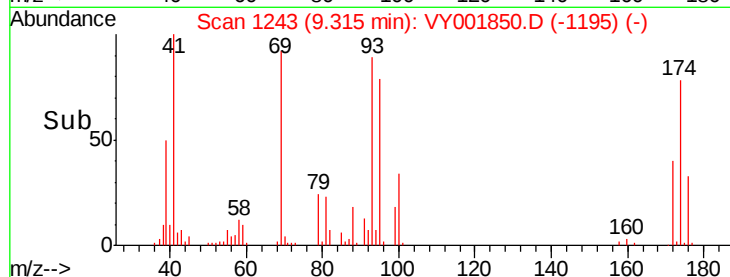
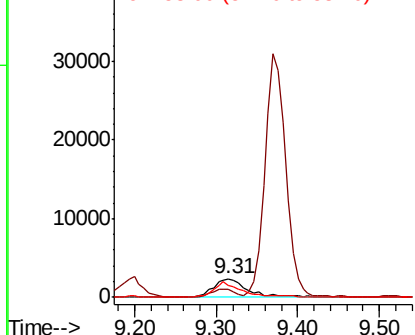
#49
 1,4-Dioxane
 Concen: 415.871 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Tot Ion: 88 Resp: 6968
 Ion Ratio Lower Upper
 88 100
 43 31.5 25.0 37.6
 58 62.9 58.9 88.3

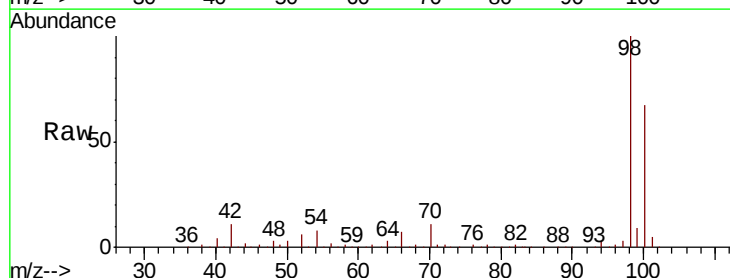


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

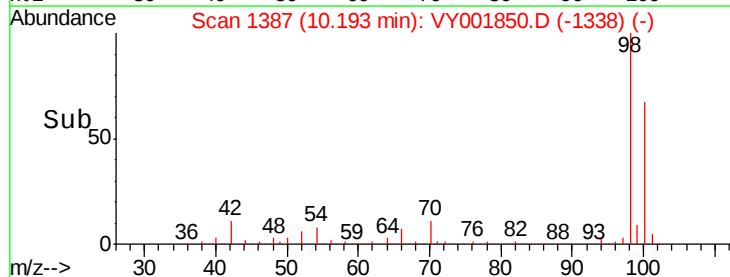
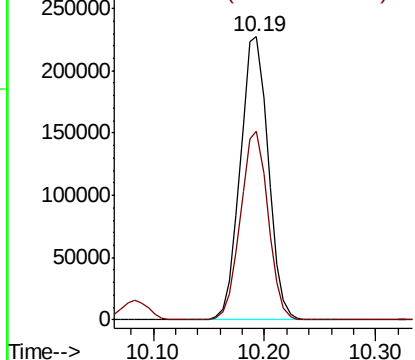


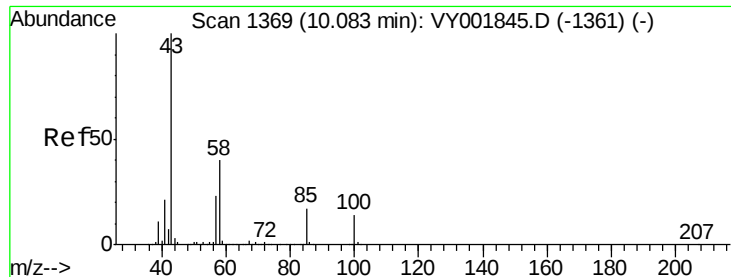
#50
 Toluene-d8
 Concen: 52.037 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion: 98 Resp: 396523
 Ion Ratio Lower Upper
 98 100
 100 65.5 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: 102.144 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

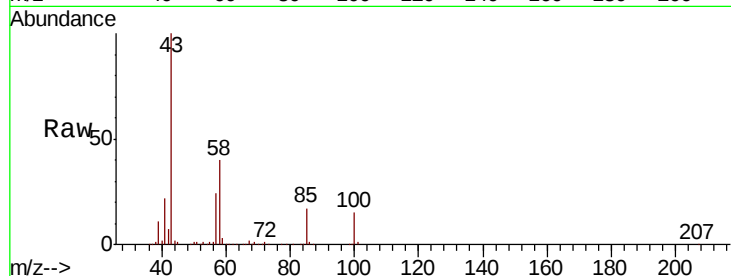
VY0304SBS01

Tot Ion: 43 Resp: 184365

Ion Ratio Lower Upper

43 100

58 40.3 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

120000

100000

80000

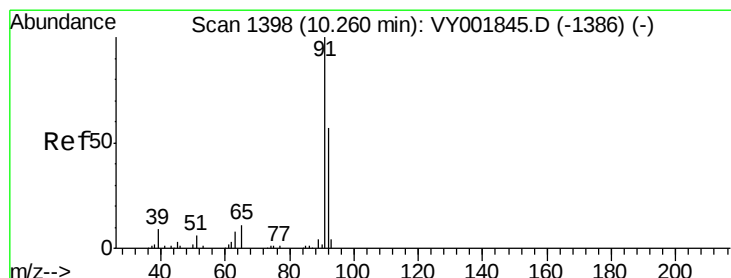
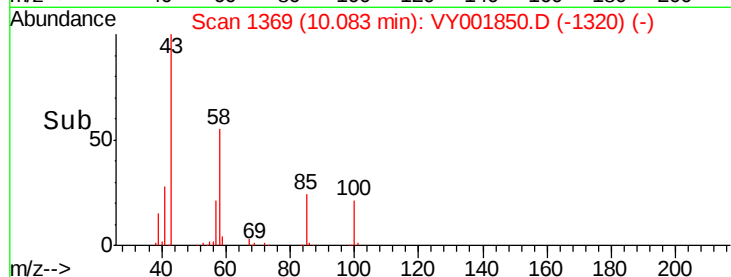
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.752 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001850.D

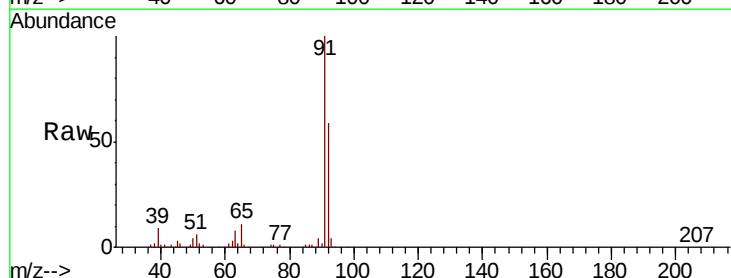
Acq: 04 Mar 2020 14:02

Tgt Ion: 92 Resp: 118994

Ion Ratio Lower Upper

92 100

91 170.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

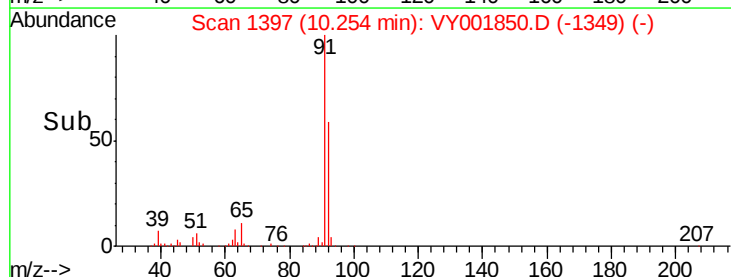
10.25

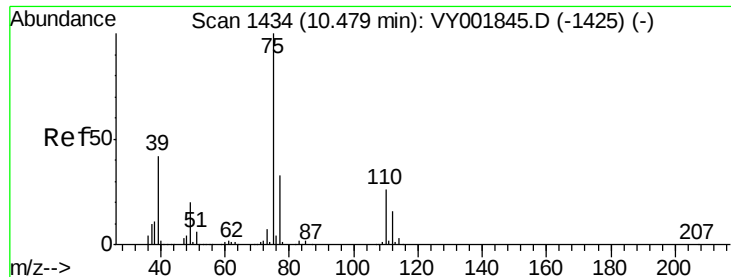
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.399 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

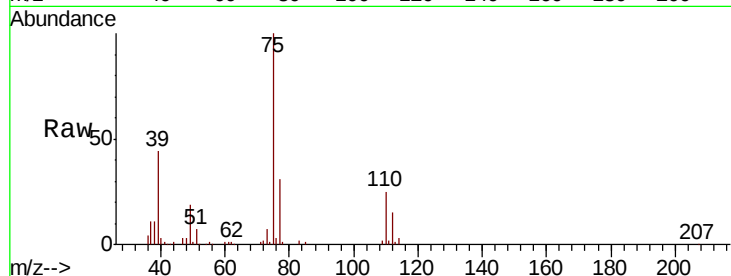
VY0304SBS01

Tot Ion: 75 Resp: 63217

Ion Ratio Lower Upper

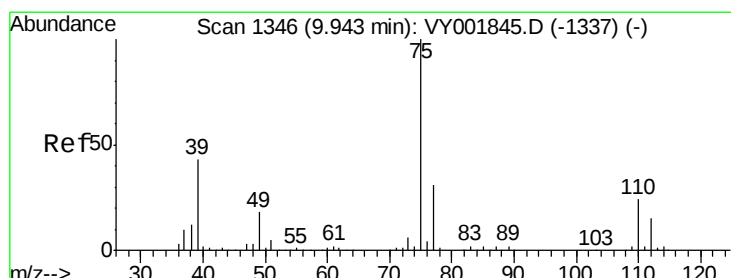
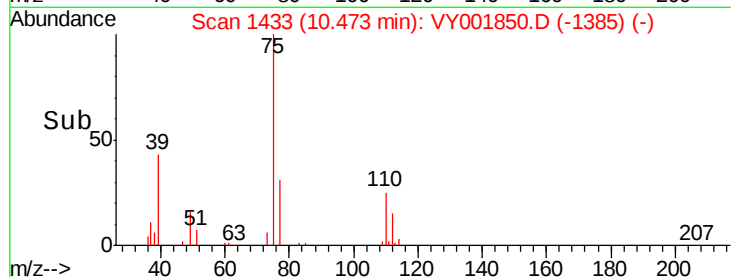
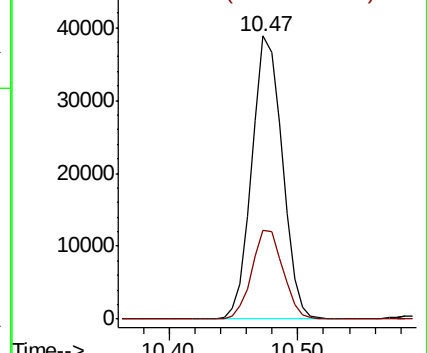
75 100

77 31.3 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.332 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

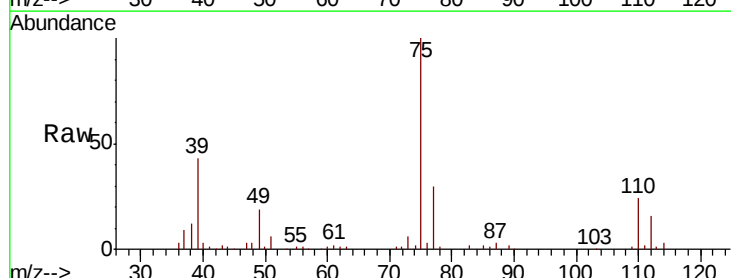
Tgt Ion: 75 Resp: 75009

Ion Ratio Lower Upper

75 100

77 30.3 25.1 37.7

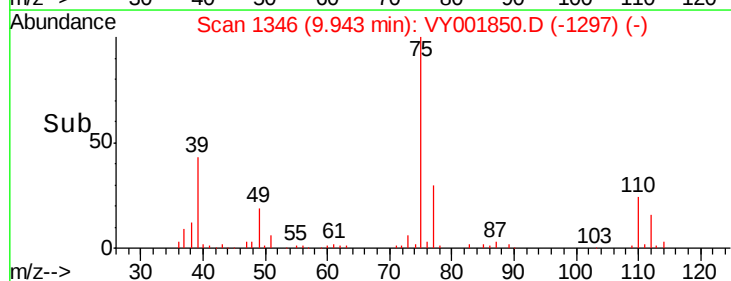
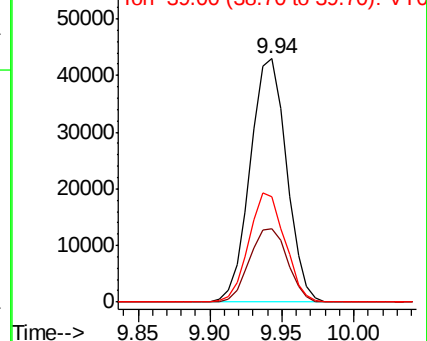
39 43.5 34.7 52.1

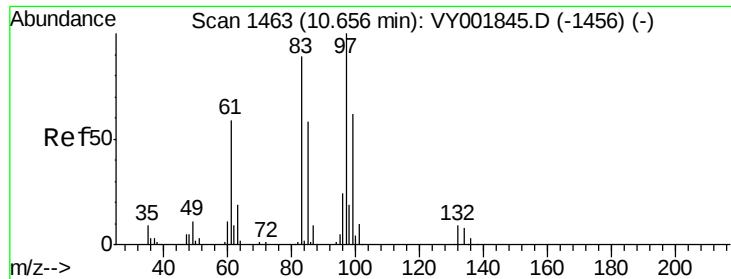


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.347 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

Tot Ion: 97 Resp: 36412

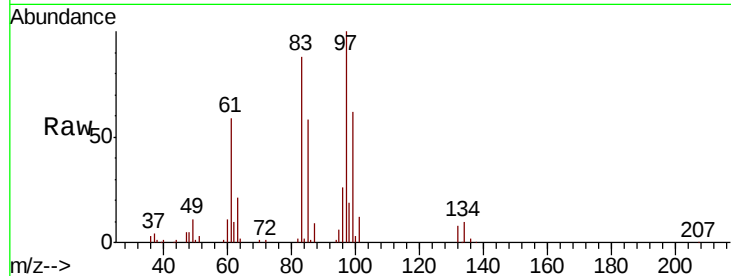
Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.6	107.4
85	57.9	46.6	69.8
99	62.3	49.8	74.6

97 100

83 88.3 71.6 107.4

85 57.9 46.6 69.8

99 62.3 49.8 74.6



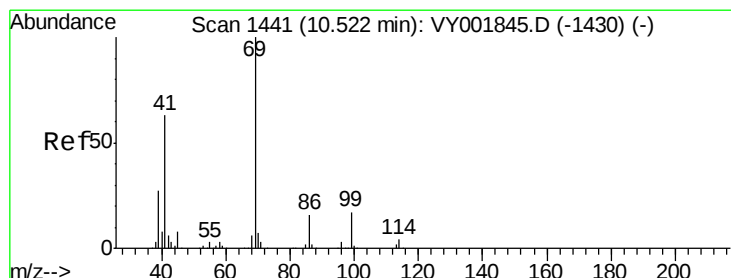
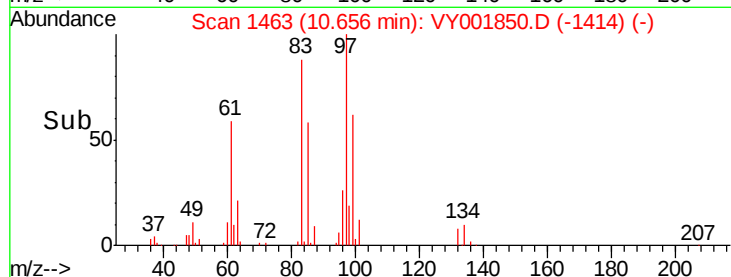
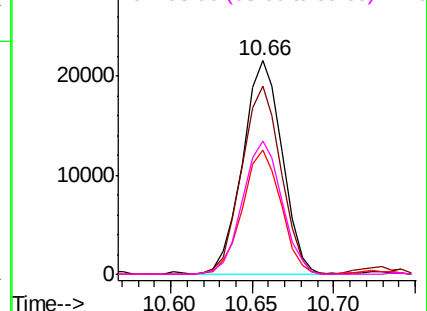
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.391 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

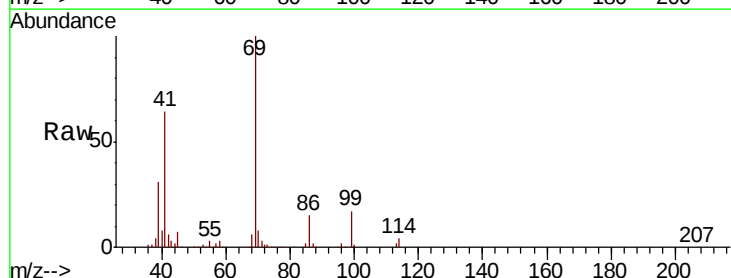
Tgt Ion: 69 Resp: 53485

Ion	Ratio	Lower	Upper
69	100		
41	64.6	49.9	74.9
39	32.1	23.0	34.6

69 100

41 64.6 49.9 74.9

39 32.1 23.0 34.6

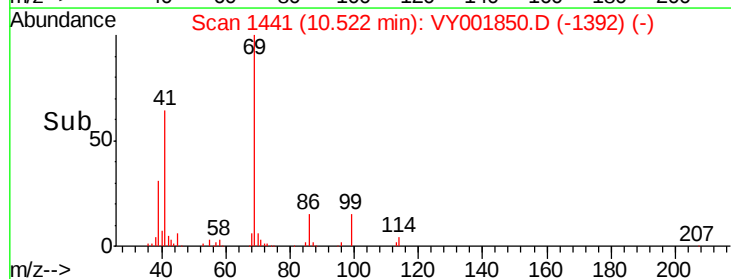
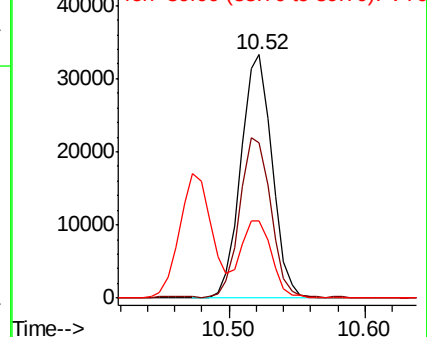


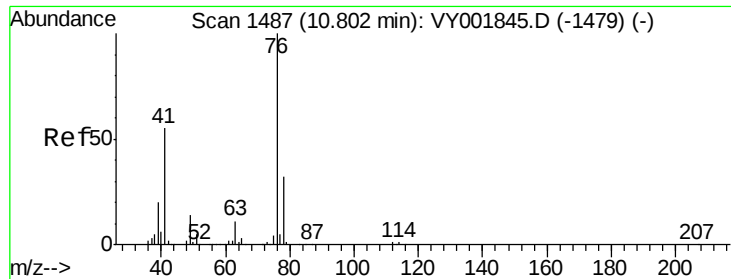
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.527 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

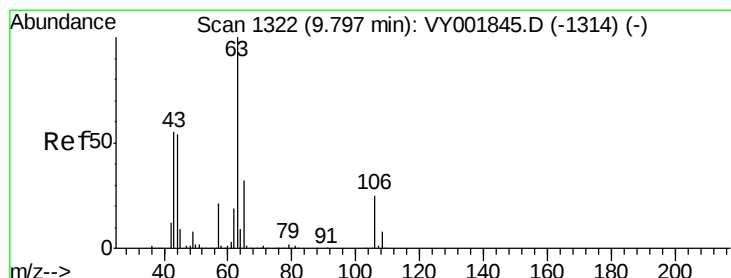
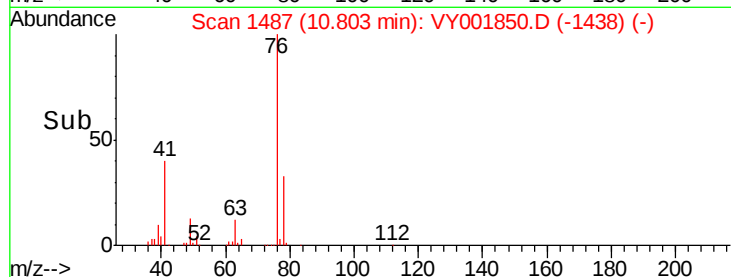
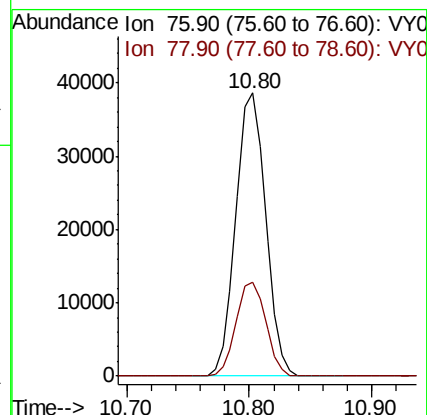
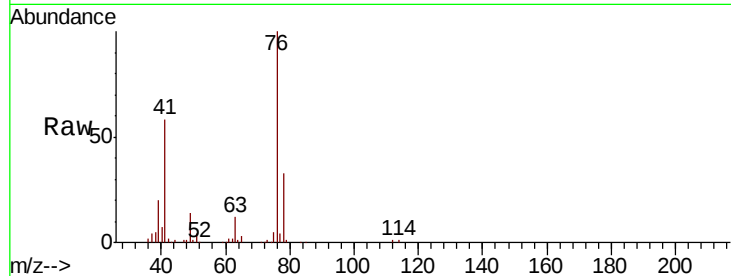
VY0304SBS01

Tot Ion: 76 Resp: 65479

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 129.596 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001850.D

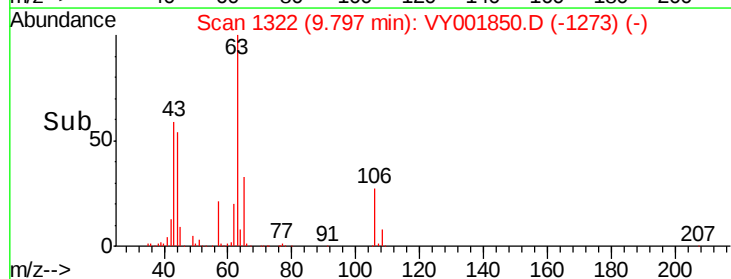
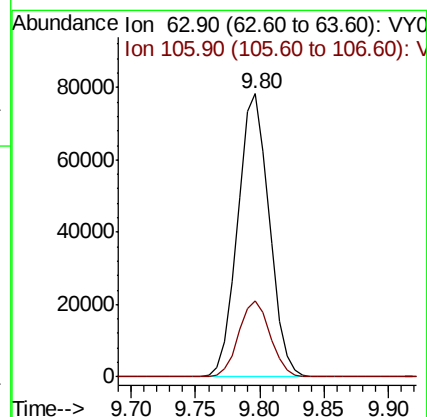
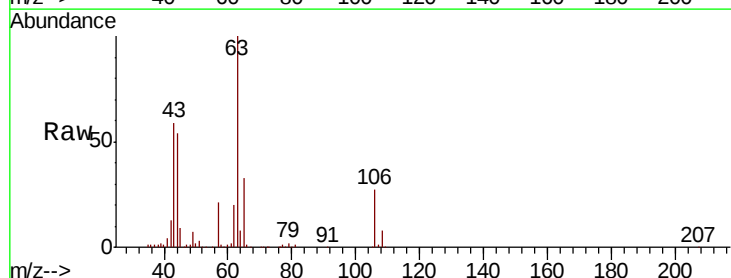
Acq: 04 Mar 2020 14:02

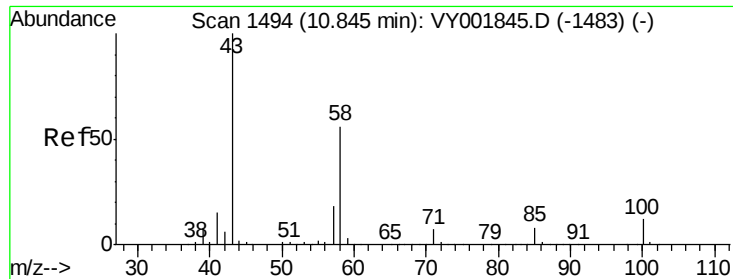
Tgt Ion: 63 Resp: 133029

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

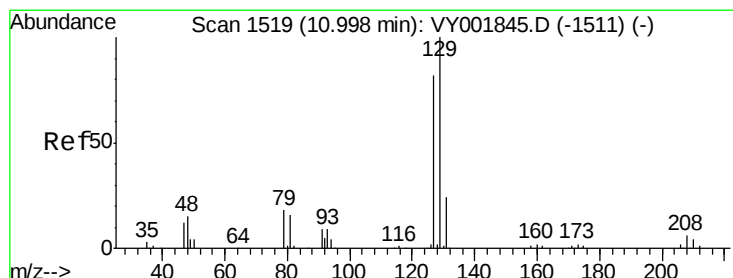
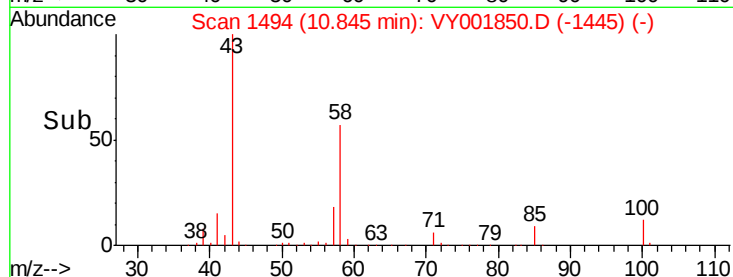
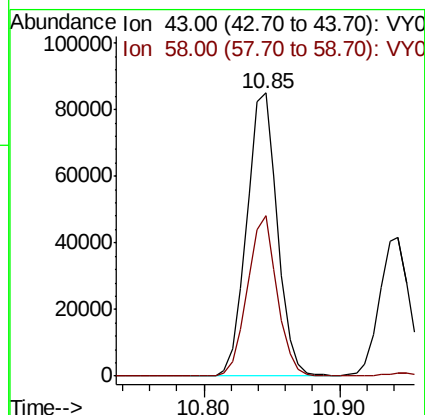
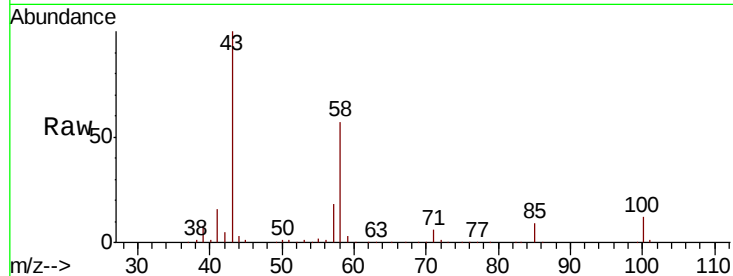




#59
2-Hexanone
Concen: 104.088 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

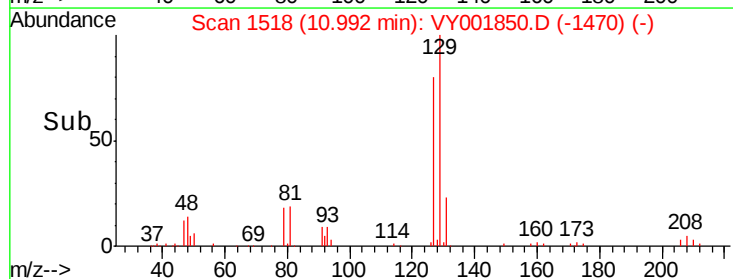
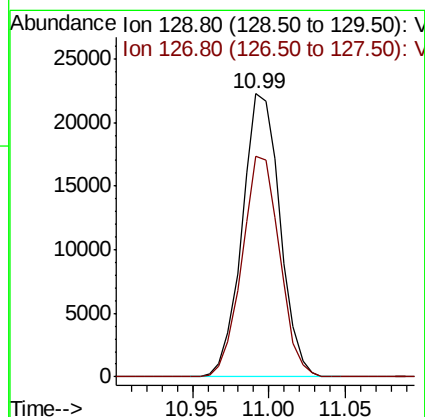
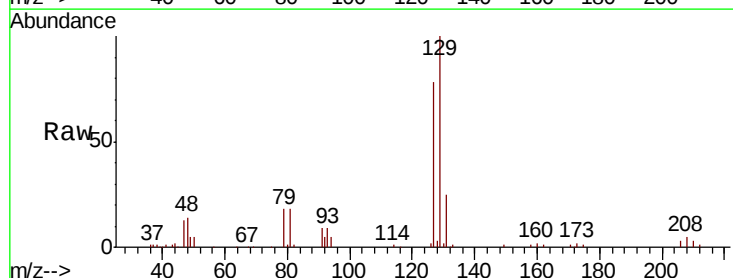
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

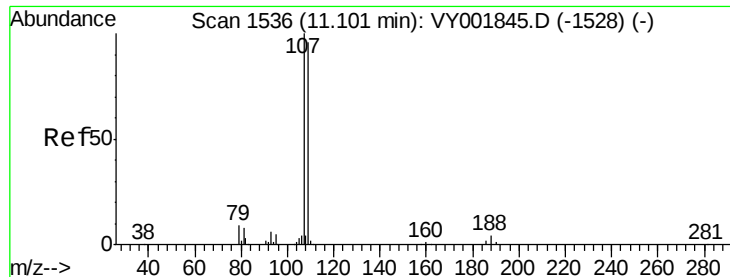
Tot Ion: 43 Resp: 134095
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.3



#60
Dibromochloromethane
Concen: 20.243 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion:129 Resp: 38172
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

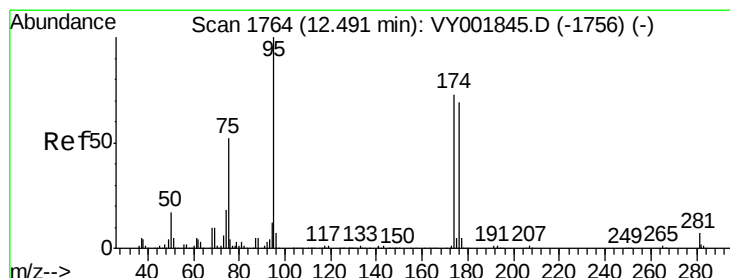
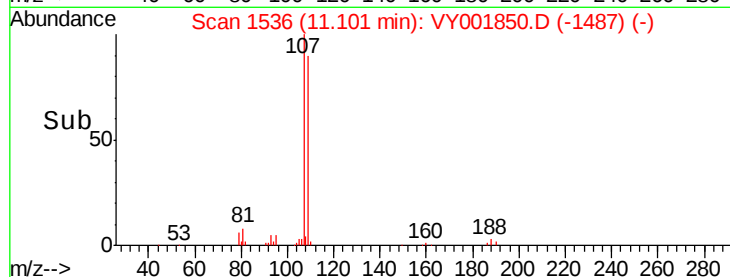
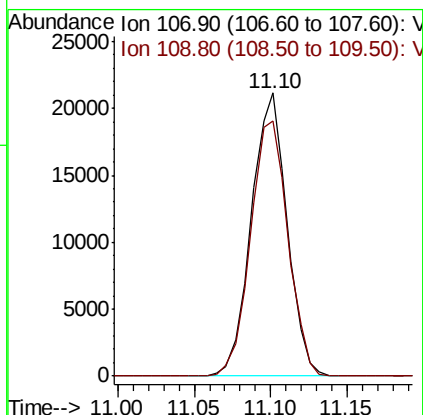
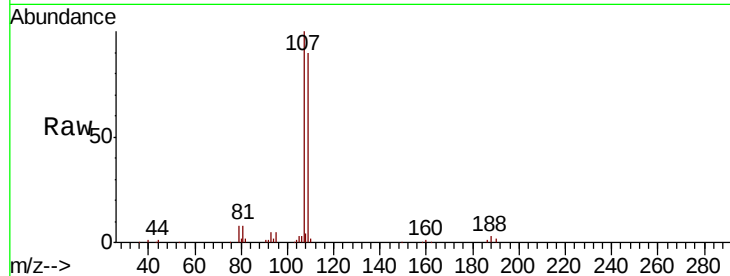




#61
 1,2-Dibromoethane
 Concen: 20.257 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

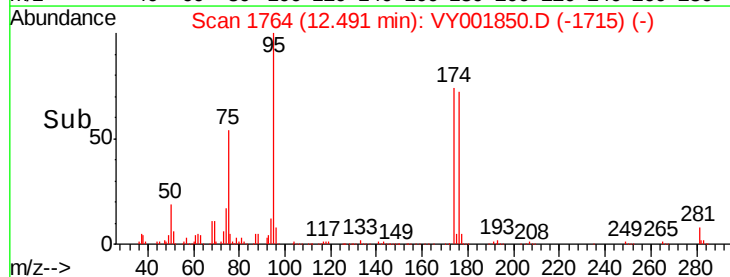
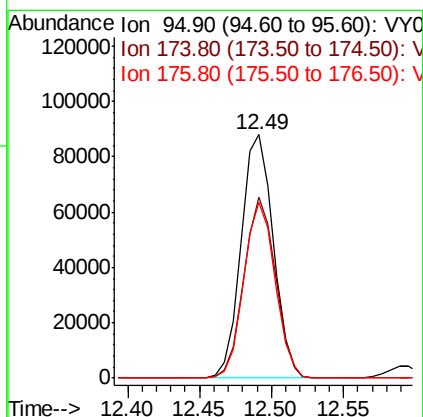
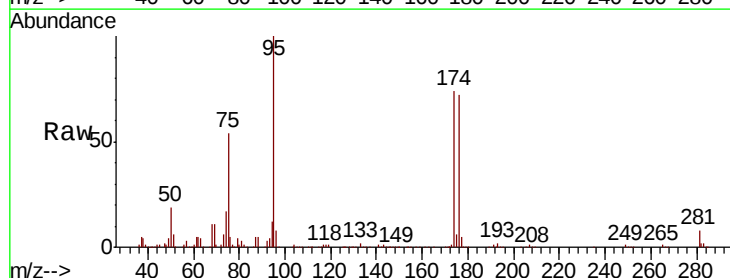
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

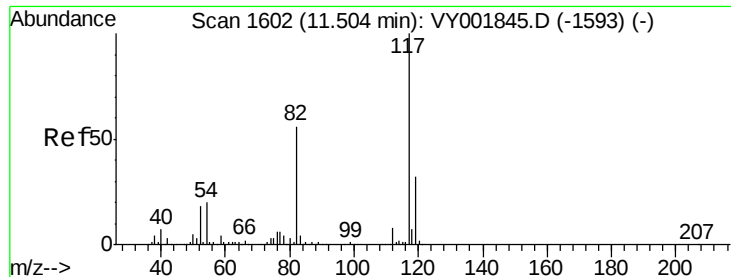
Tot Ion: 107 Resp: 34338
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.352 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion: 95 Resp: 136062
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 145.0
 176 70.1 0.0 137.4

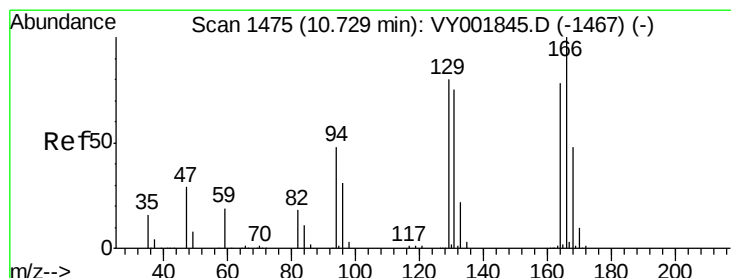
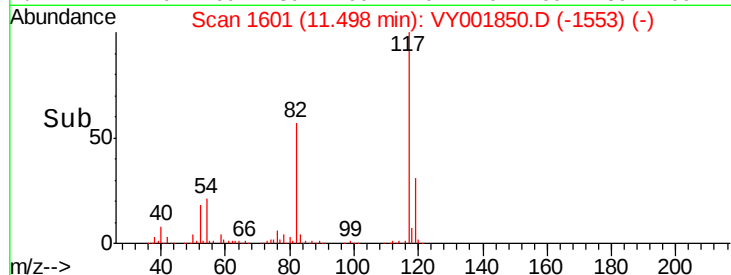
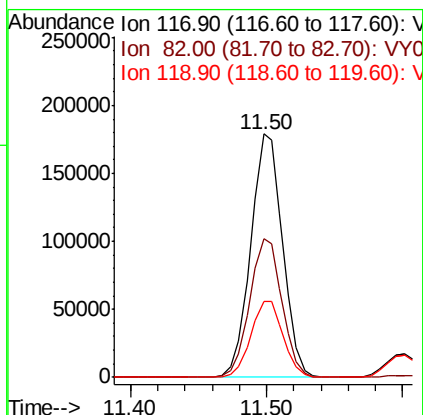
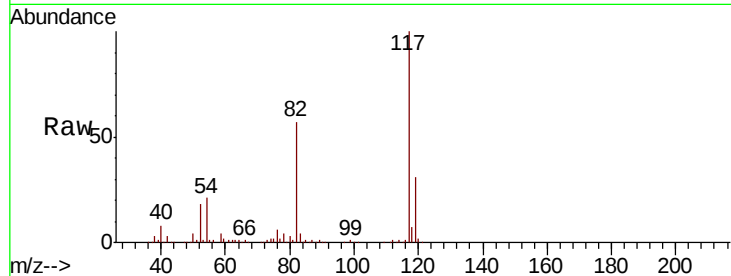




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

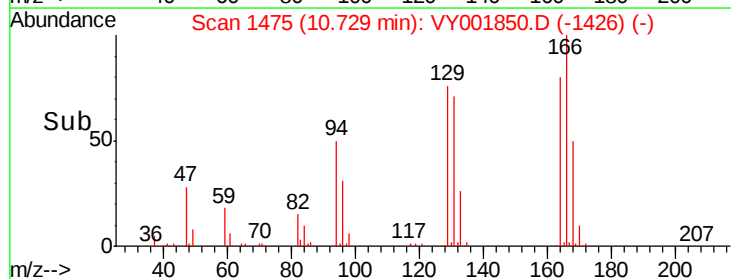
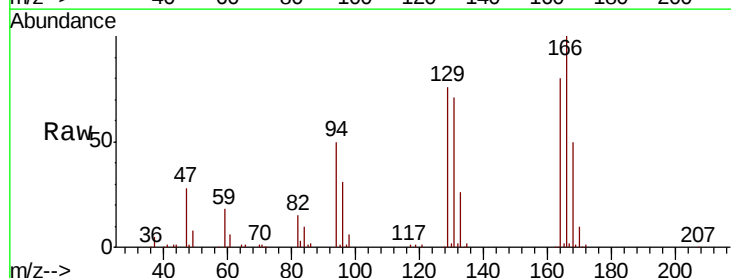
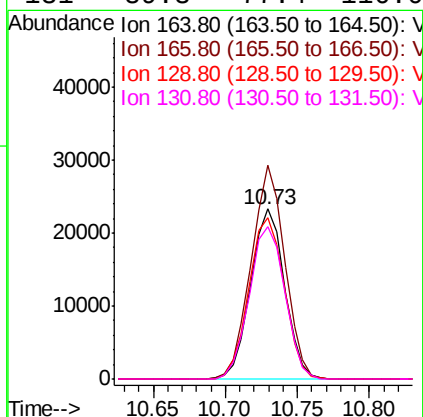
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

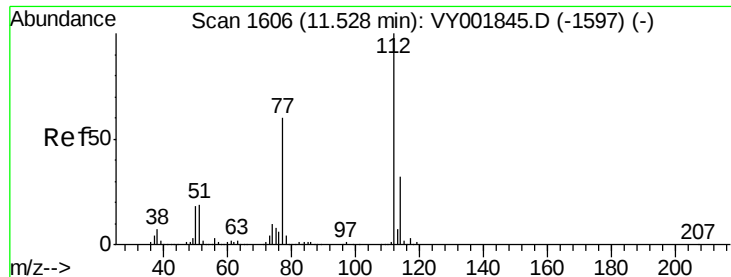
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.5	66.7
119	31.3	25.7	38.5



#64
Tetrachloroethene
Concen: 20.544 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.6	154.0
129	94.9	82.3	123.5
131	89.3	77.4	116.0

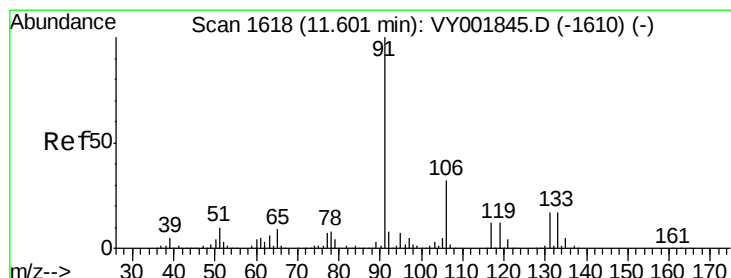
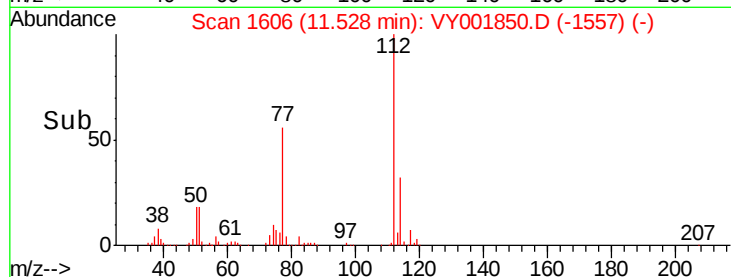
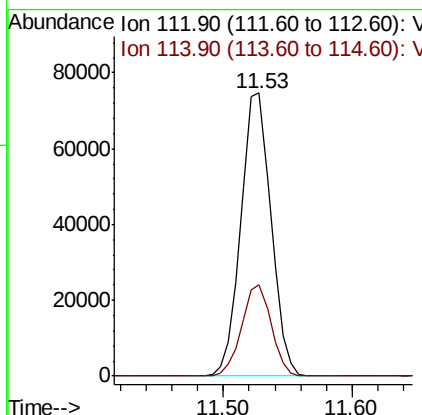
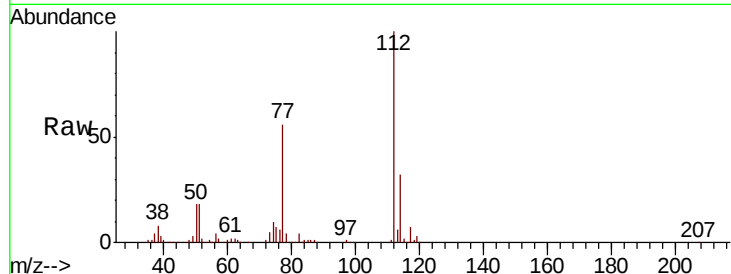




#65
Chlorobenzene
Concen: 20.685 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

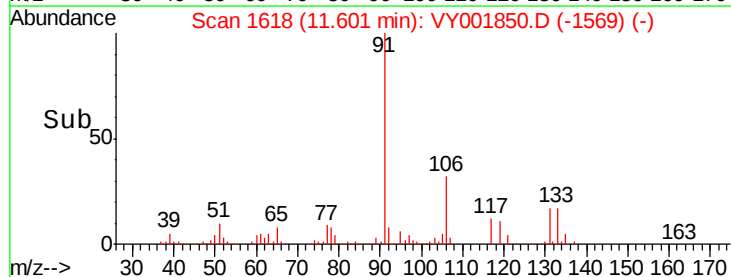
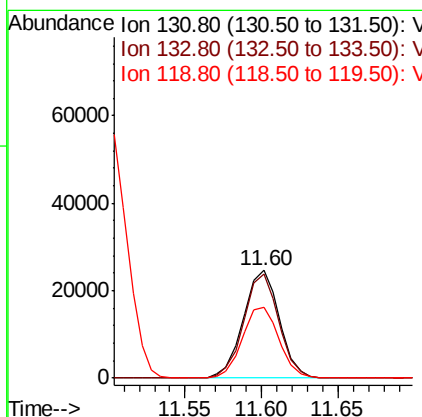
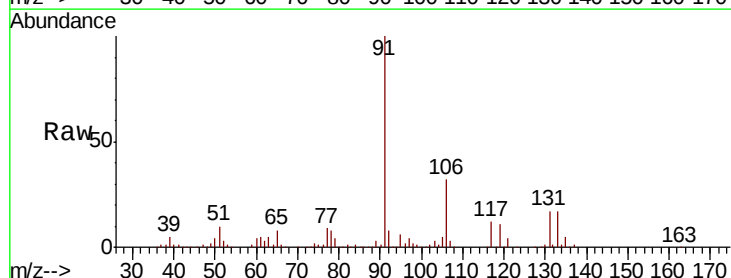
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

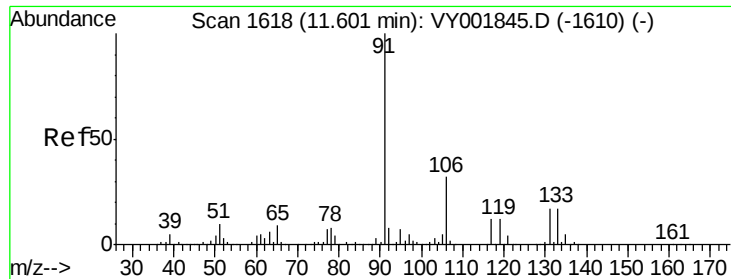
Tot Ion:112 Resp: 120960
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.959 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion:131 Resp: 40192
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 67.5 34.5 103.6

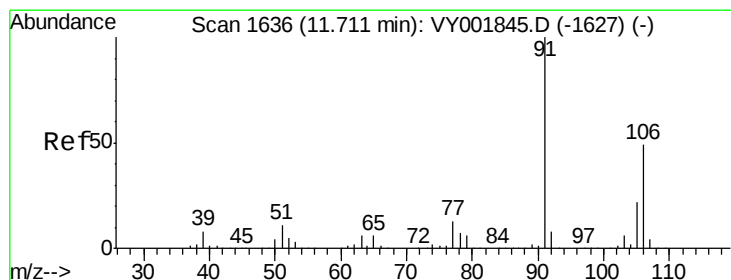
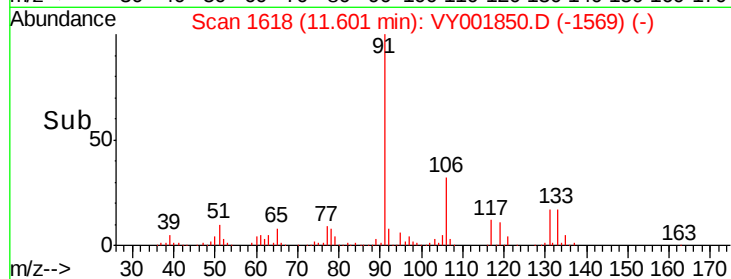
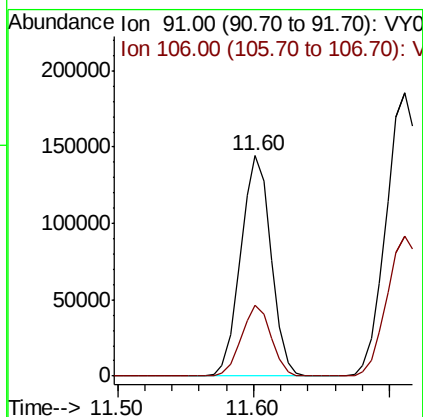
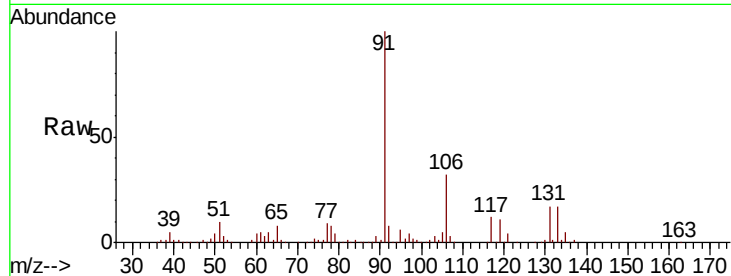




#67
Ethyl Benzene
Concen: 20.600 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

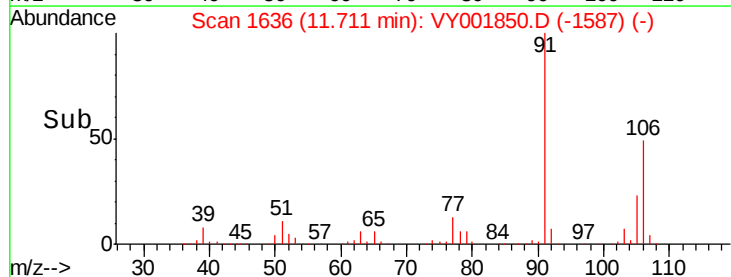
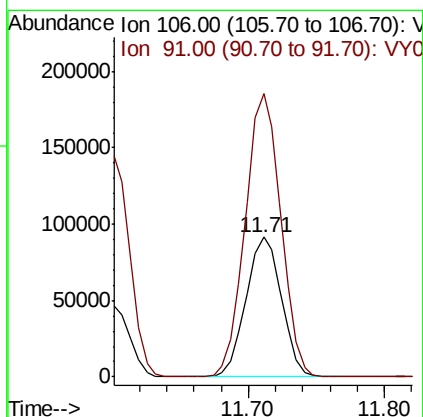
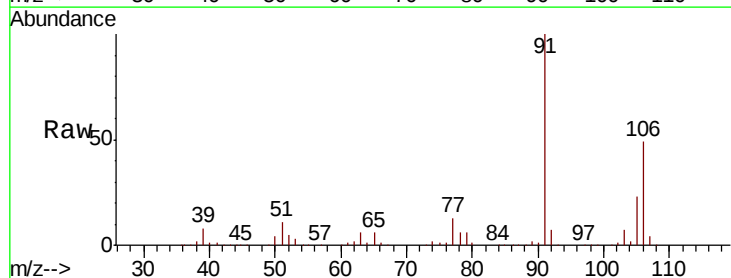
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

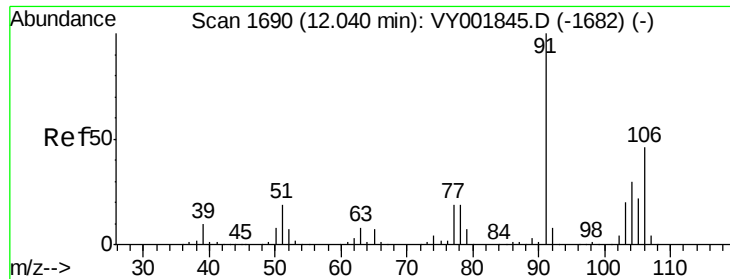
Tot Ion: 91 Resp: 224665
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 41.520 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion: 106 Resp: 167414
Ion Ratio Lower Upper
106 100
91 203.3 161.3 241.9

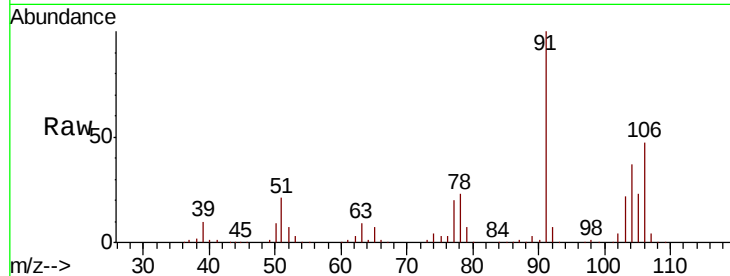




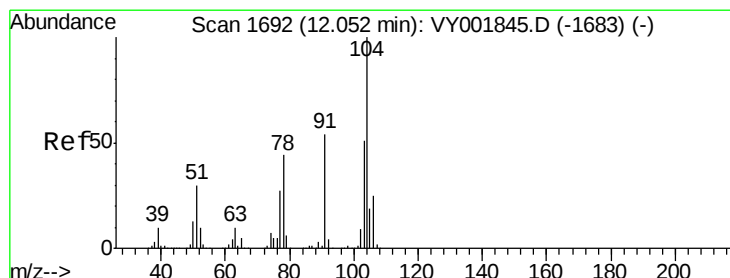
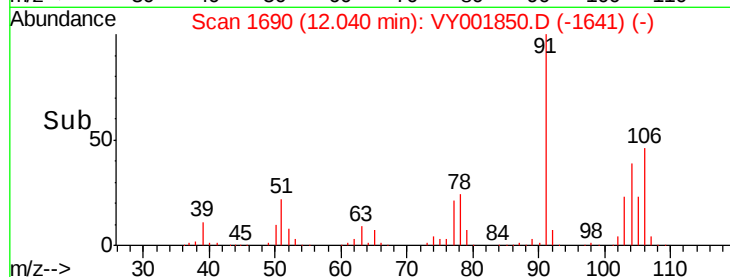
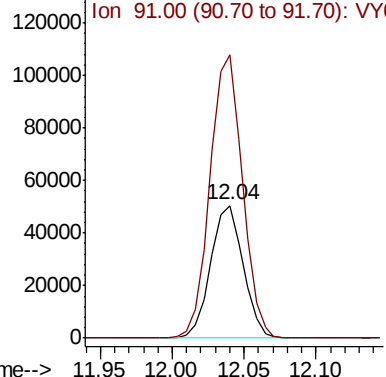
#69
o-Xylene
Concen: 20.733 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Tot Ion:106 Resp: 78792
Ion Ratio Lower Upper
106 100
91 213.9 106.8 320.4

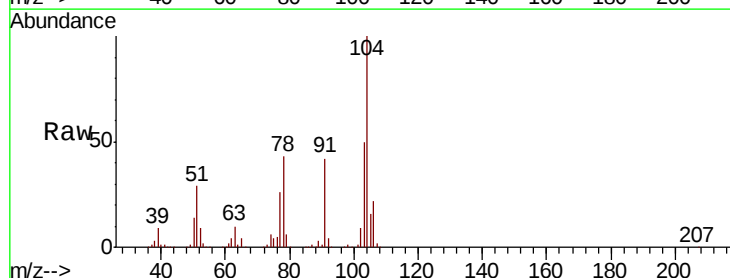


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

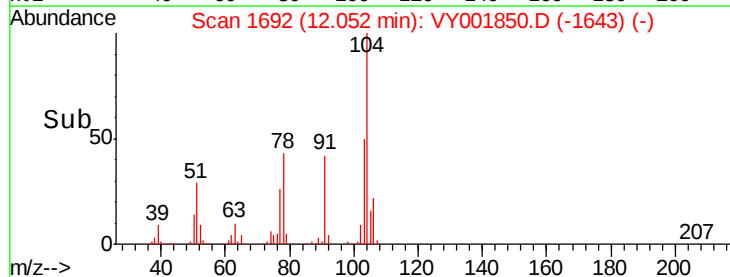
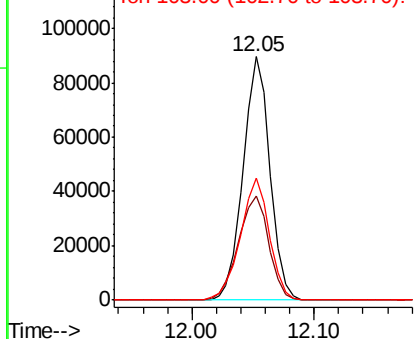


#70
Styrene
Concen: 20.956 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion:104 Resp: 136402
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.8 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: 20.540 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

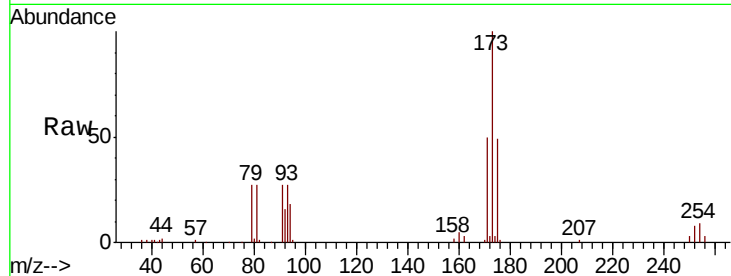
Tot Ion:173 Resp: 21361

Ion Ratio Lower Upper

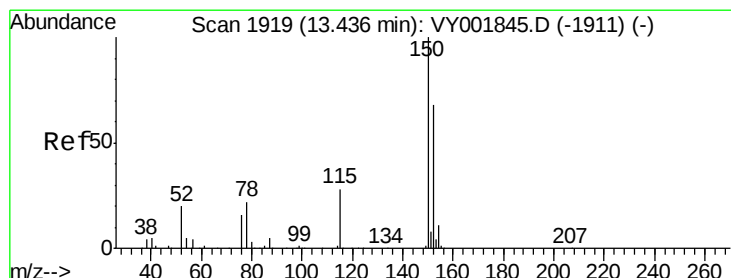
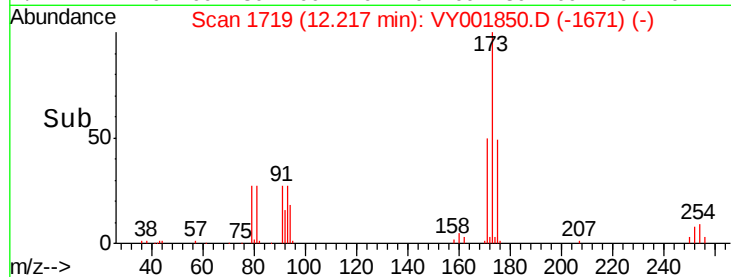
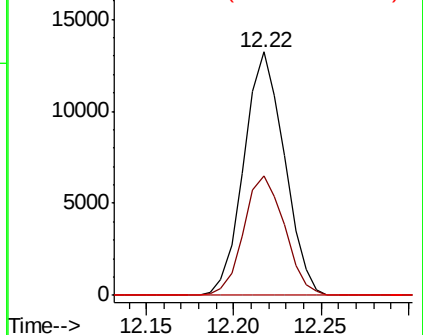
173 100

175 49.4 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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

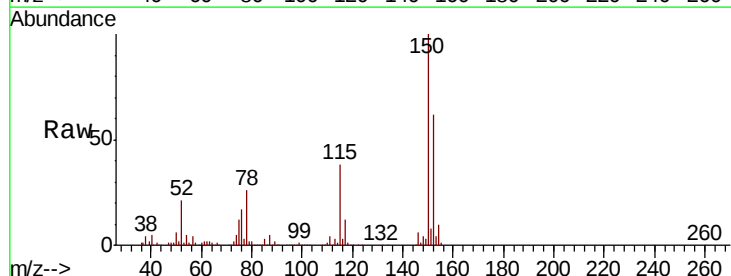
Tgt Ion:152 Resp: 136412

Ion Ratio Lower Upper

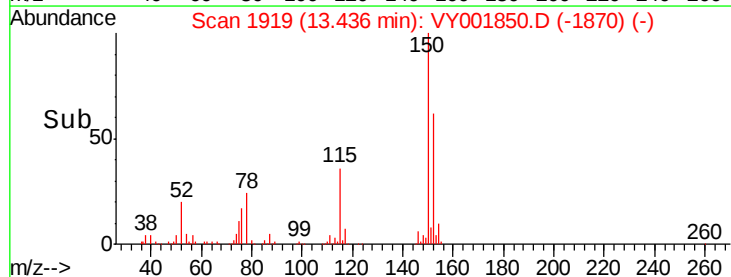
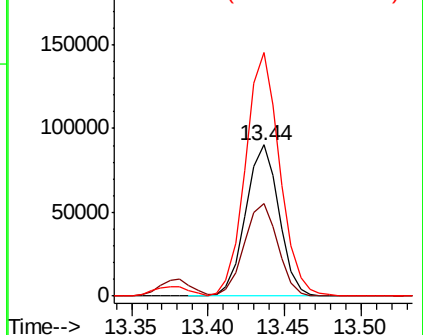
152 100

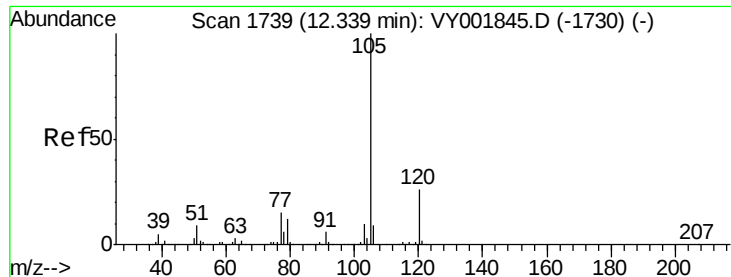
115 62.1 29.9 89.7

150 165.6 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: 20.330 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

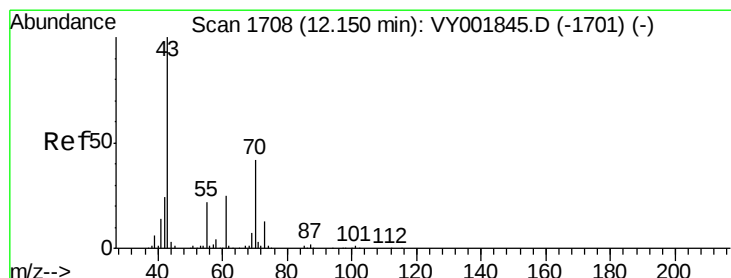
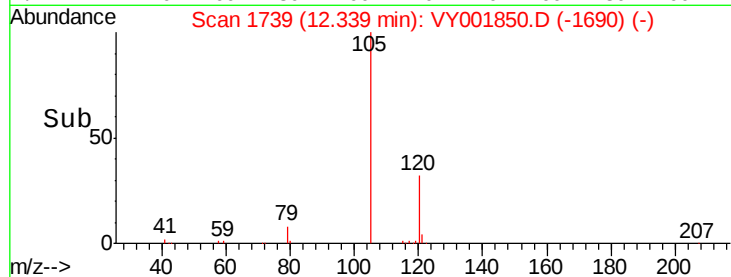
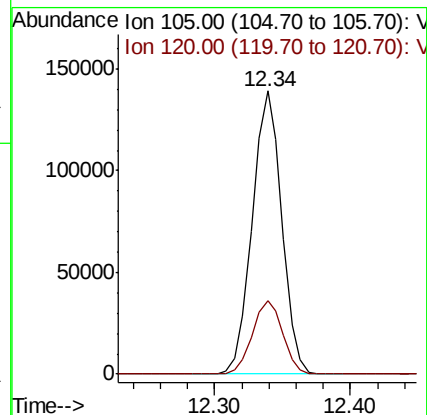
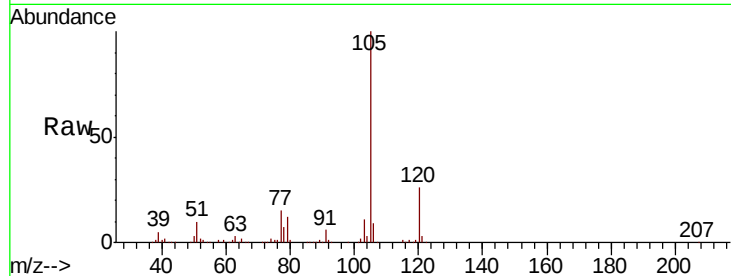
VY0304SBS01

Tot Ion:105 Resp: 211703

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 20.669 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Tgt Ion: 43 Resp: 66151

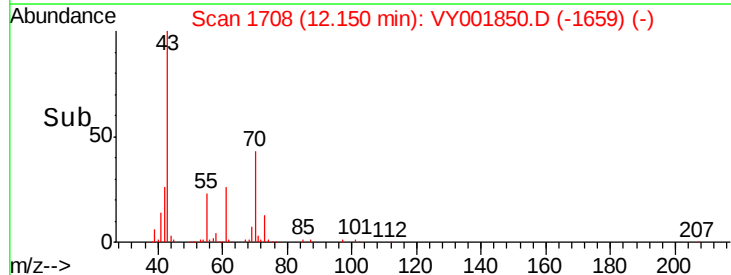
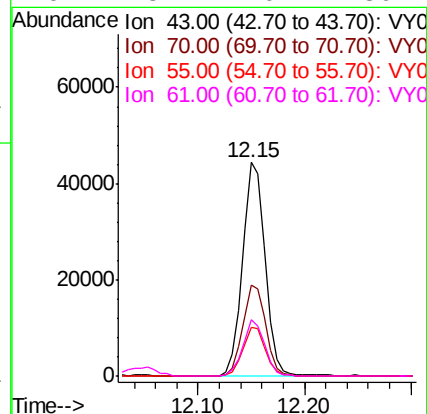
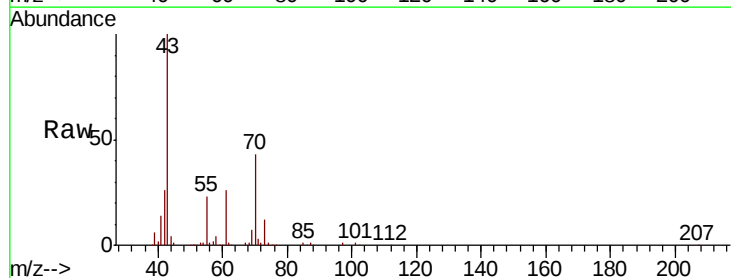
Ion Ratio Lower Upper

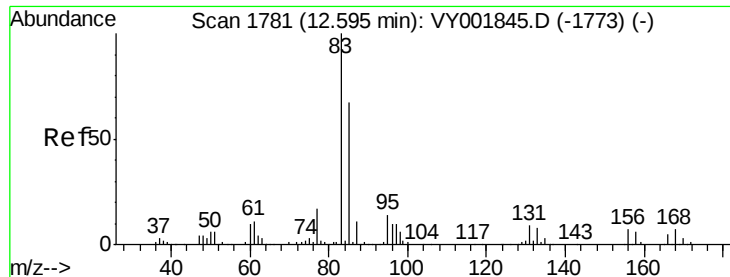
43 100

70 43.0 34.7 52.1

55 23.1 18.2 27.4

61 25.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.541 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

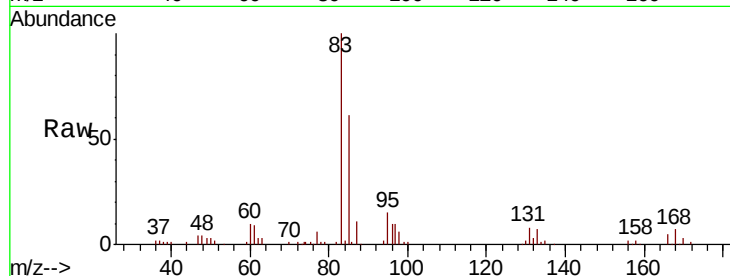
Tot Ion: 83 Resp: 46127

Ion Ratio Lower Upper

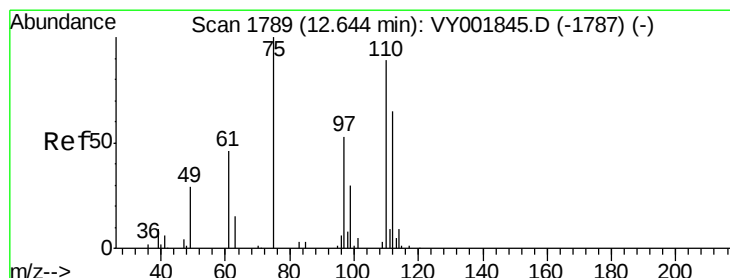
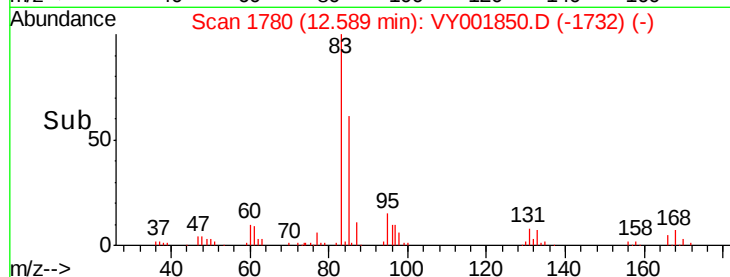
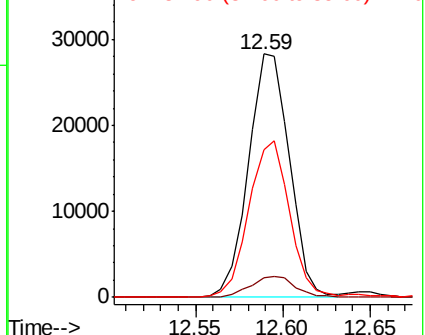
83 100

131 9.2 4.6 13.8

85 63.7 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: 36.931 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001850.D

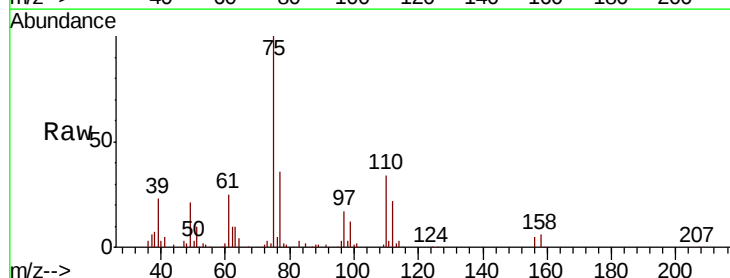
Acq: 04 Mar 2020 14:02

Tgt Ion: 75 Resp: 59778

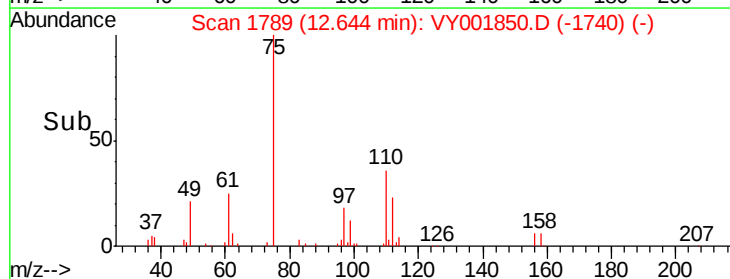
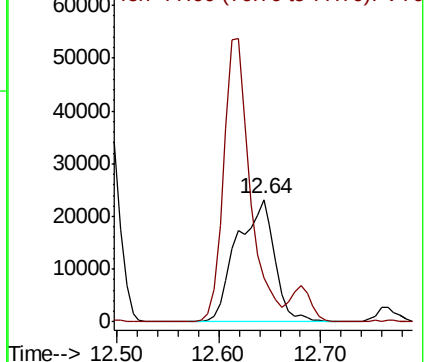
Ion Ratio Lower Upper

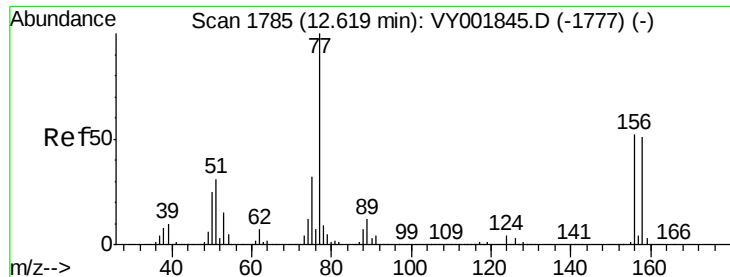
75 100

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: 20.115 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

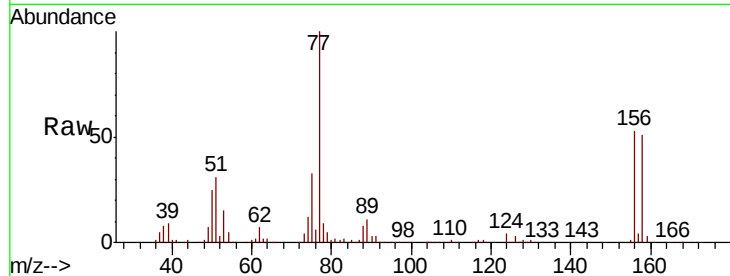
Tot Ion:156 Resp: 44379

Ion Ratio Lower Upper

156 100

77 218.4 109.0 327.0

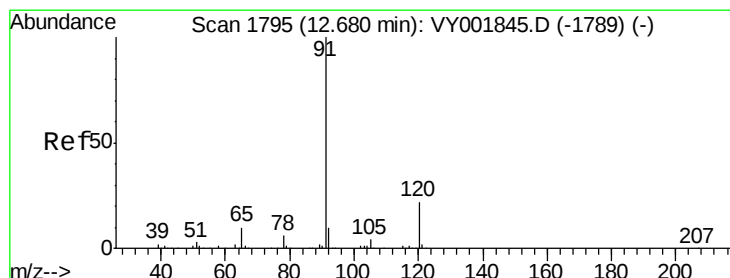
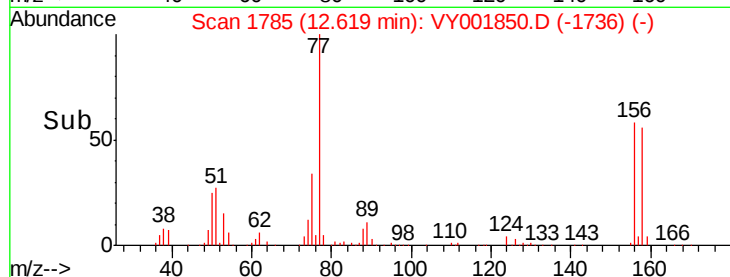
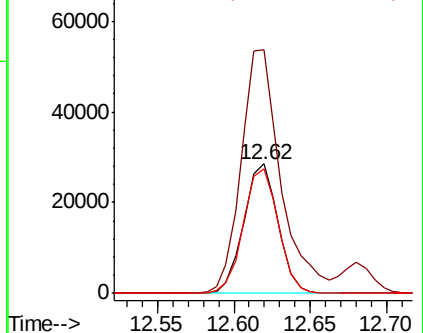
158 98.3 48.9 146.8



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: 20.674 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001850.D

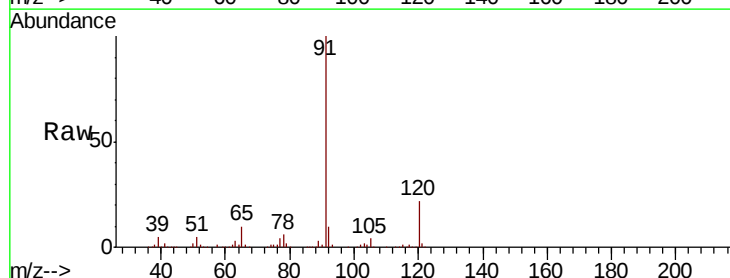
Acq: 04 Mar 2020 14:02

Tgt Ion: 91 Resp: 265597

Ion Ratio Lower Upper

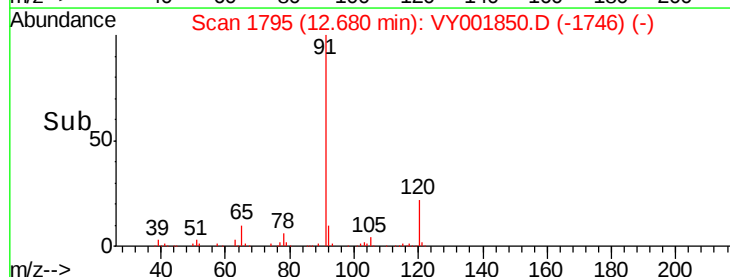
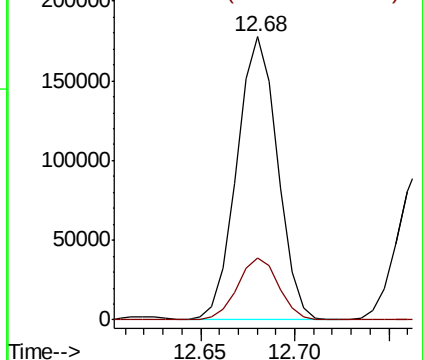
91 100

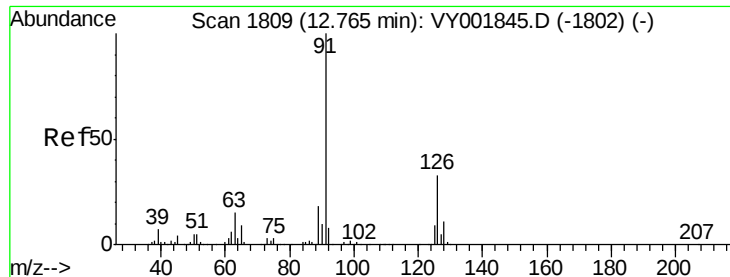
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.658 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

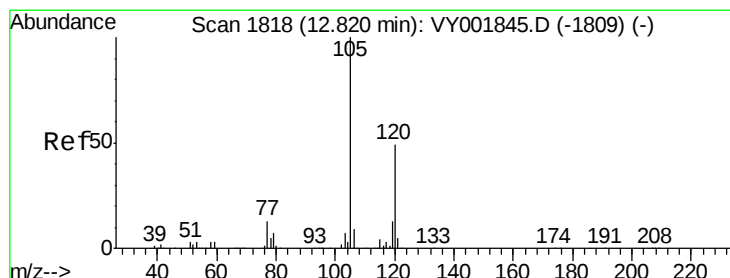
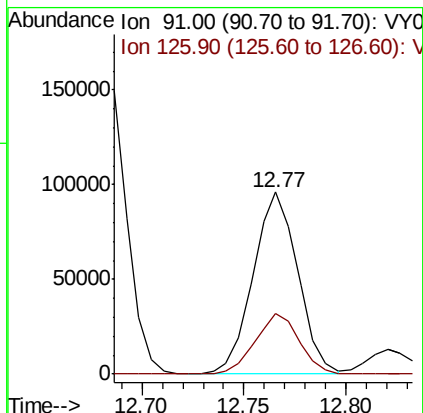
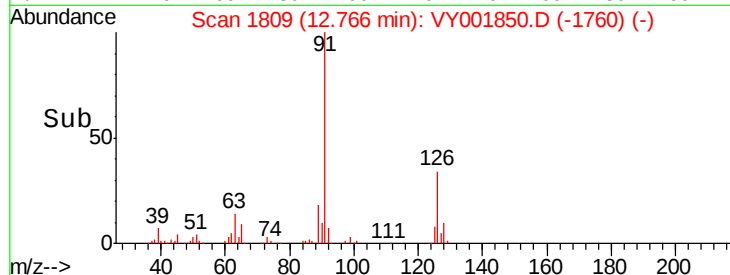
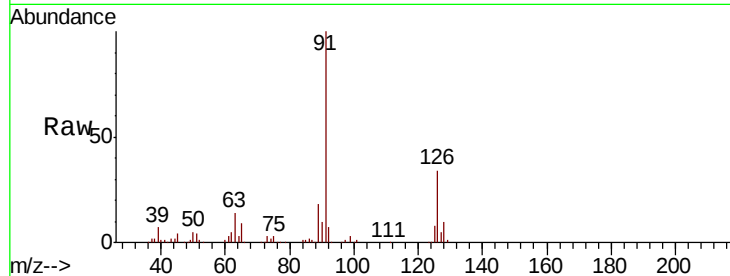
VY0304SBS01

Tot Ion: 91 Resp: 146623

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.743 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001850.D

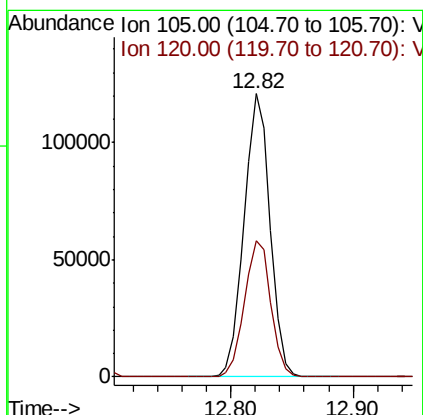
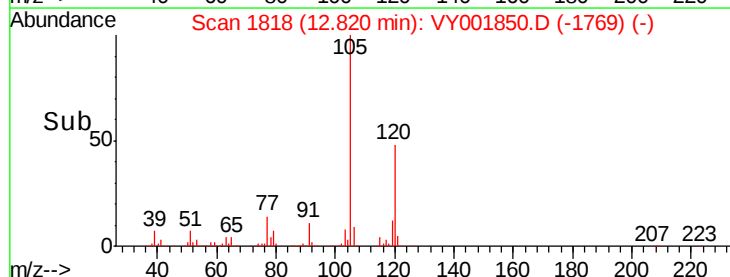
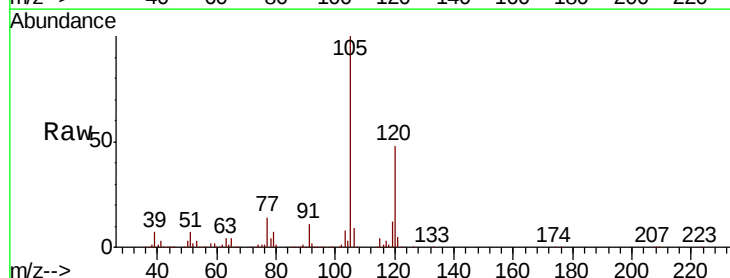
Acq: 04 Mar 2020 14:02

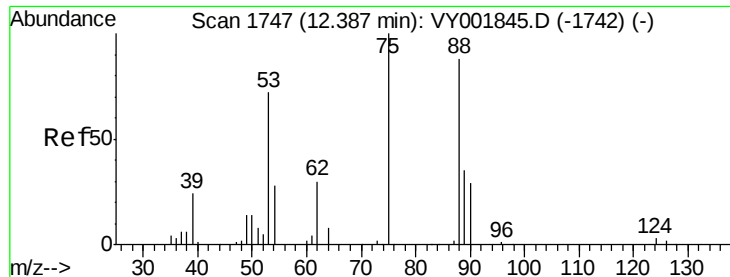
Tgt Ion: 105 Resp: 177826

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.389 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

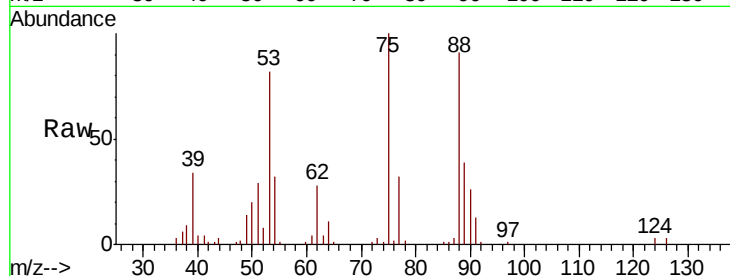
Tot Ion: 75 Resp: 16338

Ion Ratio Lower Upper

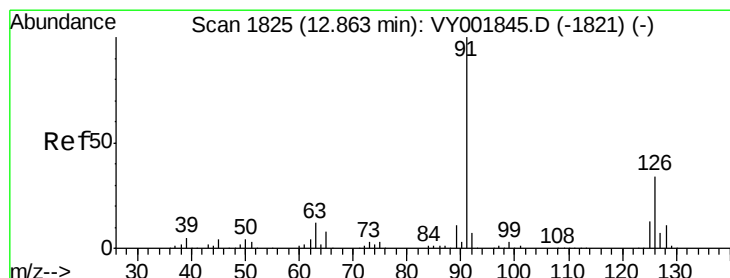
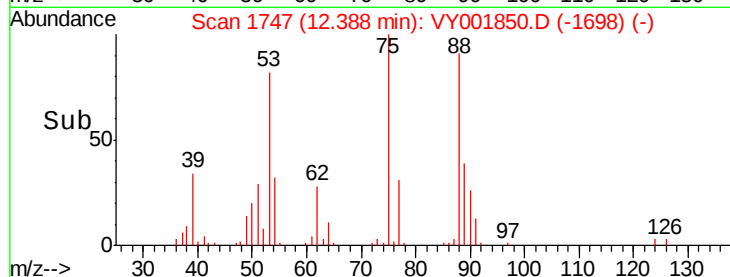
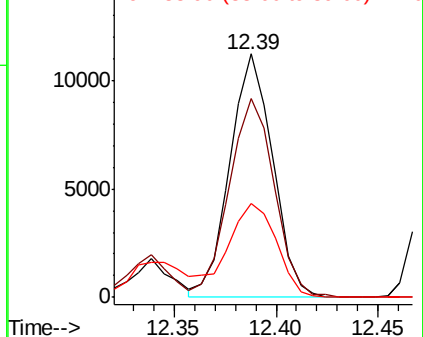
75 100

53 86.2 65.4 98.0

89 45.4 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: 20.580 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001850.D

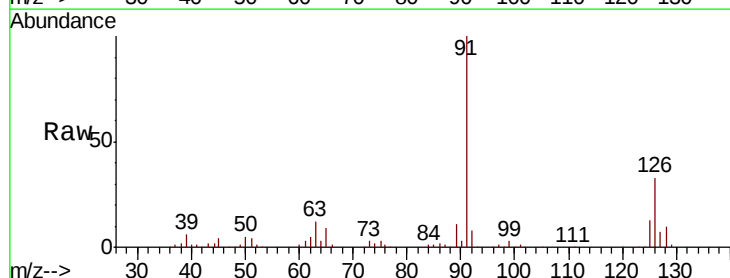
Acq: 04 Mar 2020 14:02

Tgt Ion: 91 Resp: 152091

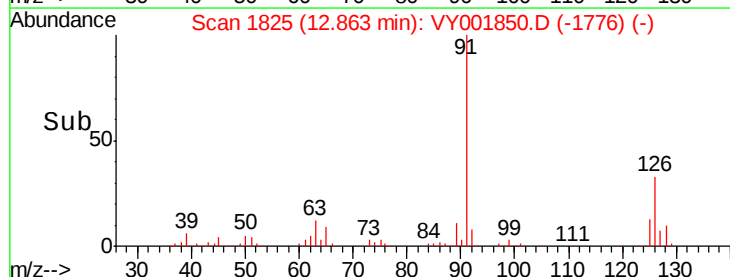
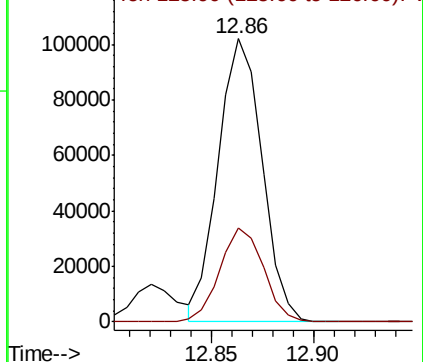
Ion Ratio Lower Upper

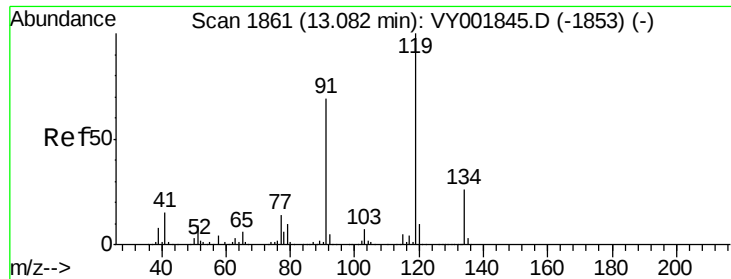
91 100

126 33.1 16.4 49.2



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

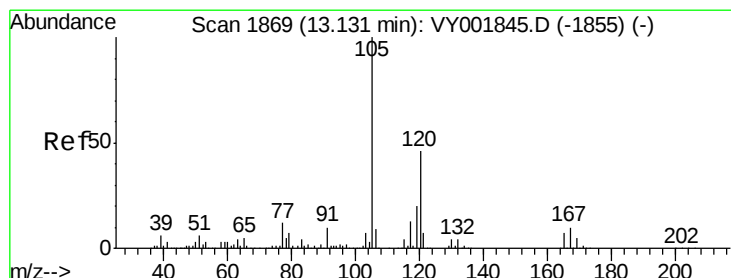
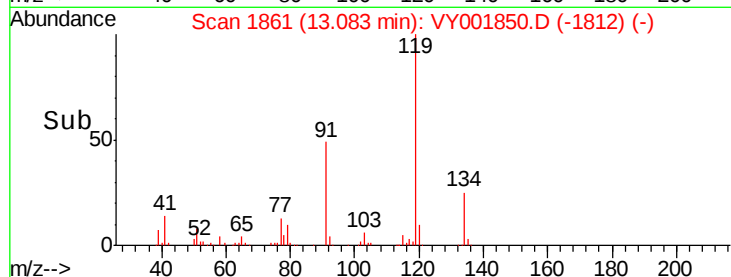
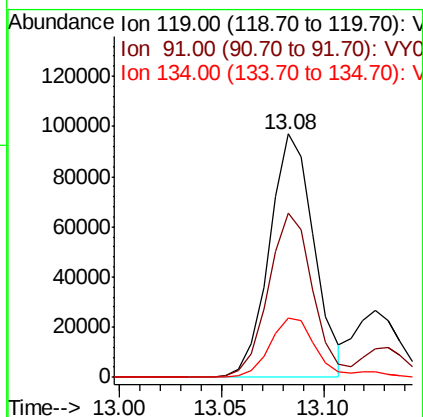
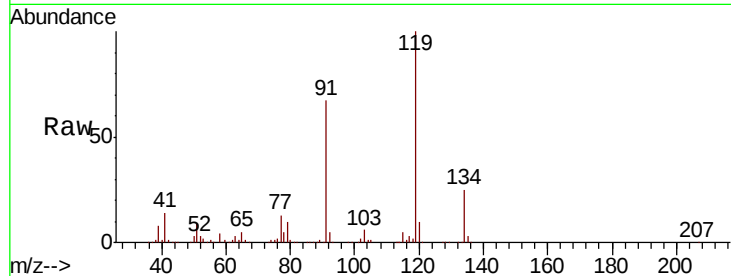




#83
tert-Butylbenzene
Concen: 20.733 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

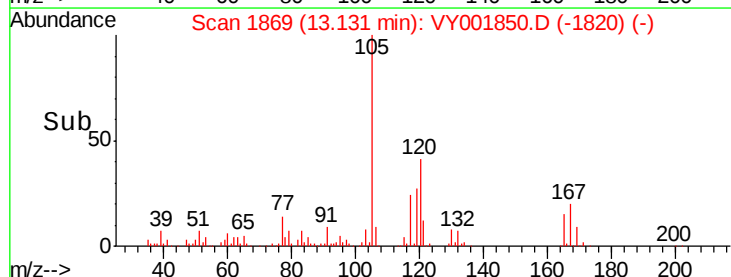
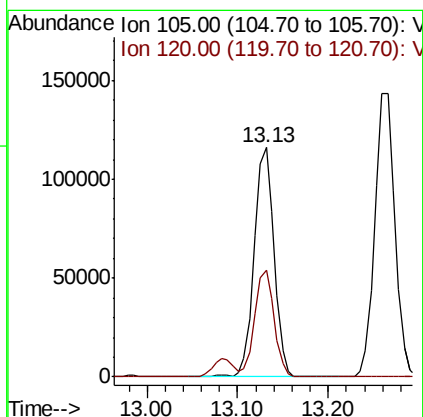
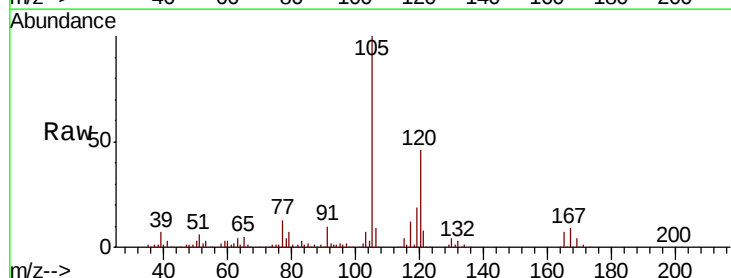
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

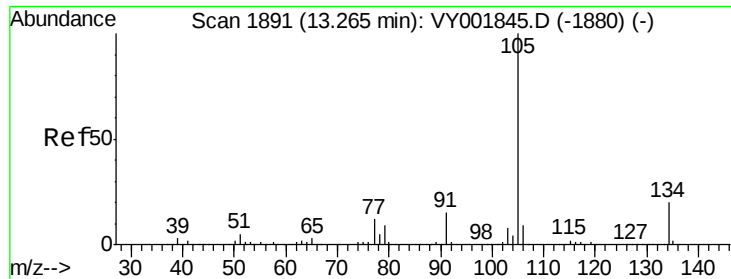
Tot Ion:119 Resp: 147627
Ion Ratio Lower Upper
119 100
91 67.4 34.0 101.8
134 26.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.684 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion:105 Resp: 175971
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.7

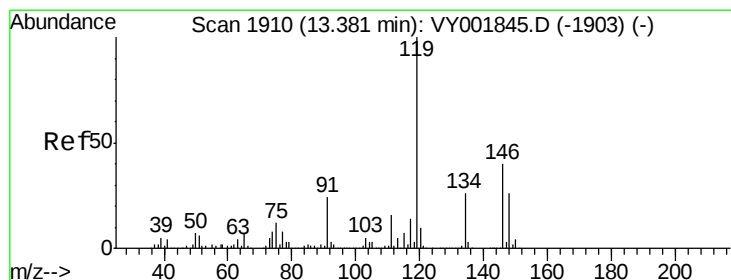
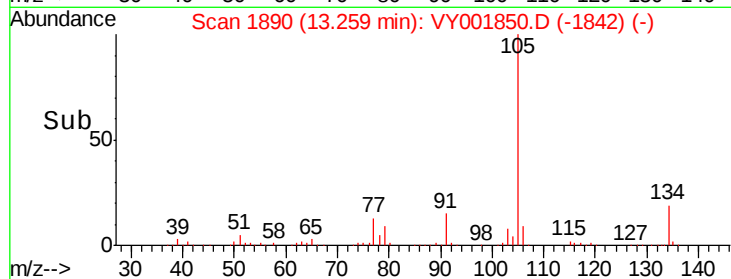
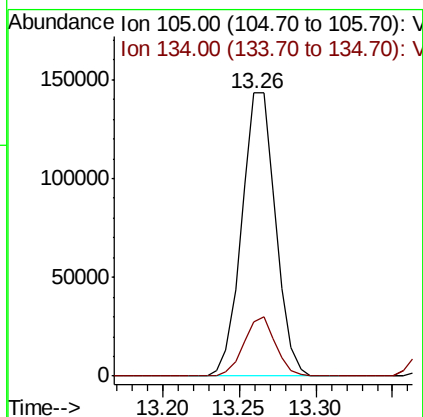
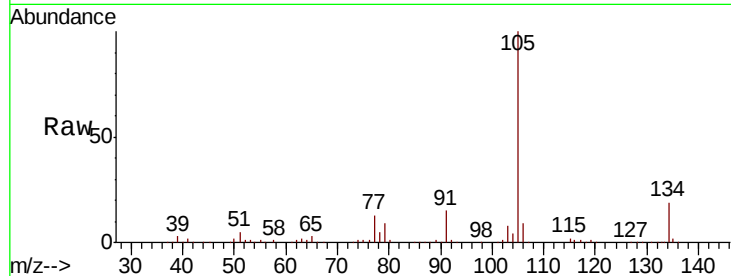




#85
 sec-Butylbenzene
 Concen: 20.936 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

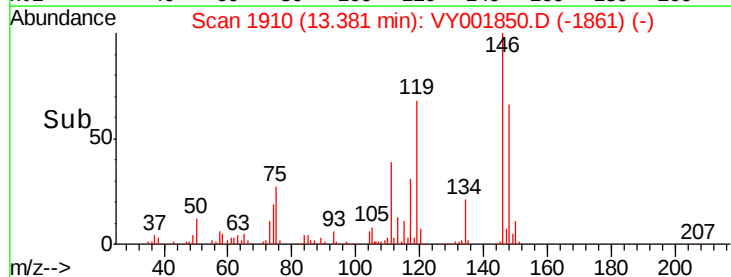
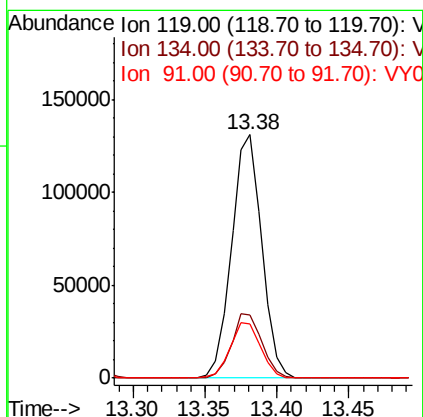
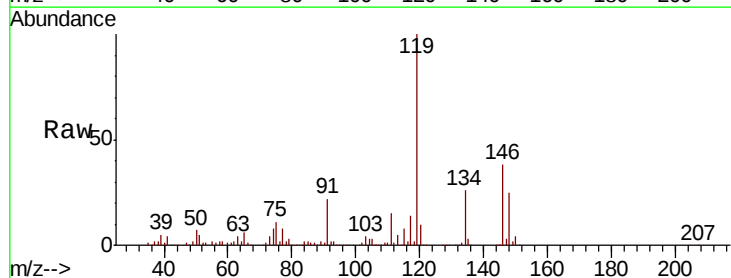
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

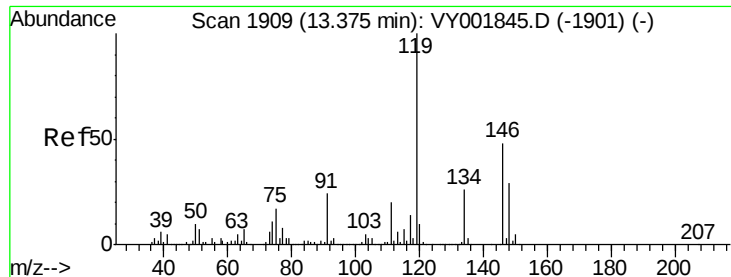
Tot Ion:105 Resp: 219727
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.133 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion:119 Resp: 191326
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 23.4 11.9 35.7

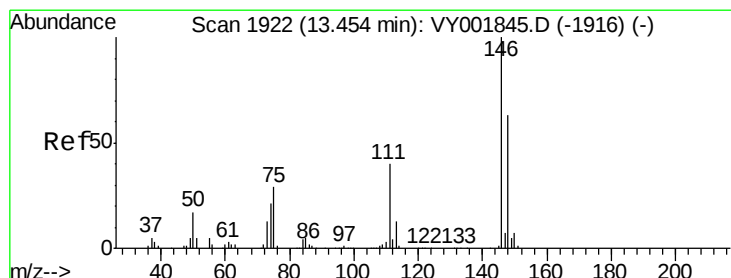
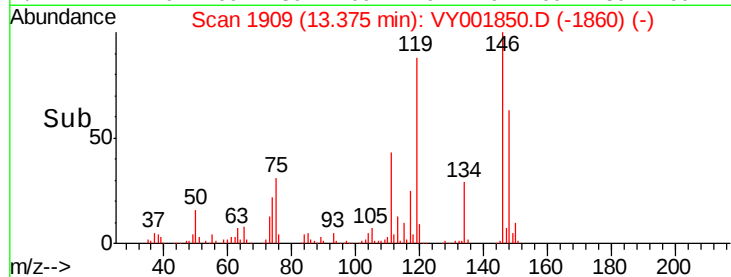
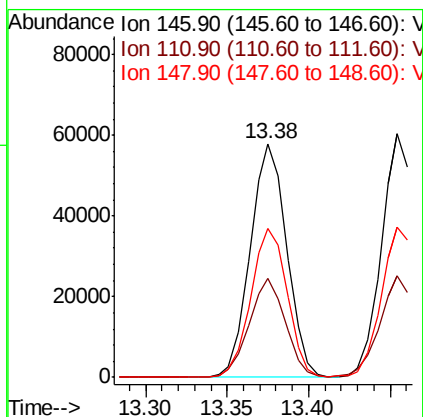
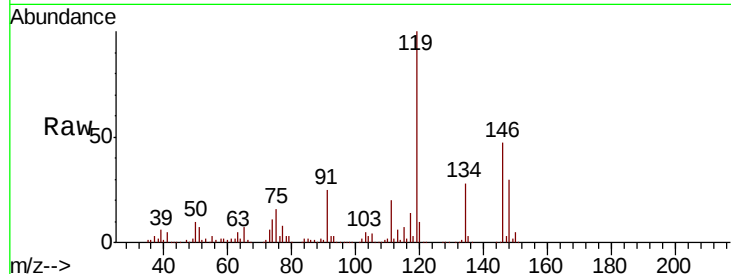




#87
 1,3-Dichlorobenzene
 Concen: 20.819 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

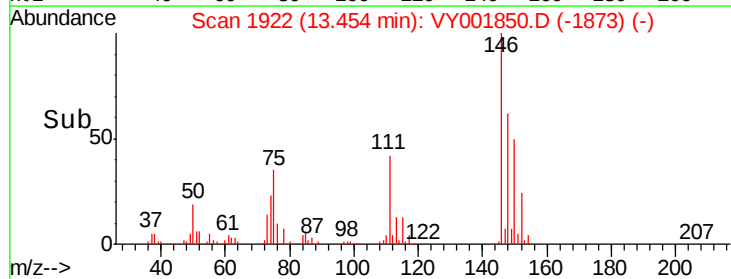
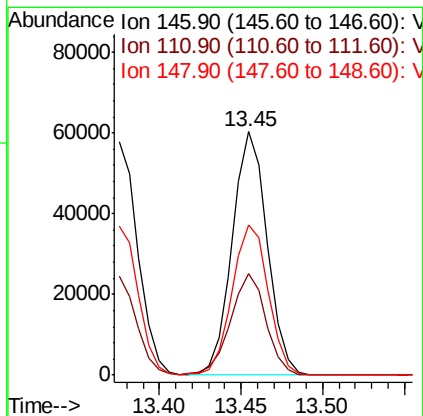
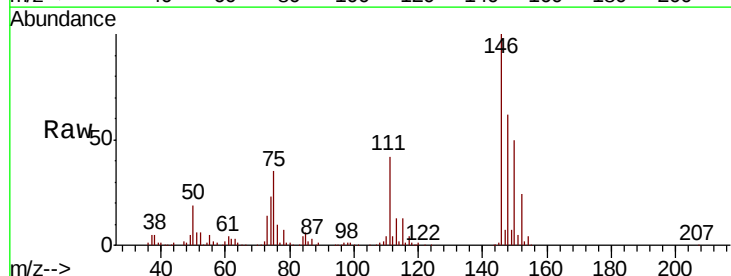
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

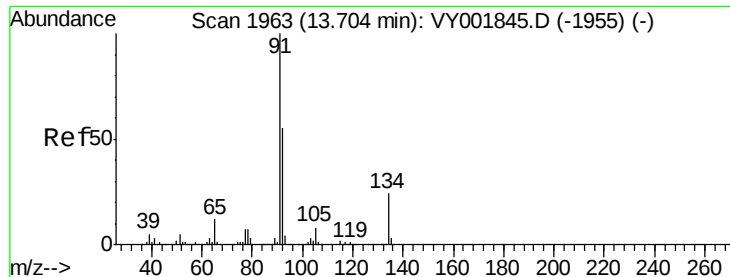
Tot Ion:146 Resp: 90010
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 63.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.492 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001850.D
 Acq: 04 Mar 2020 14:02

Tgt Ion:146 Resp: 89877
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.0 60.0
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 21.089 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

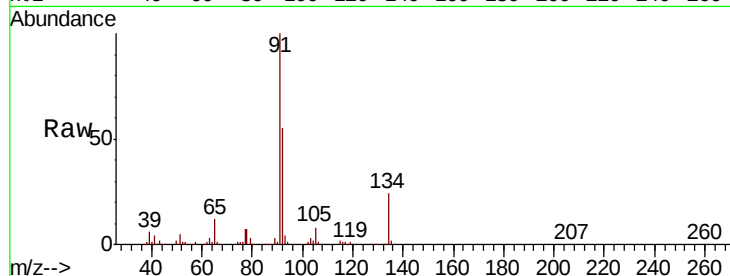
Tot Ion: 91 Resp: 198090

Ion Ratio Lower Upper

91 100

92 53.7 27.5 82.4

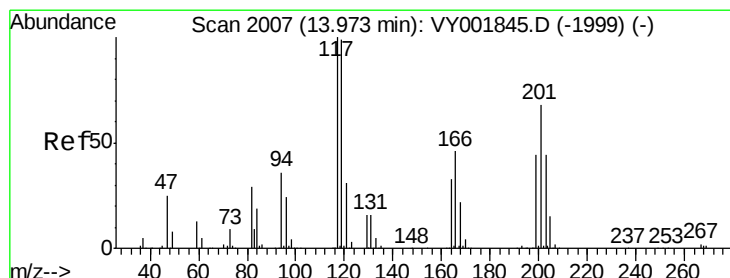
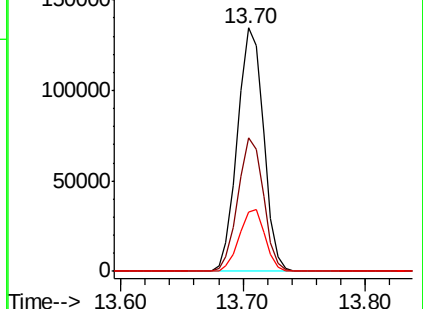
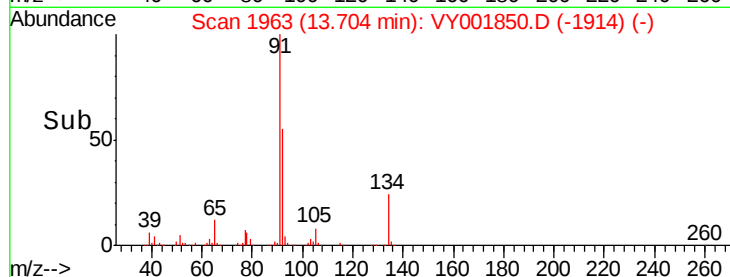
134 25.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY001850.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001850.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001850.D (-1914) (-)



#90

Hexachloroethane

Concen: 20.636 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY001850.D

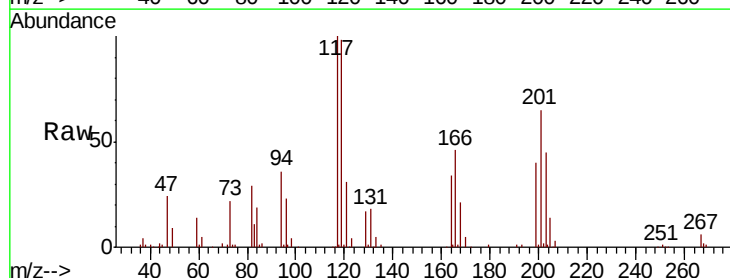
Acq: 04 Mar 2020 14:02

Tgt Ion: 117 Resp: 35245

Ion Ratio Lower Upper

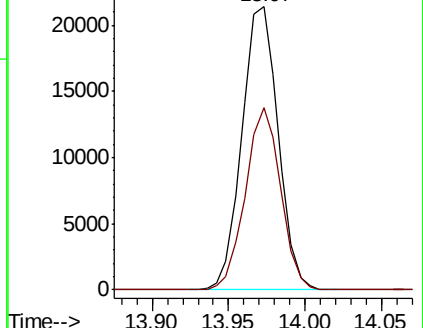
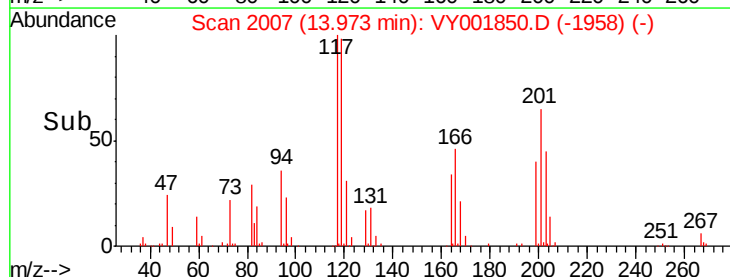
117 100

201 62.4 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY001850.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001850.D (-1958) (-)





#91

1,2-Dichlorobenzene

Concen: 20.758 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

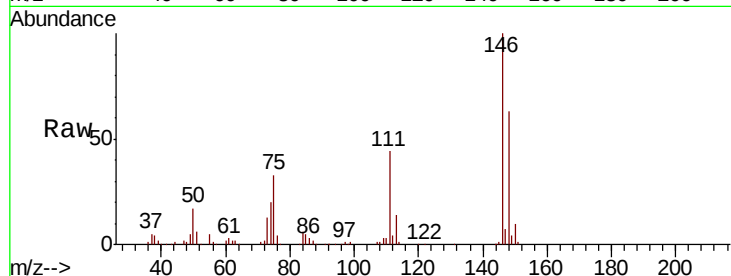
Tot Ion:146 Resp: 81531

Ion Ratio Lower Upper

146 100

111 42.6 21.5 64.5

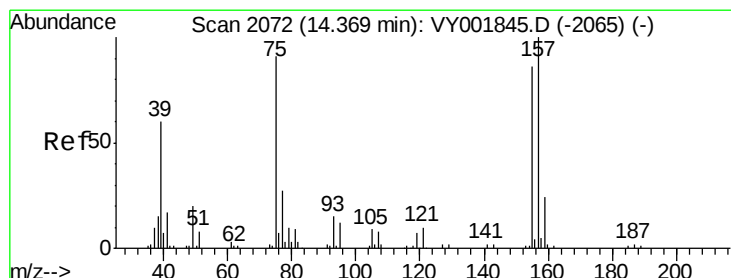
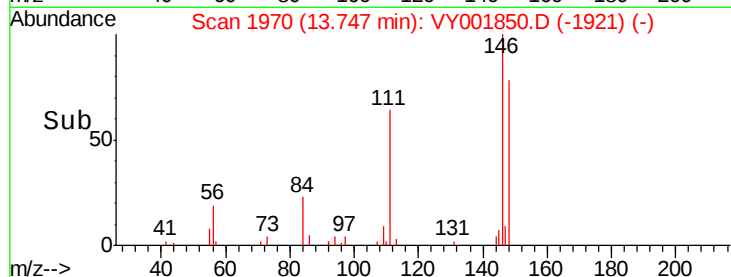
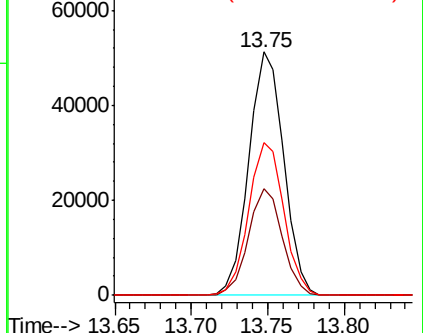
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.781 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

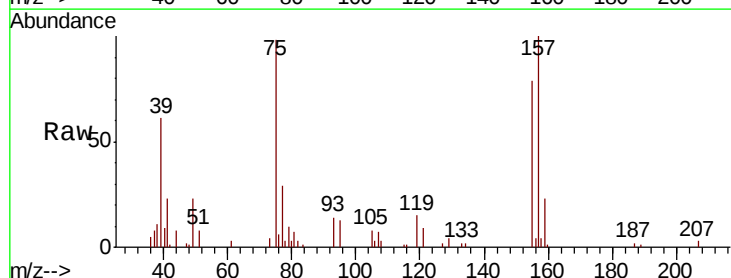
Tgt Ion: 75 Resp: 7282

Ion Ratio Lower Upper

75 100

155 81.5 42.9 128.7

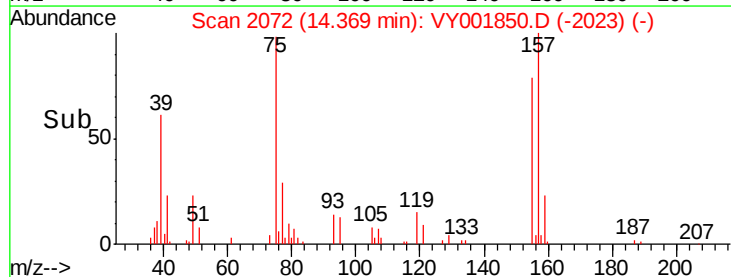
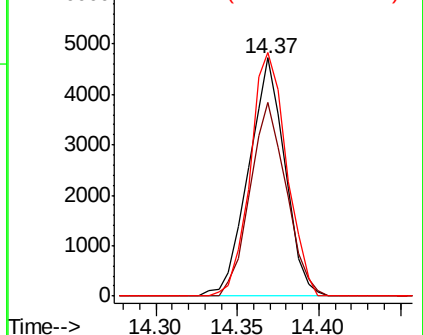
157 102.9 53.1 159.4

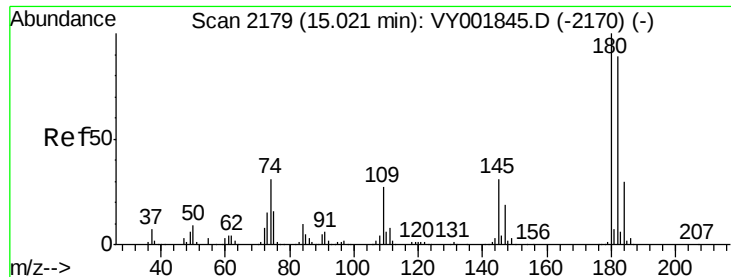


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

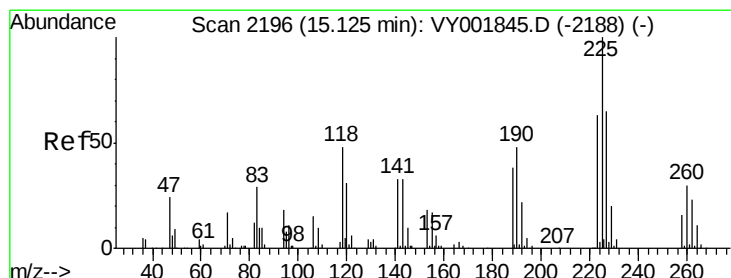
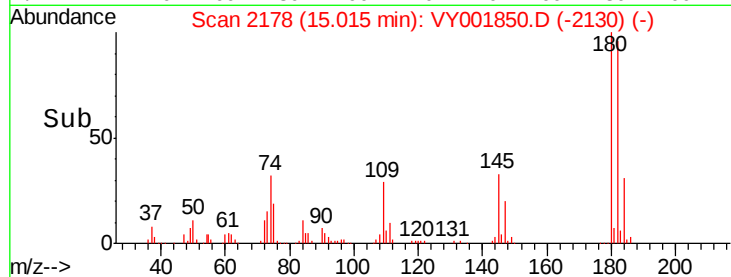
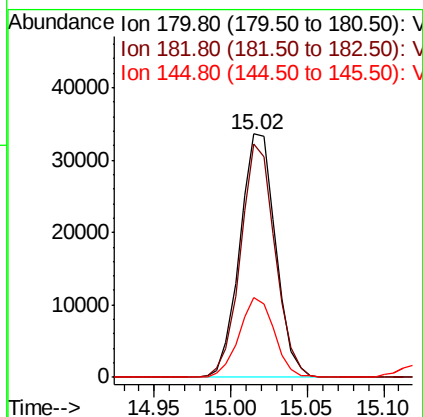
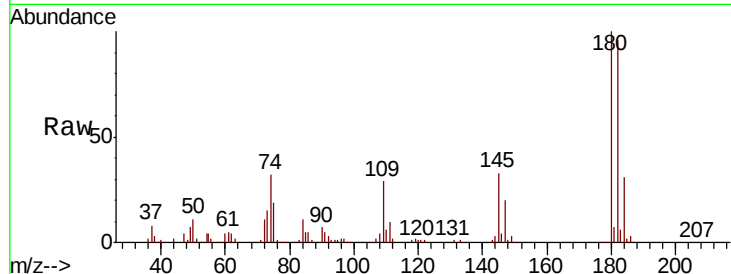




#93
1,2,4-Trichlorobenzene
Concen: 21.340 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

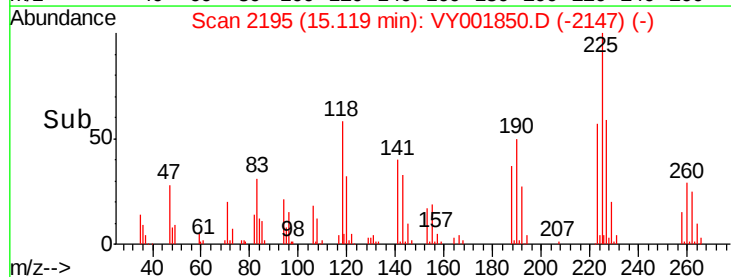
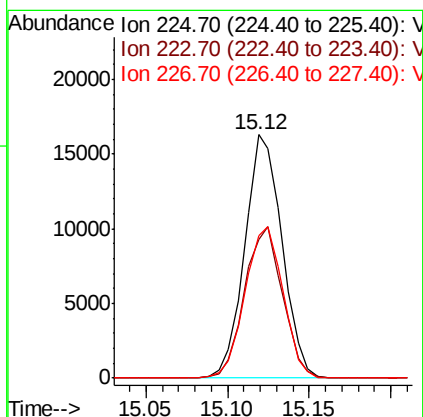
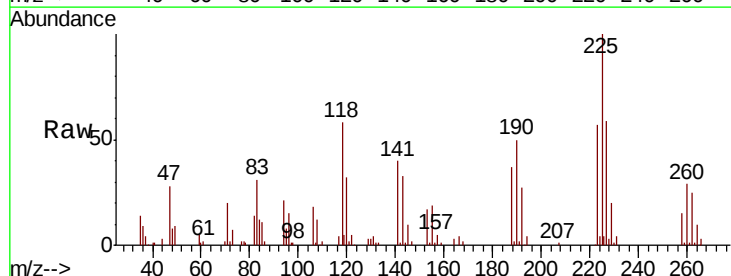
Instrument :
MSVOA_Y
ClientSampleId :
VY0304SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.1	138.3
145	32.3	15.6	46.8



#94
Hexachlorobutadiene
Concen: 20.797 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY001850.D
Acq: 04 Mar 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.5	94.5
227	63.7	31.9	95.5





#95

Naphthalene

Concen: 20.630 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0304SBS01

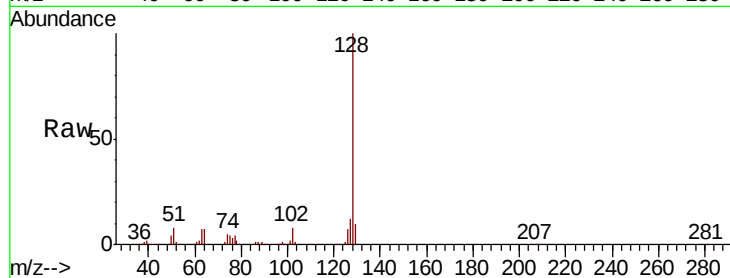
Tot Ion:128 Resp: 124642

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

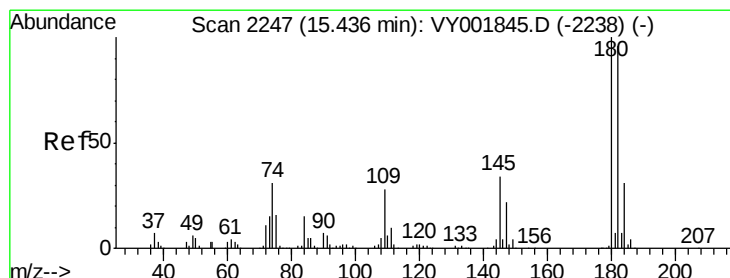
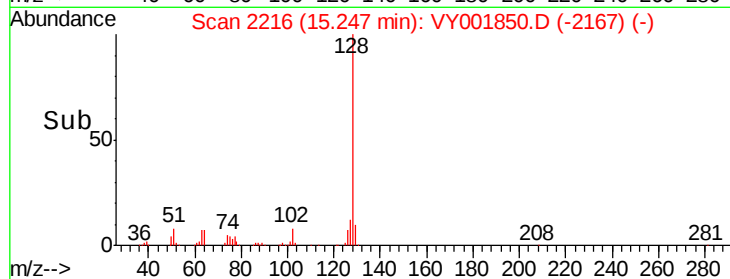
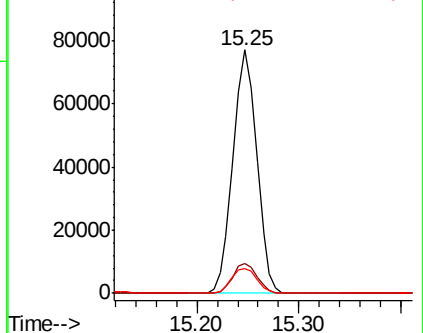
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.948 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001850.D

Acq: 04 Mar 2020 14:02

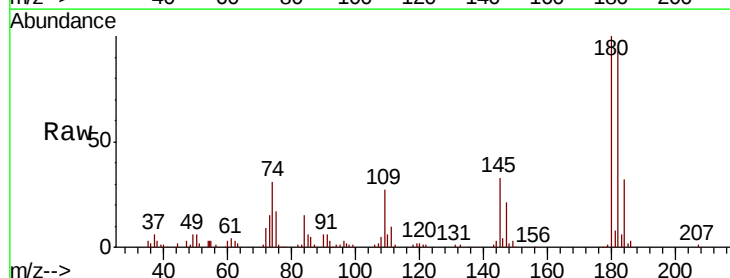
Tgt Ion:180 Resp: 47006

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 33.6 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

