

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002120.D
 Acq On : 27 Mar 2020 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 03:28:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	144704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82530	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	75491	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.19	98	313658	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	111240	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	42318	44.711 ug/l	97
3) Chloromethane	2.12	50	74818	44.243 ug/l	100
4) Vinyl Chloride	2.26	62	77965	45.332 ug/l	98
5) Bromomethane	2.66	94	56965	50.753 ug/l	99
6) Chloroethane	2.81	64	54138	49.023 ug/l	98
7) Trichlorofluoromethane	3.14	101	110253	46.780 ug/l	98
8) Diethyl Ether	3.55	74	48453	48.538 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	71581	46.292 ug/l	99
10) Methyl Iodide	4.11	142	80390	43.721 ug/l	98
11) Tert butyl alcohol	4.98	59	43724	231.944 ug/l	97
12) 1,1-Dichloroethene	3.90	96	74256	47.292 ug/l	92
13) Acrolein	3.75	56	60640	257.375 ug/l	99
14) Allyl chloride	4.50	41	142161	49.457 ug/l	98
15) Acrylonitrile	5.19	53	127694	244.056 ug/l	98
16) Acetone	3.97	43	88924	197.862 ug/l	98
17) Carbon Disulfide	4.21	76	245969	47.203 ug/l	100
18) Methyl Acetate	4.50	43	56088	48.060 ug/l	99
19) Methyl tert-butyl Ether	5.25	73	216980	49.536 ug/l	97
20) Methylene Chloride	4.74	84	91250	48.931 ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	87279	48.820 ug/l	99
22) Diisopropyl ether	6.14	45	308138	52.382 ug/l	95
23) Vinyl Acetate	6.08	43	992910	257.407 ug/l	98
24) 1,1-Dichloroethane	6.05	63	157546	50.372 ug/l	99
25) 2-Butanone	7.00	43	158134	229.149 ug/l	99
26) 2,2-Dichloropropane	7.00	77	121055	46.995 ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	99147	50.410 ug/l	99
28) Bromochloromethane	7.35	49	77956	54.595 ug/l	98
29) Tetrahydrofuran	7.36	42	111043	245.426 ug/l	99
30) Chloroform	7.52	83	149972	50.588 ug/l	97
31) Cyclohexane	7.80	56	155161	46.557 ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	124057	50.120 ug/l	99
36) 1,1-Dichloropropene	7.93	75	122909	48.296 ug/l	99
37) Ethyl Acetate	7.10	43	74956	48.739 ug/l	100
38) Carbon Tetrachloride	7.92	117	106103	49.141 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160459	48.068	ug/l	99
40) Benzene	8.17	78	373543	49.552	ug/l	98
41) Methacrylonitrile	7.36	41	99703	128.168	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	98931	49.432	ug/l	100
43) Isopropyl Acetate	8.28	43	141913	49.717	ug/l	99
44) Trichloroethene	8.95	130	89151	49.061	ug/l	96
45) 1,2-Dichloropropane	9.22	63	97548	50.821	ug/l	96
46) Dibromomethane	9.31	93	49684	50.403	ug/l	98
47) Bromodichloromethane	9.50	83	119189	51.940	ug/l	97
48) Methyl methacrylate	9.30	41	63063	49.301	ug/l	96
49) 1,4-Dioxane	9.31	88	13206	976.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	370082	251.792	ug/l	100
52) Toluene	10.25	92	228230	50.057	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129756	50.945	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	151917	50.660	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	71975	49.334	ug/l	94
56) Ethyl methacrylate	10.52	69	108110	50.735	ug/l	99
57) 1,3-Dichloropropane	10.80	76	129850	50.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	274039	250.278	ug/l	100
59) 2-Hexanone	10.84	43	250637	242.080	ug/l	100
60) Dibromochloromethane	10.99	129	77448	50.731	ug/l	99
61) 1,2-Dibromoethane	11.10	107	68587	50.227	ug/l	98
64) Tetrachloroethene	10.72	164	72181	47.131	ug/l	99
65) Chlorobenzene	11.52	112	236312	48.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	79902	49.428	ug/l	99
67) Ethyl Benzene	11.60	91	435584	48.537	ug/l	100
68) m/p-Xylenes	11.70	106	324115	97.681	ug/l	99
69) o-Xylene	12.03	106	154639	49.130	ug/l	99
70) Styrene	12.05	104	273873	50.214	ug/l	100
71) Bromoform	12.21	173	43186	48.777	ug/l #	99
73) Isopropylbenzene	12.33	105	415330	48.603	ug/l	100
74) N-amyl acetate	12.15	43	131843	48.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	89002	48.401	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	114780	89.074	ug/l #	100
77) Bromobenzene	12.61	156	89483	49.053	ug/l	98
78) n-propylbenzene	12.67	91	512713	48.348	ug/l	99
79) 2-Chlorotoluene	12.76	91	286123	49.141	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346322	49.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31891	47.947	ug/l	98
82) 4-Chlorotoluene	12.86	91	300051	48.903	ug/l	98
83) tert-Butylbenzene	13.08	119	294951	50.120	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	347937	49.463	ug/l	98
85) sec-Butylbenzene	13.26	105	423871	48.628	ug/l	100
86) p-Isopropyltoluene	13.38	119	367947	49.156	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	175195	49.093	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	174094	48.479	ug/l	99
89) n-Butylbenzene	13.70	91	376578	48.285	ug/l	99
90) Hexachloroethane	13.97	117	70537	50.010	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	160935	48.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14059	47.730	ug/l	95

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QLast Update : Fri Mar 27 07:11:05 2020
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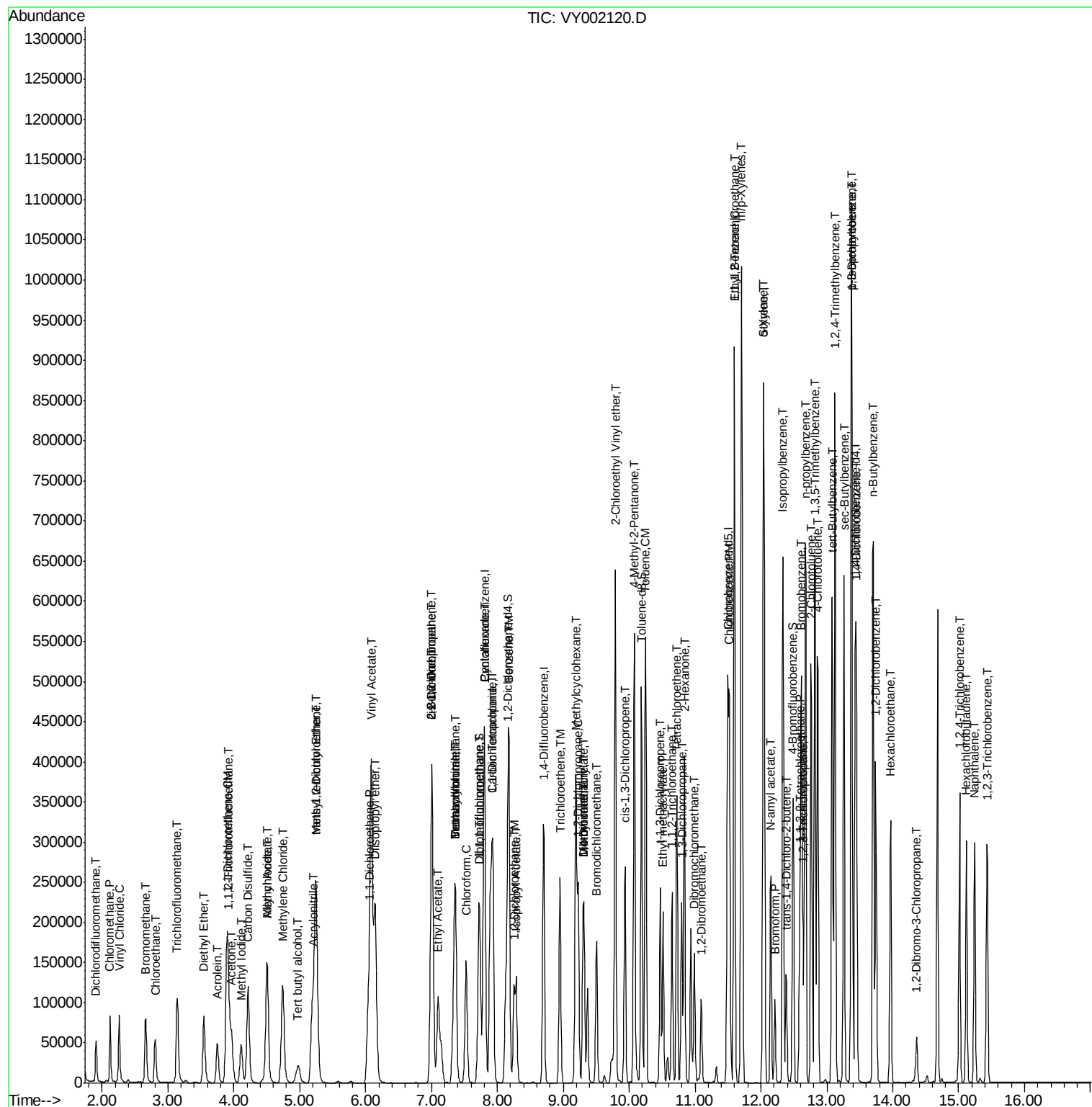
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100582	47.351	ug/l	98
94) Hexachlorobutadiene	15.12	225	48743	46.487	ug/l	99
95) Naphthalene	15.24	128	241792	47.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	90044	46.746	ug/l	98

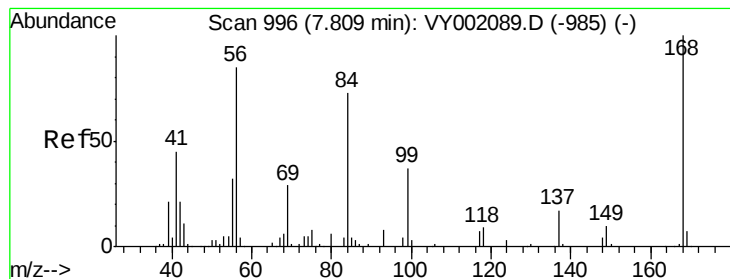
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

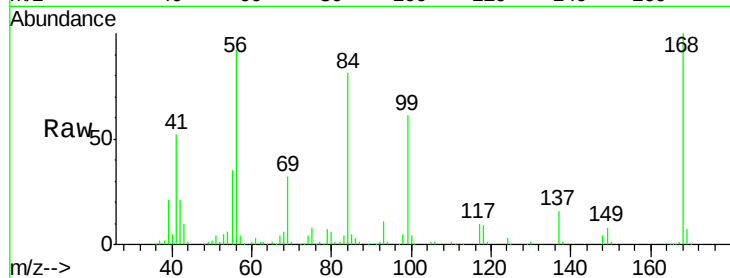
VSTDCCC050EC

Tgt Ion:168 Resp: 144704

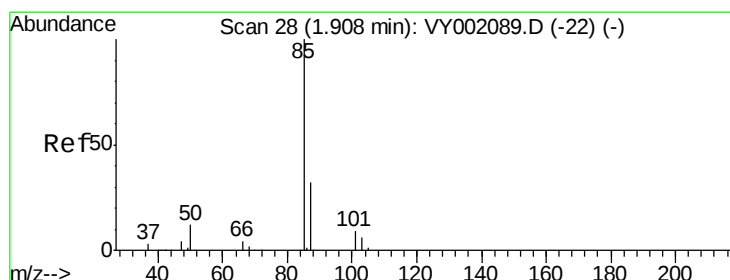
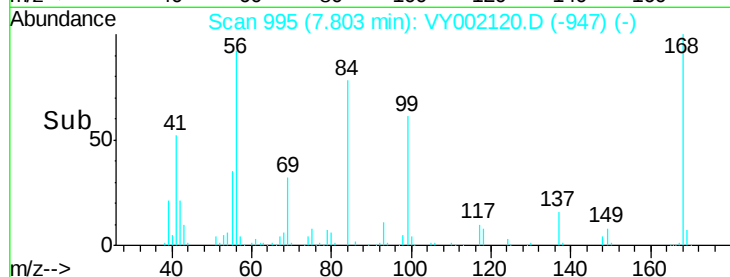
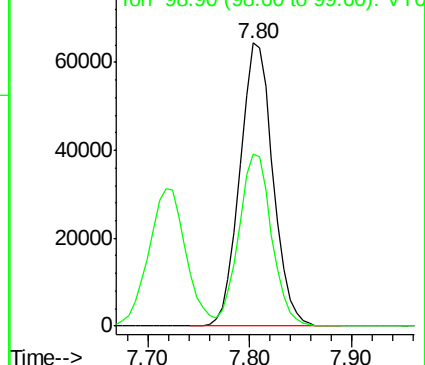
Ion Ratio Lower Upper

168 100

99 60.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002120.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 44.711 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002120.D

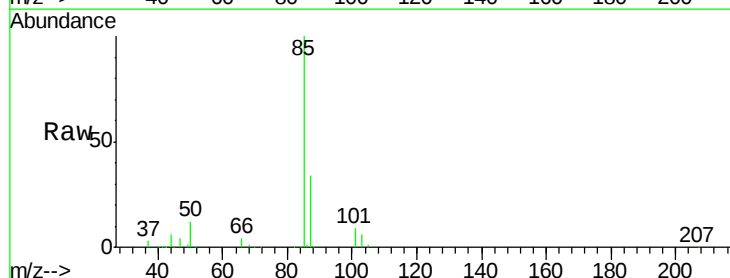
Acq: 27 Mar 2020 20:43

Tgt Ion: 85 Resp: 42318

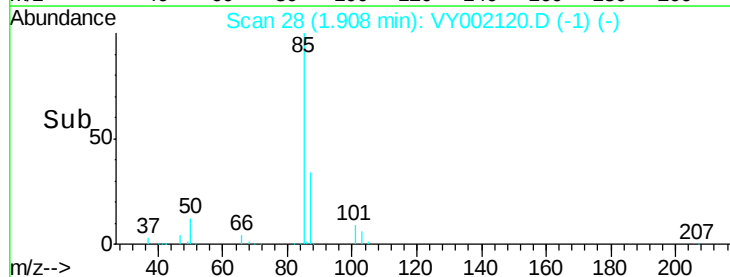
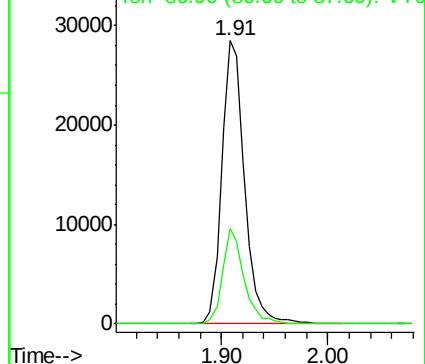
Ion Ratio Lower Upper

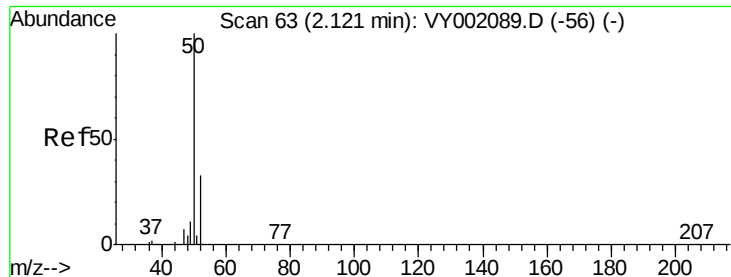
85 100

87 33.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002120.D (-1) (-)





#3

Chloromethane

Concen: 44.243 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

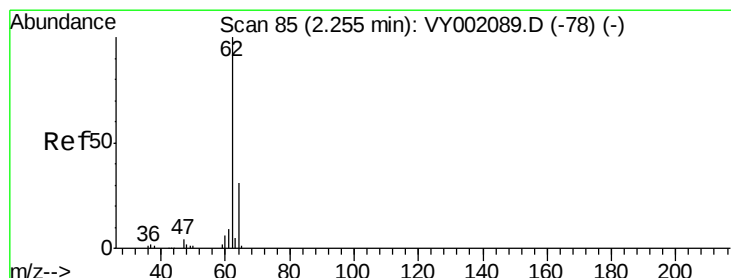
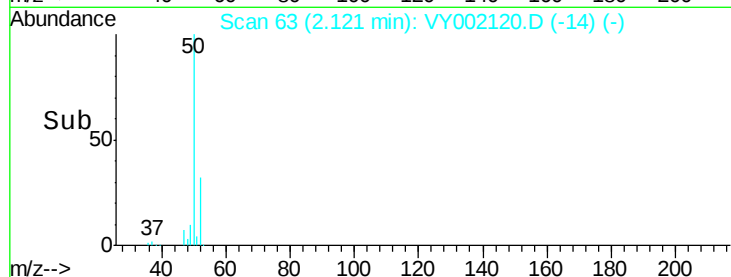
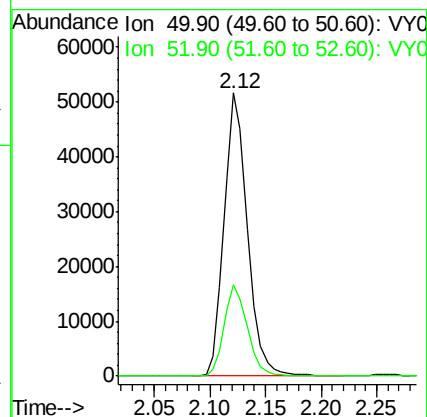
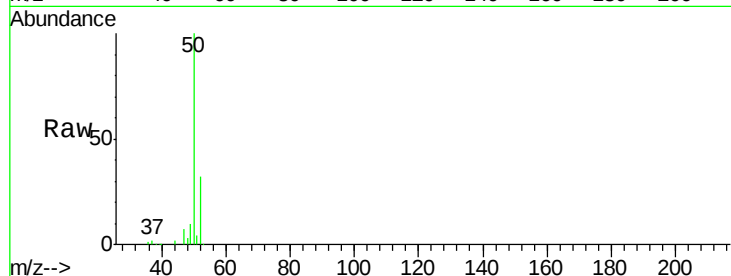
VSTDCCC050EC

Tgt Ion: 50 Resp: 74818

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 45.332 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002120.D

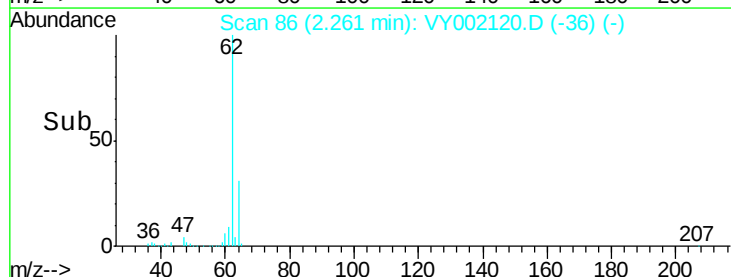
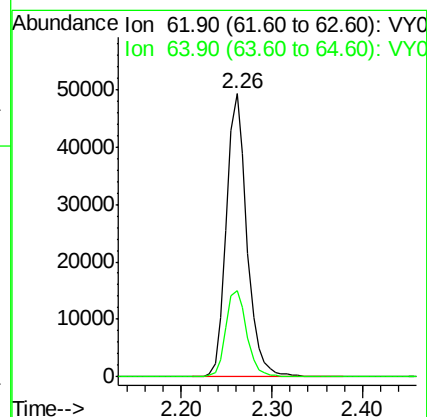
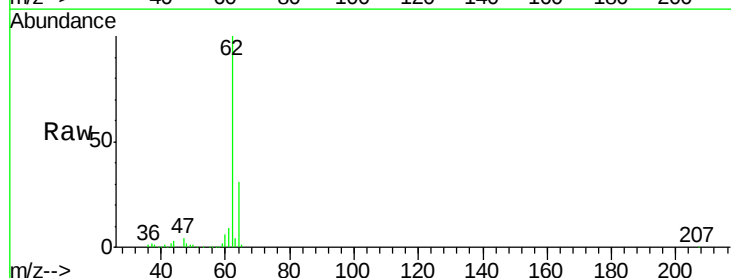
Acq: 27 Mar 2020 20:43

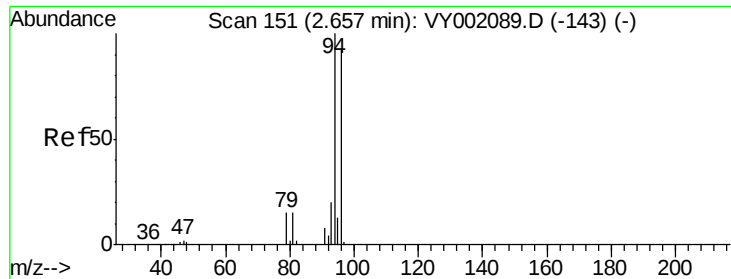
Tgt Ion: 62 Resp: 77965

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 50.753 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

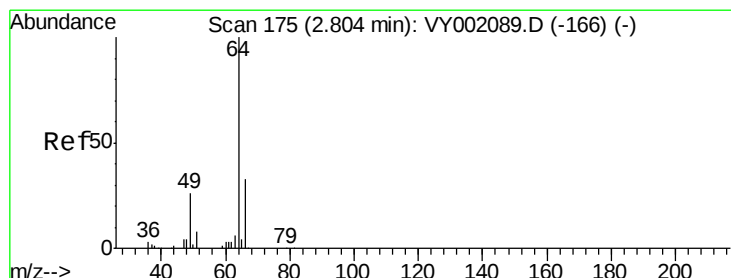
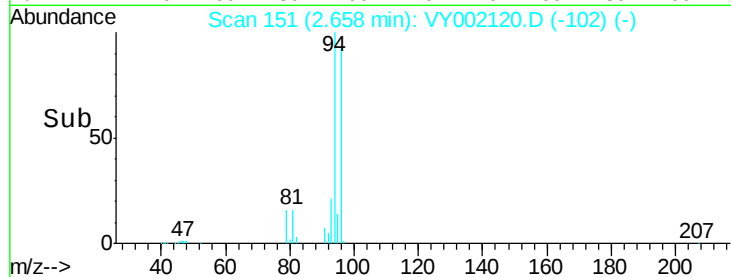
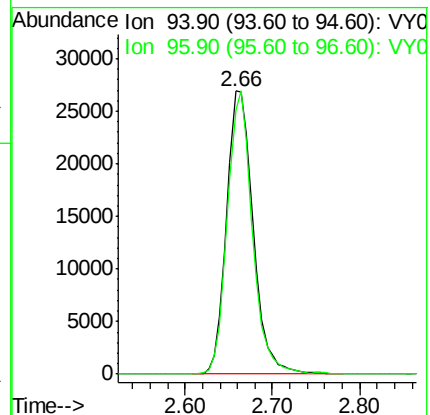
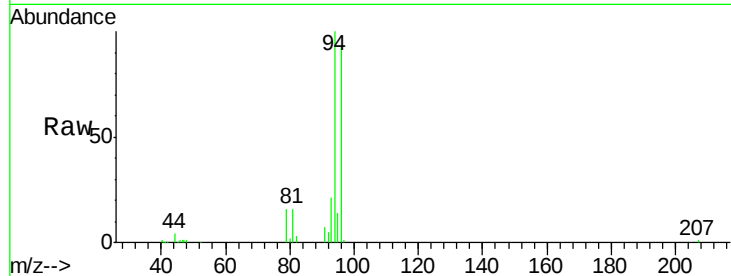
VSTDCCC050EC

Tgt Ion: 94 Resp: 56965

Ion Ratio Lower Upper

94 100

96 93.4 74.1 111.1



#6

Chloroethane

Concen: 49.023 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002120.D

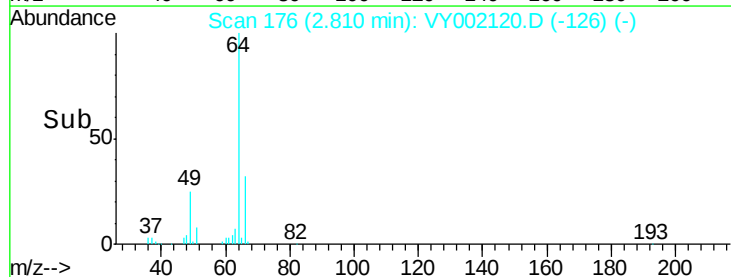
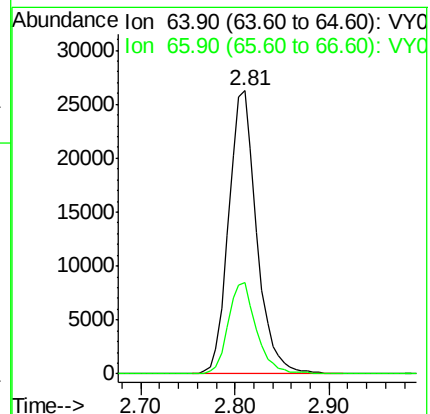
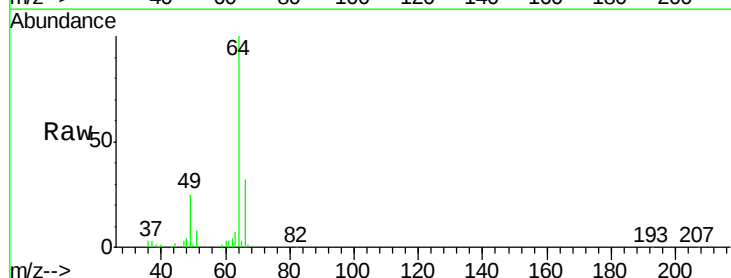
Acq: 27 Mar 2020 20:43

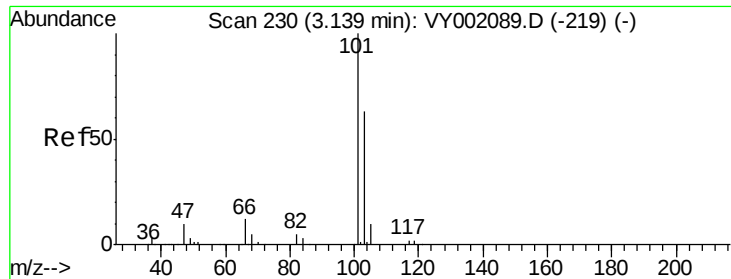
Tgt Ion: 64 Resp: 54138

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8



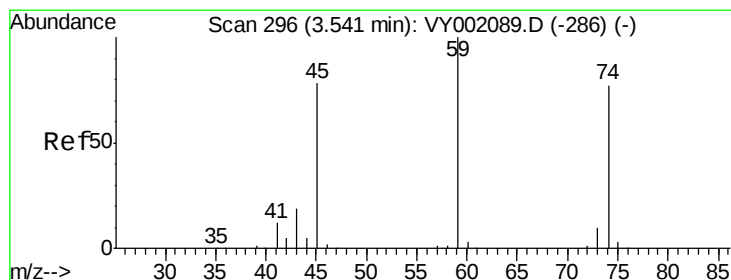
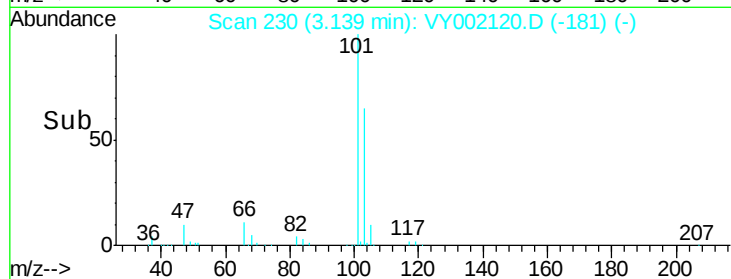
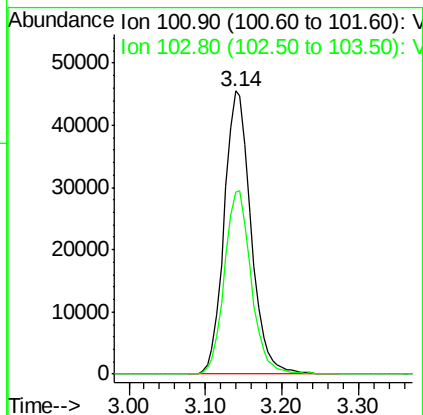
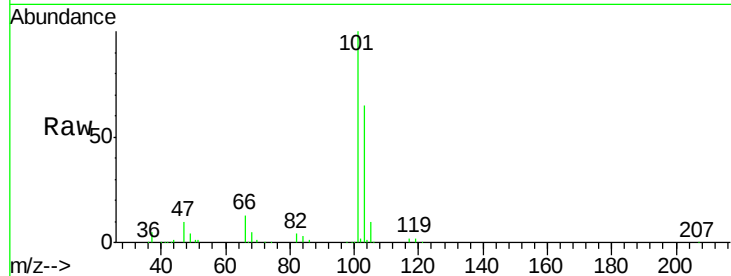


#7

Trichlorofluoromethane
 Concen: 46.780 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

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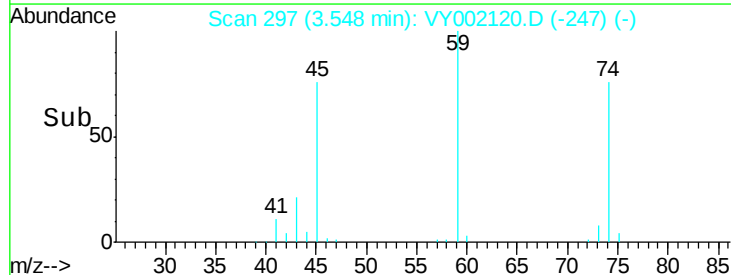
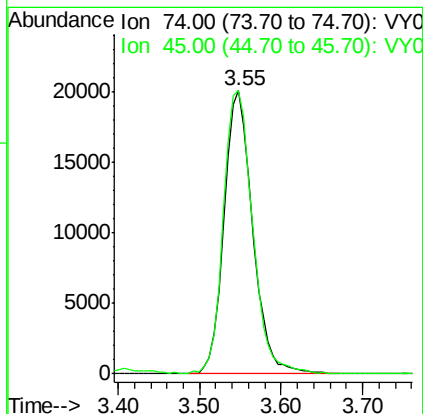
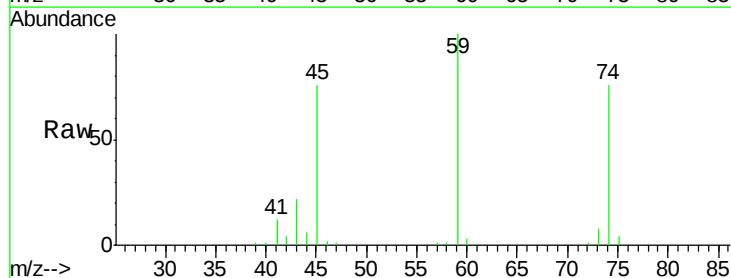
Tgt Ion:101 Resp: 110253
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

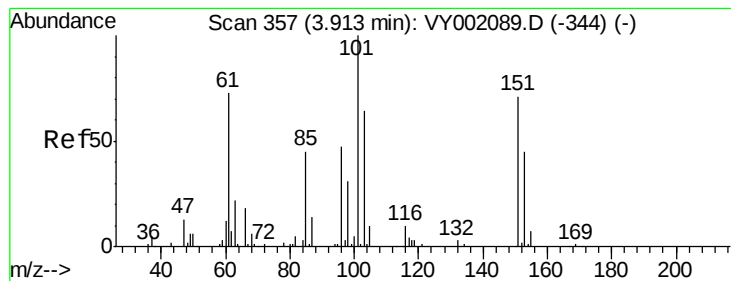


#8

Diethyl Ether
 Concen: 48.538 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 74 Resp: 48453
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.292 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

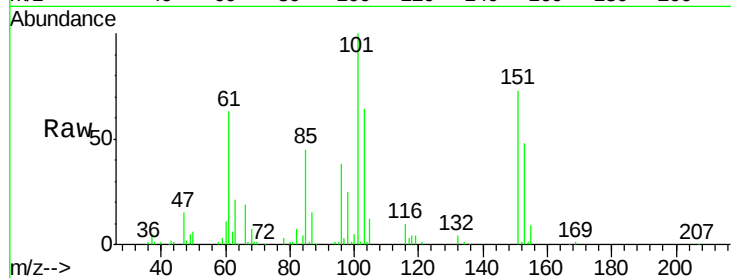
Tgt Ion:101 Resp: 71581

Ion Ratio Lower Upper

101 100

85 45.7 35.9 53.9

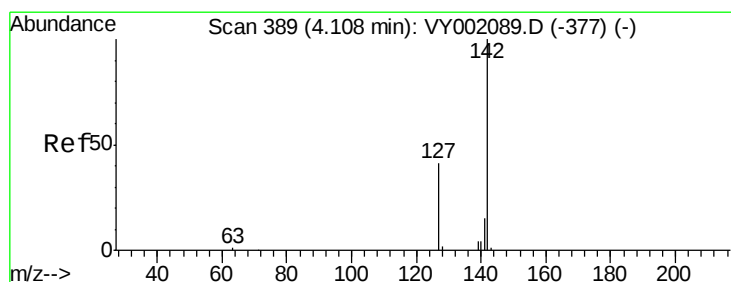
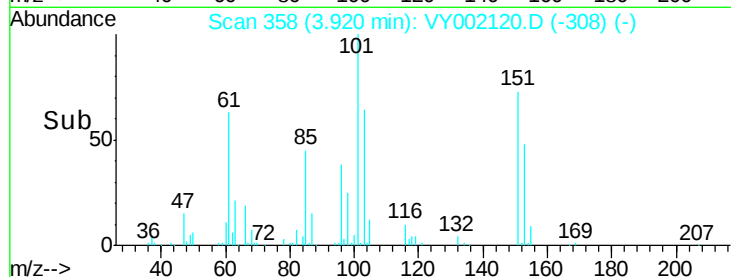
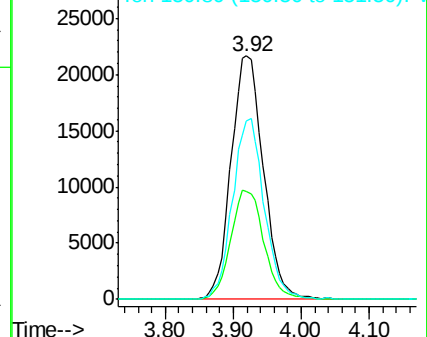
151 72.4 57.5 86.3



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: 43.721 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

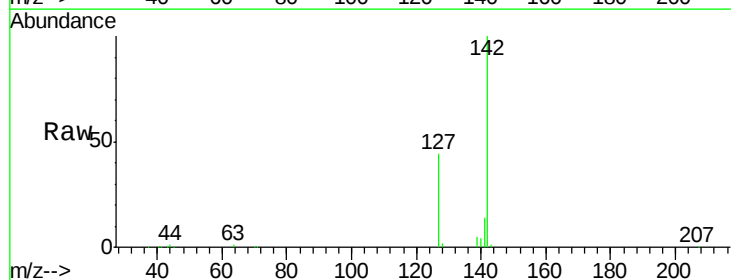
Tgt Ion:142 Resp: 80390

Ion Ratio Lower Upper

142 100

127 42.1 32.6 49.0

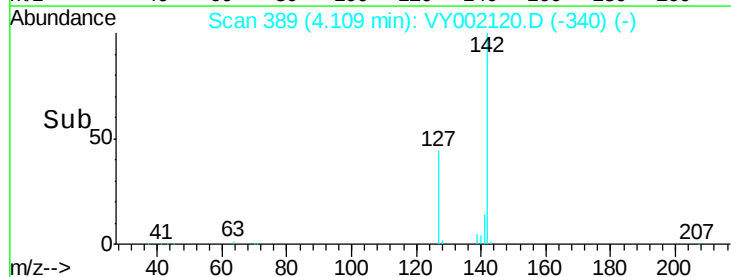
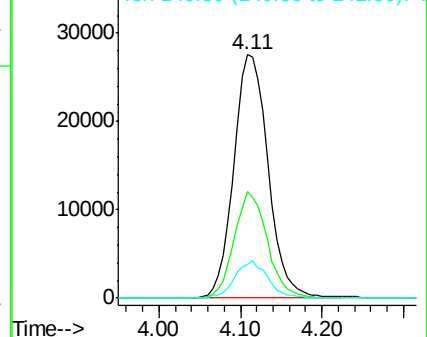
141 14.5 11.4 17.0

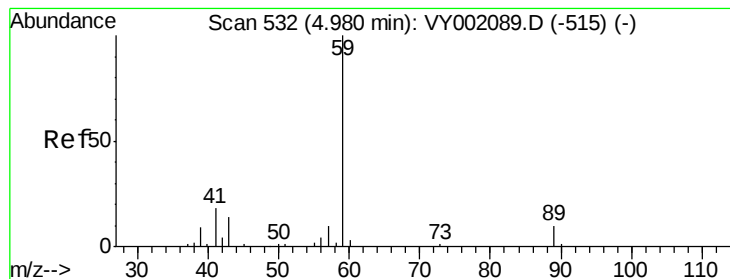


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



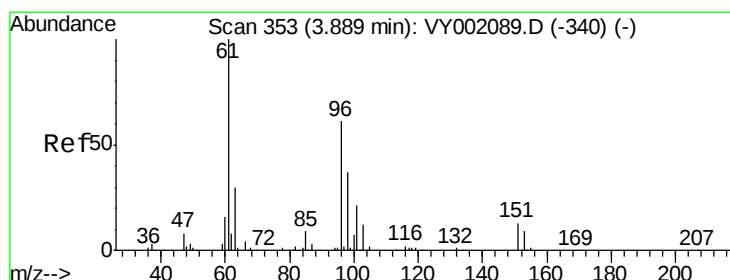
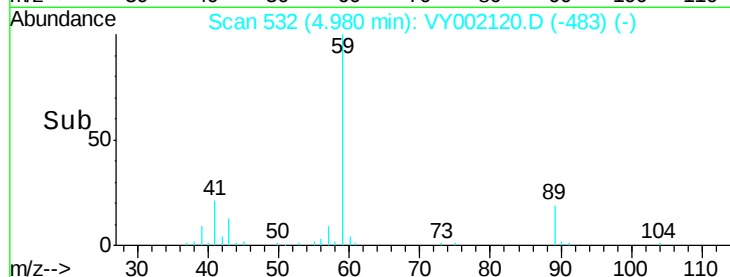
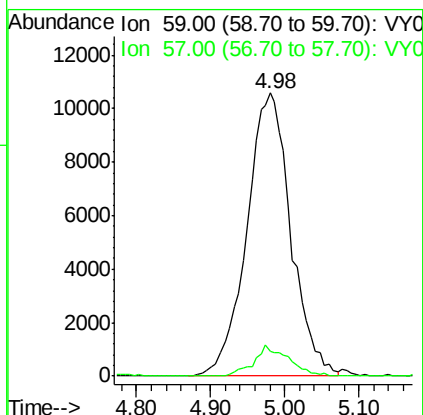
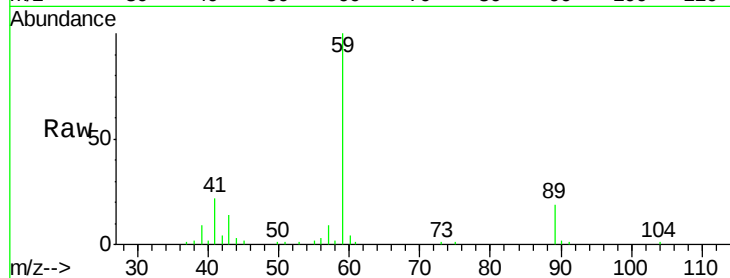


#11

Tert butyl alcohol
 Concen: 231.944 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

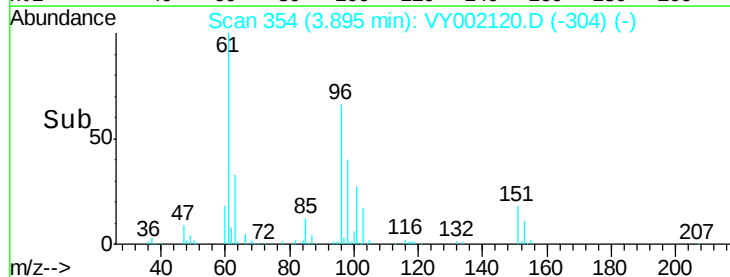
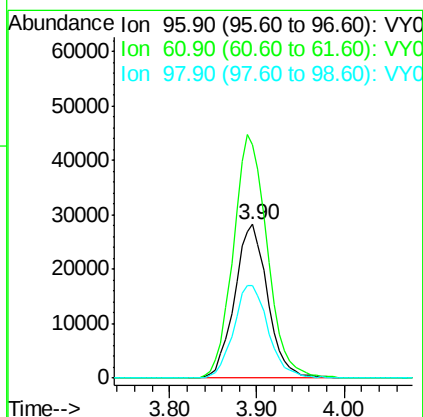
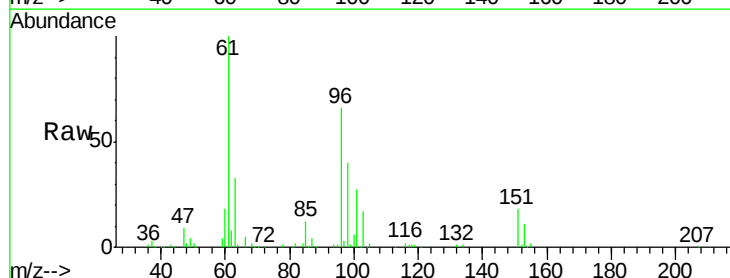
Tgt Ion: 59 Resp: 43724
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.7 11.5

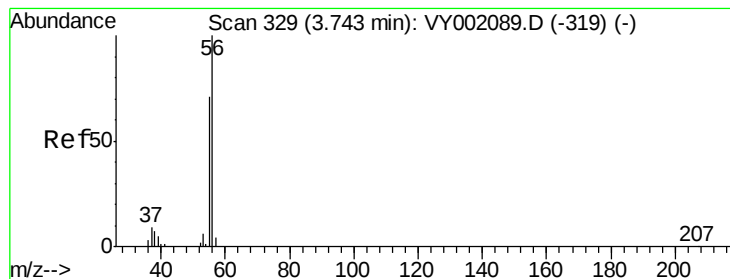


#12

1,1-Dichloroethene
 Concen: 47.292 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 96 Resp: 74256
 Ion Ratio Lower Upper
 96 100
 61 151.9 132.0 198.0
 98 60.3 49.4 74.0





#13

Acrolein

Concen: 257.375 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

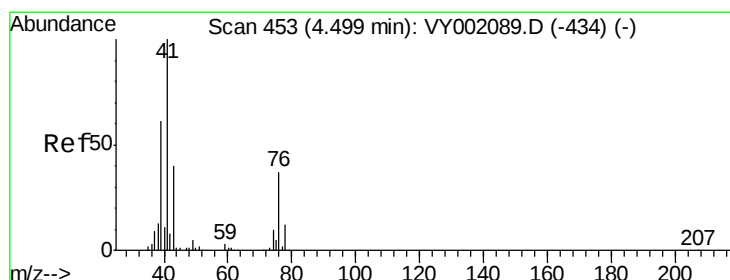
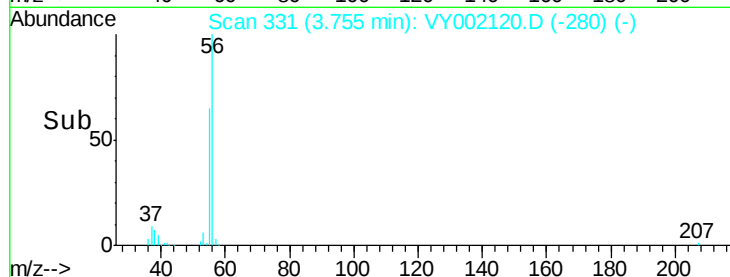
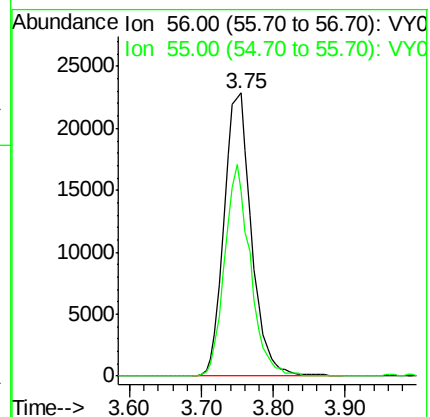
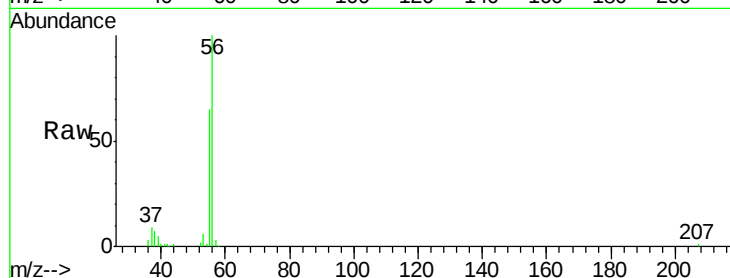
VSTDCCC050EC

Tgt Ion: 56 Resp: 60640

Ion Ratio Lower Upper

56 100

55 69.9 56.5 84.7



#14

Allyl chloride

Concen: 49.457 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

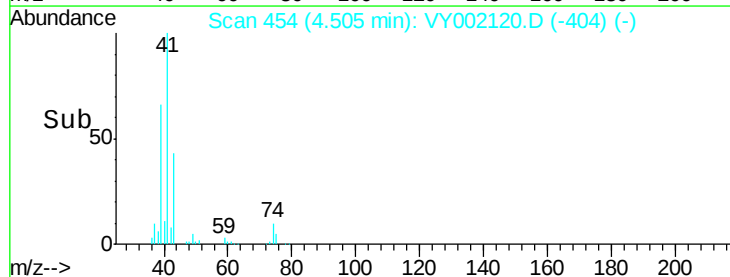
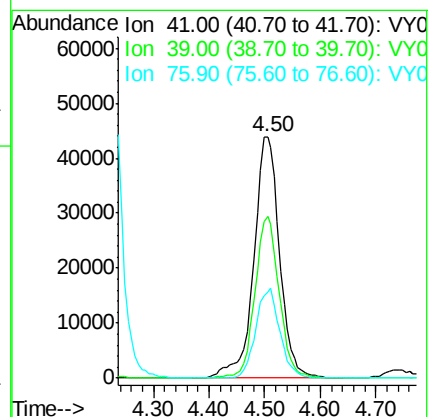
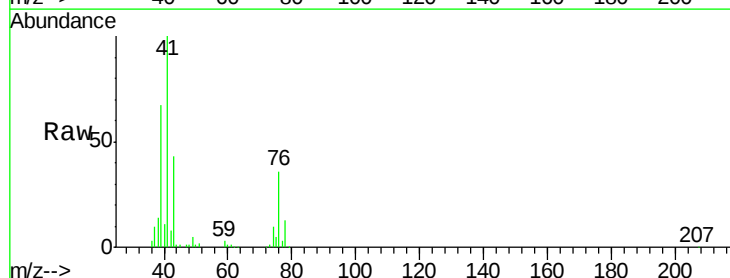
Tgt Ion: 41 Resp: 142161

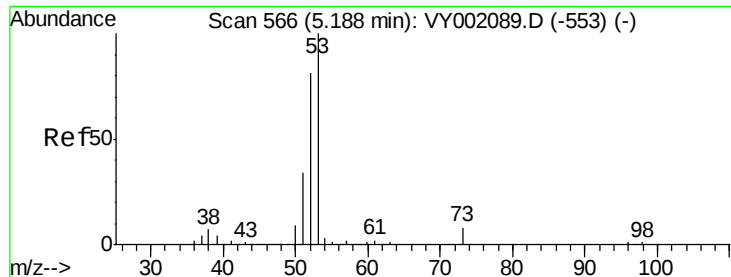
Ion Ratio Lower Upper

41 100

39 63.1 49.0 73.4

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 244.056 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

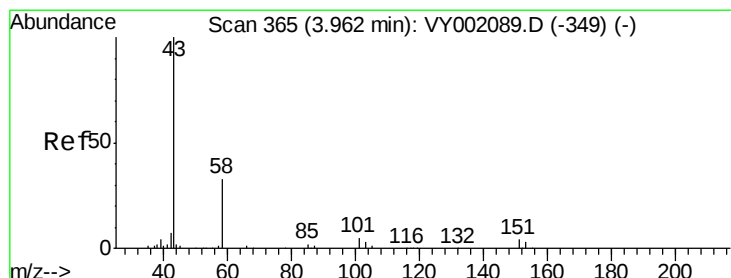
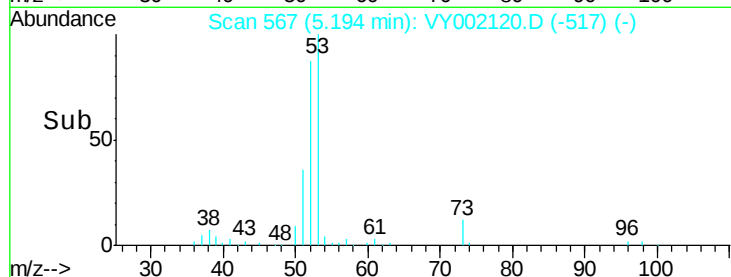
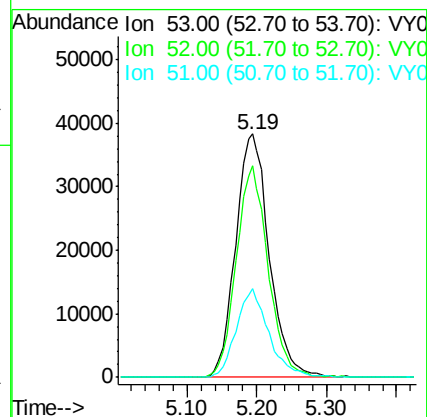
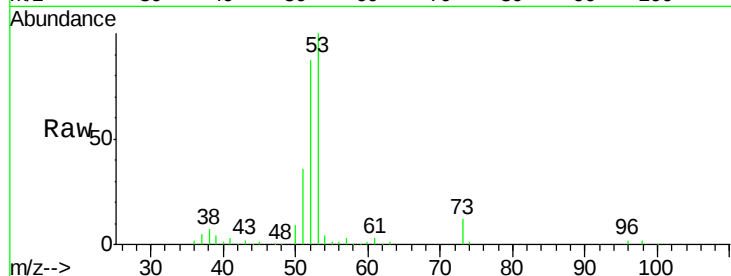
Tgt Ion: 53 Resp: 127694

Ion Ratio Lower Upper

53 100

52 82.5 64.6 97.0

51 35.4 27.9 41.9



#16

Acetone

Concen: 197.862 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002120.D

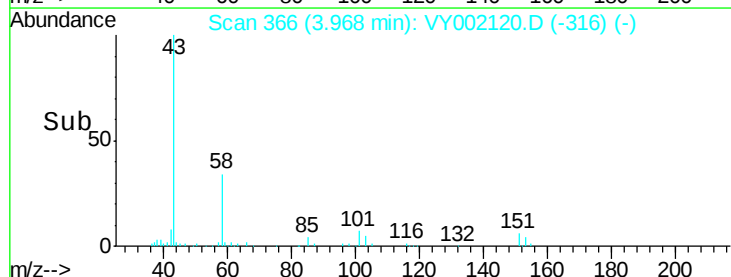
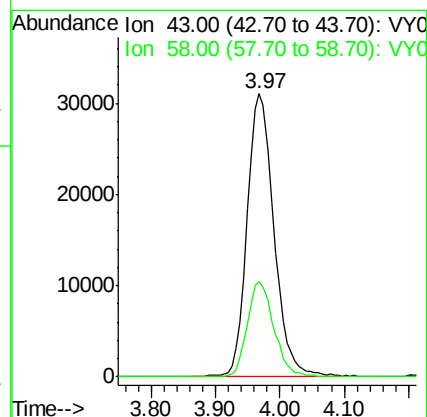
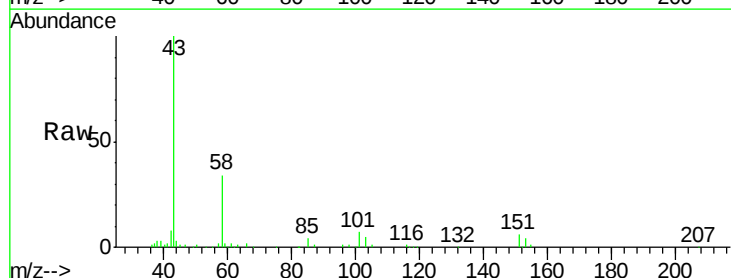
Acq: 27 Mar 2020 20:43

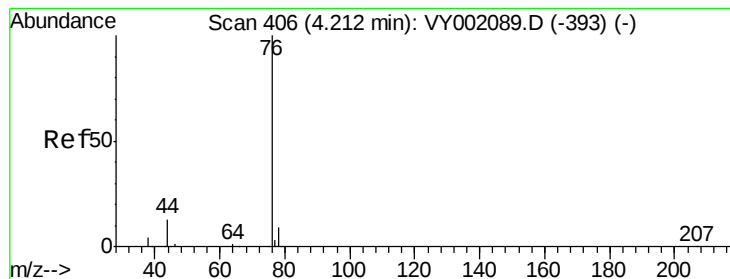
Tgt Ion: 43 Resp: 88924

Ion Ratio Lower Upper

43 100

58 33.8 26.3 39.5





#17

Carbon Disulfide

Concen: 47.203 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

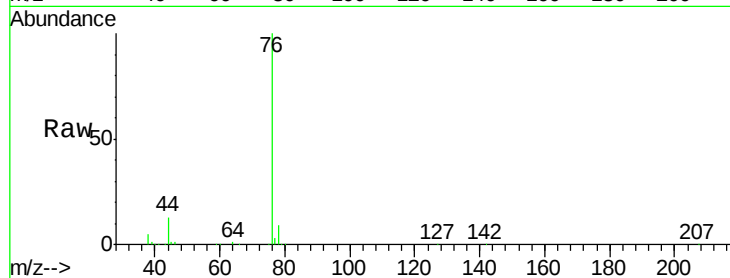
VSTDCCC050EC

Tgt Ion: 76 Resp: 245969

Ion Ratio Lower Upper

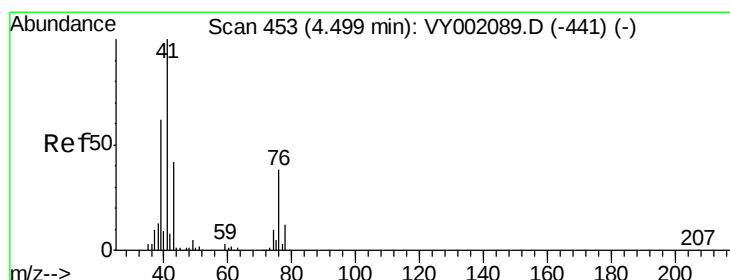
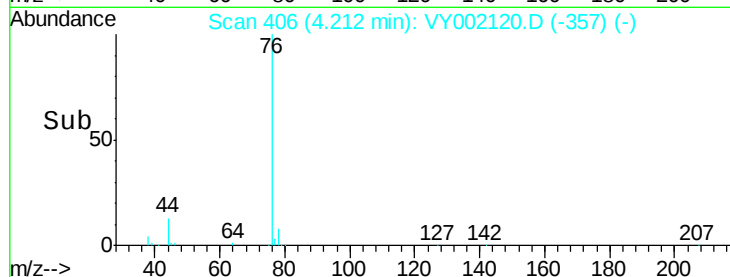
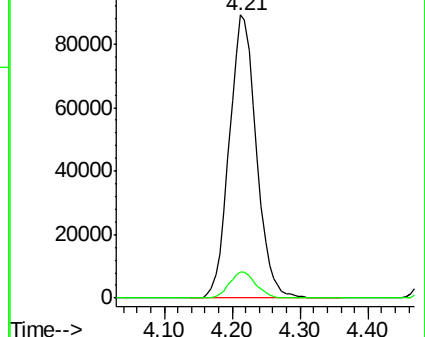
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002120.D (-357) (-)

Ion 77.90 (77.60 to 78.60): VY002120.D (-357) (-)



#18

Methyl Acetate

Concen: 48.060 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002120.D

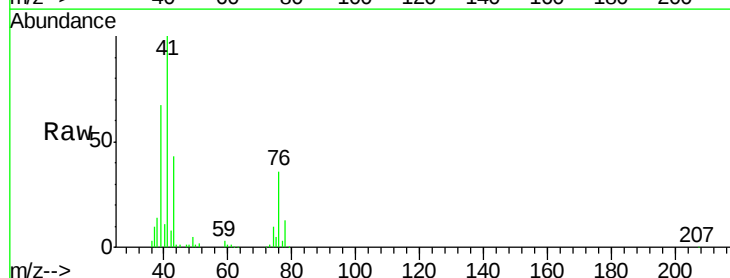
Acq: 27 Mar 2020 20:43

Tgt Ion: 43 Resp: 56088

Ion Ratio Lower Upper

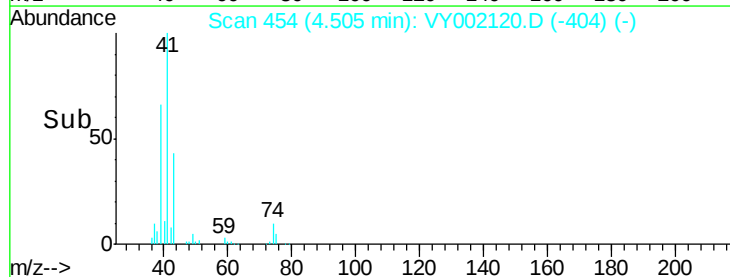
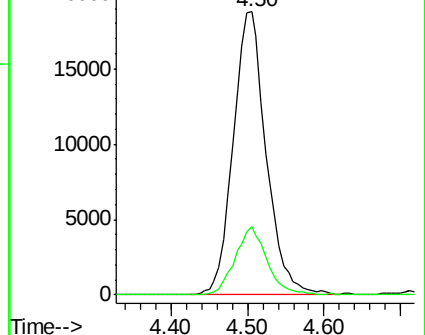
43 100

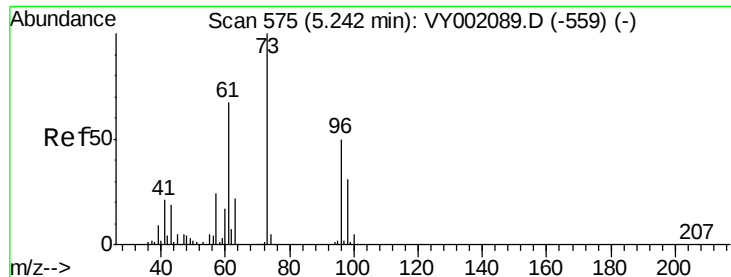
74 23.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002120.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002120.D (-404) (-)

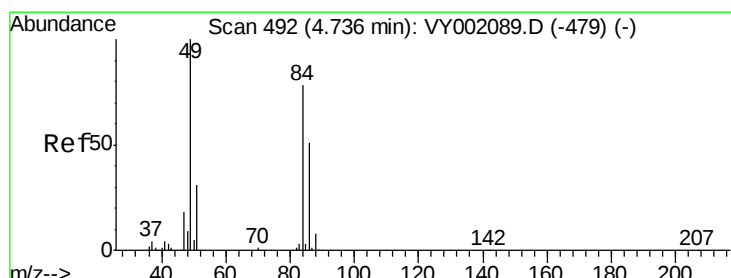
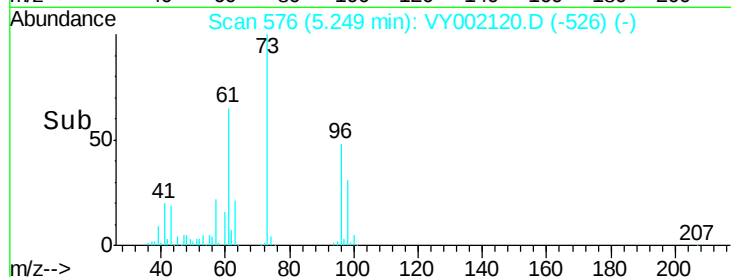
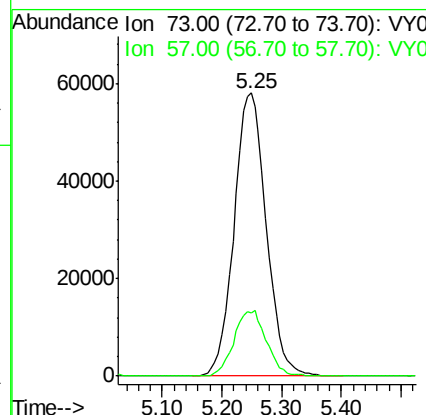
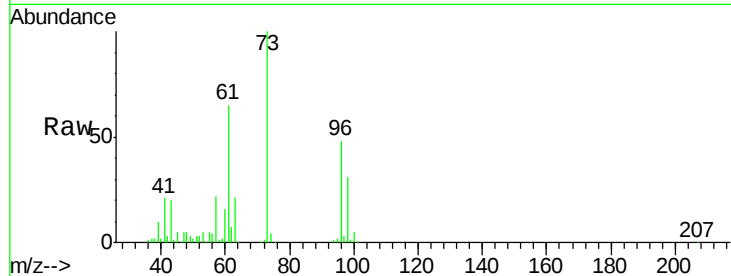




#19
Methyl tert-butyl Ether
Concen: 49.536 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

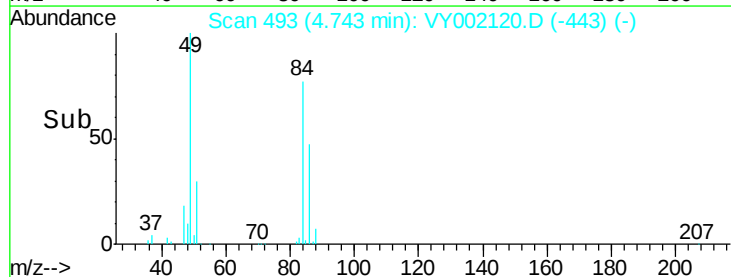
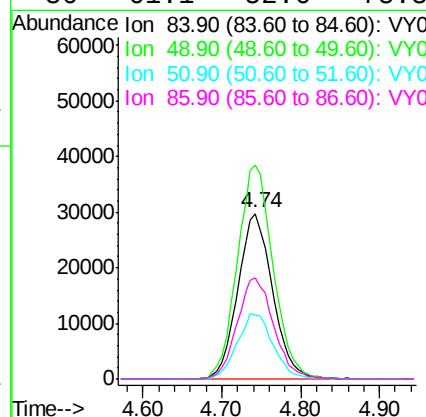
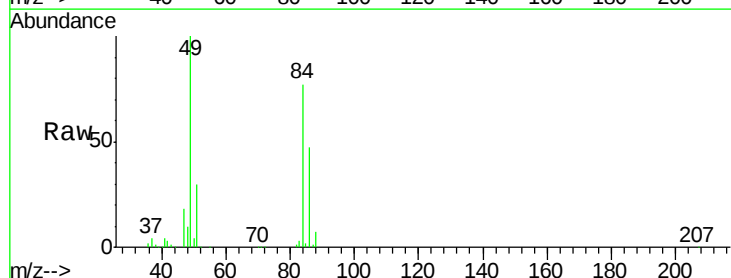
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

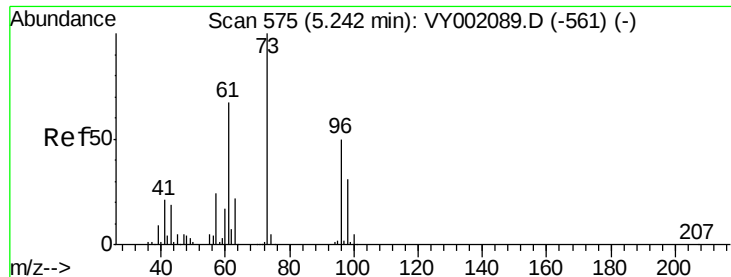
Tgt Ion: 73 Resp: 216980
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6



#20
Methylene Chloride
Concen: 48.931 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 84 Resp: 91250
Ion Ratio Lower Upper
84 100
49 129.1 102.2 153.4
51 38.5 31.2 46.8
86 61.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.820 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

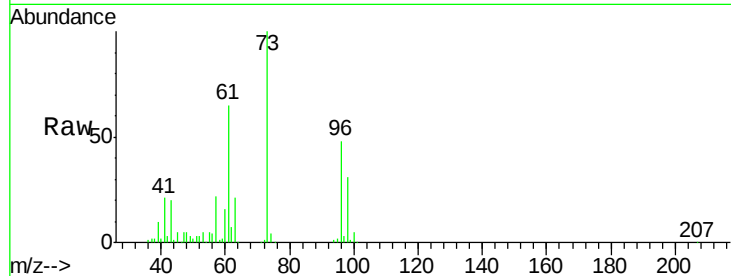
Tgt Ion: 96 Resp: 87279

Ion Ratio Lower Upper

96 100

61 135.5 107.7 161.5

98 65.0 50.5 75.7

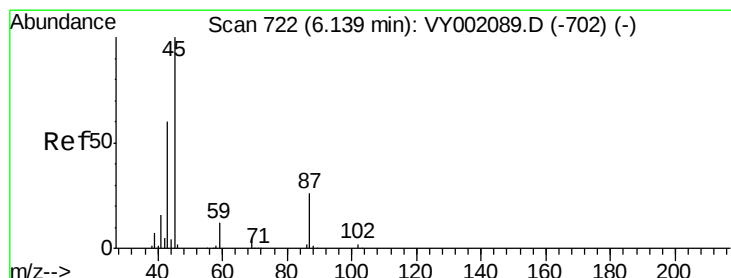
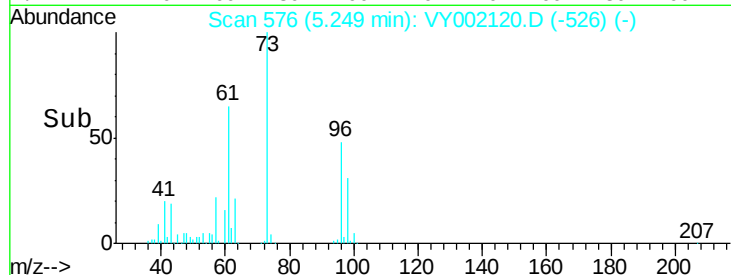
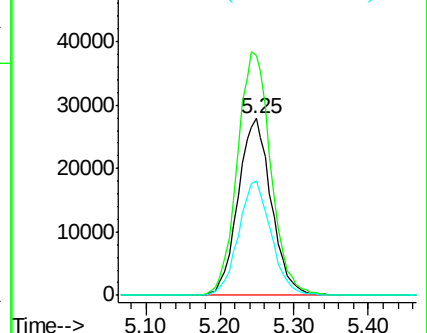


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.382 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion: 45 Resp: 308138

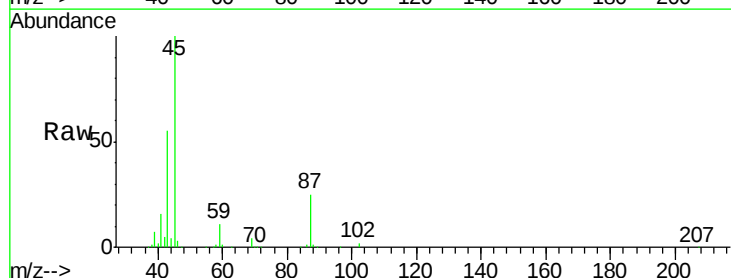
Ion Ratio Lower Upper

45 100

43 54.3 48.1 72.1

87 25.5 21.1 31.7

59 11.3 9.2 13.8



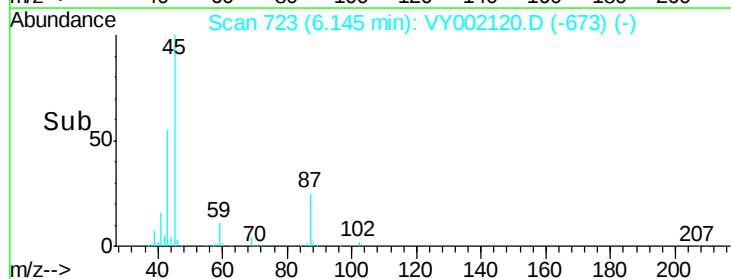
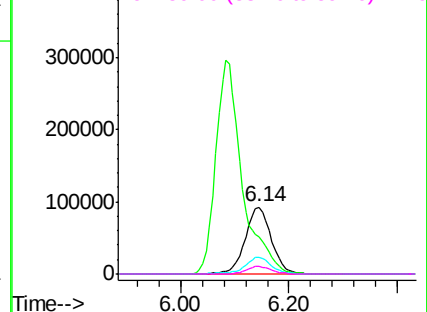
Abundance

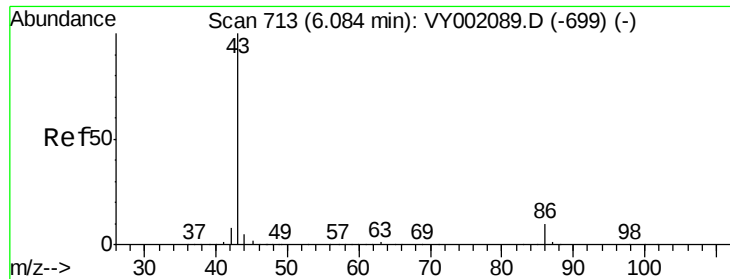
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

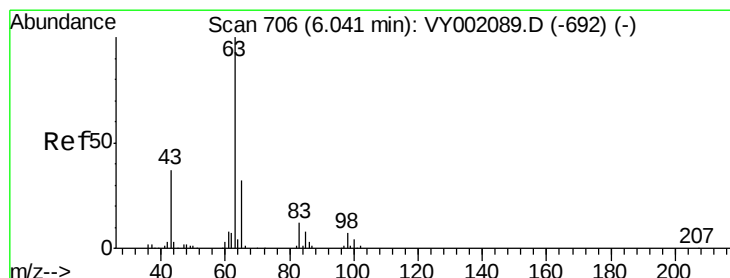
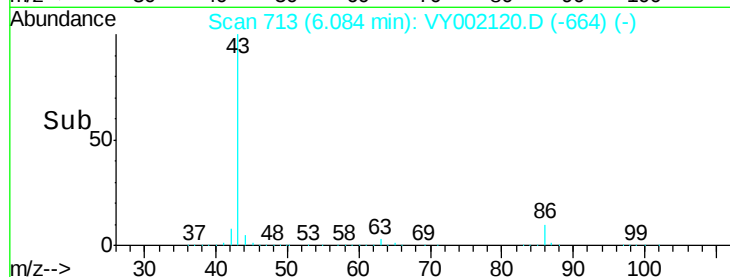
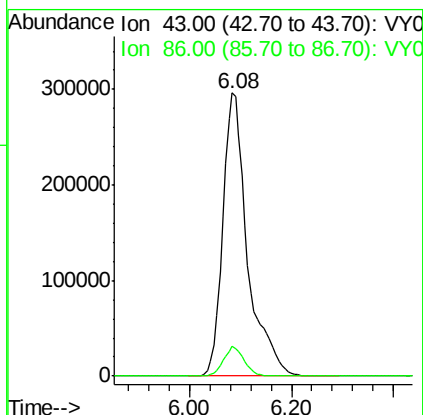
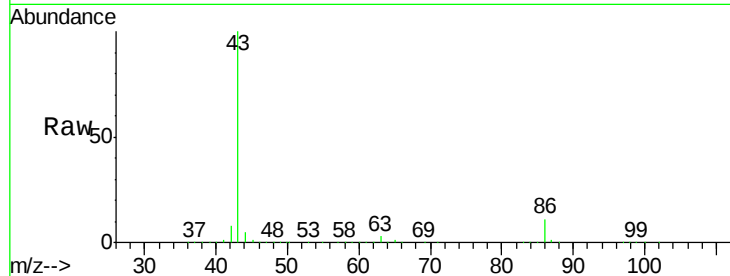




#23
 Vinyl Acetate
 Concen: 257.407 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

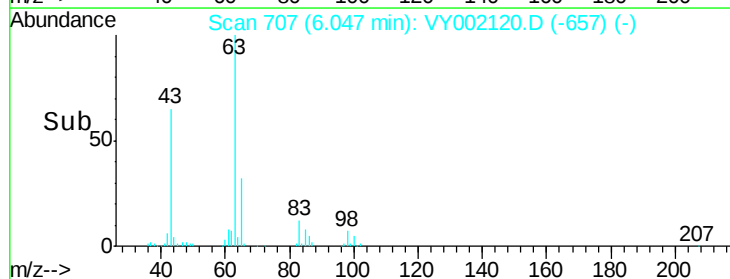
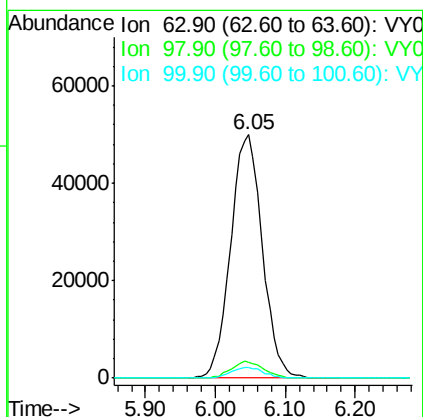
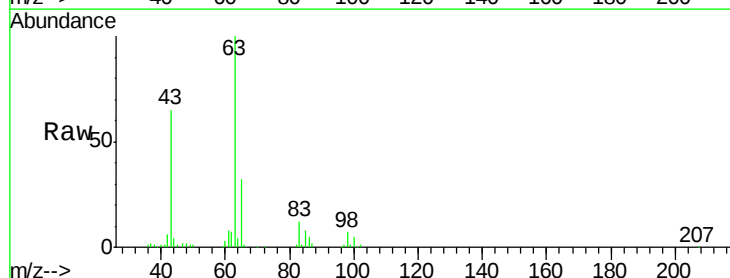
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

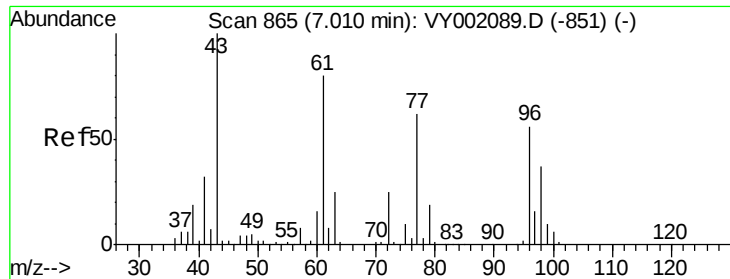
Tgt Ion: 43 Resp: 992910
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.372 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 63 Resp: 157546
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.5 1.8 5.5

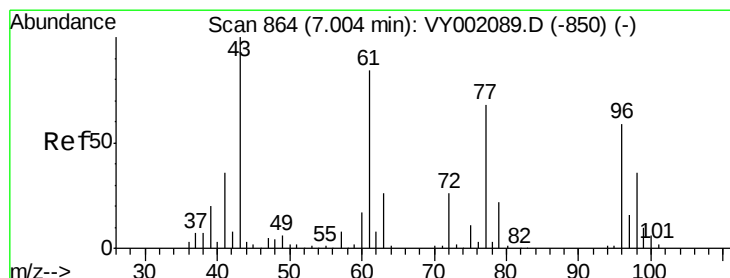
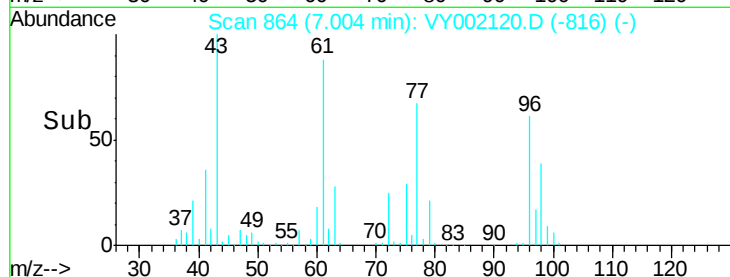
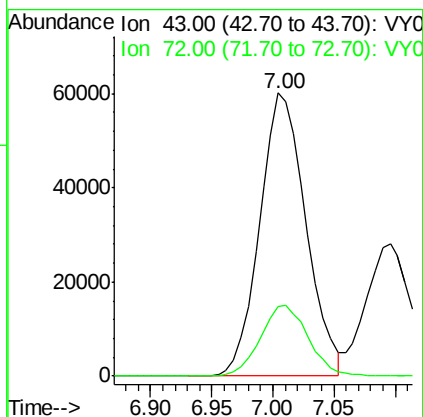
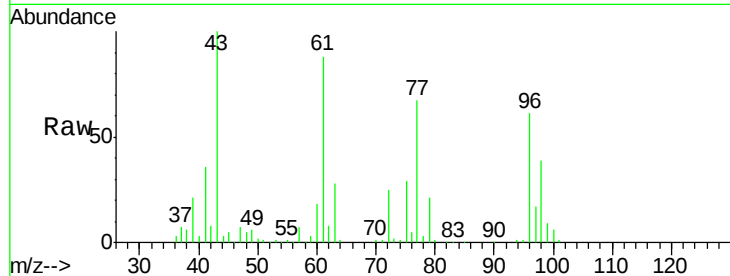




#25
2-Butanone
Concen: 229.149 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

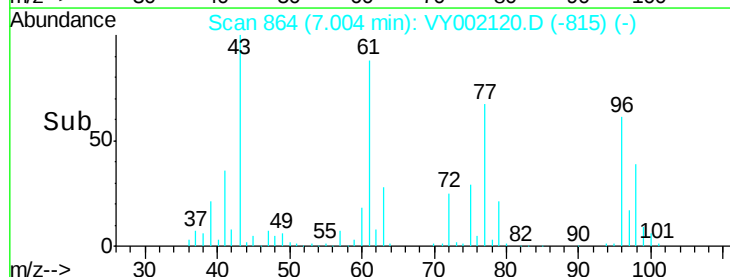
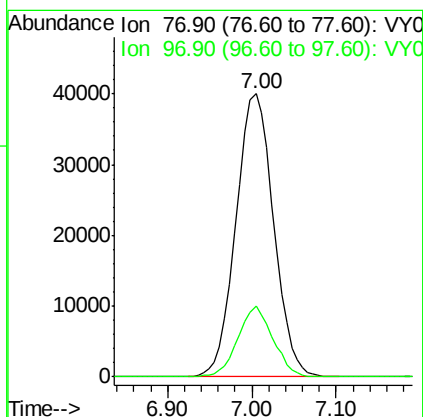
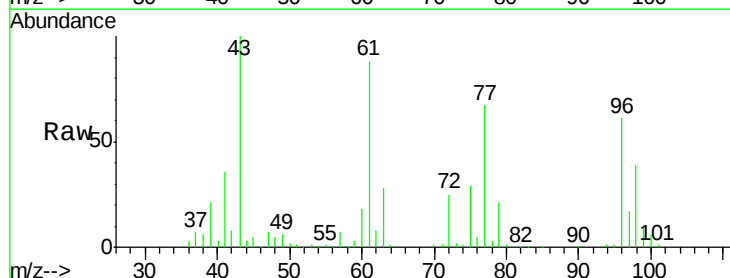
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

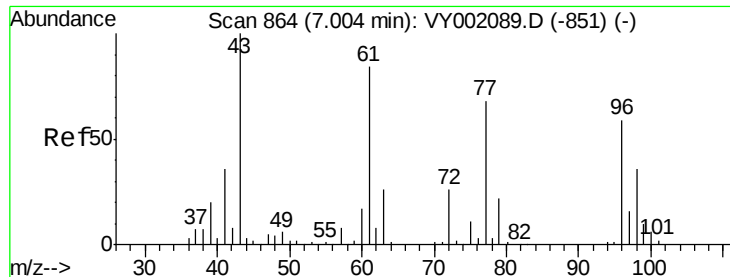
Tgt Ion: 43 Resp: 158134
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.2



#26
2,2-Dichloropropane
Concen: 46.995 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 77 Resp: 121055
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1



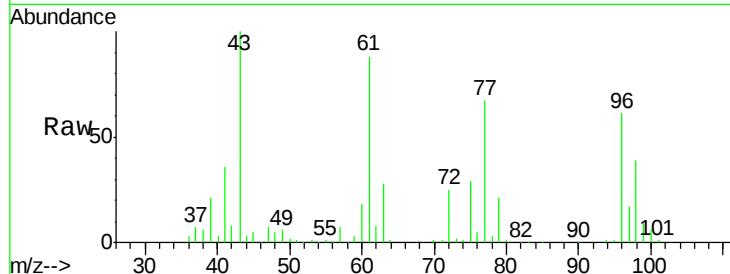


#27

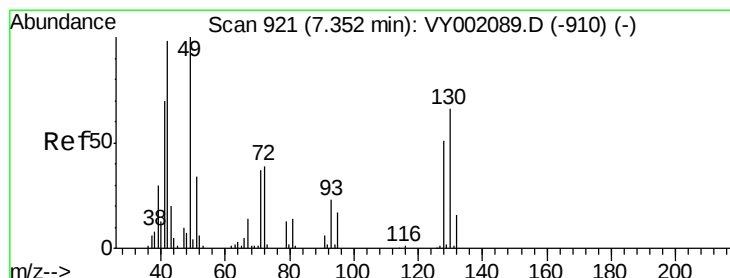
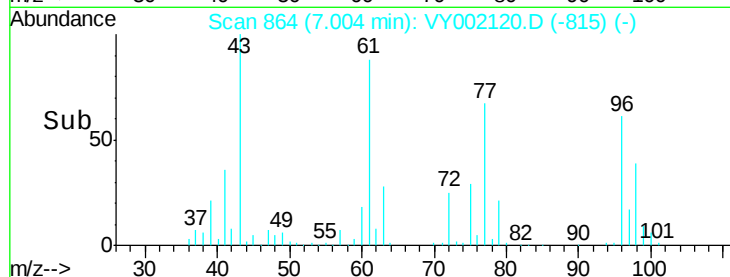
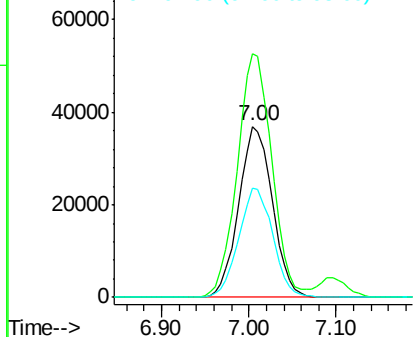
cis-1,2-Dichloroethene
 Concen: 50.410 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 99147
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 290.6
 98 64.2 0.0 128.0



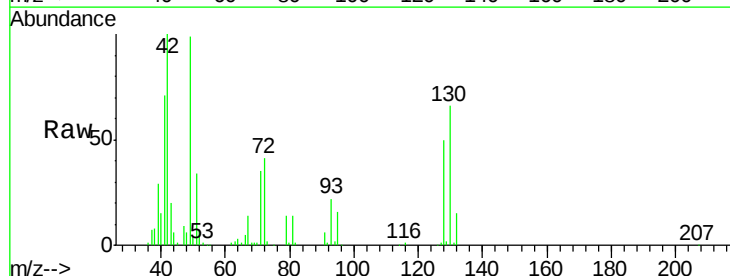
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



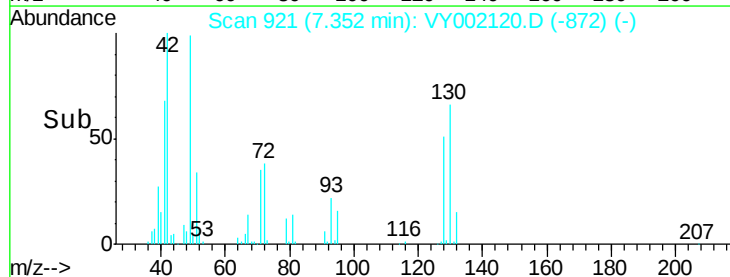
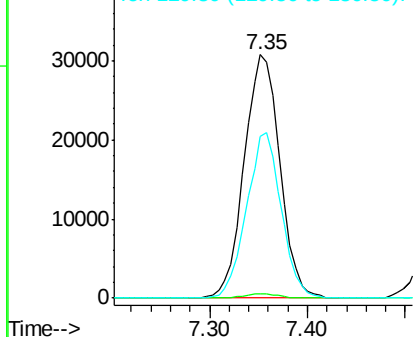
#28

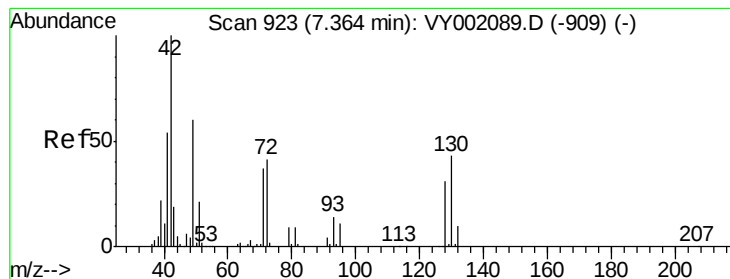
Bromochloromethane
 Concen: 54.595 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 49 Resp: 77956
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 66.0 54.1 81.1



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





#29

Tetrahydrofuran

Concen: 245.426 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

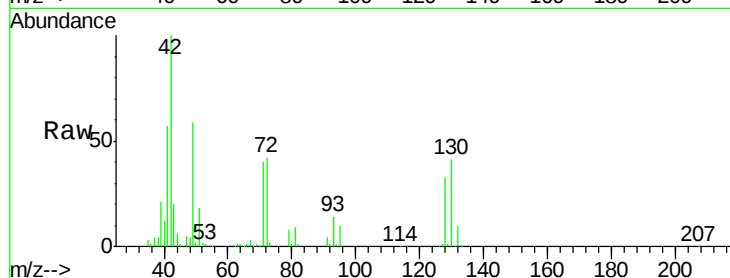
Tgt Ion: 42 Resp: 111043

Ion Ratio Lower Upper

42 100

72 41.4 33.0 49.4

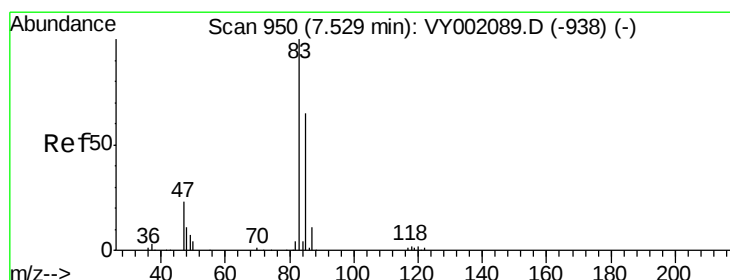
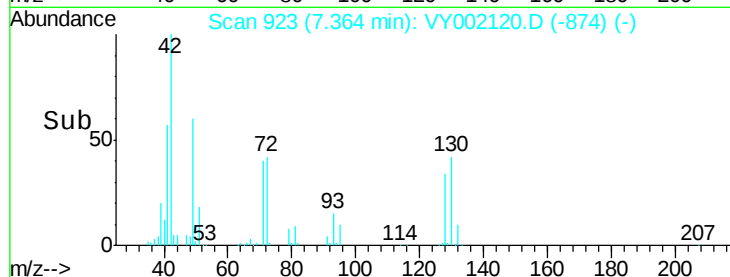
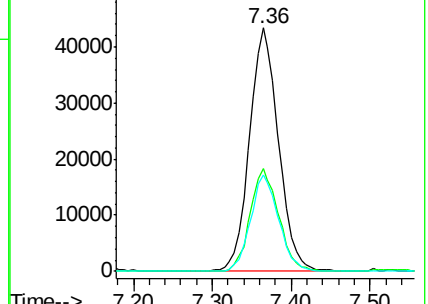
71 38.5 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY002120.D (-874) (-)

Ion 72.00 (71.70 to 72.70): VY002120.D (-874) (-)

Ion 71.00 (70.70 to 71.70): VY002120.D (-874) (-)



#30

Chloroform

Concen: 50.588 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002120.D

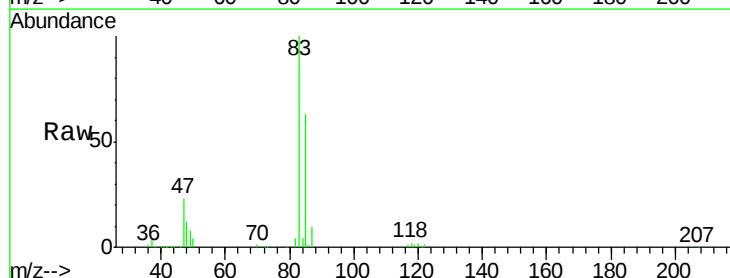
Acq: 27 Mar 2020 20:43

Tgt Ion: 83 Resp: 149972

Ion Ratio Lower Upper

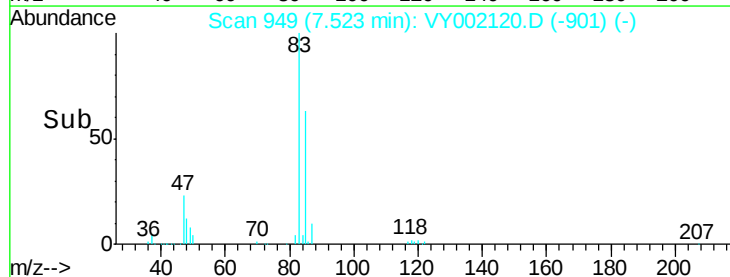
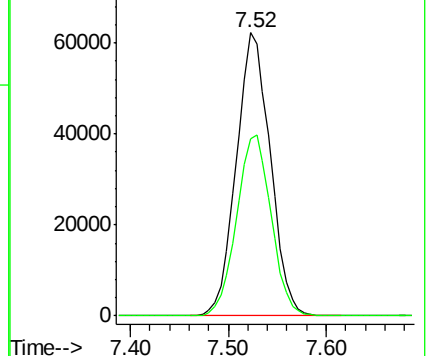
83 100

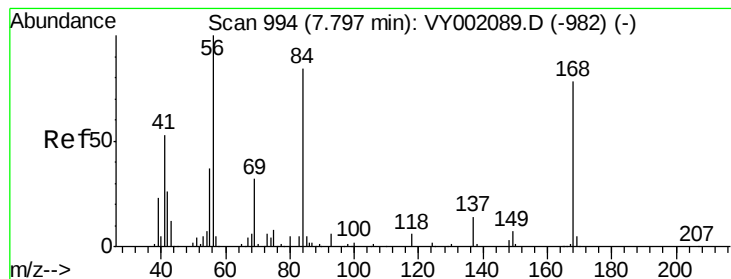
85 62.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY002120.D (-901) (-)

Ion 84.90 (84.60 to 85.60): VY002120.D (-901) (-)





#31

Cyclohexane

Concen: 46.557 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

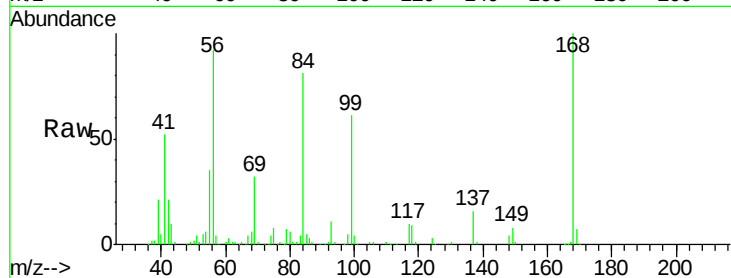
Tgt Ion: 56 Resp: 155161

Ion Ratio Lower Upper

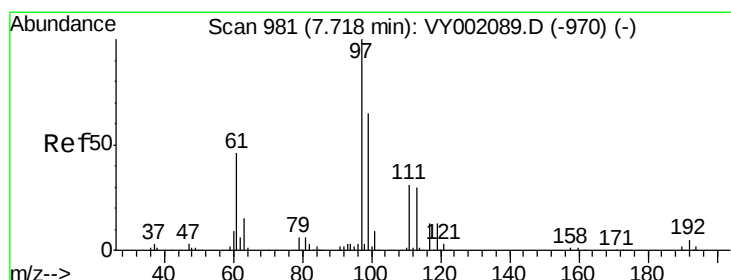
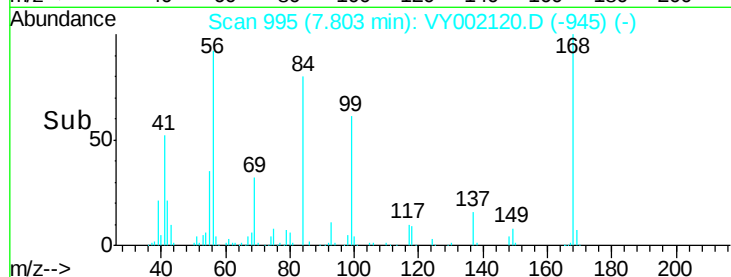
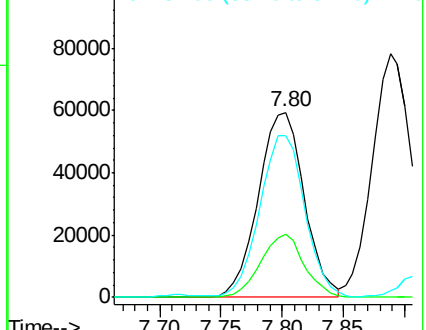
56 100

69 34.2 25.8 38.8

84 86.3 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 50.120 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

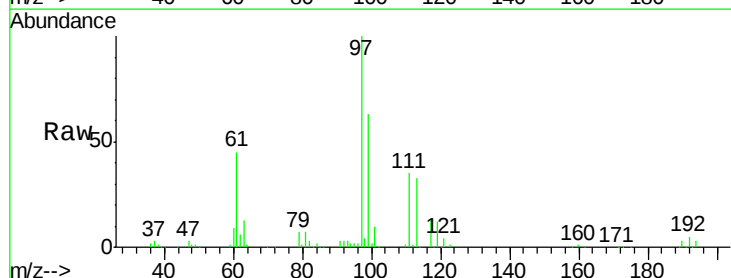
Tgt Ion: 97 Resp: 124057

Ion Ratio Lower Upper

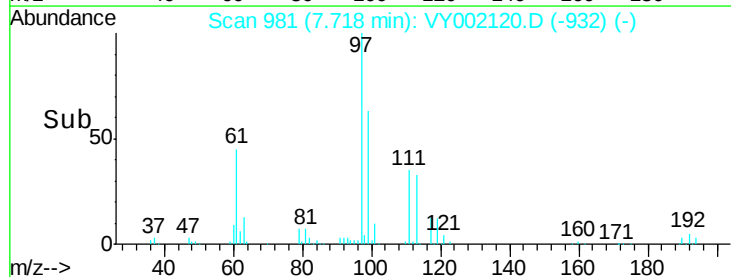
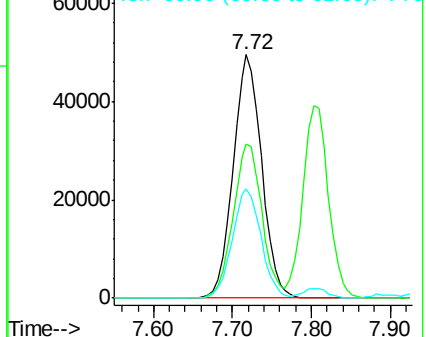
97 100

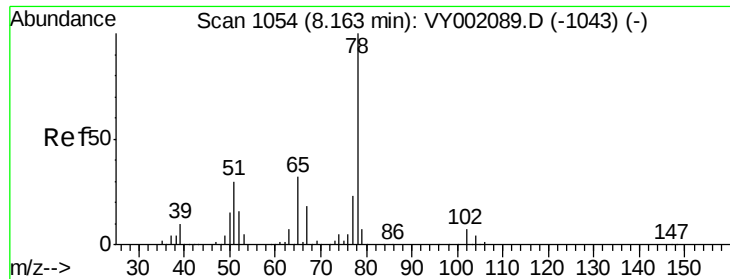
99 64.3 52.0 78.0

61 45.3 35.7 53.5



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: 51.592 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

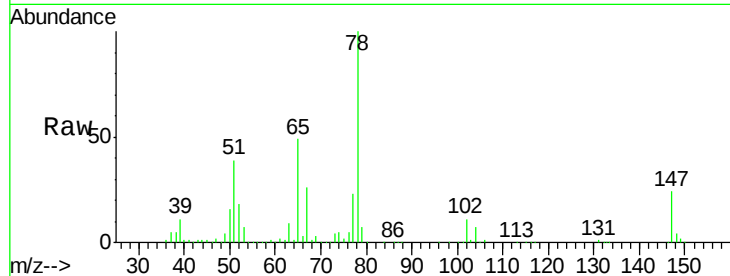
VSTDCCC050EC

Tgt Ion: 65 Resp: 82530

Ion Ratio Lower Upper

65 100

67 57.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002120.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002120.D (-1005) (-)

8.16

40000

30000

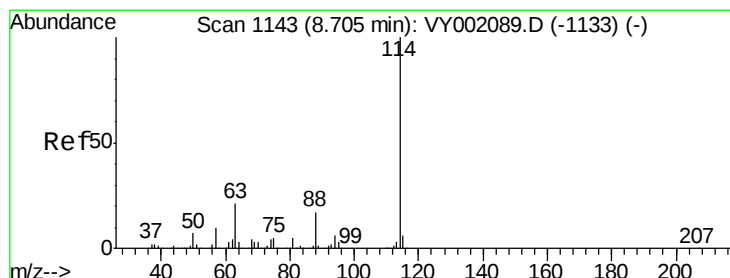
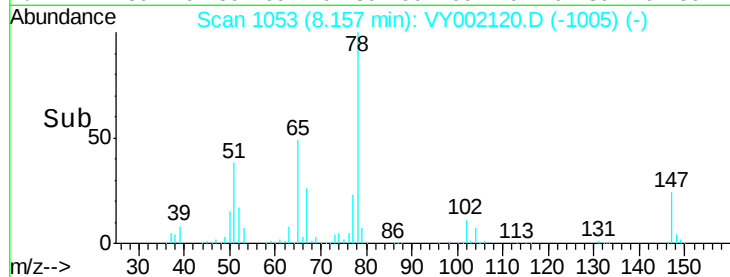
20000

10000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

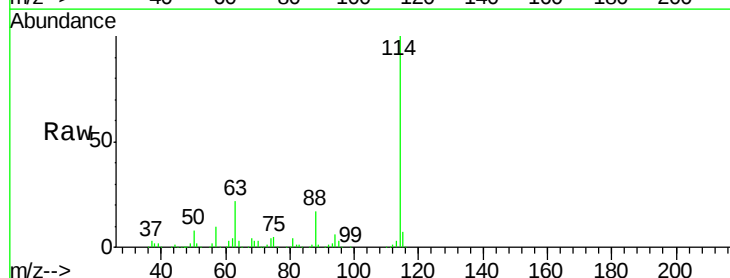
Tgt Ion: 114 Resp: 269058

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.4

88 16.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002120.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002120.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002120.D (-1094) (-)

8.70

150000

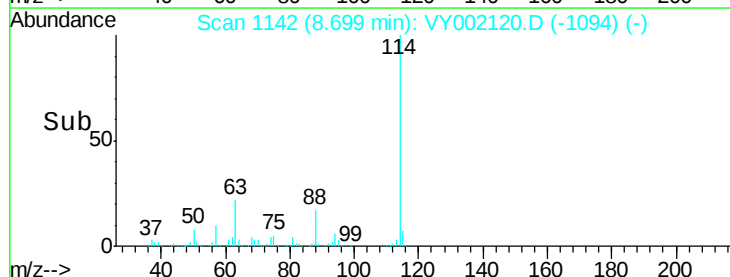
100000

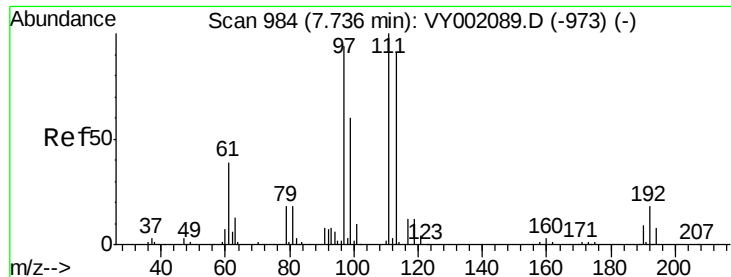
50000

0

Time-->

8.60 8.70 8.80

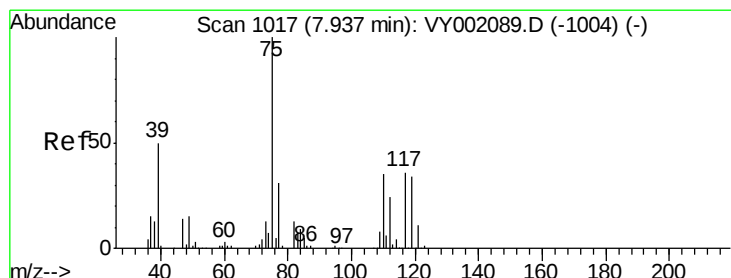
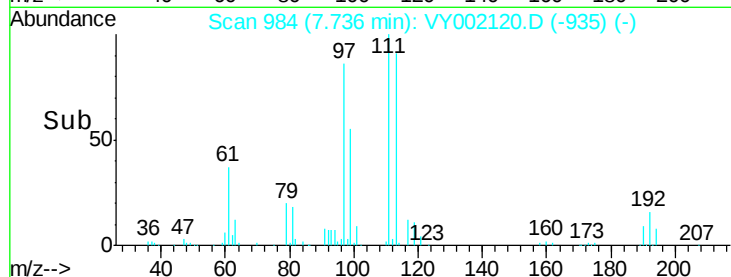
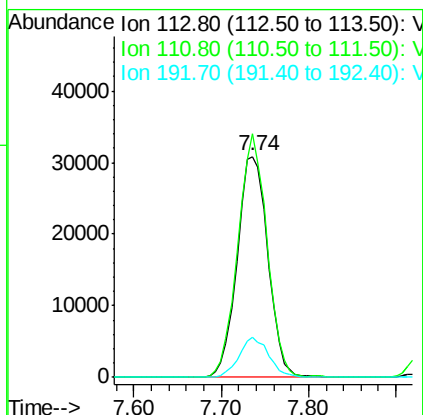
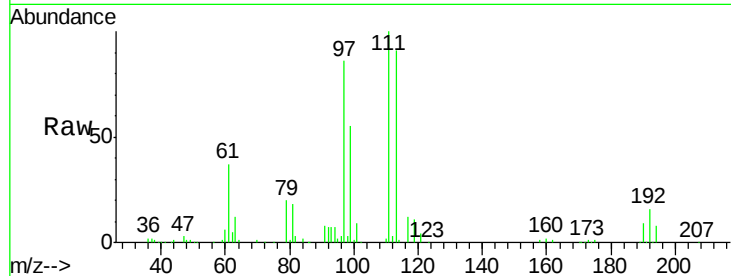




#35
 Dibromofluoromethane
 Concen: 50.075 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

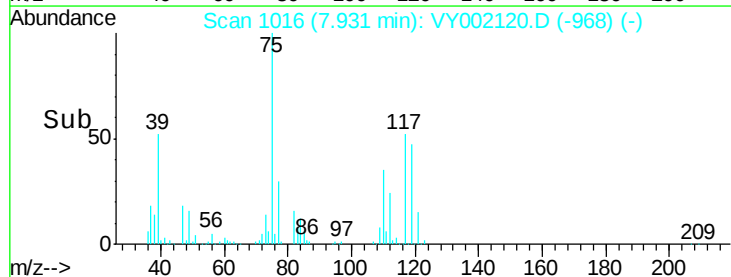
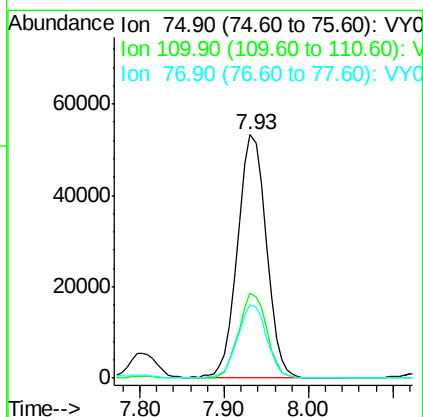
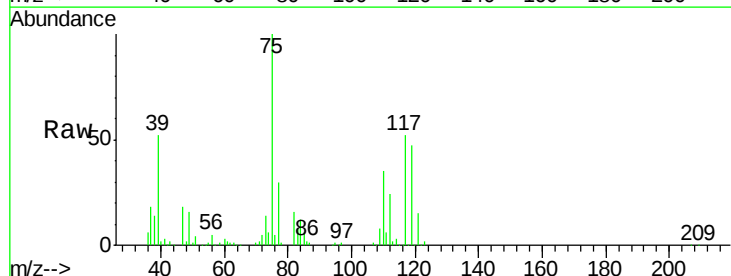
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

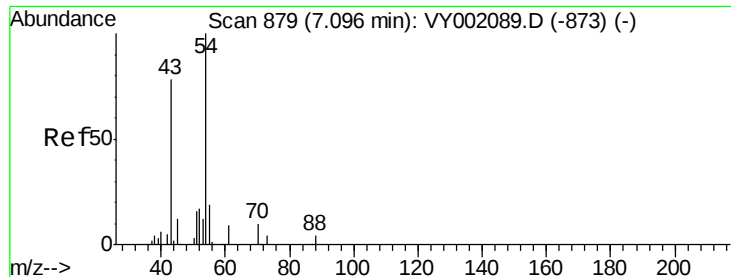
Tgt Ion: 113 Resp: 75491
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.4 126.6
 192 17.4 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 48.296 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 75 Resp: 122909
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.2 51.6
 77 30.5 24.7 37.1

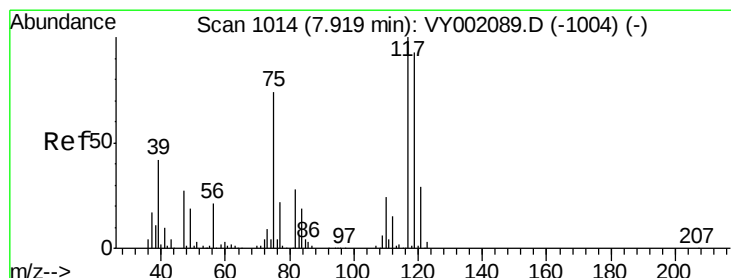
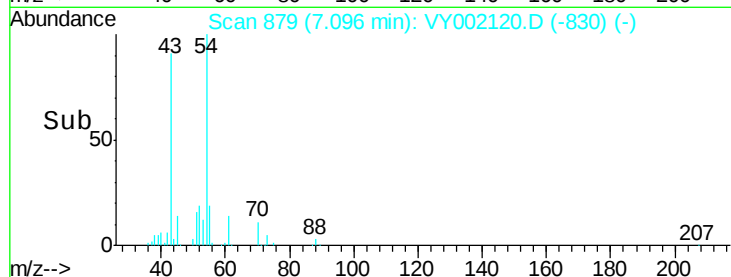
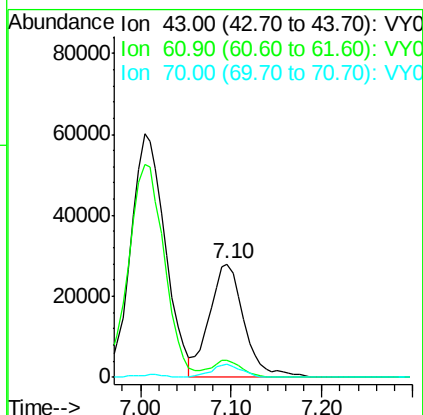
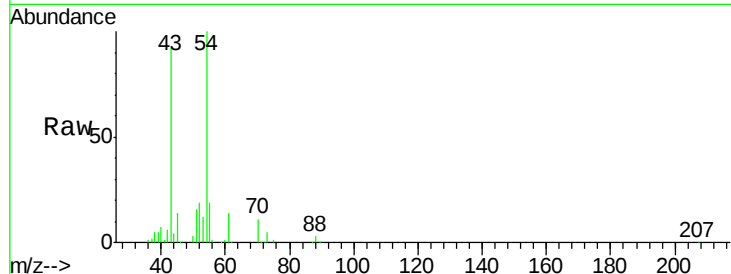




#37
Ethyl Acetate
Concen: 48.739 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

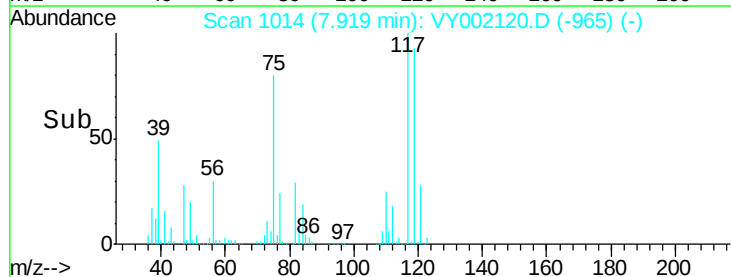
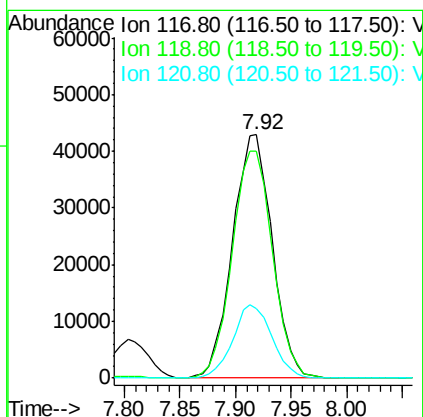
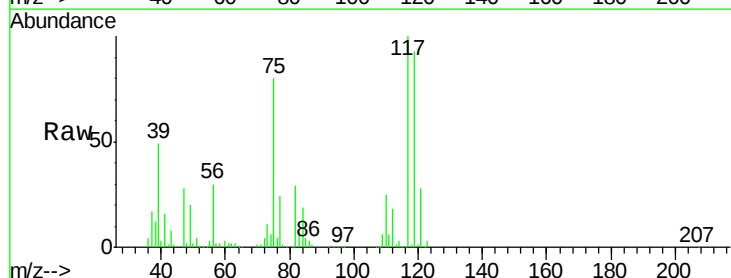
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

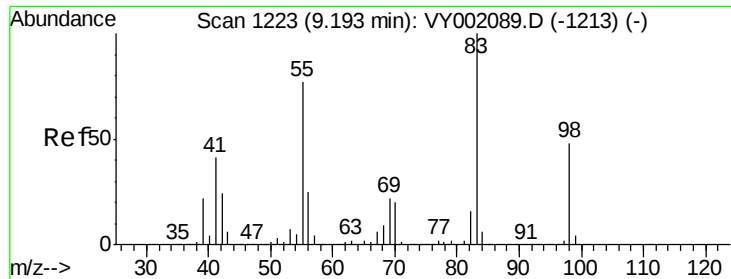
Tgt Ion: 43 Resp: 74956
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.141 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 117 Resp: 106103
Ion Ratio Lower Upper
117 100
119 93.1 74.3 111.5
121 28.4 23.3 34.9

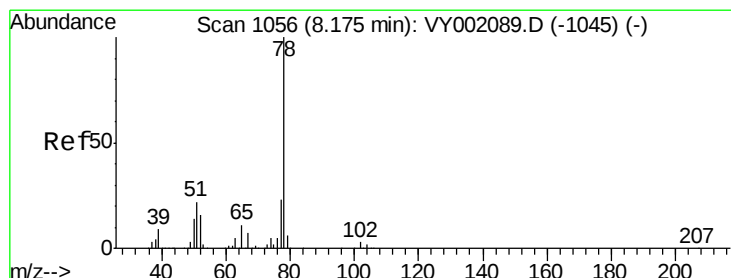
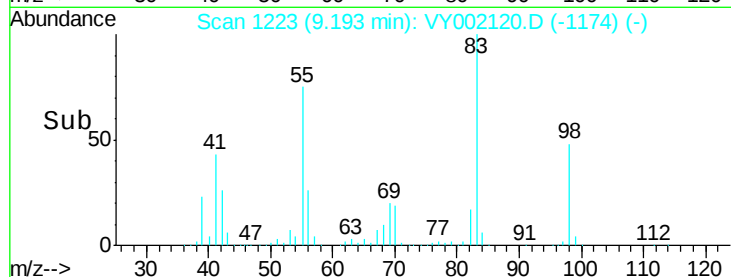
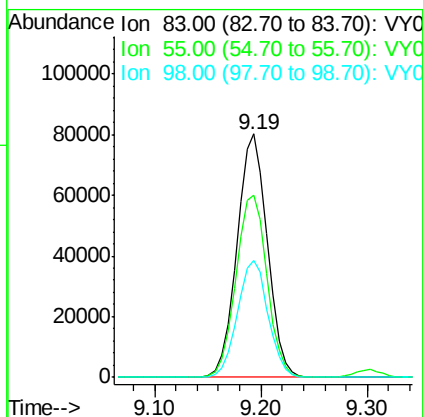
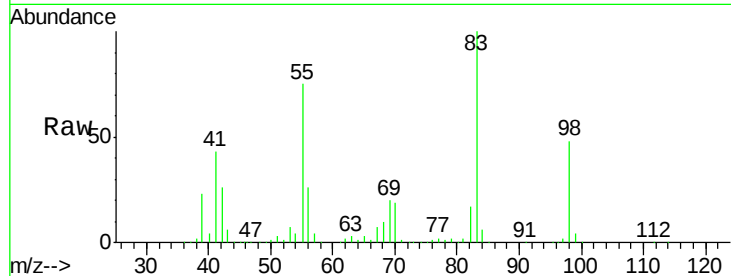




#39
Methylcyclohexane
Concen: 48.068 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

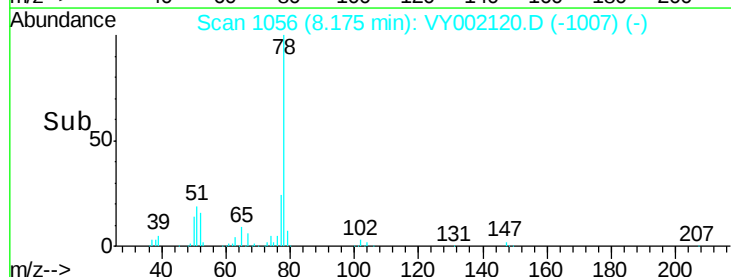
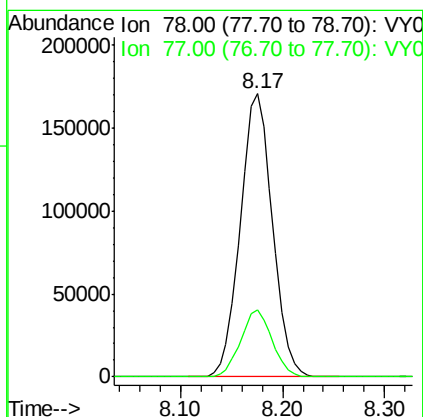
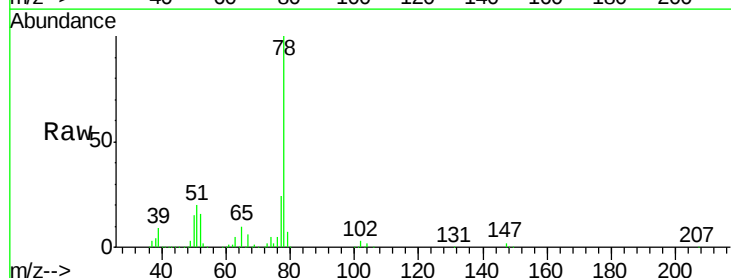
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

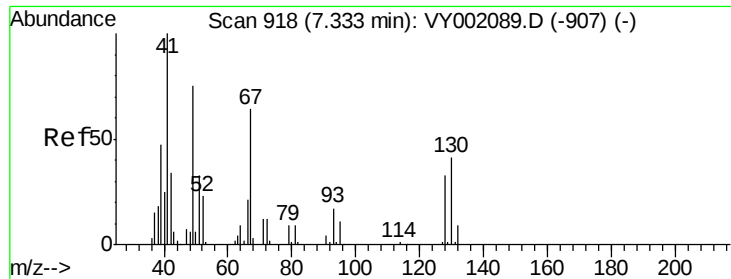
Tgt Ion: 83 Resp: 160459
Ion Ratio Lower Upper
83 100
55 74.9 61.2 91.8
98 48.1 38.2 57.2



#40
Benzene
Concen: 49.552 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 78 Resp: 373543
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.4





#41

Methacrylonitrile

Concen: 128.168 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 99703

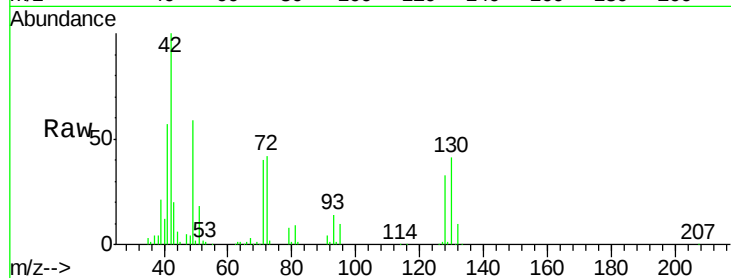
Ion Ratio Lower Upper

41 100

39 43.7 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

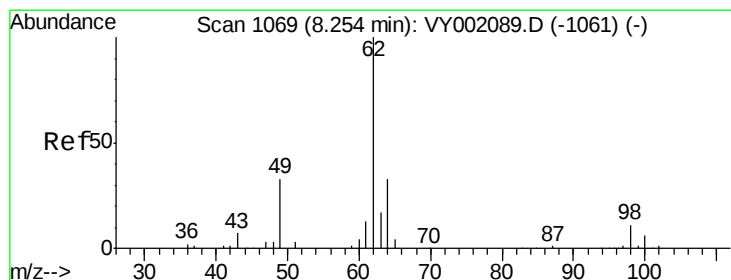
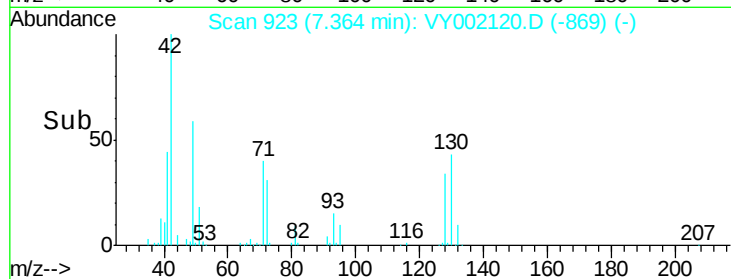
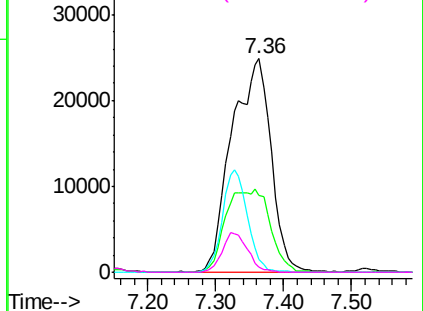


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.432 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002120.D

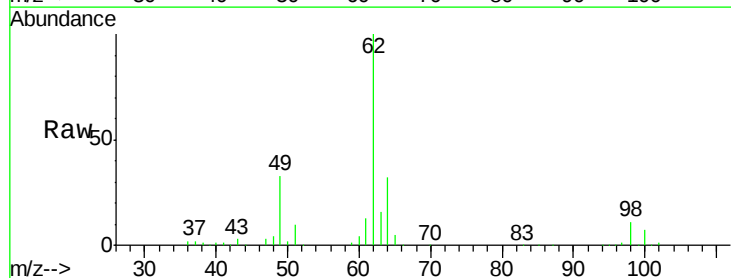
Acq: 27 Mar 2020 20:43

Tgt Ion: 62 Resp: 98931

Ion Ratio Lower Upper

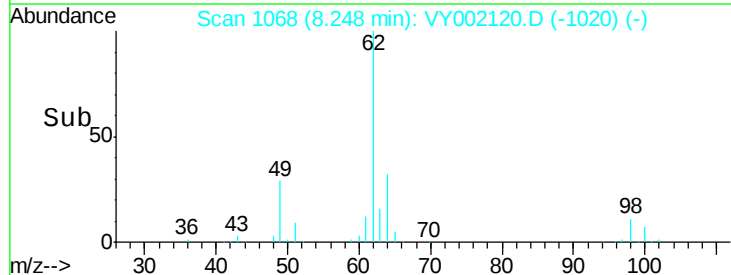
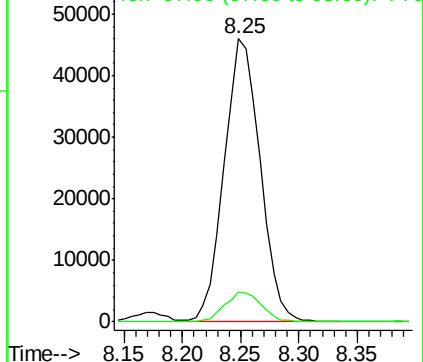
62 100

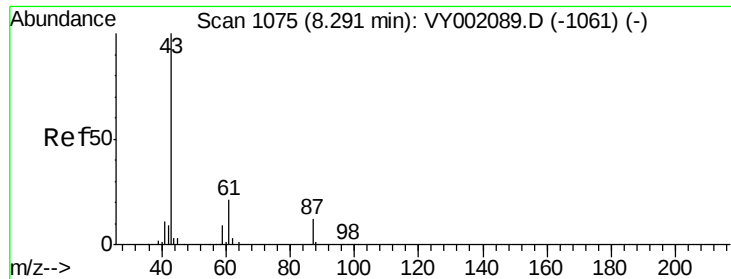
98 10.8 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

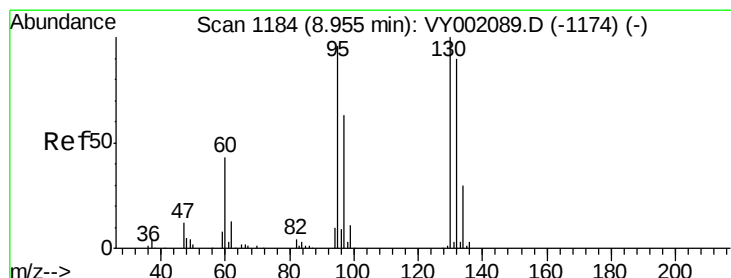
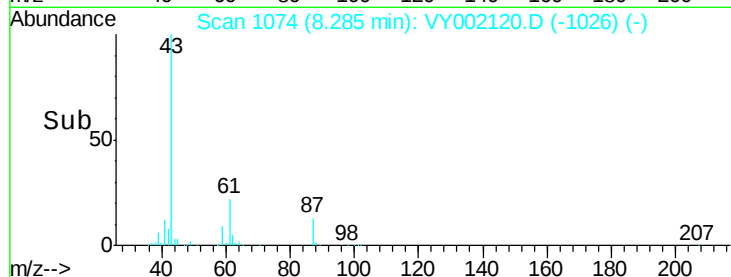
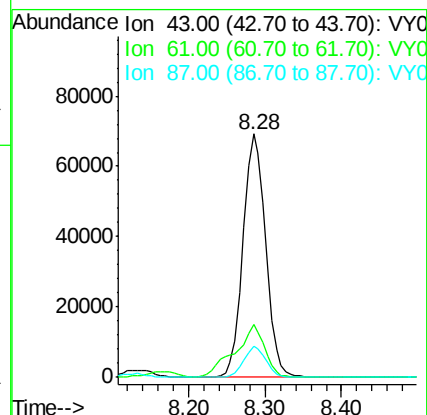
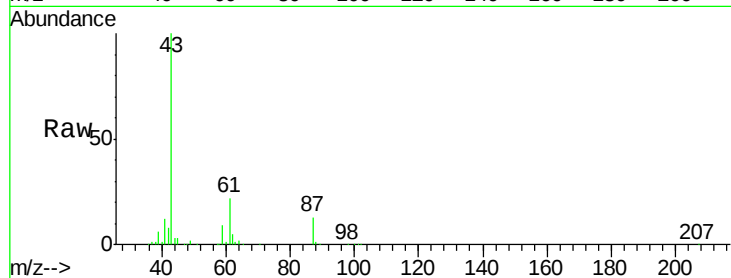




#43
Isopropyl Acetate
Concen: 49.717 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

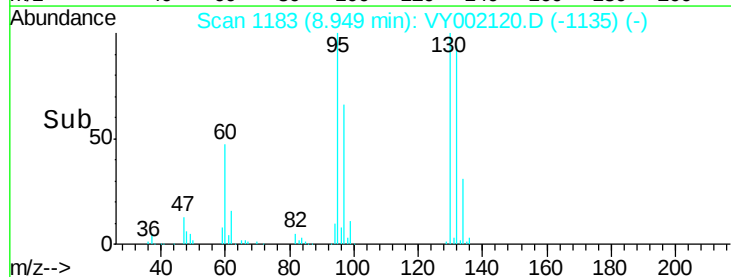
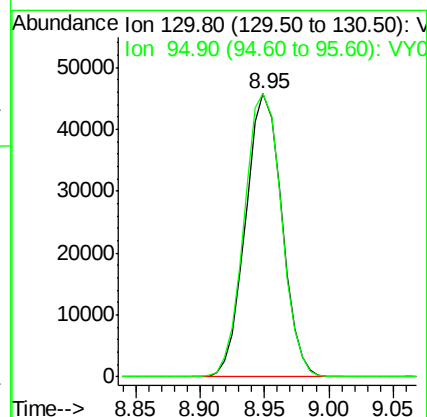
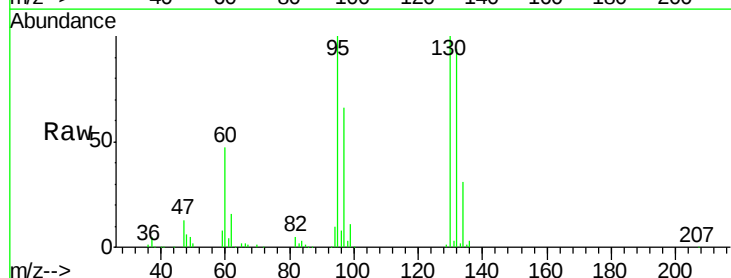
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

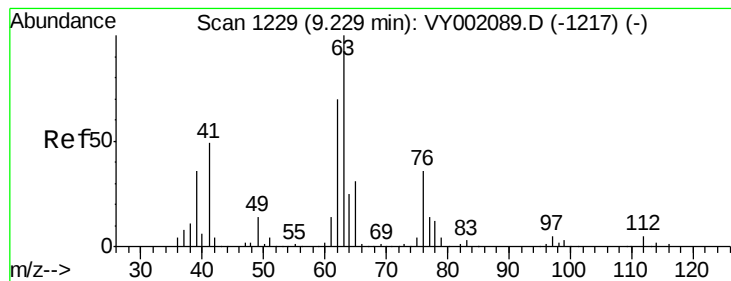
Tgt Ion: 43 Resp: 141913
Ion Ratio Lower Upper
43 100
61 28.4 23.4 35.2
87 12.5 10.2 15.4



#44
Trichloroethene
Concen: 49.061 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 130 Resp: 89151
Ion Ratio Lower Upper
130 100
95 100.1 0.0 193.0





#45

1,2-Dichloropropane

Concen: 50.821 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

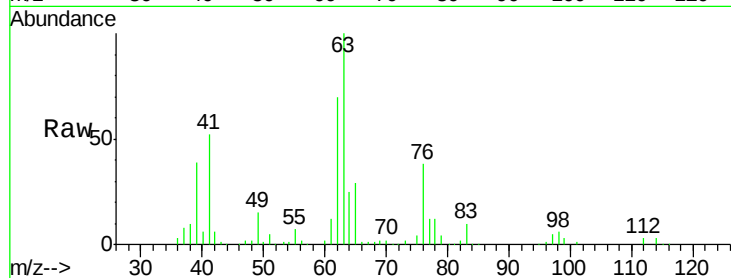
VSTDCCC050EC

Tgt Ion: 63 Resp: 97548

Ion Ratio Lower Upper

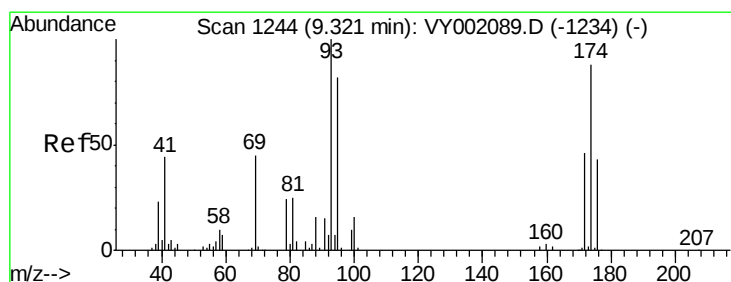
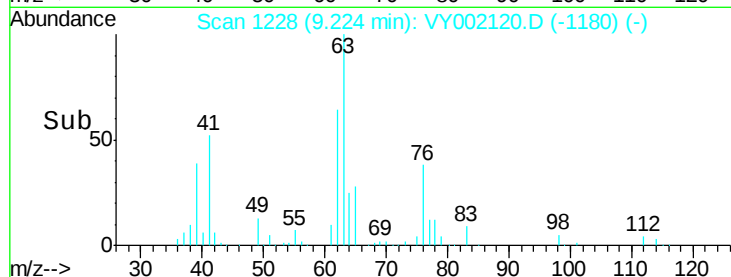
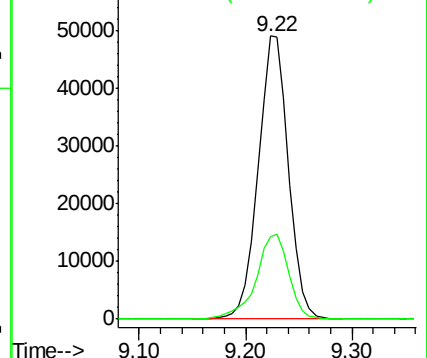
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.403 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

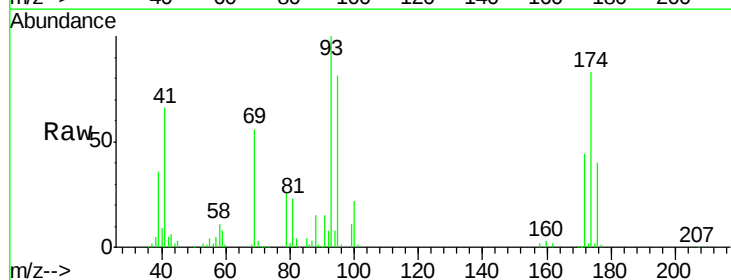
Tgt Ion: 93 Resp: 49684

Ion Ratio Lower Upper

93 100

95 81.8 66.0 99.0

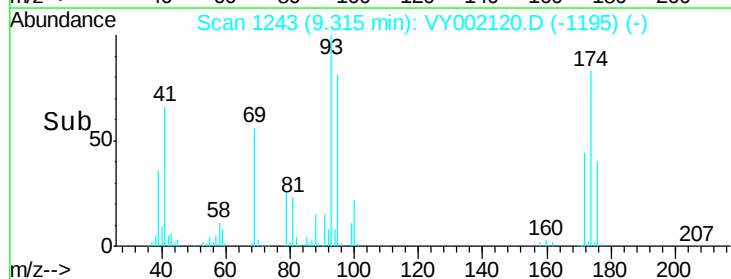
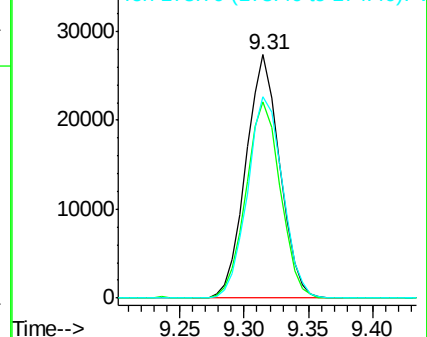
174 85.2 69.8 104.8

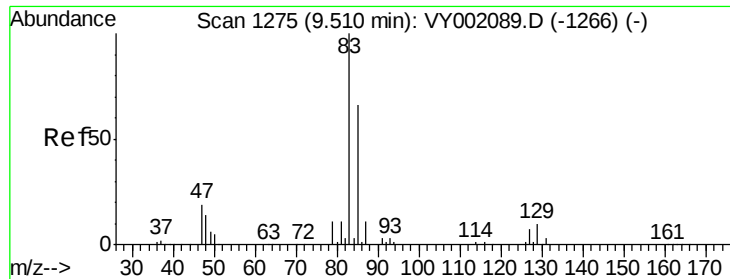


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.940 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

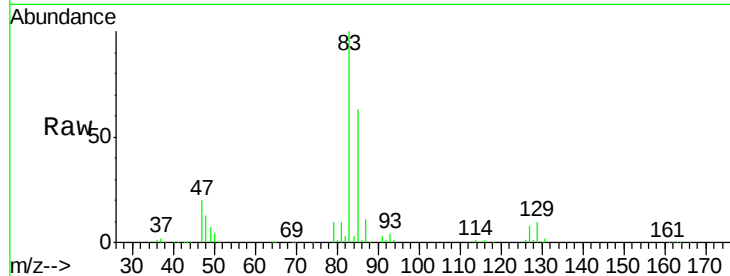
Tgt Ion: 83 Resp: 119189

Ion Ratio Lower Upper

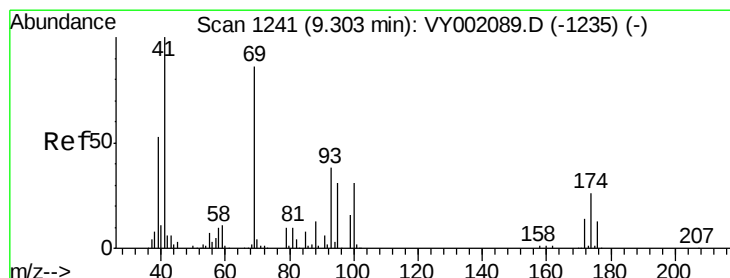
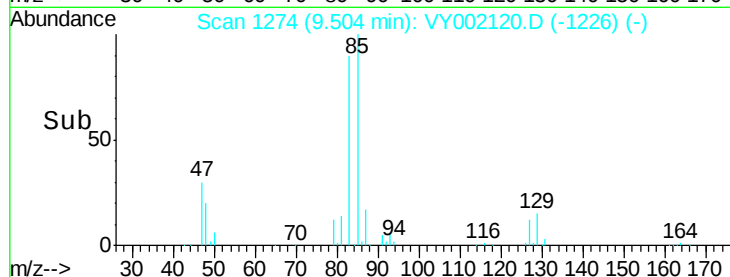
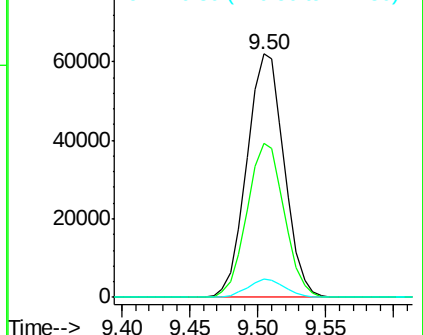
83 100

85 63.1 52.6 79.0

127 7.6 5.9 8.9



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



#48

Methyl methacrylate

Concen: 49.301 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

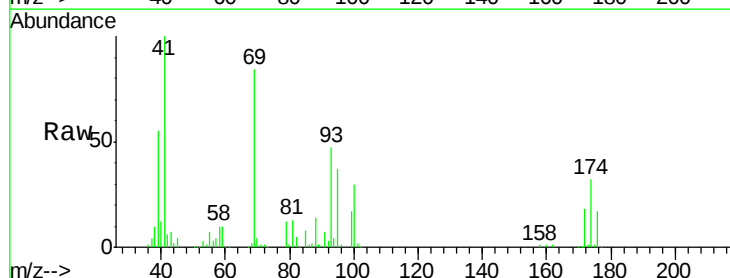
Tgt Ion: 41 Resp: 63063

Ion Ratio Lower Upper

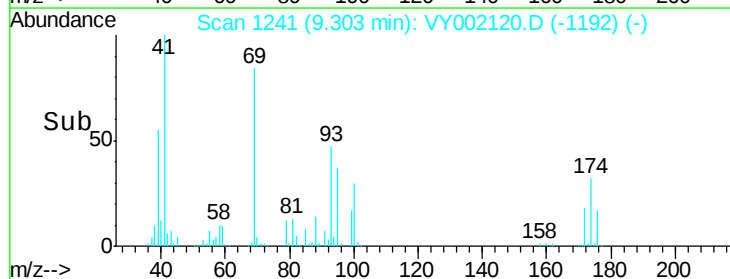
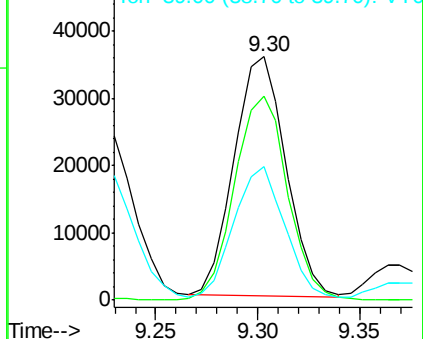
41 100

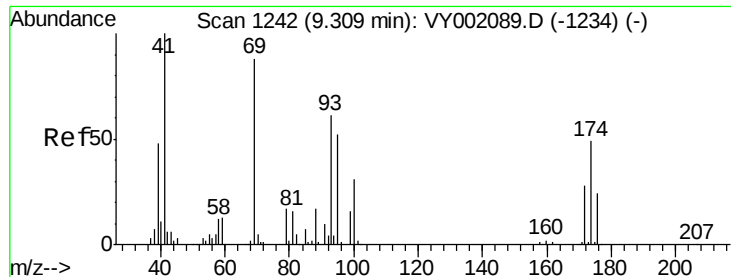
69 86.7 71.4 107.0

39 55.9 41.0 61.4



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: 976.288 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

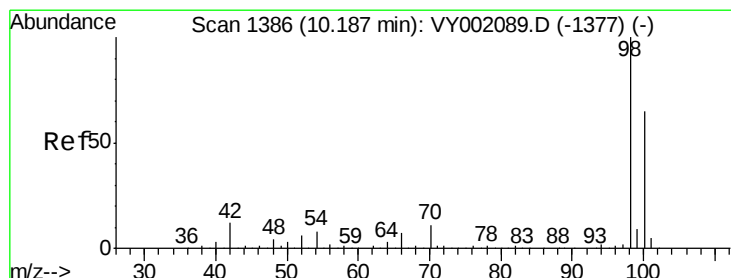
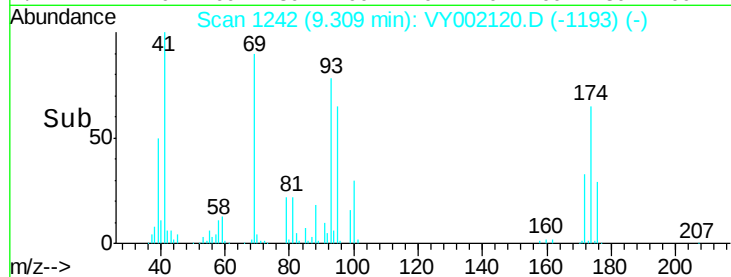
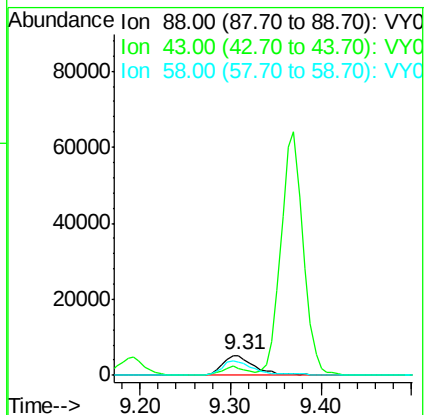
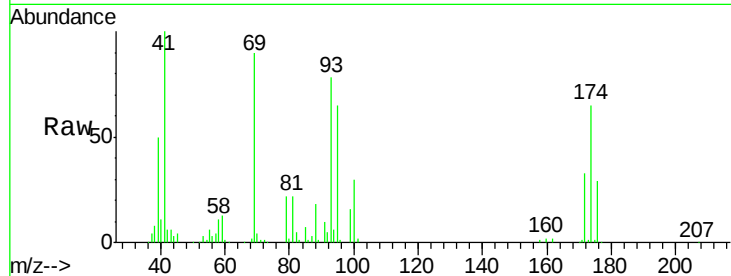
Tgt Ion: 88 Resp: 13206

Ion Ratio Lower Upper

88 100

43 31.8 27.2 40.8

58 67.2 59.8 89.8



#50

Toluene-d8

Concen: 50.083 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002120.D

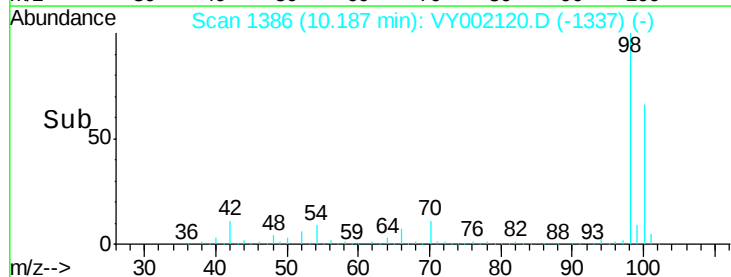
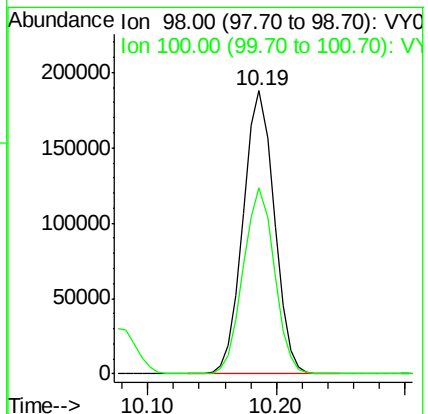
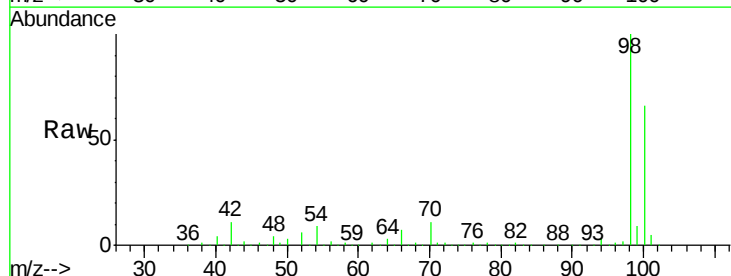
Acq: 27 Mar 2020 20:43

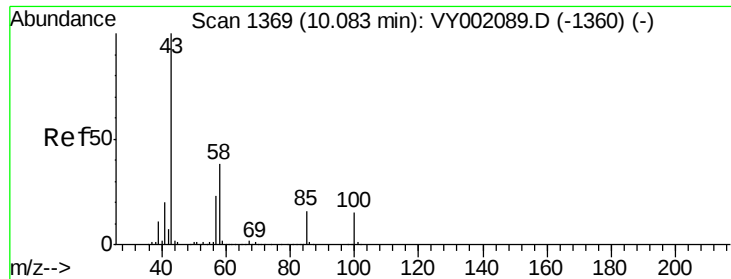
Tgt Ion: 98 Resp: 313658

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4

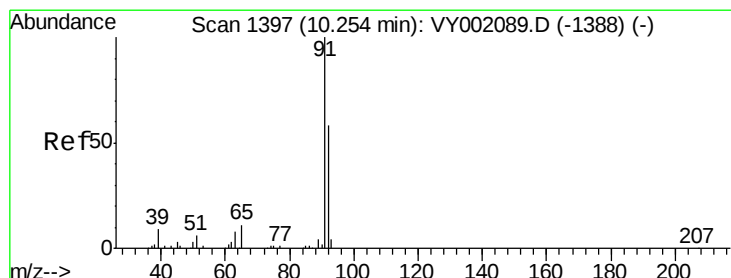
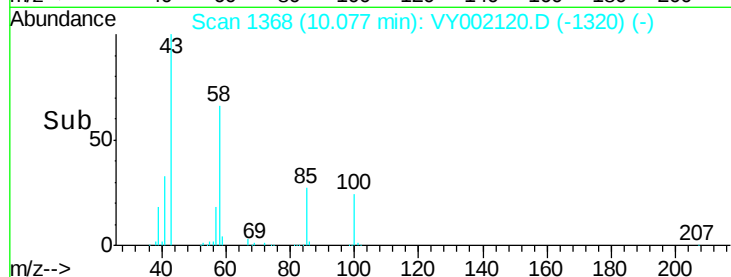
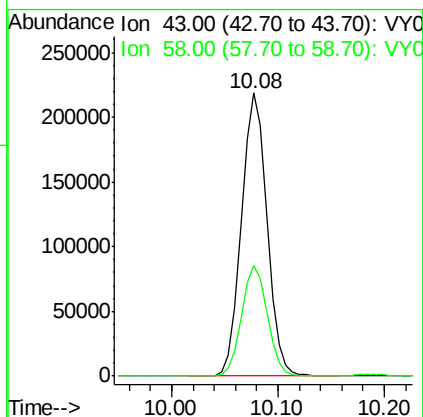
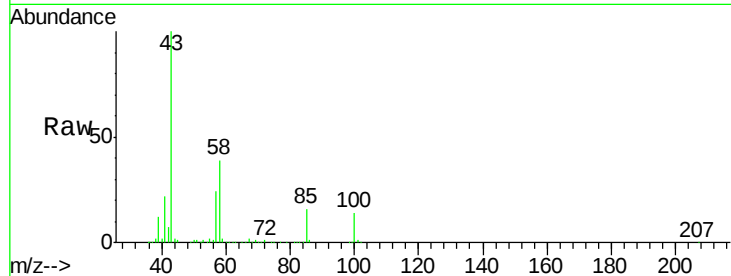




#51
 4-Methyl-2-Pentanone
 Concen: 251.792 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

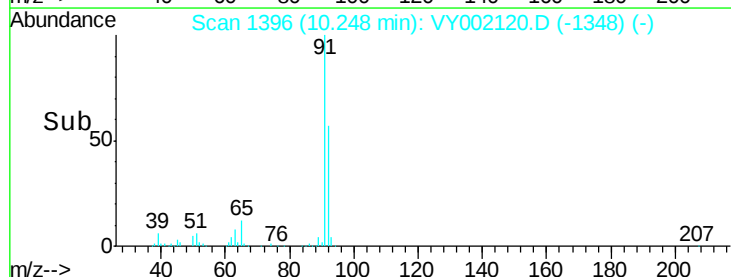
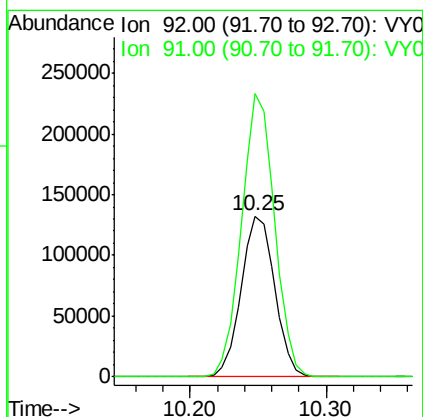
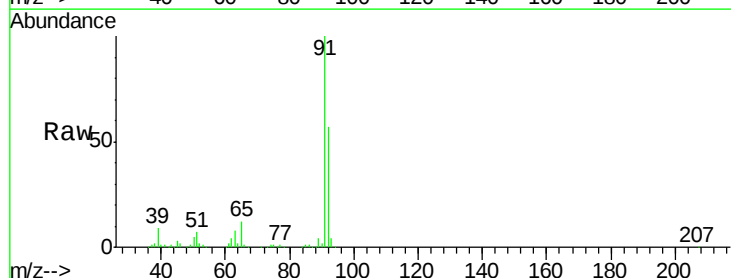
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

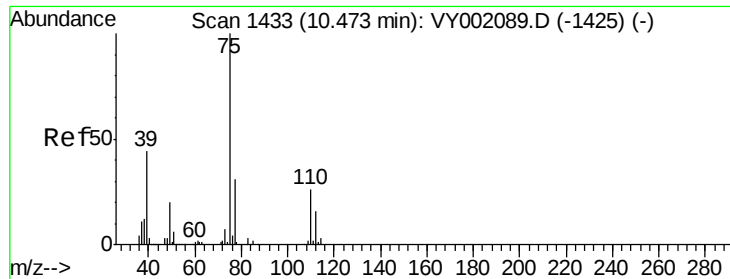
Tgt Ion: 43 Resp: 370082
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.6 47.4



#52
 Toluene
 Concen: 50.057 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 92 Resp: 228230
 Ion Ratio Lower Upper
 92 100
 91 173.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 50.945 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

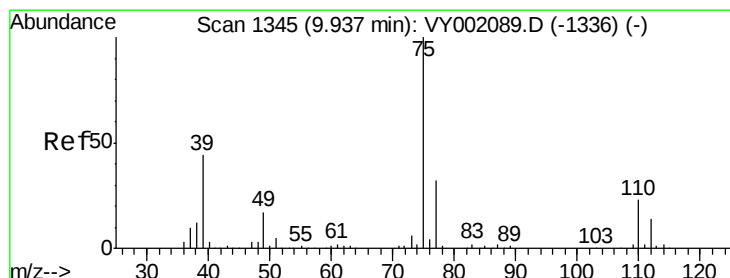
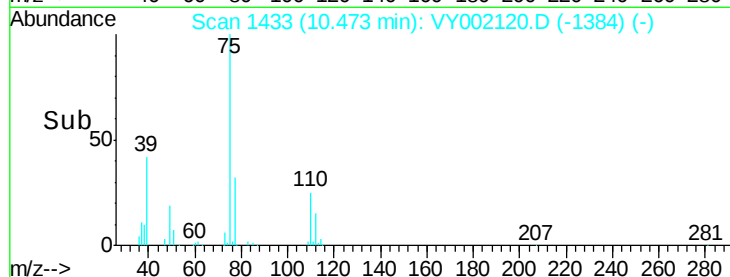
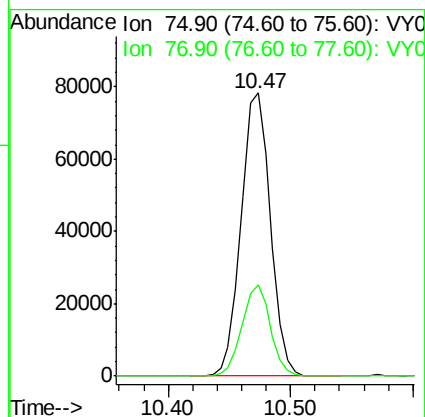
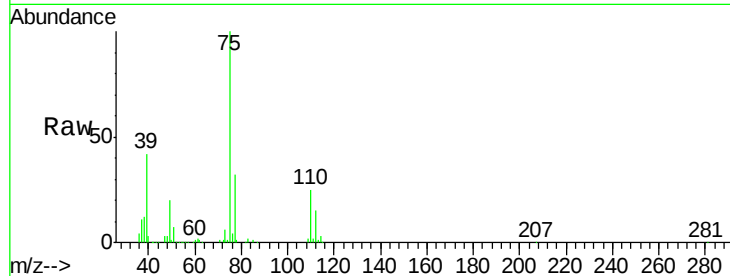
VSTDCCC050EC

Tgt Ion: 75 Resp: 129756

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.660 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

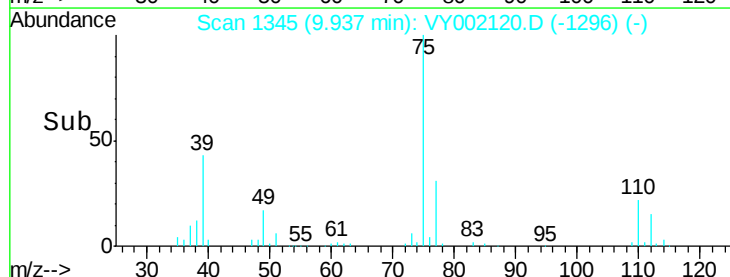
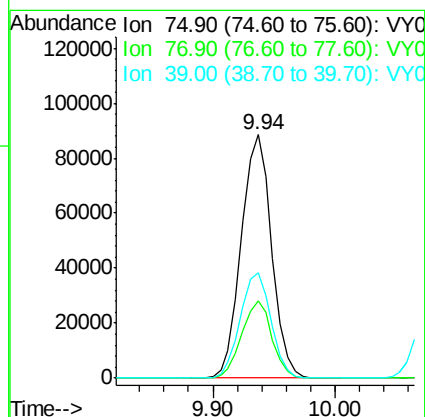
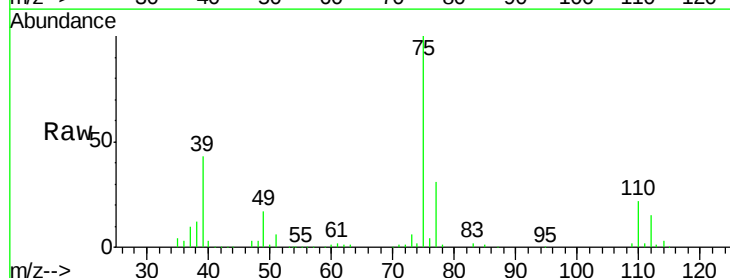
Tgt Ion: 75 Resp: 151917

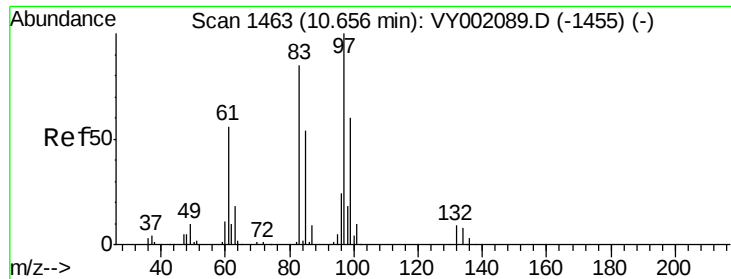
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 43.2 35.2 52.8

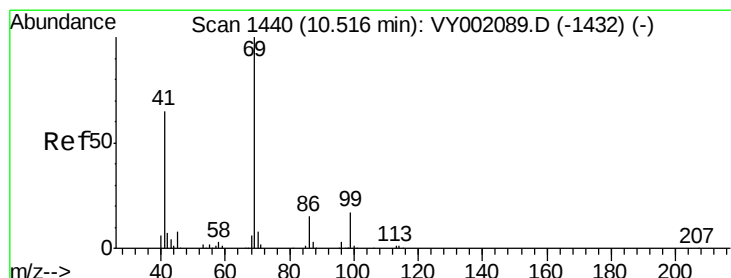
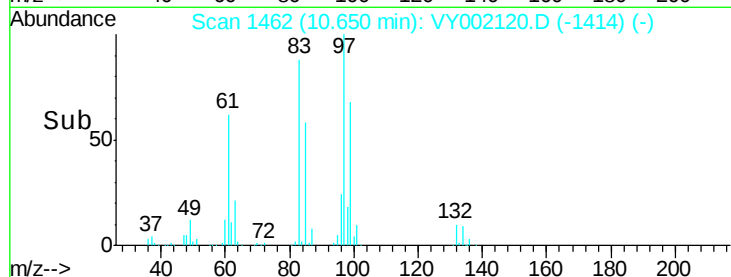
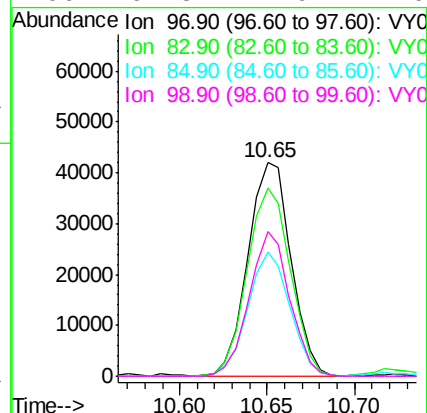
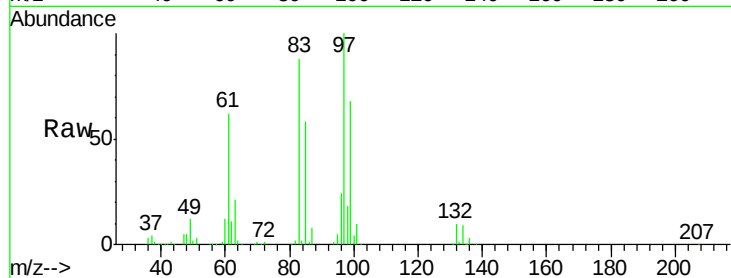




#55
 1,1,2-Trichloroethane
 Concen: 49.334 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

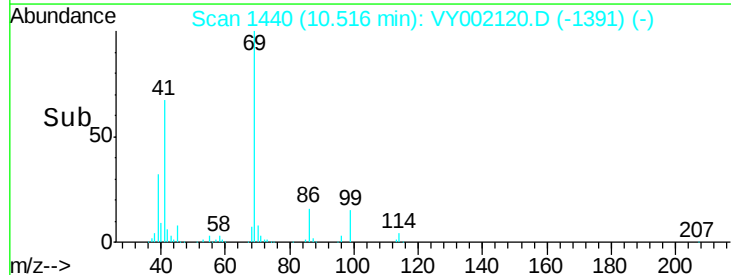
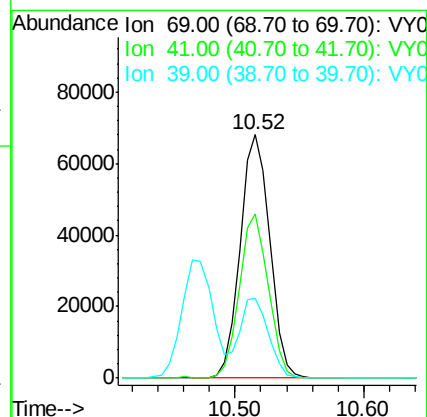
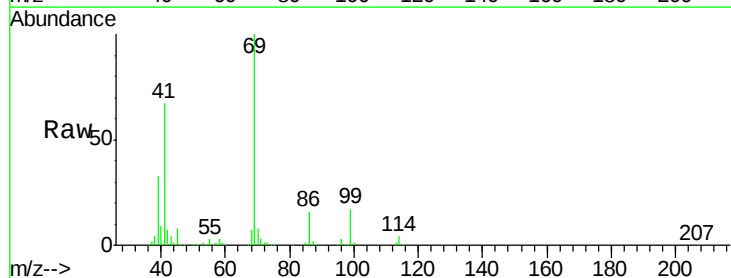
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

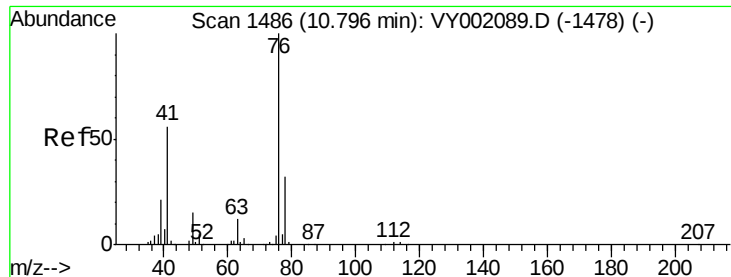
Tgt Ion:	97	Resp:	71975
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.2	102.2
85	58.5	42.9	64.3
99	67.8	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 50.735 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion:	69	Resp:	108110
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.8	79.2
39	32.6	25.0	37.6





#57

1,3-Dichloropropane

Concen: 50.375 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

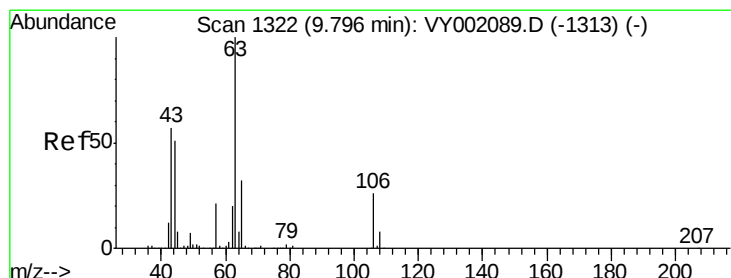
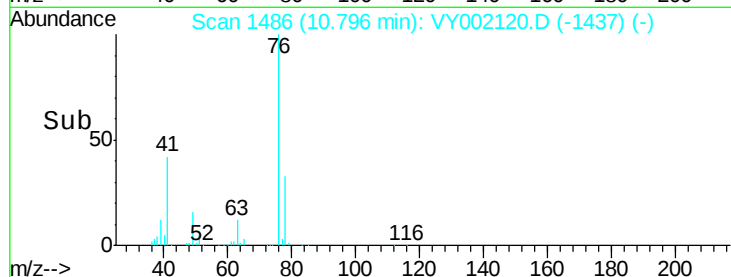
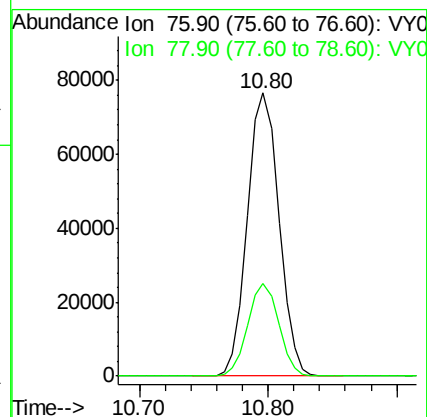
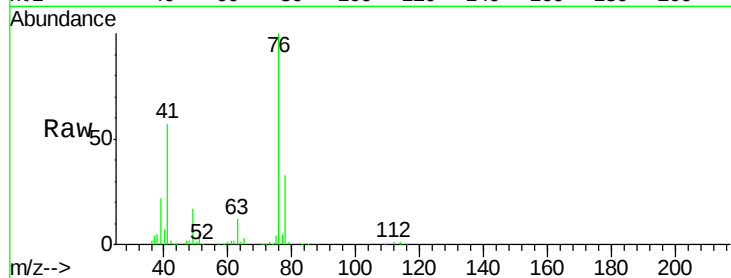
VSTDCCC050EC

Tgt Ion: 76 Resp: 129850

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 250.278 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002120.D

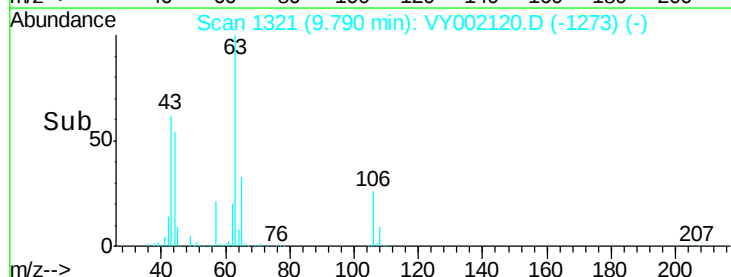
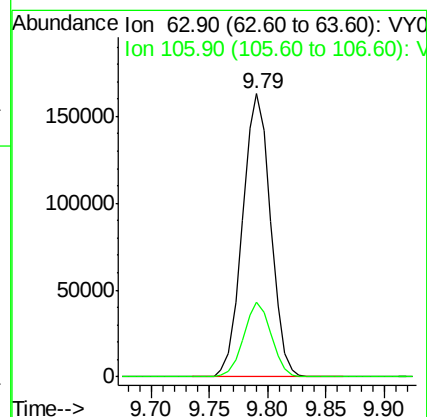
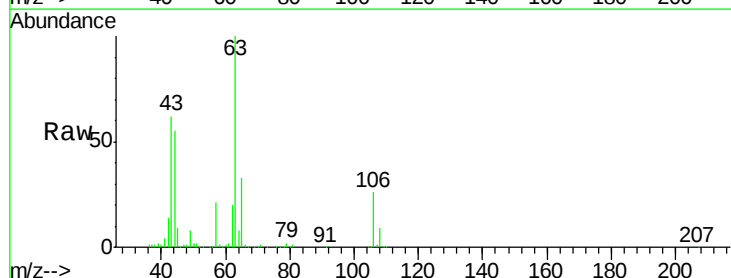
Acq: 27 Mar 2020 20:43

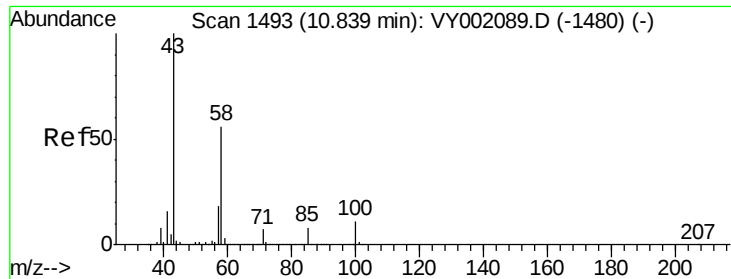
Tgt Ion: 63 Resp: 274039

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.4

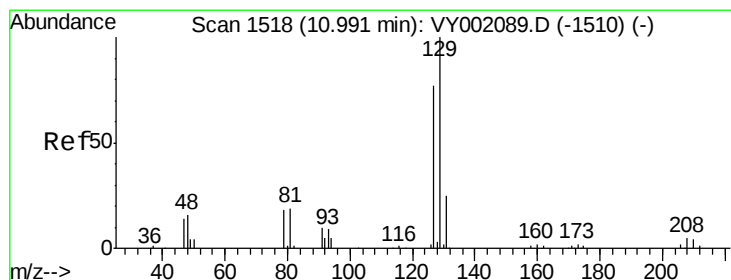
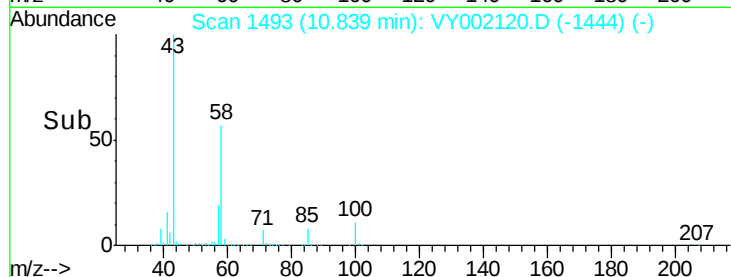
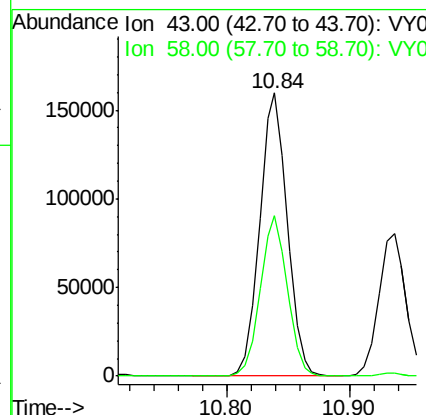
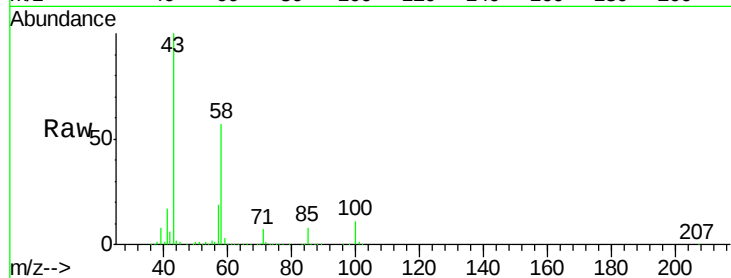




#59
2-Hexanone
Concen: 242.080 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

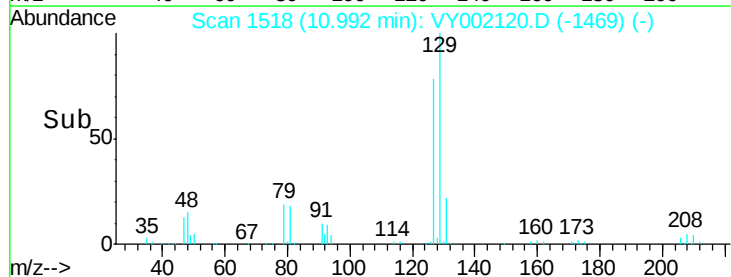
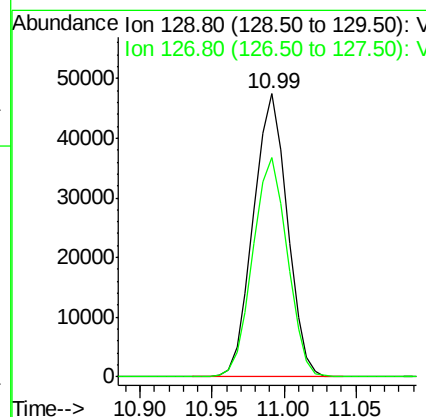
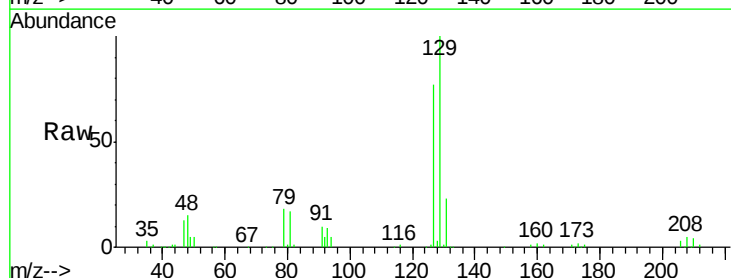
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

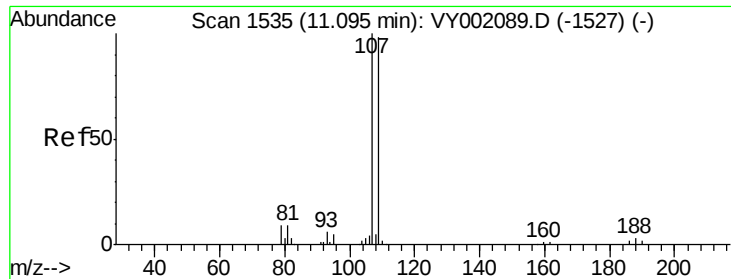
Tgt Ion: 43 Resp: 250637
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6



#60
Dibromochloromethane
Concen: 50.731 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 129 Resp: 77448
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

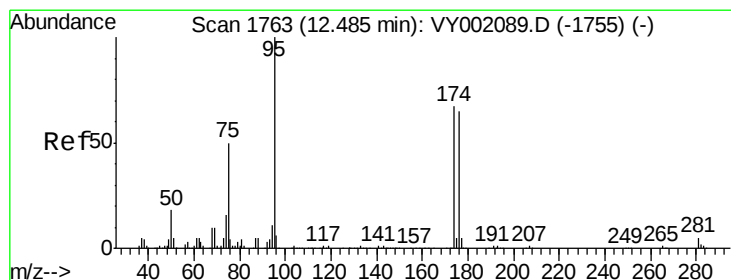
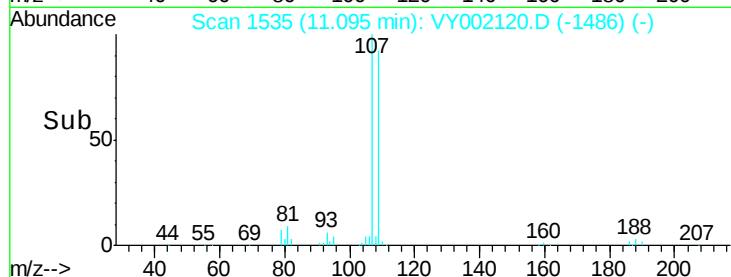
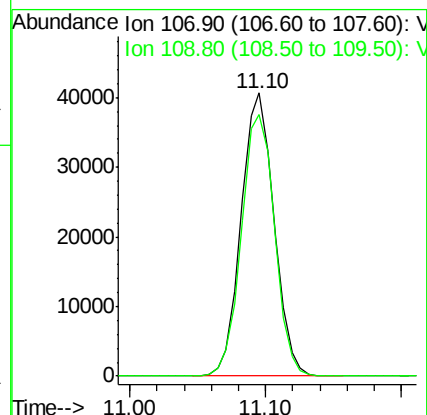
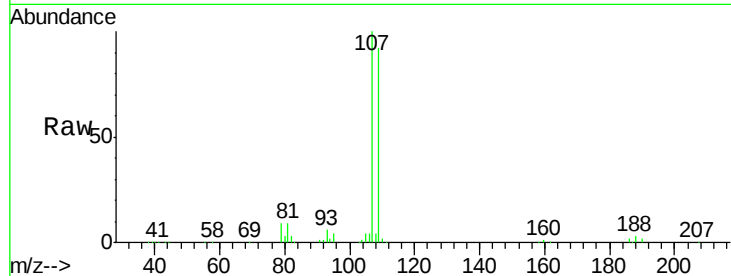




#61
 1,2-Dibromoethane
 Concen: 50.227 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

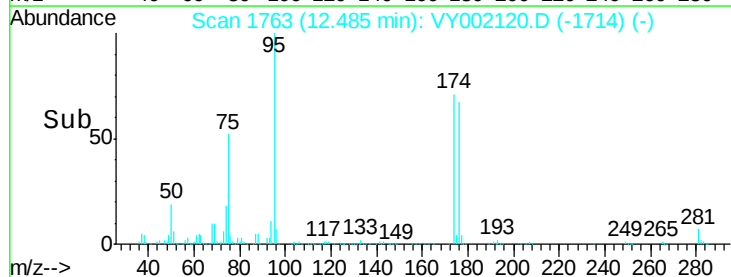
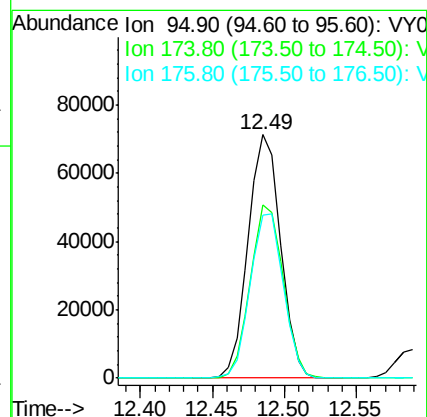
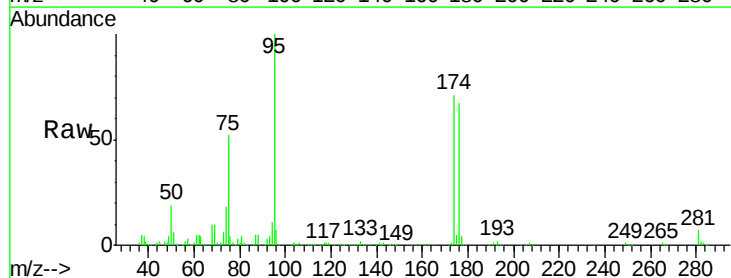
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

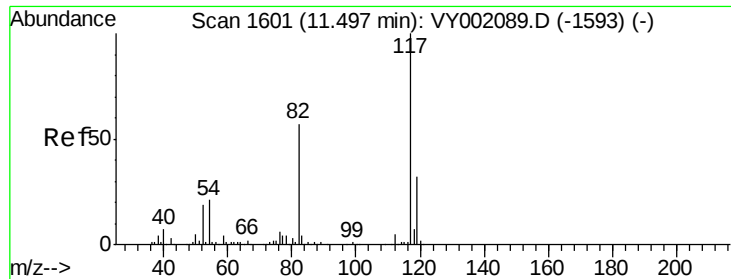
Tgt Ion: 107 Resp: 68587
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.787 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 95 Resp: 111240
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 143.4
 176 68.8 0.0 137.0

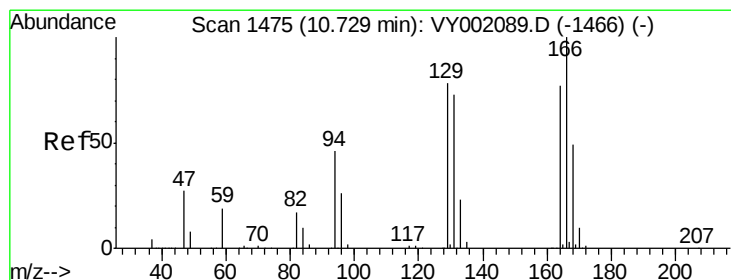
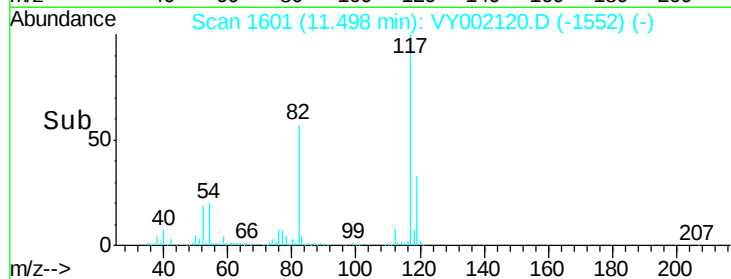
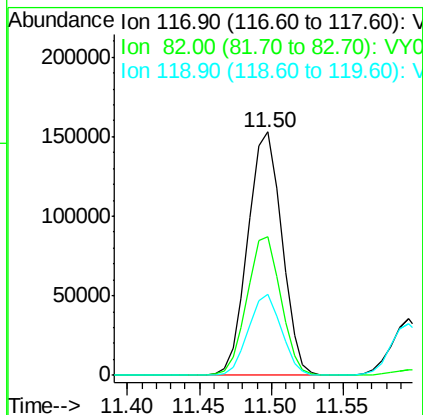
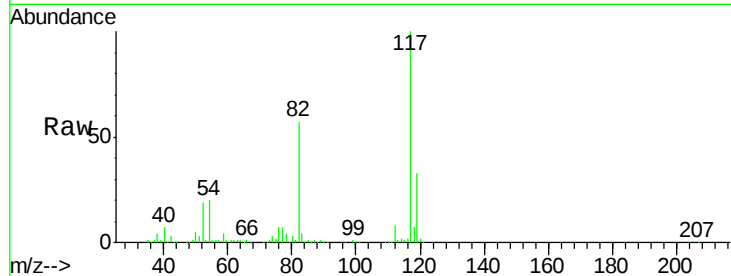




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

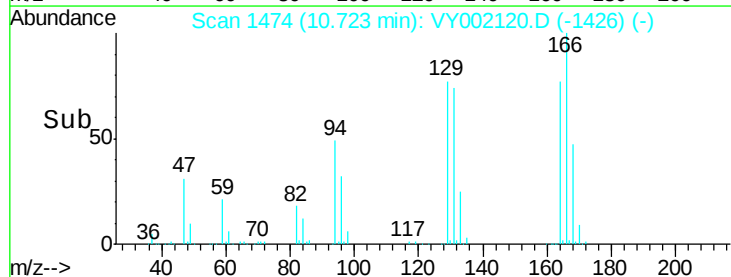
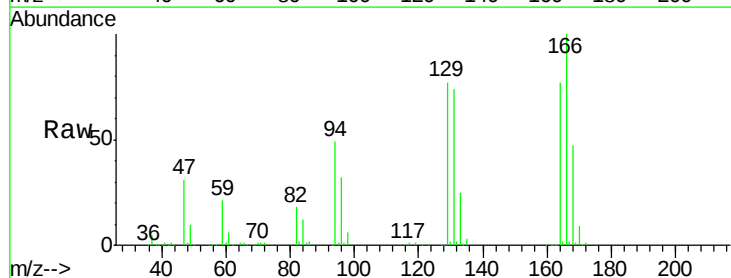
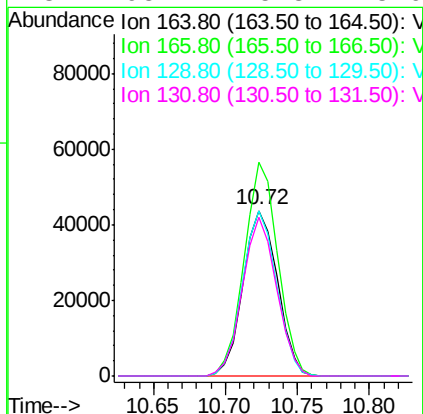
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

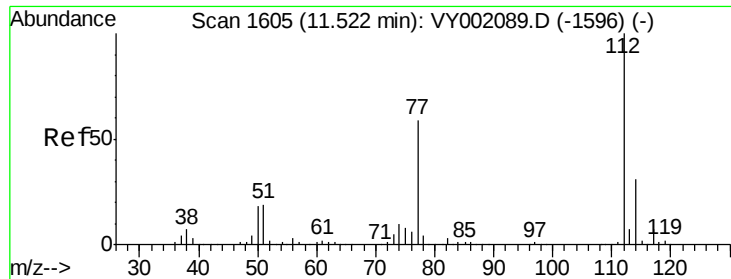
Tgt Ion:117 Resp: 250317
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 33.5 25.3 37.9



#64
Tetrachloroethene
Concen: 47.131 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:164 Resp: 72181
Ion Ratio Lower Upper
164 100
166 129.1 104.0 156.0
129 99.8 81.2 121.8
131 95.7 75.8 113.6

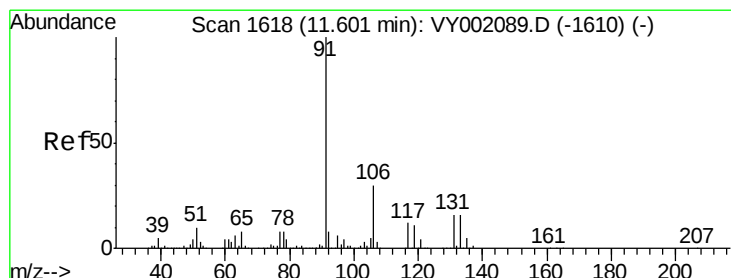
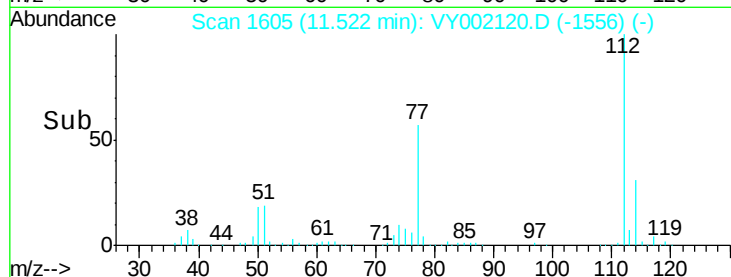
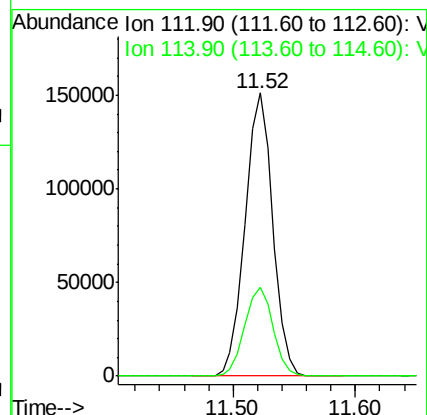
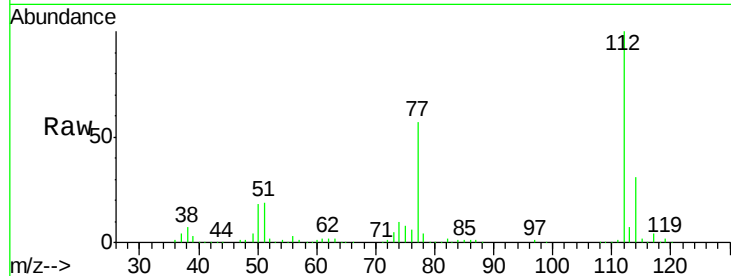




#65
Chlorobenzene
Concen: 48.907 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

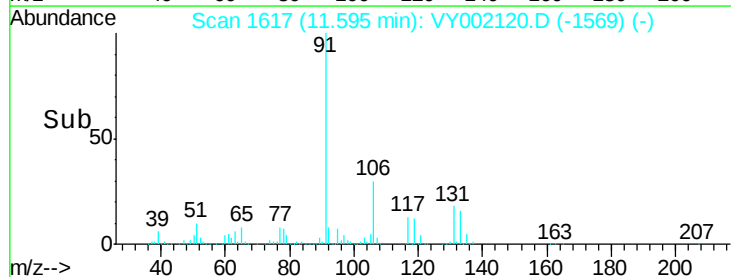
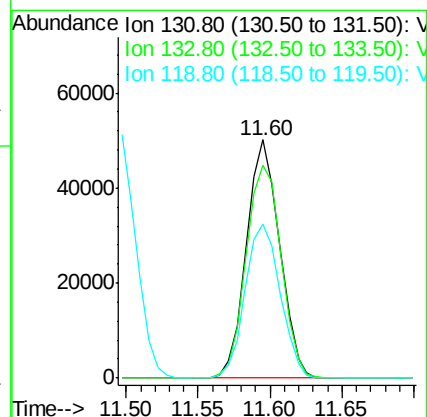
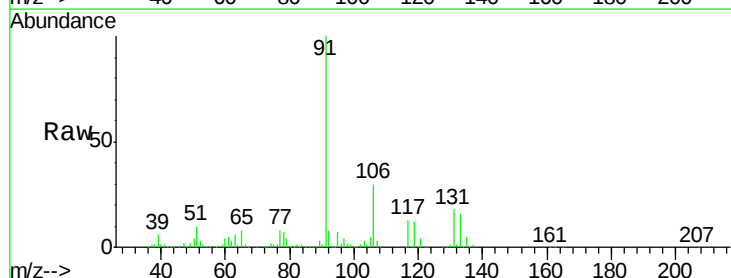
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

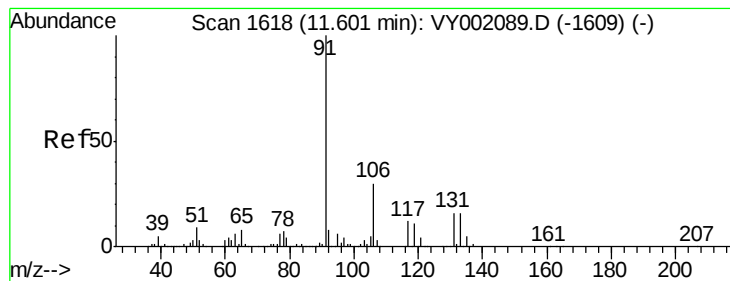
Tgt Ion:112 Resp: 236312
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.428 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:131 Resp: 79902
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 68.4 34.6 103.9





#67

Ethyl Benzene

Concen: 48.537 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

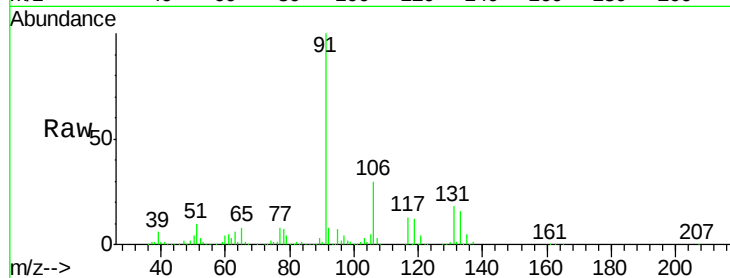
VSTDCCC050EC

Tgt Ion: 91 Resp: 435584

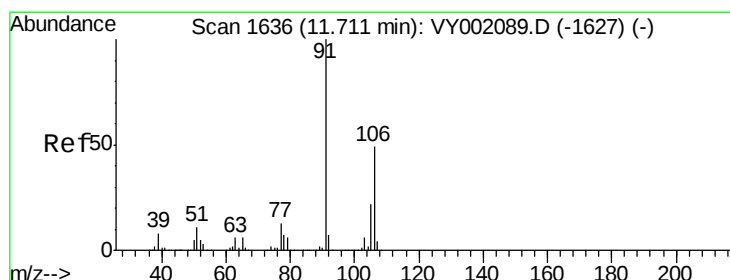
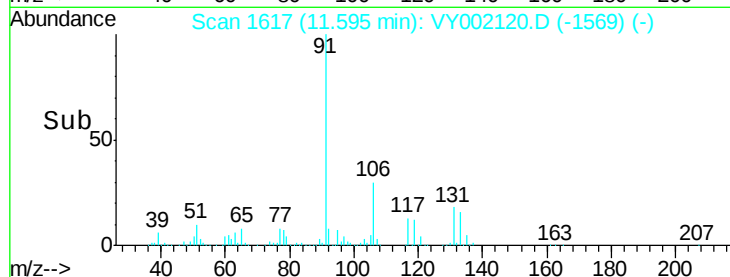
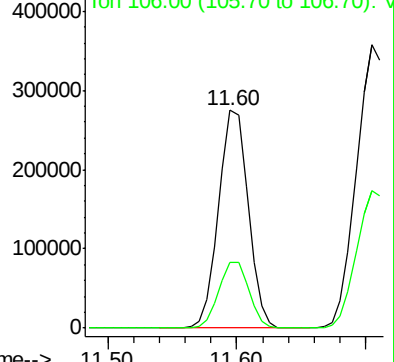
Ion Ratio Lower Upper

91 100

106 30.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1609) (-)



#68

m/p-Xylenes

Concen: 97.681 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002120.D

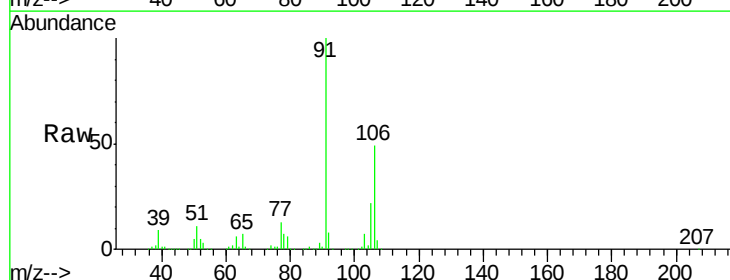
Acq: 27 Mar 2020 20:43

Tgt Ion: 106 Resp: 324115

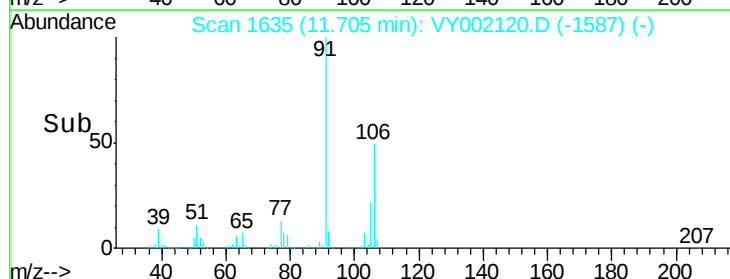
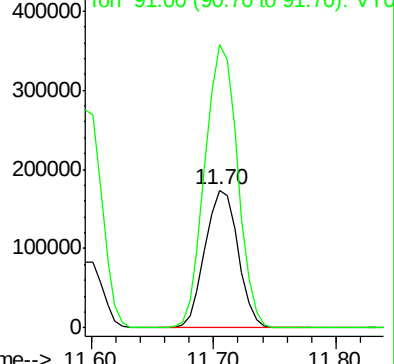
Ion Ratio Lower Upper

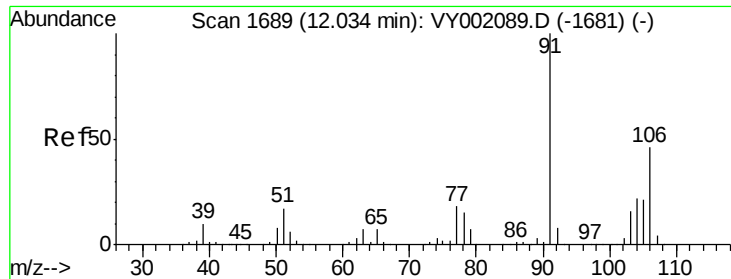
106 100

91 204.5 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002089.D (-1627) (-)

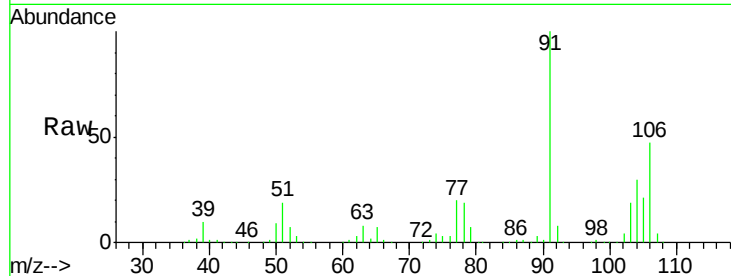




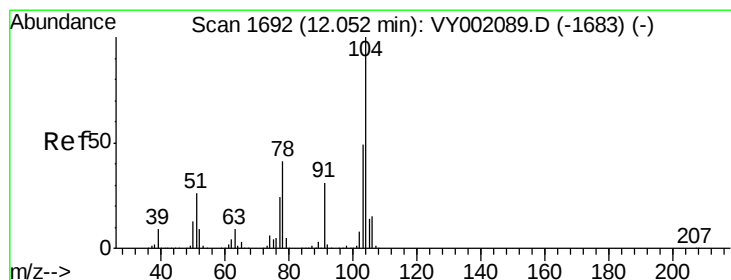
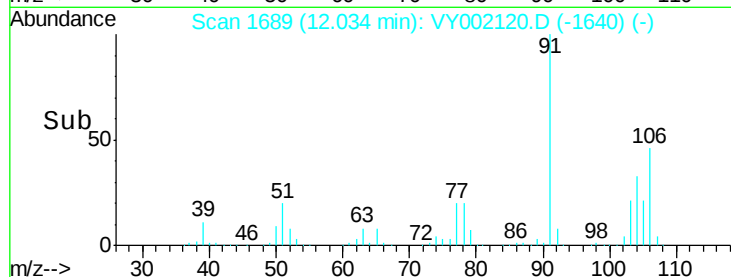
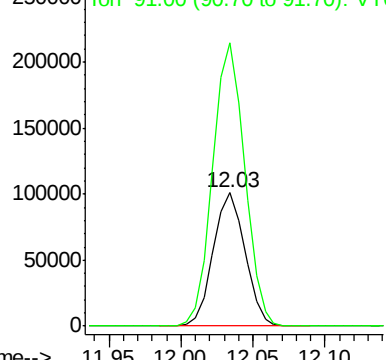
#69
o-Xylene
Concen: 49.130 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 154639
Ion Ratio Lower Upper
106 100
91 213.6 107.3 321.8

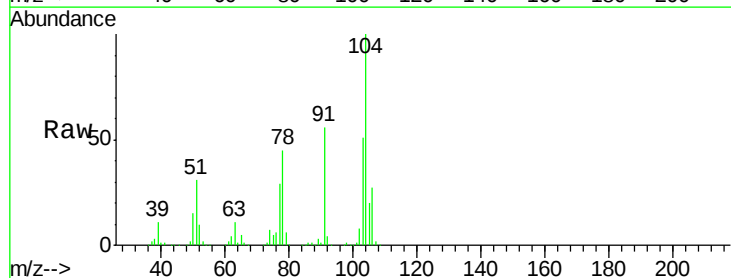


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

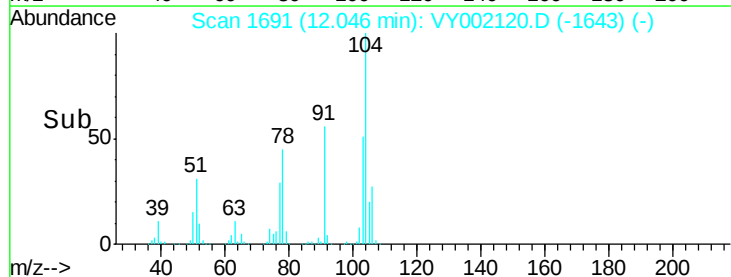
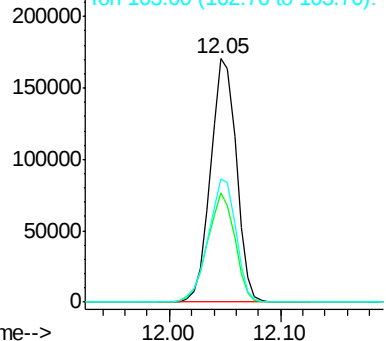


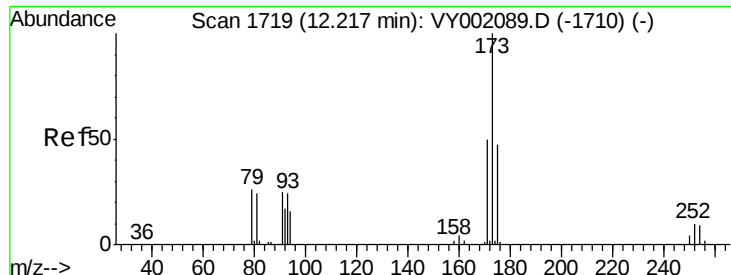
#70
Styrene
Concen: 50.214 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:104 Resp: 273873
Ion Ratio Lower Upper
104 100
78 47.5 37.9 56.9
103 54.1 43.2 64.8



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

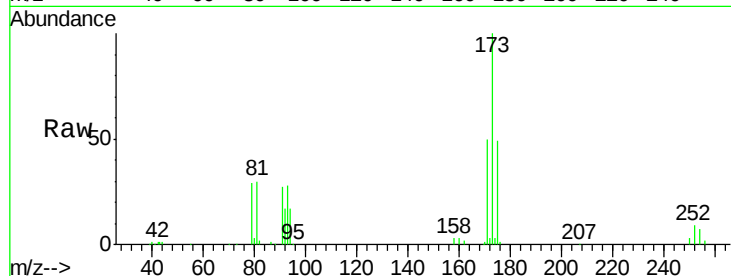




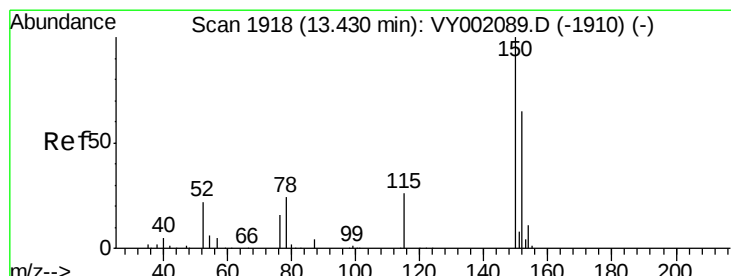
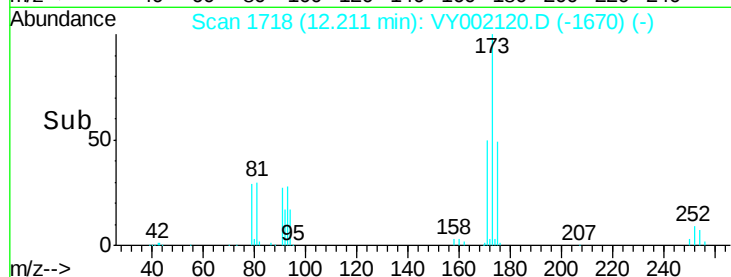
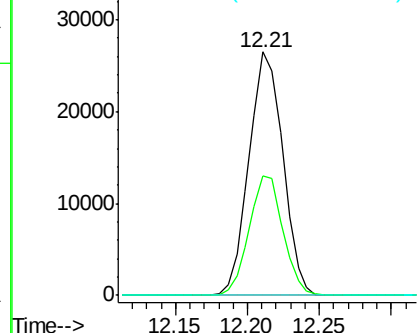
#71
Bromoform
Concen: 48.777 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 43186
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0

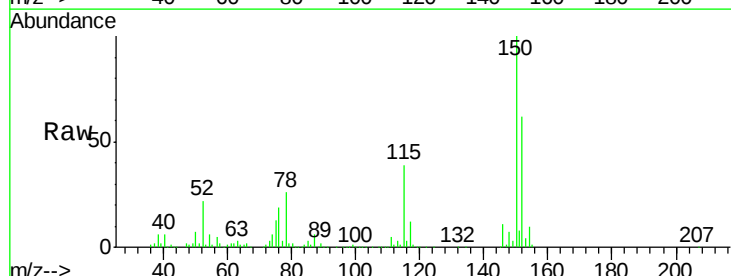


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

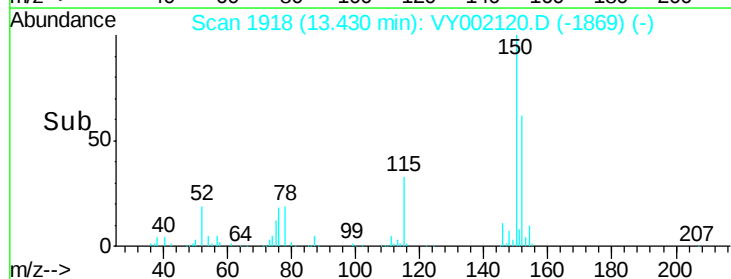
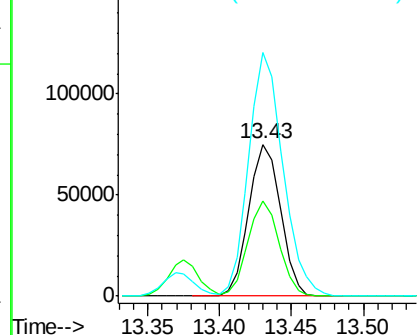


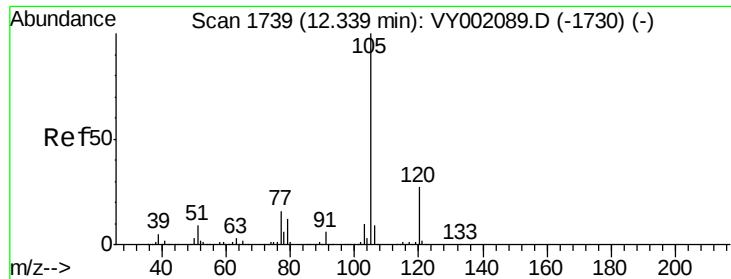
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:152 Resp: 115197
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 172.7 0.0 354.8



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





#73

Isopropylbenzene

Concen: 48.603 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

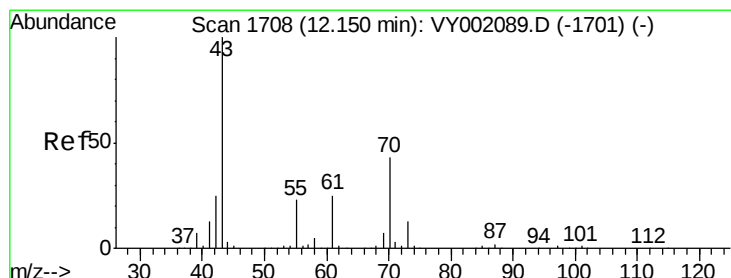
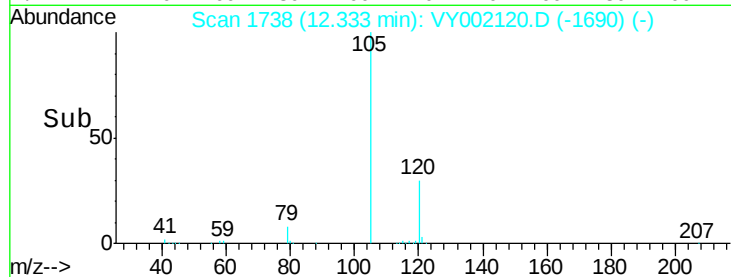
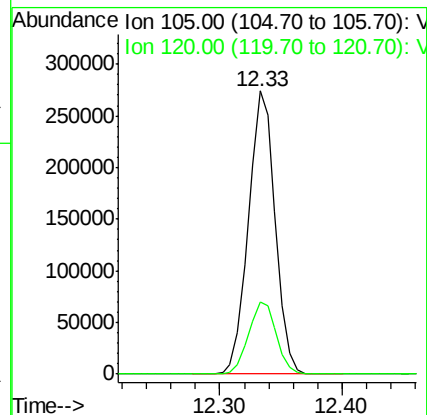
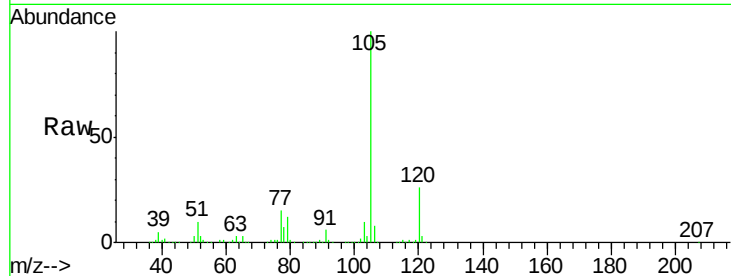
VSTDCCC050EC

Tgt Ion: 105 Resp: 415330

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 48.918 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion: 43 Resp: 131843

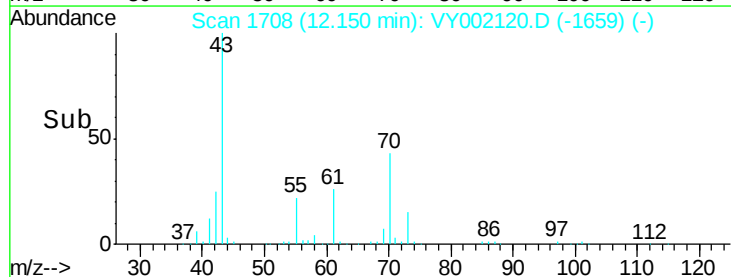
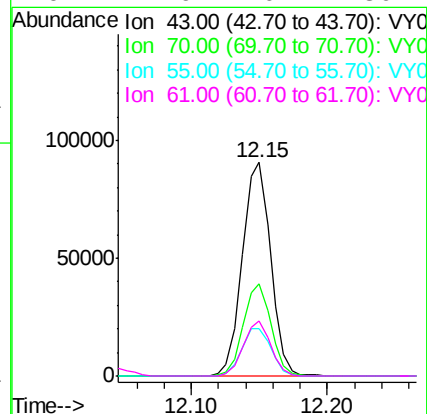
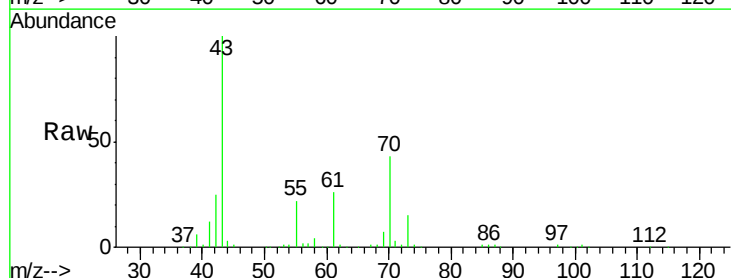
Ion Ratio Lower Upper

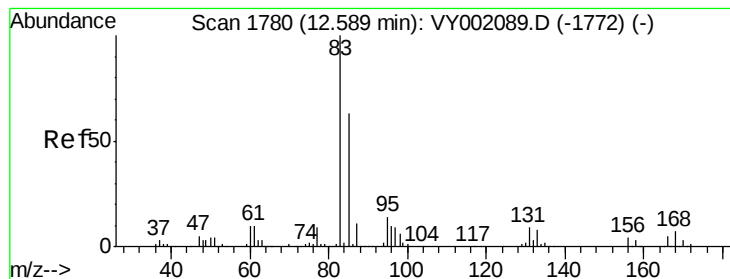
43 100

70 42.3 35.0 52.4

55 23.2 18.7 28.1

61 24.9 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.401 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

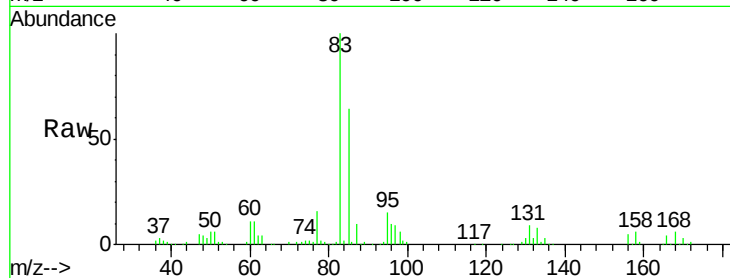
Tgt Ion: 83 Resp: 89002

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

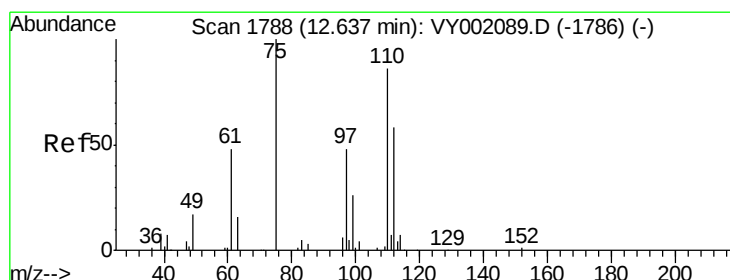
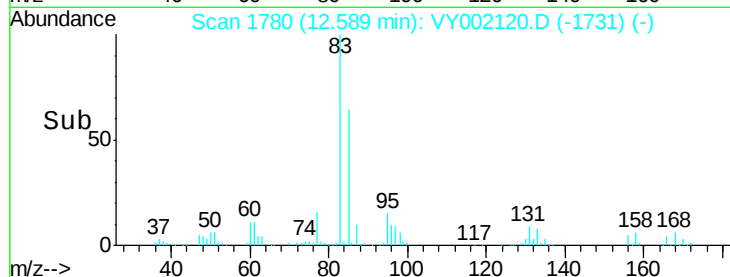
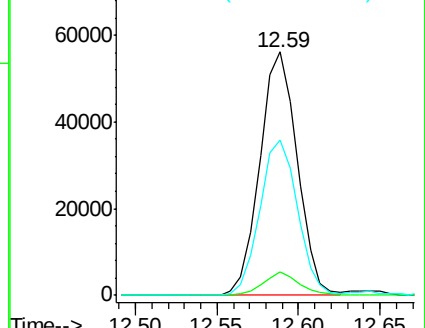
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 89.074 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002120.D

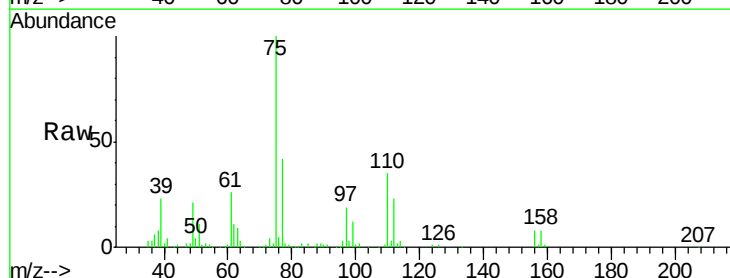
Acq: 27 Mar 2020 20:43

Tgt Ion: 75 Resp: 114780

Ion Ratio Lower Upper

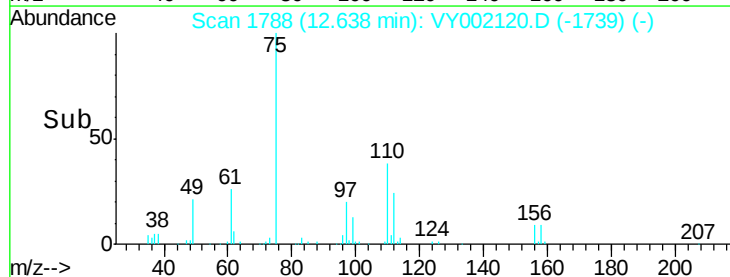
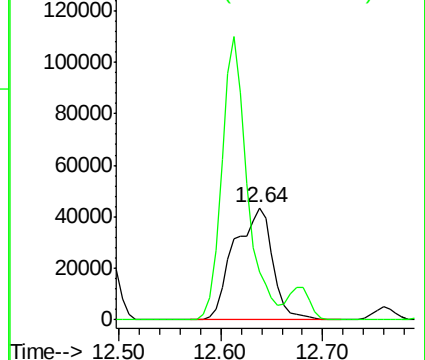
75 100

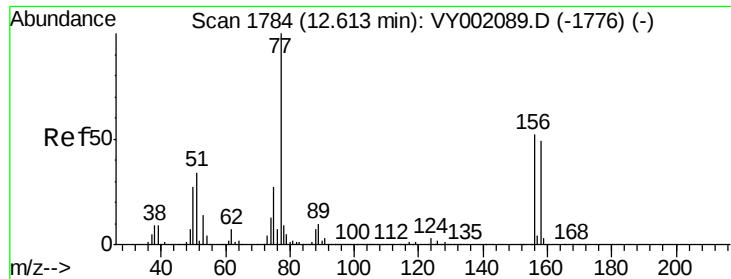
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.053 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

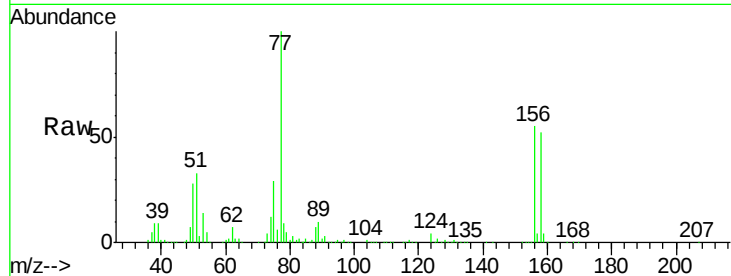
Tgt Ion:156 Resp: 89483

Ion Ratio Lower Upper

156 100

77 212.9 107.8 323.6

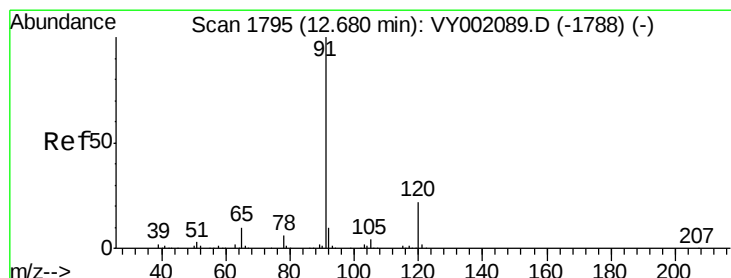
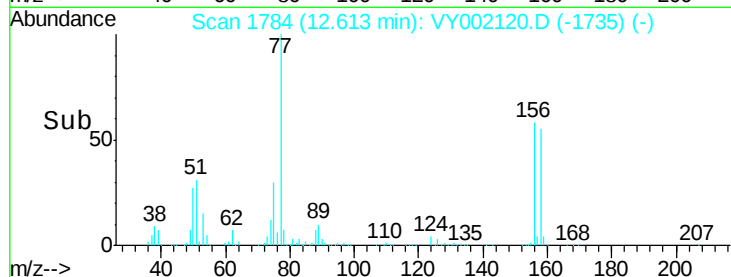
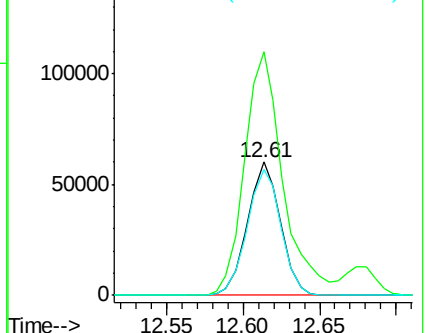
158 97.7 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.348 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002120.D

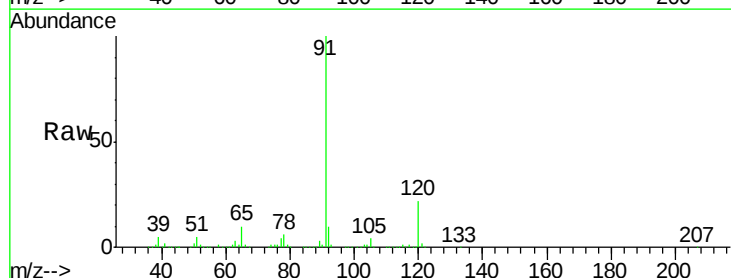
Acq: 27 Mar 2020 20:43

Tgt Ion: 91 Resp: 512713

Ion Ratio Lower Upper

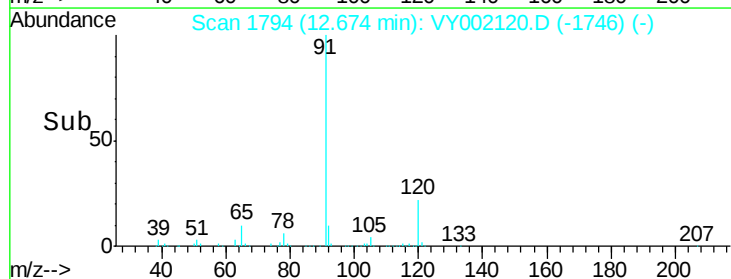
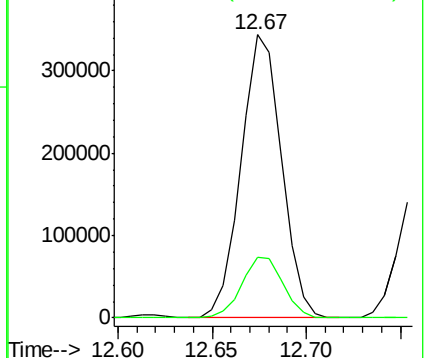
91 100

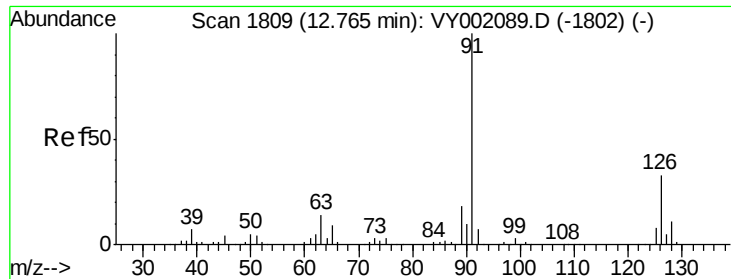
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

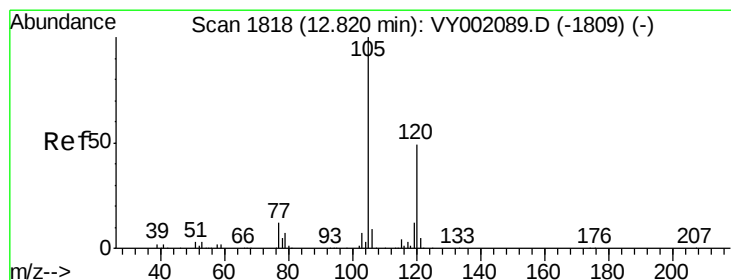
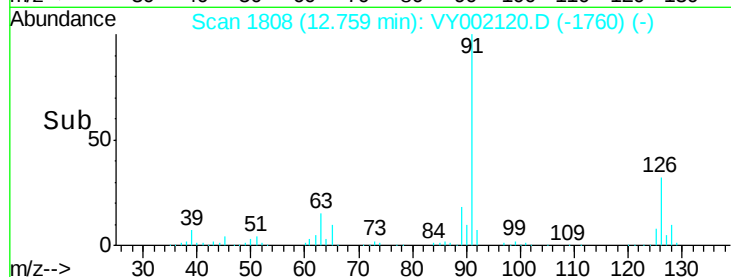
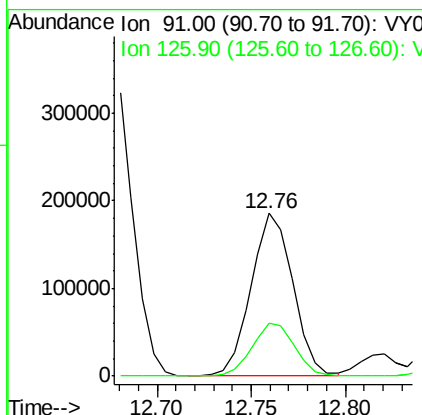
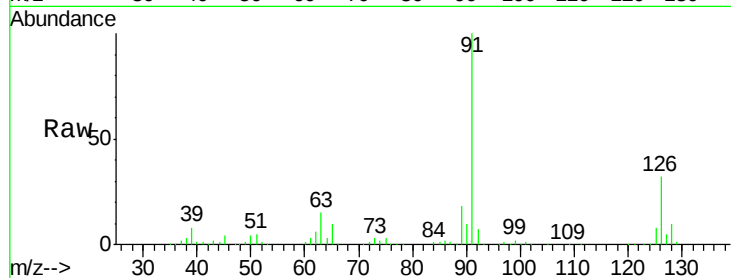




#79
 2-Chlorotoluene
 Concen: 49.141 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

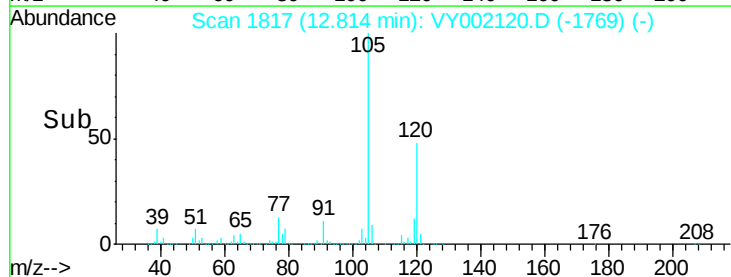
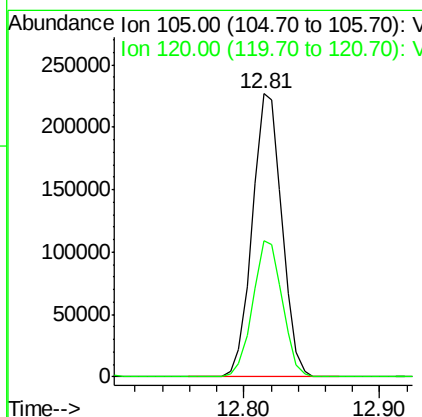
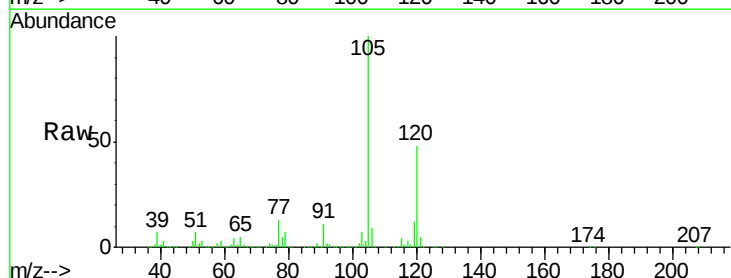
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

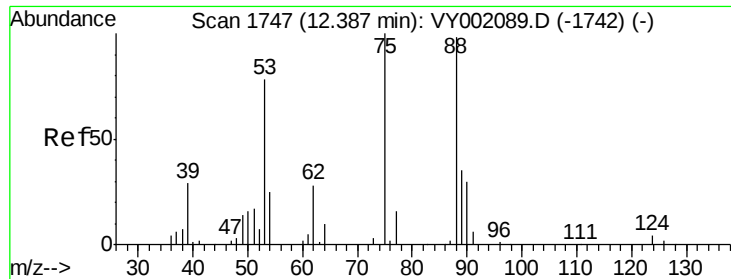
Tgt Ion: 91 Resp: 286123
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.122 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 105 Resp: 346322
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.947 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

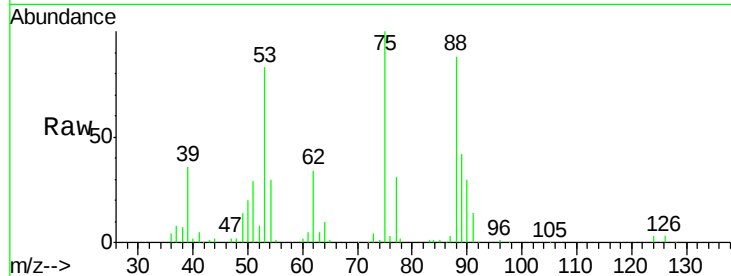
Tgt Ion: 75 Resp: 31891

Ion Ratio Lower Upper

75 100

53 83.2 65.0 97.4

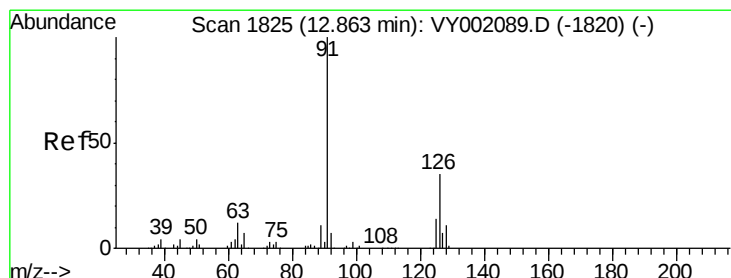
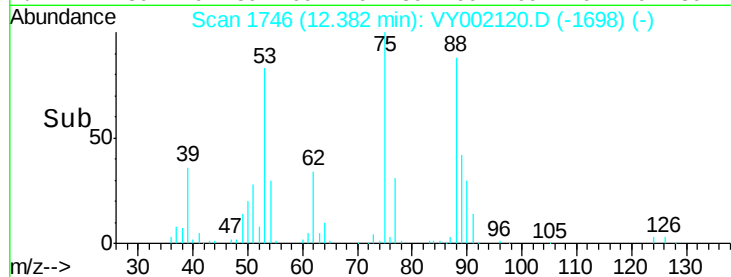
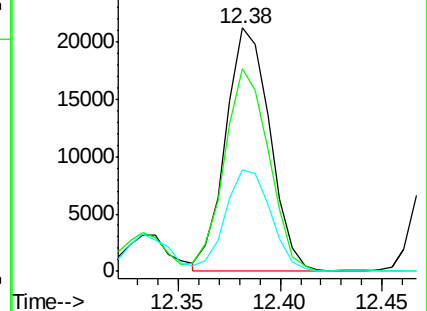
89 42.5 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.903 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002120.D

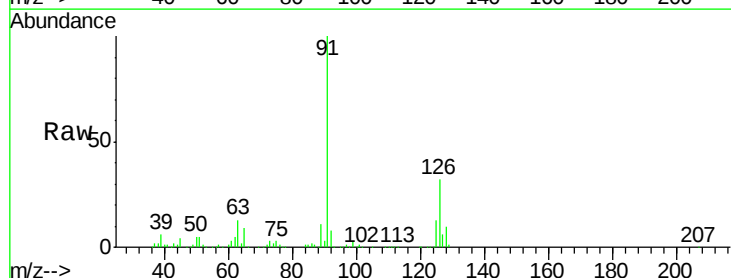
Acq: 27 Mar 2020 20:43

Tgt Ion: 91 Resp: 300051

Ion Ratio Lower Upper

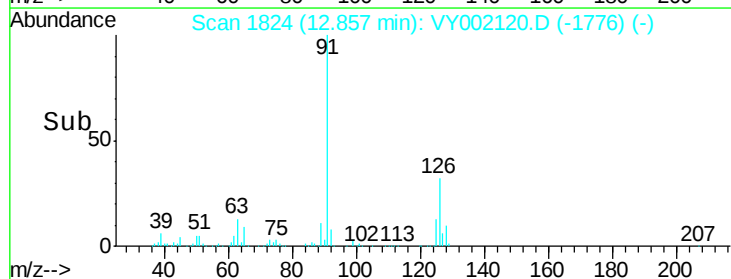
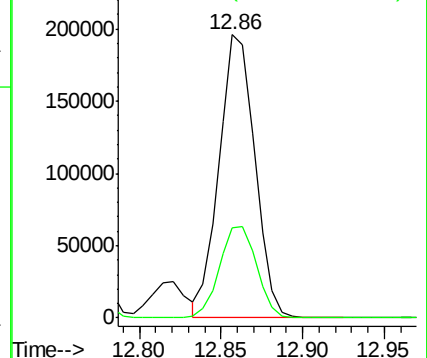
91 100

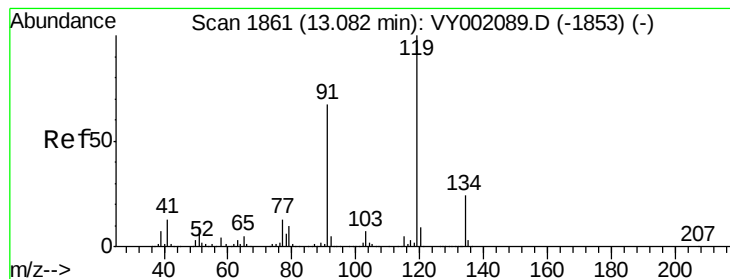
126 33.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.120 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

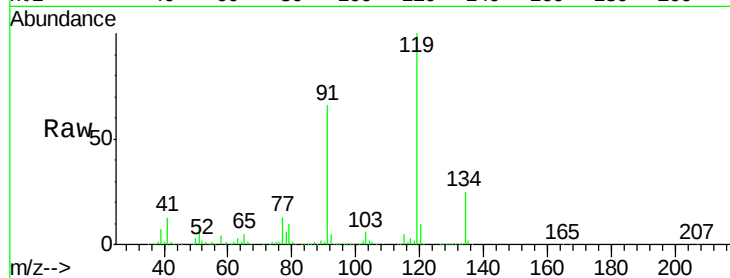
Tgt Ion:119 Resp: 294951

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

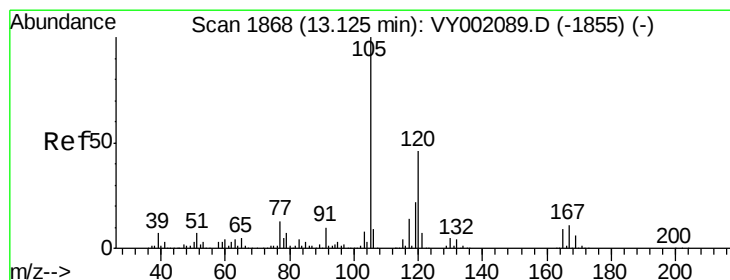
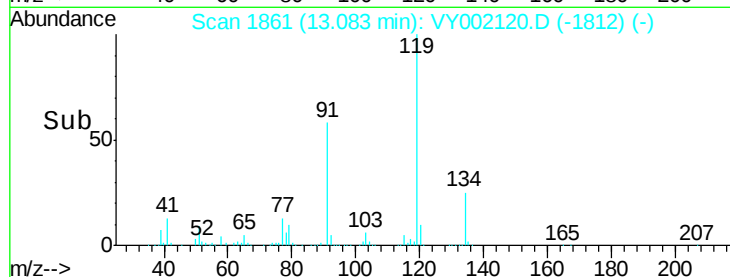
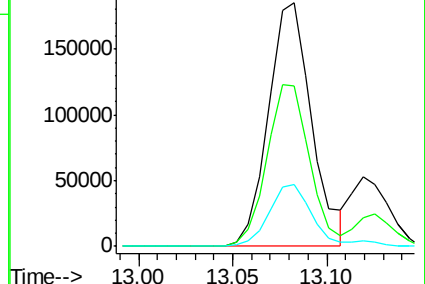
134 26.1 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.463 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY002120.D

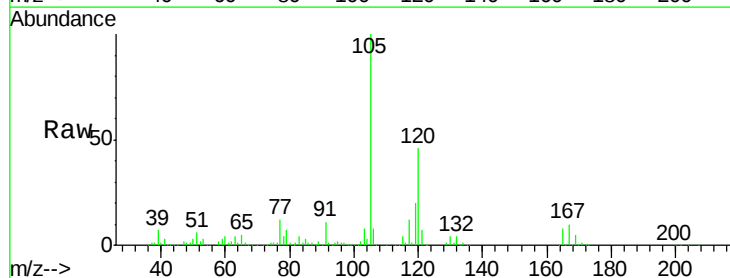
Acq: 27 Mar 2020 20:43

Tgt Ion:105 Resp: 347937

Ion Ratio Lower Upper

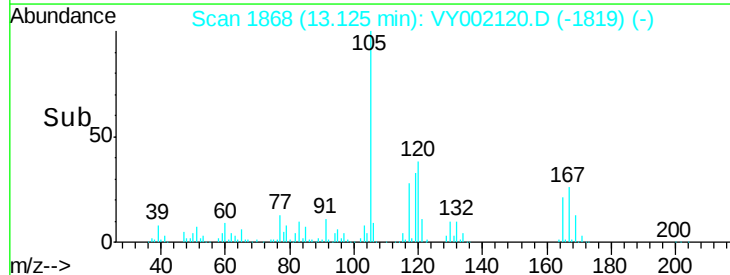
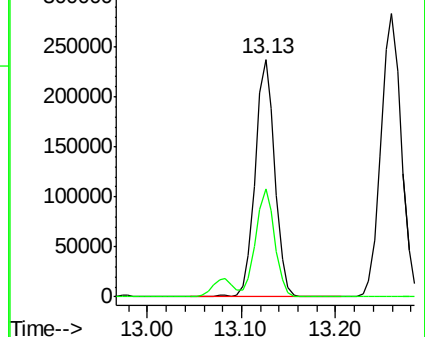
105 100

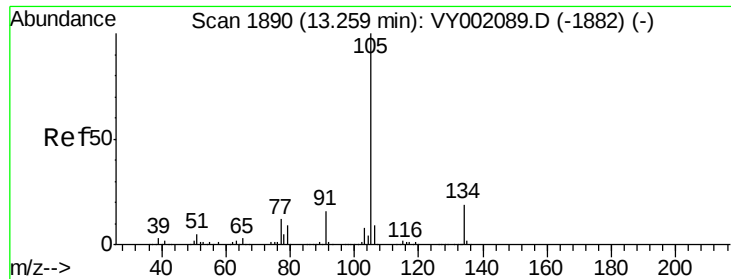
120 44.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

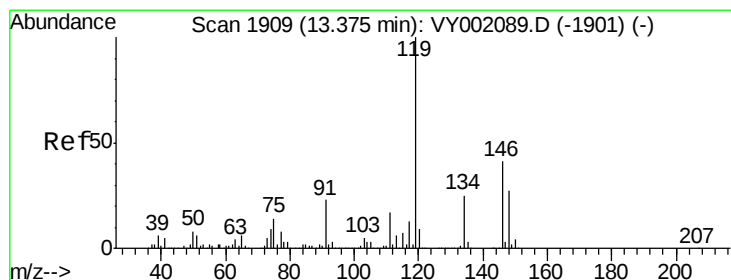
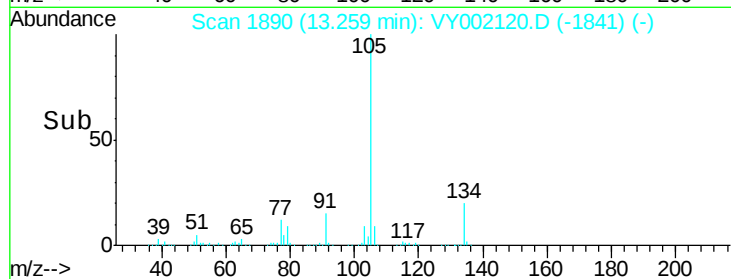
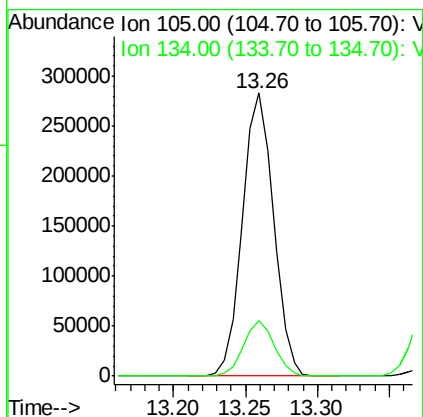
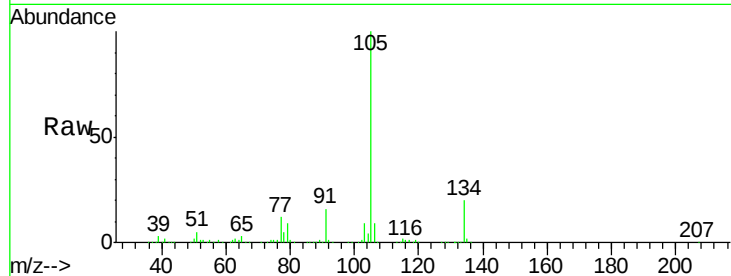




#85
 sec-Butylbenzene
 Concen: 48.628 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

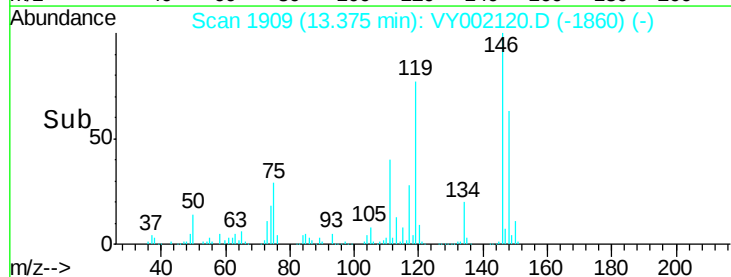
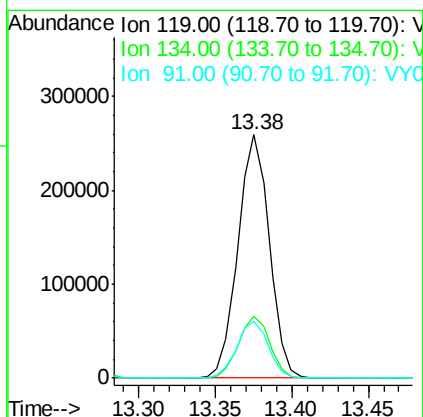
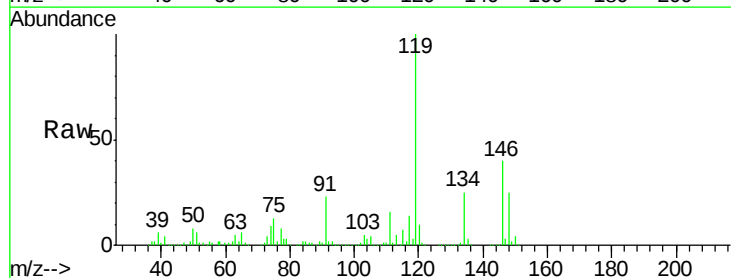
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

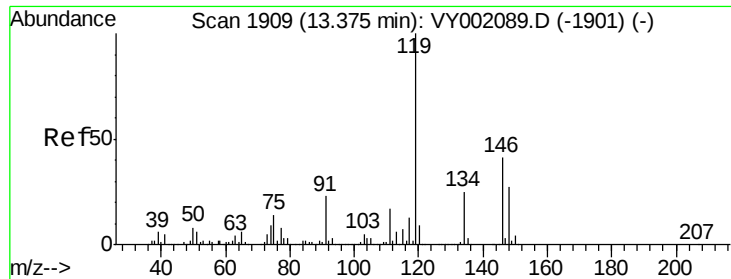
Tgt Ion:105 Resp: 423871
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.156 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion:119 Resp: 367947
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.4 11.8 35.3

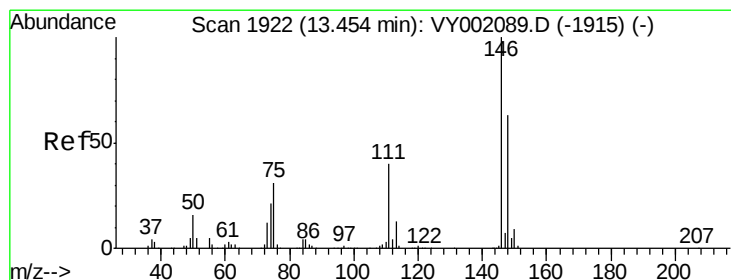
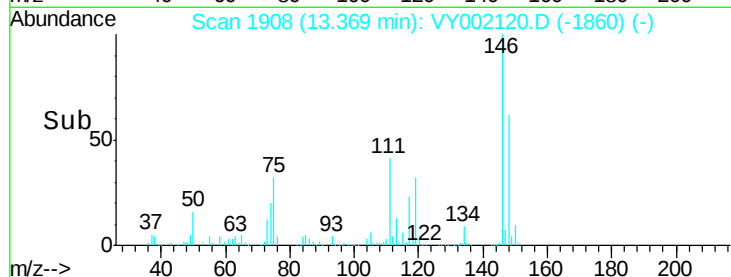
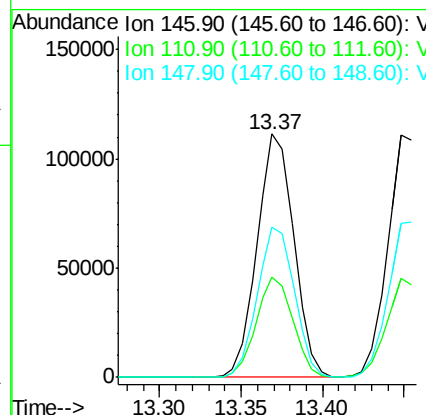
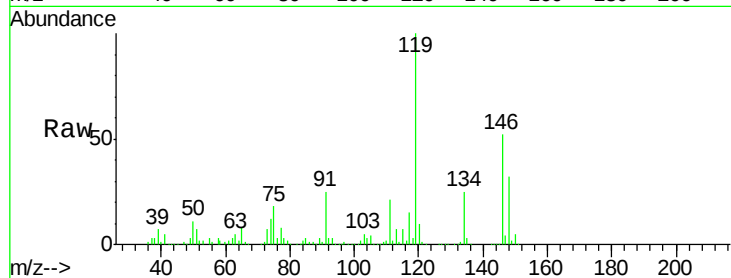




#87
 1,3-Dichlorobenzene
 Concen: 49.093 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

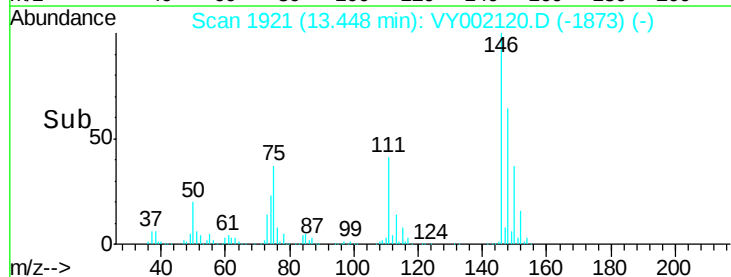
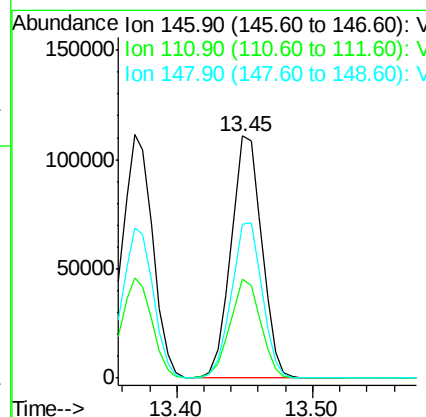
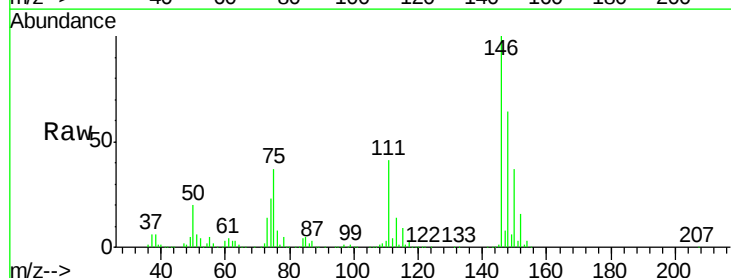
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

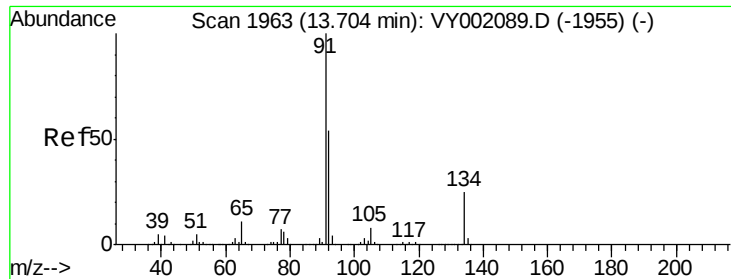
Tgt Ion:146 Resp: 175195
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.8
 148 62.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.479 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion:146 Resp: 174094
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 48.285 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

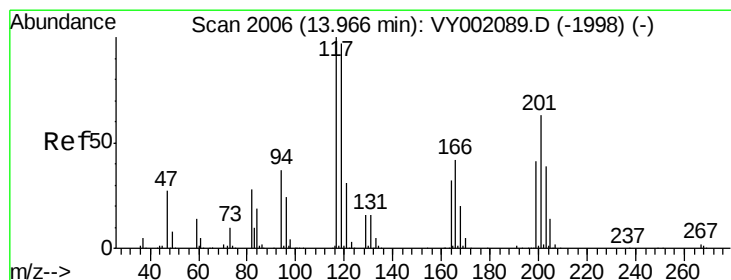
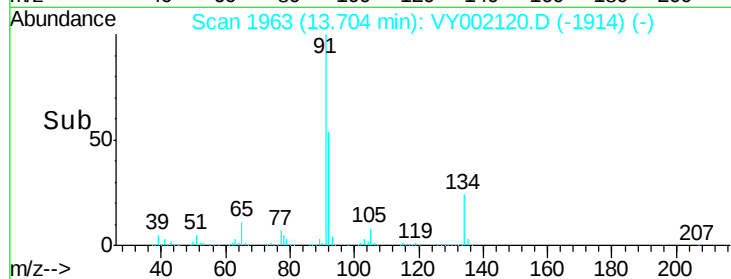
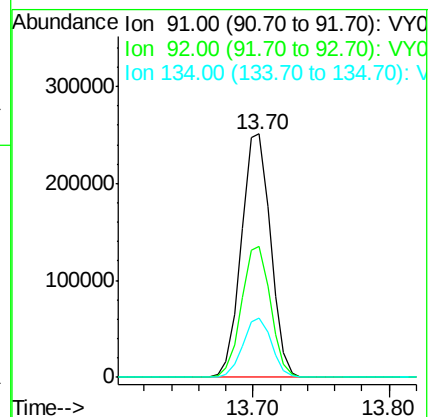
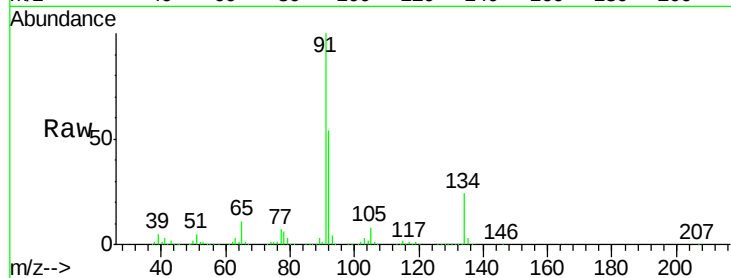
Tgt Ion: 91 Resp: 376578

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 50.010 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002120.D

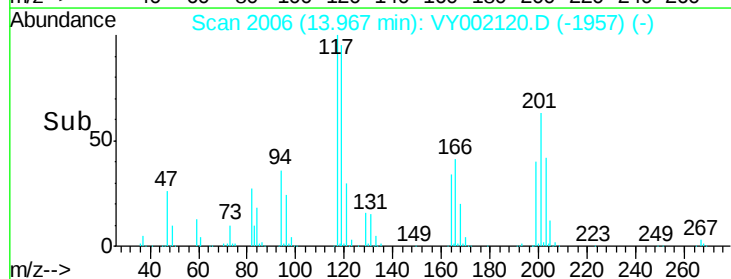
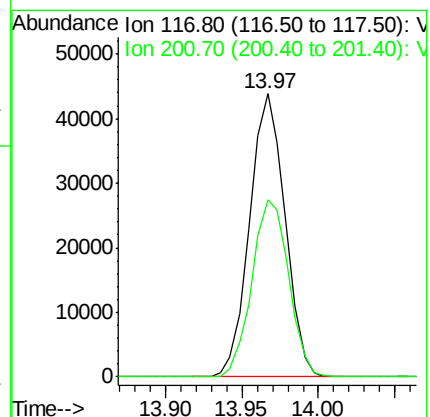
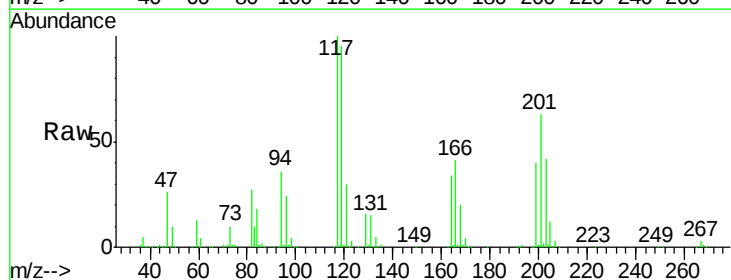
Acq: 27 Mar 2020 20:43

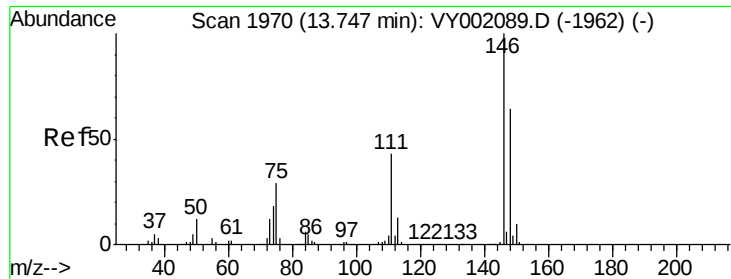
Tgt Ion: 117 Resp: 70537

Ion Ratio Lower Upper

117 100

201 65.1 31.6 94.8

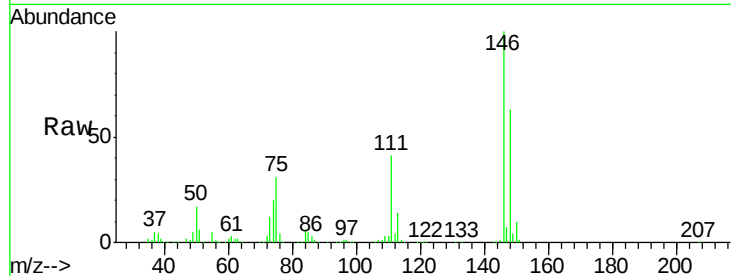




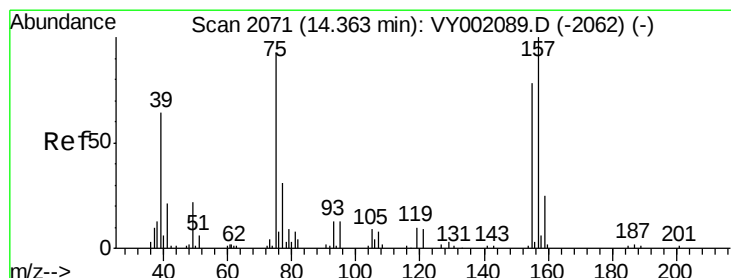
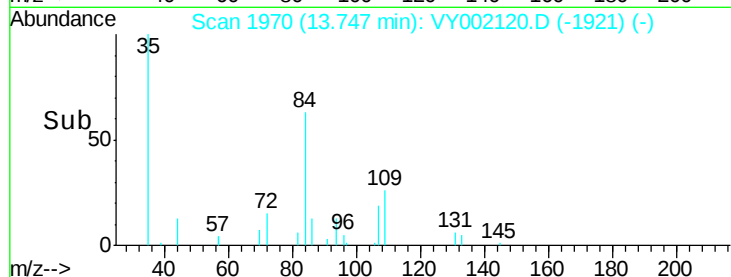
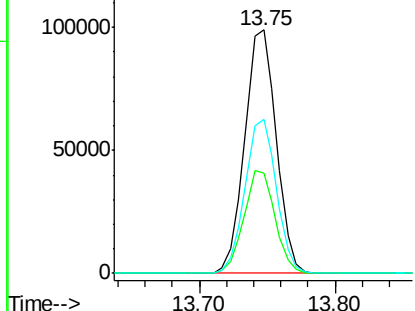
#91
 1,2-Dichlorobenzene
 Concen: 48.834 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 160935
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.7
 148 62.9 31.8 95.4

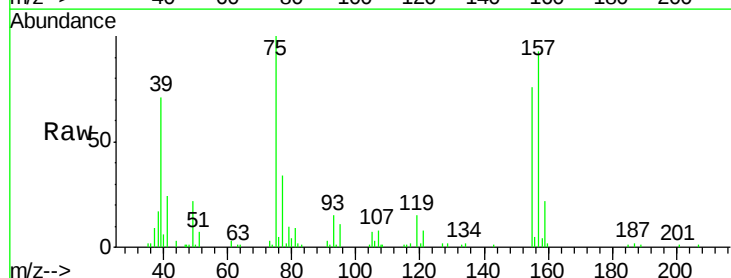


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

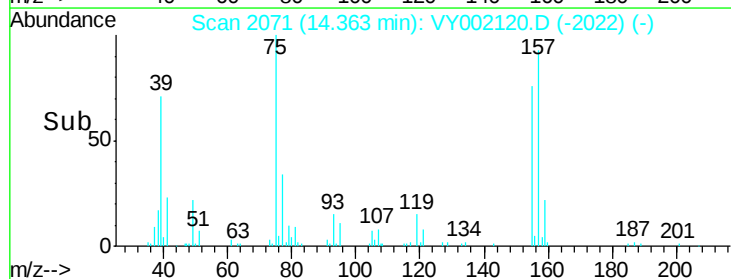
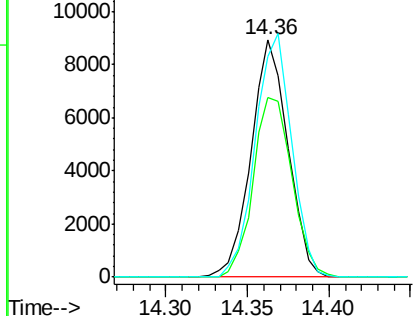


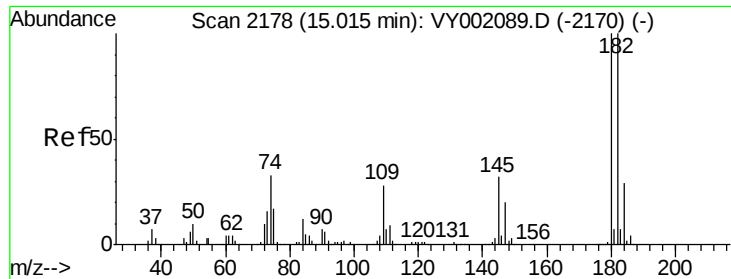
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.730 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 75 Resp: 14059
 Ion Ratio Lower Upper
 75 100
 155 79.8 41.6 124.9
 157 100.9 53.4 160.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

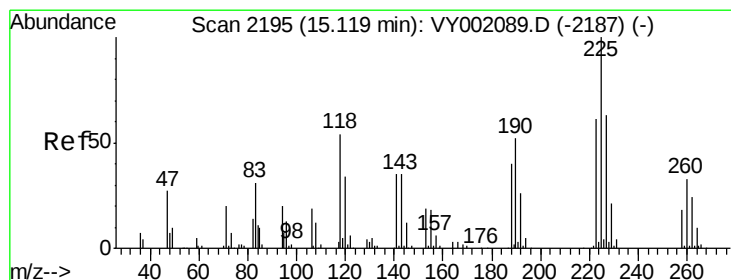
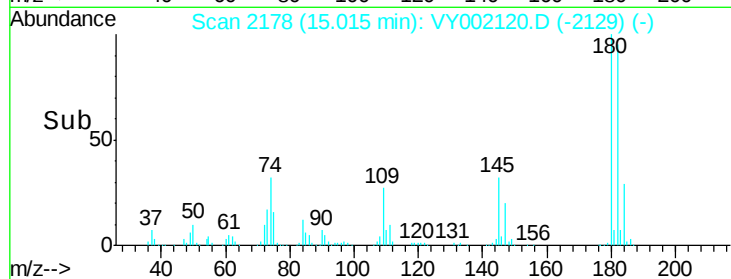
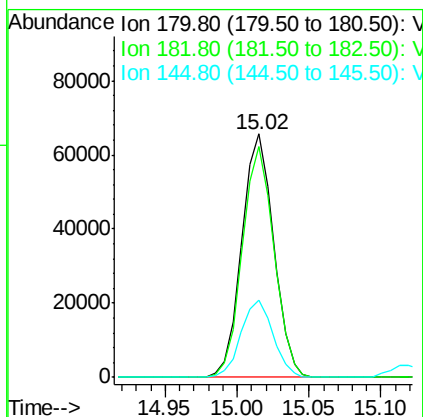
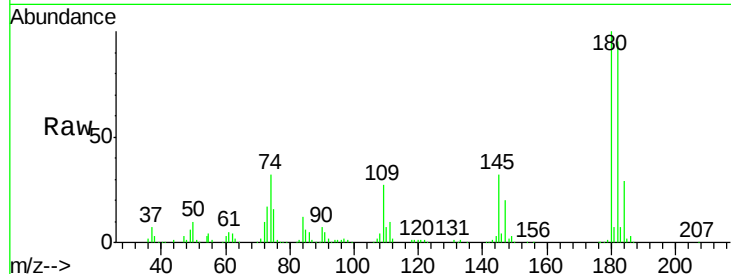




#93
 1,2,4-Trichlorobenzene
 Concen: 47.351 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

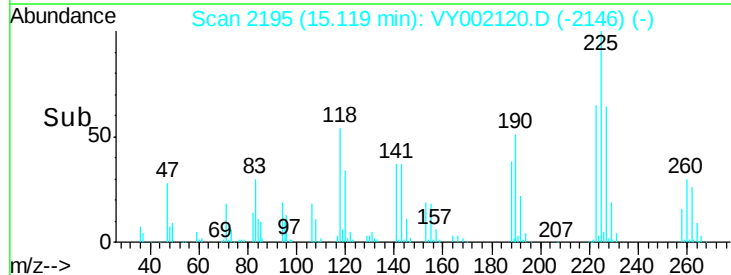
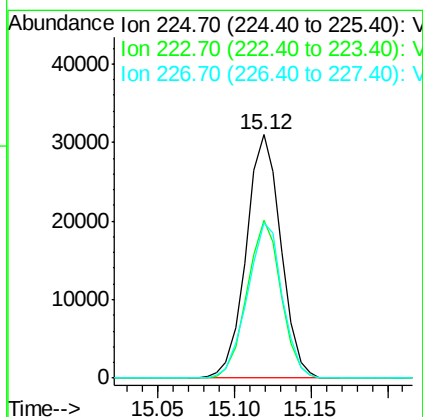
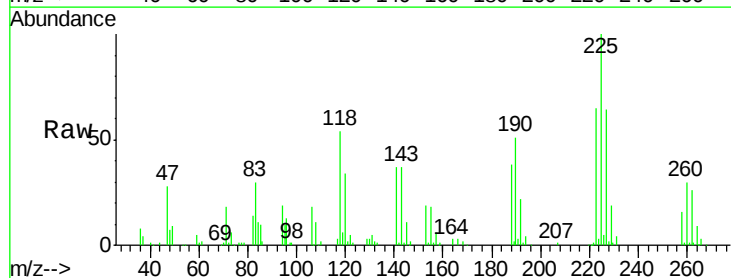
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

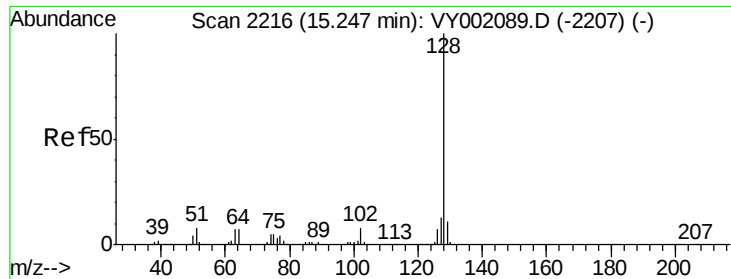
Tgt Ion:180 Resp: 100582
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.1 144.3
 145 32.0 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 46.487 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion:225 Resp: 48743
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.3
 227 63.9 31.6 94.7

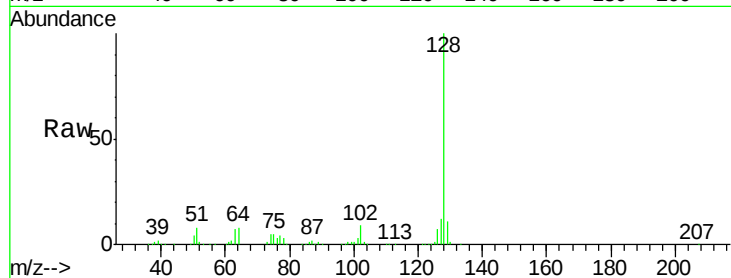




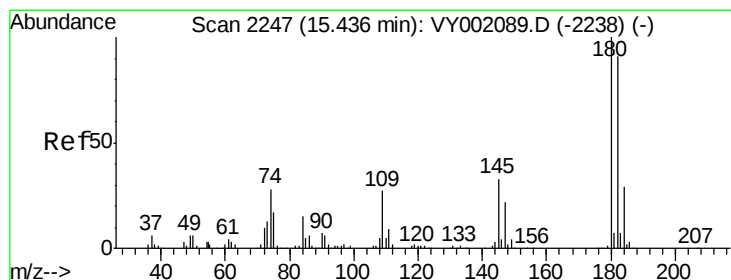
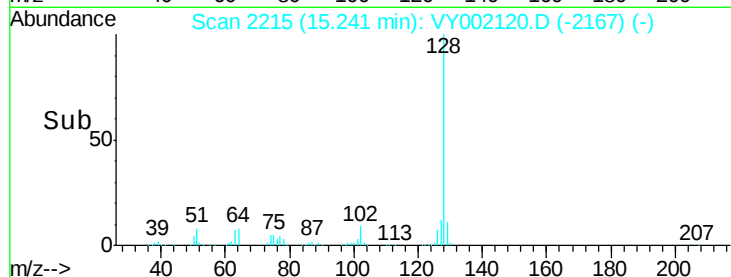
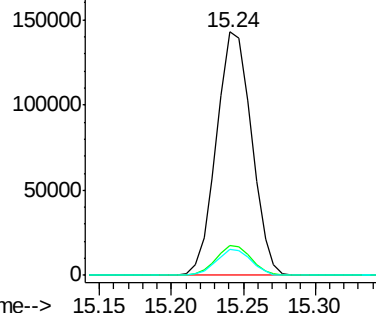
#95
Naphthalene
Concen: 47.925 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 241792
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.8
129 10.5 8.6 13.0

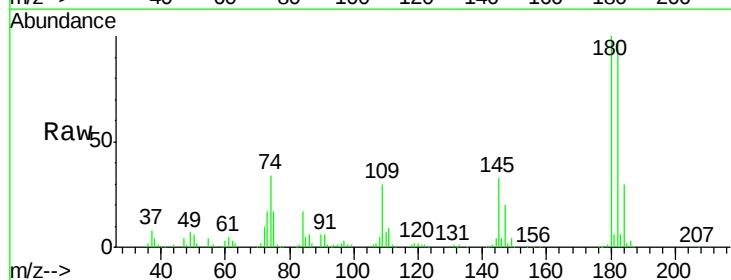


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.746 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:180 Resp: 90044
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.3
145 33.9 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

