

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032020\
 Data File : VY002039.D
 Acq On : 20 Mar 2020 16:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 20 16:59:34 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	7.80	168	156148	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	287311	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	259029	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	121394	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	87142	52.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.73	113	81935	52.23	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.18	98	336292	50.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.49	95	119789	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	62776	43.55	ug/l	100
3) Chloromethane	2.12	50	90086	46.36	ug/l	100
4) Vinyl Chloride	2.26	62	93920	47.51	ug/l	96
5) Bromomethane	2.65	94	63233	55.40	ug/l	97
6) Chloroethane	2.80	64	63606	51.23	ug/l	98
7) Trichlorofluoromethane	3.13	101	134060	50.01	ug/l	90
8) Diethyl Ether	3.54	74	56060	53.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	88128	51.11	ug/l	99
10) Methyl Iodide	4.10	142	105824	53.07	ug/l	99
11) Tert butyl alcohol	4.96	59	49780	290.63	ug/l	96
12) 1,1-Dichloroethene	3.88	96	87605	50.46	ug/l	98
13) Acrolein	3.74	56	44286	189.05	ug/l	96
14) Allyl chloride	4.49	41	164614	53.49	ug/l	99
15) Acrylonitrile	5.18	53	146134	258.83	ug/l	99
16) Acetone	3.96	43	106536	219.42	ug/l	98
17) Carbon Disulfide	4.21	76	265023	45.41	ug/l	99
18) Methyl Acetate	4.48	43	63997	51.30	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	253341	53.85	ug/l	96
20) Methylene Chloride	4.72	84	104977	50.45	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	101498	51.51	ug/l	99
22) Diisopropyl ether	6.13	45	350105	55.49	ug/l	97
23) Vinyl Acetate	6.07	43	1118651	270.48	ug/l	98
24) 1,1-Dichloroethane	6.03	63	183714	53.77	ug/l	99
25) 2-Butanone	6.99	43	184362	249.69	ug/l	100
26) 2,2-Dichloropropane	6.99	77	150859	53.80	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	115351	53.82	ug/l	98
28) Bromochloromethane	7.34	49	82591	53.63	ug/l	100
29) Tetrahydrofuran	7.35	42	124113	253.13	ug/l	100
30) Chloroform	7.52	83	177141	55.19	ug/l	96
31) Cyclohexane	7.79	56	176640	48.22	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	148833	55.01	ug/l	98
36) 1,1-Dichloropropene	7.93	75	141737	51.26	ug/l	99
37) Ethyl Acetate	7.08	43	82195	51.15	ug/l	99
38) Carbon Tetrachloride	7.91	117	124847	52.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	183230	49.97	ug/l	99
40) Benzene	8.17	78	428561	52.30	ug/l	100
41) Methacrylonitrile	7.35	41	110834	153.26	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	114035	54.00	ug/l	98
43) Isopropyl Acetate	8.28	43	159282	52.36	ug/l	99
44) Trichloroethene	8.94	130	103170	51.69	ug/l	99
45) 1,2-Dichloropropane	9.22	63	113243	54.97	ug/l	98
46) Dibromomethane	9.31	93	55655	52.43	ug/l	99
47) Bromodichloromethane	9.50	83	137557	55.70	ug/l	100
48) Methyl methacrylate	9.30	41	72121	53.42	ug/l	97
49) 1,4-Dioxane	9.30	88	14324	984.71	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	417455	266.40	ug/l	99
52) Toluene	10.25	92	264815	53.19	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	150455	55.92	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	175281	54.73	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	82307	52.98	ug/l	97
56) Ethyl methacrylate	10.51	69	123752	54.34	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148796	53.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	205095	258.76	ug/l	99
59) 2-Hexanone	10.83	43	280914	251.16	ug/l	99
60) Dibromochloromethane	10.99	129	91834	56.10	ug/l	100
61) 1,2-Dibromoethane	11.09	107	78135	53.09	ug/l	100
64) Tetrachloroethene	10.72	164	84656	52.11	ug/l	96
65) Chlorobenzene	11.52	112	271860	52.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	94208	55.66	ug/l	99
67) Ethyl Benzene	11.60	91	511722	53.16	ug/l	99
68) m/p-Xylenes	11.71	106	379778	106.72	ug/l	100
69) o-Xylene	12.03	106	180259	53.74	ug/l	99
70) Styrene	12.05	104	316238	55.05	ug/l	99
71) Bromoform	12.21	173	50997	55.56	ug/l #	99
73) Isopropylbenzene	12.33	105	488757	52.74	ug/l	100
74) N-amyl acetate	12.14	43	149244	52.40	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	103729	51.91	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	132640	92.08	ug/l #	100
77) Bromobenzene	12.61	156	108791	55.41	ug/l	93
78) n-propylbenzene	12.67	91	603515	52.79	ug/l	100
79) 2-Chlorotoluene	12.76	91	335588	53.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	407154	53.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35988	50.47	ug/l	98
82) 4-Chlorotoluene	12.86	91	352305	53.57	ug/l	100
83) tert-Butylbenzene	13.08	119	340992	53.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	403175	53.25	ug/l	100
85) sec-Butylbenzene	13.25	105	500024	53.54	ug/l	100
86) p-Isopropyltoluene	13.37	119	433153	53.76	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	202302	52.58	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	205520	52.66	ug/l	99
89) n-Butylbenzene	13.70	91	444113	53.13	ug/l	99
90) Hexachloroethane	13.96	117	82392	54.21	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185549	53.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15769	50.57	ug/l	98

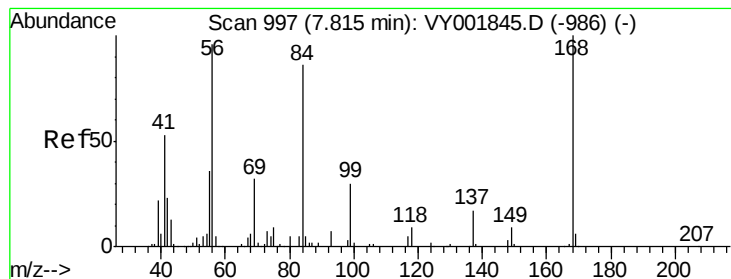
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	118416	52.24	ug/l	97
94) Hexachlorobutadiene	15.11	225	59322	53.68	ug/l	100
95) Naphthalene	15.24	128	304737	56.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	105201	52.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

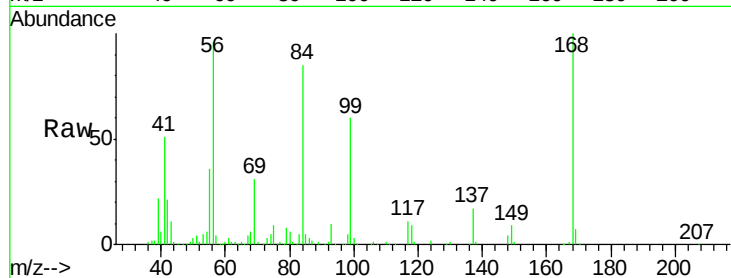
VSTDCCC050EC

Tgt Ion:168 Resp: 156148

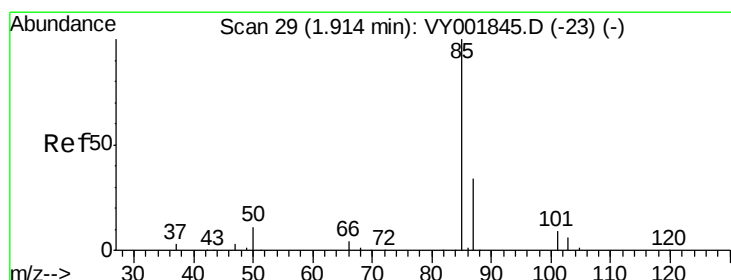
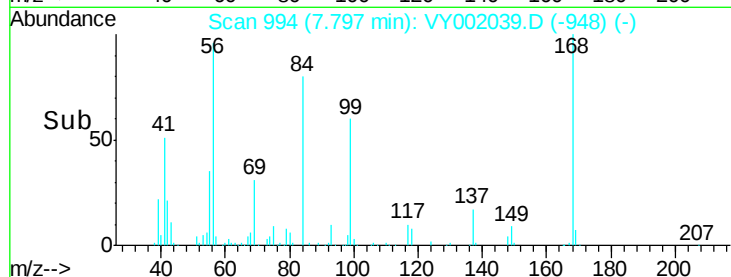
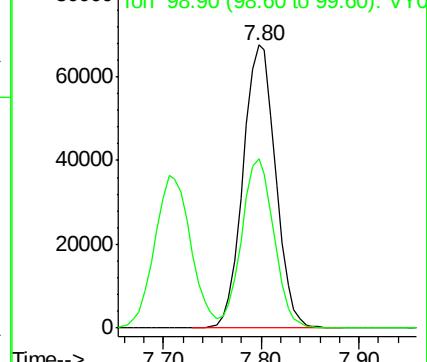
Ion Ratio Lower Upper

168 100

99 59.8 46.7 70.1



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



#2

Dichlorodifluoromethane

Concen: 43.55 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002039.D

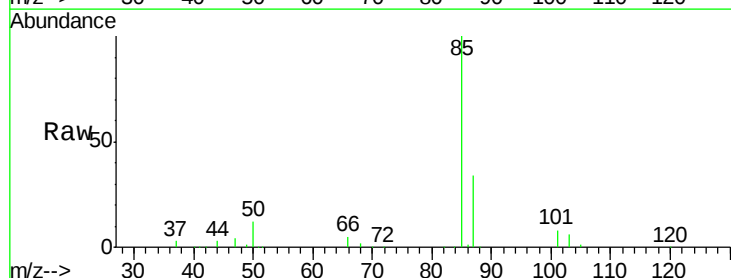
Acq: 20 Mar 2020 16:22

Tgt Ion: 85 Resp: 62776

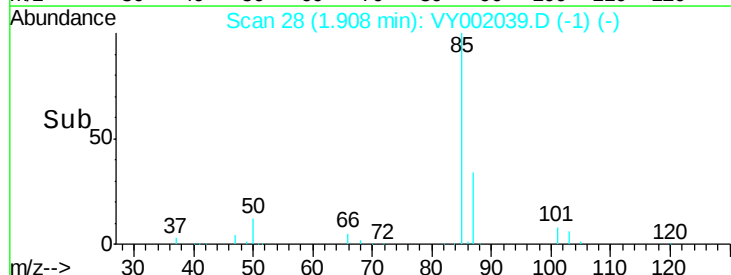
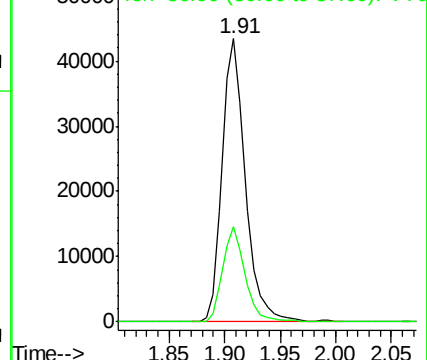
Ion Ratio Lower Upper

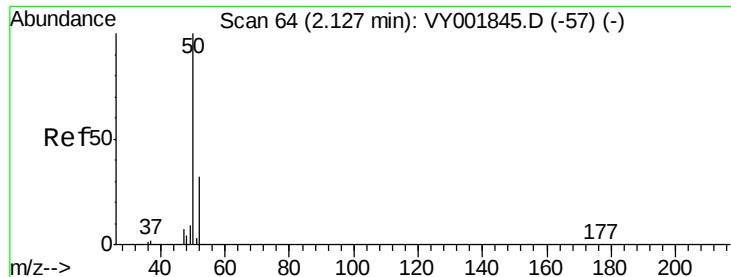
85 100

87 33.5 16.8 50.4



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





#3

Chloromethane

Concen: 46.36 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

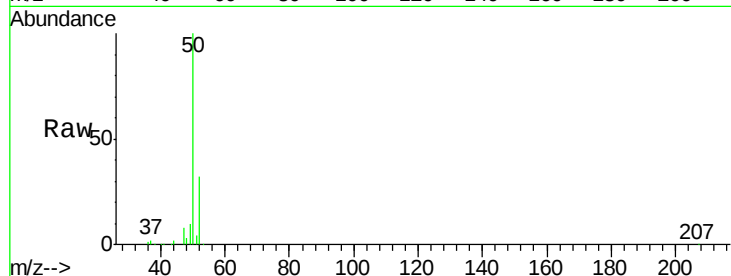
VSTDCCC050EC

Tgt Ion: 50 Resp: 90086

Ion Ratio Lower Upper

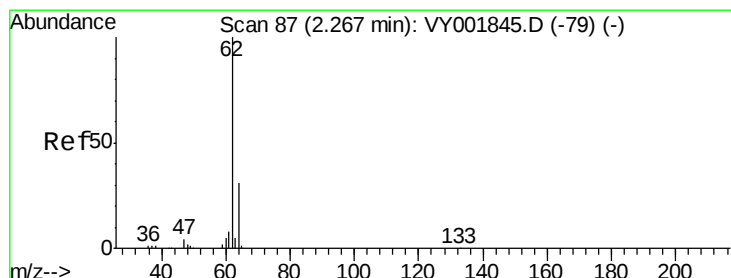
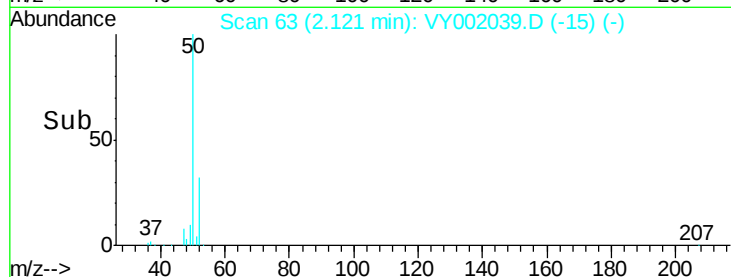
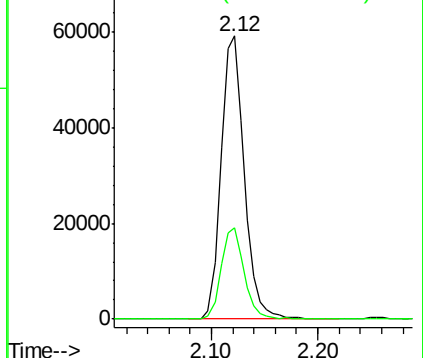
50 100

52 32.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.51 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002039.D

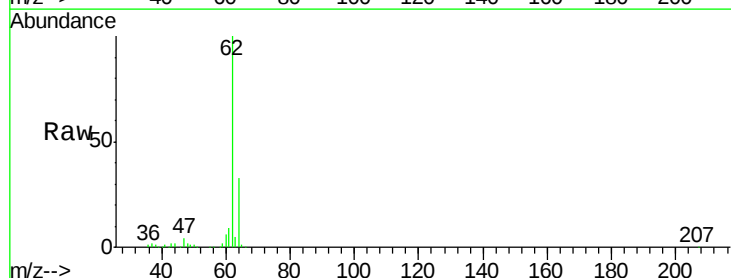
Acq: 20 Mar 2020 16:22

Tgt Ion: 62 Resp: 93920

Ion Ratio Lower Upper

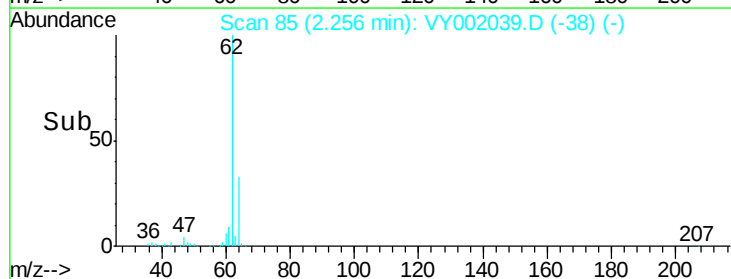
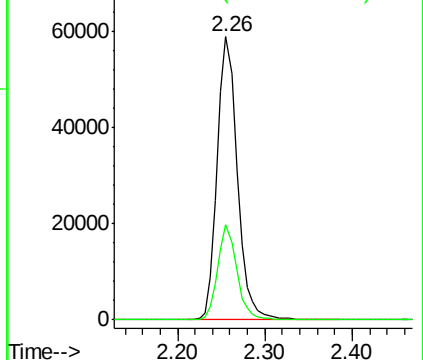
62 100

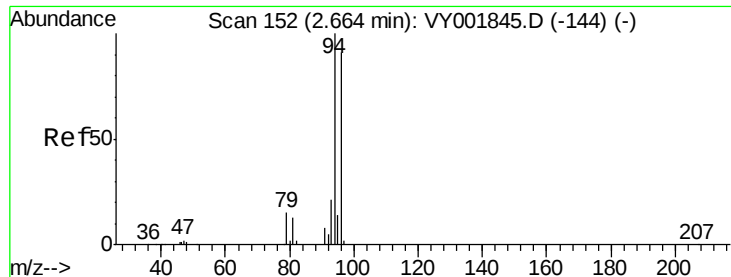
64 33.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 55.40 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

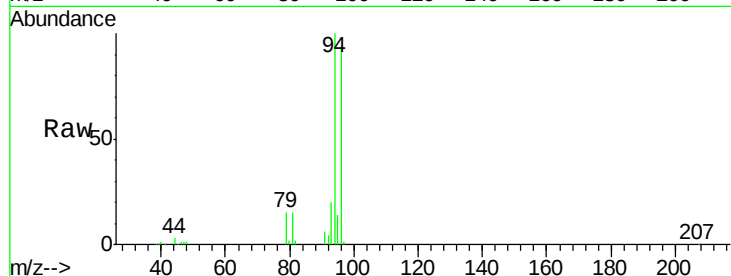
VSTDCCC050EC

Tgt Ion: 94 Resp: 63233

Ion Ratio Lower Upper

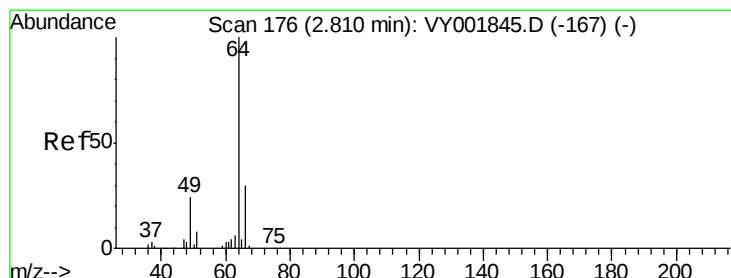
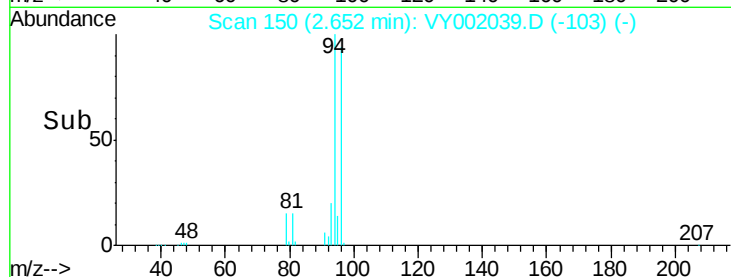
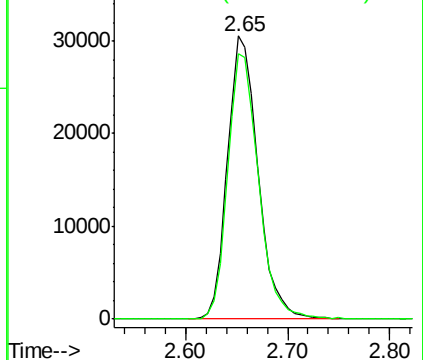
94 100

96 93.9 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: 51.23 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002039.D

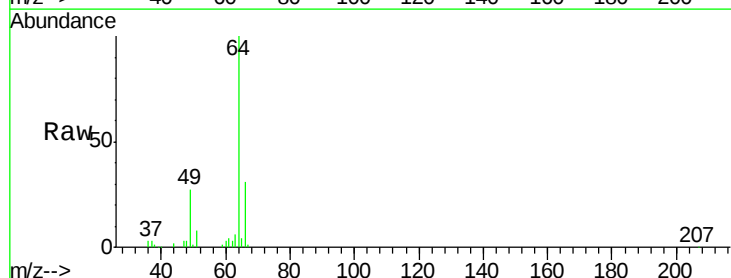
Acq: 20 Mar 2020 16:22

Tgt Ion: 64 Resp: 63606

Ion Ratio Lower Upper

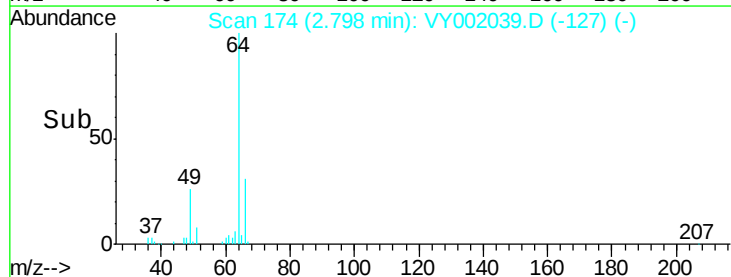
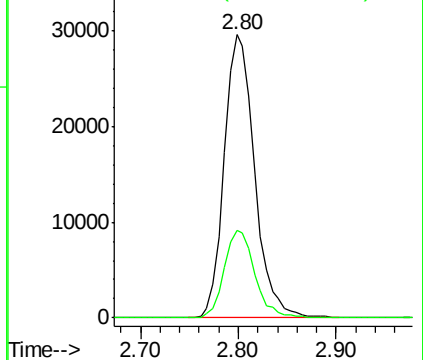
64 100

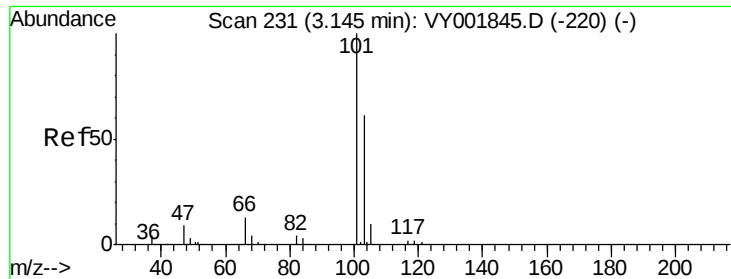
66 31.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



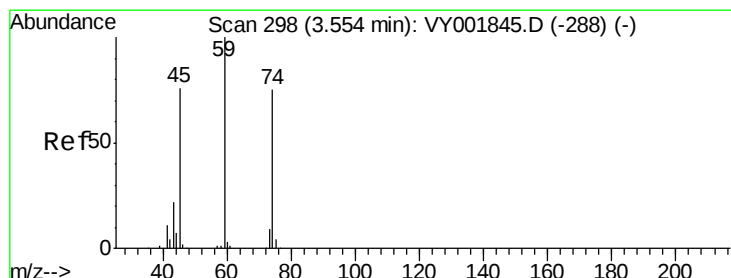
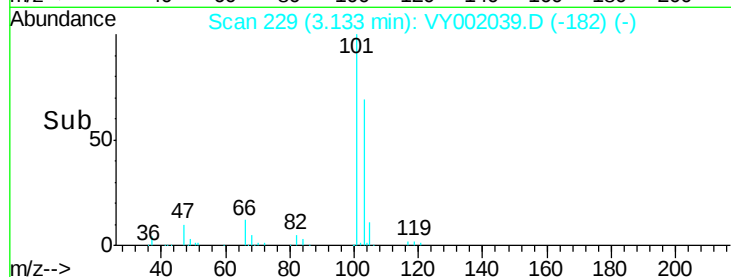
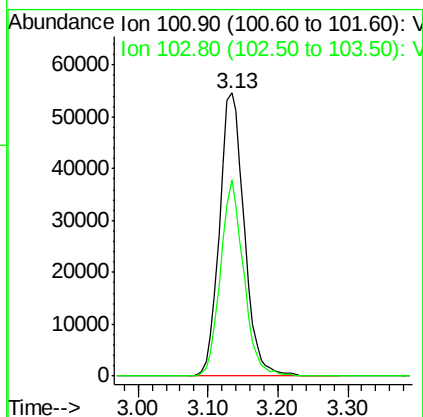
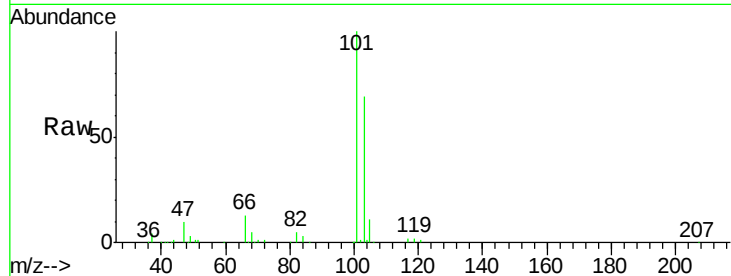


#7

Trichlorofluoromethane
 Concen: 50.01 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

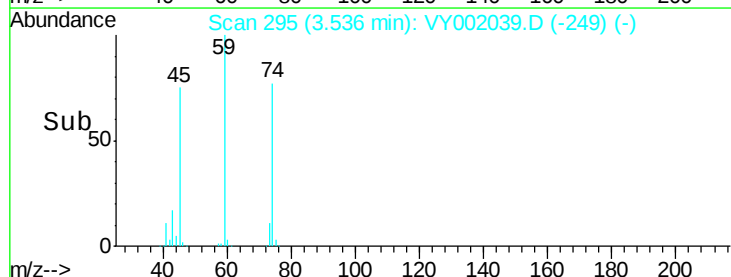
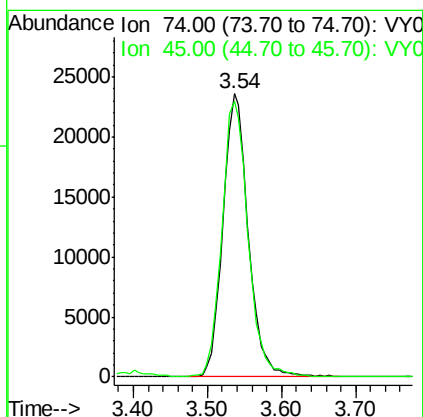
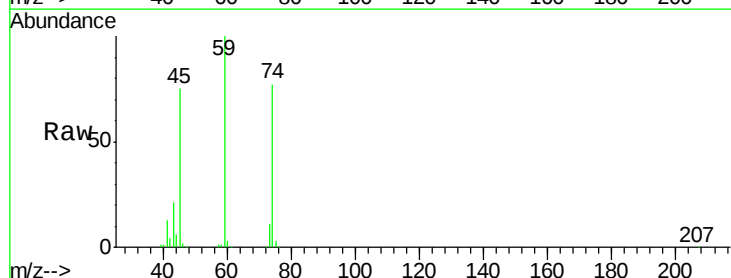
Tgt Ion:101 Resp: 134060
 Ion Ratio Lower Upper
 101 100
 103 69.3 49.1 73.7

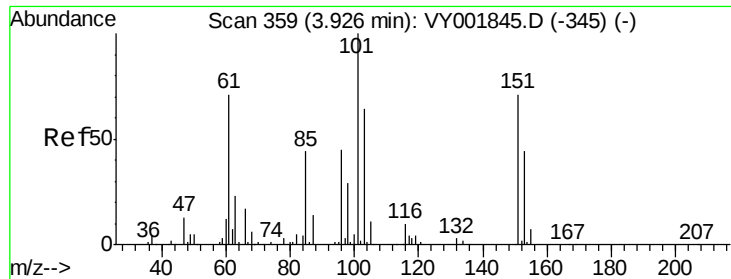


#8

Diethyl Ether
 Concen: 53.06 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 74 Resp: 56060
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.11 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

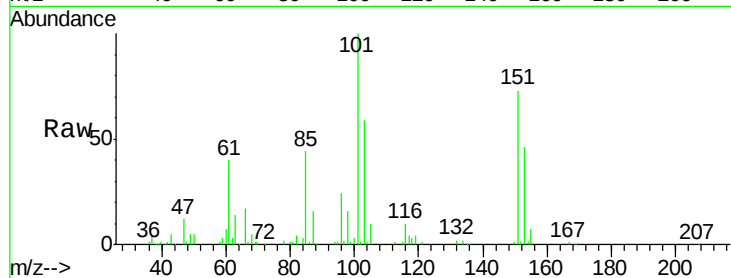
Tgt Ion:101 Resp: 88128

Ion Ratio Lower Upper

101 100

85 45.2 35.3 52.9

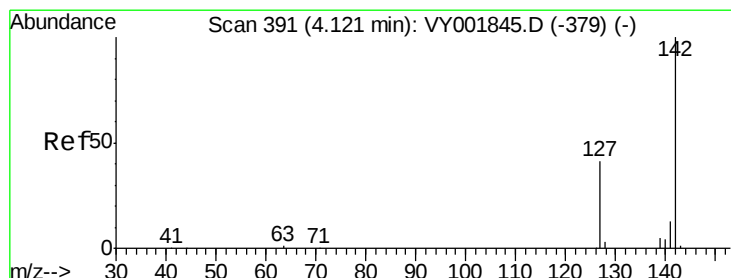
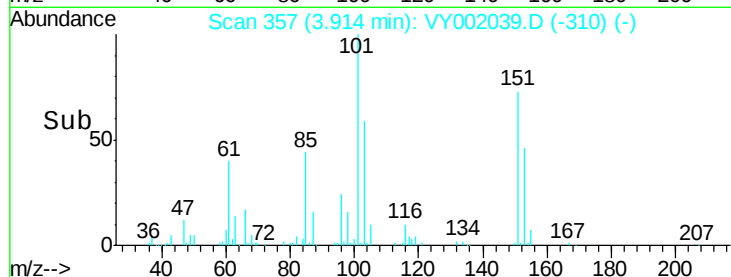
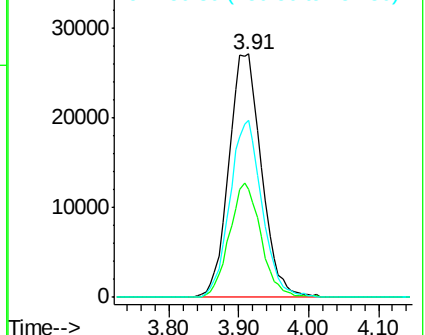
151 71.5 57.0 85.4



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: 53.07 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

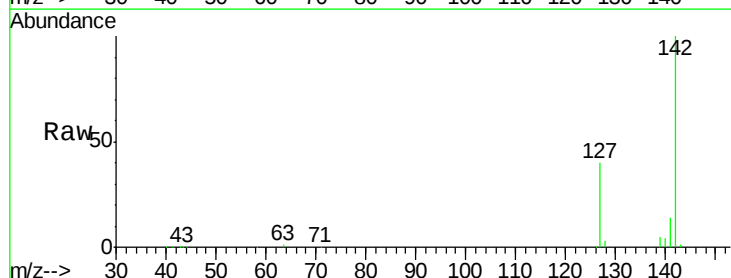
Tgt Ion:142 Resp: 105824

Ion Ratio Lower Upper

142 100

127 41.1 32.7 49.1

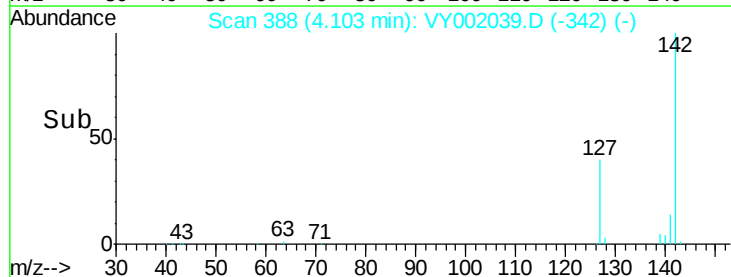
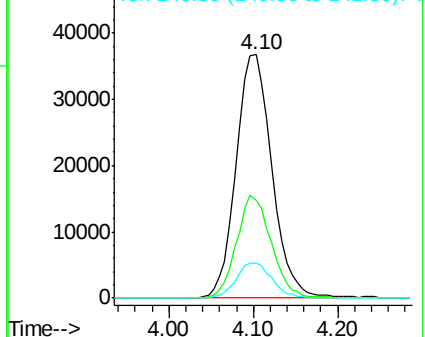
141 14.5 11.0 16.6

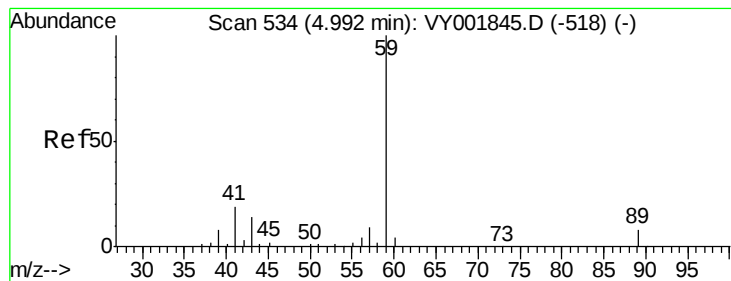


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



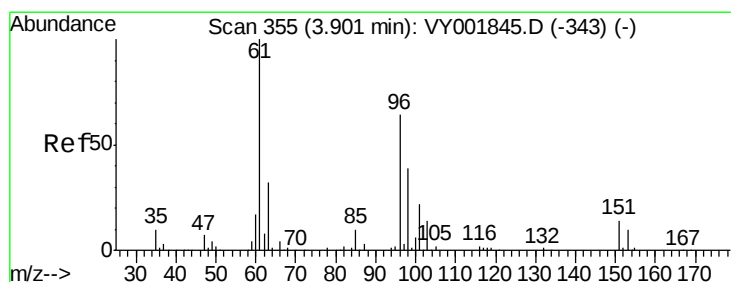
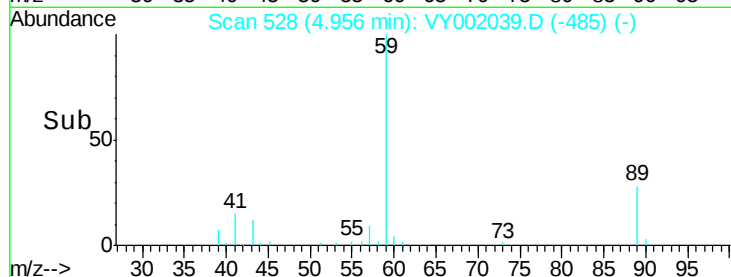
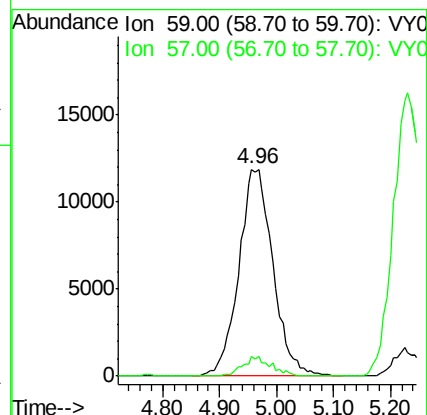
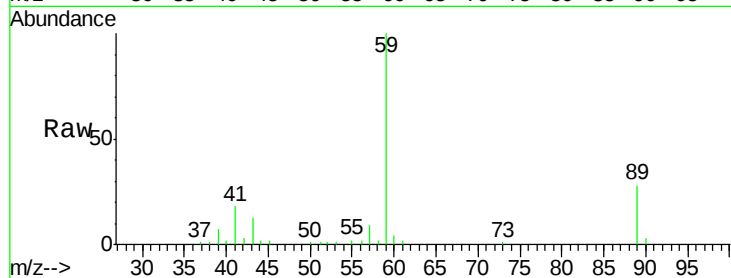


#11

Tert butyl alcohol
 Concen: 290.63 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

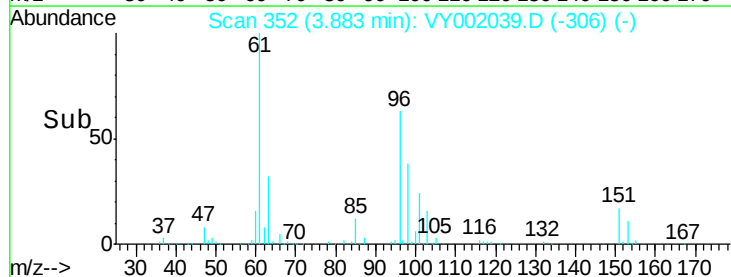
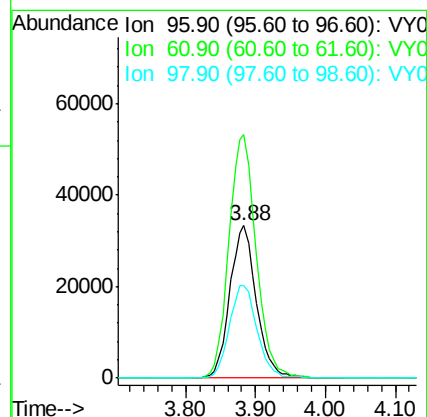
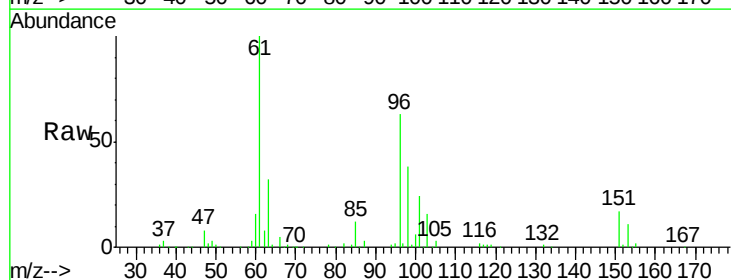
Tgt Ion: 59 Resp: 49780
 Ion Ratio Lower Upper
 59 100
 57 8.0 7.4 11.2

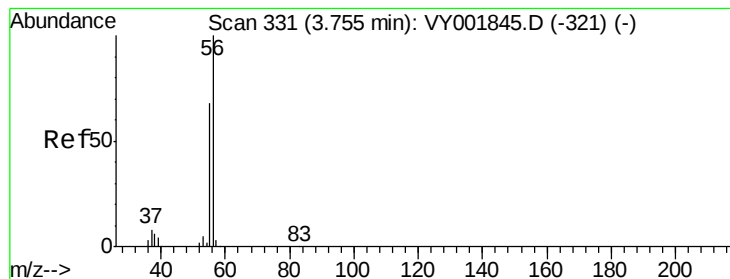


#12

1,1-Dichloroethene
 Concen: 50.46 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 96 Resp: 87605
 Ion Ratio Lower Upper
 96 100
 61 159.7 124.8 187.2
 98 61.0 49.2 73.8





#13

Acrolein

Concen: 189.05 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

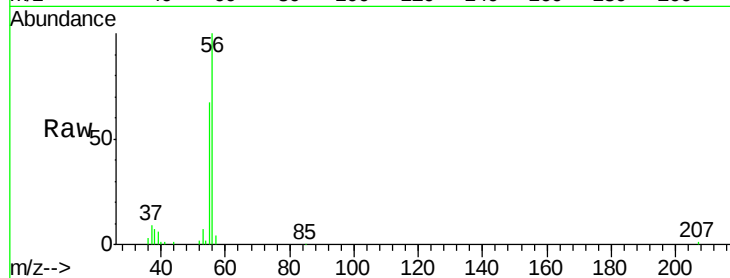
VSTDCCC050EC

Tgt Ion: 56 Resp: 44286

Ion Ratio Lower Upper

56 100

55 70.8 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

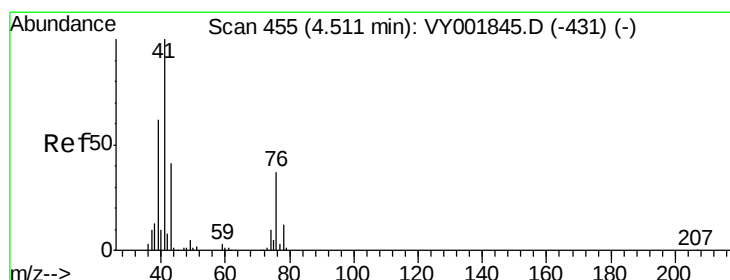
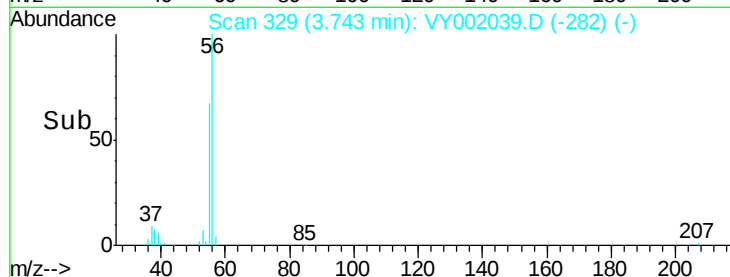
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 53.49 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

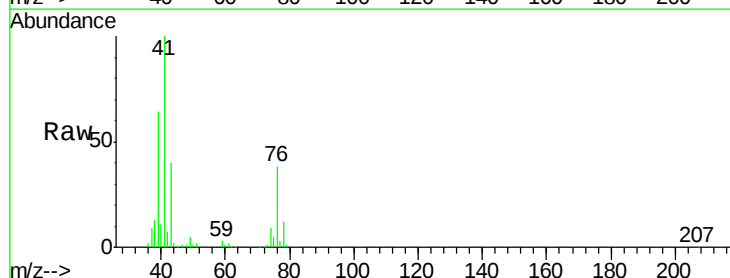
Tgt Ion: 41 Resp: 164614

Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.6

76 35.9 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

120000

100000

80000

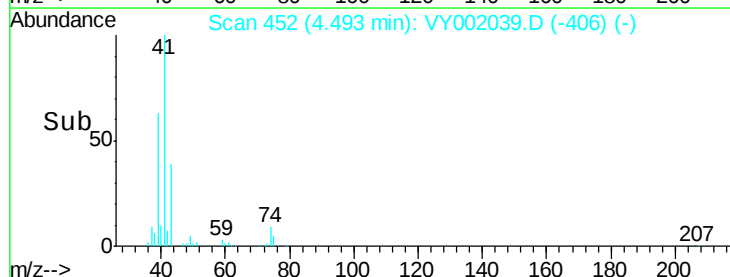
60000

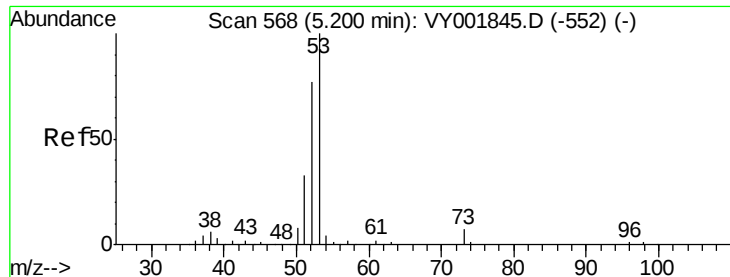
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 258.83 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

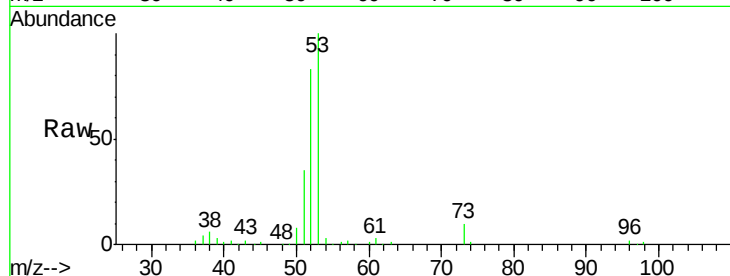
Tgt Ion: 53 Resp: 146134

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

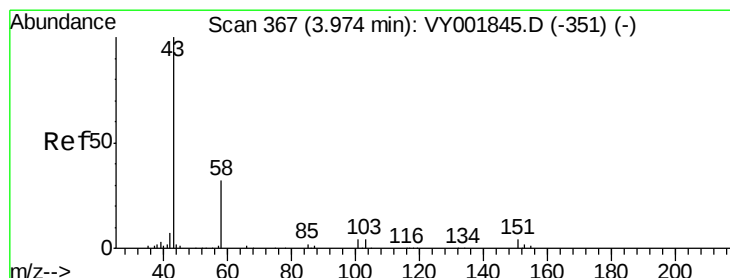
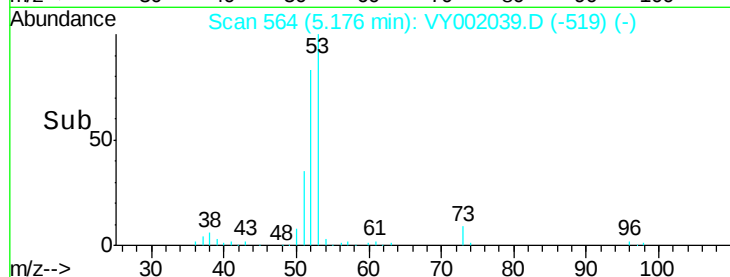
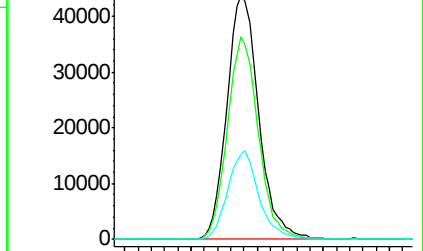
51 35.7 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY002039.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY002039.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY002039.D (-519) (-)



#16

Acetone

Concen: 219.42 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY002039.D

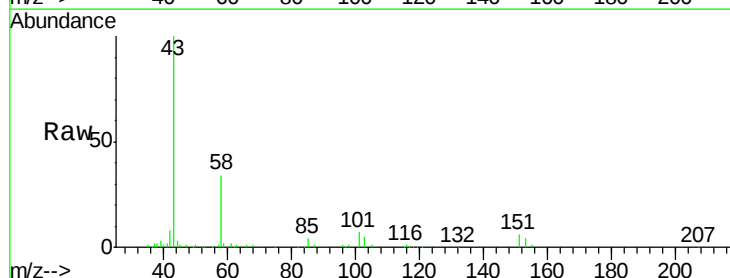
Acq: 20 Mar 2020 16:22

Tgt Ion: 43 Resp: 106536

Ion Ratio Lower Upper

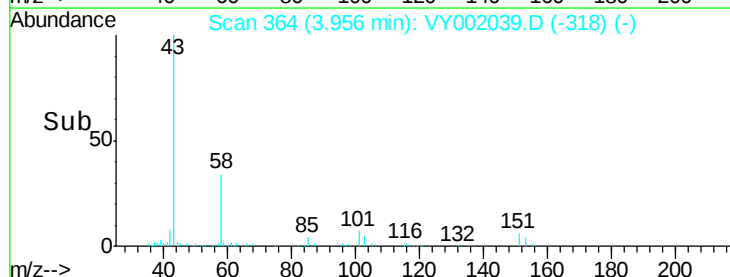
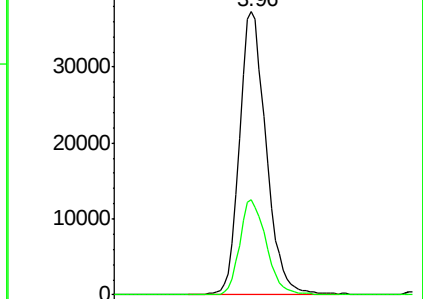
43 100

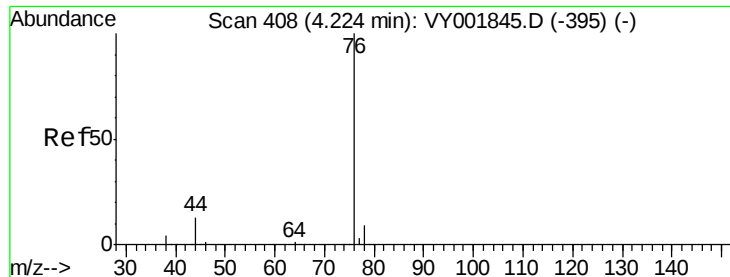
58 33.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY002039.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY002039.D (-318) (-)

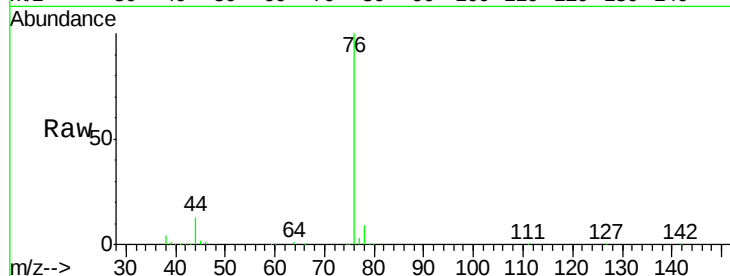




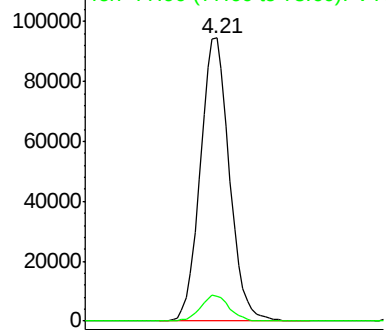
#17
Carbon Disulfide
Concen: 45.41 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

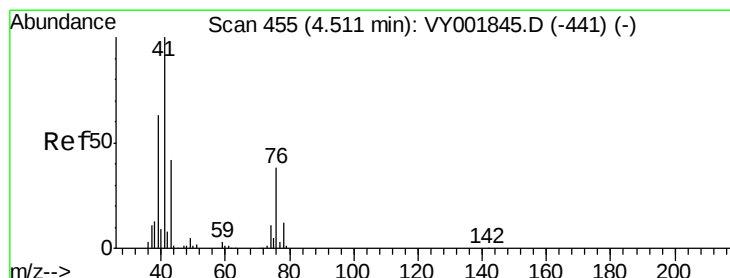
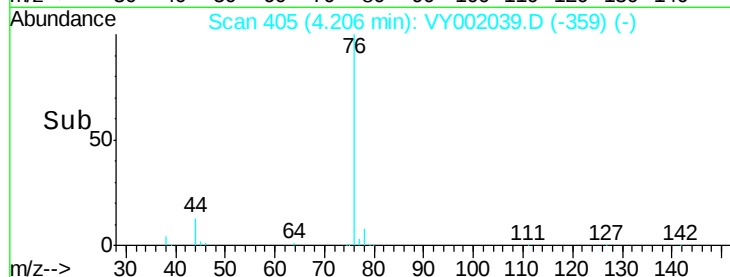
Tgt Ion: 76 Resp: 265023
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

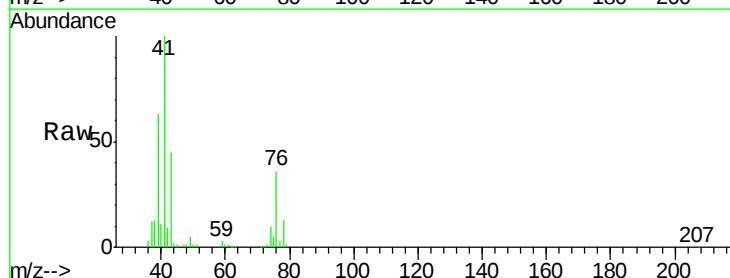


Time-->

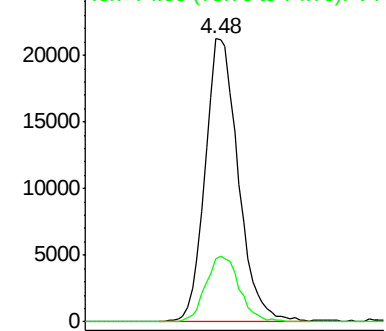


#18
Methyl Acetate
Concen: 51.30 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.03 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

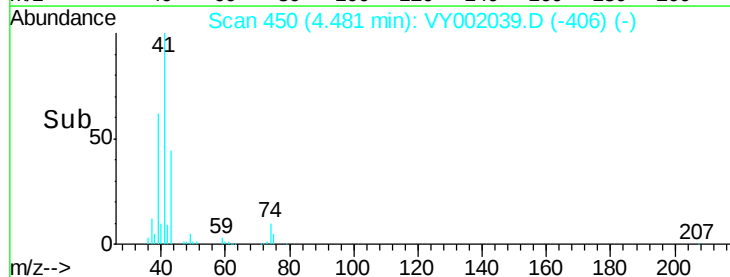
Tgt Ion: 43 Resp: 63997
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6

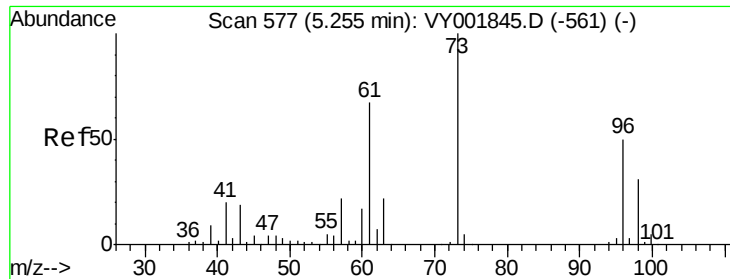


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0



Time-->

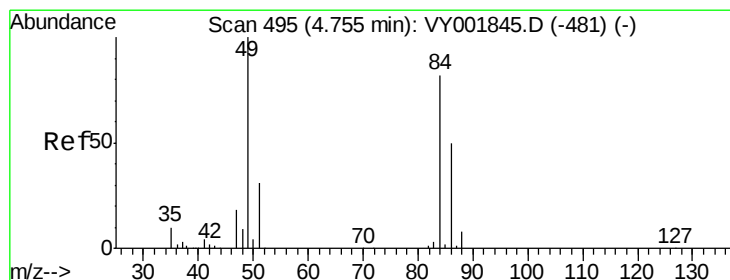
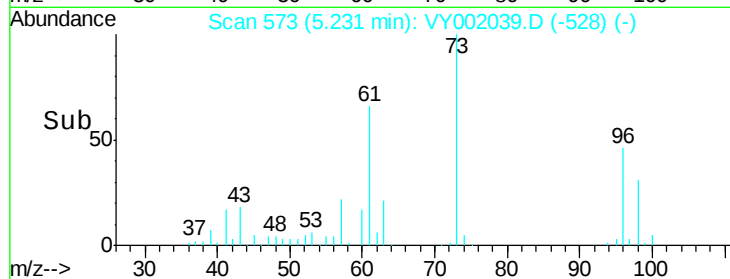
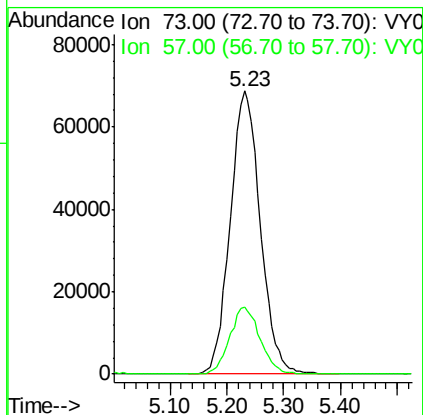
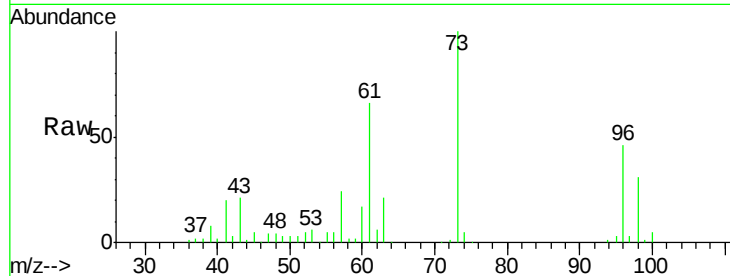




#19
Methyl tert-butyl Ether
Concen: 53.85 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

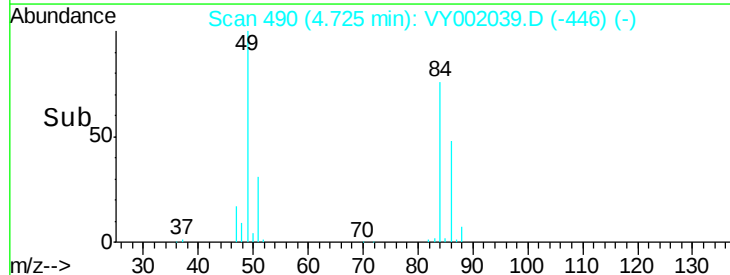
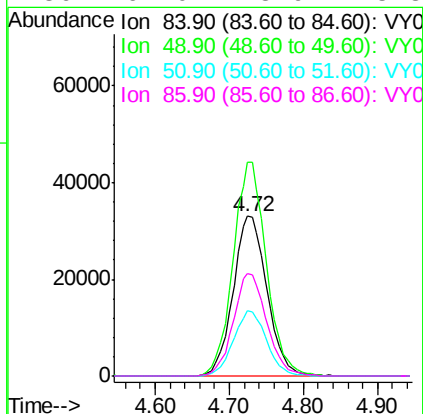
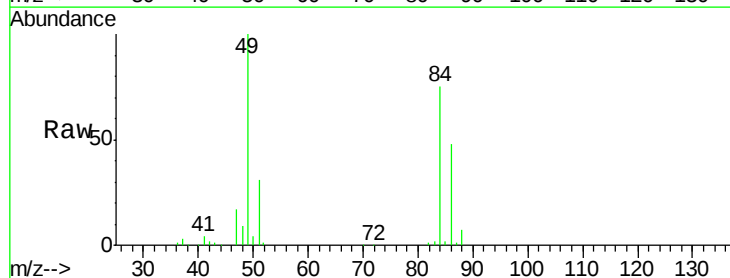
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

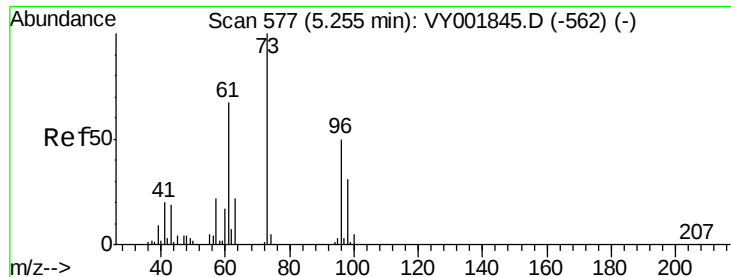
Tgt Ion: 73 Resp: 253341
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2



#20
Methylene Chloride
Concen: 50.45 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 84 Resp: 104977
Ion Ratio Lower Upper
84 100
49 133.6 98.2 147.2
51 41.1 30.2 45.2
86 64.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 51.51 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

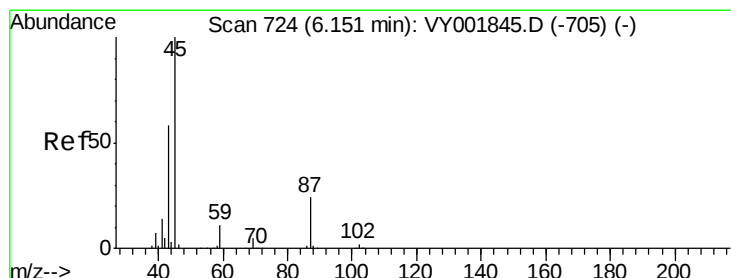
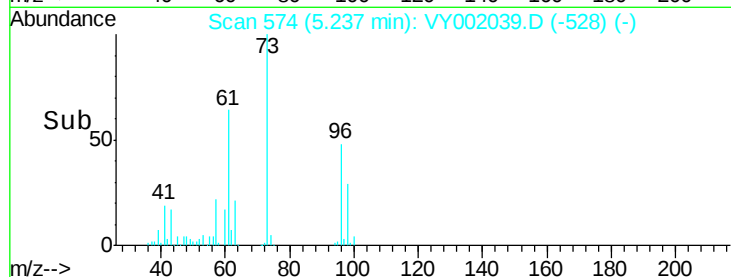
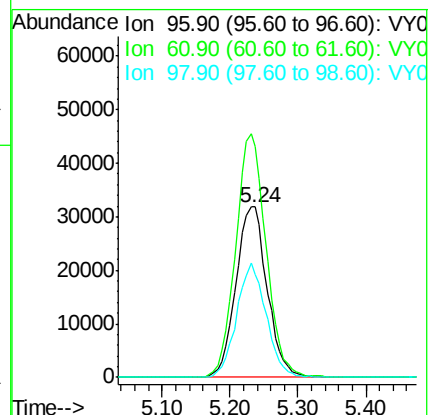
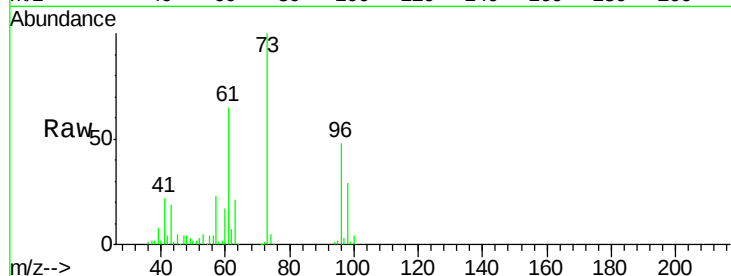
Tgt Ion: 96 Resp: 101498

Ion Ratio Lower Upper

96 100

61 135.4 107.7 161.5

98 60.7 49.3 73.9



#22

Diisopropyl ether

Concen: 55.49 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion: 45 Resp: 350105

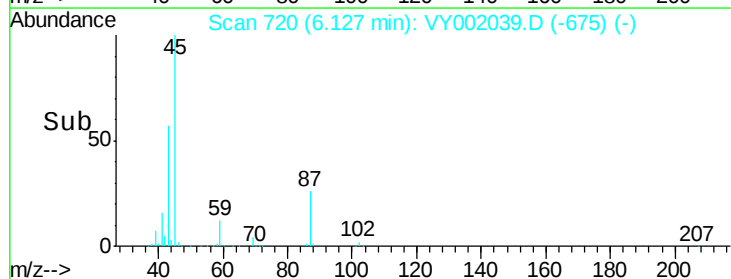
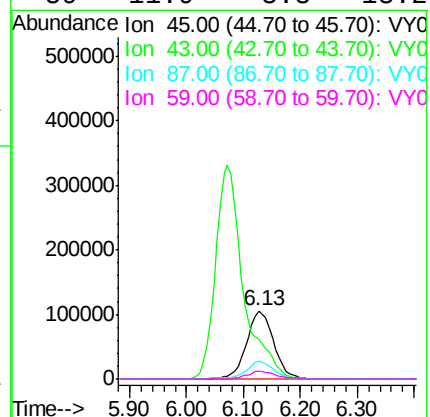
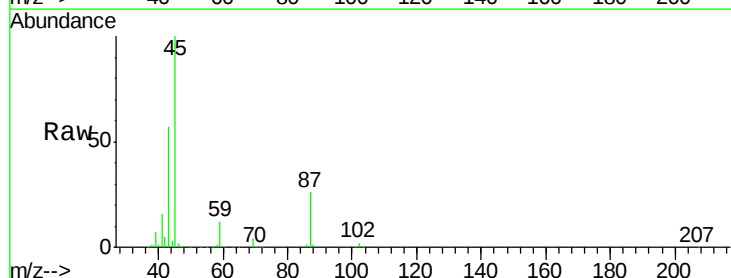
Ion Ratio Lower Upper

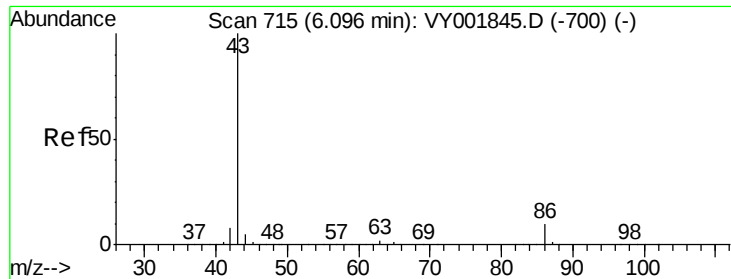
45 100

43 57.1 47.2 70.8

87 26.4 19.8 29.8

59 11.9 8.8 13.2





#23

Vinyl Acetate

Concen: 270.48 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

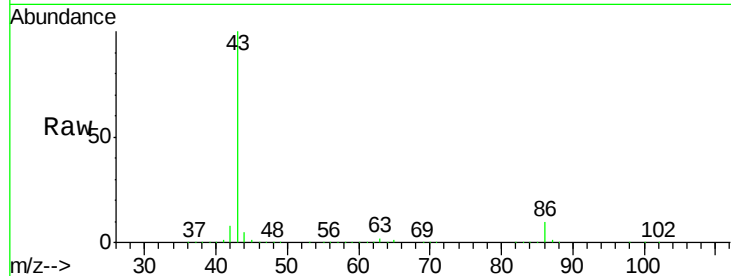
VSTDCCC050EC

Tgt Ion: 43 Resp: 1118651

Ion Ratio Lower Upper

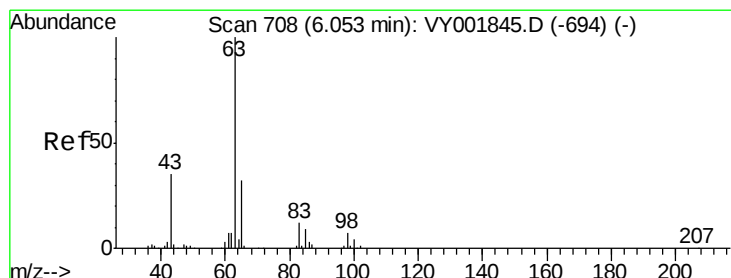
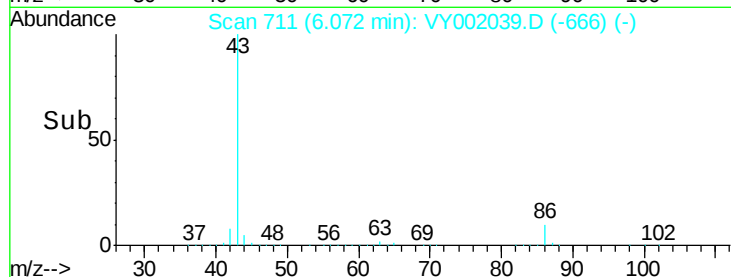
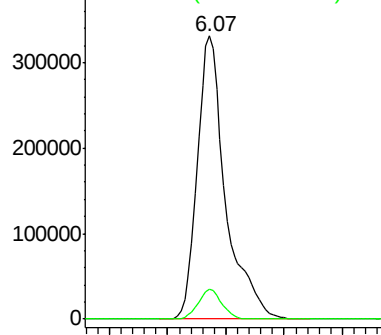
43 100

86 10.5 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: 53.77 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

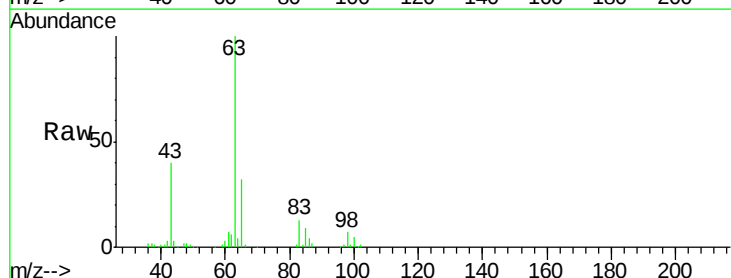
Tgt Ion: 63 Resp: 183714

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

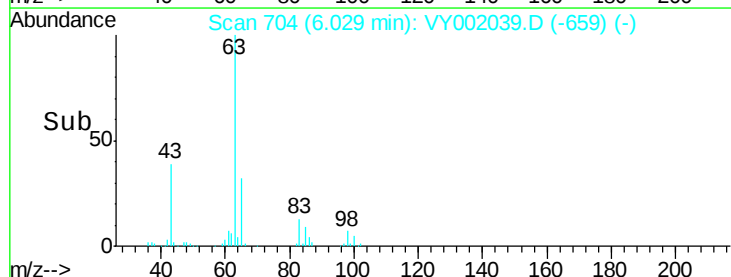
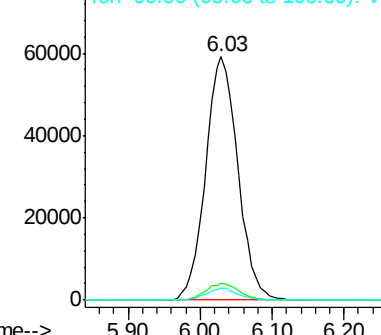
100 4.9 2.0 6.0

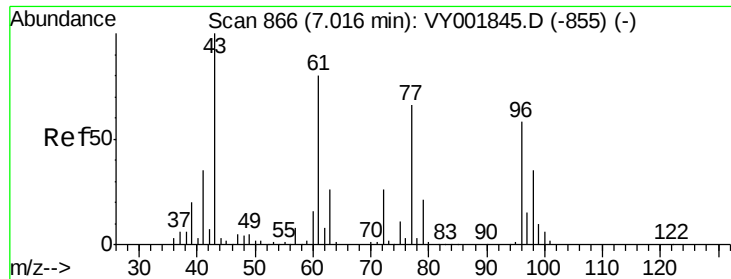


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

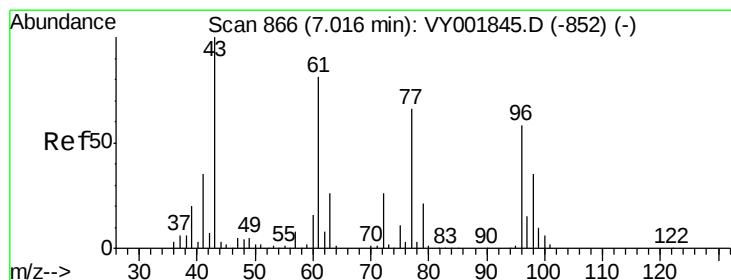
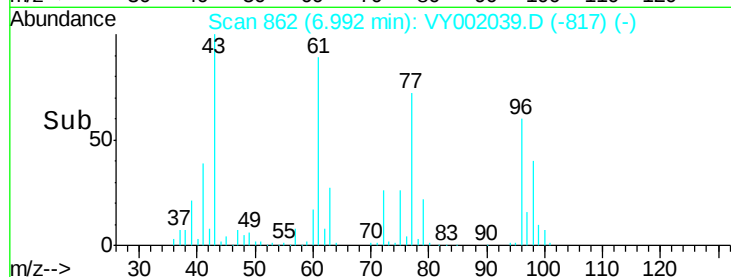
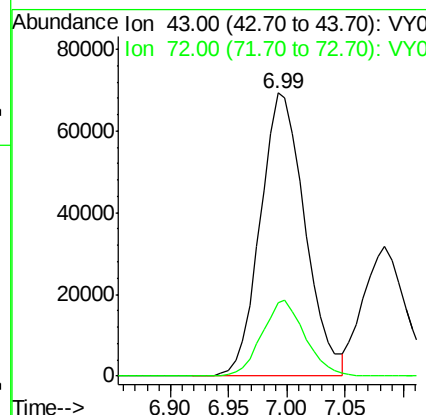
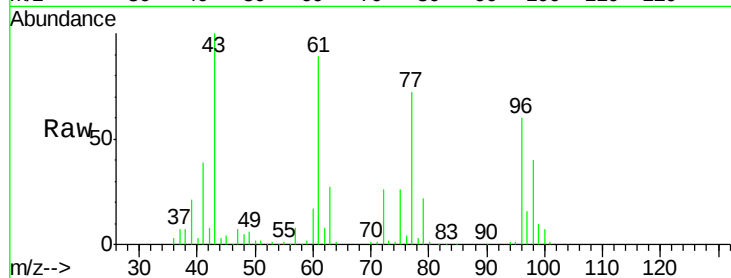




#25
2-Butanone
Concen: 249.69 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

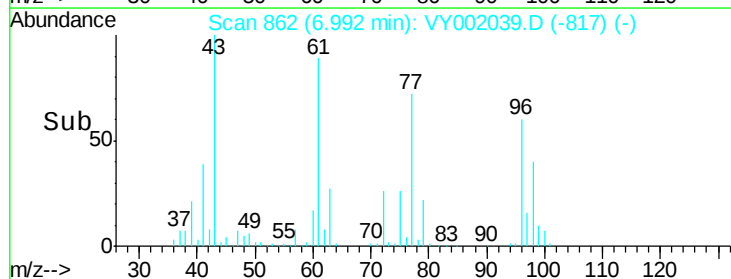
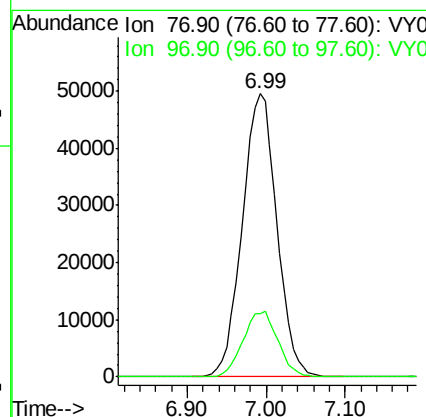
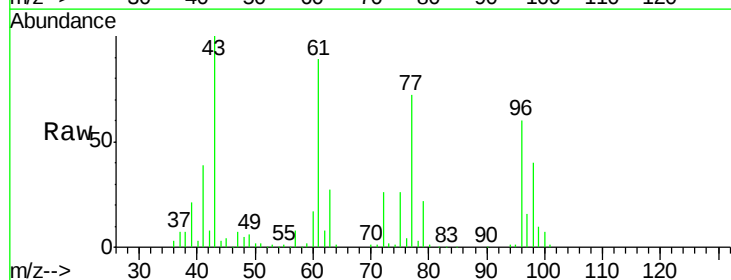
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

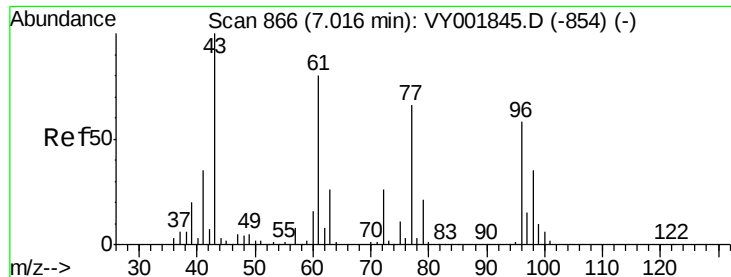
Tgt Ion: 43 Resp: 184362
Ion Ratio Lower Upper
43 100
72 25.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 53.80 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 77 Resp: 150859
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.7

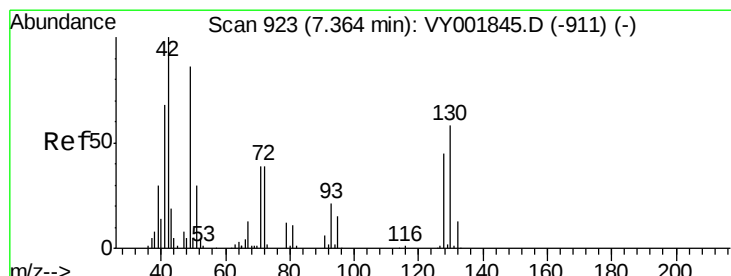
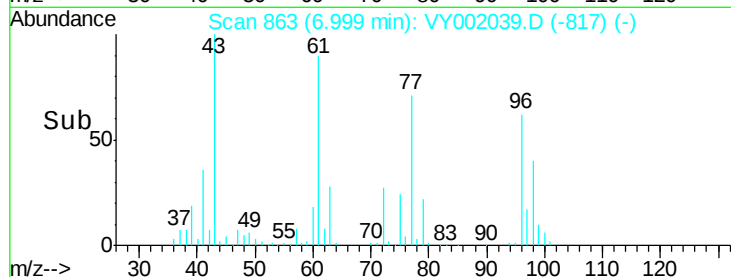
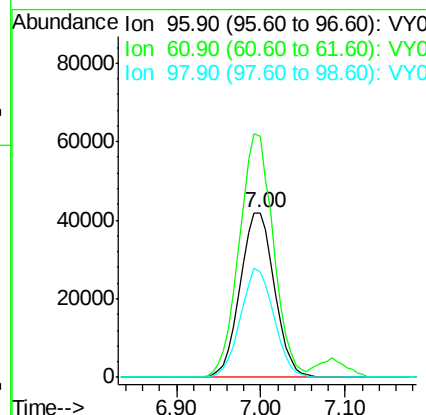
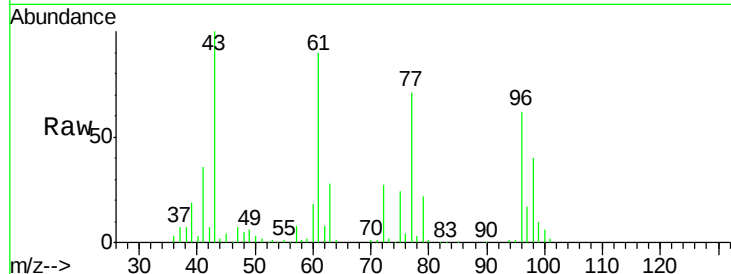




#27
 cis-1,2-Dichloroethene
 Concen: 53.82 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

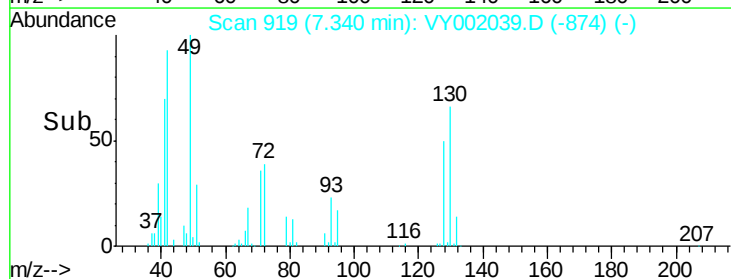
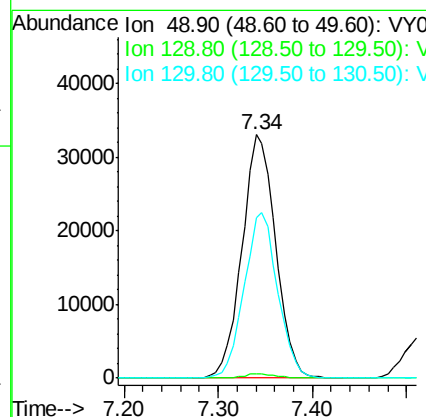
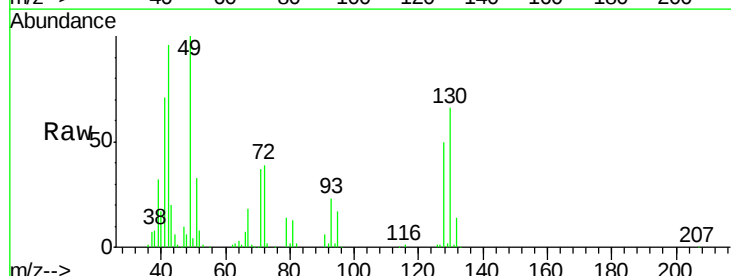
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

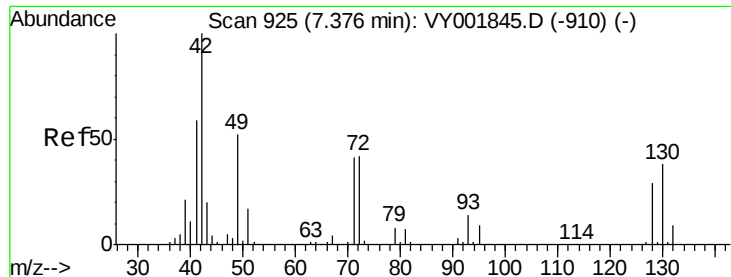
Tgt Ion: 96 Resp: 115351
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 288.2
 98 64.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 53.63 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 49 Resp: 82591
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 67.8 54.4 81.6





#29

Tetrahydrofuran

Concen: 253.13 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

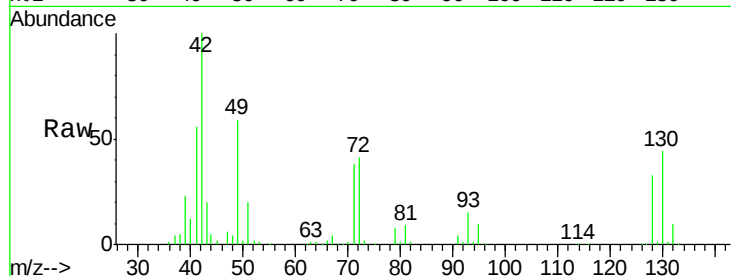
Tgt Ion: 42 Resp: 124113

Ion Ratio Lower Upper

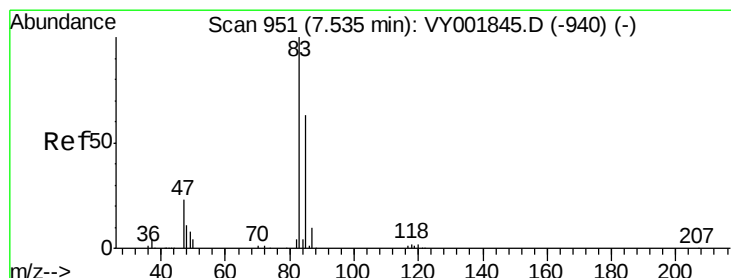
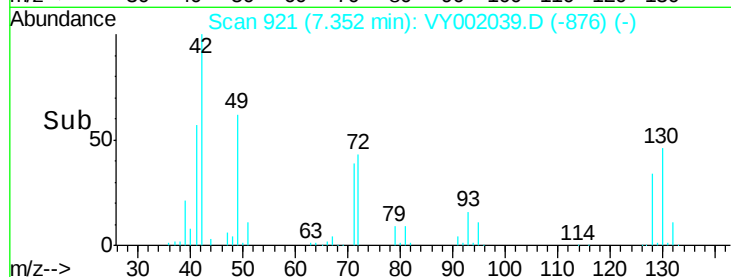
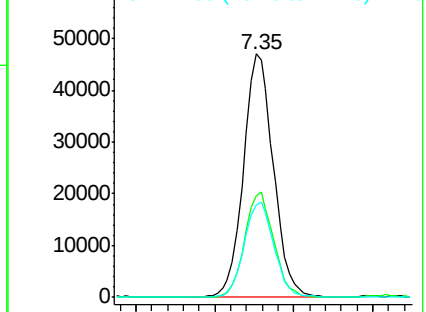
42 100

72 42.0 33.5 50.3

71 38.8 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: 55.19 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.02 min

Lab File: VY002039.D

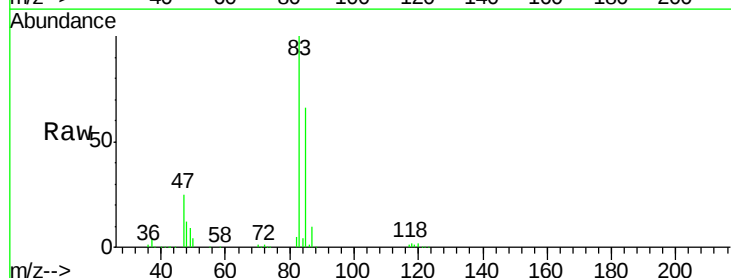
Acq: 20 Mar 2020 16:22

Tgt Ion: 83 Resp: 177141

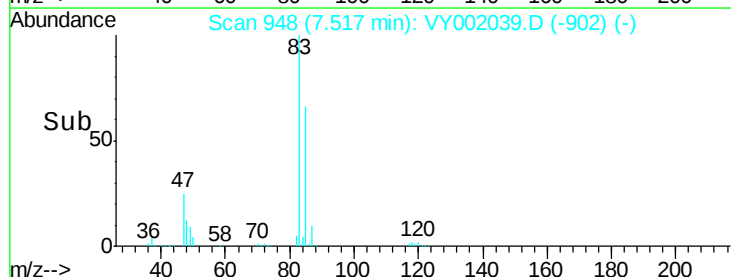
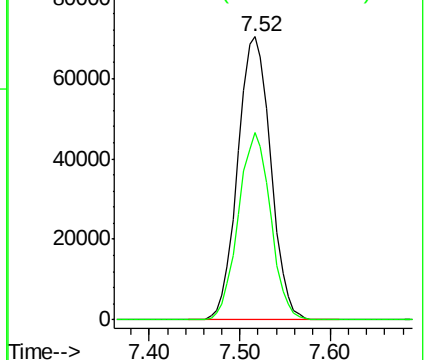
Ion Ratio Lower Upper

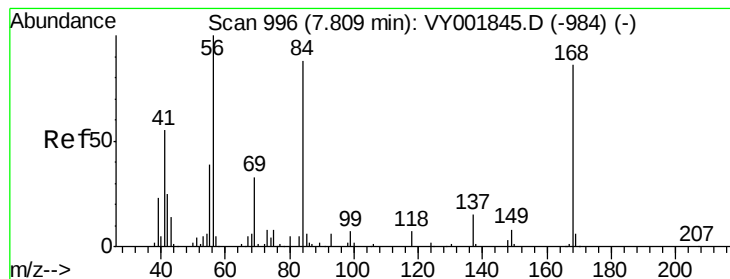
83 100

85 66.4 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: 48.22 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

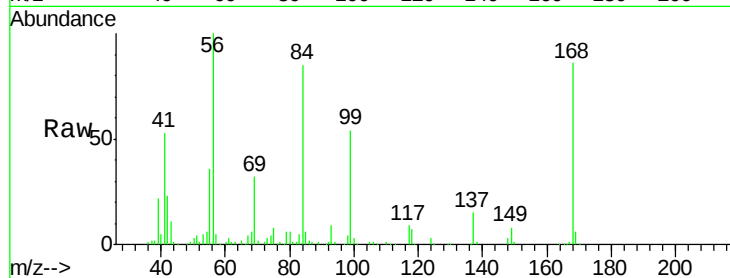
Tgt Ion: 56 Resp: 176640

Ion Ratio Lower Upper

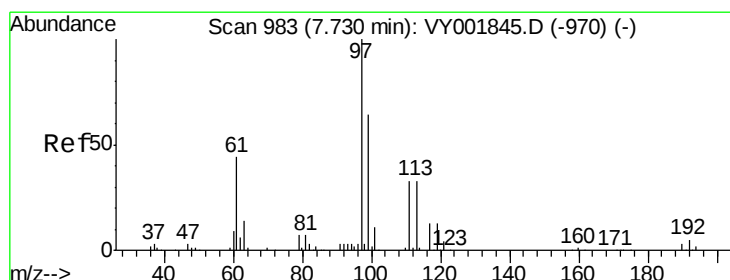
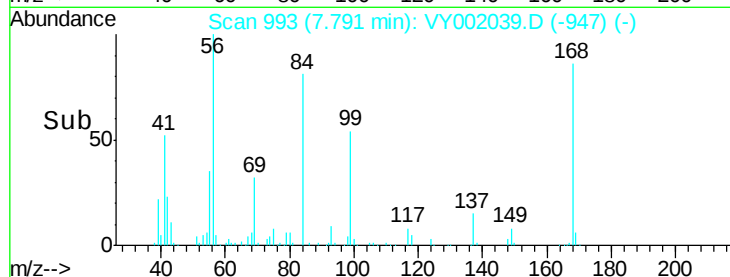
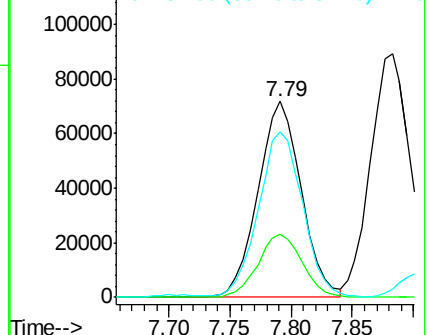
56 100

69 32.4 26.7 40.1

84 83.7 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 55.01 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

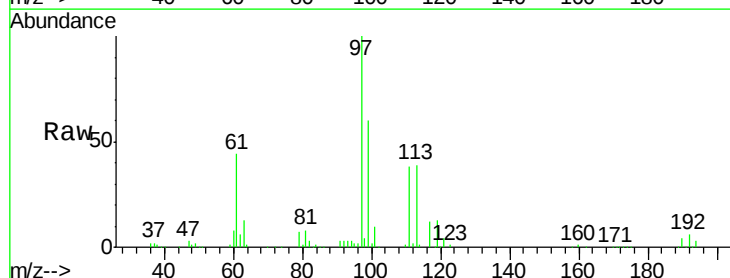
Tgt Ion: 97 Resp: 148833

Ion Ratio Lower Upper

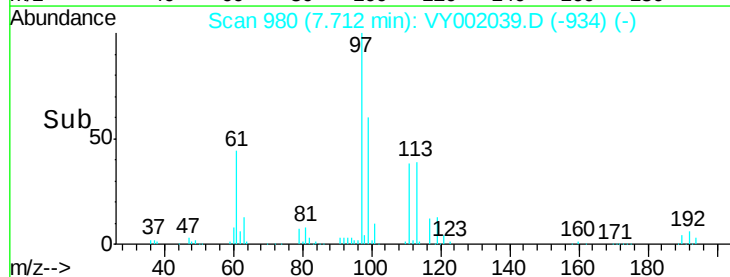
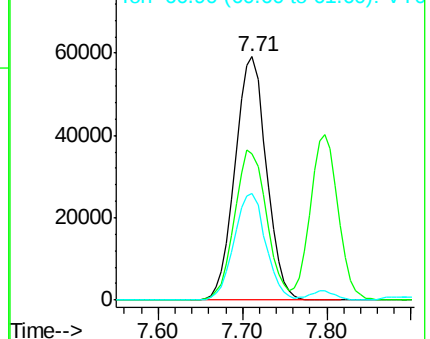
97 100

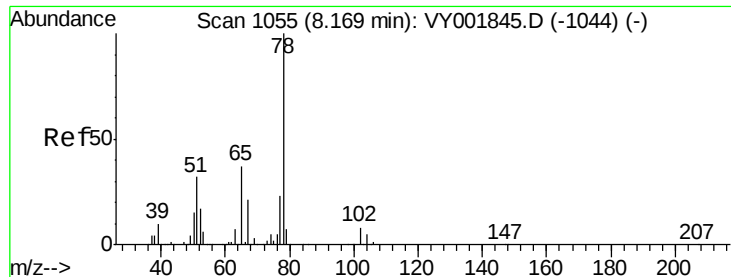
99 63.1 52.0 78.0

61 44.4 35.0 52.4



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





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

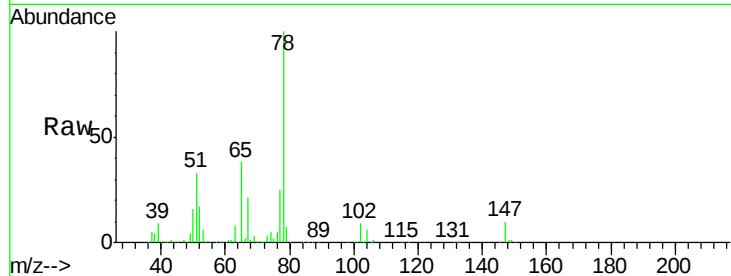
VSTDCCC050EC

Tgt Ion: 65 Resp: 87142

Ion Ratio Lower Upper

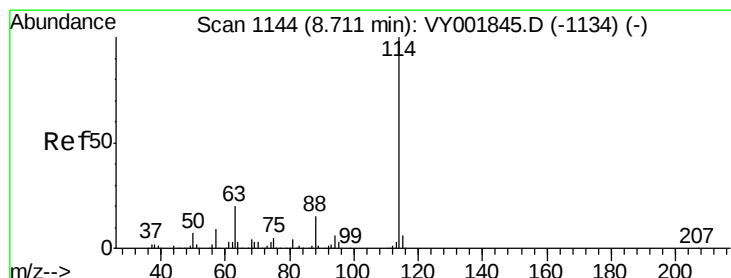
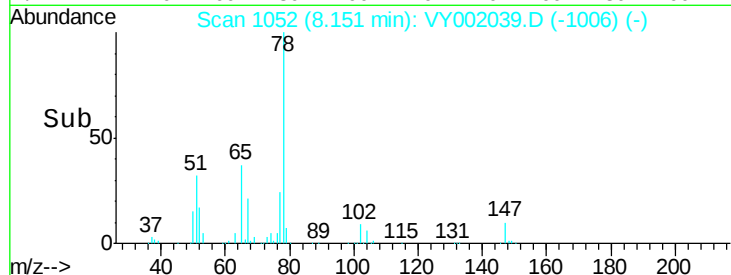
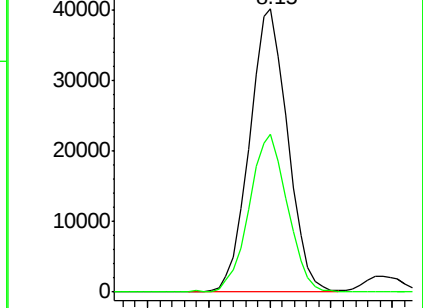
65 100

67 56.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY002039.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002039.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

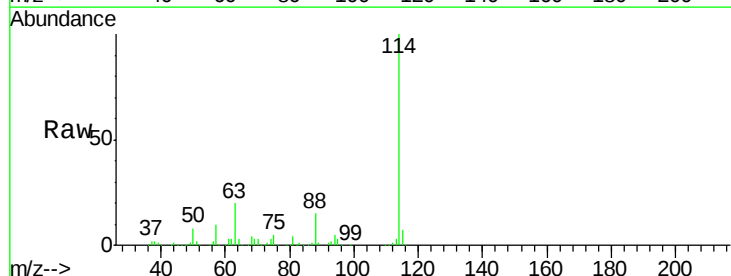
Tgt Ion: 114 Resp: 287311

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

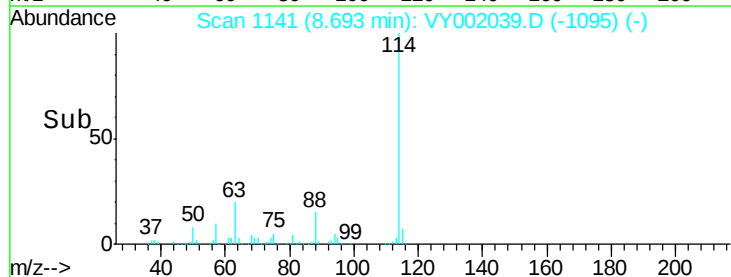
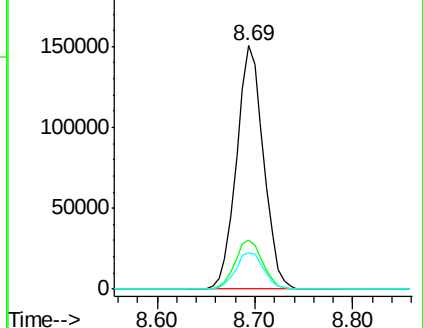
88 14.8 0.0 30.4

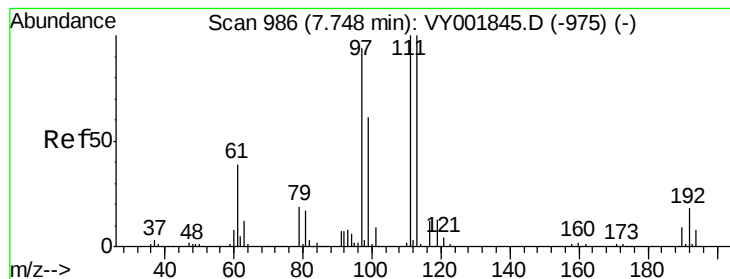


Abundance Ion 113.90 (113.60 to 114.60): VY002039.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY002039.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY002039.D (-1095) (-)





#35

Dibromofluoromethane

Concen: 52.23 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

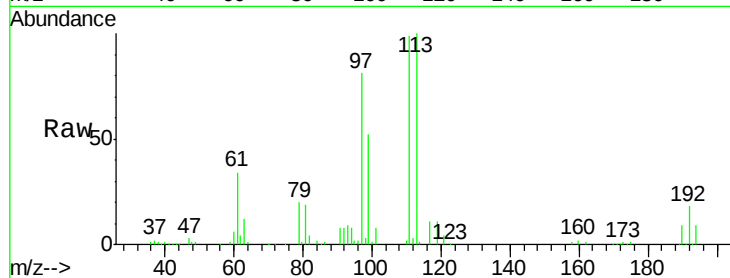
Tgt Ion:113 Resp: 81935

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

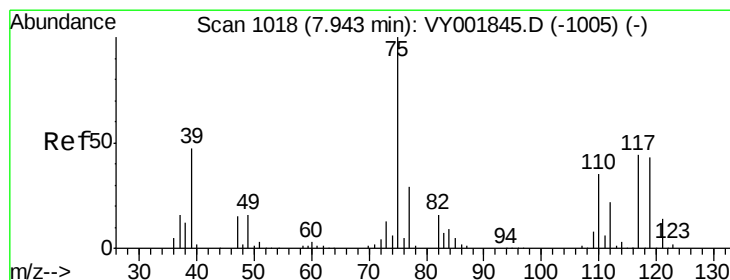
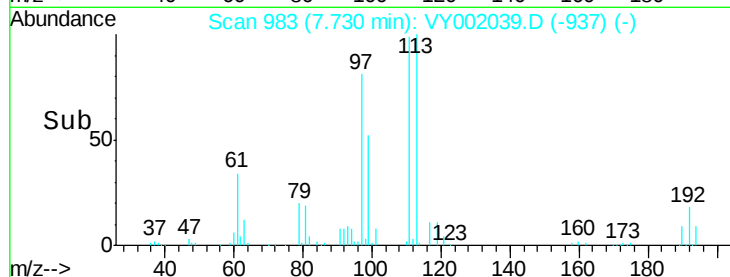
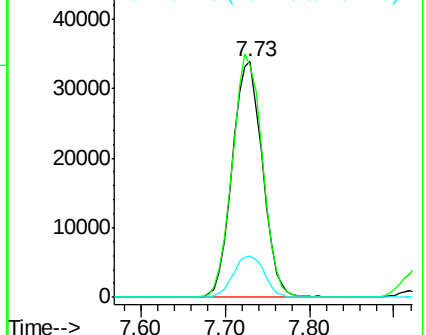
192 18.1 14.2 21.2



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: 51.26 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

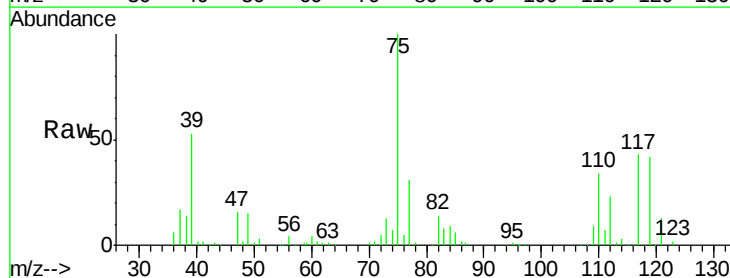
Tgt Ion: 75 Resp: 141737

Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.2

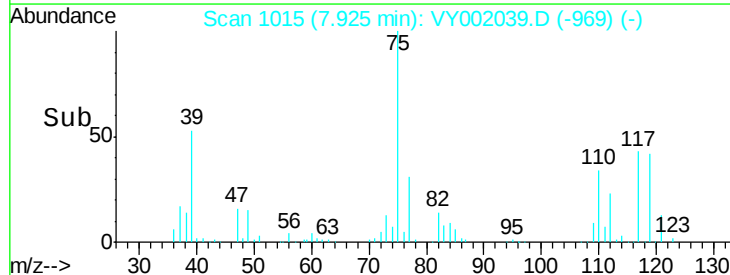
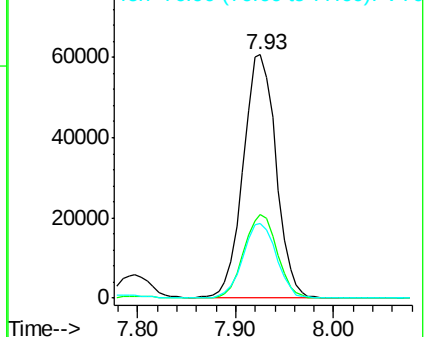
77 31.5 24.2 36.2

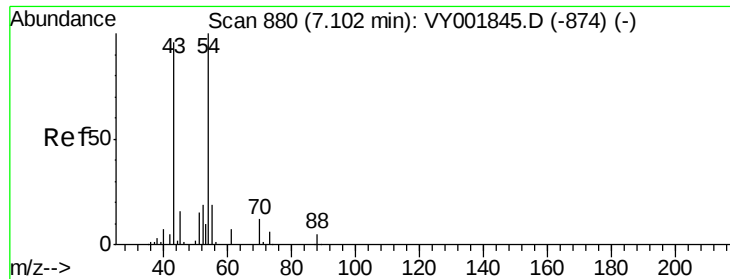


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

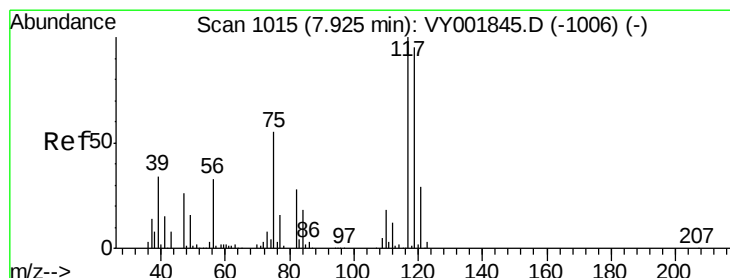
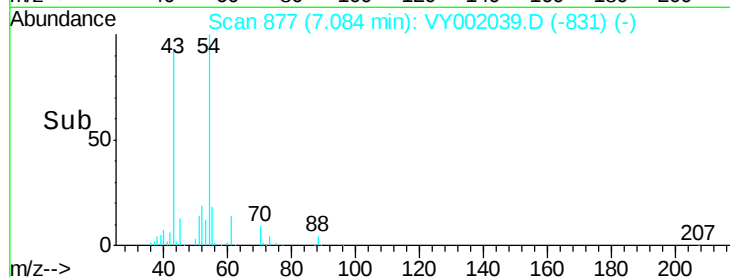
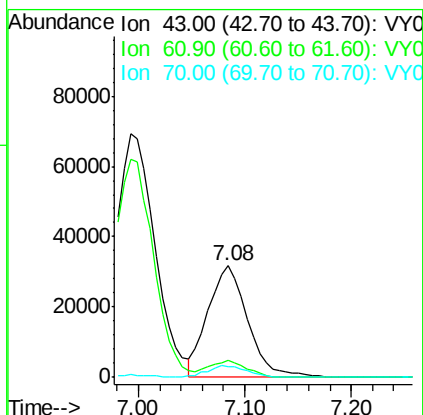
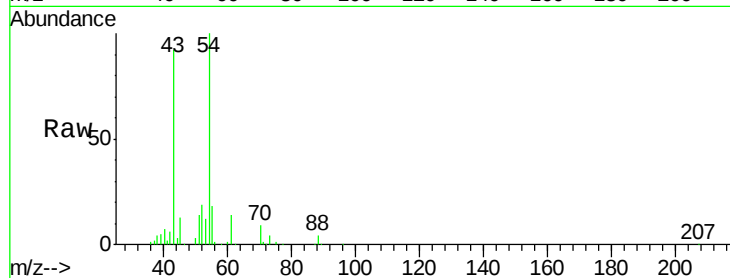




#37
Ethyl Acetate
Concen: 51.15 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

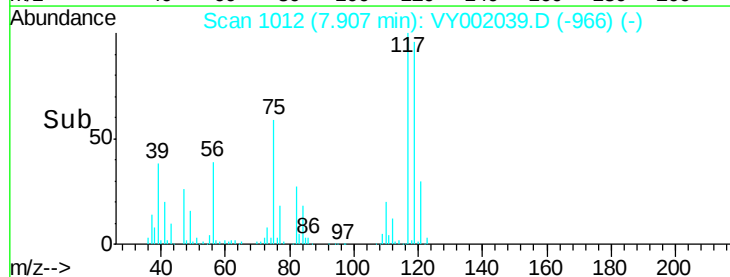
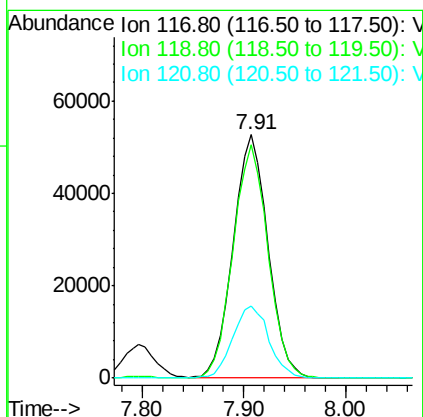
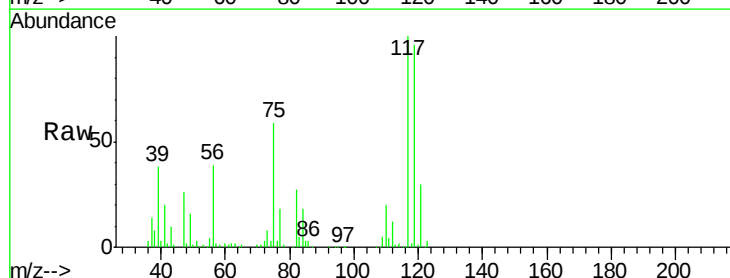
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

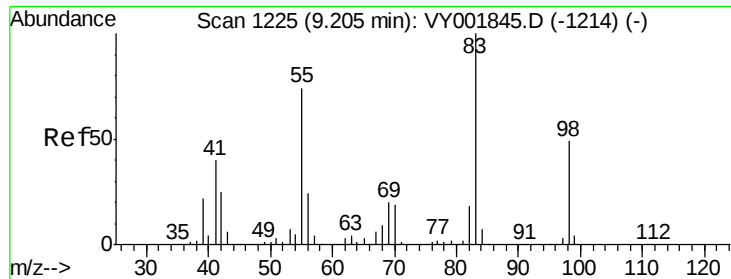
Tgt Ion: 43 Resp: 82195
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 52.86 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 117 Resp: 124847
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
121 29.7 23.5 35.3

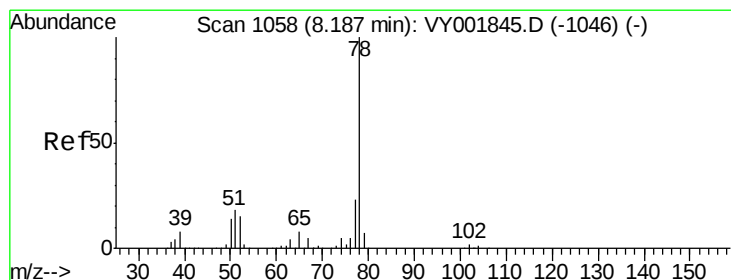
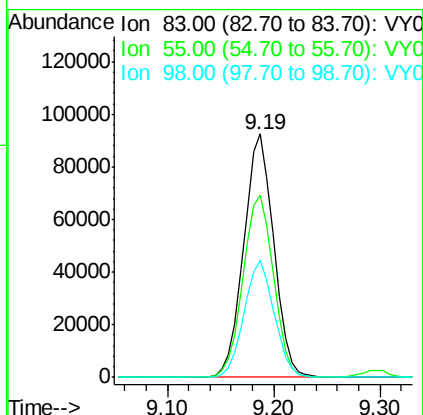
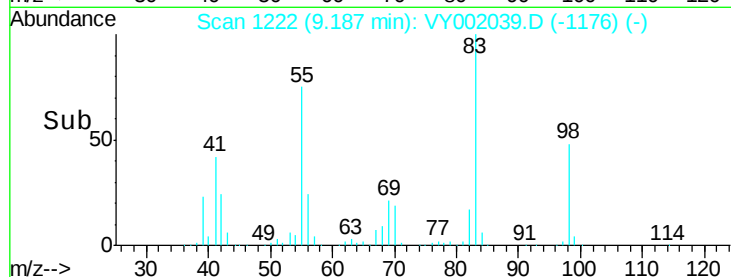
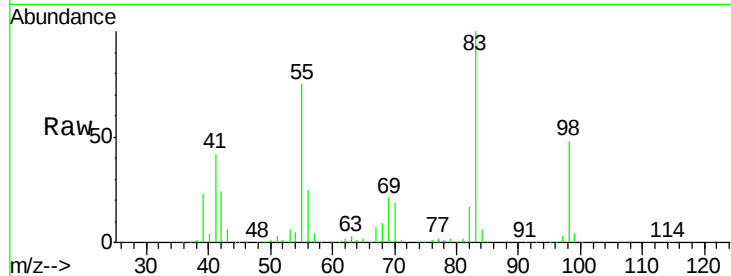




#39
Methylcyclohexane
Concen: 49.97 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

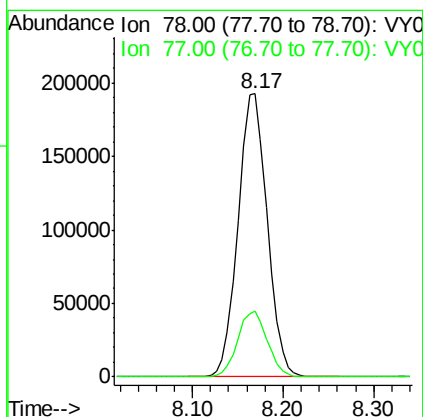
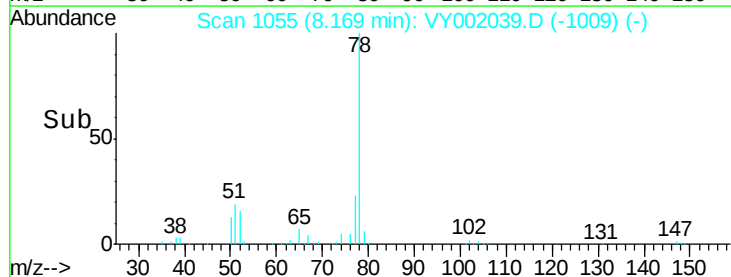
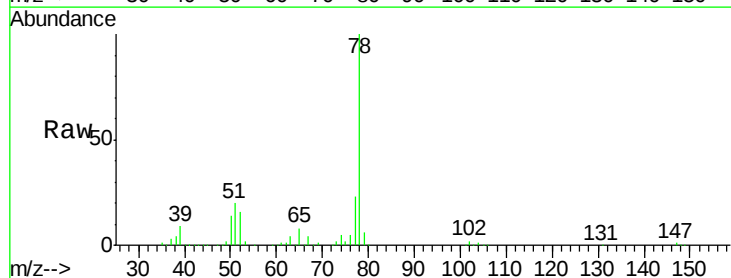
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

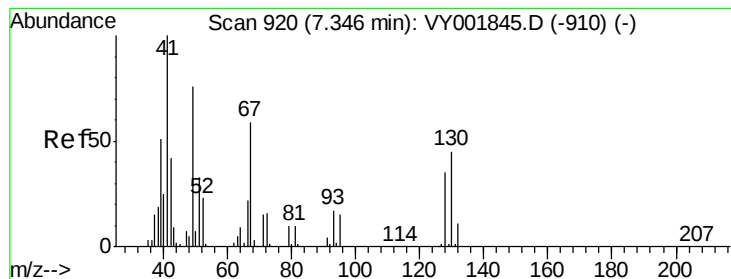
Tgt Ion: 83 Resp: 183230
Ion Ratio Lower Upper
83 100
55 74.9 59.4 89.0
98 48.0 38.9 58.3



#40
Benzene
Concen: 52.30 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 78 Resp: 428561
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#41

Methacrylonitrile

Concen: 153.26 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 110834

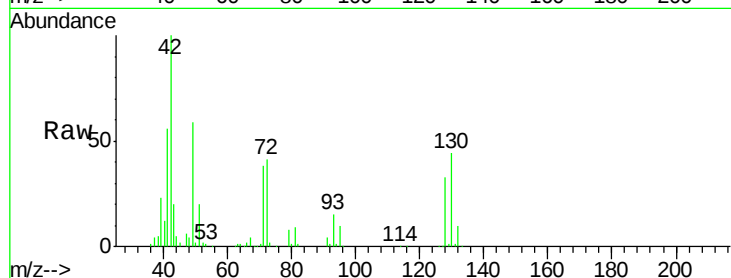
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

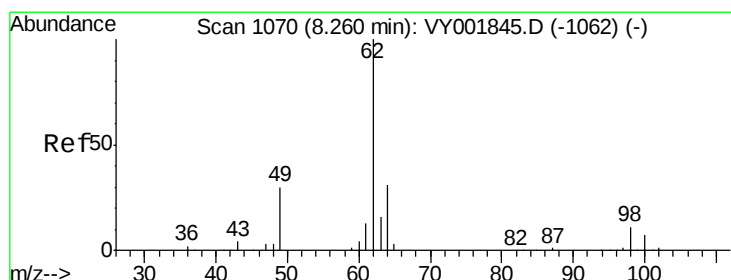
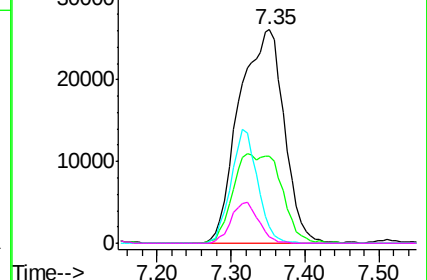
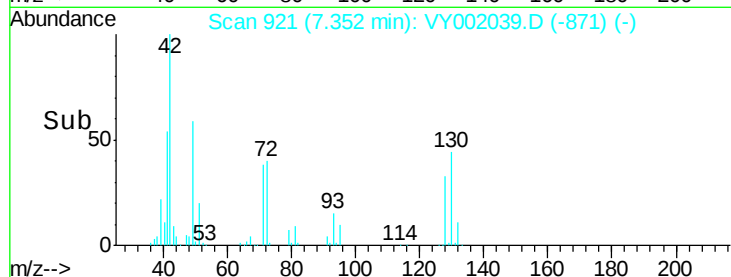


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 54.00 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.02 min

Lab File: VY002039.D

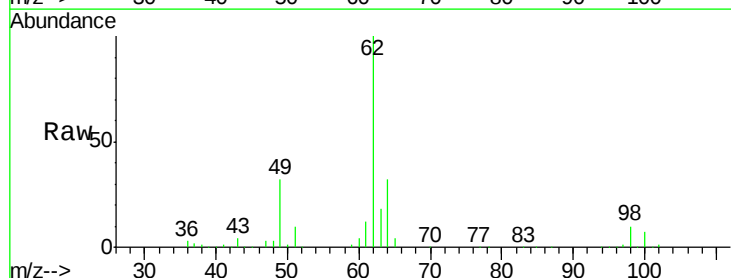
Acq: 20 Mar 2020 16:22

Tgt Ion: 62 Resp: 114035

Ion Ratio Lower Upper

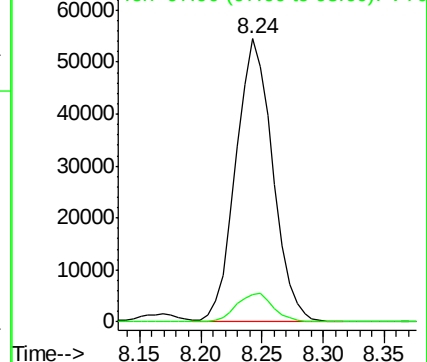
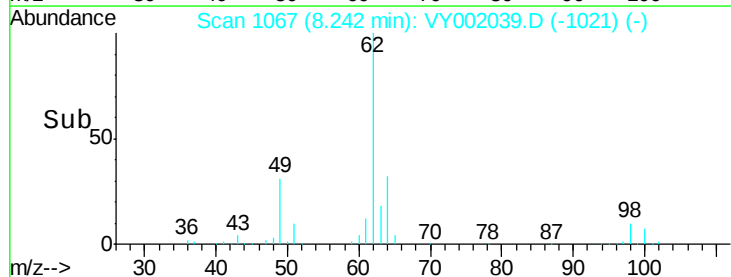
62 100

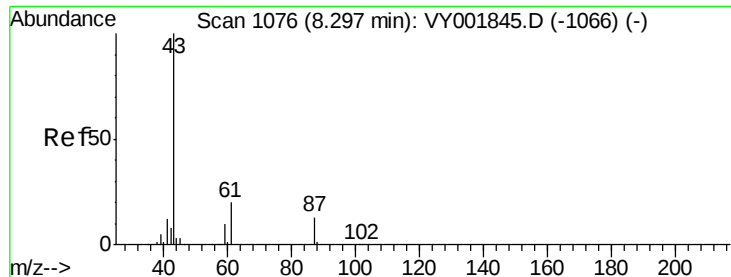
98 10.1 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.36 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

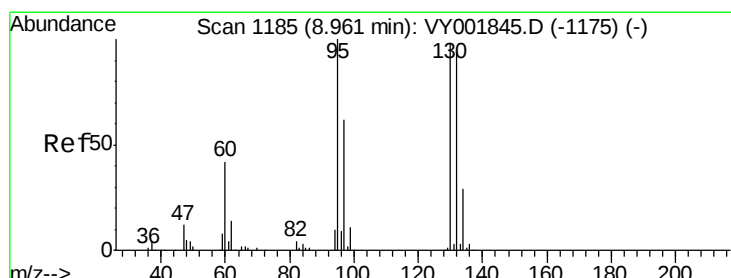
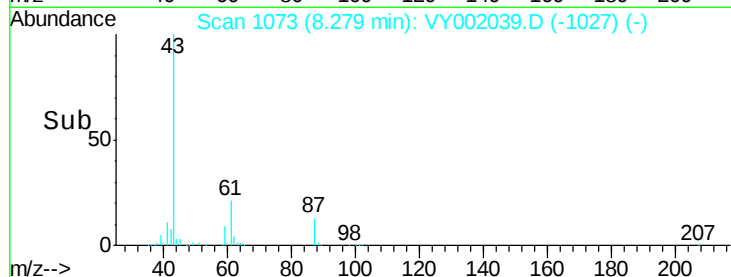
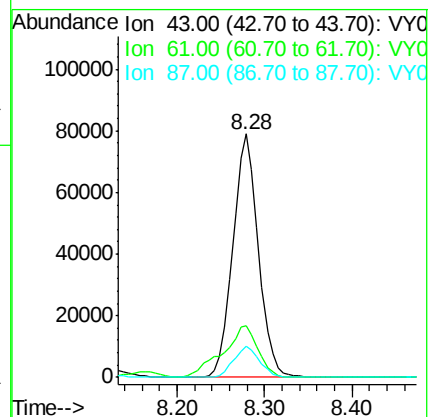
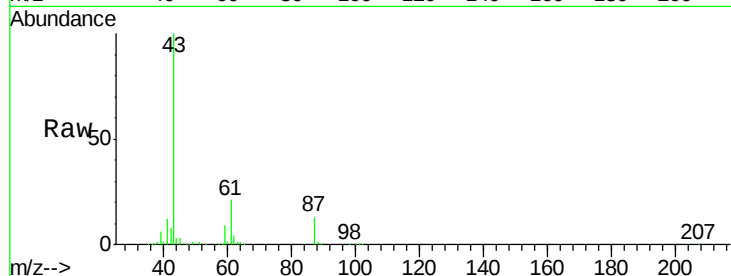
Tgt Ion: 43 Resp: 159282

Ion Ratio Lower Upper

43 100

61 29.4 23.8 35.6

87 12.9 10.9 16.3



#44

Trichloroethene

Concen: 51.69 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VY002039.D

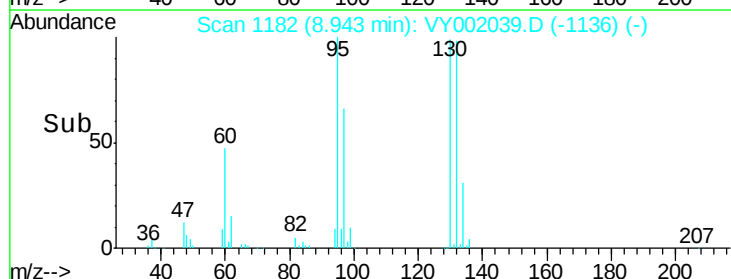
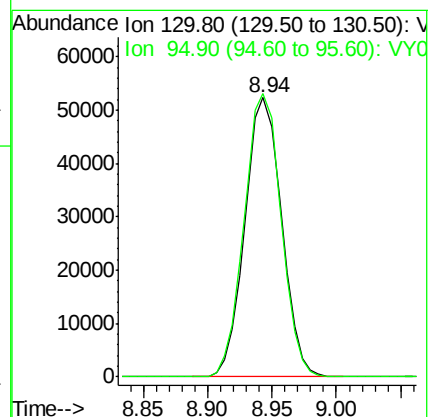
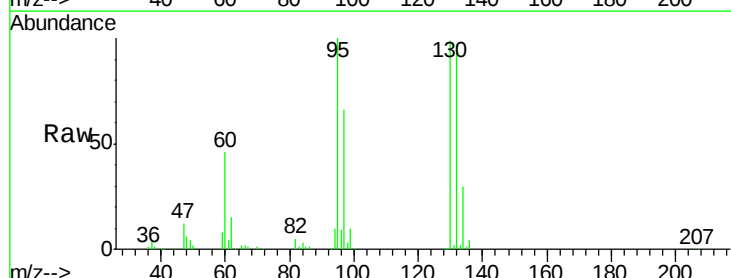
Acq: 20 Mar 2020 16:22

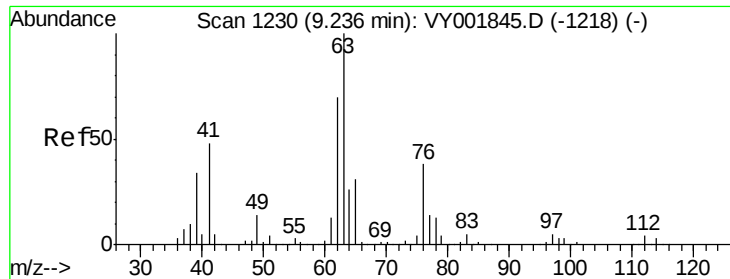
Tgt Ion: 130 Resp: 103170

Ion Ratio Lower Upper

130 100

95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.97 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

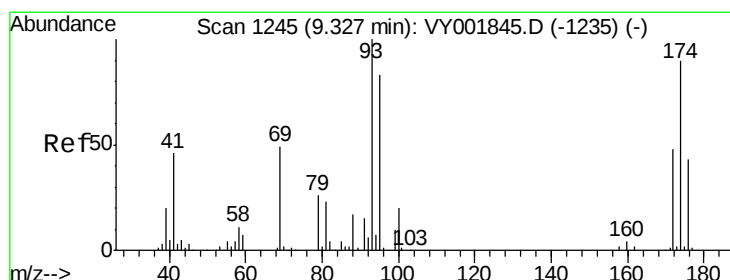
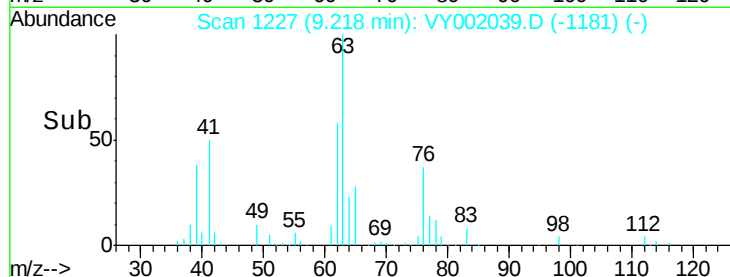
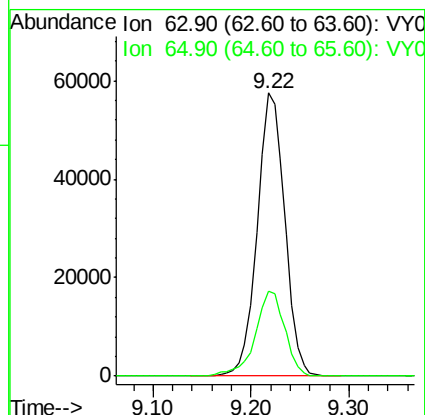
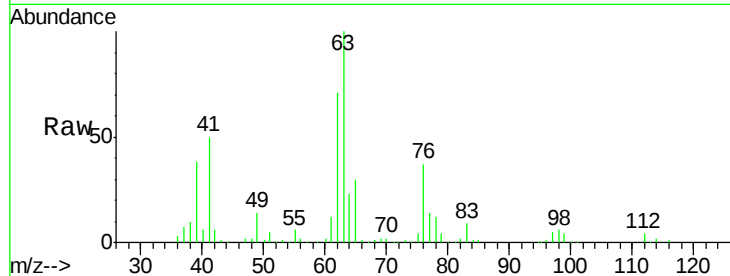
VSTDCCC050EC

Tgt Ion: 63 Resp: 113243

Ion Ratio Lower Upper

63 100

65 30.0 24.9 37.3



#46

Dibromomethane

Concen: 52.43 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

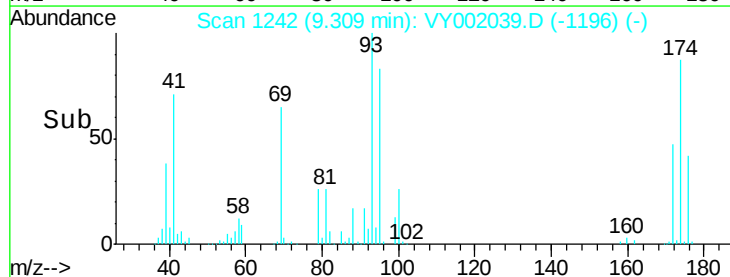
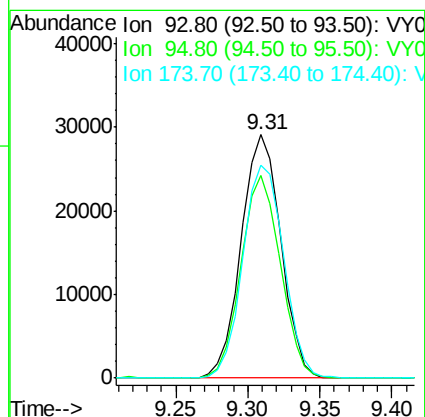
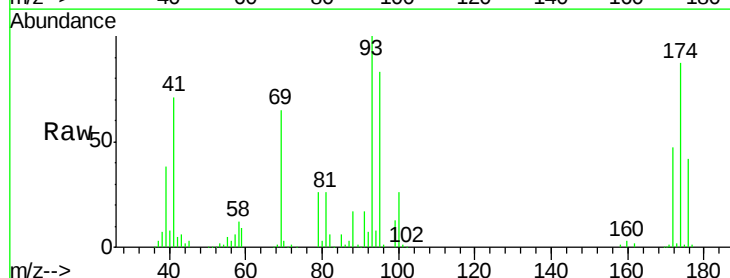
Tgt Ion: 93 Resp: 55655

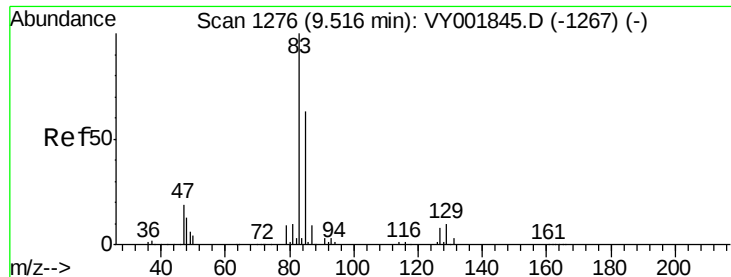
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.4

174 89.7 71.8 107.8





#47

Bromodichloromethane

Concen: 55.70 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

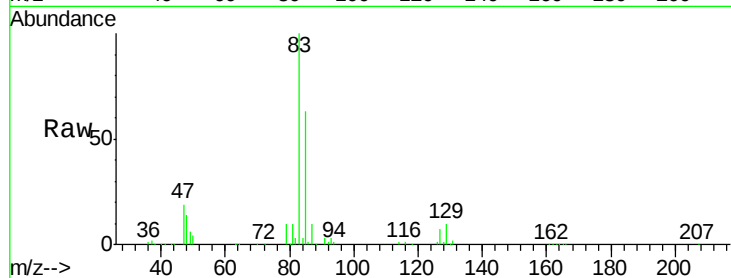
Tgt Ion: 83 Resp: 137557

Ion Ratio Lower Upper

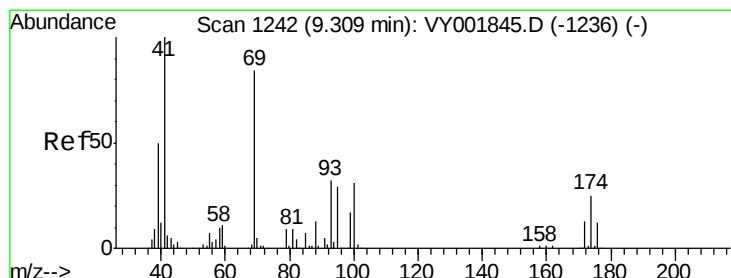
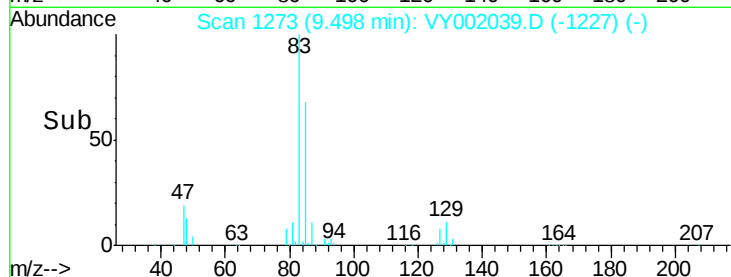
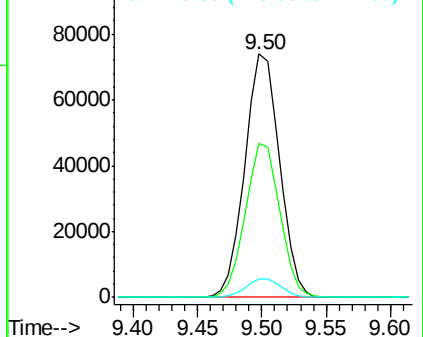
83 100

85 63.4 50.6 76.0

127 7.4 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: 53.42 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

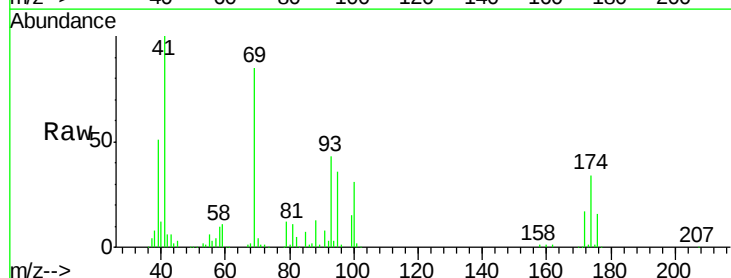
Tgt Ion: 41 Resp: 72121

Ion Ratio Lower Upper

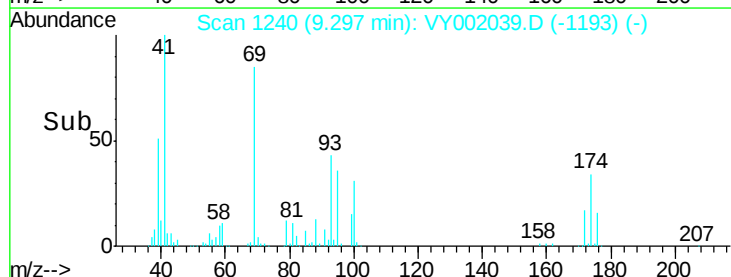
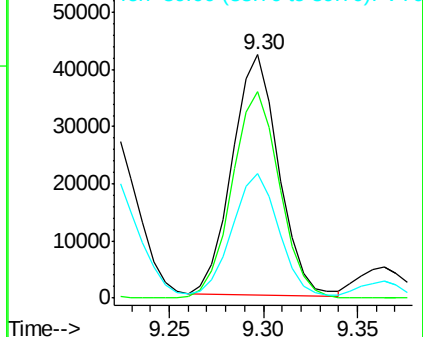
41 100

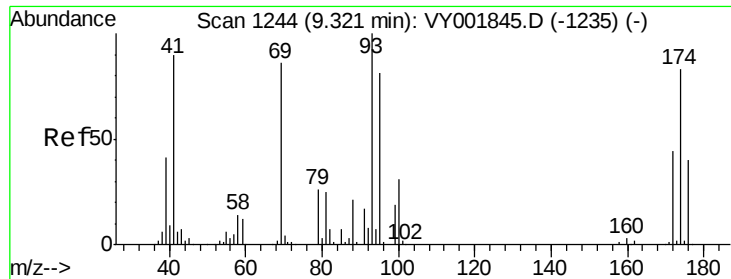
69 87.8 69.0 103.6

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: 984.71 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.02 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

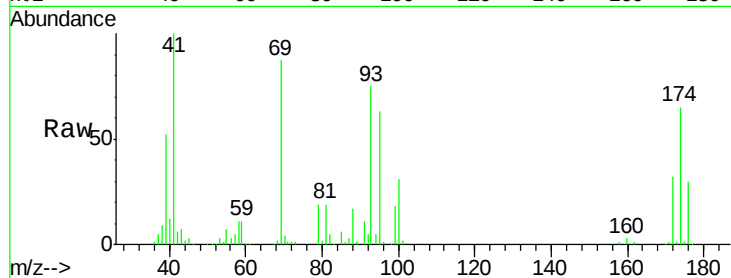
Tgt Ion: 88 Resp: 14324

Ion Ratio Lower Upper

88 100

43 32.7 25.0 37.6

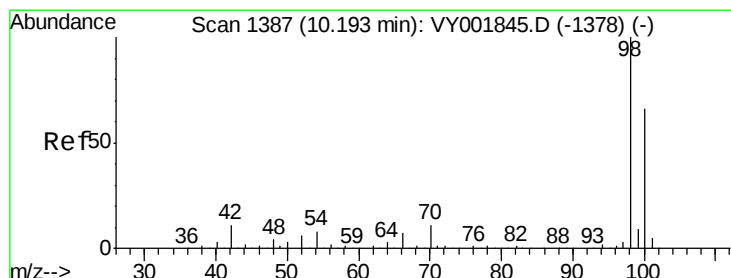
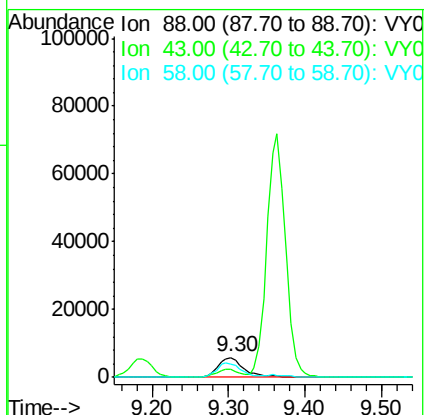
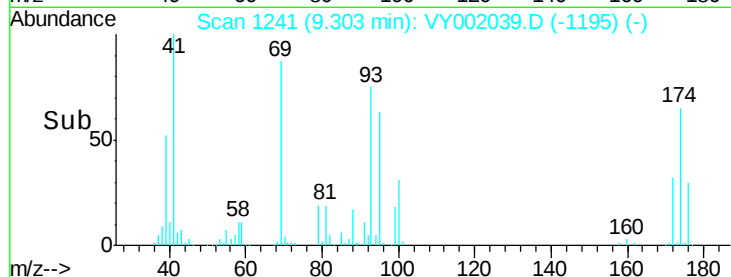
58 68.4 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VY001845.D (-1235) (-)

Ion 43.00 (42.70 to 43.70): VY001845.D (-1235) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1235) (-)



#50

Toluene-d8

Concen: 50.83 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002039.D

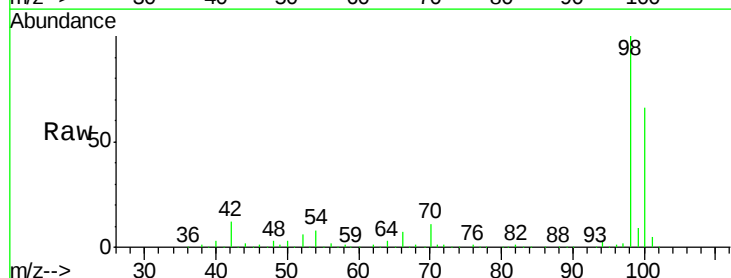
Acq: 20 Mar 2020 16:22

Tgt Ion: 98 Resp: 336292

Ion Ratio Lower Upper

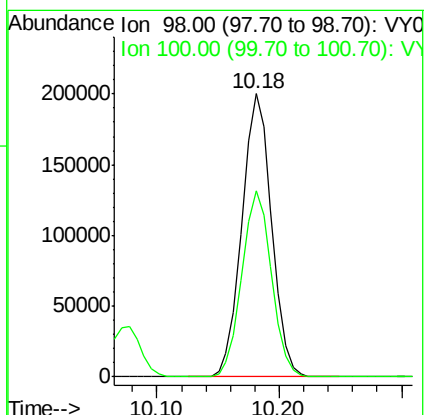
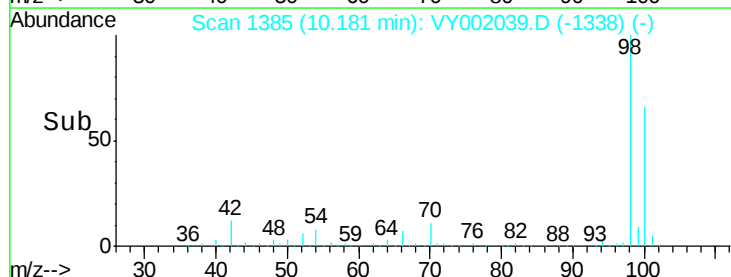
98 100

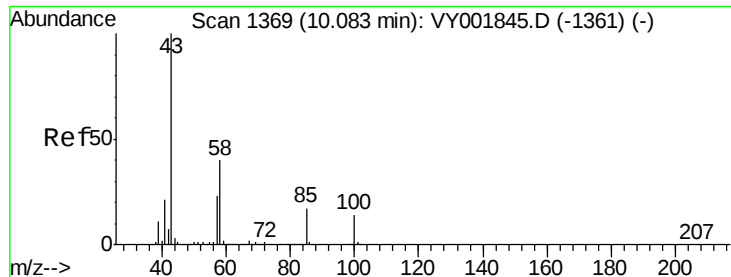
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

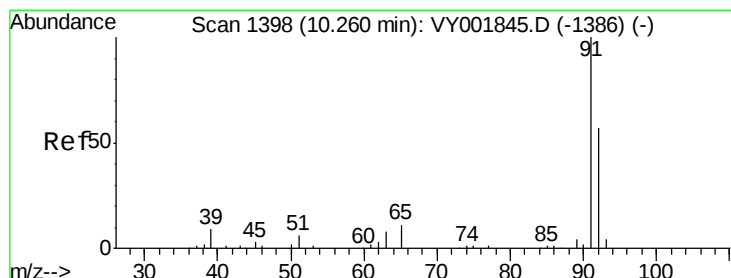
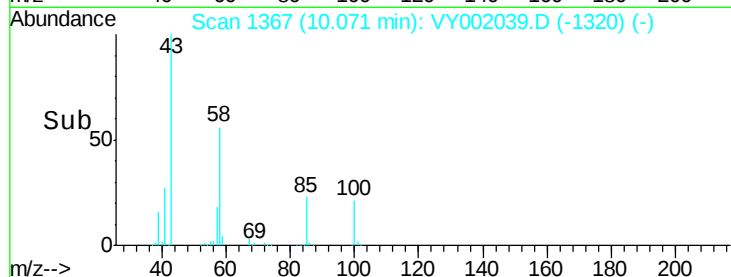
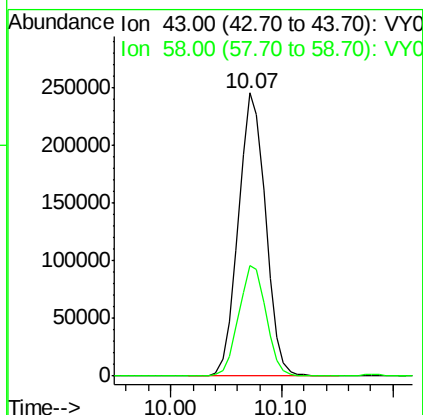
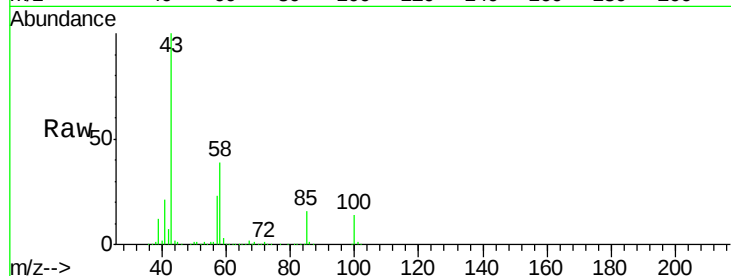




#51
4-Methyl-2-Pentanone
Concen: 266.40 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

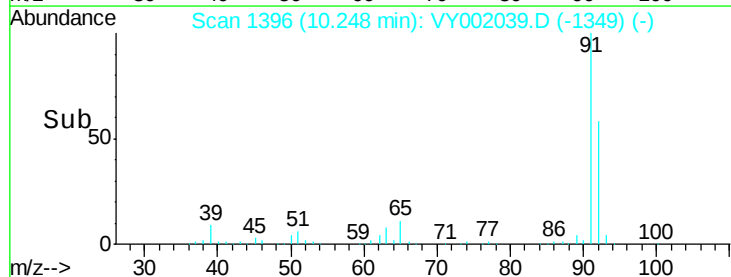
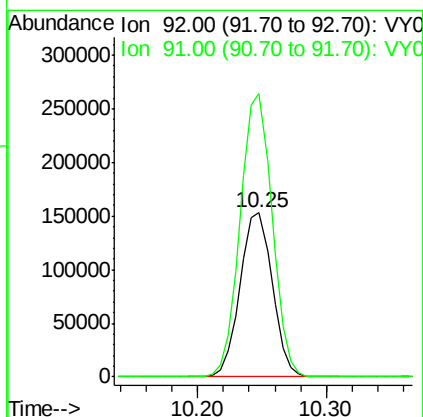
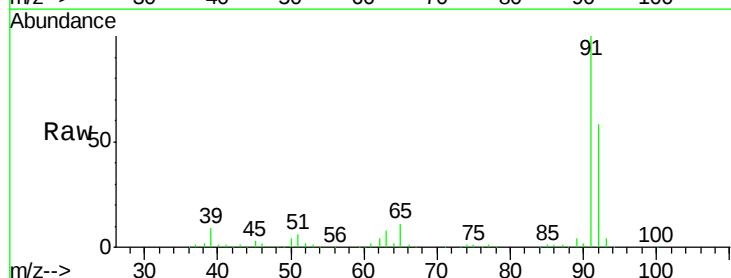
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

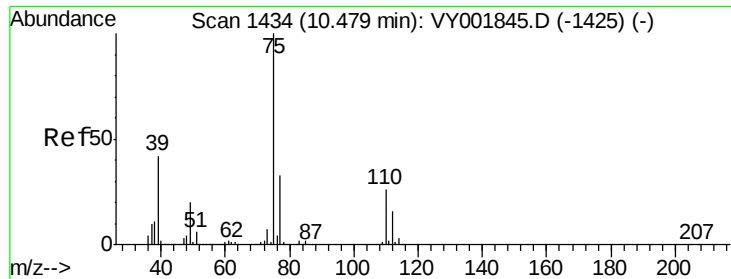
Tgt Ion: 43 Resp: 417455
Ion Ratio Lower Upper
43 100
58 39.3 32.0 48.0



#52
Toluene
Concen: 53.19 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 92 Resp: 264815
Ion Ratio Lower Upper
92 100
91 171.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 55.92 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

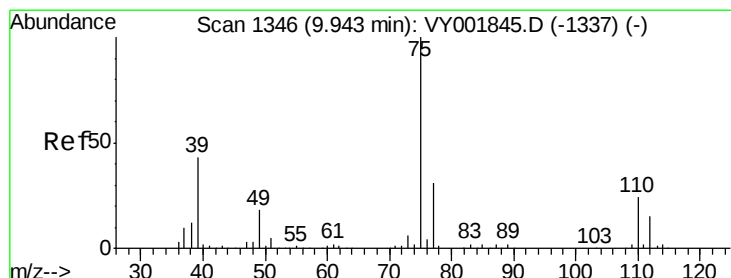
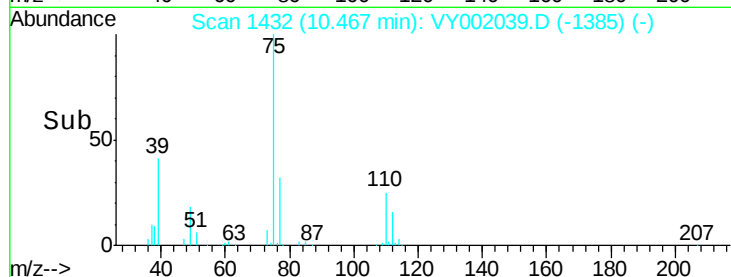
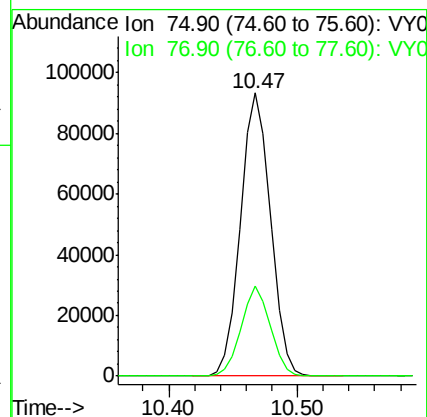
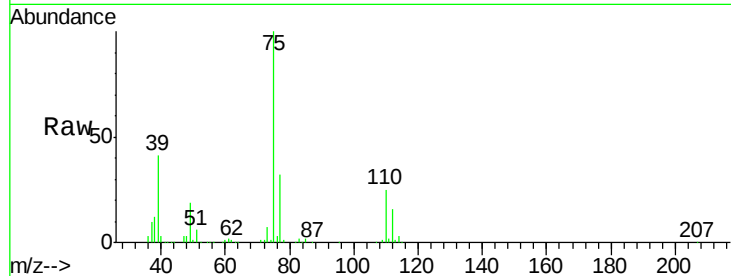
VSTDCCC050EC

Tgt Ion: 75 Resp: 150455

Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 54.73 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

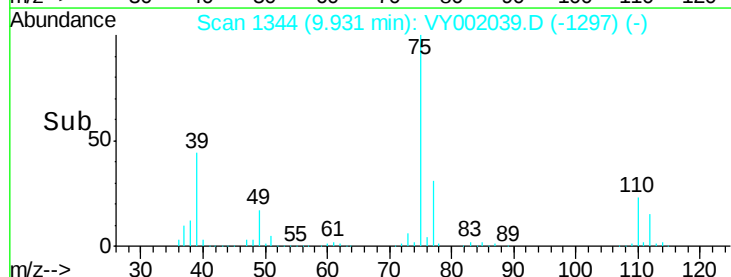
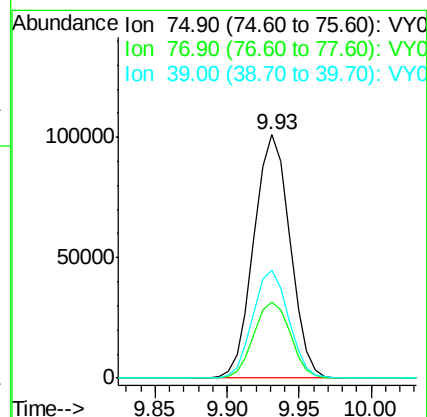
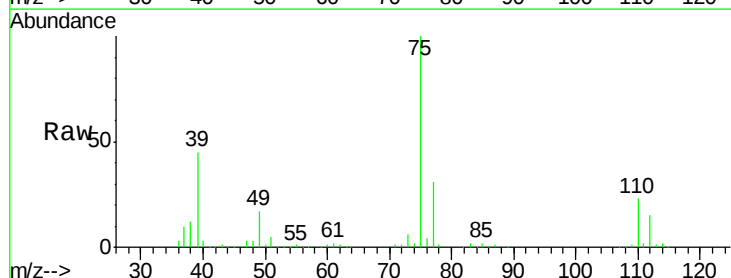
Tgt Ion: 75 Resp: 175281

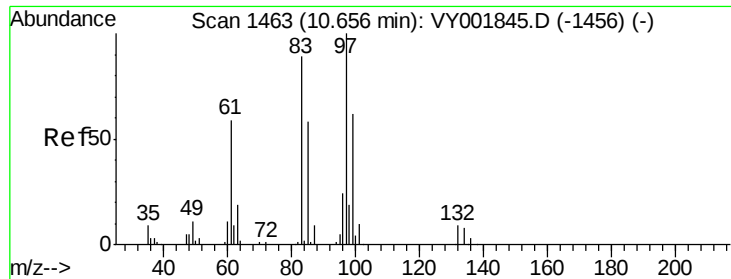
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 44.6 34.7 52.1

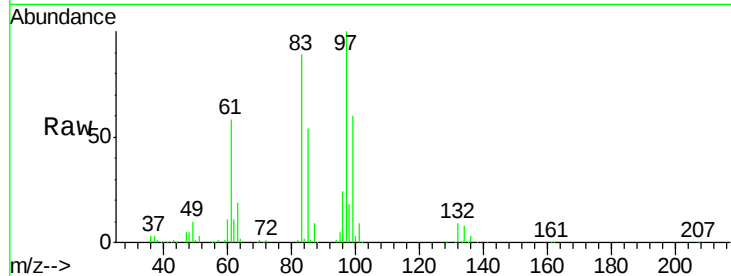




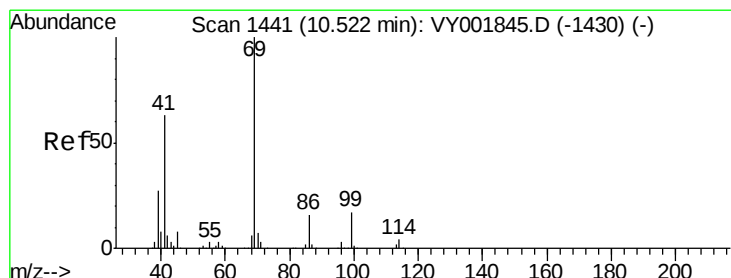
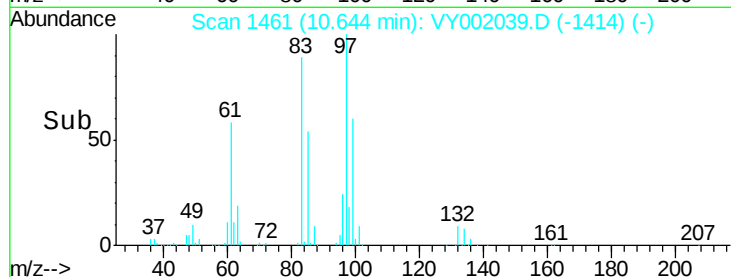
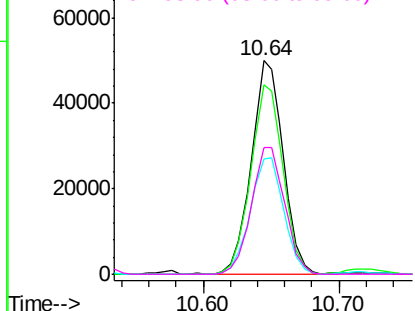
#55
 1,1,2-Trichloroethane
 Concen: 52.98 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	82307
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.6	107.4
85	54.0	46.6	69.8
99	59.5	49.8	74.6

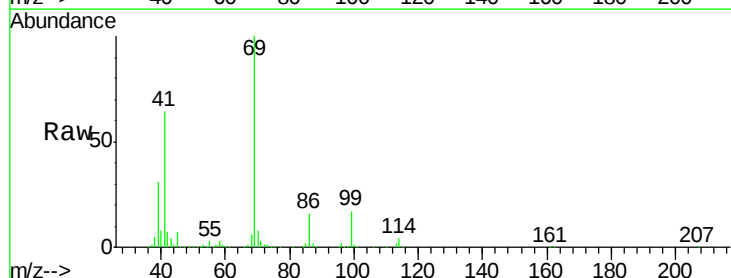


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

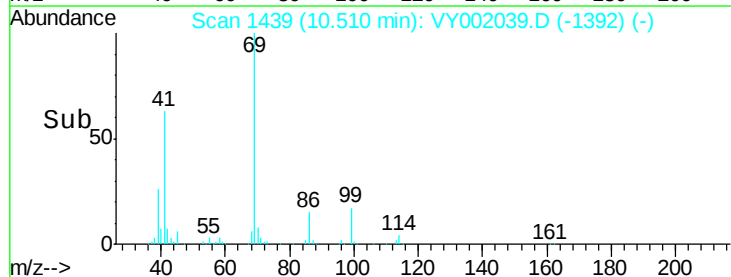
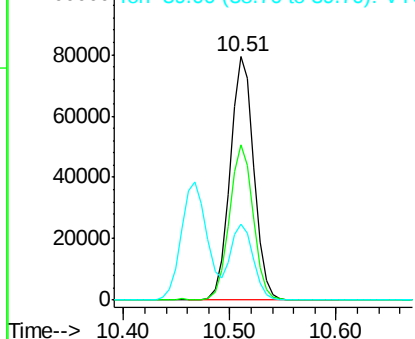


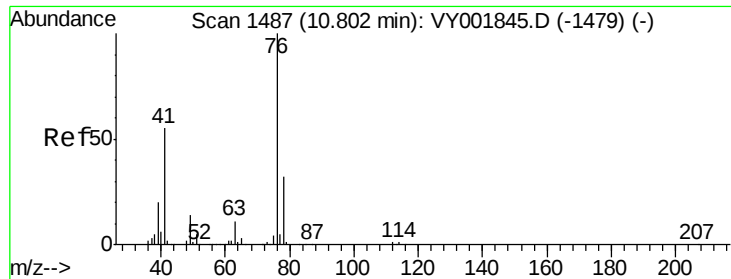
#56
 Ethyl methacrylate
 Concen: 54.34 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion:	69	Resp:	123752
Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.9	74.9
39	30.1	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: 53.73 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

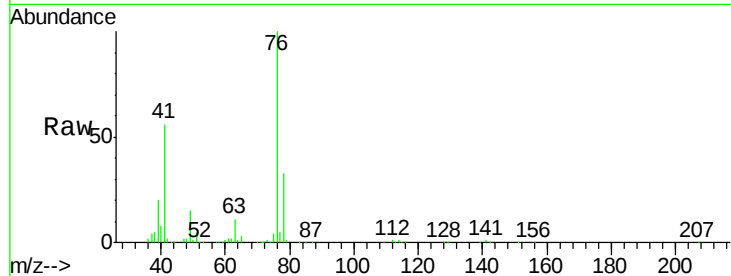
VSTDCCC050EC

Tgt Ion: 76 Resp: 148796

Ion Ratio Lower Upper

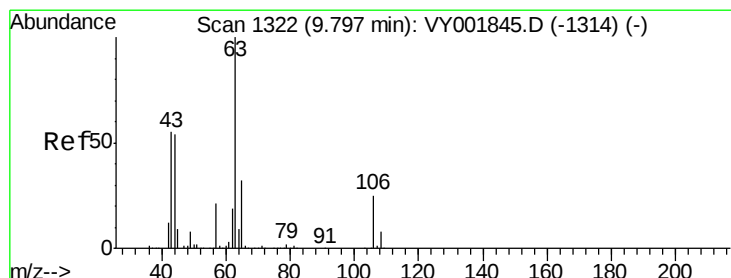
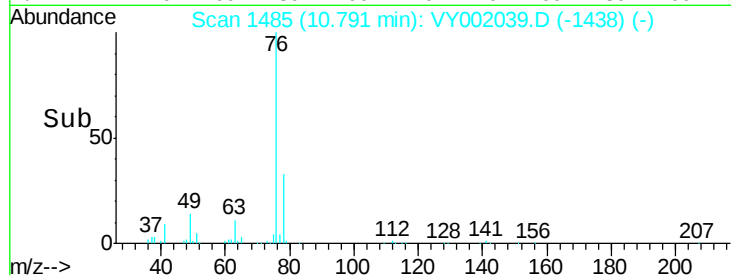
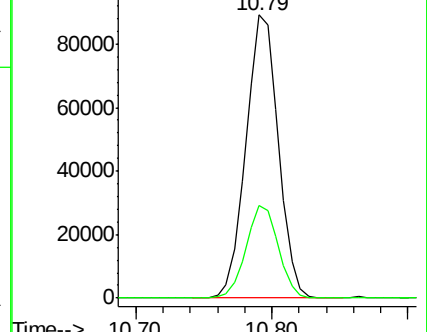
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 258.76 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002039.D

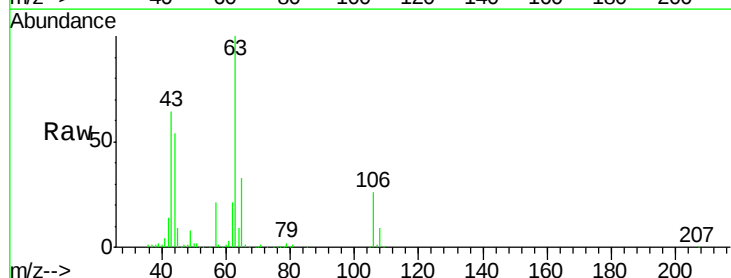
Acq: 20 Mar 2020 16:22

Tgt Ion: 63 Resp: 205095

Ion Ratio Lower Upper

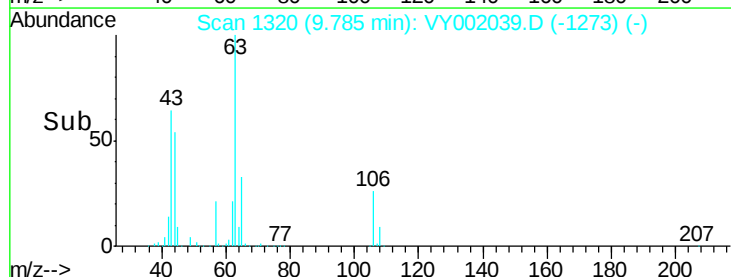
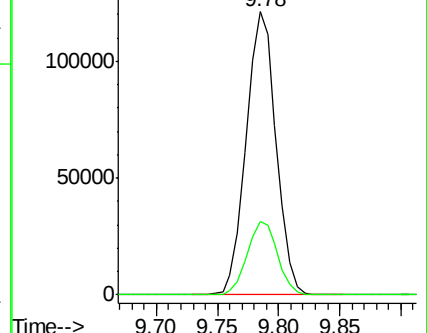
63 100

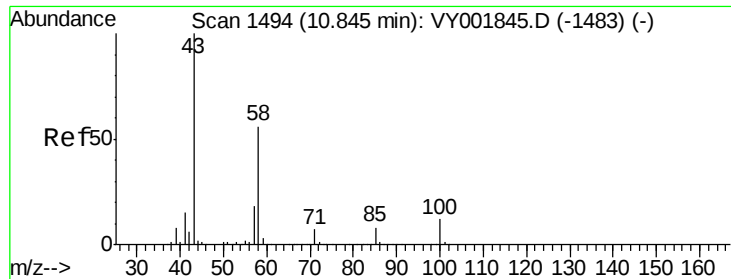
106 26.3 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

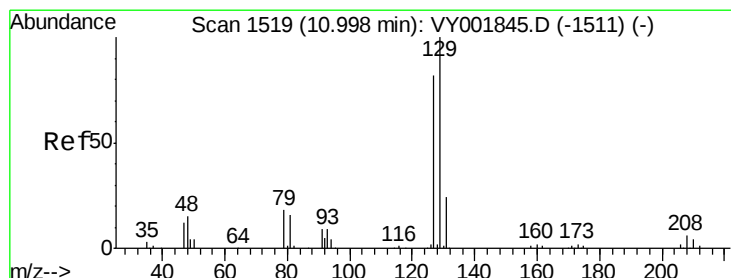
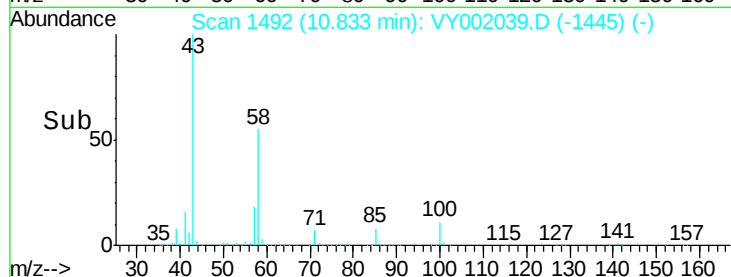
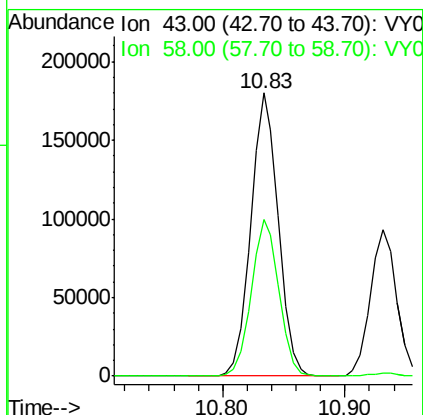
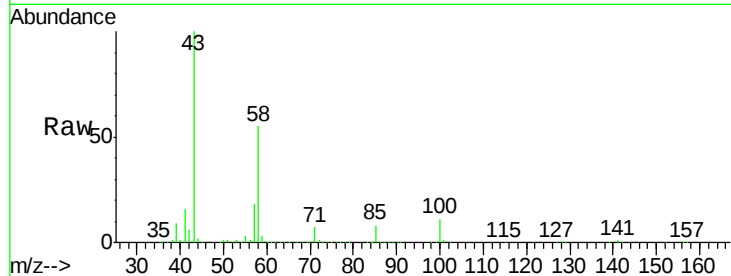




#59
2-Hexanone
Concen: 251.16 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

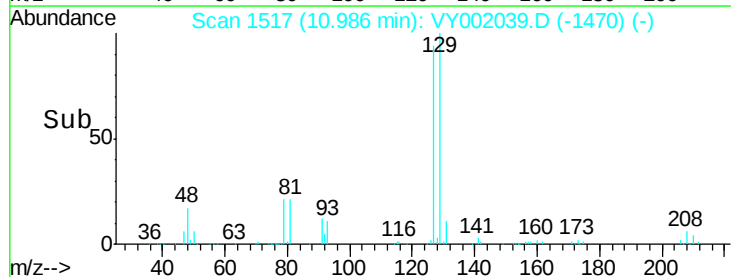
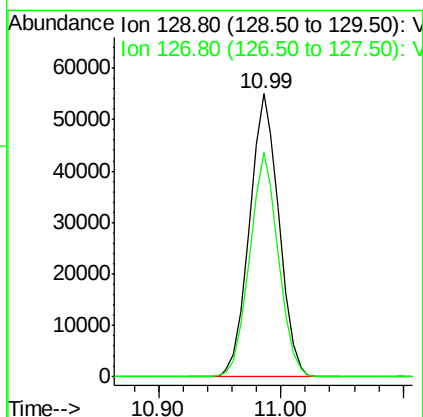
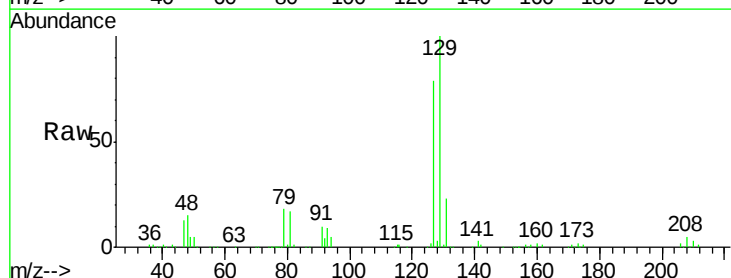
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

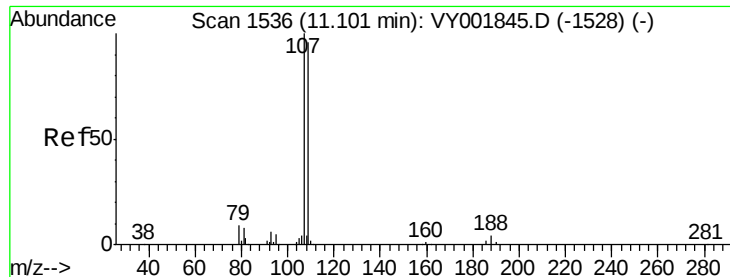
Tgt Ion: 43 Resp: 280914
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 56.10 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 129 Resp: 91834
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

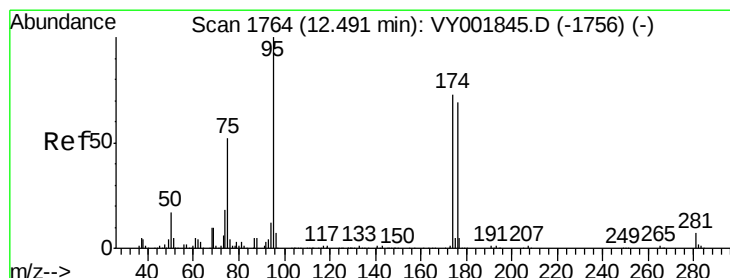
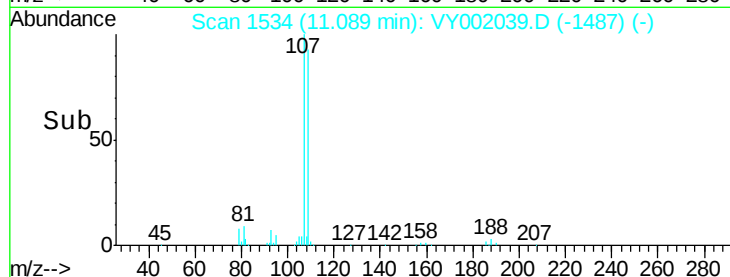
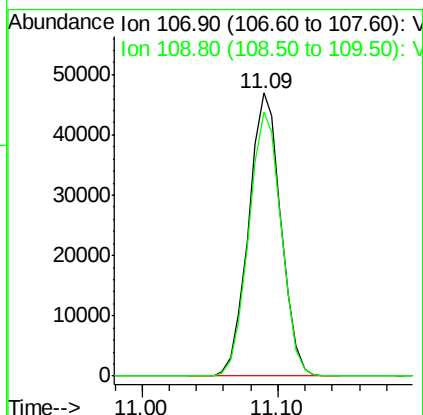
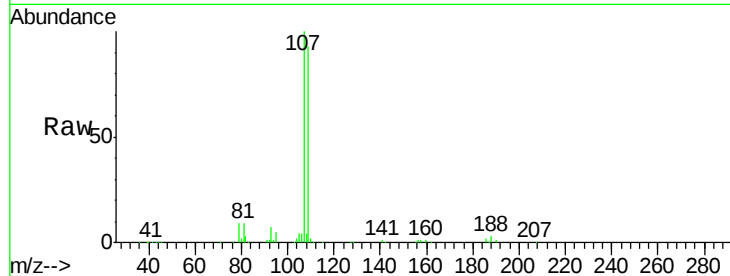




#61
 1,2-Dibromoethane
 Concen: 53.09 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

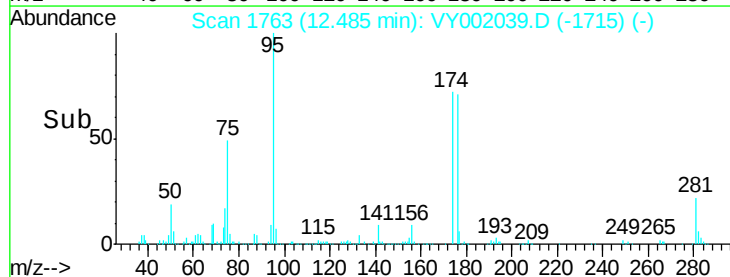
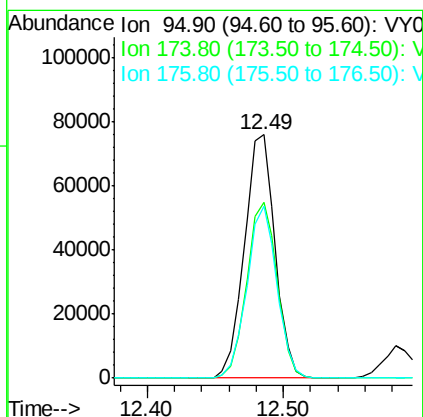
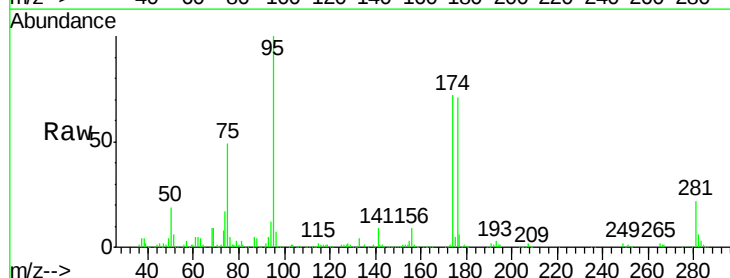
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

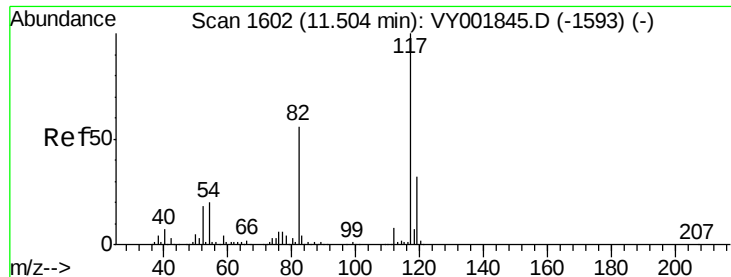
Tgt Ion: 107 Resp: 78135
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.08 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 95 Resp: 119789
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 145.0
 176 69.1 0.0 137.4

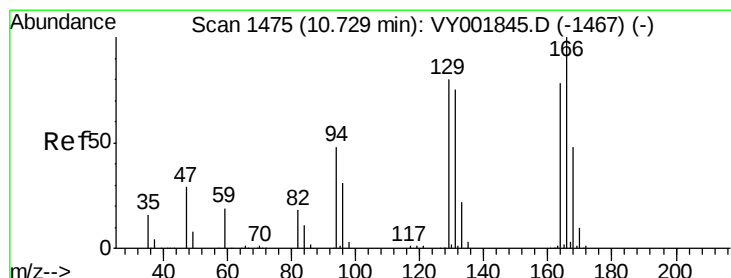
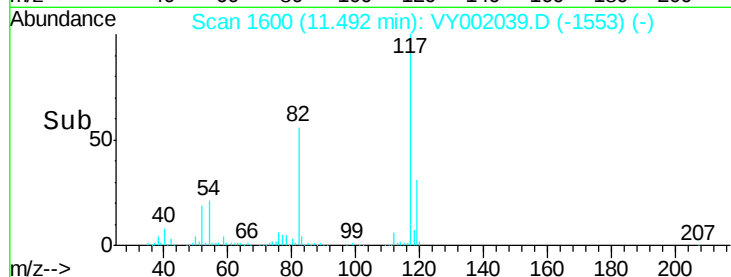
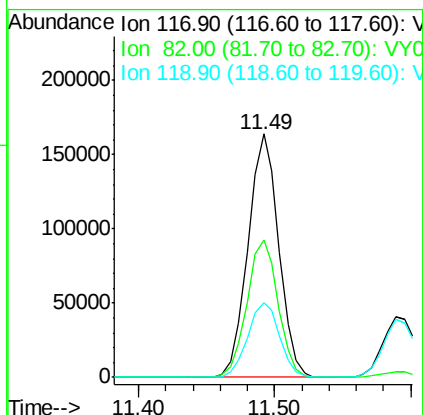
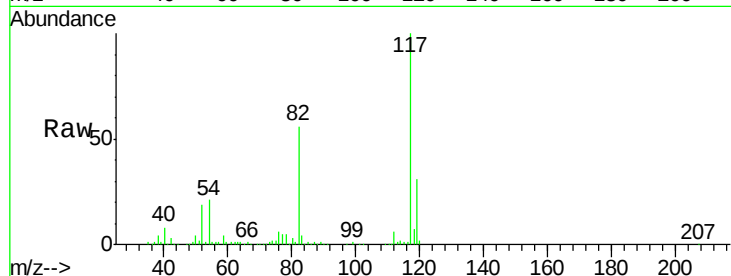




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

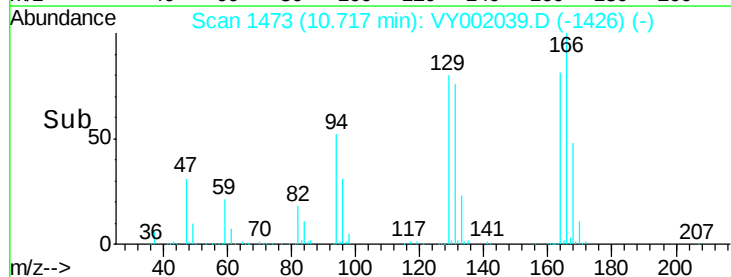
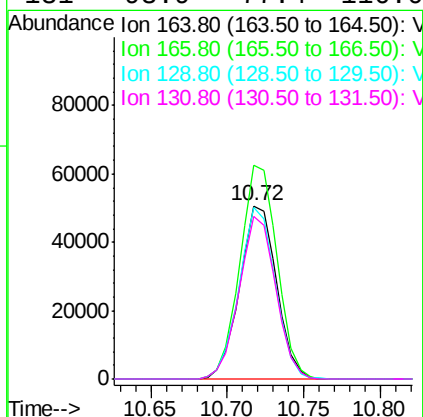
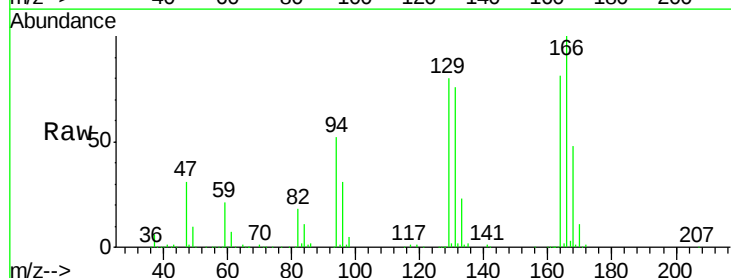
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

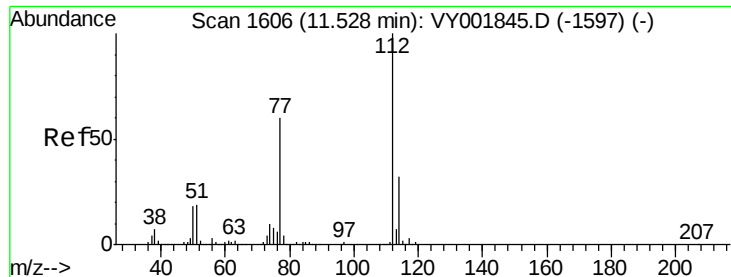
Tgt Ion:117 Resp: 259029
Ion Ratio Lower Upper
117 100
82 56.4 44.5 66.7
119 30.7 25.7 38.5



#64
Tetrachloroethene
Concen: 52.11 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:164 Resp: 84656
Ion Ratio Lower Upper
164 100
166 123.2 102.6 154.0
129 98.6 82.3 123.5
131 93.9 77.4 116.0

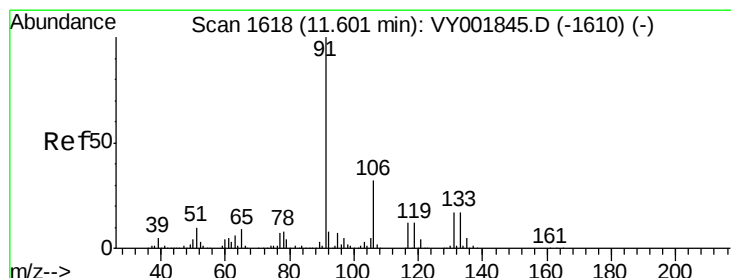
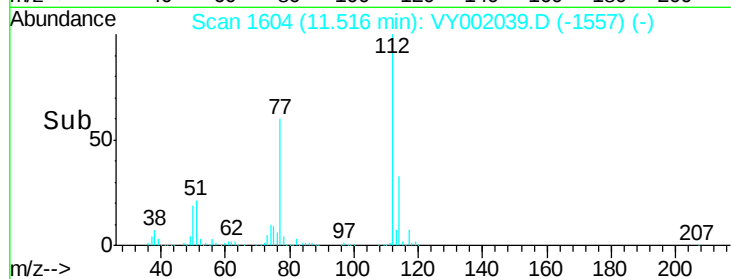
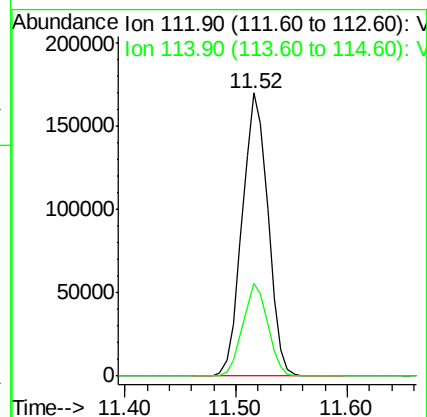
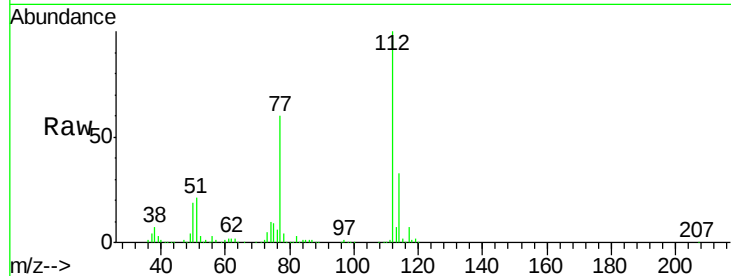




#65
Chlorobenzene
Concen: 52.67 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

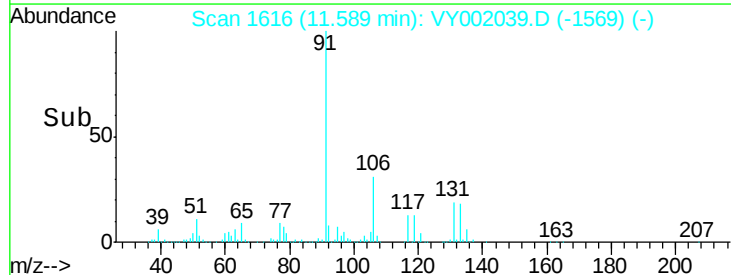
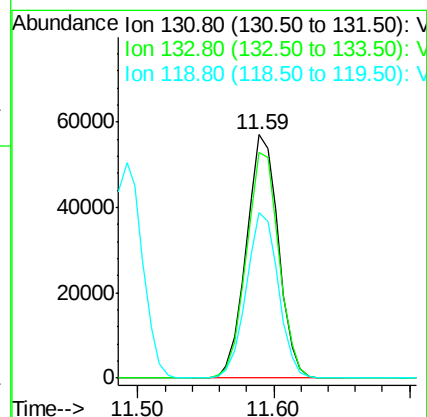
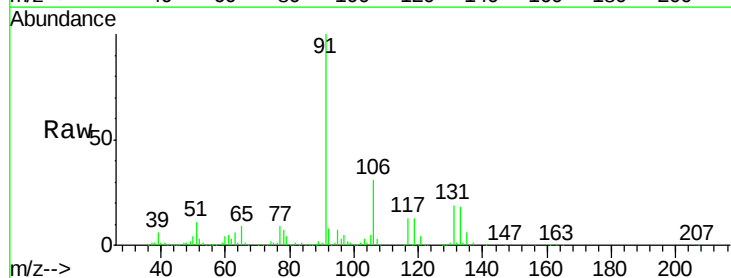
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

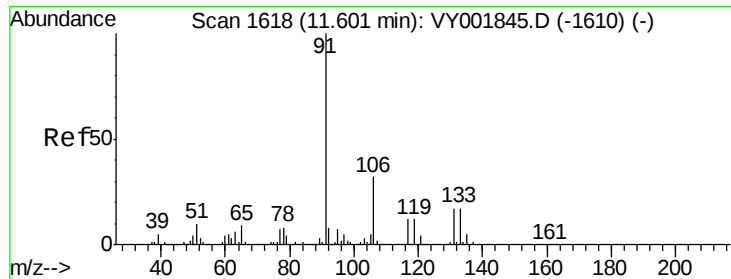
Tgt Ion:112 Resp: 271860
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.66 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:131 Resp: 94208
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 67.8 34.5 103.6

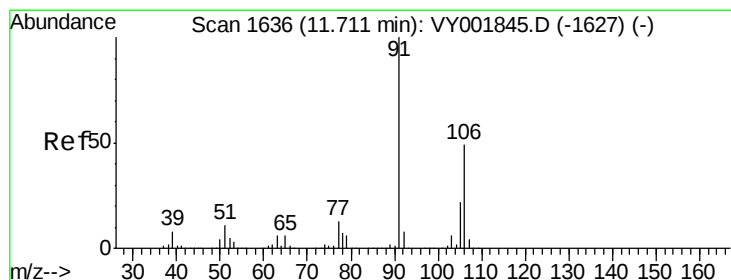
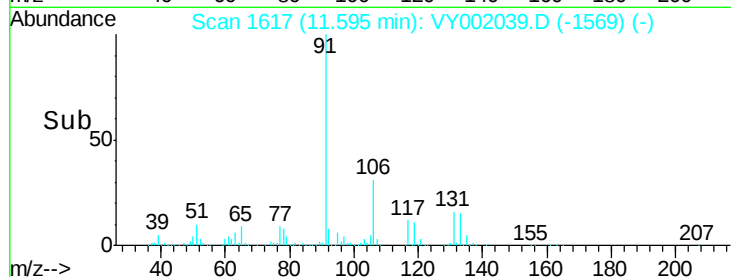
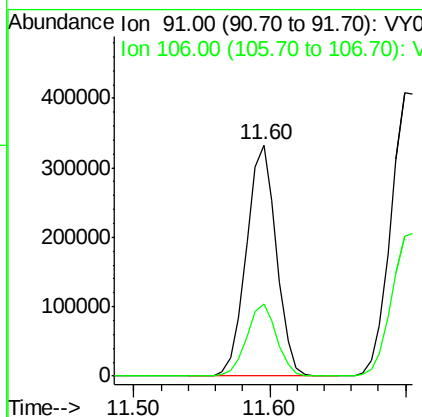
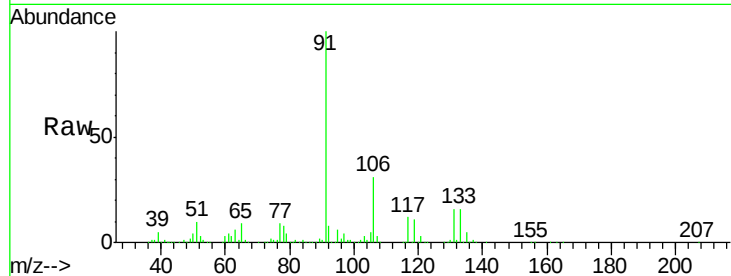




#67
Ethyl Benzene
Concen: 53.16 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

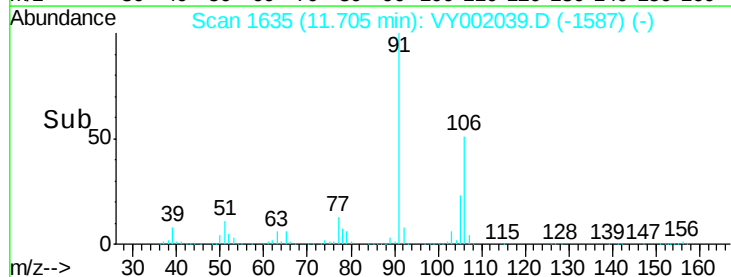
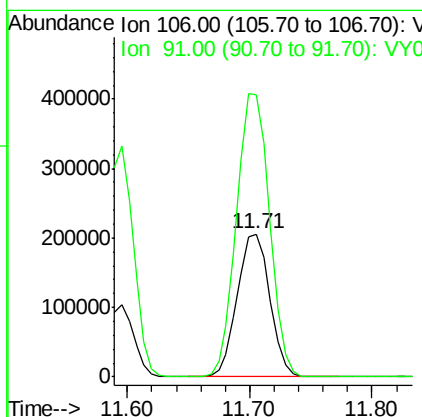
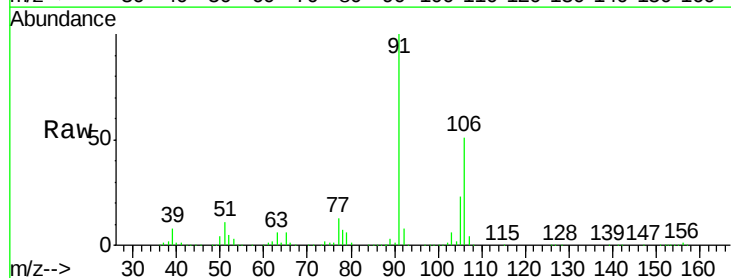
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

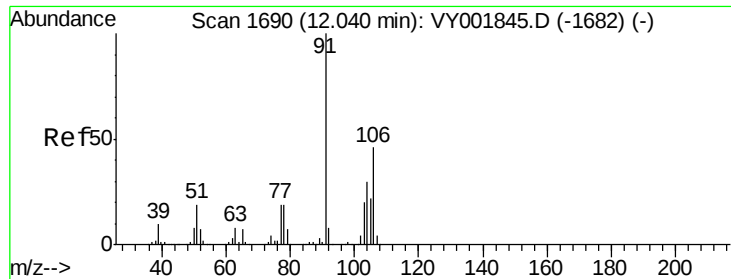
Tgt Ion: 91 Resp: 511722
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 106.72 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 106 Resp: 379778
Ion Ratio Lower Upper
106 100
91 201.3 161.3 241.9

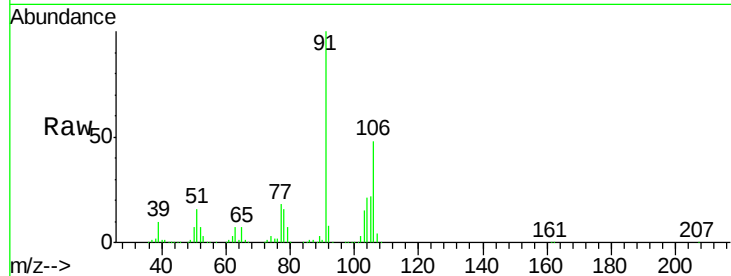




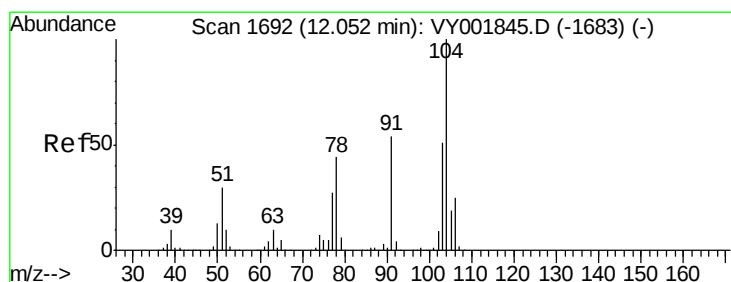
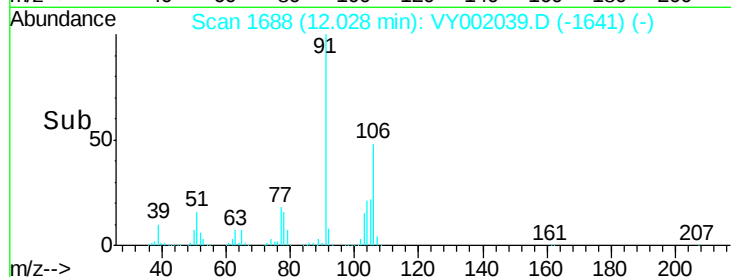
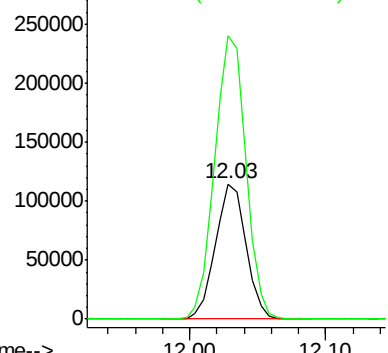
#69
o-Xylene
Concen: 53.74 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 180259
Ion Ratio Lower Upper
106 100
91 214.5 106.8 320.4

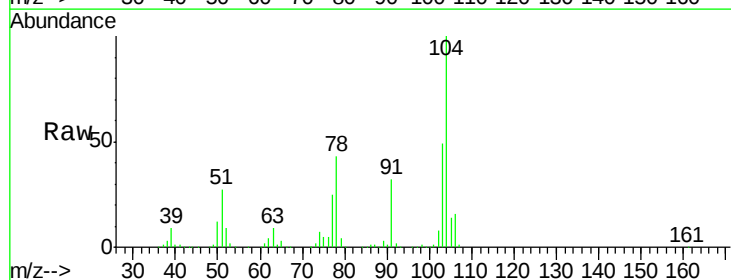


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

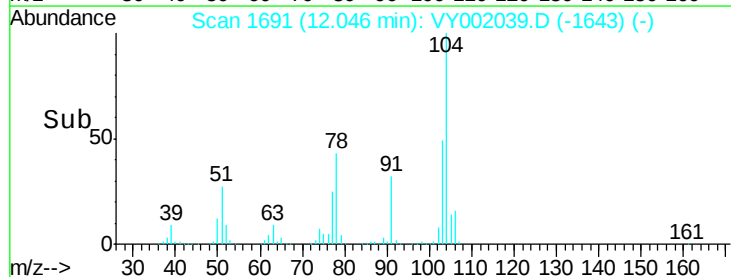
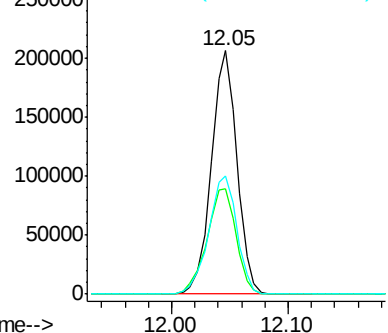


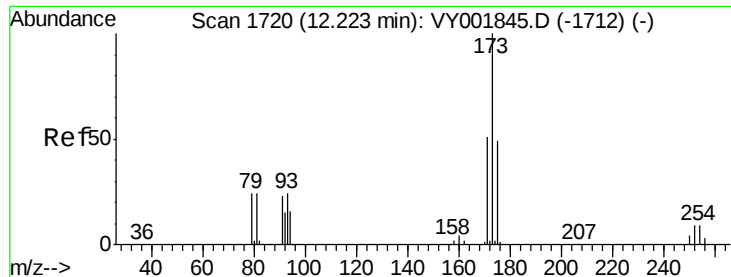
#70
Styrene
Concen: 55.05 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:104 Resp: 316238
Ion Ratio Lower Upper
104 100
78 49.4 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: 55.56 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

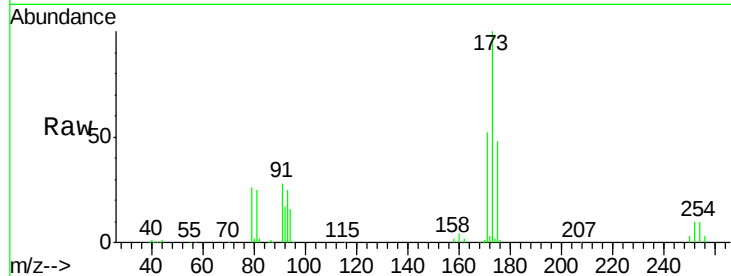
Tgt Ion:173 Resp: 50997

Ion Ratio Lower Upper

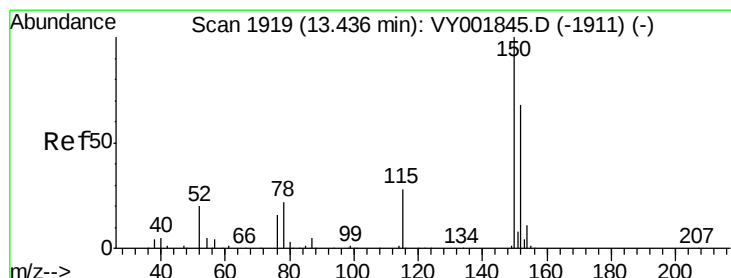
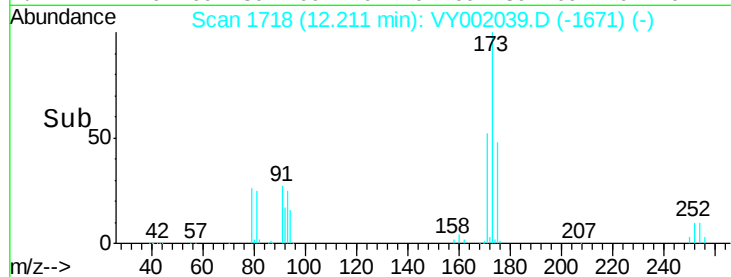
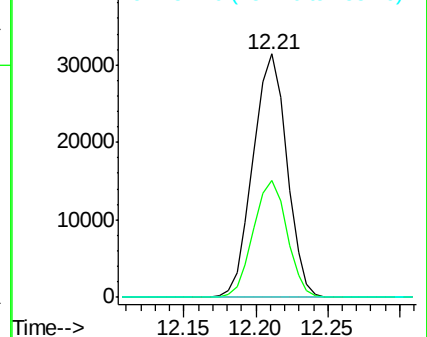
173 100

175 47.8 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: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

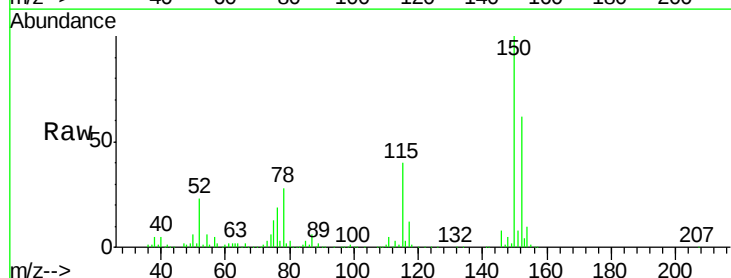
Tgt Ion:152 Resp: 121394

Ion Ratio Lower Upper

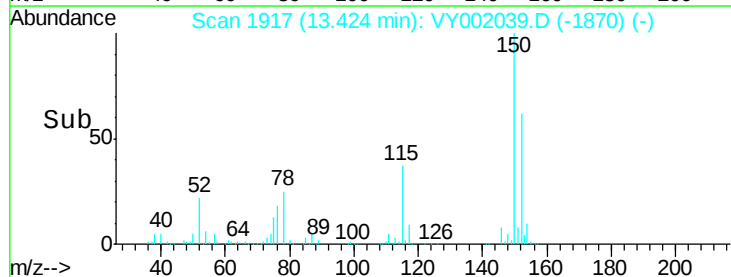
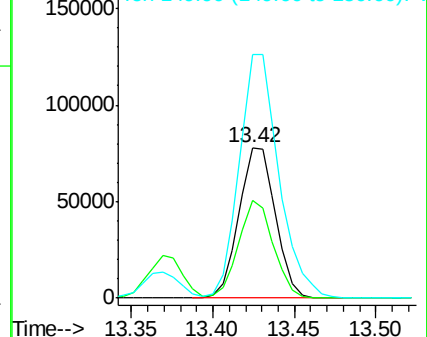
152 100

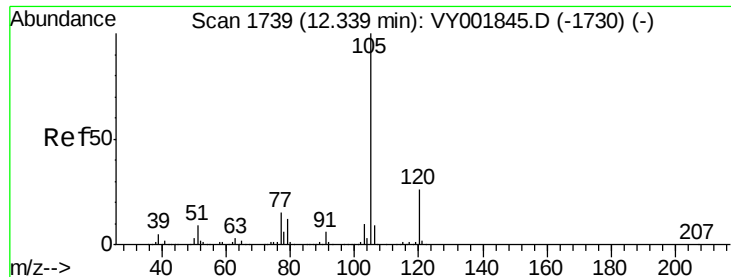
115 62.0 29.9 89.7

150 175.6 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: 52.74 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

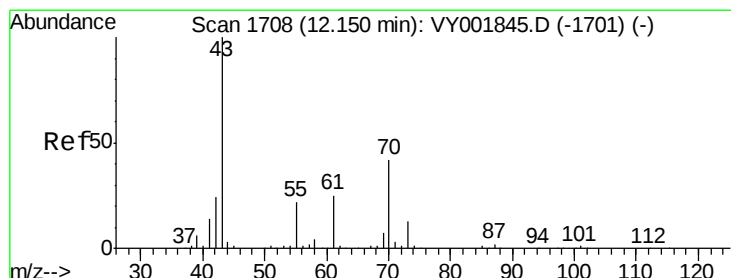
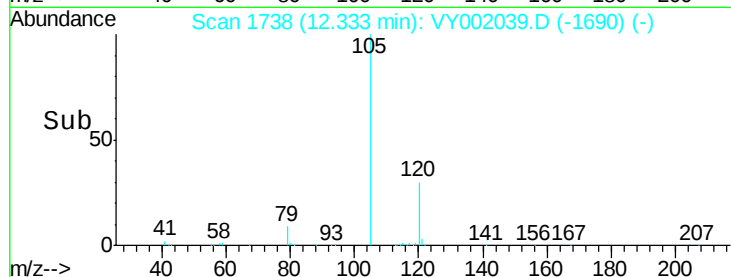
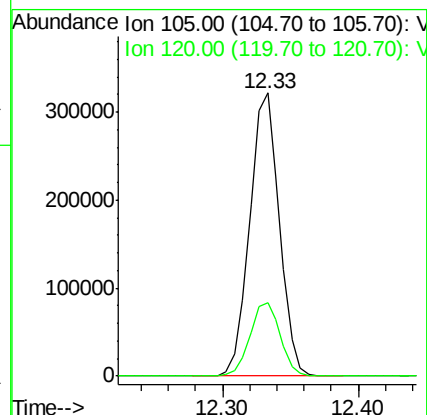
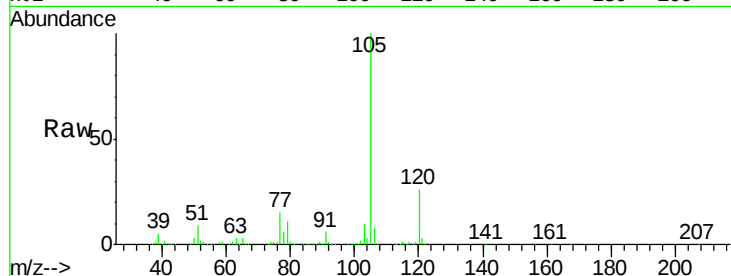
VSTDCCC050EC

Tgt Ion:105 Resp: 488757

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 52.40 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Tgt Ion: 43 Resp: 149244

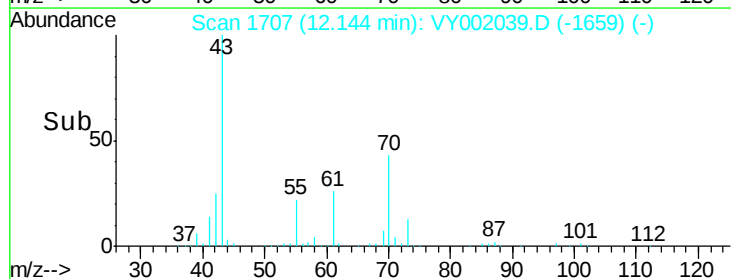
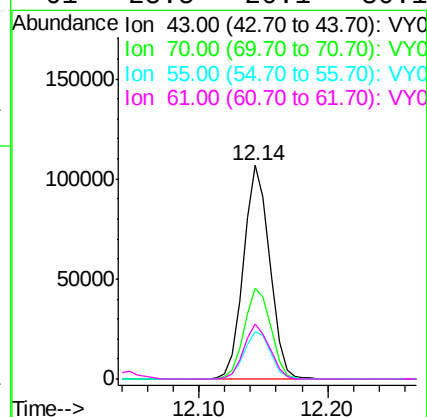
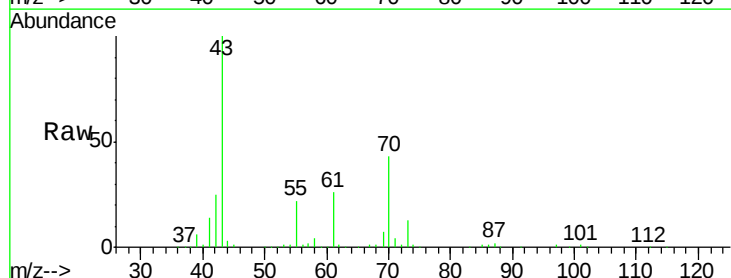
Ion Ratio Lower Upper

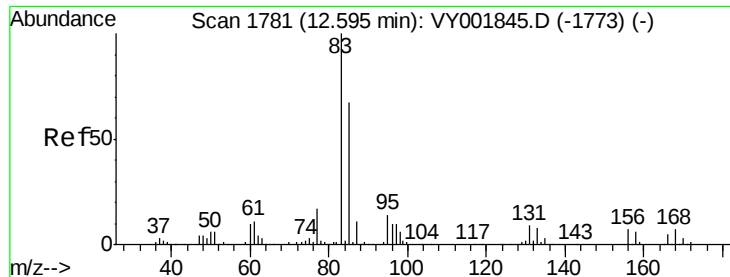
43 100

70 43.3 34.7 52.1

55 22.6 18.2 27.4

61 25.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.91 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

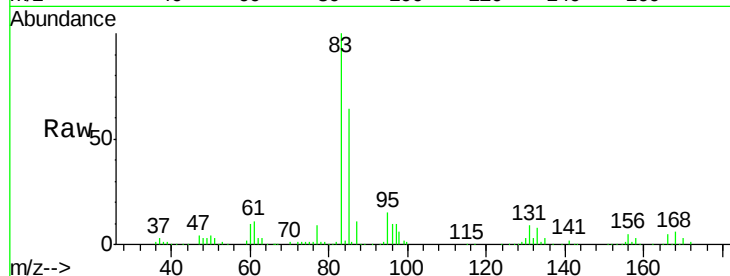
Tgt Ion: 83 Resp: 103729

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

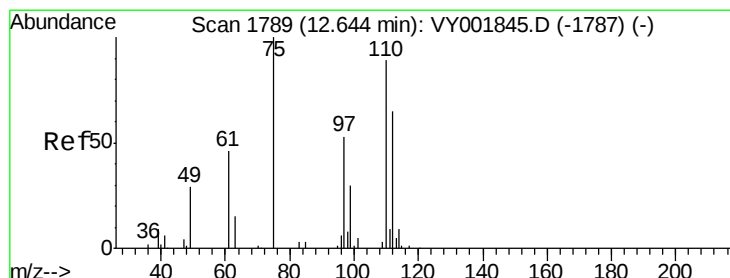
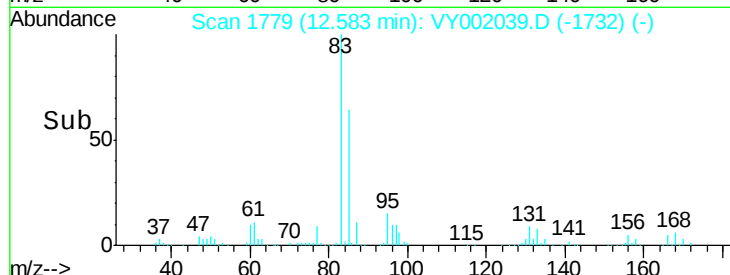
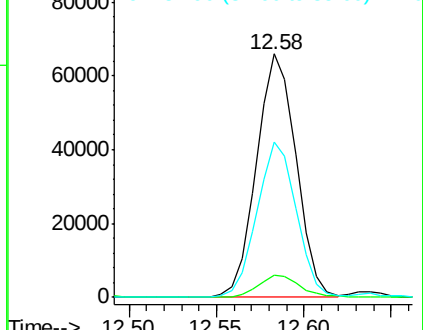
85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 92.08 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002039.D

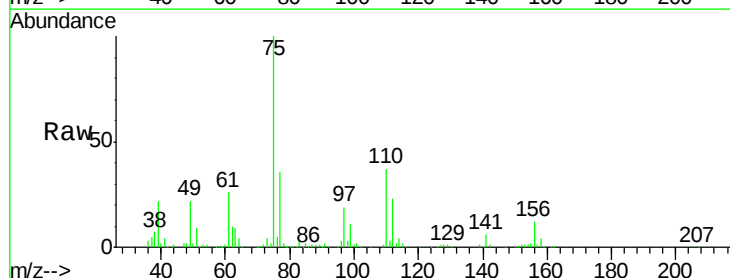
Acq: 20 Mar 2020 16:22

Tgt Ion: 75 Resp: 132640

Ion Ratio Lower Upper

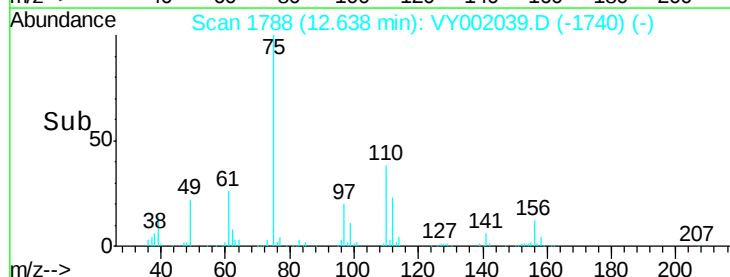
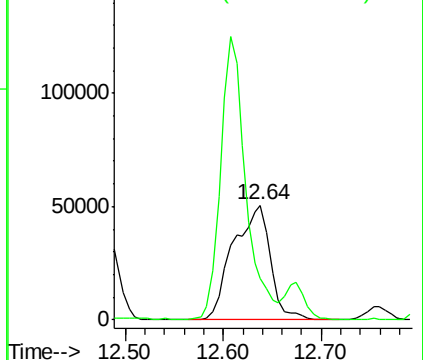
75 100

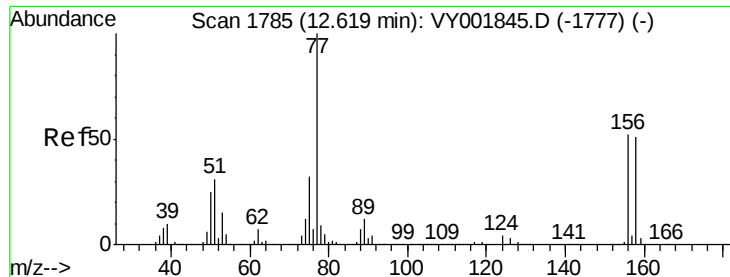
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)





#77

Bromobenzene

Concen: 55.41 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

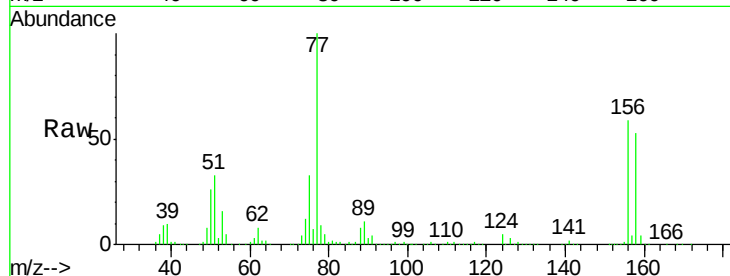
Tgt Ion:156 Resp: 108791

Ion Ratio Lower Upper

156 100

77 205.3 109.0 327.0

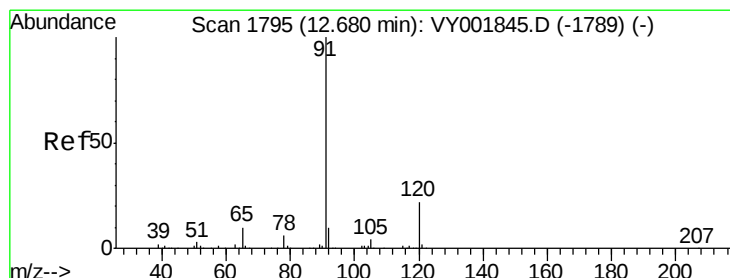
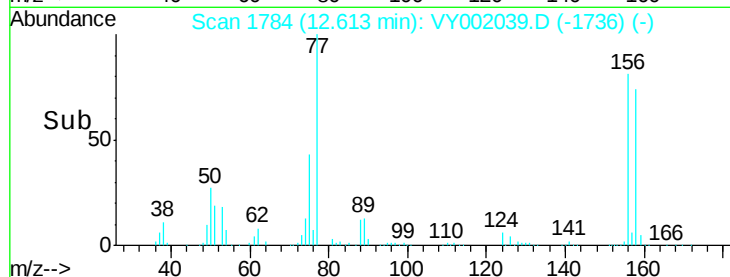
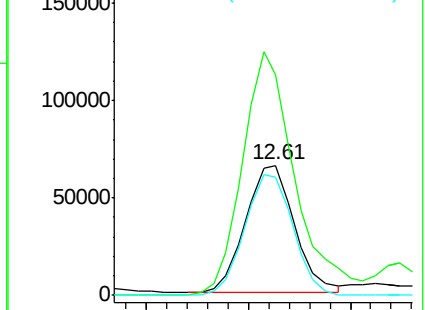
158 93.7 48.9 146.8



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: 52.79 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002039.D

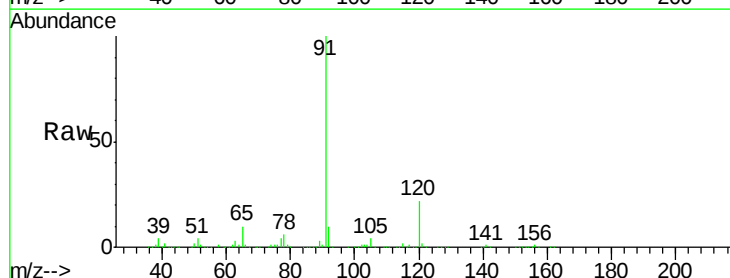
Acq: 20 Mar 2020 16:22

Tgt Ion: 91 Resp: 603515

Ion Ratio Lower Upper

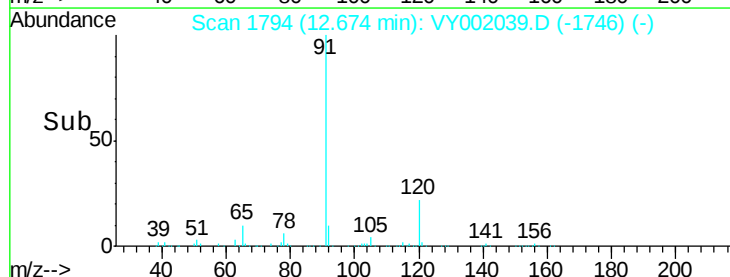
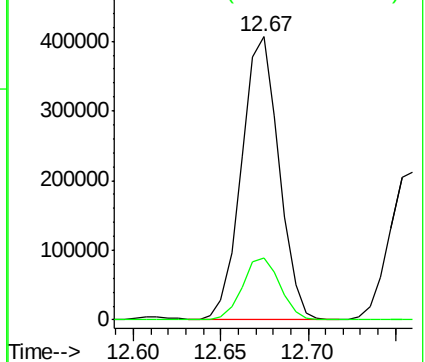
91 100

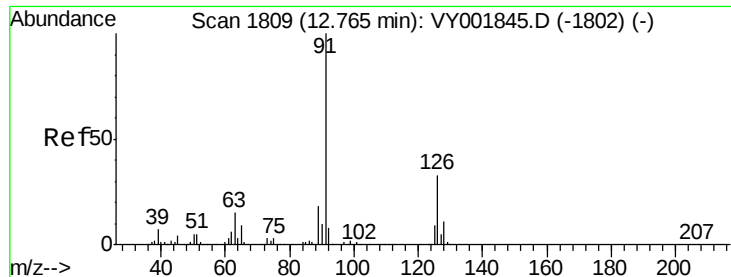
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.13 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

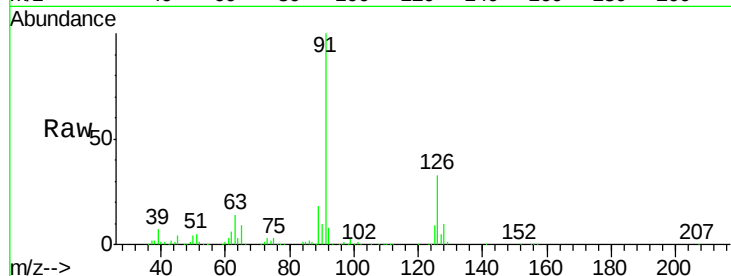
VSTDCCC050EC

Tgt Ion: 91 Resp: 335588

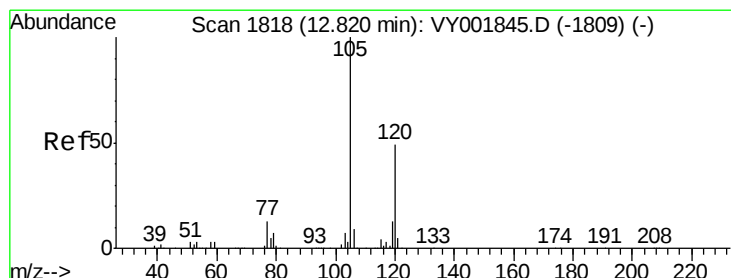
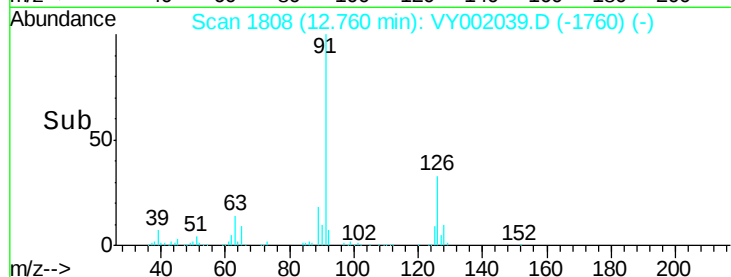
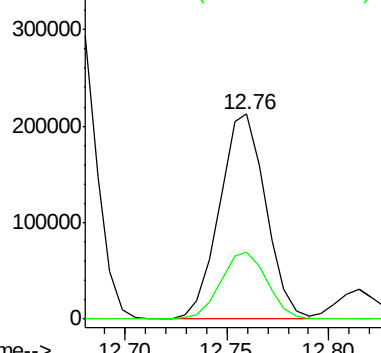
Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.37 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002039.D

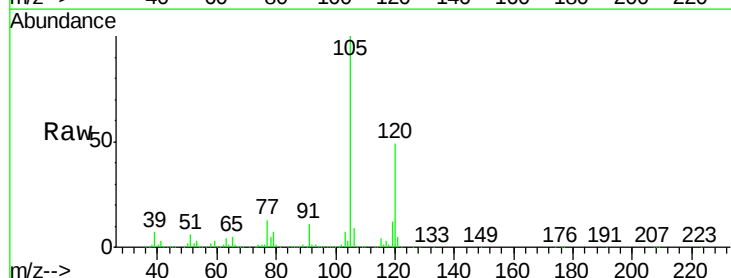
Acq: 20 Mar 2020 16:22

Tgt Ion: 105 Resp: 407154

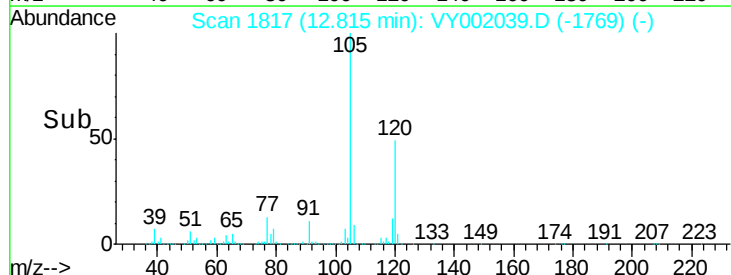
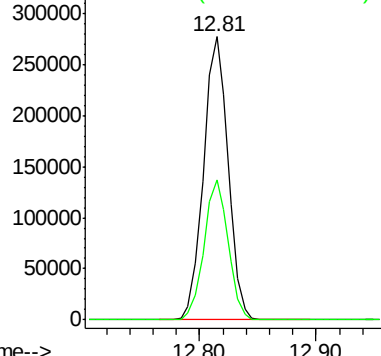
Ion Ratio Lower Upper

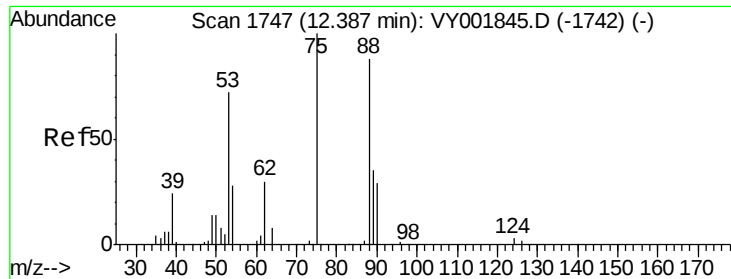
105 100

120 48.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.47 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002039.D

Acq: 20 Mar 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

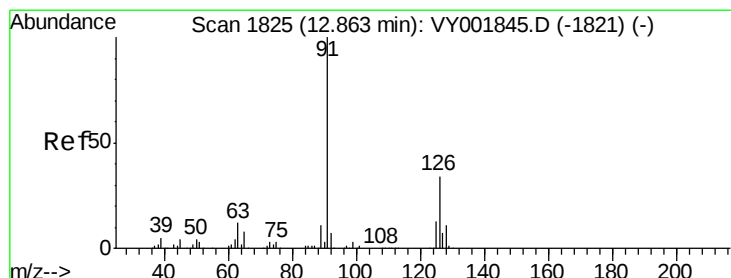
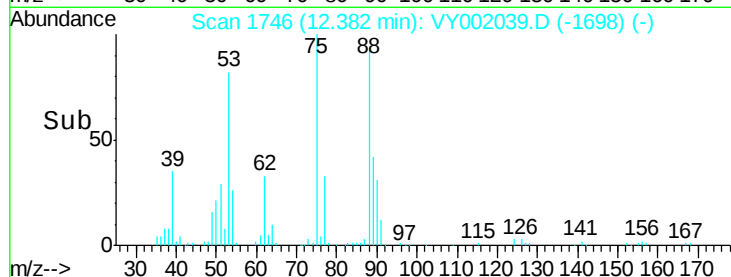
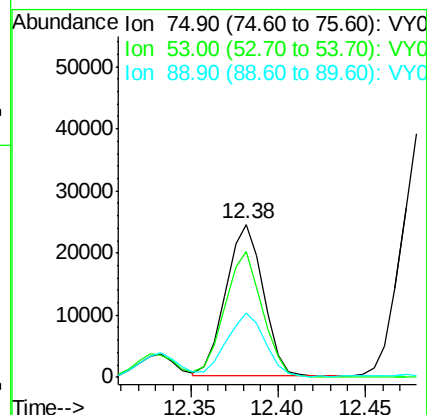
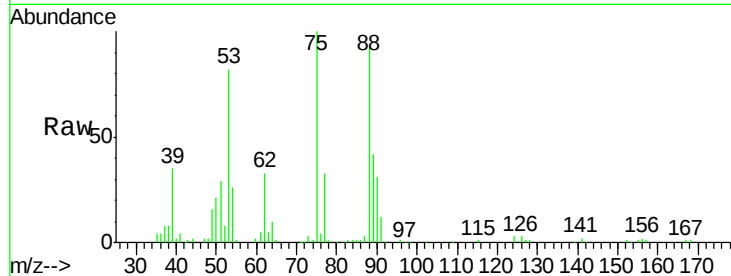
Tgt Ion: 75 Resp: 35988

Ion Ratio Lower Upper

75 100

53 83.8 65.4 98.0

89 43.4 36.0 54.0



#82

4-Chlorotoluene

Concen: 53.57 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002039.D

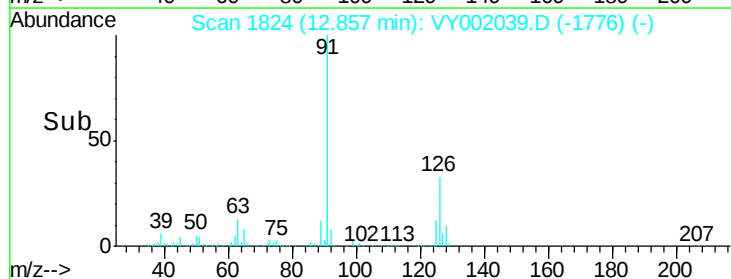
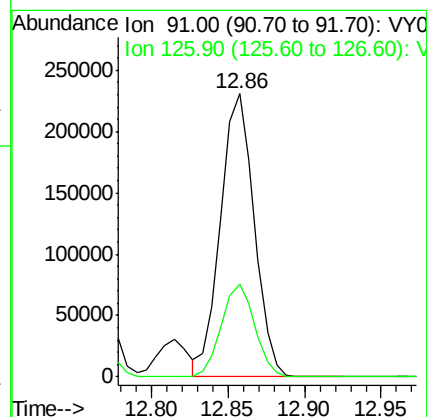
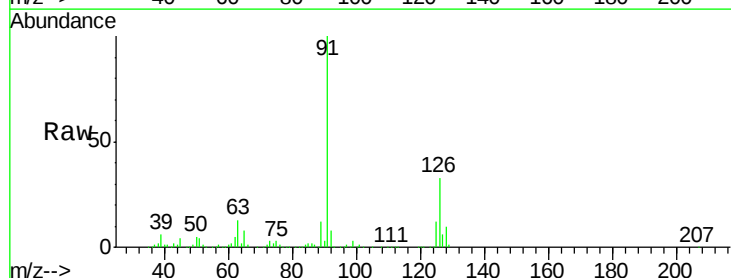
Acq: 20 Mar 2020 16:22

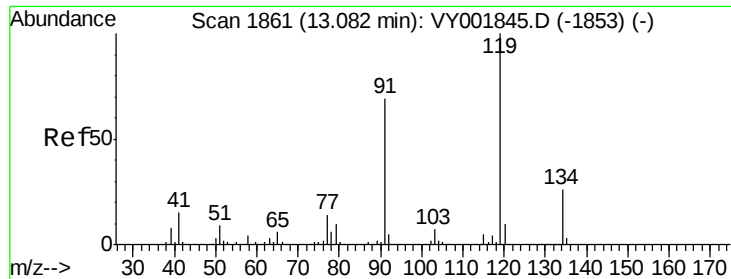
Tgt Ion: 91 Resp: 352305

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.2

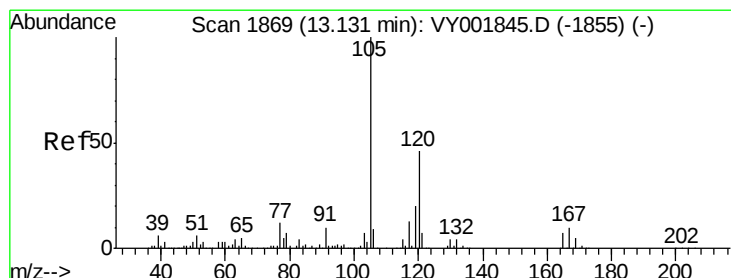
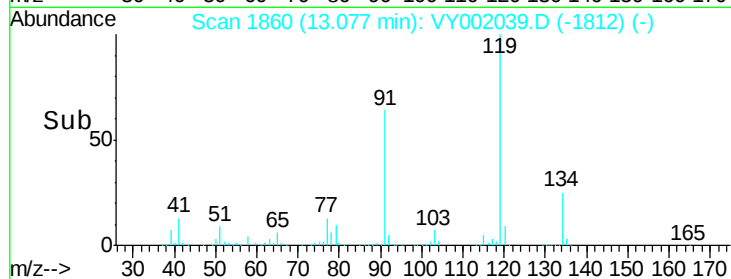
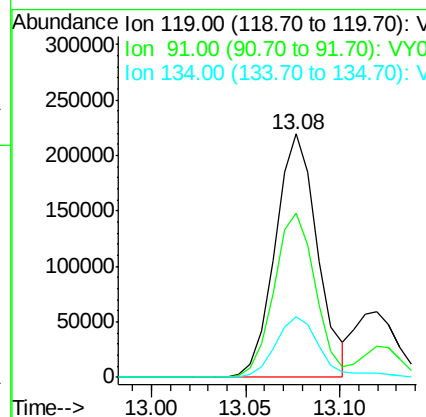
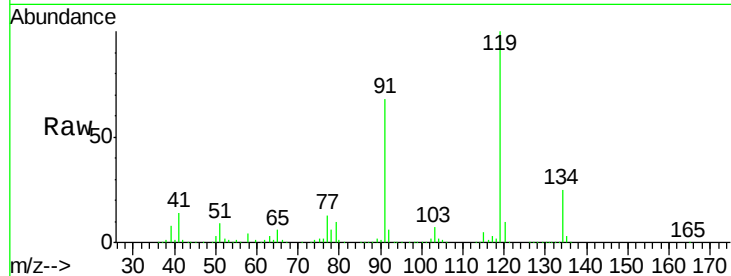




#83
 tert-Butylbenzene
 Concen: 53.81 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

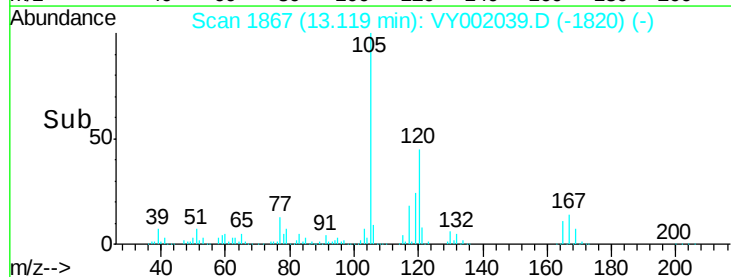
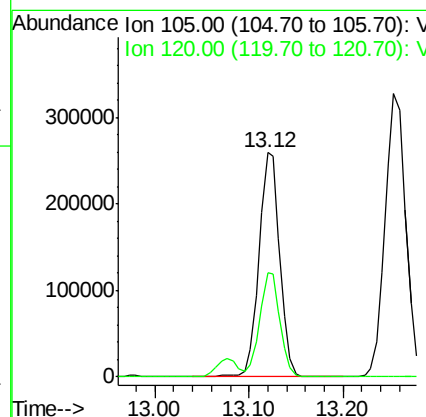
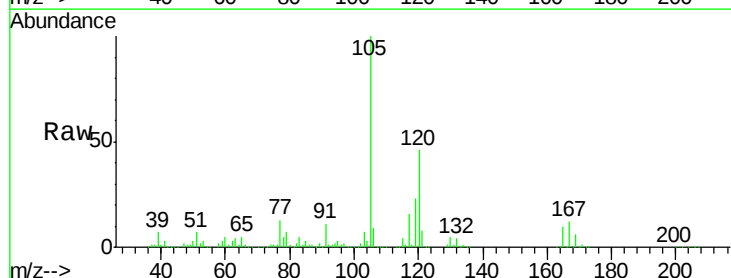
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

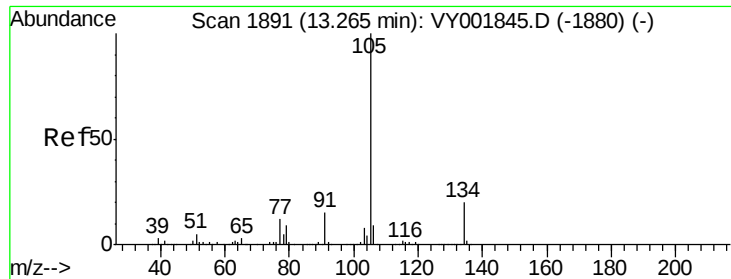
Tgt Ion: 119 Resp: 340992
 Ion Ratio Lower Upper
 119 100
 91 66.0 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.25 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 105 Resp: 403175
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

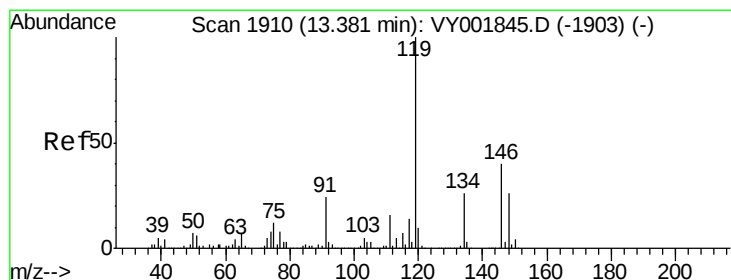
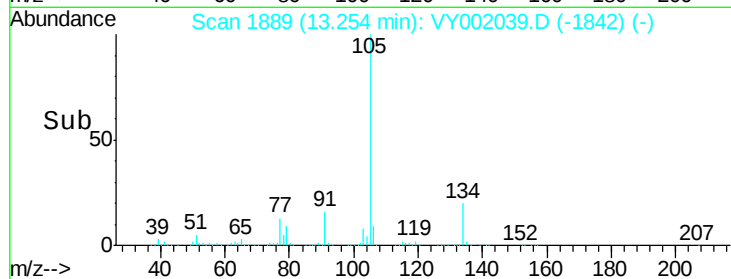
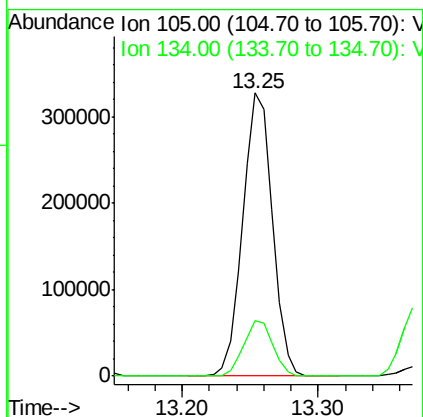
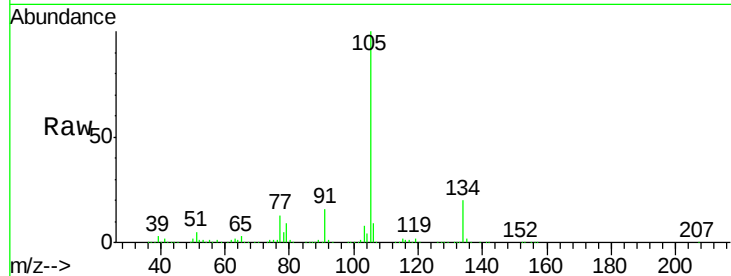




#85
 sec-Butylbenzene
 Concen: 53.54 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

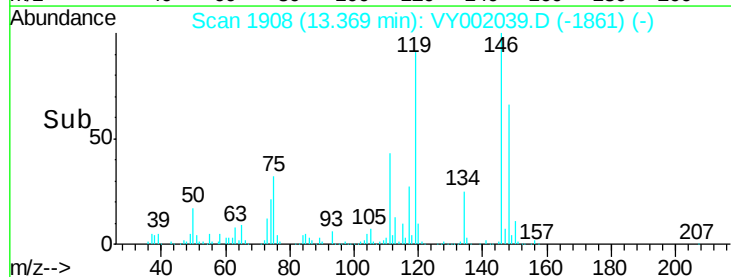
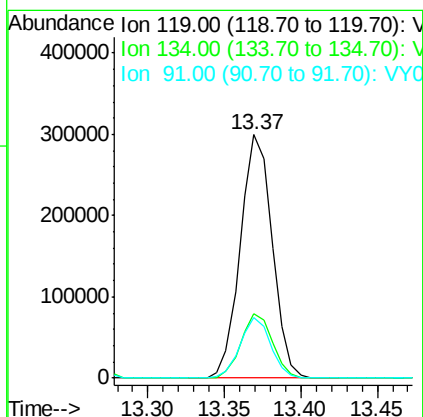
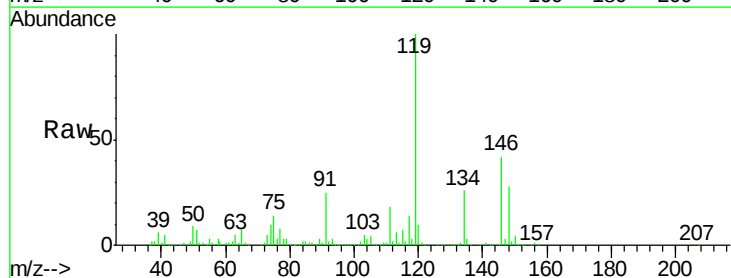
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

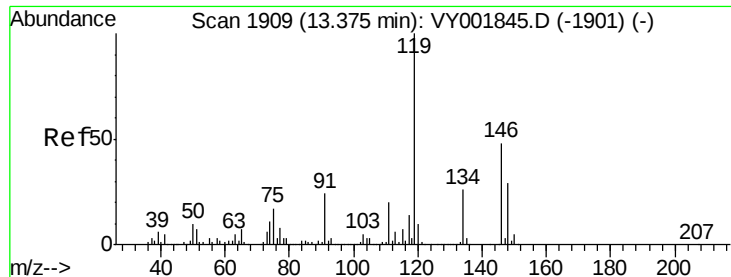
Tgt Ion:105 Resp: 500024
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.76 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion:119 Resp: 433153
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 11.9 35.7

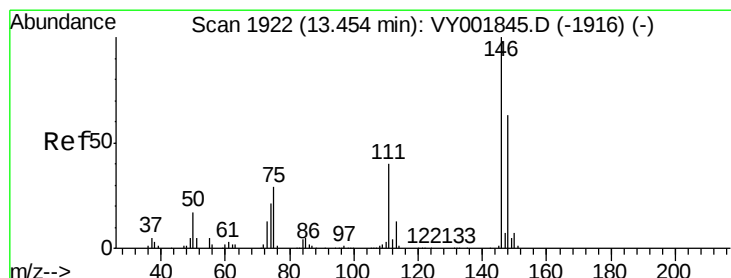
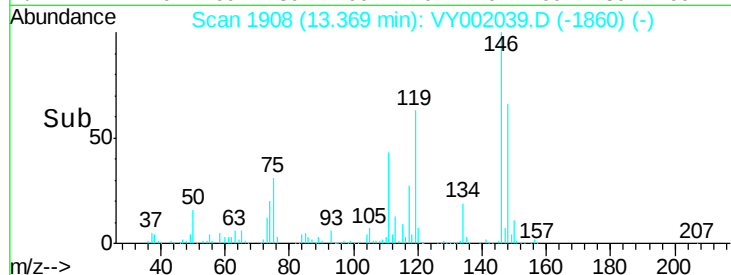
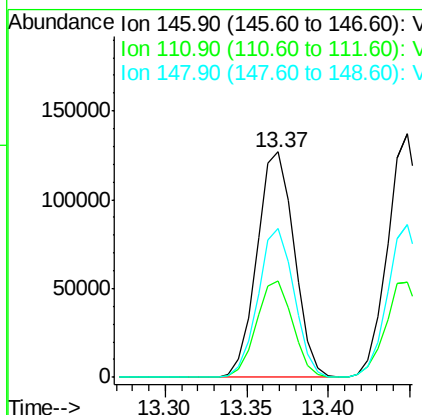
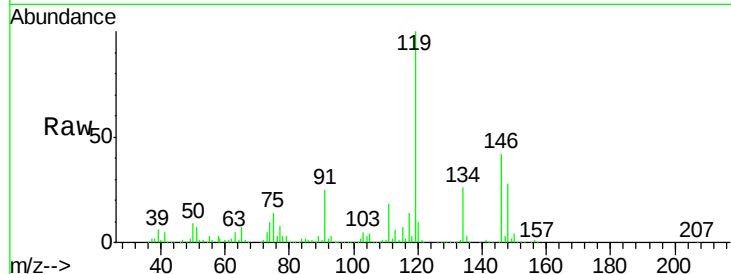




#87
 1,3-Dichlorobenzene
 Concen: 52.58 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

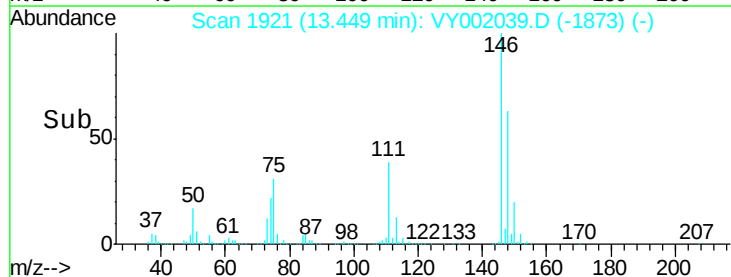
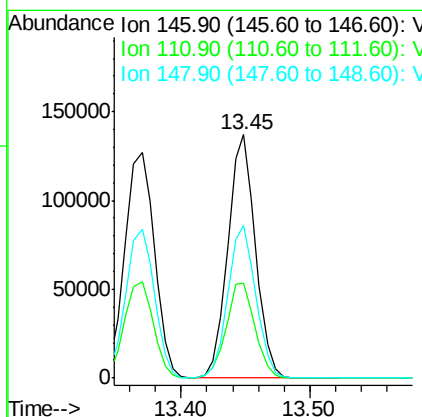
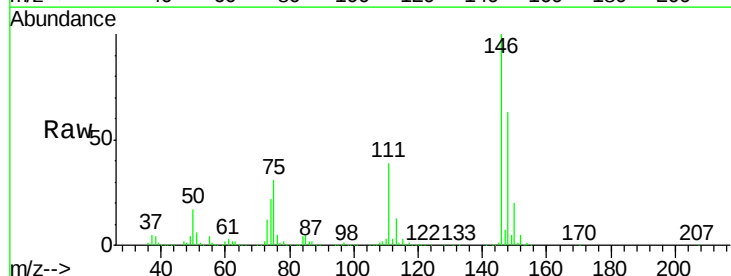
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

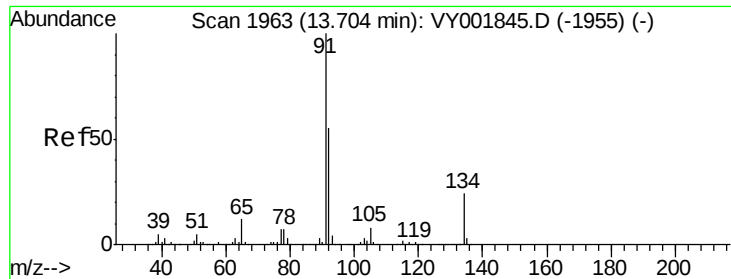
Tgt Ion:146 Resp: 202302
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 64.0 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 52.66 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion:146 Resp: 205520
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.5 31.5 94.5

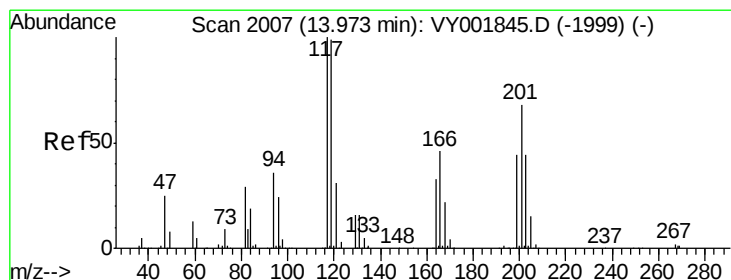
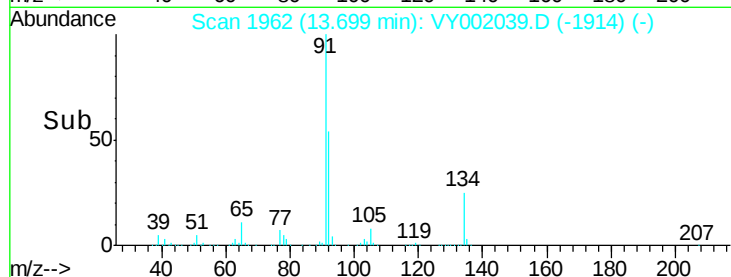
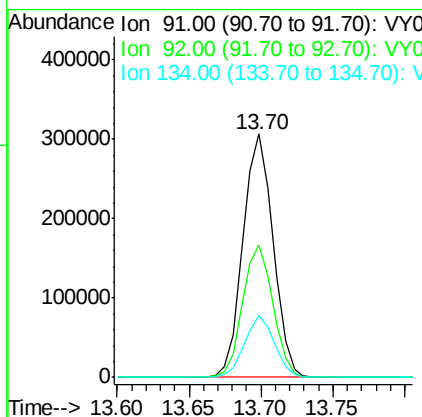
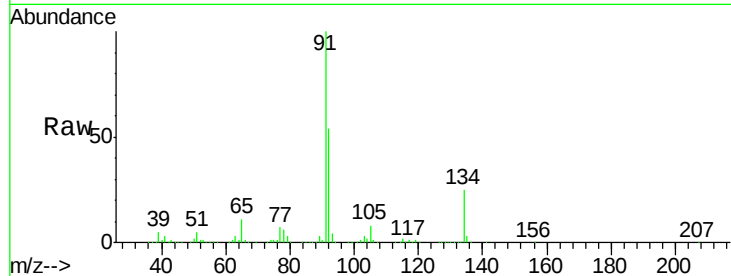




#89
n-Butylbenzene
Concen: 53.13 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

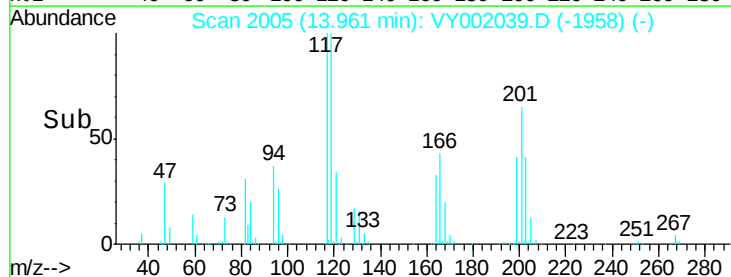
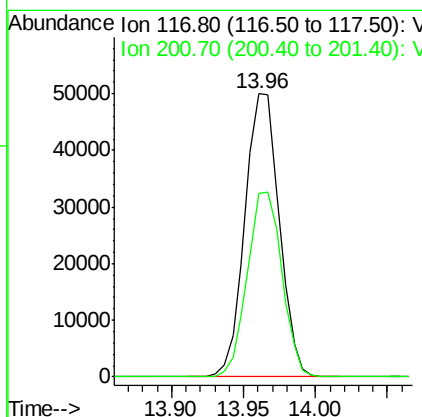
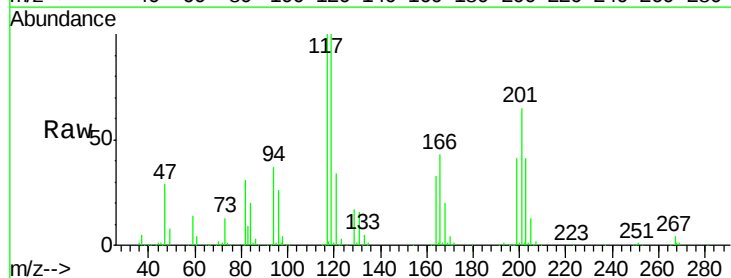
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

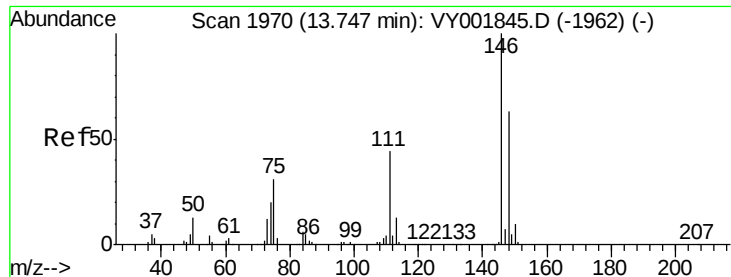
Tgt Ion: 91 Resp: 444113
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 54.21 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion: 117 Resp: 82392
Ion Ratio Lower Upper
117 100
201 65.9 32.5 97.5

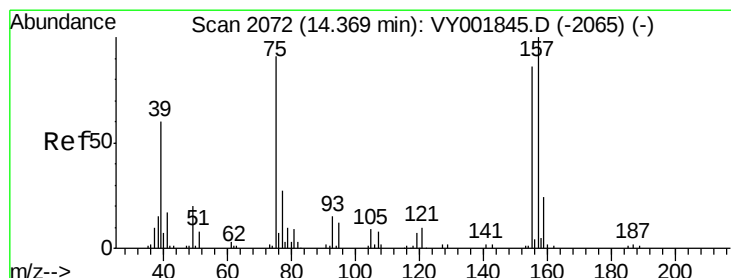
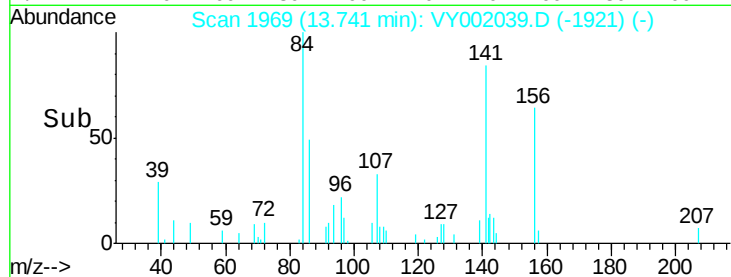
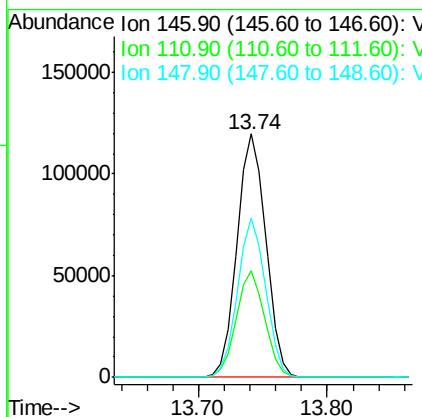
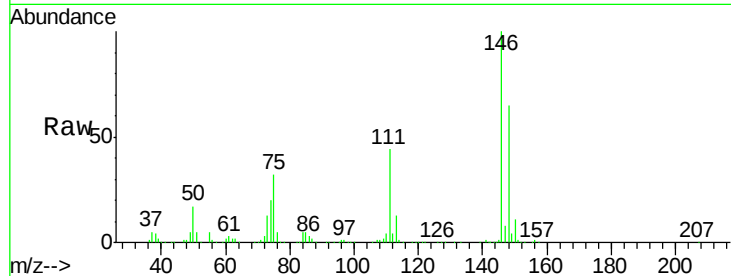




#91
 1,2-Dichlorobenzene
 Concen: 53.09 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

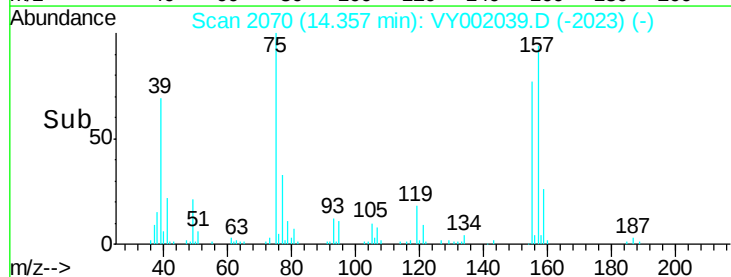
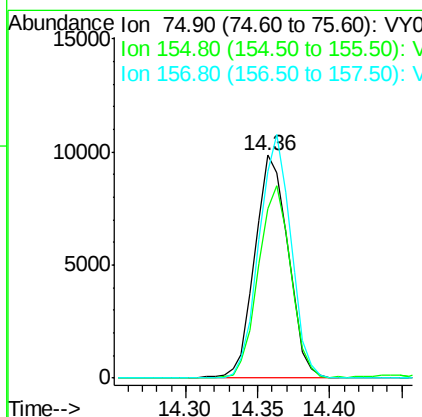
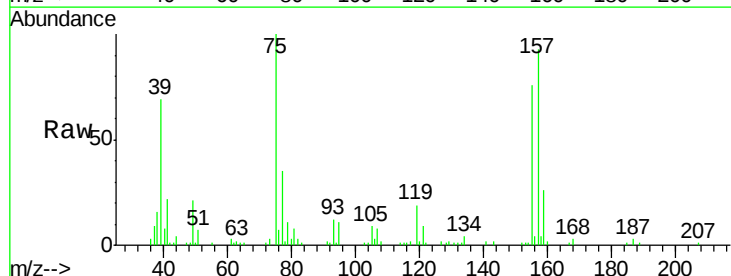
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

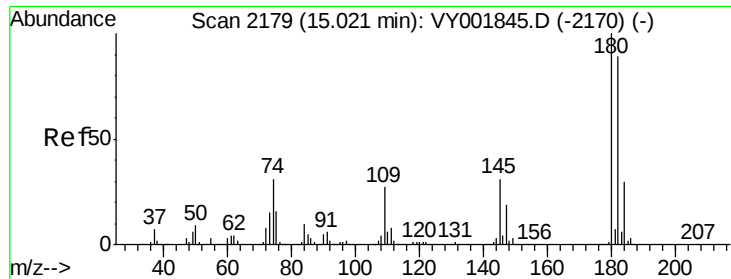
Tgt Ion: 146 Resp: 185549
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.57 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion: 75 Resp: 15769
 Ion Ratio Lower Upper
 75 100
 155 83.4 42.9 128.7
 157 103.9 53.1 159.4

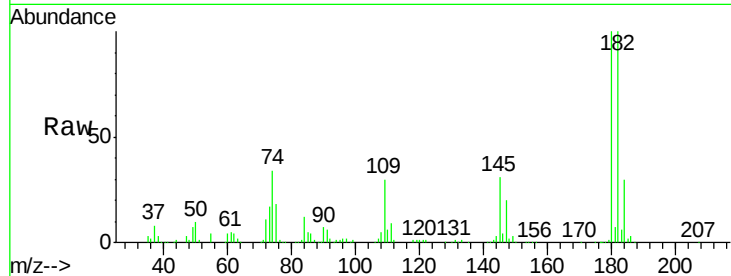




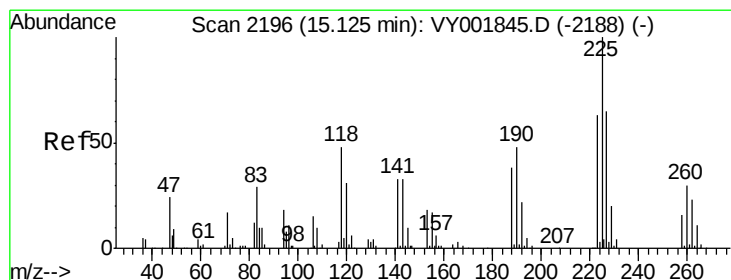
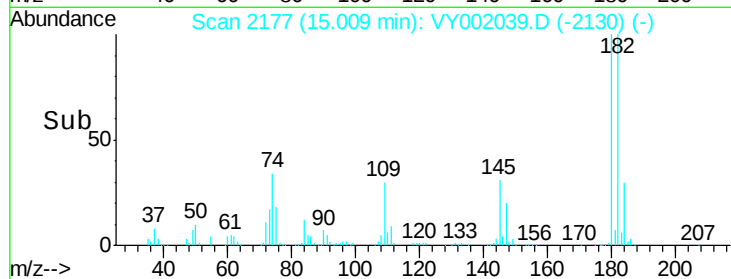
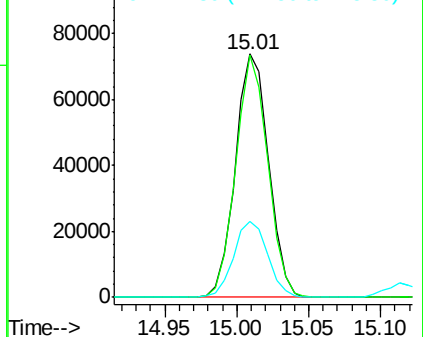
#93
 1,2,4-Trichlorobenzene
 Concen: 52.24 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 118416
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.1 138.3
 145 31.9 15.6 46.8

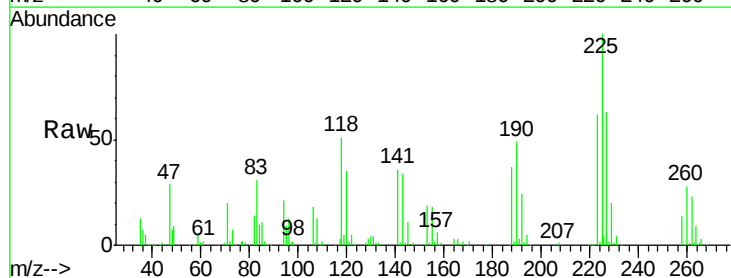


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

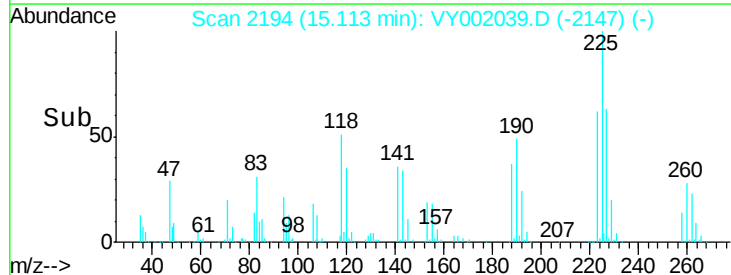
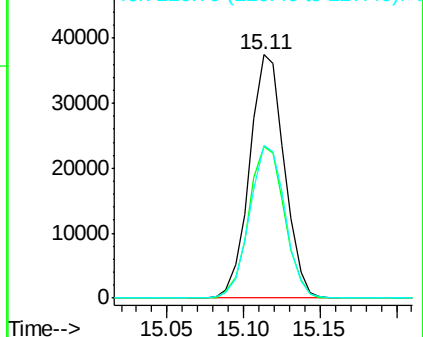


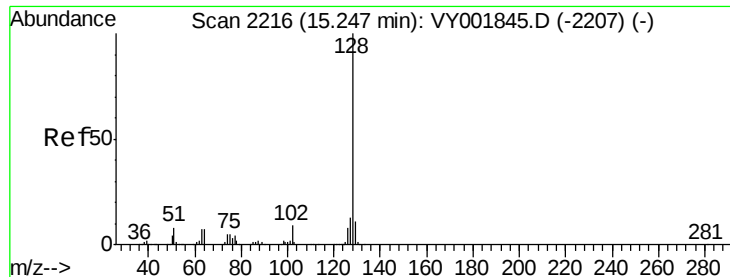
#94
 Hexachlorobutadiene
 Concen: 53.68 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002039.D
 Acq: 20 Mar 2020 16:22

Tgt Ion:225 Resp: 59322
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.5 94.5
 227 63.8 31.9 95.5



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

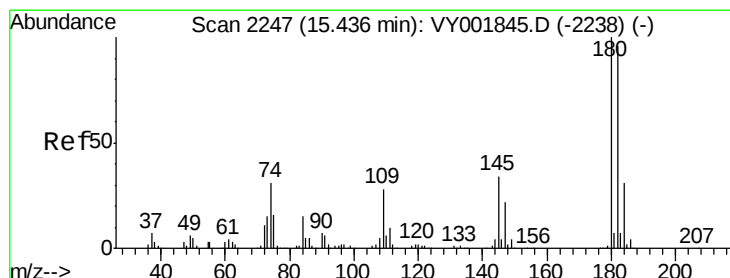
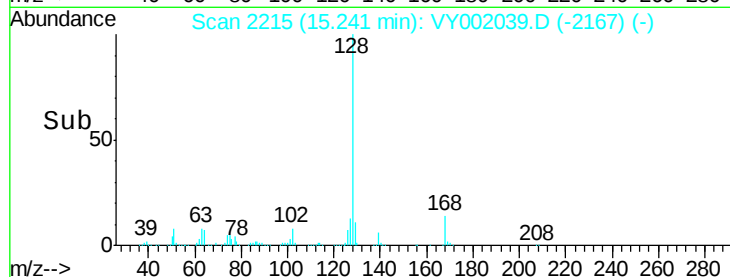
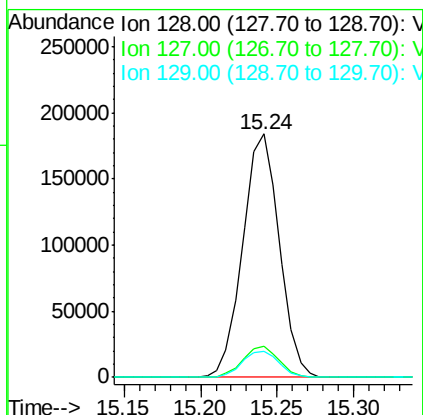
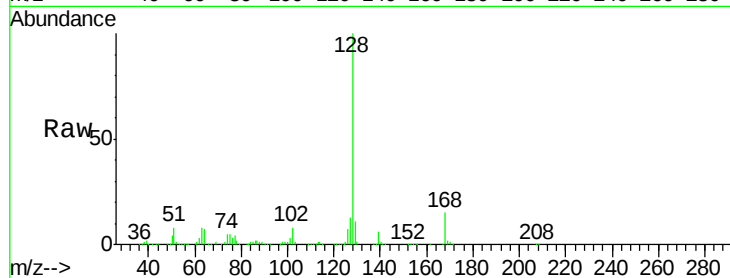




#95
Naphthalene
Concen: 56.68 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 304737
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.68 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002039.D
Acq: 20 Mar 2020 16:22

Tgt Ion:180 Resp: 105201
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 34.0 16.8 50.3

